

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion											
Generator Data		05/02/2025																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1 24138	EDT	33.25	28.50	27.13	26.37	27.08	30.46	39.84	44.47	42.33	41.45	38.14	37.21	36.73	36.36	38.57	38.49	41.25	50.28	56.89	61.25	61.89	49.23	42.18	37.34				
		2.14	2.04	1.84	1.79	1.84	2.07	2.85	3.25	3.39	3.56	3.37	3.45	3.37	3.40	3.60	3.75	3.98	4.64	5.14	5.37	5.37	3.90	3.16	2.64				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.06	-2.65	-0.32	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_1 24260	EDT	33.16	28.45	27.08	26.32	27.05	30.38	39.77	44.38	42.33	41.30	38.00	37.11	36.70	36.32	38.50	38.36	41.20	50.15	56.84	61.31	62.00	49.14	42.14	37.27				
		2.05	1.98	1.80	1.74	1.82	1.99	2.77	3.17	3.39	3.41	3.23	3.34	3.34	3.36	3.53	3.61	3.91	4.51	5.09	5.42	5.48	3.81	3.12	2.57				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.09	-2.65	-0.32	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_2 24261	EDT	33.16	28.45	27.08	26.32	27.05	30.38	39.77	44.38	42.33	41.30	38.00	37.11	36.70	36.32	38.50	38.36	41.20	50.15	56.84	61.31	62.00	49.14	42.14	37.27				
		2.05	1.98	1.80	1.74	1.82	1.99	2.77	3.17	3.39	3.41	3.23	3.34	3.34	3.36	3.53	3.61	3.91	4.51	5.09	5.42	5.48	3.81	3.12	2.57				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.09	-2.65	-0.32	0.00	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS 24011	EDT	32.97	28.13	26.93	26.15	26.90	30.29	39.62	44.26	41.83	40.62	37.06	35.83	35.36	34.94	37.10	37.02	39.74	49.36	55.89	60.19	61.21	48.87	41.79	36.92				
		1.87	1.67	1.64	1.57	1.67	1.90	2.63	3.05	2.88	2.73	2.29	2.06	2.00	1.98	2.13	2.29	2.53	3.05	4.06	4.30	4.69	3.54	2.77	2.22				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.33	-0.40	0.00	0.00	0.00	0.00	0.00				
ADK RESOURCE___RCVRY 23798	EDT	33.06	28.18	26.98	26.20	26.98	30.35	39.69	44.38	41.90	40.69	37.09	35.86	35.43	35.01	37.18	37.13	39.85	49.53	56.20	60.47	61.43	49.09	41.99	37.06				
		1.96	1.72	1.69	1.62	1.74	1.96	2.70	3.17	2.96	2.80	2.33	2.09	2.07	2.04	2.20	2.39	2.64	3.23	4.37	4.58	4.91	3.76	2.96	2.36				
		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	-3.32	-0.40	0.00	0.00	0.00	0.00	0.00				
ADK S GLENS___FALLS 24028	EDT	32.97	28.13	26.93	26.15	26.90	30.29	39.62	44.26	41.83	40.62	37.06	35.83	35.36	34.94	37.10	37.02	39.74	49.36	55.89	60.19	61.21	48.87	41.79	36.92				
		1.87	1.67	1.64	1.57	1.67	1.90	2.63	3.05	2.88	2.73	2.29	2.06	2.00	1.98	2.13	2.29	2.53	3.05	4.06	4.30	4.69	3.54	2.77	2.22				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.33	-0.40	0.00	0.00	0.00	0.00	0.00				
ADK_NYS___DAM 23527	EDT	32.97	28.29	27.00	26.25	26.95	30.35	39.62	44.22	41.71	40.54	37.23	36.13	35.63	35.14	37.21	37.02	39.55	48.91	55.32	59.41	60.08	48.14	41.17	36.22				
		1.87	1.82	1.72	1.67	1.72	1.96	2.63	3.01	2.77	2.65	2.47	2.36	2.27	2.18	2.24	2.29	2.35	2.71	3.50	3.52	3.56	2.81	2.14	1.53				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.22	-0.39	0.00	0.00	0.00	0.00	0.00				
AIR_PRODUCTS___DRP 24190	EDT	31.63	27.10	25.89	25.17	25.84	29.04	37.84	42.16	39.92	38.84	35.70	34.68	34.26	33.85	35.95	35.81	38.25	47.42	53.31	57.34	58.04	46.42	39.76	35.29				
		0.53	0.64	0.61	0.59	0.61	0.65	0.85	0.95	0.97	0.95	0.94	0.91	0.90	0.89	0.98	1.08	1.04	1.20	1.49	1.45	1.53	1.09	0.74	0.59				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.23	-0.39	0.00	0.00	0.00	0.00	0.00				
AKWESSNE_115KV_BK 355683	EDT	14.33	14.86	10.53	9.82	9.97	10.62	14.54	40.18	16.76	14.90	13.62	11.72	7.82	7.81	7.90	8.69	11.76	41.64	49.84	54.10	54.76	44.38	38.44	34.04				
		-0.65	-0.50	-0.46	-0.44	-0.53	-0.65	-0.81	-1.03	-0.82	-0.87	-0.83	-0.78	-0.77	-0.76	-0.80	-0.83	-1.00	-1.33	-1.59	-1.79	-1.75	-0.95	-0.59	-0.66				
		16.12	11.10	14.30	14.32	14.73	17.12	21.64	0.00	21.36	22.12	20.31	21.27	24.77	24.39	26.27	25.21	24.44	0.01	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR 323833	EDT	32.13	27.47	26.27	25.53	26.22	29.47	38.36	42.74	40.31	39.14	35.84	34.71	34.30	33.88	36.02	35.91	38.51	47.71	54.02	58.18	58.94	47.19	40.47	35.91				
		1.02	1.01	0.99	0.96	0.98	1.08	1.37	1.53	1.36	1.25	1.08	0.94	0.93	0.92	1.05	1.18	1.30	1.55	2.21	2.29	2.43	1.86	1.44	1.21				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.18	-0.38	0.00	0.00	0.00	0.00	0.00				
ALBANY_2_SOLAR 323834	EDT	32.13	27.47	26.27	25.51	26.22	29.47	38.36	42.74	40.31	39.14	35.84	34.71	34.26	33.88	36.02	35.91	38.51	47.71	54.02	58.18	58.94	47.19	40.47	35.88				
		1.02	1.01	0.99	0.93	0.98	1.08	1.37	1.53	1.36	1.25	1.08	0.94	0.90	0.92	1.05	1.18	1.30	1.55	2.21	2.29	2.43	1.86	1.44	1.18				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.18	-0.38	0.00	0.00	0.00	0.00	0.00				
ALBANY___1 23571	EDT	31.63	27.10	25.89	25.17	25.84	29.04	37.84	42.16	39.92	38.84	35.70	34.68	34.26	33.85	35.95	35.81	38.25	47.42	53.31	57.34	58.04	46.42	39.76	35.29				
		0.53	0.64	0.61	0.59	0.61	0.65	0.85	0.95	0.97	0.95	0.94	0.91	0.90	0.89	0.98	1.08	1.04	1.20	1.49	1.45	1.53	1.09	0.74	0.59				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.23	-0.39	0.00	0.00	0.00	0.00	0.00				

ALBANY___2 23572	31.63 0.53 0.00	27.10 0.64 0.00	25.89 0.61 0.00	25.17 0.59 0.00	25.84 0.61 0.00	29.04 0.65 0.00	37.84 0.85 0.00	42.16 0.95 0.00	39.92 0.97 0.00	38.84 0.95 0.00	35.70 0.94 0.00	34.68 0.91 0.00	34.26 0.90 0.00	33.85 0.89 0.00	35.95 0.98 0.00	35.81 1.08 0.00	38.25 1.04 0.00	47.42 1.20 -3.23	53.31 1.49 -0.39	57.34 1.45 0.00	58.04 1.53 0.00	46.42 1.09 0.00	39.76 0.74 0.00	35.29 0.59 0.00
ALBANY___3 23573	31.63 0.53 0.00	27.10 0.64 0.00	25.89 0.61 0.00	25.17 0.59 0.00	25.84 0.61 0.00	29.04 0.65 0.00	37.84 0.85 0.00	42.16 0.95 0.00	39.92 0.97 0.00	38.84 0.95 0.00	35.70 0.94 0.00	34.68 0.91 0.00	34.26 0.90 0.00	33.85 0.89 0.00	35.95 0.98 0.00	35.81 1.08 0.00	38.25 1.04 0.00	47.42 1.20 -3.23	53.31 1.49 -0.39	57.34 1.45 0.00	58.04 1.53 0.00	46.42 1.09 0.00	39.76 0.74 0.00	35.29 0.59 0.00
ALBANY___4 23574	31.63 0.53 0.00	27.10 0.64 0.00	25.89 0.61 0.00	25.17 0.59 0.00	25.84 0.61 0.00	29.04 0.65 0.00	37.84 0.85 0.00	42.16 0.95 0.00	39.92 0.97 0.00	38.84 0.95 0.00	35.70 0.94 0.00	34.68 0.91 0.00	34.26 0.90 0.00	33.85 0.89 0.00	35.95 0.98 0.00	35.81 1.08 0.00	38.25 1.04 0.00	47.42 1.20 -3.23	53.31 1.49 -0.39	57.34 1.45 0.00	58.04 1.53 0.00	46.42 1.09 0.00	39.76 0.74 0.00	35.29 0.59 0.00
ALBANY___LFGE 323615	31.88 0.78 0.00	27.29 0.82 0.00	26.09 0.81 0.00	25.34 0.76 0.00	26.02 0.78 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.23 1.28 0.00	39.18 1.29 0.00	36.01 1.25 0.00	34.95 1.18 0.00	34.56 1.20 0.00	34.15 1.18 0.00	36.27 1.29 0.00	36.12 1.39 0.00	38.62 1.41 0.00	47.88 1.63 -3.26	53.88 2.06 -0.39	57.90 2.01 0.00	58.61 2.09 0.00	46.87 1.54 0.00	40.15 1.13 0.00	35.60 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	14.70 -0.81 15.59	15.12 -0.61 10.74	10.90 -0.56 13.83	10.19 -0.54 13.85	10.36 -0.63 14.25	11.07 -0.77 16.56	15.10 -0.96 20.93	41.30 -1.15 -1.24	17.30 -0.97 20.67	15.47 -1.02 21.40	14.14 -0.97 19.65	12.24 -0.95 20.58	8.43 -0.97 23.97	8.41 -0.96 23.60	8.55 -1.01 25.41	9.34 -1.01 24.39	12.37 -1.19 23.65	41.68 -1.29 0.01	49.73 -1.70 0.00	53.99 -1.90 0.00	54.65 -1.87 0.00	44.47 -0.86 0.00	38.59 -0.43 0.00	34.14 -0.56 0.00
ALCOA_RYNLDS___DRP 24188	14.70 -0.81 15.59	15.12 -0.61 10.74	10.90 -0.56 13.83	10.19 -0.54 13.85	10.36 -0.63 14.25	11.07 -0.77 16.56	15.10 -0.96 20.93	41.30 -1.15 -1.24	17.30 -0.97 20.67	15.47 -1.02 21.40	14.14 -0.97 19.65	12.24 -0.95 20.58	8.43 -0.97 23.97	8.41 -0.96 23.60	8.55 -1.01 25.41	9.34 -1.01 24.39	12.37 -1.19 23.65	41.68 -1.29 0.01	49.73 -1.70 0.00	53.99 -1.90 0.00	54.65 -1.87 0.00	44.47 -0.86 0.00	38.59 -0.43 0.00	34.14 -0.56 0.00
ALCOA___DSASP 323711	14.70 -0.81 15.59	15.12 -0.61 10.74	10.90 -0.56 13.83	10.19 -0.54 13.85	10.36 -0.63 14.25	11.07 -0.77 16.56	15.10 -0.96 20.93	41.30 -1.15 -1.24	17.30 -0.97 20.67	15.51 -0.99 21.40	14.14 -0.97 19.65	12.24 -0.95 20.58	8.43 -0.97 23.97	8.41 -0.96 23.60	8.54 -1.02 25.41	9.33 -1.01 24.39	12.37 -1.19 23.65	41.68 -1.29 0.01	49.63 -1.80 0.00	54.10 -1.79 0.00	54.71 -1.81 0.00	44.47 -0.86 0.00	38.59 -0.43 0.00	34.14 -0.56 0.00
ALLEGHENY___COGEN 23514	32.97 1.87 0.00	26.41 -0.05 0.00	25.06 -0.23 0.00	24.45 -0.12 0.00	25.39 0.15 0.00	28.70 0.31 0.00	36.84 -0.15 0.00	41.38 0.17 0.00	39.67 -0.97 -1.70	36.90 -1.70 -0.71	32.89 -1.88 0.00	31.91 -1.86 0.00	31.49 -1.87 0.00	30.99 -1.98 0.00	33.01 -1.96 0.00	33.03 -1.70 0.00	35.98 -1.23 0.00	44.15 -1.46 -2.63	50.56 -0.92 -0.06	56.00 0.11 0.00	56.29 -0.23 0.00	45.47 0.14 0.00	39.26 0.24 0.00	35.36 0.66 0.00
ALTAMONT_115KV_TB 2 55880	31.94 0.84 0.00	27.31 0.85 0.00	26.12 0.83 0.00	25.36 0.79 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.18 1.18 0.00	42.57 1.36 0.00	40.27 1.32 0.00	39.14 1.25 0.00	35.95 1.18 0.00	34.91 1.15 0.00	34.50 1.13 0.00	34.08 1.12 0.00	36.19 1.22 0.00	36.02 1.29 0.00	38.58 1.38 0.00	47.81 1.59 -3.24	53.78 1.95 -0.39	57.90 2.01 0.00	58.61 2.09 0.00	46.87 1.54 0.00	40.23 1.21 0.00	35.64 0.94 0.00
ALTONA_WT_PWR 323606	13.91 -1.18 16.01	14.51 -0.93 11.03	10.17 -0.91 14.20	9.37 -0.98 14.22	9.42 -1.19 14.63	9.91 -1.48 17.00	13.54 -1.96 21.49	0.42 -2.23 38.56	15.88 -1.60 21.47	14.15 -1.52 22.23	12.82 -1.53 20.41	10.84 -1.55 21.38	6.87 -1.60 24.89	6.77 -1.68 24.51	6.48 -2.10 26.39	7.28 -2.12 25.33	10.56 -2.08 24.56	40.74 -2.24 0.01	48.86 -2.57 0.00	53.43 -2.46 0.00	54.20 -2.32 0.00	43.92 -1.41 0.00	38.20 -0.82 0.00	33.90 -0.80 0.00
AMERICAN_REF_FUEL 24010	30.95 -0.15 0.00	24.69 -1.77 0.00	23.39 -1.90 0.00	22.86 -1.72 0.00	23.75 -1.49 0.00	26.72 -1.68 0.00	33.92 -3.07 0.00	38.20 -3.01 0.00	34.89 -3.54 0.51	33.43 -4.24 0.21	30.84 -3.93 0.00	29.95 -3.82 0.00	29.66 -3.70 0.00	29.17 -3.79 0.00	31.05 -3.92 0.00	30.87 -3.86 0.00	33.38 -3.83 0.00	38.23 -4.64 0.11	46.13 -5.35 -0.05	51.02 -4.86 0.00	51.09 -5.43 0.00	40.98 -4.35 0.00	35.86 -3.16 0.00	32.69 -2.01 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.97 0.87 0.00	25.43 -1.03 0.00	24.07 -1.21 0.00	23.55 -1.03 0.00	24.50 -0.73 0.00	27.60 -0.79 0.00	35.36 -1.63 0.00	40.10 -1.11 0.00	36.50 -1.98 0.46	35.01 -2.69 0.19	32.37 -2.40 0.00	31.40 -2.36 0.00	31.13 -2.23 0.00	30.62 -2.34 0.00	32.73 -2.24 0.00	32.54 -2.19 0.00	35.16 -2.05 0.00	40.00 -2.92 0.05	48.50 -2.98 -0.06	53.71 -2.18 0.00	53.97 -2.54 0.00	43.29 -2.04 0.00	37.81 -1.21 0.00	34.28 -0.41 0.00
ARTHUR KILL_GT_1 23520	33.29 2.18 -0.01	28.61 2.14 0.00	27.20 1.92 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.41 2.02 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.22 3.27 -0.01	41.17 3.26 -0.02	37.88 3.09 -0.02	36.86 3.07 -0.02	36.51 3.10 -0.04	45.00 3.20 -8.84	45.55 3.39 -7.19	47.97 3.51 -9.73	47.06 3.80 -6.06	50.05 4.43 -2.64	59.96 5.04 -3.48	63.97 5.31 -2.77	64.49 5.31 -2.66	48.87 3.54 0.00	41.95 2.89 -0.04	37.22 2.50 -0.02
ARTHUR_KILL_2 23512	33.23 2.12 -0.01	28.53 2.07 0.00	27.13 1.84 0.00	26.35 1.77 0.00	27.05 1.82 0.00	30.35 1.96 0.00	39.69 2.70 0.00	44.26 3.05 0.00	42.11 3.15 -0.01	41.09 3.18 -0.02	37.78 2.99 -0.02	36.79 3.00 -0.02	36.44 3.04 -0.04	44.90 3.10 -8.84	45.45 3.29 -7.19	47.87 3.41 -9.73	46.95 3.68 -6.06	49.92 4.30 -2.64	59.80 4.89 -3.48	63.74 5.08 -2.77	64.26 5.09 -2.66	48.73 3.40 0.00	41.84 2.77 -0.04	37.11 2.39 -0.02
ARTHUR_KILL_3 23513	32.91 1.80 0.00	28.24 1.77 0.00	26.88 1.59 0.00	26.13 1.55 0.00	26.83 1.59 0.00	30.15 1.76 0.00	39.43 2.44 0.00	43.97 2.76 0.00	41.87 2.92 0.00	41.01 3.11 -0.01	37.73 2.95 -0.01	36.85 3.07 -0.01	36.43 3.04 -0.04	44.89 3.10 -8.83	45.37 3.22 -7.18	47.76 3.30 -9.73	46.87 3.61 -6.05	49.72 4.09 -2.65	57.84 4.58 -1.83	62.02 4.81 -1.33	62.59 4.80 -1.28	48.73 3.40 0.00	41.94 2.89 -0.03	37.00 2.29 -0.01

ARTHUR_KILL_COGEN 323718	33.29 2.18 -0.01	28.61 2.14 0.00	27.20 1.92 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.41 2.02 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.22 3.27 -0.01	41.17 3.26 -0.02	37.88 3.09 -0.02	36.86 3.07 -0.02	36.51 3.10 -0.04	45.00 3.20 -8.84	45.55 3.39 -7.19	47.97 3.51 -9.73	47.06 3.80 -6.06	50.05 4.43 -2.64	59.96 5.04 -3.48	63.97 5.31 -2.77	64.49 5.31 -2.66	48.87 3.54 0.00	41.95 2.89 -0.04	37.22 2.50 -0.02
ASHOKAN____ 23654	32.69 1.59 0.00	27.97 1.51 0.00	26.72 1.44 0.00	25.95 1.38 0.00	26.67 1.44 0.00	30.04 1.65 0.00	39.17 2.18 0.00	43.64 2.43 0.00	41.24 2.30 0.00	39.94 2.04 0.00	36.40 1.63 0.00	35.32 1.55 0.00	34.93 1.57 0.00	34.51 1.55 0.00	36.55 1.58 0.00	36.50 1.77 0.00	39.29 2.08 0.00	47.15 1.20 -2.96	55.23 3.45 -0.36	59.63 3.74 0.00	60.53 4.01 0.00	48.23 2.90 0.00	41.52 2.50 0.00	36.89 2.19 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.15 1.57 0.00	26.85 1.62 0.00	30.03 1.65 0.01	39.28 2.29 0.01	43.84 2.64 0.01	41.74 2.81 0.01	40.88 2.99 0.01	37.64 2.88 0.01	36.73 2.97 0.01	36.36 3.00 0.01	36.02 3.07 0.01	38.22 3.25 0.01	38.11 3.37 -0.01	40.94 3.65 -0.08	49.79 4.17 -2.64	56.42 4.68 -0.31	60.74 4.86 0.01	61.31 4.80 0.01	48.59 3.27 0.01	41.75 2.73 0.00	36.92 2.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.15 1.57 0.00	26.85 1.62 0.00	30.03 1.65 0.01	39.28 2.29 0.01	43.84 2.64 0.01	41.74 2.81 0.01	40.88 2.99 0.01	37.64 2.88 0.01	36.73 2.97 0.01	36.36 3.00 0.01	36.02 3.07 0.01	38.22 3.25 0.01	38.11 3.37 -0.01	40.94 3.65 -0.08	49.79 4.17 -2.64	56.42 4.68 -0.31	60.74 4.86 0.01	61.31 4.80 0.01	48.59 3.27 0.01	41.75 2.73 0.00	36.92 2.22 0.00
ASTORIA_GT2_1 24094	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT2_2 24095	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT2_3 24096	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT2_4 24097	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT3_1 24098	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT3_2 24099	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT3_3 24100	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT3_4 24101	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT4_1 24102	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT4_2 24103	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT4_3 24104	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00

ASTORIA_GT4_4 24105	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.04 1.65 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.90 2.96 0.00	40.92 3.03 0.00	37.65 2.89 0.00	36.77 3.01 0.00	36.40 3.04 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.33 4.58 -0.32	60.86 4.97 0.00	61.43 4.92 0.00	48.64 3.31 0.00	41.75 2.73 0.00	36.95 2.26 0.00
ASTORIA_GT_1 23523	32.81 1.71 0.00	28.37 1.91 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.09 1.70 0.01	39.35 2.37 0.01	43.92 2.72 0.01	41.86 2.92 0.01	40.95 3.07 0.01	37.71 2.95 0.01	36.80 3.04 0.01	36.46 3.10 0.01	36.12 3.16 0.01	38.29 3.32 0.01	38.21 3.47 -0.01	41.05 3.76 -0.08	49.92 4.30 -2.64	56.53 4.78 -0.31	60.85 4.97 0.01	61.48 4.97 0.01	48.68 3.35 0.01	41.83 2.81 0.00	36.99 2.29 0.00
ASTORIA_GT_10 24110	33.00 1.90 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.24 1.85 0.00	39.54 2.55 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.57 3.20 0.00	38.52 3.23 -2.33	40.26 3.39 -1.89	40.89 3.51 -2.65	46.73 3.80 -5.73	55.48 4.34 -8.15	54.49 4.83 1.77	59.25 5.20 1.83	59.96 5.20 1.76	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
ASTORIA_GT_11 24225	33.00 1.90 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.24 1.85 0.00	39.54 2.55 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.57 3.20 0.00	38.52 3.23 -2.33	40.26 3.39 -1.89	40.89 3.51 -2.65	46.73 3.80 -5.73	55.48 4.34 -8.15	54.49 4.83 1.77	59.25 5.20 1.83	59.96 5.20 1.76	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
ASTORIA_GT_12 24226	33.00 1.90 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.24 1.85 0.00	39.54 2.55 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.57 3.20 0.00	38.52 3.23 -2.33	40.26 3.39 -1.89	40.89 3.51 -2.65	46.73 3.80 -5.73	55.48 4.34 -8.15	54.49 4.83 1.77	59.25 5.20 1.83	59.96 5.20 1.76	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
ASTORIA_GT_13 24227	33.00 1.90 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.24 1.85 0.00	39.54 2.55 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.57 3.20 0.00	38.52 3.23 -2.33	40.26 3.39 -1.89	40.89 3.51 -2.65	46.73 3.80 -5.73	55.48 4.34 -8.15	54.49 4.83 1.77	59.25 5.20 1.83	59.96 5.20 1.76	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
ASTORIA_GT_5 24106	32.81 1.71 0.00	28.37 1.91 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.09 1.70 0.00	39.40 2.40 0.00	44.01 2.80 0.00	41.98 3.04 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.84 3.07 0.00	36.47 3.10 0.00	36.12 3.16 0.01	38.28 3.32 0.01	38.21 3.47 -0.01	41.05 3.76 -0.08	49.88 4.26 -2.64	56.48 4.73 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.73 3.40 0.00	41.83 2.81 0.00	36.99 2.29 0.00
ASTORIA_GT_7 24107	32.81 1.71 0.00	28.37 1.91 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.09 1.70 0.00	39.40 2.40 0.00	44.01 2.80 0.00	41.98 3.04 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.84 3.07 0.00	36.47 3.10 0.00	36.12 3.16 0.01	38.28 3.32 0.01	38.21 3.47 -0.01	41.05 3.76 -0.08	49.88 4.26 -2.64	56.48 4.73 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.73 3.40 0.00	41.83 2.81 0.00	36.99 2.29 0.00
ASTORIA_GT_8 24108	32.81 1.71 0.00	28.37 1.91 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.09 1.70 0.00	39.40 2.40 0.00	44.01 2.80 0.00	41.98 3.04 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.84 3.07 0.00	36.47 3.10 0.00	36.12 3.16 0.01	38.28 3.32 0.01	38.21 3.47 -0.01	41.05 3.76 -0.08	49.88 4.26 -2.64	56.48 4.73 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.73 3.40 0.00	41.83 2.81 0.00	36.99 2.29 0.00
ASTORIA___2 24149	32.75 1.65 0.00	28.34 1.88 0.00	26.95 1.67 0.00	26.17 1.60 0.00	26.88 1.64 0.00	30.03 1.65 0.01	39.28 2.29 0.01	43.88 2.68 0.01	41.78 2.84 0.01	40.92 3.03 0.01	37.64 2.88 0.01	36.73 2.97 0.01	36.39 3.04 0.01	36.05 3.10 0.01	38.22 3.25 0.01	38.15 3.41 -0.01	40.97 3.68 -0.08	49.79 4.17 -2.64	56.42 4.68 -0.31	60.74 4.86 0.01	61.37 4.86 0.01	48.59 3.27 0.01	41.79 2.77 0.00	36.95 2.25 0.00
ASTORIA___3 23516	33.00 1.90 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.91 3.14 0.00	36.57 3.20 0.00	38.52 3.23 -2.33	40.25 3.39 -1.89	40.85 3.47 -2.65	46.69 3.76 -5.73	55.47 4.34 -8.15	54.60 4.94 1.77	59.25 5.20 1.83	59.90 5.14 1.76	48.82 3.49 0.00	41.95 2.93 0.00	37.09 2.39 0.00
ASTORIA___4 23517	33.00 1.90 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.24 1.85 0.00	39.54 2.55 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.57 3.20 0.00	38.52 3.23 -2.33	40.26 3.39 -1.89	40.89 3.51 -2.65	46.73 3.80 -5.73	55.48 4.34 -8.15	54.49 4.83 1.77	59.25 5.20 1.83	59.96 5.20 1.76	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
ASTORIA___5 23518	33.00 1.90 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.91 3.14 0.00	36.57 3.20 0.00	38.52 3.23 -2.33	40.25 3.39 -1.89	40.85 3.47 -2.65	46.69 3.76 -5.73	55.47 4.34 -8.15	54.60 4.94 1.77	59.25 5.20 1.83	59.90 5.14 1.76	48.82 3.49 0.00	41.95 2.93 0.00	37.09 2.39 0.00
AST_ENERGY_2_CC3 323677	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.21 1.82 0.00	35.80 2.48 3.67	38.35 2.80 5.66	36.24 2.96 5.66	34.38 3.11 6.62	33.84 2.95 3.88	33.84 3.04 2.97	33.84 3.04 2.56	33.84 3.07 2.19	33.84 3.22 4.35	34.09 3.33 3.98	38.03 3.57 2.75	33.84 4.13 13.27	42.44 4.68 13.67	46.65 4.86 14.10	47.23 4.91 14.20	40.16 3.44 8.61	34.79 2.85 7.08	33.84 2.36 3.22
AST_ENERGY_2_CC4 323678	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.21 1.82 0.00	35.80 2.48 3.67	38.35 2.80 5.66	36.24 2.96 5.66	34.38 3.11 6.62	33.84 2.95 3.88	33.84 3.04 2.97	33.84 3.04 2.56	33.84 3.07 2.19	33.84 3.22 4.35	34.09 3.33 3.98	38.03 3.57 2.75	33.84 4.13 13.27	42.44 4.68 13.67	46.65 4.86 14.10	47.23 4.91 14.20	40.16 3.44 8.61	34.79 2.85 7.08	33.84 2.36 3.22

ATHENS_STG_1 23668	32.16 1.06 0.00	27.55 1.09 0.00	26.32 1.04 0.00	25.56 0.98 0.00	26.22 0.98 0.00	29.47 1.08 0.00	38.40 1.41 0.00	42.82 1.61 0.00	40.58 1.64 0.00	39.56 1.67 0.00	36.36 1.60 0.00	35.39 1.62 0.00	34.96 1.60 0.00	34.58 1.61 0.00	36.55 1.58 0.00	36.40 1.67 0.00	38.99 1.79 0.00	47.96 2.06 -2.91	54.15 2.37 -0.35	58.34 2.46 0.00	59.00 2.48 0.00	47.14 1.82 0.00	40.47 1.44 0.00	35.84 1.14 0.00
ATHENS_STG_2 23670	32.16 1.06 0.00	27.55 1.09 0.00	26.32 1.04 0.00	25.56 0.98 0.00	26.22 0.98 0.00	29.47 1.08 0.00	38.40 1.41 0.00	42.82 1.61 0.00	40.58 1.64 0.00	39.56 1.67 0.00	36.36 1.60 0.00	35.39 1.62 0.00	34.96 1.60 0.00	34.58 1.61 0.00	36.55 1.58 0.00	36.40 1.67 0.00	38.99 1.79 0.00	47.96 2.06 -2.91	54.15 2.37 -0.35	58.34 2.46 0.00	59.00 2.48 0.00	47.14 1.82 0.00	40.47 1.44 0.00	35.84 1.14 0.00
ATHENS_STG_3 23677	32.16 1.06 0.00	27.55 1.09 0.00	26.32 1.04 0.00	25.56 0.98 0.00	26.22 0.98 0.00	29.47 1.08 0.00	38.40 1.41 0.00	42.82 1.61 0.00	40.58 1.64 0.00	39.56 1.67 0.00	36.36 1.60 0.00	35.39 1.62 0.00	34.96 1.60 0.00	34.58 1.61 0.00	36.55 1.58 0.00	36.40 1.67 0.00	38.99 1.79 0.00	47.96 2.06 -2.91	54.15 2.37 -0.35	58.34 2.46 0.00	59.00 2.48 0.00	47.14 1.82 0.00	40.47 1.44 0.00	35.84 1.14 0.00
AUBURN___LFGE 323710	31.29 0.19 0.00	26.33 -0.13 0.00	25.13 -0.15 0.00	24.45 -0.12 0.00	25.14 -0.10 0.00	28.36 -0.03 0.00	36.99 0.00 0.00	41.29 0.08 0.00	38.71 -0.23 0.00	37.66 -0.23 0.00	34.52 -0.24 0.00	33.50 -0.27 0.00	33.13 -0.23 0.00	32.70 -0.26 0.00	34.73 -0.24 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.09 -0.26 -1.37	53.76 -0.21 -2.54	59.18 0.00 -3.29	59.80 -0.11 -3.39	46.59 -0.14 -1.40	39.23 -0.08 -0.28	34.77 0.07 0.00
BABYLON_RES_REC 323704	33.68 2.58 0.00	28.80 2.33 0.00	27.33 2.05 0.00	26.54 1.97 0.00	27.28 2.04 0.00	30.78 2.39 0.00	40.41 3.40 -0.01	44.55 3.34 0.00	43.09 3.89 -0.25	41.88 3.98 -0.01	38.71 3.62 -0.33	37.58 3.58 -0.24	37.16 3.53 -0.26	37.13 3.59 -0.57	39.18 3.71 -0.50	40.02 3.85 -1.44	42.96 3.80 -1.95	53.64 4.43 -6.23	59.14 4.94 -2.77	65.30 5.14 -4.28	66.60 5.26 -4.82	51.54 3.99 -2.22	45.45 3.36 -3.07	37.94 3.23 -0.01
BALL_HILL_WT_PWR 323825	31.88 0.78 0.00	25.51 -0.95 0.00	24.15 -1.14 0.00	23.62 -0.96 0.00	24.56 -0.68 0.00	27.65 -0.74 0.00	35.33 -1.66 0.00	39.93 -1.28 0.00	36.28 -2.10 0.56	34.89 -2.76 0.24	32.26 -2.50 0.00	31.30 -2.46 0.00	30.99 -2.37 0.00	30.49 -2.47 0.00	32.52 -2.45 0.00	32.34 -2.40 0.00	35.01 -2.20 0.00	39.49 -3.27 0.23	47.99 -3.50 -0.05	53.04 -2.85 0.00	53.24 -3.28 0.00	42.70 -2.63 0.00	37.27 -1.76 0.00	33.76 -0.94 0.00
BARON_WINDS___WT_PWR 323822	30.95 -0.15 0.00	25.41 -1.06 0.00	24.15 -1.14 0.00	23.57 -1.01 0.00	24.40 -0.83 0.00	27.57 -0.82 0.00	35.55 -1.44 0.00	39.97 -1.24 0.00	33.96 -1.98 3.00	34.32 -2.31 1.26	32.64 -2.12 0.00	31.71 -2.06 0.00	31.33 -2.04 0.00	30.89 -2.08 0.00	32.87 -2.10 0.00	32.82 -1.91 0.00	35.46 -1.75 0.00	37.98 -2.24 2.77	49.92 -2.16 -0.64	55.25 -1.39 -0.75	55.71 -1.58 -0.78	44.43 -1.22 -0.32	38.27 -0.82 -0.06	34.35 -0.35 0.00
BARRETT_IC_1 23704	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_10 23701	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	42.45 3.26 -6.22	42.45 3.43 -4.05	46.68 3.51 -8.44	52.54 3.76 -11.58	71.21 4.39 -23.85	68.90 4.89 -12.58	68.62 5.08 -7.65	69.11 5.20 -7.40	60.76 3.85 -11.58	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_11 23702	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	42.45 3.26 -6.22	42.45 3.43 -4.05	46.68 3.51 -8.44	52.54 3.76 -11.58	71.21 4.39 -23.85	68.90 4.89 -12.58	68.62 5.08 -7.65	69.11 5.20 -7.40	60.76 3.85 -11.58	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_12 23703	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	42.45 3.26 -6.22	42.45 3.43 -4.05	46.68 3.51 -8.44	52.54 3.76 -11.58	71.21 4.39 -23.85	68.90 4.89 -12.58	68.62 5.08 -7.65	69.11 5.20 -7.40	60.76 3.85 -11.58	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_2 23705	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_3 23706	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_4 23707	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_5 23708	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27

BARRETT_IC_6 23709	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_7 23710	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.21 3.22 0.00	44.63 3.42 0.00	42.62 3.66 -0.01	41.53 3.64 0.00	42.45 3.23 -4.45	40.22 3.28 -3.18	40.09 3.27 -3.46	44.80 3.26 -8.57	46.61 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.10 4.34 -65.77	93.11 4.89 -36.79	83.75 5.20 -22.67	83.70 5.26 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_8 23711	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT_IC_9 23700	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	42.45 3.26 -6.22	42.45 3.43 -4.05	46.68 3.51 -8.44	52.54 3.76 -11.58	71.21 4.39 -23.85	68.90 4.89 -12.58	68.62 5.08 -7.65	69.11 5.20 -7.40	60.76 3.85 -11.58	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT___1 23545	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	44.80 3.26 -8.57	46.62 3.43 -8.22	63.36 3.51 -25.12	75.45 3.76 -34.49	113.14 4.39 -65.77	93.11 4.89 -36.79	83.64 5.08 -22.67	83.64 5.20 -21.93	83.64 3.85 -34.46	76.75 3.32 -34.41	37.75 2.78 -0.27
BARRETT___2 23546	33.44 2.33 0.00	28.61 2.14 0.00	27.18 1.90 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.58 2.19 0.00	40.11 3.11 -0.01	44.26 3.05 0.00	42.46 3.51 -0.01	41.42 3.52 -0.01	42.45 3.23 -4.45	40.19 3.24 -3.18	40.06 3.24 -3.46	42.45 3.26 -6.22	42.45 3.43 -4.05	46.68 3.51 -8.44	52.54 3.76 -11.58	71.21 4.39 -23.85	68.90 4.89 -12.58	68.62 5.08 -7.65	69.11 5.20 -7.40	60.76 3.85 -11.58	76.75 3.32 -34.41	37.75 2.78 -0.27
BATAVIA___115KV_TB1 55881	32.35 1.24 0.00	25.67 -0.79 0.00	24.32 -0.96 0.00	23.74 -0.84 0.00	24.61 -0.63 0.00	27.82 -0.57 0.00	35.25 -1.74 0.00	39.73 -1.48 0.00	36.02 -2.53 0.39	35.11 -2.61 0.16	32.26 -2.50 0.00	31.20 -2.57 0.00	30.83 -2.54 0.00	30.46 -2.51 0.00	32.42 -2.55 0.00	32.23 -2.50 0.00	34.86 -2.34 0.00	40.07 -2.92 -0.01	48.14 -3.34 -0.05	53.32 -2.57 0.00	53.41 -3.11 0.00	42.97 -2.36 0.00	37.42 -1.60 0.00	33.94 -0.76 0.00
BAYONEEC___CTG1 323682	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG10 323750	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG2 323683	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG3 323684	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG4 323685	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG5 323686	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG6 323687	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG7 323688	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00

BAYONEEC___CTG8 323689	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BAYONEEC___CTG9 323749	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.47 3.10 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.85 4.21 -2.65	57.87 4.73 -1.71	62.08 4.97 -1.22	62.66 4.97 -1.17	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
BEACON___LESR 323632	32.03 0.93 0.00	27.42 0.95 0.00	26.22 0.94 0.00	25.46 0.88 0.00	26.17 0.93 0.00	29.41 1.02 0.00	38.36 1.37 0.00	42.82 1.61 0.00	40.46 1.52 0.00	39.41 1.52 0.00	36.16 1.39 0.00	35.08 1.32 0.00	34.66 1.30 0.00	34.31 1.35 0.00	36.41 1.43 0.00	36.30 1.56 0.00	38.84 1.64 0.00	48.10 1.89 -3.23	54.24 2.42 -0.39	58.34 2.46 0.00	59.00 2.48 0.00	47.19 1.86 0.00	40.39 1.37 0.00	35.81 1.11 0.00
BEAVER RIVER___HYD 24048	25.76 -1.00 4.35	22.62 -0.85 2.99	20.67 -0.76 3.85	19.98 -0.74 3.86	20.53 -0.73 3.97	23.07 -0.71 4.61	30.31 -0.85 5.83	42.62 -0.95 -2.36	32.32 -0.86 5.77	30.75 -1.17 5.97	28.06 -1.22 5.48	26.74 -1.28 5.74	25.34 -1.34 6.69	25.06 -1.32 6.58	26.52 -1.36 7.09	26.64 -1.28 6.80	29.27 -1.34 6.60	42.49 -1.20 -0.71	52.21 -0.72 -1.50	57.12 -0.73 -1.96	57.75 -0.79 -2.02	45.75 -0.41 -0.83	38.88 -0.31 -0.17	34.25 -0.45 0.00
BEEBEE_GT_13 23619	32.13 1.03 0.00	25.88 -0.58 0.00	24.55 -0.73 0.00	23.94 -0.64 0.00	24.76 -0.48 0.00	27.96 -0.43 0.00	35.59 -1.41 0.00	40.06 -1.15 0.00	36.50 -2.30 0.15	35.86 -1.97 0.06	32.85 -1.91 0.00	31.84 -1.92 0.00	31.49 -1.87 0.00	31.15 -1.81 0.00	33.08 -1.89 0.00	32.89 -1.84 0.00	35.61 -1.60 0.00	41.30 -2.02 -0.33	49.11 -2.37 -0.04	53.93 -1.96 0.00	54.14 -2.37 0.00	43.56 -1.77 0.00	37.73 -1.29 0.00	34.04 -0.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.35 2.24 -0.01	28.61 2.14 0.00	27.20 1.92 0.00	26.42 1.84 0.00	27.15 1.92 0.00	30.46 2.07 0.00	39.91 2.92 0.00	44.63 3.42 0.00	42.54 3.58 -0.01	41.51 3.60 -0.02	38.19 3.41 -0.02	37.26 3.48 -0.02	36.92 3.50 -0.06	52.97 3.56 -16.45	52.13 3.78 -13.38	57.26 3.89 -18.64	81.50 4.20 -40.09	89.28 4.86 -41.44	72.21 5.45 -15.32	73.33 5.92 -11.52	73.51 5.93 -11.06	49.36 4.03 0.00	42.36 3.28 -0.06	37.46 2.74 -0.02
BETHLEHEM___GRP 23843	31.63 0.53 0.00	27.10 0.64 0.00	25.89 0.61 0.00	25.17 0.59 0.00	25.84 0.61 0.00	29.04 0.65 0.00	37.84 0.85 0.00	42.16 0.95 0.00	39.92 0.97 0.00	38.84 0.95 0.00	35.70 0.94 0.00	34.68 0.91 0.00	34.26 0.90 0.00	33.85 0.89 0.00	35.95 0.98 0.00	35.81 1.08 0.00	38.25 1.04 0.00	47.42 1.20 -3.23	53.31 1.49 -0.39	57.34 1.45 0.00	58.04 1.53 0.00	46.42 1.09 0.00	39.76 0.74 0.00	35.29 0.59 0.00
BETHLEHEM___GS1 323560	31.63 0.53 0.00	27.10 0.63 0.00	25.89 0.61 0.00	25.17 0.59 0.00	25.82 0.58 0.00	29.04 0.65 0.00	37.84 0.85 0.00	42.16 0.95 0.00	39.88 0.93 0.00	38.84 0.95 0.00	35.70 0.94 0.00	34.68 0.91 0.00	34.26 0.90 0.00	33.85 0.89 0.00	35.95 0.98 0.00	35.81 1.08 0.00	38.29 1.08 0.00	47.42 1.20 -3.24	53.31 1.49 -0.39	57.34 1.45 0.00	57.98 1.47 0.00	46.42 1.09 0.00	39.76 0.74 0.00	35.29 0.59 0.00
BETHLEHEM___GS2 323561	31.63 0.53 0.00	27.10 0.63 0.00	25.89 0.61 0.00	25.17 0.59 0.00	25.82 0.58 0.00	29.04 0.65 0.00	37.84 0.85 0.00	42.16 0.95 0.00	39.88 0.93 0.00	38.84 0.95 0.00	35.70 0.94 0.00	34.68 0.91 0.00	34.26 0.90 0.00	33.85 0.89 0.00	35.95 0.98 0.00	35.81 1.08 0.00	38.29 1.08 0.00	47.42 1.20 -3.24	53.31 1.49 -0.39	57.34 1.45 0.00	57.98 1.47 0.00	46.42 1.09 0.00	39.76 0.74 0.00	35.29 0.59 0.00
BETHLEHEM___GS3 323562	31.63 0.53 0.00	27.10 0.63 0.00	25.89 0.61 0.00	25.17 0.59 0.00	25.82 0.58 0.00	29.04 0.65 0.00	37.84 0.85 0.00	42.16 0.95 0.00	39.88 0.93 0.00	38.84 0.95 0.00	35.70 0.94 0.00	34.68 0.91 0.00	34.26 0.90 0.00	33.85 0.89 0.00	35.95 0.98 0.00	35.81 1.08 0.00	38.29 1.08 0.00	47.42 1.20 -3.24	53.31 1.49 -0.39	57.34 1.45 0.00	57.98 1.47 0.00	46.42 1.09 0.00	39.76 0.74 0.00	35.29 0.59 0.00
BETHLEHEM___STEEL 23779	31.57 0.47 0.00	25.20 -1.27 0.00	23.87 -1.42 0.00	23.30 -1.28 0.00	24.10 -1.14 0.00	27.25 -1.14 0.00	34.59 -2.40 0.00	38.98 -2.23 0.00	34.85 -3.47 0.62	34.22 -3.41 0.26	31.64 -3.13 0.00	30.59 -3.17 0.00	30.29 -3.07 0.00	29.93 -3.03 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.27 -2.94 0.00	39.15 -3.61 0.22	47.27 -4.22 -0.05	52.59 -3.30 0.00	52.79 -3.73 0.00	42.29 -3.04 0.00	36.99 -2.03 0.00	33.55 -1.15 0.00
BETHLHEM_115KV_TB1 79974	31.69 0.59 0.00	27.13 0.66 0.00	25.94 0.66 0.00	25.19 0.61 0.00	25.87 0.63 0.00	29.07 0.68 0.00	37.88 0.89 0.00	42.24 1.03 0.00	40.00 1.05 0.00	38.91 1.02 0.00	35.74 0.97 0.00	34.71 0.95 0.00	34.30 0.93 0.00	33.92 0.96 0.00	35.98 1.01 0.00	35.84 1.11 0.00	38.32 1.12 0.00	47.50 1.29 -3.23	53.41 1.59 -0.39	57.45 1.56 0.00	58.16 1.64 0.00	46.51 1.18 0.00	39.84 0.82 0.00	35.36 0.66 0.00
BETHPAGE_CC_5 323564	33.59 2.49 0.00	28.74 2.28 0.00	27.28 2.00 0.00	26.50 1.92 0.00	27.23 1.99 0.00	30.72 2.33 0.00	40.26 3.26 -0.01	44.43 3.22 0.00	42.76 3.74 -0.08	41.72 3.83 -0.01	38.65 3.51 -0.38	37.55 3.51 -0.27	37.13 3.47 -0.30	37.06 3.43 -0.67	39.14 3.57 -0.60	40.16 3.68 -1.75	43.42 3.83 -2.38	54.46 4.47 -7.01	59.48 5.09 -2.95	63.69 5.37 -2.44	64.50 5.43 -2.56	51.83 4.03 -2.46	45.45 3.39 -3.04	37.77 3.05 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.54 0.44 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.08 -1.16 0.00	27.25 -1.14 0.00	34.55 -2.44 0.00	38.98 -2.23 0.00	34.93 -3.43 0.59	34.23 -3.41 0.25	31.64 -3.13 0.00	30.59 -3.17 0.00	30.29 -3.07 0.00	29.90 -3.07 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.23 -2.98 0.00	39.19 -3.61 0.18	47.27 -4.22 -0.05	52.64 -3.24 0.00	52.84 -3.67 0.00	42.29 -3.04 0.00	36.99 -2.03 0.00	33.52 -1.18 0.00
BINGHAMTON___COGEN 23790	31.57 0.47 0.00	26.57 0.11 0.00	25.33 0.05 0.00	24.65 0.07 0.00	25.36 0.13 0.00	28.62 0.23 0.00	37.14 0.15 0.00	41.54 0.33 0.00	38.91 -0.04 0.00	37.85 -0.04 0.00	34.70 -0.07 0.00	33.66 -0.10 0.00	33.26 -0.10 0.00	32.86 -0.10 0.00	34.90 -0.07 0.00	34.73 0.00 0.00	37.32 0.11 0.00	44.34 0.04 -1.32	52.70 0.10 -1.17	57.68 0.39 -1.40	58.30 0.34 -1.44	46.11 0.18 -0.59	39.38 0.23 -0.12	35.01 0.31 0.00

BIXINCNT_115KV_LOAD 355685	30.88 -0.22 0.00	24.61 -1.85 0.00	23.31 -1.97 0.00	22.76 -1.82 0.00	23.60 -1.64 0.00	26.72 -1.68 0.00	33.92 -3.07 0.00	38.45 -2.76 0.00	34.61 -3.93 0.40	33.78 -3.94 0.17	31.18 -3.58 0.00	30.15 -3.61 0.00	29.76 -3.60 0.00	29.30 -3.66 0.00	31.19 -3.78 0.00	31.22 -3.51 0.00	33.97 -3.24 0.00	39.29 -3.74 -0.05	47.48 -4.01 -0.06	52.98 -2.91 0.00	53.18 -3.33 0.00	42.52 -2.81 0.00	37.07 -1.95 0.00	33.52 -1.18 0.00
BLACK RIVER___HYD 24047	27.45 -0.68 2.97	23.78 -0.64 2.05	22.12 -0.53 2.63	21.40 -0.54 2.64	22.02 -0.50 2.71	24.81 -0.43 3.15	32.56 -0.44 3.99	42.44 -0.41 -1.64	34.58 -0.43 3.94	32.94 -0.87 4.08	30.08 -0.94 3.75	28.79 -1.05 3.92	27.69 -1.10 4.57	27.38 -1.09 4.50	29.00 -1.12 4.85	29.04 -1.04 4.65	31.66 -1.04 4.51	43.33 -0.77 -1.12	53.59 -0.26 -2.41	58.82 -0.22 -3.16	59.49 -0.28 -3.25	46.62 -0.05 -1.34	39.26 -0.04 -0.27	34.49 -0.21 0.00
BLACKRVR_115KV_TB2 79977	27.45 -0.68 2.97	23.78 -0.64 2.05	22.12 -0.53 2.63	21.40 -0.54 2.64	22.02 -0.50 2.71	24.81 -0.43 3.15	32.60 -0.41 3.99	42.44 -0.41 -1.64	34.57 -0.43 3.94	32.94 -0.87 4.08	30.08 -0.94 3.75	28.80 -1.05 3.92	27.69 -1.10 4.57	27.37 -1.09 4.50	29.01 -1.12 4.85	29.04 -1.04 4.65	31.66 -1.04 4.51	43.33 -0.77 -1.12	53.58 -0.26 -2.41	58.82 -0.22 -3.16	59.49 -0.28 -3.25	46.62 -0.05 -1.34	39.25 -0.04 -0.27	34.49 -0.21 0.00
BLDWN_LI_69_KV_BK4 356085	33.59 2.49 0.00	28.72 2.25 0.00	27.26 1.97 0.00	26.47 1.89 0.00	27.23 1.99 0.00	30.69 2.30 0.00	40.36 3.37 0.00	44.88 3.67 0.00	42.84 3.86 -0.04	41.72 3.83 0.00	39.57 3.48 -1.33	38.23 3.51 -0.95	37.87 3.47 -1.04	38.96 3.49 -2.50	41.00 3.67 -2.36	45.61 3.79 -7.10	51.00 4.06 -9.73	68.22 4.77 -20.46	67.60 5.50 -10.67	68.55 5.87 -6.80	69.17 5.99 -6.67	59.45 4.35 -9.77	52.93 3.59 -10.32	37.83 3.05 -0.08
BLISS_WT_PWR 323608	30.64 -0.47 0.00	24.40 -2.06 0.00	23.11 -2.17 0.00	22.56 -2.01 0.00	23.50 -1.74 0.00	26.49 -1.90 0.00	33.81 -3.18 0.00	38.41 -2.80 0.00	35.00 -3.54 0.40	33.52 -4.21 0.17	30.98 -3.79 0.00	30.09 -3.68 0.00	29.66 -3.70 0.00	29.07 -3.89 0.00	30.95 -4.02 0.00	31.02 -3.72 0.00	33.82 -3.39 0.00	39.20 -3.83 -0.04	47.79 -3.70 -0.06	52.92 -2.96 0.00	53.13 -3.39 0.00	42.48 -2.85 0.00	36.99 -2.03 0.00	33.48 -1.22 0.00
BLUESTONE___WT_PWR 323821	32.47 1.37 0.00	27.47 1.01 0.00	26.30 1.01 0.00	25.61 1.03 0.00	26.40 1.16 0.00	29.84 1.45 0.00	38.99 2.00 0.00	43.64 2.43 0.00	41.20 2.26 0.00	39.71 1.82 0.00	36.33 1.57 0.00	35.18 1.42 0.00	34.70 1.34 0.00	34.21 1.25 0.00	36.37 1.40 0.00	36.16 1.42 0.00	38.96 1.75 0.00	46.70 2.19 -1.53	55.10 2.78 -0.89	59.94 3.07 -0.98	60.58 3.05 -1.02	48.15 2.40 -0.42	41.14 2.03 -0.08	36.43 1.73 0.00
BLUE_CIRC_CHEM_DRP 24182	31.97 0.87 0.00	27.34 0.87 0.00	26.14 0.86 0.00	25.41 0.84 0.00	26.09 0.86 0.00	29.30 0.91 0.00	38.18 1.18 0.00	42.53 1.32 0.00	40.19 1.25 0.00	39.07 1.17 0.00	35.81 1.04 0.00	34.75 0.98 0.00	34.33 0.97 0.00	33.92 0.96 0.00	36.02 1.05 0.00	35.91 1.18 0.00	38.44 1.23 0.00	47.63 1.46 -3.19	53.72 1.90 -0.38	57.84 1.96 0.00	58.61 2.09 0.00	46.87 1.54 0.00	40.23 1.21 0.00	35.67 0.97 0.00
BOC_GAS_DRP 24189	31.85 0.75 0.00	27.23 0.77 0.00	26.02 0.73 0.00	25.29 0.71 0.00	25.94 0.71 0.00	29.19 0.79 0.00	38.03 1.04 0.00	42.36 1.15 0.00	40.11 1.17 0.00	39.03 1.14 0.00	35.84 1.08 0.00	34.85 1.08 0.00	34.43 1.07 0.00	34.02 1.05 0.00	36.12 1.15 0.00	35.95 1.22 0.00	38.47 1.27 0.00	47.67 1.46 -3.23	53.57 1.75 -0.39	57.67 1.79 0.00	58.32 1.81 0.00	46.69 1.36 0.00	40.04 1.01 0.00	35.50 0.80 0.00
BOONVILLE_115KV_TB1 79983	30.24 0.06 0.93	25.83 0.00 0.64	24.51 0.05 0.82	23.80 0.05 0.82	24.49 0.10 0.85	27.61 0.20 0.98	36.04 0.30 1.24	42.55 0.41 -0.93	38.15 0.43 1.22	36.78 0.15 1.26	33.71 0.10 1.16	32.55 0.00 1.22	31.91 -0.03 1.42	31.53 -0.03 1.40	33.47 0.00 1.50	33.32 0.03 1.44	35.92 0.11 1.40	43.73 0.30 -0.44	53.01 0.72 -0.86	57.79 0.78 -1.12	58.41 0.73 -1.15	46.44 0.63 -0.48	39.67 0.55 -0.10	35.05 0.35 0.00
BORALEX_4TH_BRANCH 23824	32.97 1.87 0.00	28.29 1.83 0.00	27.00 1.72 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.35 1.96 0.00	39.65 2.66 0.00	44.22 3.01 0.00	41.75 2.80 0.00	40.54 2.65 0.00	37.27 2.50 0.00	36.13 2.36 0.00	35.63 2.27 0.00	35.14 2.18 0.00	37.21 2.24 0.00	37.02 2.29 0.00	39.55 2.34 0.00	48.96 2.75 -3.22	55.27 3.45 -0.39	59.41 3.52 0.00	60.13 3.62 0.00	48.14 2.81 0.00	41.17 2.15 0.00	36.23 1.53 0.00
BOWLINE___1 23526	32.69 1.59 0.00	28.03 1.56 0.00	26.70 1.41 0.00	25.95 1.38 0.00	26.67 1.44 0.00	29.98 1.59 0.00	39.14 2.14 0.00	43.64 2.43 0.00	41.40 2.45 0.00	40.47 2.58 0.00	37.23 2.47 0.00	36.26 2.50 0.00	35.87 2.50 0.00	35.47 2.50 0.00	37.59 2.62 0.00	37.44 2.71 0.00	40.15 2.94 0.00	48.99 3.44 -2.57	55.65 3.91 -0.31	59.91 4.03 0.00	60.70 4.18 0.00	48.27 2.94 0.00	41.40 2.38 0.00	36.64 1.94 0.00
BOWLINE___2 23595	32.69 1.59 0.00	28.03 1.56 0.00	26.70 1.41 0.00	25.95 1.38 0.00	26.67 1.44 0.00	29.98 1.59 0.00	39.14 2.14 0.00	43.64 2.43 0.00	41.40 2.45 0.00	40.47 2.58 0.00	37.23 2.47 0.00	36.26 2.50 0.00	35.87 2.50 0.00	35.47 2.50 0.00	37.59 2.62 0.00	37.44 2.71 0.00	40.15 2.94 0.00	48.99 3.44 -2.57	55.65 3.91 -0.31	59.96 4.08 0.00	60.70 4.18 0.00	48.27 2.94 0.00	41.40 2.38 0.00	36.64 1.94 0.00
BRADY___115KV_TB2 356060	15.64 -0.81 14.65	15.74 -0.64 10.09	11.73 -0.56 12.99	11.03 -0.54 13.01	11.24 -0.61 13.39	12.12 -0.71 15.56	16.44 -0.89 19.66	42.97 -1.15 -2.91	18.50 -1.01 19.43	16.56 -1.21 20.12	15.07 -1.22 18.48	13.24 -1.18 19.35	9.63 -1.20 22.53	9.59 -1.19 22.19	9.86 -1.22 23.89	10.59 -1.22 22.93	13.64 -1.34 22.23	41.64 -1.33 0.01	49.84 -1.59 0.00	54.10 -1.79 0.00	54.76 -1.75 0.00	44.60 -0.73 0.00	38.71 -0.31 0.00	34.18 -0.52 0.00
BRANSCOMB___SOLAR 323811	32.78 1.68 0.00	27.97 1.51 0.00	26.77 1.49 0.00	26.00 1.42 0.00	26.72 1.49 0.00	30.07 1.67 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.40 2.45 0.00	40.24 2.35 0.00	36.82 2.05 0.00	35.62 1.86 0.00	35.10 1.73 0.00	34.68 1.71 0.00	36.82 1.85 0.00	36.71 1.98 0.00	39.33 2.12 0.00	48.82 2.54 -3.30	55.22 3.39 -0.40	59.47 3.58 0.00	60.36 3.85 0.00	48.27 2.94 0.00	41.32 2.30 0.00	36.50 1.80 0.00
BRDGHMPT_69_KV_BK1 55812	34.68 3.58 0.00	29.62 3.15 0.00	28.09 2.81 0.00	27.26 2.68 0.00	28.04 2.80 0.00	31.60 3.21 0.00	41.87 4.81 -0.07	46.44 5.23 0.00	47.00 5.34 -2.72	43.23 5.27 -0.07	39.73 4.83 -0.14	38.59 4.73 -0.10	37.87 4.40 -0.11	37.70 4.48 -0.25	39.89 4.69 -0.23	40.32 4.90 -0.69	43.53 5.40 -0.93	53.74 6.40 -4.36	64.56 7.66 -5.46	97.98 8.27 -33.82	105.27 8.42 -40.33	55.46 6.35 -3.78	51.63 5.15 -7.45	39.14 4.44 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	33.90 2.80 0.00	29.01 2.54 0.00	27.51 2.22 0.00	26.71 2.14 0.00	27.48 2.25 0.00	31.00 2.61 0.00	40.85 3.85 -0.01	45.33 4.12 0.00	43.85 4.28 -0.63	42.19 4.28 -0.01	38.89 3.96 -0.16	37.87 3.98 -0.12	37.26 3.77 -0.13	37.05 3.79 -0.30	39.20 3.95 -0.28	39.61 4.06 -0.81	42.66 4.35 -1.10	52.72 5.07 -4.66	59.73 5.86 -2.44	70.45 6.26 -8.30	72.67 6.39 -9.77	51.80 4.71 -1.76	45.46 3.79 -2.66	38.17 3.47 0.00
BRISTLHL_115KV_TB1 79998	30.64 -0.47 0.00	26.04 -0.42 0.00	24.88 -0.40 0.00	24.18 -0.39 0.00	24.83 -0.40 0.00	27.99 -0.40 0.00	36.55 -0.44 0.00	40.67 -0.54 0.00	38.36 -0.58 0.00	37.36 -0.53 0.00	34.24 -0.52 0.00	33.23 -0.54 0.00	32.83 -0.53 0.00	32.47 -0.49 0.00	34.45 -0.52 0.00	34.11 -0.63 0.00	36.58 -0.63 0.00	44.53 -0.77 -2.32	55.70 -0.93 -5.19	61.81 -0.89 -6.82	62.53 -1.02 -7.03	47.41 -0.82 -2.89	38.91 -0.70 -0.59	34.25 -0.45 0.00
BROOKHAVEN___DRP 24191	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.79 2.21 0.00	27.56 2.32 0.00	31.03 2.64 0.00	41.06 4.00 -0.07	45.45 4.24 0.00	46.05 4.40 -2.71	42.36 4.40 -0.07	38.93 4.03 -0.14	37.88 4.02 -0.10	37.17 3.70 -0.11	37.00 3.79 -0.25	39.12 3.92 -0.23	39.52 4.10 -0.69	42.60 4.46 -0.93	52.57 5.24 -4.35	62.98 6.12 -5.43	96.10 6.59 -33.62	103.33 6.73 -40.09	54.08 4.99 -3.76	50.49 4.06 -7.41	38.27 3.57 0.00
BROOKLYN_NAVY_YARD 23515	32.94 1.83 0.00	28.27 1.80 0.00	26.90 1.62 0.00	26.15 1.57 0.00	26.85 1.62 0.00	30.21 1.82 0.00	39.54 2.55 0.00	44.05 2.84 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.43 3.07 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.15 3.41 -0.01	40.93 3.65 -0.07	49.89 4.26 -2.65	56.53 4.78 -0.32	60.86 4.97 0.00	61.54 5.03 0.00	48.82 3.49 0.00	41.95 2.93 0.00	37.06 2.36 0.00
BROOKLYN___ARMY_DRP 323595	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	63.50 5.19 -6.87	66.28 5.64 -4.75	66.73 5.65 -4.56	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
BROOME_2_LFGE 323671	31.57 0.47 0.00	26.57 0.11 0.00	25.33 0.05 0.00	24.65 0.07 0.00	25.39 0.15 0.00	28.62 0.23 0.00	37.18 0.19 0.00	41.58 0.37 0.00	38.98 0.04 0.00	37.85 -0.04 0.00	34.70 -0.07 0.00	33.67 -0.10 0.00	33.30 -0.07 0.00	32.86 -0.10 0.00	34.90 -0.07 0.00	34.73 0.00 0.00	37.32 0.11 0.00	44.34 0.04 -1.32	52.75 0.15 -1.17	57.68 0.39 -1.40	58.24 0.28 -1.44	46.11 0.18 -0.59	39.38 0.24 -0.12	35.01 0.31 0.00
BROOME___LFGE 323600	31.57 0.47 0.00	26.57 0.11 0.00	25.33 0.05 0.00	24.65 0.07 0.00	25.39 0.15 0.00	28.62 0.23 0.00	37.18 0.19 0.00	41.58 0.37 0.00	38.98 0.04 0.00	37.85 -0.04 0.00	34.70 -0.07 0.00	33.67 -0.10 0.00	33.30 -0.07 0.00	32.86 -0.10 0.00	34.90 -0.07 0.00	34.73 0.00 0.00	37.32 0.11 0.00	44.34 0.04 -1.32	52.75 0.15 -1.17	57.68 0.39 -1.40	58.24 0.28 -1.44	46.11 0.18 -0.59	39.38 0.24 -0.12	35.01 0.31 0.00
BROWNFLS_115KV_TB 3_5 80003	21.11 -1.56 8.43	19.36 -1.30 5.81	16.64 -1.16 7.48	15.96 -1.13 7.49	16.34 -1.19 7.71	18.13 -1.31 8.96	24.08 -1.59 11.32	43.61 -1.81 -4.21	26.15 -1.60 11.20	24.44 -1.86 11.59	22.31 -1.81 10.65	20.79 -1.82 11.15	18.54 -1.83 12.99	18.36 -1.81 12.79	19.28 -1.92 13.77	19.64 -1.88 13.22	22.39 -2.01 12.81	41.42 -2.06 -0.50	50.43 -2.06 -1.05	54.97 -2.29 -1.37	55.62 -2.32 -1.42	44.51 -1.41 -0.58	38.09 -1.05 -0.12	33.52 -1.18 0.00
BROWNSV1_27_KV_LOAD 356125	33.22 2.11 0.00	28.48 2.01 0.00	27.10 1.82 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.41 2.02 0.00	39.84 2.85 0.00	44.47 3.26 0.00	42.37 3.43 0.00	41.38 3.49 0.00	38.07 3.30 0.00	37.18 3.41 0.00	36.77 3.40 0.00	36.39 3.43 0.00	38.57 3.60 0.00	38.46 3.72 -0.01	41.30 4.02 -0.07	50.23 4.60 -2.65	57.00 5.25 -0.32	61.47 5.59 0.00	62.11 5.60 0.00	49.27 3.94 0.00	42.26 3.24 0.00	37.37 2.67 0.00
BURROWS___LYONSDAL 23803	29.29 -0.22 1.60	25.15 -0.21 1.10	23.71 -0.15 1.42	23.01 -0.15 1.42	23.65 -0.13 1.46	26.64 -0.06 1.70	34.85 0.00 2.14	42.46 0.04 -1.21	36.91 0.08 2.11	35.51 -0.19 2.19	32.51 -0.24 2.01	31.36 -0.30 2.10	30.54 -0.37 2.45	30.19 -0.36 2.41	32.02 -0.35 2.60	31.92 -0.31 2.49	34.53 -0.26 2.42	43.39 -0.09 -0.50	52.88 0.46 -0.99	57.62 0.45 -1.28	58.29 0.45 -1.32	46.28 0.41 -0.55	39.48 0.35 -0.11	34.87 0.17 0.00
CAITHNESS_CC_1 323624	33.90 2.80 0.00	29.01 2.54 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	30.95 2.56 0.00	40.62 3.55 -0.08	44.59 3.38 0.00	45.72 4.09 -2.69	42.14 4.17 -0.08	38.66 3.76 -0.14	37.55 3.68 -0.10	37.07 3.60 -0.11	36.93 3.72 -0.25	39.05 3.85 -0.23	39.41 3.99 -0.68	42.44 4.31 -0.92	52.35 5.03 -4.34	62.70 5.86 -5.40	95.51 6.20 -33.42	102.64 6.27 -39.85	53.70 4.63 -3.74	50.29 3.90 -7.37	38.14 3.44 0.00
CALPINE BETH_PAGE_GT4 24209	33.59 2.49 0.00	28.74 2.28 0.00	27.28 2.00 0.00	26.49 1.92 0.00	27.23 1.99 0.00	30.69 2.30 0.00	40.32 3.33 0.00	44.75 3.54 0.00	42.80 3.78 -0.08	41.68 3.79 0.00	38.72 3.48 -0.48	37.62 3.51 -0.35	37.17 3.44 -0.38	37.30 3.46 -0.88	39.38 3.60 -0.81	40.82 3.72 -2.37	44.32 3.87 -3.24	56.08 4.51 -8.59	60.54 5.25 -3.87	64.47 5.59 -3.00	65.26 5.65 -3.10	52.73 4.08 -3.32	46.20 3.36 -3.82	37.67 2.95 -0.02
CALPINE_BETH_PAGE_GT_4 323586	33.59 2.49 0.00	28.74 2.28 0.00	27.28 2.00 0.00	26.50 1.92 0.00	27.23 1.99 0.00	30.69 2.30 0.00	40.18 3.18 -0.01	44.30 3.09 0.00	42.64 3.62 -0.08	41.65 3.75 -0.01	38.69 3.44 -0.48	37.56 3.45 -0.35	37.14 3.40 -0.38	37.24 3.40 -0.88	39.31 3.53 -0.81	40.75 3.65 -2.37	44.21 3.76 -3.24	56.00 4.43 -8.59	60.39 5.09 -3.87	64.20 5.31 -3.00	64.98 5.37 -3.10	52.64 3.99 -3.32	46.16 3.32 -3.82	37.67 2.95 -0.02
CALPINE_BP_GT1 23823	33.59 2.49 0.00	28.74 2.28 0.00	27.28 2.00 0.00	26.50 1.92 0.00	27.23 1.99 0.00	30.69 2.30 0.00	40.18 3.18 -0.01	44.30 3.09 0.00	42.64 3.62 -0.08	41.65 3.75 -0.01	38.69 3.44 -0.48	37.56 3.45 -0.35	37.14 3.40 -0.38	37.24 3.40 -0.88	39.31 3.53 -0.81	40.75 3.65 -2.37	44.21 3.76 -3.24	56.00 4.43 -8.59	60.39 5.09 -3.87	64.20 5.31 -3.00	64.98 5.37 -3.10	52.64 3.99 -3.32	46.16 3.32 -3.82	37.67 2.95 -0.02
CALSPAN___DRP 24200	31.57 0.47 0.00	25.20 -1.27 0.00	23.87 -1.42 0.00	23.30 -1.28 0.00	24.10 -1.14 0.00	27.25 -1.14 0.00	34.59 -2.40 0.00	38.98 -2.23 0.00	34.85 -3.47 0.62	34.22 -3.41 0.26	31.64 -3.13 0.00	30.59 -3.17 0.00	30.29 -3.07 0.00	29.93 -3.03 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.27 -2.94 0.00	39.15 -3.61 0.22	47.27 -4.22 -0.05	52.59 -3.30 0.00	52.79 -3.73 0.00	42.29 -3.04 0.00	36.99 -2.03 0.00	33.55 -1.15 0.00

CALVERTON___SOLAR 323806	34.15 3.05 0.00	29.19 2.73 0.00	27.69 2.40 0.00	26.86 2.29 0.00	27.63 2.40 0.00	31.14 2.75 0.00	40.92 3.85 -0.08	44.92 3.71 0.00	46.06 4.40 -2.72	42.44 4.47 -0.08	38.90 4.00 -0.14	37.75 3.88 -0.10	37.27 3.80 -0.11	37.13 3.92 -0.25	39.26 4.05 -0.23	39.65 4.24 -0.69	42.79 4.65 -0.93	52.79 5.46 -4.35	63.31 6.43 -5.45	96.44 6.82 -33.73	103.69 6.95 -40.23	54.27 5.17 -3.77	50.79 4.33 -7.43	38.45 3.75 0.00
CANDIGU_WT_PWR 323617	30.95 -0.15 0.00	25.41 -1.06 0.00	24.15 -1.14 0.00	23.57 -1.01 0.00	24.40 -0.83 0.00	27.57 -0.82 0.00	35.55 -1.44 0.00	39.97 -1.24 0.00	33.96 -1.98 3.00	34.32 -2.31 1.26	32.64 -2.12 0.00	31.71 -2.06 0.00	31.33 -2.04 0.00	30.89 -2.08 0.00	32.87 -2.10 0.00	32.82 -1.91 0.00	35.46 -1.75 0.00	37.98 -2.24 2.77	49.92 -2.16 -0.64	55.25 -1.39 -0.75	55.71 -1.58 -0.78	44.43 -1.22 -0.32	38.27 -0.82 -0.06	34.35 -0.35 0.00
CARR STREET_E_SYR 24060	30.89 -0.22 0.00	26.25 -0.21 0.00	25.06 -0.23 0.00	24.36 -0.22 0.00	25.01 -0.23 0.00	28.19 -0.20 0.00	36.81 -0.18 0.00	41.01 -0.21 0.00	38.63 -0.31 0.00	37.66 -0.23 0.00	34.52 -0.24 0.00	33.49 -0.27 0.00	33.13 -0.23 0.00	32.73 -0.23 0.00	34.73 -0.24 0.00	34.38 -0.35 0.00	36.87 -0.34 0.00	43.62 -0.43 -1.07	52.84 -0.61 -2.02	57.90 -0.61 -2.63	58.49 -0.74 -2.71	45.85 -0.59 -1.11	38.86 -0.39 -0.23	34.53 -0.17 0.00
CARTHAGE___PAPER 23857	26.70 -0.90 3.50	23.26 -0.79 2.41	21.47 -0.71 3.11	20.78 -0.69 3.11	21.38 -0.66 3.20	24.05 -0.62 3.72	31.59 -0.70 4.70	42.39 -0.74 -1.92	33.56 -0.74 4.65	31.98 -1.10 4.81	29.16 -1.18 4.42	27.86 -1.28 4.63	26.64 -1.34 5.39	26.37 -1.29 5.31	27.93 -1.33 5.71	28.00 -1.25 5.48	30.59 -1.30 5.32	42.87 -1.07 -0.96	52.92 -0.56 -2.06	58.02 -0.56 -2.70	58.67 -0.62 -2.78	46.20 -0.27 -1.14	39.02 -0.23 -0.23	34.28 -0.41 0.00
CASSADAGA_WT_PWR 323784	32.35 1.25 0.00	25.67 -0.79 0.00	24.30 -0.99 0.00	23.77 -0.81 0.00	24.73 -0.50 0.00	27.88 -0.51 0.00	35.73 -1.26 0.00	40.55 -0.66 0.00	36.92 -1.60 0.43	35.40 -2.31 0.18	32.71 -2.05 0.00	31.74 -2.03 0.00	31.43 -1.94 0.00	30.89 -2.08 0.00	33.01 -1.96 0.00	32.82 -1.91 0.00	35.42 -1.79 0.00	40.39 -2.58 0.02	48.92 -2.57 -0.06	54.15 -1.73 0.00	54.43 -2.09 0.00	43.65 -1.68 0.00	38.09 -0.94 0.00	34.46 -0.24 0.00
CE_DUNWOOD___DRP 24194	32.84 1.74 0.00	28.16 1.69 0.00	26.85 1.57 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.93 2.72 0.00	41.83 2.88 0.00	40.77 2.88 0.00	37.51 2.75 0.00	36.57 2.80 0.00	36.13 2.77 0.00	35.76 2.80 0.00	37.91 2.94 0.00	37.75 3.02 0.00	40.48 3.27 0.00	49.41 3.78 -2.64	56.07 4.32 -0.32	60.47 4.58 0.00	61.21 4.69 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.85 2.15 0.00
CE_MILLWOOD___DRP 24193	32.78 1.68 0.00	28.13 1.67 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.78 1.54 0.00	30.07 1.68 0.00	39.28 2.29 0.00	43.85 2.64 0.00	41.71 2.77 0.00	40.66 2.77 0.00	37.41 2.64 0.00	36.47 2.70 0.00	36.03 2.67 0.00	35.67 2.70 0.00	37.80 2.83 0.00	37.65 2.92 0.00	40.37 3.16 0.00	49.27 3.65 -2.63	55.91 4.17 -0.32	60.30 4.42 0.00	61.04 4.52 0.00	48.50 3.17 0.00	41.56 2.54 0.00	36.75 2.05 0.00
CE_NYC2_DRP 24202	33.03 1.93 0.00	28.40 1.93 0.00	27.03 1.74 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.22 3.01 0.00	42.18 3.23 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.97 3.21 0.00	36.60 3.24 0.00	38.55 3.26 -2.33	40.29 3.43 -1.89	40.89 3.51 -2.65	46.73 3.80 -5.73	55.52 4.38 -8.15	54.53 4.89 1.79	59.29 5.25 1.85	60.00 5.26 1.77	48.91 3.58 0.00	41.95 2.93 0.00	37.13 2.43 0.00
CE_NYC_DRP 24195	33.06 1.96 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.29 1.90 0.00	39.65 2.66 0.00	44.26 3.05 0.00	42.22 3.27 0.00	41.19 3.30 0.00	37.89 3.13 0.00	37.01 3.24 0.00	36.60 3.24 0.00	36.23 3.26 0.00	38.36 3.39 0.00	38.25 3.51 -0.01	41.07 3.80 -0.07	49.97 4.34 -2.65	56.64 4.89 -0.32	61.14 5.25 0.00	61.77 5.26 0.00	49.00 3.67 0.00	42.03 3.00 0.00	37.16 2.46 0.00
CHAFFEE___LFGE 323603	31.32 0.22 0.00	25.20 -1.27 0.00	23.82 -1.47 0.00	23.30 -1.28 0.00	24.23 -1.01 0.00	27.28 -1.11 0.00	34.92 -2.07 0.00	39.48 -1.73 0.00	36.04 -2.69 0.22	34.50 -3.30 0.09	31.81 -2.96 0.00	30.90 -2.87 0.00	30.56 -2.80 0.00	30.03 -2.93 0.00	31.61 -3.36 0.00	31.50 -3.23 0.00	34.05 -3.16 0.00	39.37 -3.52 0.09	47.68 -3.81 -0.06	52.76 -3.13 0.00	52.90 -3.62 0.00	42.38 -2.95 0.00	36.99 -2.03 0.00	33.56 -1.14 0.00
CHATEAUG_35_KV_LOAD 355732	14.05 -1.34 15.71	14.61 -1.03 10.82	10.36 -0.99 13.94	9.54 -1.08 13.96	9.59 -1.29 14.36	10.09 -1.62 16.69	13.79 -2.11 21.09	-2.61 -2.43 41.39	16.14 -1.75 21.06	14.35 -1.74 21.80	13.04 -1.70 20.02	11.08 -1.72 20.97	7.18 -1.77 24.42	7.11 -1.81 24.04	7.09 -1.99 25.89	7.91 -1.98 24.84	10.92 -2.20 24.09	40.61 -2.36 0.01	48.81 -2.62 0.00	53.09 -2.79 0.00	53.92 -2.60 0.00	43.74 -1.59 0.00	38.05 -0.98 0.00	33.76 -0.94 0.00
CHATEAUG_WT_PWR 323614	13.77 -1.31 16.02	14.42 -1.01 11.04	10.11 -0.96 14.21	9.29 -1.06 14.23	9.33 -1.26 14.64	9.81 -1.56 17.01	13.41 -2.07 21.51	0.37 -2.39 38.45	15.75 -1.71 21.48	14.02 -1.63 22.24	12.70 -1.63 20.43	10.75 -1.62 21.39	6.75 -1.70 24.91	6.68 -1.75 24.53	6.70 -1.85 26.41	7.50 -1.88 25.35	10.47 -2.16 24.58	40.65 -2.32 0.01	48.76 -2.68 0.00	53.26 -2.63 0.00	54.03 -2.49 0.00	43.79 -1.54 0.00	38.05 -0.97 0.00	33.76 -0.94 0.00
CHAT_HIGH_FALL_HYD 323578	14.05 -1.34 15.71	14.61 -1.03 10.82	10.36 -0.99 13.94	9.54 -1.08 13.96	9.59 -1.29 14.36	10.09 -1.62 16.69	13.79 -2.11 21.09	-2.61 -2.43 41.39	16.14 -1.75 21.06	14.35 -1.74 21.80	13.04 -1.70 20.02	11.08 -1.72 20.97	7.18 -1.77 24.42	7.11 -1.81 24.04	7.09 -1.99 25.89	7.91 -1.98 24.84	10.92 -2.20 24.09	40.61 -2.36 0.01	48.81 -2.62 0.00	53.09 -2.79 0.00	53.92 -2.60 0.00	43.74 -1.59 0.00	38.05 -0.98 0.00	33.76 -0.94 0.00
CHAUTAUQUA___LFGE 323629	32.13 1.02 0.00	25.62 -0.85 0.00	24.25 -1.04 0.00	23.72 -0.86 0.00	24.68 -0.56 0.00	27.79 -0.60 0.00	35.55 -1.44 0.00	40.26 -0.95 0.00	36.59 -1.83 0.52	35.13 -2.54 0.22	32.47 -2.30 0.00	31.50 -2.26 0.00	31.19 -2.17 0.00	30.72 -2.24 0.00	32.77 -2.20 0.00	32.58 -2.15 0.00	35.23 -1.97 0.00	39.97 -2.88 0.13	48.50 -2.98 -0.06	53.65 -2.24 0.00	53.92 -2.60 0.00	43.24 -2.08 0.00	37.74 -1.29 0.00	34.18 -0.52 0.00
CHERRYST_13_KV_LD 356241	33.16 2.05 0.00	28.42 1.96 0.00	27.08 1.80 0.00	26.30 1.72 0.00	27.03 1.79 0.00	30.38 1.99 0.00	39.77 2.77 0.00	44.38 3.17 0.00	42.33 3.39 0.00	41.34 3.45 0.00	38.03 3.27 0.00	37.14 3.38 0.00	36.73 3.37 0.00	36.36 3.40 0.00	38.54 3.57 0.00	38.39 3.65 -0.01	41.22 3.94 -0.07	50.19 4.56 -2.65	56.84 5.09 -0.32	61.31 5.42 0.00	61.94 5.43 0.00	49.14 3.81 0.00	42.14 3.12 0.00	37.27 2.57 0.00

CHESTROR_138KV_BK263 355645	32.44 1.34 0.00	27.82 1.35 0.00	26.50 1.21 0.00	25.76 1.18 0.00	26.47 1.24 0.00	29.78 1.39 0.00	38.84 1.85 0.00	43.31 2.10 0.00	41.16 2.22 0.00	40.09 2.20 0.00	36.82 2.05 0.00	35.86 2.09 0.00	35.46 2.10 0.00	35.07 2.11 0.00	37.14 2.17 0.00	36.99 2.26 0.00	39.70 2.49 0.00	48.32 2.88 -2.46	55.07 3.34 -0.30	59.41 3.52 0.00	60.25 3.73 0.00	47.96 2.63 0.00	41.09 2.07 0.00	36.40 1.70 0.00
CH_MIDHUDSON___DRP 24192	32.69 1.59 0.00	28.05 1.59 0.00	26.75 1.47 0.00	25.98 1.40 0.00	26.70 1.46 0.00	30.01 1.62 0.00	39.21 2.22 0.00	43.77 2.56 0.00	41.59 2.65 0.00	40.47 2.58 0.00	37.20 2.43 0.00	36.20 2.43 0.00	35.76 2.40 0.00	35.37 2.41 0.00	37.45 2.48 0.00	37.34 2.60 0.00	40.04 2.83 0.00	48.98 3.31 -2.69	55.61 3.86 -0.32	59.97 4.08 0.00	60.76 4.24 0.00	48.32 2.99 0.00	41.40 2.38 0.00	36.64 1.94 0.00
CH_MISC_IPPS 23765	32.75 1.65 0.00	28.08 1.61 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.75 1.51 0.00	30.09 1.70 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.63 2.69 0.00	40.58 2.69 0.00	37.23 2.47 0.00	36.23 2.46 0.00	35.83 2.47 0.00	35.44 2.47 0.00	37.52 2.55 0.00	37.41 2.67 0.00	40.15 2.94 0.00	49.11 3.48 -2.64	55.81 4.06 -0.32	60.13 4.25 0.00	60.93 4.41 0.00	48.50 3.17 0.00	41.60 2.57 0.00	36.82 2.12 0.00
CH_RES_BVR_FALLS 23983	5.88 -1.15 24.08	8.96 -0.93 16.58	3.04 -0.89 21.36	2.33 -0.86 21.38	2.35 -0.88 22.00	1.86 -0.97 25.57	3.42 -1.26 32.32	39.69 -1.52 0.00	5.67 -1.28 31.99	3.52 -1.25 33.12	3.24 -1.11 30.42	0.83 -1.08 31.85	-4.80 -1.07 37.09	-4.62 -1.06 36.53	-5.48 -1.12 39.33	-4.13 -1.11 37.75	-0.58 -1.19 36.60	41.59 -1.38 0.01	49.78 -1.65 0.00	54.21 -1.68 0.00	54.88 -1.64 0.00	44.29 -1.04 0.00	38.28 -0.74 0.00	34.01 -0.69 0.00
CH_RES_NIAGARA 23895	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.80 0.00	22.95 -1.62 0.00	23.75 -1.49 0.00	26.83 -1.56 0.00	33.85 -3.14 0.00	38.12 -3.09 0.00	34.04 -4.40 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	29.92 -3.85 0.00	29.59 -3.77 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.41 -4.47 0.10	46.13 -5.35 -0.05	51.14 -4.75 0.00	51.26 -5.26 0.00	41.07 -4.26 0.00	36.02 -3.00 0.00	32.79 -1.91 0.00
CH_RES_SYRACUSE 23985	31.01 -0.09 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.09 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.77 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.26 -0.26 -1.54	54.24 -0.31 -3.12	59.74 -0.22 -4.07	60.38 -0.34 -4.20	46.79 -0.27 -1.73	39.14 -0.23 -0.35	34.66 -0.03 0.00
CLINTON_WT_PWR 323605	13.77 -1.31 16.02	14.42 -1.01 11.04	10.11 -0.96 14.21	9.29 -1.06 14.23	9.33 -1.26 14.64	9.81 -1.56 17.01	13.41 -2.07 21.51	0.37 -2.39 38.45	15.75 -1.71 21.48	14.02 -1.63 22.24	12.70 -1.63 20.43	10.75 -1.62 21.39	6.75 -1.70 24.91	6.68 -1.75 24.53	6.70 -1.85 26.41	7.50 -1.88 25.35	10.47 -2.16 24.58	40.65 -2.32 0.01	48.76 -2.68 0.00	53.26 -2.63 0.00	54.03 -2.49 0.00	43.79 -1.54 0.00	38.05 -0.97 0.00	33.76 -0.94 0.00
CLINTON___LFGE 323618	14.14 -1.03 15.94	14.69 -0.79 10.98	10.36 -0.78 14.14	9.58 -0.84 14.16	9.63 -1.04 14.57	10.13 -1.33 16.93	13.86 -1.74 21.40	0.01 -1.98 39.22	16.21 -1.36 21.37	14.44 -1.33 22.13	13.09 -1.36 20.32	11.10 -1.39 21.28	7.15 -1.43 24.78	7.08 -1.48 24.40	7.40 -1.29 26.27	8.19 -1.32 25.22	10.90 -1.86 24.45	41.00 -1.98 0.01	49.22 -2.21 0.00	53.82 -2.07 0.00	54.54 -1.98 0.00	44.24 -1.09 0.00	38.51 -0.51 0.00	34.11 -0.59 0.00
COBBLENY_34_KV_TB1 80064	31.32 0.22 0.00	25.20 -1.27 0.00	23.82 -1.47 0.00	23.30 -1.28 0.00	24.15 -1.09 0.00	27.28 -1.11 0.00	34.73 -2.26 0.00	39.27 -1.94 0.00	35.53 -3.19 0.22	34.50 -3.30 0.09	31.81 -2.96 0.00	30.76 -3.01 0.00	30.46 -2.90 0.00	30.06 -2.90 0.00	31.61 -3.36 0.00	31.50 -3.23 0.00	34.05 -3.16 0.00	39.37 -3.52 0.09	47.37 -4.11 -0.06	52.76 -3.13 0.00	52.90 -3.62 0.00	42.38 -2.95 0.00	37.03 -1.99 0.00	33.55 -1.15 0.00
COFFEEN___115KV_TB3 355620	27.70 -0.53 2.88	23.96 -0.53 1.98	22.30 -0.43 2.55	21.58 -0.44 2.55	22.23 -0.38 2.63	25.05 -0.28 3.05	32.91 -0.22 3.86	42.59 -0.21 -1.59	34.86 -0.27 3.82	33.18 -0.76 3.95	30.30 -0.83 3.63	28.99 -0.98 3.80	27.90 -1.03 4.43	27.58 -1.02 4.36	29.26 -1.01 4.69	29.29 -0.94 4.50	31.95 -0.89 4.37	43.57 -0.56 -1.15	53.90 0.00 -2.47	59.24 0.11 -3.24	59.91 0.06 -3.34	46.89 0.18 -1.37	39.46 0.16 -0.28	34.63 -0.07 0.00
COLDSPRG_115KV_BK1 355956	32.53 1.43 0.00	25.83 -0.64 0.00	24.45 -0.83 0.00	23.89 -0.69 0.00	24.76 -0.48 0.00	28.02 -0.37 0.00	35.77 -1.22 0.00	40.51 -0.70 0.00	36.64 -2.03 0.28	35.61 -2.16 0.12	32.85 -1.91 0.00	31.74 -2.03 0.00	31.43 -1.94 0.00	30.98 -1.98 0.00	33.08 -1.89 0.00	32.86 -1.88 0.00	35.46 -1.75 0.00	40.62 -2.54 -0.17	48.66 -2.83 -0.06	54.32 -1.56 0.00	54.54 -1.98 0.00	43.70 -1.63 0.00	38.13 -0.90 0.00	34.42 -0.28 0.00
COLONIE_LFGE___ 323577	32.53 1.43 0.00	27.81 1.35 0.00	26.60 1.31 0.00	25.83 1.25 0.00	26.55 1.31 0.00	29.87 1.48 0.00	39.02 2.03 0.00	43.52 2.31 0.00	41.12 2.18 0.00	39.97 2.08 0.00	36.68 1.91 0.00	35.59 1.82 0.00	35.10 1.73 0.00	34.68 1.71 0.00	36.79 1.82 0.00	36.64 1.91 0.00	39.18 1.97 0.00	48.48 2.23 -3.27	54.70 2.88 -0.39	58.79 2.90 0.00	59.51 2.99 0.00	47.64 2.31 0.00	40.78 1.76 0.00	36.02 1.32 0.00
COOPERNY_115KV_TB1 80082	32.16 1.06 0.00	27.52 1.06 0.00	26.24 0.96 0.00	25.51 0.93 0.00	26.22 0.98 0.00	29.50 1.11 0.00	38.47 1.48 0.00	42.90 1.69 0.00	40.70 1.75 0.00	39.63 1.74 0.00	36.40 1.63 0.00	35.42 1.65 0.00	35.03 1.67 0.00	34.64 1.68 0.00	36.68 1.71 0.00	36.57 1.84 0.00	39.22 2.01 0.00	47.28 2.36 -1.94	54.34 2.67 -0.23	58.68 2.79 0.00	59.51 3.00 0.00	47.46 2.13 0.00	40.74 1.72 0.00	36.09 1.39 0.00
COPENHAGEN_WT_PWR 323753	27.71 -0.68 2.71	23.96 -0.64 1.87	22.32 -0.56 2.40	21.63 -0.54 2.41	22.26 -0.50 2.48	25.06 -0.46 2.88	32.87 -0.48 3.64	42.26 -0.45 -1.50	34.88 -0.47 3.59	33.34 -0.83 3.72	30.44 -0.90 3.42	29.14 -1.05 3.58	28.13 -1.07 4.17	27.80 -1.06 4.10	29.47 -1.08 4.42	29.48 -1.01 4.24	32.05 -1.04 4.11	43.36 -0.82 -1.20	53.66 -0.36 -2.58	58.99 -0.28 -3.38	59.67 -0.34 -3.49	46.63 -0.14 -1.44	39.20 -0.12 -0.29	34.46 -0.24 0.00
CORNELL_____ 23752	31.69 0.59 0.00	26.76 0.29 0.00	25.51 0.23 0.00	24.82 0.25 0.00	25.51 0.28 0.00	28.82 0.43 0.00	37.55 0.55 0.00	41.91 0.70 0.00	39.49 0.35 -0.19	38.31 0.34 -0.08	34.97 0.21 0.00	33.94 0.17 0.00	33.53 0.17 0.00	33.13 0.16 0.00	35.18 0.21 0.00	34.97 0.24 0.00	37.65 0.45 0.00	45.02 0.56 -1.48	53.86 0.82 -1.61	59.08 1.17 -2.02	59.68 1.07 -2.09	47.00 0.82 -0.86	39.94 0.74 -0.17	35.43 0.73 0.00

CORONA__69_KV_TB1 355595	33.56 2.46 0.00	28.69 2.22 0.00	27.26 1.97 0.00	26.47 1.89 0.00	27.20 1.97 0.00	30.66 2.27 0.00	40.32 3.33 0.00	44.84 3.63 0.00	42.78 3.82 -0.02	41.68 3.79 0.00	41.77 3.48 -3.53	39.80 3.51 -2.52	39.61 3.50 -2.74	43.27 3.49 -6.82	45.20 3.67 -6.56	58.56 3.75 -20.08	68.87 4.09 -27.57	100.86 4.77 -53.11	86.37 5.45 -29.49	79.92 5.81 -18.22	80.04 5.88 -17.65	77.19 4.31 -27.56	69.89 3.59 -27.28	37.90 2.98 -0.21
CORTLAND__115KV_TB3 80093	31.51 0.40 0.00	26.68 0.21 0.00	25.46 0.18 0.00	24.75 0.17 0.00	25.44 0.20 0.00	28.70 0.31 0.00	37.44 0.44 0.00	41.75 0.54 0.00	39.33 0.31 -0.07	38.19 0.27 -0.03	34.94 0.17 0.00	33.90 0.14 0.00	33.50 0.13 0.00	33.09 0.13 0.00	35.15 0.17 0.00	34.90 0.17 0.00	37.47 0.26 0.00	44.48 0.30 -1.20	53.67 0.46 -1.77	58.82 0.67 -2.26	59.47 0.62 -2.33	46.74 0.45 -0.96	39.61 0.39 -0.19	35.15 0.45 0.00
COXSACKIE__GT 23611	32.53 1.43 0.00	27.79 1.32 0.00	26.60 1.31 0.00	25.85 1.28 0.00	26.57 1.34 0.00	29.95 1.56 0.00	39.14 2.14 0.00	43.64 2.43 0.00	41.08 2.14 0.00	39.63 1.74 0.00	36.09 1.32 0.00	34.91 1.15 0.00	34.50 1.13 0.00	34.08 1.12 0.00	36.23 1.26 0.00	36.19 1.46 0.00	38.96 1.75 0.00	47.96 1.89 -3.09	55.05 3.24 -0.37	59.47 3.58 0.00	60.30 3.79 0.00	48.14 2.81 0.00	41.32 2.30 0.00	36.68 1.98 0.00
CPV__VALLEY__CC1 323721	32.25 1.15 0.00	27.60 1.14 0.00	26.32 1.04 0.00	25.58 1.01 0.00	26.30 1.06 0.00	29.55 1.16 0.00	38.54 1.55 0.00	42.98 1.77 0.00	40.77 1.83 0.00	39.78 1.89 0.00	36.57 1.81 0.00	35.59 1.82 0.00	35.20 1.83 0.00	34.84 1.88 0.00	36.89 1.92 0.00	36.71 1.98 0.00	39.40 2.19 0.00	47.81 2.54 -2.29	54.59 2.88 -0.28	58.90 3.02 0.00	59.74 3.22 0.00	47.64 2.31 0.00	40.86 1.83 0.00	36.19 1.49 0.00
CPV__VALLEY__CC2 323722	32.25 1.15 0.00	27.60 1.14 0.00	26.32 1.04 0.00	25.58 1.01 0.00	26.30 1.06 0.00	29.55 1.16 0.00	38.54 1.55 0.00	42.98 1.77 0.00	40.77 1.83 0.00	39.78 1.89 0.00	36.57 1.81 0.00	35.59 1.82 0.00	35.20 1.83 0.00	34.84 1.88 0.00	36.89 1.92 0.00	36.71 1.98 0.00	39.40 2.19 0.00	47.81 2.54 -2.29	54.59 2.88 -0.28	58.90 3.02 0.00	59.74 3.22 0.00	47.64 2.31 0.00	40.86 1.83 0.00	36.19 1.49 0.00
CRESCENT__HYD 24018	32.53 1.43 0.00	27.81 1.35 0.00	26.60 1.31 0.00	25.83 1.25 0.00	26.55 1.31 0.00	29.87 1.48 0.00	39.02 2.03 0.00	43.52 2.31 0.00	41.12 2.18 0.00	39.97 2.08 0.00	36.68 1.91 0.00	35.59 1.82 0.00	35.10 1.73 0.00	34.68 1.71 0.00	36.79 1.82 0.00	36.64 1.91 0.00	39.18 1.97 0.00	48.48 2.23 -3.27	54.70 2.88 -0.39	58.79 2.90 0.00	59.51 2.99 0.00	47.64 2.31 0.00	40.78 1.76 0.00	36.02 1.32 0.00
CRICKET__VALLEY_CC1 323756	32.53 1.43 0.00	27.97 1.51 0.00	26.67 1.39 0.00	25.90 1.33 0.00	26.62 1.39 0.00	29.89 1.50 0.00	38.99 2.00 0.00	43.48 2.27 0.00	41.20 2.26 0.00	40.20 2.31 0.00	36.99 2.23 0.00	35.99 2.23 0.00	35.56 2.20 0.00	35.14 2.18 0.00	37.21 2.24 0.00	37.06 2.33 0.00	39.70 2.49 0.00	48.69 2.92 -2.79	55.16 3.39 -0.33	59.35 3.47 0.00	60.08 3.56 0.00	47.91 2.58 0.00	41.05 2.03 0.00	36.22 1.53 0.00
CRICKET__VALLEY_CC2 323757	32.53 1.43 0.00	27.97 1.51 0.00	26.67 1.39 0.00	25.90 1.33 0.00	26.62 1.39 0.00	29.89 1.50 0.00	38.99 2.00 0.00	43.48 2.27 0.00	41.20 2.26 0.00	40.20 2.31 0.00	36.99 2.23 0.00	35.99 2.23 0.00	35.56 2.20 0.00	35.14 2.18 0.00	37.21 2.24 0.00	37.06 2.33 0.00	39.70 2.49 0.00	48.69 2.92 -2.79	55.16 3.39 -0.33	59.35 3.47 0.00	60.08 3.56 0.00	47.91 2.58 0.00	41.05 2.03 0.00	36.22 1.53 0.00
CRICKET__VALLEY_CC3 323758	32.53 1.43 0.00	27.97 1.51 0.00	26.67 1.39 0.00	25.90 1.33 0.00	26.62 1.39 0.00	29.89 1.50 0.00	38.99 2.00 0.00	43.48 2.27 0.00	41.20 2.26 0.00	40.20 2.31 0.00	36.99 2.23 0.00	35.99 2.23 0.00	35.56 2.20 0.00	35.14 2.18 0.00	37.21 2.24 0.00	37.06 2.33 0.00	39.70 2.49 0.00	48.69 2.92 -2.79	55.16 3.39 -0.33	59.35 3.47 0.00	60.08 3.56 0.00	47.91 2.58 0.00	41.05 2.03 0.00	36.22 1.53 0.00
CRUCIBLE__METL_DRP 24180	31.01 -0.09 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.26 -0.26 -1.54	54.24 -0.31 -3.12	59.74 -0.22 -4.07	60.38 -0.34 -4.20	46.79 -0.27 -1.73	39.18 -0.20 -0.35	34.66 -0.03 0.00
DAHOWA__HYDRO 323763	32.84 1.74 0.00	28.05 1.59 0.00	26.83 1.54 0.00	26.05 1.47 0.00	26.80 1.57 0.00	30.15 1.76 0.00	39.39 2.40 0.00	44.01 2.80 0.00	41.55 2.61 0.00	40.35 2.46 0.00	36.89 2.12 0.00	35.69 1.92 0.00	35.20 1.83 0.00	34.77 1.81 0.00	36.93 1.96 0.00	36.81 2.08 0.00	39.48 2.27 0.00	49.00 2.71 -3.31	55.48 3.65 -0.40	59.74 3.85 0.00	60.64 4.12 0.00	48.45 3.13 0.00	41.48 2.46 0.00	36.64 1.94 0.00
DANC__LFGE 323619	28.60 -0.71 1.79	24.60 -0.64 1.23	23.11 -0.58 1.59	22.40 -0.59 1.59	23.02 -0.58 1.64	25.95 -0.54 1.90	33.99 -0.59 2.41	41.66 -0.58 -1.02	35.98 -0.58 2.38	34.63 -0.80 2.46	31.67 -0.83 2.26	30.49 -0.91 2.37	29.67 -0.93 2.76	29.33 -0.92 2.71	31.11 -0.94 2.92	30.99 -0.94 2.81	33.52 -0.97 2.72	43.55 -0.90 -1.47	53.95 -0.67 -3.19	59.40 -0.67 -4.18	60.09 -0.74 -4.31	46.61 -0.50 -1.77	38.99 -0.39 -0.36	34.32 -0.38 0.00
DANSKAMMER__1 23586	32.75 1.65 0.00	28.08 1.61 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.75 1.51 0.00	30.09 1.70 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.63 2.69 0.00	40.58 2.69 0.00	37.23 2.47 0.00	36.23 2.46 0.00	35.83 2.47 0.00	35.44 2.47 0.00	37.52 2.55 0.00	37.41 2.67 0.00	40.15 2.94 0.00	49.11 3.48 -2.64	55.81 4.06 -0.32	60.13 4.25 0.00	60.93 4.41 0.00	48.50 3.17 0.00	41.60 2.57 0.00	36.82 2.12 0.00
DANSKAMMER__2 23589	32.75 1.65 0.00	28.08 1.61 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.75 1.51 0.00	30.09 1.70 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.63 2.69 0.00	40.58 2.69 0.00	37.23 2.47 0.00	36.23 2.46 0.00	35.83 2.47 0.00	35.44 2.47 0.00	37.52 2.55 0.00	37.41 2.67 0.00	40.15 2.94 0.00	49.11 3.48 -2.64	55.81 4.06 -0.32	60.13 4.25 0.00	60.93 4.41 0.00	48.50 3.17 0.00	41.60 2.57 0.00	36.82 2.12 0.00
DANSKAMMER__3 23590	32.75 1.65 0.00	28.08 1.61 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.75 1.51 0.00	30.09 1.70 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.63 2.69 0.00	40.58 2.69 0.00	37.23 2.47 0.00	36.23 2.46 0.00	35.83 2.47 0.00	35.44 2.47 0.00	37.52 2.55 0.00	37.41 2.67 0.00	40.15 2.94 0.00	49.11 3.48 -2.64	55.81 4.06 -0.32	60.13 4.25 0.00	60.93 4.41 0.00	48.50 3.17 0.00	41.60 2.57 0.00	36.82 2.12 0.00

DANSKAMMER___4 23591	32.75 1.65 0.00	28.08 1.61 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.75 1.51 0.00	30.09 1.70 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.63 2.69 0.00	40.58 2.69 0.00	37.23 2.47 0.00	36.23 2.46 0.00	35.83 2.47 0.00	35.44 2.47 0.00	37.52 2.55 0.00	37.41 2.67 0.00	40.15 2.94 0.00	49.11 3.48 -2.64	55.81 4.06 -0.32	60.13 4.25 0.00	60.93 4.41 0.00	48.50 3.17 0.00	41.60 2.57 0.00	36.82 2.12 0.00
DANSKAMMER___DIESEL 23592	32.75 1.65 0.00	28.08 1.61 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.75 1.51 0.00	30.09 1.70 0.00	39.32 2.33 0.00	43.89 2.68 0.00	41.71 2.77 0.00	40.58 2.69 0.00	37.27 2.50 0.00	36.26 2.50 0.00	35.86 2.50 0.00	35.43 2.47 0.00	37.52 2.55 0.00	37.41 2.67 0.00	40.15 2.94 0.00	49.11 3.48 -2.64	55.81 4.06 -0.32	60.19 4.30 0.00	61.04 4.52 0.00	48.50 3.17 0.00	41.60 2.58 0.00	36.82 2.12 0.00
DARBY___SOLAR 323810	32.78 1.68 0.00	28.00 1.53 0.00	26.77 1.49 0.00	26.00 1.42 0.00	26.72 1.49 0.00	30.07 1.67 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.40 2.45 0.00	40.24 2.35 0.00	36.78 2.02 0.00	35.62 1.86 0.00	35.13 1.77 0.00	34.68 1.71 0.00	36.86 1.89 0.00	36.74 2.01 0.00	39.37 2.16 0.00	48.91 2.62 -3.30	55.33 3.50 -0.40	59.57 3.69 0.00	60.41 3.90 0.00	48.32 2.99 0.00	41.36 2.34 0.00	36.54 1.84 0.00
DASHVILLE___HYD 23610	32.60 1.49 0.00	27.95 1.48 0.00	26.65 1.37 0.00	25.90 1.33 0.00	26.62 1.39 0.00	29.90 1.50 0.00	39.06 2.07 0.00	43.52 2.31 0.00	41.36 2.41 0.00	40.24 2.35 0.00	36.92 2.16 0.00	35.93 2.16 0.00	35.53 2.17 0.00	35.14 2.18 0.00	37.17 2.20 0.00	37.06 2.33 0.00	39.78 2.57 0.00	48.32 2.62 -2.71	55.26 3.50 -0.33	59.63 3.74 0.00	60.42 3.90 0.00	48.09 2.77 0.00	41.29 2.26 0.00	36.57 1.87 0.00
DELAWARE___LFGE 323621	32.10 1.00 0.00	27.26 0.79 0.00	26.07 0.78 0.00	25.34 0.76 0.00	26.04 0.81 0.00	29.33 0.94 0.00	38.21 1.22 0.00	42.69 1.48 0.00	40.31 1.36 0.00	39.14 1.25 0.00	35.91 1.15 0.00	34.85 1.08 0.00	34.43 1.07 0.00	34.02 1.05 0.00	36.09 1.12 0.00	35.95 1.22 0.00	38.62 1.41 0.00	46.01 1.63 -1.39	54.04 1.95 -0.66	58.69 2.12 -0.68	59.36 2.15 -0.70	47.25 1.63 -0.29	40.45 1.37 -0.06	35.84 1.15 0.00
DERFIELD_115KV_TB7 355931	32.28 0.09 -1.08	27.29 0.08 -0.74	26.34 0.10 -0.96	25.64 0.10 -0.96	26.32 0.10 -0.99	29.68 0.14 -1.15	38.63 0.18 -1.45	41.42 0.21 0.00	40.63 0.23 -1.45	39.58 0.19 -1.50	36.35 0.21 -1.38	35.41 0.20 -1.44	35.21 0.17 -1.68	34.78 0.16 -1.65	36.93 0.17 -1.78	36.61 0.17 -1.71	39.05 0.19 -1.66	43.15 0.17 0.00	51.64 0.21 0.00	56.11 0.22 0.00	56.74 0.23 0.00	45.47 0.14 0.00	39.10 0.08 0.00	34.77 0.07 0.00
DOGLEVILLE___HYD 23807	31.00 -1.18 -1.08	26.26 -0.95 -0.74	25.38 -0.86 -0.96	24.73 -0.81 -0.96	25.42 -0.81 -0.99	28.72 -0.82 -1.15	37.44 -1.00 -1.45	40.14 -1.07 0.00	39.50 -0.90 -1.45	38.52 -0.87 -1.50	35.38 -0.76 -1.38	34.40 -0.81 -1.44	34.11 -0.93 -1.68	33.56 -1.05 -1.65	35.60 -1.15 -1.78	35.29 -1.15 -1.71	37.56 -1.30 -1.66	41.48 -1.50 0.00	49.73 -1.70 0.00	54.04 -1.84 0.00	54.82 -1.70 0.00	44.01 -1.31 0.00	37.89 -1.13 0.00	33.69 -1.01 0.00
DUNKIRK___115KV_TB_200 55889	32.10 1.00 0.00	25.65 -0.82 0.00	24.27 -1.01 0.00	23.74 -0.84 0.00	24.58 -0.66 0.00	27.82 -0.57 0.00	35.40 -1.59 0.00	40.02 -1.20 0.00	35.88 -2.53 0.53	35.09 -2.58 0.22	32.47 -2.29 0.00	31.37 -2.40 0.00	31.09 -2.27 0.00	30.69 -2.27 0.00	32.77 -2.20 0.00	32.58 -2.15 0.00	35.24 -1.97 0.00	39.96 -2.88 0.14	48.20 -3.29 -0.06	53.65 -2.24 0.00	53.86 -2.66 0.00	43.15 -2.18 0.00	37.70 -1.33 0.00	34.11 -0.59 0.00
DUNKIRK___1 23563	32.10 1.00 0.00	25.65 -0.82 0.00	24.27 -1.01 0.00	23.74 -0.84 0.00	24.58 -0.66 0.00	27.82 -0.57 0.00	35.40 -1.59 0.00	40.02 -1.20 0.00	35.88 -2.53 0.53	35.09 -2.58 0.22	32.47 -2.29 0.00	31.37 -2.40 0.00	31.09 -2.27 0.00	30.69 -2.27 0.00	32.77 -2.20 0.00	32.58 -2.15 0.00	35.24 -1.97 0.00	39.96 -2.88 0.14	48.20 -3.29 -0.06	53.65 -2.24 0.00	53.86 -2.66 0.00	43.15 -2.18 0.00	37.70 -1.33 0.00	34.11 -0.59 0.00
DUNKIRK___2 23564	32.10 1.00 0.00	25.65 -0.82 0.00	24.27 -1.01 0.00	23.74 -0.84 0.00	24.58 -0.66 0.00	27.82 -0.57 0.00	35.40 -1.59 0.00	40.02 -1.20 0.00	35.88 -2.53 0.53	35.09 -2.58 0.22	32.47 -2.29 0.00	31.37 -2.40 0.00	31.09 -2.27 0.00	30.69 -2.27 0.00	32.77 -2.20 0.00	32.58 -2.15 0.00	35.24 -1.97 0.00	39.96 -2.88 0.14	48.20 -3.29 -0.06	53.65 -2.24 0.00	53.86 -2.66 0.00	43.15 -2.18 0.00	37.70 -1.33 0.00	34.11 -0.59 0.00
DUNKIRK___3 23565	31.91 0.81 0.00	25.54 -0.93 0.00	24.17 -1.11 0.00	23.62 -0.96 0.00	24.48 -0.76 0.00	27.68 -0.71 0.00	35.18 -1.81 0.00	39.77 -1.44 0.00	35.66 -2.73 0.56	34.89 -2.77 0.24	32.26 -2.50 0.00	31.20 -2.57 0.00	30.89 -2.47 0.00	30.52 -2.44 0.00	32.56 -2.41 0.00	32.37 -2.36 0.00	35.01 -2.20 0.00	39.66 -3.14 0.19	47.89 -3.60 -0.06	53.26 -2.63 0.00	53.46 -3.05 0.00	42.84 -2.49 0.00	37.42 -1.60 0.00	33.90 -0.80 0.00
DUNKIRK___4 23566	31.91 0.81 0.00	25.54 -0.93 0.00	24.17 -1.11 0.00	23.62 -0.96 0.00	24.48 -0.76 0.00	27.68 -0.71 0.00	35.18 -1.81 0.00	39.77 -1.44 0.00	35.66 -2.73 0.56	34.89 -2.77 0.24	32.26 -2.50 0.00	31.20 -2.57 0.00	30.89 -2.47 0.00	30.52 -2.44 0.00	32.56 -2.41 0.00	32.37 -2.36 0.00	35.01 -2.20 0.00	39.66 -3.14 0.19	47.89 -3.60 -0.06	53.26 -2.63 0.00	53.46 -3.05 0.00	42.84 -2.49 0.00	37.42 -1.60 0.00	33.90 -0.80 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.91 1.80 0.00	28.21 1.75 0.00	26.88 1.59 0.00	26.13 1.55 0.00	26.85 1.62 0.00	30.18 1.79 0.00	39.47 2.48 0.00	44.01 2.80 0.00	41.94 3.00 0.00	40.88 2.99 0.00	37.62 2.85 0.00	36.67 2.90 0.00	36.27 2.90 0.00	35.86 2.90 0.00	38.01 3.04 0.00	37.89 3.16 0.00	40.63 3.42 0.00	49.59 3.95 -2.65	56.28 4.53 -0.32	60.69 4.81 0.00	61.38 4.86 0.00	48.77 3.45 0.00	41.75 2.73 0.00	36.92 2.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.60 1.49 0.00	27.95 1.48 0.00	26.65 1.37 0.00	25.88 1.30 0.00	26.60 1.36 0.00	29.92 1.53 0.00	39.06 2.07 0.00	43.60 2.39 0.00	41.44 2.49 0.00	40.32 2.43 0.00	37.02 2.26 0.00	36.06 2.30 0.00	35.66 2.30 0.00	35.24 2.27 0.00	37.31 2.34 0.00	37.20 2.47 0.00	39.92 2.72 0.00	48.73 3.18 -2.56	55.39 3.65 -0.31	59.80 3.91 0.00	60.64 4.13 0.00	48.23 2.90 0.00	41.36 2.34 0.00	36.61 1.91 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.91 1.80 0.00	28.40 1.93 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.93 1.69 0.00	30.12 1.73 0.00	39.43 2.44 0.00	44.01 2.80 0.00	41.98 3.04 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.84 3.07 0.00	36.47 3.10 0.00	36.09 3.13 0.01	38.25 3.29 0.01	38.11 3.37 -0.01	40.94 3.65 -0.08	49.84 4.21 -2.64	55.93 4.68 0.18	60.48 5.03 0.44	61.13 5.03 0.42	48.73 3.40 0.00	41.83 2.81 0.00	37.06 2.36 0.00

E179THST_13_KV_LOAD 356214	33.03 1.93 0.00	28.48 2.01 0.00	27.08 1.80 0.00	26.30 1.72 0.00	27.00 1.77 0.00	30.21 1.82 0.00	39.58 2.59 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.97 3.21 0.00	36.63 3.27 0.00	36.25 3.30 0.01	38.42 3.46 0.01	38.32 3.58 -0.01	41.16 3.87 -0.08	50.09 4.47 -2.64	56.19 4.94 0.18	60.81 5.37 0.44	61.41 5.31 0.42	48.91 3.58 0.00	42.03 3.00 0.00	37.20 2.50 0.00
EAST HAMPTON___GT 23717	34.99 3.89 0.00	29.88 3.42 0.00	28.32 3.03 0.00	27.48 2.90 0.00	28.26 3.03 0.00	31.85 3.46 0.00	41.99 4.92 -0.08	46.19 4.98 0.00	47.28 5.61 -2.72	43.54 5.57 -0.08	39.91 5.01 -0.14	38.73 4.86 -0.10	38.18 4.71 -0.11	38.06 4.85 -0.25	40.27 5.07 -0.23	40.70 5.28 -0.69	43.94 5.80 -0.93	54.30 6.96 -4.36	65.28 8.39 -5.46	98.65 8.94 -33.82	105.89 9.04 -40.33	56.00 6.89 -3.79	52.17 5.70 -7.45	39.52 4.82 0.00
EAST RIVER___6 23660	33.09 1.99 0.00	28.40 1.93 0.00	27.03 1.74 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.32 1.93 0.00	39.69 2.70 0.00	44.30 3.09 0.00	42.22 3.27 0.00	41.34 3.45 0.00	38.03 3.27 0.00	37.14 3.38 0.00	36.73 3.37 0.00	36.39 3.43 0.00	38.57 3.60 0.00	38.46 3.72 -0.01	41.26 3.98 -0.07	50.28 4.64 -2.65	56.94 5.19 -0.32	61.31 5.42 0.00	61.94 5.43 0.00	49.14 3.81 0.00	42.15 3.12 0.00	37.23 2.53 0.00
EAST RIVER___7 23524	33.09 1.99 0.00	28.40 1.93 0.00	27.03 1.74 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.32 1.93 0.00	39.69 2.70 0.00	44.30 3.09 0.00	42.22 3.27 0.00	41.34 3.45 0.00	38.03 3.27 0.00	37.14 3.38 0.00	36.73 3.37 0.00	36.39 3.43 0.00	38.57 3.60 0.00	38.46 3.72 -0.01	41.26 3.98 -0.07	50.28 4.64 -2.65	56.94 5.19 -0.32	61.31 5.42 0.00	61.94 5.43 0.00	49.14 3.81 0.00	42.15 3.12 0.00	37.23 2.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.84 1.74 0.00	28.16 1.69 0.00	26.85 1.57 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.93 2.72 0.00	41.83 2.88 0.00	40.77 2.88 0.00	37.51 2.75 0.00	36.57 2.80 0.00	36.13 2.77 0.00	35.76 2.80 0.00	37.91 2.94 0.00	37.75 3.02 0.00	40.48 3.27 0.00	49.41 3.78 -2.64	56.07 4.32 -0.32	60.47 4.58 0.00	61.21 4.69 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.85 2.15 0.00
EAST_HAMPTON___DIESEL 23722	34.99 3.89 0.00	29.88 3.42 0.00	28.32 3.03 0.00	27.48 2.90 0.00	28.26 3.03 0.00	31.88 3.49 0.00	41.99 4.92 -0.08	46.19 4.98 0.00	47.28 5.61 -2.72	43.58 5.61 -0.08	39.94 5.04 -0.14	38.73 4.86 -0.10	38.18 4.71 -0.11	38.09 4.88 -0.25	40.27 5.07 -0.23	40.70 5.28 -0.69	43.98 5.84 -0.93	54.30 6.96 -4.36	65.28 8.39 -5.46	98.65 8.94 -33.82	105.89 9.04 -40.33	56.05 6.94 -3.79	52.17 5.70 -7.45	39.56 4.86 0.00
EAST_POINT___SOLAR 323840	34.06 2.96 0.00	28.82 2.35 0.00	27.61 2.32 0.00	26.81 2.24 0.00	27.66 2.42 0.00	31.17 2.78 0.00	40.69 3.70 0.00	45.04 3.83 0.00	42.06 3.12 0.00	40.43 2.54 0.00	36.89 2.12 0.00	35.45 1.69 0.00	35.00 1.63 0.00	34.45 1.48 0.00	36.68 1.71 0.00	36.50 1.77 0.00	39.55 2.35 0.00	49.88 3.18 -3.72	57.13 5.25 -0.45	62.20 6.31 0.00	63.18 6.67 0.00	50.77 5.44 0.00	43.35 4.33 0.00	38.31 3.61 0.00
EAST_PULASKI___ESR 323781	29.56 -0.65 0.89	25.29 -0.56 0.61	23.96 -0.53 0.79	23.24 -0.54 0.79	23.87 -0.56 0.82	26.90 -0.54 0.95	35.20 -0.59 1.20	40.59 -0.62 0.00	37.10 -0.66 1.18	35.99 -0.68 1.22	32.91 -0.73 1.12	31.85 -0.74 1.18	31.22 -0.77 1.37	30.89 -0.73 1.35	32.75 -0.77 1.45	32.50 -0.83 1.40	35.00 -0.85 1.35	44.08 -0.90 -2.00	54.95 -0.92 -4.44	60.82 -0.90 -5.83	61.57 -0.96 -6.01	47.08 -0.73 -2.47	38.94 -0.58 -0.50	34.25 -0.45 0.00
EAST_RIVER___1 323558	33.06 1.96 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.25 1.67 0.00	26.95 1.72 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.18 2.97 0.00	42.10 3.15 0.00	41.19 3.29 0.00	37.89 3.13 0.00	36.98 3.21 0.00	36.57 3.20 0.00	36.23 3.26 0.00	38.36 3.39 0.00	38.25 3.51 -0.01	41.07 3.80 -0.07	50.02 4.39 -2.65	56.69 4.94 -0.32	61.02 5.14 0.00	61.71 5.20 0.00	49.00 3.67 0.00	42.03 3.00 0.00	37.16 2.46 0.00
EAST_RIVER___2 323559	33.09 1.99 0.00	28.40 1.93 0.00	27.03 1.74 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.32 1.93 0.00	39.69 2.70 0.00	44.30 3.09 0.00	42.22 3.27 0.00	41.34 3.45 0.00	38.03 3.27 0.00	37.14 3.38 0.00	36.73 3.37 0.00	36.39 3.43 0.00	38.57 3.60 0.00	38.46 3.72 -0.01	41.26 3.98 -0.07	50.28 4.64 -2.65	56.94 5.19 -0.32	61.31 5.42 0.00	61.94 5.43 0.00	49.14 3.81 0.00	42.15 3.12 0.00	37.23 2.53 0.00
EAST___DELAWARE_HYD 23607	32.87 1.77 0.00	28.13 1.67 0.00	26.85 1.57 0.00	26.10 1.52 0.00	26.83 1.59 0.00	30.23 1.84 0.00	39.47 2.48 0.00	44.01 2.80 0.00	41.83 2.88 0.00	40.62 2.73 0.00	37.20 2.43 0.00	36.13 2.36 0.00	35.66 2.30 0.00	35.20 2.24 0.00	37.28 2.31 0.00	37.16 2.43 0.00	39.96 2.75 0.00	48.66 3.31 -2.37	55.62 3.91 -0.28	60.02 4.14 0.00	60.87 4.35 0.00	48.45 3.13 0.00	41.64 2.61 0.00	36.85 2.15 0.00
EIGHT_POINT___WT_PWR 323820	30.70 -0.41 0.00	25.04 -1.43 0.00	23.82 -1.47 0.00	23.25 -1.33 0.00	24.10 -1.14 0.00	27.31 -1.08 0.00	35.25 -1.74 0.00	39.64 -1.57 0.00	38.25 -2.38 -1.69	35.80 -2.80 -0.71	32.16 -2.61 0.00	31.20 -2.57 0.00	30.86 -2.50 0.00	30.42 -2.54 0.00	32.42 -2.55 0.00	32.40 -2.33 0.00	35.09 -2.12 0.00	43.36 -2.54 -2.91	49.81 -2.26 -0.64	55.25 -1.39 -0.75	55.82 -1.47 -0.78	44.61 -1.04 -0.32	38.46 -0.63 -0.06	34.53 -0.17 0.00
ELBRIDGE_115KV_TB2 80188	30.92 -0.19 0.00	26.20 -0.26 0.00	25.00 -0.28 0.00	24.31 -0.27 0.00	24.98 -0.25 0.00	28.13 -0.26 0.00	36.70 -0.30 0.00	40.88 -0.33 0.00	38.48 -0.47 0.00	37.47 -0.42 0.00	34.35 -0.42 0.00	33.33 -0.44 0.00	32.96 -0.40 0.00	32.57 -0.40 0.00	34.55 -0.42 0.00	34.21 -0.52 0.00	36.76 -0.45 0.00	43.97 -0.60 -1.59	53.97 -0.67 -3.21	59.46 -0.61 -4.19	60.16 -0.68 -4.32	46.52 -0.59 -1.78	38.91 -0.47 -0.36	34.46 -0.24 0.00
ELEC_TRO_TEK 24086	33.34 2.24 0.00	28.53 2.06 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.49 2.10 0.00	40.10 3.11 0.00	44.59 3.38 0.00	42.56 3.58 -0.03	41.49 3.60 0.00	38.59 3.30 -0.52	37.48 3.34 -0.37	37.10 3.34 -0.41	37.25 3.33 -0.96	39.35 3.50 -0.89	40.94 3.58 -2.63	44.67 3.87 -3.60	56.73 4.51 -9.23	60.79 5.19 -4.16	64.04 5.53 -2.62	64.76 5.65 -2.59	52.99 4.03 -3.63	46.38 3.36 -4.00	37.53 2.81 -0.02
ELLENBURG_WT_PWR 323604	13.77 -1.31 16.02	14.42 -1.01 11.04	10.11 -0.96 14.21	9.29 -1.06 14.23	9.33 -1.26 14.64	9.81 -1.56 17.01	13.41 -2.07 21.51	0.37 -2.39 38.45	15.75 -1.71 21.48	14.02 -1.63 22.24	12.70 -1.63 20.43	10.75 -1.62 21.39	6.75 -1.70 24.91	6.68 -1.75 24.53	6.70 -1.85 26.41	7.50 -1.88 25.35	10.47 -2.16 24.58	40.65 -2.32 0.01	48.76 -2.68 0.00	53.26 -2.63 0.00	54.03 -2.49 0.00	43.79 -1.54 0.00	38.05 -0.97 0.00	33.76 -0.94 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.51 0.40 0.00	25.14 -1.32 0.00	23.82 -1.47 0.00	23.27 -1.30 0.00	24.08 -1.16 0.00	27.23 -1.16 0.00	34.51 -2.48 0.00	38.90 -2.31 0.00	34.75 -3.54 0.65	34.17 -3.45 0.27	31.57 -3.20 0.00	30.52 -3.24 0.00	30.23 -3.14 0.00	29.86 -3.10 0.00	31.79 -3.18 0.00	31.64 -3.09 0.00	34.19 -3.01 0.00	39.03 -3.70 0.26	47.16 -4.32 -0.05	52.42 -3.46 0.00	52.56 -3.96 0.00	42.11 -3.22 0.00	36.84 -2.19 0.00	33.45 -1.25 0.00
EMPIRE_CC_1 323656	32.31 1.21 0.00	27.71 1.24 0.00	26.47 1.19 0.00	25.71 1.13 0.00	26.40 1.16 0.00	29.70 1.31 0.00	38.69 1.70 0.00	43.15 1.94 0.00	40.77 1.83 0.00	39.71 1.82 0.00	36.47 1.70 0.00	35.42 1.65 0.00	34.96 1.60 0.00	34.54 1.58 0.00	36.65 1.68 0.00	36.47 1.74 0.00	38.99 1.79 0.00	48.22 2.11 -3.13	54.43 2.62 -0.38	58.51 2.63 0.00	59.23 2.71 0.00	47.42 2.09 0.00	40.59 1.56 0.00	35.88 1.18 0.00
EMPIRE_CC_2 323658	32.31 1.21 0.00	27.71 1.24 0.00	26.47 1.19 0.00	25.71 1.13 0.00	26.40 1.16 0.00	29.70 1.31 0.00	38.69 1.70 0.00	43.15 1.94 0.00	40.77 1.83 0.00	39.71 1.82 0.00	36.47 1.70 0.00	35.42 1.65 0.00	34.96 1.60 0.00	34.54 1.58 0.00	36.65 1.68 0.00	36.47 1.74 0.00	38.99 1.79 0.00	48.22 2.11 -3.13	54.43 2.62 -0.38	58.51 2.63 0.00	59.23 2.71 0.00	47.42 2.09 0.00	40.59 1.56 0.00	35.88 1.18 0.00
ENORWICH_115KV_TB1 80156	33.59 2.49 0.00	28.29 1.83 0.00	27.10 1.82 0.00	26.42 1.84 0.00	27.31 2.07 0.00	31.03 2.64 0.00	40.69 3.70 0.00	45.54 4.33 0.00	42.72 3.78 0.00	40.66 2.77 0.00	37.06 2.29 0.00	35.66 1.89 0.00	35.13 1.77 0.00	34.61 1.65 0.00	36.89 1.92 0.00	36.22 1.49 0.00	39.22 2.01 0.00	47.14 2.66 -1.50	56.16 3.55 -1.18	61.43 4.14 -1.41	62.04 4.07 -1.45	49.10 3.17 -0.60	41.88 2.73 -0.12	37.06 2.36 0.00
ERIE_ST__34_KV_TB1-2 80199	31.51 0.40 0.00	25.14 -1.32 0.00	23.79 -1.49 0.00	23.25 -1.33 0.00	24.05 -1.19 0.00	27.23 -1.16 0.00	34.59 -2.40 0.00	39.03 -2.18 0.00	35.04 -3.35 0.56	34.25 -3.41 0.23	31.67 -3.09 0.00	30.63 -3.14 0.00	30.33 -3.04 0.00	29.93 -3.03 0.00	31.89 -3.08 0.00	31.74 -2.99 0.00	34.27 -2.94 0.00	39.14 -3.70 0.14	47.11 -4.37 -0.05	52.59 -3.30 0.00	52.79 -3.73 0.00	42.25 -3.08 0.00	36.92 -2.11 0.00	33.42 -1.28 0.00
ERIE_WT_PWR 323693	31.57 0.47 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.30 -1.28 0.00	24.23 -1.01 0.00	27.25 -1.14 0.00	34.73 -2.26 0.00	39.19 -2.02 0.00	35.63 -2.69 0.62	34.22 -3.41 0.26	31.64 -3.13 0.00	30.73 -3.04 0.00	30.43 -2.94 0.00	29.90 -3.06 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.23 -2.98 0.00	39.15 -3.91 0.22	47.57 -3.91 -0.05	52.64 -3.24 0.00	52.78 -3.73 0.00	42.34 -2.99 0.00	36.95 -2.07 0.00	33.56 -1.14 0.00
ESPRGFLD_115KV_TB1 80157	33.34 2.24 0.00	28.21 1.75 0.00	27.00 1.72 0.00	26.25 1.67 0.00	27.03 1.79 0.00	30.49 2.10 0.00	39.77 2.77 0.00	44.38 3.17 0.00	41.75 2.80 0.00	40.35 2.46 0.00	36.92 2.16 0.00	35.69 1.92 0.00	35.23 1.87 0.00	34.78 1.81 0.00	36.93 1.96 0.00	36.75 2.01 0.00	39.63 2.42 0.00	45.91 3.01 0.08	55.48 4.06 0.01	60.52 4.64 0.00	61.26 4.75 0.00	49.23 3.90 0.00	42.22 3.20 0.00	37.37 2.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.66 0.56 0.00	26.73 0.26 0.00	25.51 0.23 0.00	24.80 0.22 0.00	25.49 0.25 0.00	28.79 0.40 0.00	37.51 0.52 0.00	41.87 0.66 0.00	39.42 0.31 -0.16	38.26 0.30 -0.07	34.94 0.17 0.00	33.90 0.14 0.00	33.53 0.17 0.00	33.13 0.16 0.00	35.18 0.21 0.00	34.90 0.17 0.00	37.62 0.41 0.00	44.96 0.52 -1.46	53.82 0.72 -1.66	59.05 1.06 -2.10	59.64 0.96 -2.16	46.94 0.73 -0.89	39.87 0.66 -0.18	35.36 0.66 0.00
ETNA____115KV_TB2 80207	31.66 0.56 0.00	26.73 0.26 0.00	25.51 0.23 0.00	24.80 0.22 0.00	25.49 0.25 0.00	28.79 0.40 0.00	37.51 0.52 0.00	41.87 0.66 0.00	39.42 0.31 -0.16	38.26 0.30 -0.07	34.94 0.17 0.00	33.90 0.14 0.00	33.53 0.17 0.00	33.13 0.16 0.00	35.18 0.21 0.00	34.90 0.17 0.00	37.62 0.41 0.00	44.96 0.52 -1.46	53.82 0.72 -1.66	59.05 1.06 -2.10	59.64 0.96 -2.16	46.94 0.73 -0.89	39.87 0.66 -0.18	35.36 0.66 0.00
EUCLID___115KV_TB2 356179	30.76 -0.34 0.00	26.15 -0.32 0.00	24.98 -0.30 0.00	24.28 -0.29 0.00	24.93 -0.30 0.00	28.11 -0.28 0.00	36.70 -0.30 0.00	40.84 -0.37 0.00	38.52 -0.43 0.00	37.51 -0.38 0.00	34.38 -0.38 0.00	33.39 -0.37 0.00	33.00 -0.37 0.00	32.60 -0.36 0.00	34.59 -0.38 0.00	34.28 -0.45 0.00	36.72 -0.48 0.00	43.44 -0.60 -1.06	52.74 -0.72 -2.03	57.86 -0.67 -2.64	58.45 -0.79 -2.73	45.77 -0.68 -1.12	38.74 -0.51 -0.23	34.39 -0.31 0.00
E_CANADA_CAP_HY 24051	33.96 2.86 0.00	28.77 2.30 0.00	27.53 2.25 0.00	26.76 2.19 0.00	27.58 2.35 0.00	31.09 2.70 0.00	40.58 3.59 0.00	45.17 3.96 0.00	42.37 3.43 0.00	40.81 2.92 0.00	37.27 2.50 0.00	35.99 2.23 0.00	35.50 2.14 0.00	35.04 2.08 0.00	37.24 2.27 0.00	36.99 2.26 0.00	40.00 2.79 0.00	50.45 3.57 -3.90	57.09 5.19 -0.47	61.81 5.92 0.00	62.62 6.11 0.00	50.54 5.21 0.00	43.20 4.18 0.00	38.20 3.50 0.00
E_CANADA_MHWK_HY 24050	31.00 -1.18 -1.08	26.26 -0.95 -0.74	25.38 -0.86 -0.96	24.73 -0.81 -0.96	25.42 -0.81 -0.99	28.71 -0.82 -1.15	37.45 -1.00 -1.45	40.14 -1.07 0.00	39.50 -0.89 -1.45	38.52 -0.87 -1.50	35.38 -0.76 -1.38	34.40 -0.81 -1.44	34.11 -0.93 -1.68	33.56 -1.06 -1.65	35.60 -1.15 -1.78	35.30 -1.15 -1.71	37.56 -1.30 -1.66	41.48 -1.51 0.00	49.74 -1.70 0.00	54.04 -1.84 0.00	54.82 -1.69 0.00	44.01 -1.32 0.00	37.89 -1.13 0.00	33.69 -1.01 0.00
E_FISHKILL___LBMP 23776	32.63 1.52 0.00	28.00 1.54 0.00	26.70 1.42 0.00	25.93 1.35 0.00	26.65 1.41 0.00	29.92 1.53 0.00	39.10 2.11 0.00	43.60 2.39 0.00	41.48 2.53 0.00	40.39 2.50 0.00	37.16 2.40 0.00	36.20 2.43 0.00	35.76 2.40 0.00	35.37 2.41 0.00	37.45 2.48 0.00	37.34 2.60 0.00	40.00 2.79 0.00	48.95 3.27 -2.71	55.51 3.75 -0.33	59.80 3.91 0.00	60.53 4.01 0.00	48.19 2.86 0.00	41.29 2.26 0.00	36.50 1.80 0.00
FALCON___SEABRD_CC1 323796	14.09 -1.03 15.98	14.66 -0.79 11.01	10.32 -0.78 14.18	9.52 -0.86 14.20	9.57 -1.06 14.61	10.08 -1.33 16.97	13.76 -1.77 21.45	0.38 -2.02 38.81	16.11 -1.40 21.43	14.38 -1.33 22.19	13.03 -1.36 20.38	11.04 -1.39 21.34	7.08 -1.43 24.85	7.01 -1.48 24.47	7.40 -1.22 26.35	8.19 -1.25 25.29	10.79 -1.90 24.52	40.95 -2.02 0.01	49.17 -2.26 0.00	53.76 -2.12 0.00	54.48 -2.03 0.00	44.20 -1.13 0.00	38.44 -0.58 0.00	34.08 -0.62 0.00
FALCON___SEABRD_CC2 323797	14.09 -1.03 15.98	14.66 -0.79 11.01	10.32 -0.78 14.18	9.52 -0.86 14.20	9.57 -1.06 14.61	10.08 -1.33 16.97	13.76 -1.77 21.45	0.38 -2.02 38.81	16.11 -1.40 21.43	14.38 -1.33 22.19	13.03 -1.36 20.38	11.04 -1.39 21.34	7.08 -1.43 24.85	7.01 -1.48 24.47	7.40 -1.22 26.35	8.19 -1.25 25.29	10.79 -1.90 24.52	40.95 -2.02 0.01	49.17 -2.26 0.00	53.76 -2.12 0.00	54.48 -2.03 0.00	44.20 -1.13 0.00	38.44 -0.58 0.00	34.08 -0.62 0.00

FAR ROCKAWAY___4 23548	33.93 2.83 0.00	28.98 2.51 0.00	27.51 2.22 0.00	26.71 2.14 0.00	27.46 2.22 0.00	30.97 2.58 0.00	40.76 3.77 0.00	45.37 4.16 0.00	43.28 4.32 -0.01	42.21 4.32 0.00	42.47 3.93 -3.78	40.45 3.98 -2.70	40.24 3.94 -2.94	44.22 3.96 -7.30	46.16 4.16 -7.02	60.52 4.27 -21.52	71.40 4.65 -29.54	105.17 5.46 -56.73	89.33 6.33 -31.57	82.11 6.76 -19.46	82.19 6.84 -18.83	79.93 5.08 -29.53	72.43 4.21 -29.19	38.43 3.50 -0.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.03 1.93 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.94 3.17 0.00	36.53 3.17 0.00	36.16 3.20 0.00	38.33 3.36 0.00	38.22 3.47 -0.01	41.04 3.76 -0.07	49.93 4.30 -2.65	56.58 4.83 -0.32	61.03 5.14 0.00	61.72 5.20 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.06 1.96 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.18 3.23 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.94 3.17 0.00	36.53 3.17 0.00	36.16 3.20 0.00	38.33 3.36 0.00	38.22 3.47 -0.01	41.04 3.76 -0.07	49.93 4.30 -2.65	56.58 4.83 -0.32	61.08 5.20 0.00	61.72 5.20 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.03 1.93 0.00	28.34 1.88 0.00	26.98 1.69 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.53 3.17 0.00	36.16 3.20 0.00	38.29 3.32 0.00	38.18 3.44 -0.01	41.00 3.72 -0.07	49.89 4.26 -2.65	56.53 4.78 -0.32	61.03 5.14 0.00	61.66 5.14 0.00	48.91 3.58 0.00	41.99 2.97 0.00	37.13 2.43 0.00
FARRAGUT___LBMP 323566	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.18 2.97 0.00	42.10 3.15 0.00	41.11 3.22 0.00	37.79 3.02 0.00	36.91 3.14 0.00	36.50 3.14 0.00	36.13 3.16 0.00	38.29 3.32 0.00	38.15 3.40 -0.01	40.96 3.68 -0.07	49.84 4.21 -2.65	56.53 4.78 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.91 3.58 0.00	41.95 2.93 0.00	37.09 2.39 0.00
FENNER___WINDPWR 24204	31.54 0.44 0.00	26.76 0.29 0.00	25.59 0.30 0.00	24.87 0.30 0.00	25.56 0.33 0.00	28.84 0.45 0.00	37.66 0.67 0.00	41.99 0.78 0.00	39.61 0.66 0.00	38.42 0.53 0.00	35.22 0.45 0.00	34.14 0.37 0.00	33.70 0.33 0.00	33.29 0.33 0.00	35.36 0.39 0.00	35.11 0.38 0.00	37.69 0.48 0.00	44.50 0.60 -0.91	53.77 0.87 -1.47	58.78 1.01 -1.88	59.36 0.90 -1.94	46.85 0.72 -0.80	39.81 0.62 -0.16	35.25 0.55 0.00
FIBERTEK___ENERGY 23856	31.01 -0.09 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.26 -0.26 -1.54	54.24 -0.31 -3.12	59.74 -0.22 -4.07	60.38 -0.34 -4.20	46.79 -0.27 -1.73	39.18 -0.20 -0.35	34.66 -0.03 0.00
FITZPATRICK___ 23598	30.26 -0.84 0.00	25.72 -0.74 0.00	24.58 -0.71 0.00	23.89 -0.69 0.00	24.53 -0.71 0.00	27.63 -0.77 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.36 -1.00 0.00	31.97 -0.99 0.00	33.92 -1.05 0.00	33.59 -1.15 0.00	35.94 -1.27 0.00	35.84 -1.51 5.64	35.34 -1.80 14.29	35.15 -1.84 18.89	35.12 -1.92 19.48	35.77 -1.54 8.02	36.07 -1.33 1.62	33.73 -0.97 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.81 1.71 0.00	28.13 1.67 0.00	26.83 1.54 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.93 2.72 0.00	41.79 2.84 0.00	40.66 2.77 0.00	37.30 2.54 0.00	36.30 2.53 0.00	35.90 2.54 0.00	35.47 2.51 0.00	37.56 2.59 0.00	37.47 2.74 0.00	40.22 3.01 0.00	49.21 3.57 -2.66	55.92 4.17 -0.32	60.30 4.42 0.00	61.15 4.63 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.85 2.15 0.00
FORT ORANGE___ 23900	31.91 0.81 0.00	27.31 0.85 0.00	26.12 0.83 0.00	25.36 0.79 0.00	26.04 0.81 0.00	29.30 0.91 0.00	38.17 1.18 0.00	42.53 1.32 0.00	40.19 1.25 0.00	39.10 1.21 0.00	35.88 1.11 0.00	34.85 1.08 0.00	34.40 1.04 0.00	34.02 1.05 0.00	36.12 1.15 0.00	35.98 1.25 0.00	38.55 1.34 0.00	47.71 1.50 -3.22	53.82 2.00 -0.39	57.90 2.01 0.00	58.61 2.09 0.00	46.87 1.54 0.00	40.19 1.17 0.00	35.64 0.94 0.00
FORT_DRUM_COGEN 23780	27.32 -0.72 3.07	23.66 -0.69 2.11	21.98 -0.58 2.72	21.29 -0.57 2.73	21.90 -0.53 2.80	24.68 -0.45 3.26	32.39 -0.48 4.12	42.45 -0.45 -1.69	34.40 -0.47 4.07	32.76 -0.91 4.22	29.95 -0.94 3.87	28.63 -1.08 4.06	27.50 -1.13 4.72	27.19 -1.12 4.65	28.84 -1.12 5.01	28.88 -1.04 4.81	31.47 -1.08 4.66	43.26 -0.82 -1.09	53.42 -0.36 -2.34	58.68 -0.28 -3.07	59.34 -0.34 -3.17	46.50 -0.14 -1.30	39.17 -0.12 -0.26	34.46 -0.24 0.00
FOX_HILLS___ESR 323835	33.26 2.15 -0.01	28.56 2.09 0.00	27.15 1.87 0.00	26.37 1.79 0.00	27.10 1.87 0.00	30.38 1.99 0.00	39.77 2.77 0.00	44.42 3.21 0.00	42.34 3.39 -0.01	41.25 3.33 -0.02	37.95 3.16 -0.02	36.99 3.21 -0.02	36.65 3.24 -0.06	52.71 3.30 -16.45	51.81 3.46 -13.38	56.98 3.61 -18.64	81.21 3.91 -40.09	88.89 4.47 -41.44	62.60 5.04 -6.13	65.44 5.42 -4.13	65.97 5.48 -3.97	49.00 3.67 0.00	42.04 2.97 -0.06	37.25 2.53 -0.02
FPL_FAR_ROCK_GT1 24212	33.93 2.83 0.00	28.98 2.52 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	30.97 2.58 0.00	40.66 3.66 -0.01	45.00 3.79 0.00	43.17 4.21 -0.01	42.14 4.24 -0.01	42.47 3.93 -3.78	40.41 3.95 -2.70	40.24 3.93 -2.94	44.22 3.95 -7.30	46.15 4.16 -7.02	60.52 4.27 -21.52	71.40 4.65 -29.54	105.17 5.46 -56.73	89.33 6.32 -31.57	82.05 6.70 -19.46	82.13 6.78 -18.83	79.93 5.08 -29.53	72.43 4.22 -29.19	38.43 3.50 -0.23
FPL_FAR_ROCK_GT2 23815	33.93 2.83 0.00	28.98 2.52 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	30.97 2.58 0.00	40.66 3.66 -0.01	45.00 3.79 0.00	43.17 4.21 -0.01	42.14 4.24 -0.01	42.47 3.93 -3.78	40.41 3.95 -2.70	40.24 3.93 -2.94	44.22 3.95 -7.30	46.15 4.16 -7.02	60.52 4.27 -21.52	71.40 4.65 -29.54	105.17 5.46 -56.73	89.33 6.32 -31.57	82.05 6.70 -19.46	82.13 6.78 -18.83	79.93 5.08 -29.53	72.43 4.22 -29.19	38.43 3.50 -0.23
FRANKLIN_FALL_HYD 24054	14.85 -1.28 14.98	15.14 -1.01 10.32	11.04 -0.96 13.28	10.29 -0.98 13.30	10.36 -1.19 13.69	11.04 -1.45 15.90	15.04 -1.85 20.10	66.03 -2.14 -26.96	17.39 -1.52 20.03	15.52 -1.63 20.74	14.12 -1.60 19.04	12.27 -1.55 19.94	8.53 -1.60 23.23	8.44 -1.65 22.87	8.53 -1.82 24.63	9.29 -1.81 23.64	12.24 -2.05 22.92	40.82 -2.15 0.01	49.01 -2.42 0.00	53.26 -2.63 0.00	54.03 -2.49 0.00	43.97 -1.36 0.00	38.28 -0.74 0.00	33.83 -0.87 0.00

FREEPORT_EQUS_GT1 23764	33.59 2.49 0.00	28.71 2.25 0.00	27.26 1.97 0.00	26.47 1.89 0.00	27.21 1.97 0.00	30.69 2.30 0.00	40.26 3.26 -0.01	44.47 3.25 0.00	42.73 3.74 -0.04	41.72 3.83 -0.01	39.22 3.51 -0.95	37.95 3.51 -0.68	37.57 3.47 -0.74	38.21 3.49 -1.75	40.27 3.67 -1.63	43.39 3.79 -4.87	47.94 4.06 -6.67	62.62 4.77 -14.87	64.38 5.51 -7.44	66.48 5.76 -4.84	67.18 5.88 -4.78	56.36 4.31 -6.72	49.95 3.59 -7.34	37.81 3.05 -0.05
FREEPORT___CT2 23818	33.59 2.49 0.00	28.71 2.25 0.00	27.26 1.97 0.00	26.47 1.89 0.00	27.21 1.97 0.00	30.69 2.30 0.00	40.26 3.26 -0.01	44.47 3.25 0.00	42.73 3.74 -0.04	41.72 3.83 -0.01	39.22 3.51 -0.95	37.95 3.51 -0.68	37.57 3.47 -0.74	38.21 3.49 -1.75	40.27 3.67 -1.63	43.39 3.79 -4.87	47.94 4.06 -6.67	62.62 4.77 -14.87	64.38 5.51 -7.44	66.48 5.76 -4.84	67.18 5.88 -4.78	56.36 4.31 -6.72	49.95 3.59 -7.34	37.81 3.05 -0.05
FRESHKLS_33_KV_LOAD 356253	33.29 2.18 -0.01	28.61 2.14 0.00	27.20 1.92 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.41 2.02 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.34 3.39 -0.01	41.21 3.30 -0.02	37.91 3.13 -0.02	36.89 3.11 -0.02	36.54 3.14 -0.04	45.00 3.20 -8.84	45.56 3.39 -7.19	47.97 3.51 -9.73	47.10 3.83 -6.06	50.05 4.43 -2.64	59.85 4.94 -3.48	64.02 5.37 -2.77	64.55 5.37 -2.66	48.96 3.63 0.00	41.91 2.85 -0.04	37.22 2.50 -0.02
FULTON COGEN____ 23766	30.64 -0.47 0.00	26.04 -0.42 0.00	24.88 -0.40 0.00	24.18 -0.39 0.00	24.83 -0.40 0.00	27.99 -0.40 0.00	36.55 -0.44 0.00	40.67 -0.54 0.00	38.36 -0.58 0.00	37.36 -0.53 0.00	34.24 -0.52 0.00	33.23 -0.54 0.00	32.83 -0.53 0.00	32.47 -0.49 0.00	34.45 -0.52 0.00	34.11 -0.63 0.00	36.58 -0.63 0.00	44.53 -0.77 -2.32	55.70 -0.93 -5.19	61.81 -0.89 -6.82	62.53 -1.02 -7.03	47.41 -0.82 -2.89	38.91 -0.70 -0.59	34.25 -0.45 0.00
FULTON___LFGE 323630	33.68 2.58 0.00	28.58 2.12 0.00	27.36 2.07 0.00	26.57 1.99 0.00	27.38 2.14 0.00	30.86 2.47 0.00	40.28 3.29 0.00	44.88 3.67 0.00	42.14 3.19 0.00	40.66 2.76 0.00	37.13 2.37 0.00	35.86 2.09 0.00	35.40 2.04 0.00	34.94 1.98 0.00	37.18 2.20 0.00	37.02 2.29 0.00	39.96 2.75 0.00	50.19 3.53 -3.68	56.92 5.04 -0.44	61.59 5.70 0.00	62.39 5.88 0.00	50.09 4.76 0.00	42.85 3.83 0.00	37.86 3.16 0.00
G.F.CEMENT___DRP 24184	32.97 1.87 0.00	28.13 1.67 0.00	26.93 1.64 0.00	26.15 1.57 0.00	26.90 1.67 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.26 3.05 0.00	41.83 2.88 0.00	40.62 2.73 0.00	37.06 2.29 0.00	35.83 2.06 0.00	35.36 2.00 0.00	34.94 1.98 0.00	37.10 2.13 0.00	37.02 2.29 0.00	39.74 2.53 0.00	49.36 3.05 -3.33	55.89 4.06 -0.40	60.19 4.30 0.00	61.21 4.69 0.00	48.87 3.54 0.00	41.79 2.77 0.00	36.92 2.22 0.00
GARDENVILLE___LBMP 24039	31.51 0.40 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.08 -1.16 0.00	27.25 -1.14 0.00	34.55 -2.44 0.00	38.94 -2.27 0.00	34.77 -3.47 0.71	34.15 -3.45 0.30	31.60 -3.16 0.00	30.56 -3.21 0.00	30.26 -3.10 0.00	29.90 -3.07 0.00	31.82 -3.15 0.00	31.67 -3.06 0.00	34.23 -2.98 0.00	39.05 -3.61 0.32	47.27 -4.22 -0.05	52.53 -3.35 0.00	52.73 -3.79 0.00	42.25 -3.08 0.00	36.95 -2.07 0.00	33.52 -1.18 0.00
GARDNVLA_35_KV_LD 355827	31.63 0.53 0.00	25.22 -1.24 0.00	23.89 -1.39 0.00	23.32 -1.25 0.00	24.15 -1.09 0.00	27.31 -1.08 0.00	34.62 -2.37 0.00	39.07 -2.14 0.00	34.96 -3.39 0.59	34.31 -3.33 0.25	31.71 -3.06 0.00	30.66 -3.11 0.00	30.36 -3.00 0.00	29.96 -3.00 0.00	31.93 -3.04 0.00	31.78 -2.95 0.00	34.31 -2.90 0.00	39.28 -3.52 0.18	47.37 -4.11 -0.05	52.70 -3.19 0.00	52.90 -3.62 0.00	42.38 -2.95 0.00	37.03 -1.99 0.00	33.59 -1.11 0.00
GELCKHM___115KV_LOAD 80723	30.85 -0.25 0.00	26.20 -0.26 0.00	25.03 -0.25 0.00	24.33 -0.25 0.00	24.98 -0.25 0.00	28.16 -0.23 0.00	36.77 -0.22 0.00	40.92 -0.29 0.00	38.59 -0.35 0.00	37.63 -0.27 0.00	34.45 -0.31 0.00	33.46 -0.30 0.00	33.06 -0.30 0.00	32.67 -0.30 0.00	34.66 -0.31 0.00	34.35 -0.38 0.00	36.84 -0.37 0.00	43.75 -0.47 -1.24	53.31 -0.57 -2.44	58.57 -0.50 -3.18	59.17 -0.62 -3.28	46.18 -0.50 -1.35	38.91 -0.39 -0.27	34.49 -0.21 0.00
GENERAL___MILLS 23808	31.57 0.47 0.00	25.20 -1.27 0.00	23.87 -1.42 0.00	23.30 -1.28 0.00	24.10 -1.14 0.00	27.25 -1.14 0.00	34.59 -2.40 0.00	38.98 -2.23 0.00	34.85 -3.47 0.62	34.22 -3.41 0.26	31.64 -3.13 0.00	30.59 -3.17 0.00	30.29 -3.07 0.00	29.93 -3.03 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.27 -2.94 0.00	39.15 -3.61 0.22	47.27 -4.22 -0.05	52.59 -3.30 0.00	52.79 -3.73 0.00	42.29 -3.04 0.00	36.99 -2.03 0.00	33.55 -1.15 0.00
GE_PLASTICS___DRP 24183	31.85 0.75 0.00	27.26 0.79 0.00	26.04 0.76 0.00	25.31 0.74 0.00	25.99 0.76 0.00	29.21 0.82 0.00	38.06 1.07 0.00	42.45 1.24 0.00	40.15 1.21 0.00	39.07 1.17 0.00	35.88 1.11 0.00	34.85 1.08 0.00	34.43 1.07 0.00	34.02 1.05 0.00	36.12 1.15 0.00	35.95 1.22 0.00	38.47 1.27 0.00	47.66 1.46 -3.22	53.62 1.80 -0.39	57.73 1.84 0.00	58.44 1.92 0.00	46.73 1.41 0.00	40.08 1.05 0.00	35.53 0.83 0.00
GILBOA___1 23756	31.97 0.87 0.00	27.31 0.85 0.00	26.17 0.88 0.00	25.44 0.86 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.23 1.28 0.00	39.18 1.29 0.00	36.01 1.25 0.00	34.98 1.21 0.00	34.56 1.20 0.00	34.18 1.22 0.00	36.23 1.26 0.00	36.05 1.32 0.00	38.62 1.41 0.00	47.09 1.55 -2.57	53.49 1.75 -0.31	57.67 1.79 0.00	58.38 1.86 0.00	46.78 1.45 0.00	40.23 1.21 0.00	35.64 0.94 0.00
GILBOA___2 23757	31.97 0.87 0.00	27.31 0.85 0.00	26.17 0.88 0.00	25.44 0.86 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.23 1.28 0.00	39.18 1.29 0.00	36.01 1.25 0.00	34.98 1.21 0.00	34.56 1.20 0.00	34.18 1.22 0.00	36.23 1.26 0.00	36.05 1.32 0.00	38.62 1.41 0.00	47.09 1.55 -2.57	53.49 1.75 -0.31	57.67 1.79 0.00	58.38 1.86 0.00	46.78 1.45 0.00	40.23 1.21 0.00	35.64 0.94 0.00
GILBOA___3 23758	31.97 0.87 0.00	27.31 0.85 0.00	26.17 0.88 0.00	25.44 0.86 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.23 1.28 0.00	39.18 1.29 0.00	36.01 1.25 0.00	34.98 1.21 0.00	34.56 1.20 0.00	34.18 1.22 0.00	36.23 1.26 0.00	36.05 1.32 0.00	38.62 1.41 0.00	47.09 1.55 -2.57	53.49 1.75 -0.31	57.67 1.79 0.00	58.38 1.86 0.00	46.78 1.45 0.00	40.23 1.21 0.00	35.64 0.94 0.00
GILBOA___4 23759	31.97 0.87 0.00	27.31 0.85 0.00	26.17 0.88 0.00	25.44 0.86 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.23 1.28 0.00	39.18 1.29 0.00	36.01 1.25 0.00	34.98 1.21 0.00	34.56 1.20 0.00	34.18 1.22 0.00	36.23 1.26 0.00	36.05 1.32 0.00	38.62 1.41 0.00	47.09 1.55 -2.57	53.49 1.75 -0.31	57.67 1.79 0.00	58.38 1.86 0.00	46.78 1.45 0.00	40.23 1.21 0.00	35.64 0.94 0.00

GILBOA____ 23599	31.97 0.87 0.00	27.31 0.85 0.00	26.17 0.88 0.00	25.44 0.86 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.18 1.18 0.00	42.57 1.36 0.00	40.31 1.36 0.00	39.22 1.33 0.00	36.02 1.25 0.00	35.02 1.25 0.00	34.60 1.23 0.00	34.18 1.22 0.00	36.23 1.26 0.00	36.05 1.32 0.00	38.62 1.41 0.00	47.09 1.55 -2.57	53.44 1.70 -0.31	57.67 1.79 0.00	58.38 1.87 0.00	46.78 1.45 0.00	40.19 1.17 0.00	35.64 0.94 0.00
GINNA____ 23603	30.79 -0.31 0.00	24.82 -1.64 0.00	23.54 -1.74 0.00	22.95 -1.62 0.00	23.80 -1.44 0.00	26.80 -1.59 0.00	34.33 -2.66 0.00	38.62 -2.59 0.00	35.86 -2.96 0.12	34.62 -3.22 0.05	31.67 -3.09 0.00	30.83 -2.94 0.00	30.49 -2.87 0.00	30.03 -2.93 0.00	31.89 -3.08 0.00	31.67 -3.06 0.00	34.31 -2.90 0.00	39.74 -3.57 -0.32	47.31 -4.16 -0.04	51.75 -4.13 0.00	51.99 -4.52 0.00	41.88 -3.45 0.00	36.18 -2.85 0.00	32.58 -2.12 0.00
GLEN PARK____ 23778	27.58 -0.62 2.90	23.86 -0.61 2.00	22.23 -0.48 2.57	21.51 -0.49 2.58	22.16 -0.43 2.65	24.97 -0.34 3.08	32.76 -0.33 3.89	42.53 -0.29 -1.60	34.74 -0.35 3.85	33.11 -0.80 3.98	30.20 -0.90 3.66	28.89 -1.05 3.83	27.80 -1.10 4.46	27.48 -1.09 4.39	29.15 -1.08 4.73	29.18 -1.01 4.54	31.84 -0.97 4.40	43.48 -0.64 -1.14	53.78 -0.10 -2.46	59.05 -0.06 -3.22	59.78 -0.06 -3.32	46.74 0.05 -1.37	39.34 0.04 -0.28	34.56 -0.14 0.00
GLENDALE_27_KV_LOAD 356172	33.12 2.02 0.00	28.48 2.01 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.35 1.96 0.00	39.73 2.74 0.00	44.38 3.17 0.00	42.33 3.39 0.00	41.34 3.45 0.00	38.00 3.23 0.00	37.11 3.34 0.00	36.73 3.37 0.00	38.72 3.43 -2.33	40.47 3.60 -1.89	41.06 3.68 -2.65	46.96 4.02 -5.73	55.74 4.60 -8.16	54.04 5.14 2.54	58.92 5.53 2.50	59.65 5.54 2.40	49.14 3.81 0.00	42.14 3.12 0.00	37.27 2.57 0.00
GLENWOOD_IC_1_G5 23712	33.28 2.18 0.00	28.50 2.04 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.46 2.07 0.00	39.99 3.00 0.00	44.55 2.88 0.00	42.49 3.34 -0.04	41.41 3.52 0.00	38.72 3.34 -0.62	37.59 3.38 -0.45	37.18 3.34 -0.48	37.47 3.36 -1.15	39.57 3.53 -1.07	41.53 3.61 -3.19	45.48 3.91 -4.36	58.00 4.38 -10.64	61.47 5.04 -5.00	64.55 5.37 -3.30	65.29 5.48 -3.29	53.63 3.90 -4.41	47.12 3.28 -4.82	37.44 2.71 -0.03
GLENWOOD_IC_2_G1 23688	33.12 2.02 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.32 1.93 0.00	39.70 2.70 -0.01	44.09 2.88 0.00	42.12 3.15 -0.02	41.16 3.26 -0.01	38.19 3.09 -0.33	37.11 3.10 -0.24	36.72 3.10 -0.26	36.71 3.13 -0.62	38.84 3.29 -0.58	39.84 3.37 -1.75	43.24 3.65 -2.38	54.25 4.26 -7.01	59.13 4.83 -2.86	62.68 5.08 -1.71	63.34 5.14 -1.68	51.45 3.72 -2.40	44.58 3.05 -2.51	37.21 2.50 -0.01
GLENWOOD_IC_3_G1 23689	33.12 2.02 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.32 1.93 0.00	39.70 2.70 -0.01	44.09 2.88 0.00	42.12 3.15 -0.02	41.16 3.26 -0.01	38.19 3.09 -0.33	37.11 3.10 -0.24	36.72 3.10 -0.26	36.71 3.13 -0.62	38.84 3.29 -0.58	39.84 3.37 -1.75	43.24 3.65 -2.38	54.25 4.26 -7.01	59.13 4.83 -2.86	62.68 5.08 -1.71	63.34 5.14 -1.68	51.45 3.72 -2.40	44.58 3.05 -2.51	37.21 2.50 -0.01
GLENWOOD____4 23550	33.28 2.18 0.00	28.50 2.04 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.46 2.07 0.00	39.99 3.00 0.00	44.55 2.88 0.00	42.49 3.34 -0.04	41.41 3.52 0.00	38.72 3.34 -0.62	37.59 3.38 -0.45	37.18 3.34 -0.48	37.47 3.36 -1.15	39.57 3.53 -1.07	41.53 3.61 -3.19	45.48 3.91 -4.36	58.05 4.43 -10.64	61.57 5.14 -5.00	64.67 5.48 -3.30	65.35 5.54 -3.29	53.68 3.94 -4.41	47.12 3.28 -4.82	37.44 2.71 -0.03
GLENWOOD____5 23614	33.28 2.18 0.00	28.50 2.04 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.46 2.07 0.00	39.99 3.00 0.00	44.55 2.88 0.00	42.49 3.34 -0.04	41.41 3.52 0.00	38.72 3.34 -0.62	37.59 3.38 -0.45	37.18 3.34 -0.48	37.47 3.36 -1.15	39.57 3.53 -1.07	41.53 3.61 -3.19	45.48 3.91 -4.36	58.05 4.43 -10.64	61.57 5.14 -5.00	64.67 5.48 -3.30	65.35 5.54 -3.29	53.68 3.94 -4.41	47.12 3.28 -4.82	37.44 2.71 -0.03
GLOBAL GREEN_PORT_GT1 23814	34.93 3.82 0.00	29.83 3.36 0.00	28.26 2.98 0.00	27.43 2.85 0.00	28.21 2.98 0.00	31.80 3.41 0.00	41.92 4.84 -0.08	46.11 4.90 0.00	47.20 5.53 -2.72	43.46 5.49 -0.08	39.87 4.97 -0.14	38.66 4.79 -0.10	38.14 4.67 -0.11	38.03 4.81 -0.25	40.21 5.00 -0.23	40.63 5.21 -0.69	43.91 5.77 -0.93	54.21 6.88 -4.36	65.18 8.28 -5.46	98.54 8.83 -33.83	105.78 8.93 -40.34	55.91 6.80 -3.79	52.10 5.62 -7.45	39.45 4.75 0.00
GLOBE____DSASP 323697	30.92 -0.19 0.00	24.72 -1.75 0.00	23.44 -1.85 0.00	22.88 -1.70 0.00	23.67 -1.56 0.00	26.74 -1.65 0.00	33.74 -3.26 0.00	38.00 -3.21 0.00	33.93 -4.52 0.50	33.44 -4.24 0.21	30.84 -3.93 0.00	29.82 -3.95 0.00	29.53 -3.84 0.00	29.17 -3.79 0.00	31.05 -3.92 0.00	30.88 -3.86 0.00	33.38 -3.83 0.00	38.28 -4.60 0.10	45.98 -5.50 -0.05	50.97 -4.92 0.00	51.09 -5.43 0.00	40.93 -4.40 0.00	35.90 -3.12 0.00	32.69 -2.01 0.00
GOETHSLN____LBMP 323567	32.91 1.80 0.00	28.24 1.77 0.00	26.88 1.59 0.00	26.13 1.55 0.00	26.85 1.62 0.00	30.15 1.76 0.00	39.47 2.48 0.00	44.01 2.80 0.00	41.98 3.04 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.84 3.07 0.00	36.43 3.07 0.00	36.06 3.10 0.00	38.19 3.22 0.00	38.04 3.30 -0.01	40.89 3.61 -0.07	49.72 4.08 -2.65	57.80 4.58 -1.79	62.04 4.86 -1.29	62.67 4.92 -1.24	48.73 3.40 0.00	41.87 2.85 0.00	36.99 2.29 0.00
GOLAH____69_KV_TB 1_2 80279	32.28 1.18 0.00	25.94 -0.53 0.00	24.60 -0.68 0.00	23.99 -0.59 0.00	24.83 -0.40 0.00	28.05 -0.34 0.00	35.70 -1.29 0.00	40.10 -1.11 0.00	36.49 -2.30 0.16	35.78 -2.05 0.07	32.71 -2.05 0.00	31.67 -2.09 0.00	31.29 -2.07 0.00	30.85 -2.11 0.00	32.77 -2.20 0.00	32.54 -2.19 0.00	35.24 -1.97 0.00	40.78 -2.45 -0.25	48.70 -2.78 -0.04	53.48 -2.40 0.00	53.75 -2.77 0.00	43.24 -2.09 0.00	37.46 -1.56 0.00	33.83 -0.87 0.00
GOODYEAR_LAKE_HYD 323669	32.53 1.43 0.00	27.58 1.11 0.00	26.37 1.09 0.00	25.66 1.08 0.00	26.37 1.14 0.00	29.75 1.36 0.00	38.77 1.78 0.00	43.31 2.10 0.00	40.89 1.95 0.00	39.63 1.74 0.00	36.33 1.56 0.00	35.22 1.45 0.00	34.80 1.43 0.00	34.35 1.38 0.00	36.44 1.47 0.00	36.29 1.56 0.00	39.03 1.82 0.00	46.16 2.19 -0.99	54.62 2.67 -0.52	59.46 3.02 -0.55	60.14 3.05 -0.57	47.97 2.40 -0.23	41.06 1.99 -0.05	36.37 1.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.60 0.50 0.00	26.60 0.13 0.00	25.33 0.05 0.00	24.68 0.10 0.00	25.39 0.15 0.00	28.65 0.26 0.00	37.14 0.15 0.00	41.54 0.33 0.00	38.87 -0.08 0.00	37.82 -0.08 0.00	34.66 -0.10 0.00	33.63 -0.14 0.00	33.26 -0.10 0.00	32.86 -0.10 0.00	34.90 -0.07 0.00	34.70 -0.03 0.00	37.32 0.11 0.00	44.34 0.04 -1.31	52.64 0.05 -1.16	57.72 0.45 -1.39	58.29 0.34 -1.43	46.10 0.18 -0.59	39.38 0.23 -0.12	35.05 0.35 0.00

GOUDEY___7 23579	31.60 0.50 0.00	26.60 0.13 0.00	25.33 0.05 0.00	24.68 0.10 0.00	25.39 0.15 0.00	28.65 0.26 0.00	37.14 0.15 0.00	41.54 0.33 0.00	38.87 -0.08 0.00	37.82 -0.08 0.00	34.66 -0.10 0.00	33.63 -0.14 0.00	33.26 -0.10 0.00	32.86 -0.10 0.00	34.90 -0.07 0.00	34.70 -0.03 0.00	37.32 0.11 0.00	44.34 0.04 -1.31	52.64 0.05 -1.16	57.72 0.45 -1.39	58.29 0.34 -1.43	46.10 0.18 -0.59	39.38 0.23 -0.12	35.05 0.35 0.00
GOUDEY___8 23580	31.60 0.50 0.00	26.60 0.13 0.00	25.33 0.05 0.00	24.68 0.10 0.00	25.39 0.15 0.00	28.65 0.26 0.00	37.14 0.15 0.00	41.54 0.33 0.00	38.87 -0.08 0.00	37.82 -0.08 0.00	34.66 -0.10 0.00	33.63 -0.14 0.00	33.26 -0.10 0.00	32.86 -0.10 0.00	34.90 -0.07 0.00	34.70 -0.03 0.00	37.32 0.11 0.00	44.34 0.04 -1.31	52.64 0.05 -1.16	57.72 0.45 -1.39	58.29 0.34 -1.43	46.10 0.18 -0.59	39.38 0.23 -0.12	35.05 0.35 0.00
GOWANUS_GT1_1 24077	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	77.75 5.19 -21.12	77.69 5.64 -16.16	77.69 5.65 -15.52	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT1_2 24078	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	77.75 5.19 -21.12	77.69 5.64 -16.16	77.69 5.65 -15.52	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT1_3 24079	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	77.75 5.19 -21.12	77.69 5.64 -16.16	77.69 5.65 -15.52	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT1_4 24080	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	77.75 5.19 -21.12	77.69 5.64 -16.16	77.69 5.65 -15.52	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT1_5 24084	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	77.75 5.19 -21.12	77.69 5.64 -16.16	77.69 5.65 -15.52	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT1_6 24111	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.																				

24119	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	63.60	66.22	66.67	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-6.87	-4.75	-4.56	0.00	-0.06	-0.02
GOWANUS_GT2_7 24120	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	63.60	66.22	66.67	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-6.87	-4.75	-4.56	0.00	-0.06	-0.02
GOWANUS_GT2_8 24121	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	63.60	66.22	66.67	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-6.87	-4.75	-4.56	0.00	-0.06	-0.02
GOWANUS_GT3_1 24122	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	77.85	77.63	77.63	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-21.12	-16.16	-15.52	0.00	-0.06	-0.02
GOWANUS_GT3_2 24123	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	77.85	77.63	77.63	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-21.12	-16.16	-15.52	0.00	-0.06	-0.02
GOWANUS_GT3_3 24124	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	77.85	77.63	77.63	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.																		

GOWANUS_GT4_5 24134	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	63.50 5.19 -6.87	66.28 5.64 -4.75	66.73 5.65 -4.56	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT4_6 24135	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	63.50 5.19 -6.87	66.28 5.64 -4.75	66.73 5.65 -4.56	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT4_7 24136	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	63.50 5.19 -6.87	66.28 5.64 -4.75	66.73 5.65 -4.56	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GOWANUS_GT4_8 24137	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	63.50 5.19 -6.87	66.28 5.64 -4.75	66.73 5.65 -4.56	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GREATVRV_69_KV_BK1 356245	34.15 3.05 0.00	29.19 2.73 0.00	27.68 2.40 0.00	26.86 2.29 0.00	27.63 2.40 0.00	31.17 2.78 0.00	41.18 4.14 -0.04	45.70 4.49 0.00	45.21 4.63 -1.63	42.56 4.62 -0.04	39.19 4.24 -0.18	38.12 4.22 -0.13	37.47 3.97 -0.14	37.31 4.02 -0.33	39.47 4.20 -0.31	39.98 4.34 -0.91	43.12 4.69 -1.23	53.38 5.50 -4.90	61.97 6.43 -4.11	83.46 6.93 -20.65	88.10 7.06 -24.52	53.52 5.26 -2.94	48.46 4.25 -5.19	38.45 3.75 0.00
GREENBSH_115KV_TB3 55895	31.79 0.68 0.00	27.21 0.74 0.00	26.02 0.73 0.00	25.26 0.69 0.00	25.94 0.71 0.00	29.19 0.79 0.00	38.03 1.04 0.00	42.36 1.15 0.00	40.11 1.17 0.00	39.03 1.14 0.00	35.84 1.08 0.00	34.81 1.05 0.00	34.40 1.03 0.00	33.98 1.02 0.00	36.09 1.12 0.00	35.95 1.22 0.00	38.40 1.19 0.00	47.63 1.42 -3.23	53.57 1.75 -0.39	57.62 1.73 0.00	58.32 1.81 0.00	46.64 1.31 0.00	39.96 0.94 0.00	35.46 0.76 0.00
GREENDGE_115KV_TB5 80291	31.72 0.62 0.00	26.20 -0.26 0.00	24.93 -0.35 0.00	24.31 -0.27 0.00	25.06 -0.18 0.00	28.39 0.00 0.00	36.70 -0.30 0.00	41.13 -0.08 0.00	38.73 -0.93 -0.72	37.36 -0.83 -0.30	33.86 -0.90 0.00	32.82 -0.95 0.00	32.43 -0.93 0.00	32.01 -0.96 0.00	34.06 -0.91 0.00	33.90 -0.83 0.00	36.61 -0.60 0.00	44.09 -0.73 -1.84	51.37 -1.03 -0.97	56.63 -0.45 -1.19	57.07 -0.68 -1.23	45.29 -0.54 -0.51	39.09 -0.04 -0.10	34.91 0.21 0.00
GREENIDGE___3 23582	31.72 0.62 0.00	26.20 -0.26 0.00	24.93 -0.35 0.00	24.31 -0.27 0.00	25.06 -0.18 0.00	28.39 0.00 0.00	36.70 -0.30 0.00	41.13 -0.08 0.00	38.73 -0.93 -0.72	37.36 -0.83 -0.30	33.86 -0.90 0.00	32.82 -0.95 0.00	32.43 -0.93 0.00	32.01 -0.96 0.00	34.06 -0.91 0.00	33.90 -0.83 0.00	36.61 -0.60 0.00	44.09 -0.73 -1.84	51.37 -1.03 -0.97	56.63 -0.45 -1.19	57.07 -0.68 -1.23	45.29 -0.54 -0.51	39.09 -0.04 -0.10	34.91 0.21 0.00
GREENIDGE___4 23583	31.72 0.62 0.00	26.20 -0.26 0.00	24.93 -0.35 0.00	24.31 -0.27 0.00	25.09 -0.15 0.00	28.39 0.00 0.00	36.77 -0.22 0.00	41.25 0.04 0.00	39.08 -0.58 -0.72	37.36 -0.83 -0.30	33.86 -0.90 0.00	32.86 -0.91 0.00	32.49 -0.87 0.00	32.01 -0.96 0.00	34.06 -0.91 0.00	33.90 -0.83 0.00	36.61 -0.60 0.00	44.09 -0.73 -1.83	51.48 -0.92 -0.97	56.58 -0.50 -1.19	57.07 -0.68 -1.23	45.66 -0.18 -0.51	39.05 -0.08 -0.10	34.91 0.21 0.00
GREENLWN_69_KV_BK 3 55738	33.50 2.39 0.00	28.66 2.20 0.00	27.20 1.92 0.00	26.42 1.84 0.00	27.15 1.92 0.00	30.63 2.24 0.00	40.42 3.44 0.02	44.84 3.63 0.00	42.66 4.09 0.37	41.85 3.98 0.02	38.47 3.55 -0.16	37.46 3.58 -0.12	36.99 3.50 -0.13	36.78 3.53 -0.29	38.92 3.67 -0.27	39.32 3.79 -0.81	42.39 4.09 -1.09	52.40 4.77 -4.65	58.10 5.76 -0.91	58.22 6.20 3.87	58.00 6.27 4.79	50.61 4.58 -0.70	43.12 3.82 -0.28	37.75 3.05 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	63.50 5.19 -6.87	66.28 5.64 -4.75	66.73 5.65 -4.56	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02
GRISSOM___SOLAR 323813	33.50 2.40 0.00	28.42 1.96 0.00	27.20 1.92 0.00	26.42 1.84 0.00	27.23 1.99 0.00	30.66 2.27 0.00	40.06 3.07 0.00	44.63 3.42 0.00	41.94 3.00 0.00	40.54 2.65 0.00	37.02 2.26 0.00	35.79 2.03 0.00	35.33 1.97 0.00	34.91 1.94 0.00	37.10 2.13 0.00	36.96 2.22 0.00	39.85 2.64 0.00	49.97 3.35 -3.64	56.60 4.73 -0.44	61.14 5.25 0.00	62.00 5.48 0.00	49.73 4.40 0.00	42.54 3.51 0.00	37.58 2.88 0.00
GROVEVILLE___HYD 323602	32.81 1.71 0.00	28.13 1.67 0.00	26.83 1.54 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.93 2.72 0.00	41.79 2.84 0.00	40.66 2.77 0.00	37.30 2.54 0.00	36.30 2.53 0.00	35.90 2.54 0.00	35.47 2.51 0.00	37.56 2.59 0.00	37.47 2.74 0.00	40.22 3.01 0.00	49.21 3.57 -2.66	55.92 4.17 -0.32	60.30 4.42 0.00	61.15 4.63 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.85 2.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.01 -0.09 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.26 -0.26 -1.54	54.24 -0.31 -3.12	59.74 -0.22 -4.07	60.38 -0.34 -4.20	46.79 -0.27 -1.73	39.18 -0.20 -0.35	34.66 -0.03 0.00
HAMLTNNY_34_KV_TB 80303	31.23 0.12 0.00	26.33 -0.13 0.00	25.13 -0.15 0.00	24.45 -0.12 0.00	25.14 -0.10 0.00	28.33 -0.06 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.63 -0.31 0.00	37.66 -0.23 0.00	34.49 -0.28 0.00	33.50 -0.27 0.00	33.10 -0.27 0.00	32.70 -0.26 0.00	34.73 -0.24 0.00	34.42 -0.31 0.00	36.98 -0.22 0.00	44.15 -0.34 -1.51	54.03 -0.41 -3.01	59.59 -0.22 -3.93	60.17 -0.40 -4.05	46.68 -0.32 -1.67	39.13 -0.23 -0.34	34.66 -0.03 0.00

HAMPSHIRE___PAPER_HYD 323593	21.12 -1.55 8.43	19.36 -1.30 5.81	16.64 -1.16 7.48	15.96 -1.13 7.49	16.34 -1.19 7.71	18.13 -1.31 8.96	24.05 -1.63 11.32	43.61 -1.81 -4.21	26.11 -1.63 11.20	24.48 -1.82 11.59	22.31 -1.81 10.65	20.79 -1.82 11.15	18.54 -1.83 12.99	18.36 -1.81 12.79	19.28 -1.92 13.77	19.64 -1.88 13.22	22.38 -2.01 12.81	41.41 -2.06 -0.49	50.37 -2.11 -1.05	55.02 -2.24 -1.37	55.67 -2.26 -1.42	44.51 -1.41 -0.58	38.09 -1.05 -0.12	33.52 -1.18 0.00
HARDSCRABBLE_WT_PWR 323673	31.13 -1.06 -1.08	26.39 -0.82 -0.74	25.48 -0.76 -0.96	24.85 -0.69 -0.96	25.54 -0.68 -0.99	28.86 -0.68 -1.15	37.63 -0.81 -1.45	40.34 -0.87 0.00	39.69 -0.70 -1.45	38.71 -0.68 -1.50	35.55 -0.59 -1.38	34.60 -0.61 -1.44	34.28 -0.77 -1.68	33.73 -0.89 -1.65	35.77 -0.98 -1.78	35.43 -1.01 -1.71	37.71 -1.15 -1.66	41.65 -1.33 0.00	49.94 -1.49 0.00	54.32 -1.56 0.00	55.11 -1.41 0.00	44.24 -1.09 0.00	38.09 -0.94 0.00	33.90 -0.80 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.66 1.56 0.00	28.00 1.54 0.00	26.67 1.39 0.00	25.93 1.35 0.00	26.65 1.41 0.00	29.98 1.59 0.00	39.14 2.15 0.00	43.68 2.47 0.00	41.51 2.57 0.00	40.43 2.54 0.00	37.13 2.36 0.00	36.16 2.40 0.00	35.76 2.41 0.00	35.37 2.41 0.00	37.45 2.48 0.00	37.34 2.60 0.00	40.07 2.87 0.00	48.82 3.35 -2.49	55.59 3.86 -0.30	60.02 4.14 0.00	60.81 4.30 0.00	48.32 2.99 0.00	41.44 2.42 0.00	36.68 1.98 0.00
HARSNRAD_115KV_TB1 81005	31.38 0.28 0.00	25.01 -1.46 0.00	23.69 -1.59 0.00	23.13 -1.45 0.00	23.95 -1.29 0.00	27.06 -1.33 0.00	34.22 -2.77 0.00	38.53 -2.68 0.00	34.82 -3.62 0.50	33.89 -3.79 0.21	31.25 -3.51 0.00	30.22 -3.55 0.00	29.89 -3.47 0.00	29.57 -3.40 0.00	31.47 -3.50 0.00	31.29 -3.44 0.00	33.82 -3.39 0.00	38.79 -4.08 0.11	46.65 -4.83 -0.05	51.75 -4.14 0.00	51.88 -4.63 0.00	41.61 -3.72 0.00	36.45 -2.58 0.00	33.14 -1.56 0.00
HARZA MOOSE___RIVER 24016	29.29 -0.22 1.60	25.15 -0.21 1.10	23.71 -0.15 1.42	23.01 -0.15 1.42	23.65 -0.13 1.46	26.64 -0.06 1.70	34.85 0.00 2.14	42.46 0.04 -1.21	36.91 0.08 2.11	35.51 -0.19 2.19	32.51 -0.24 2.01	31.36 -0.30 2.10	30.54 -0.37 2.45	30.19 -0.36 2.41	32.02 -0.35 2.60	31.92 -0.31 2.49	34.53 -0.26 2.42	43.39 -0.09 -0.50	52.88 0.46 -0.99	57.62 0.45 -1.28	58.29 0.45 -1.32	46.28 0.41 -0.55	39.48 0.35 -0.11	34.87 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.88 -0.22 0.00	26.23 -0.24 0.00	25.06 -0.23 0.00	24.36 -0.22 0.00	25.01 -0.23 0.00	28.19 -0.20 0.00	36.81 -0.18 0.00	40.96 -0.25 0.00	38.63 -0.31 0.00	37.63 -0.27 0.00	34.49 -0.28 0.00	33.46 -0.30 0.00	33.10 -0.27 0.00	32.70 -0.26 0.00	34.69 -0.28 0.00	34.38 -0.35 0.00	36.87 -0.33 0.00	43.57 -0.47 -1.06	52.82 -0.62 -2.00	57.93 -0.56 -2.61	58.58 -0.62 -2.69	45.89 -0.54 -1.11	38.82 -0.43 -0.22	34.49 -0.21 0.00
HELLGATE_13_KV_LD 55870	33.12 2.02 0.00	28.48 2.01 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.32 1.93 0.00	39.69 2.70 0.00	44.34 3.13 0.00	42.29 3.35 0.00	41.30 3.41 0.00	38.00 3.23 0.00	37.11 3.34 0.00	36.73 3.37 0.00	38.69 3.40 -2.33	40.43 3.57 -1.89	41.06 3.68 -2.65	46.92 3.98 -5.73	55.73 4.60 -8.15	54.76 5.09 1.76	59.60 5.53 1.82	60.30 5.54 1.75	49.09 3.76 0.00	42.11 3.08 0.00	37.27 2.57 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.12 2.02 0.00	28.48 2.01 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.32 1.93 0.00	39.69 2.70 0.00	44.34 3.13 0.00	42.29 3.35 0.00	41.30 3.41 0.00	38.00 3.23 0.00	37.11 3.34 0.00	36.73 3.37 0.00	38.69 3.40 -2.33	40.43 3.57 -1.89	41.06 3.68 -2.65	46.92 3.98 -5.73	55.73 4.60 -8.15	54.76 5.09 1.76	59.60 5.53 1.82	60.30 5.54 1.75	49.09 3.76 0.00	42.11 3.08 0.00	37.27 2.57 0.00
HEMPSTEAD____ 23647	33.31 2.21 0.00	28.50 2.04 0.00	27.08 1.80 0.00	26.30 1.72 0.00	27.03 1.79 0.00	30.46 2.07 0.00	39.92 2.92 -0.01	44.18 2.97 0.00	42.37 3.39 -0.04	41.42 3.52 -0.01	38.70 3.27 -0.67	37.56 3.31 -0.48	37.16 3.27 -0.52	37.47 3.30 -1.22	39.55 3.46 -1.11	41.55 3.54 -3.28	45.49 3.80 -4.49	58.27 4.43 -10.86	61.65 5.09 -5.13	64.59 5.31 -3.39	65.32 5.43 -3.38	53.80 3.94 -4.53	47.50 3.28 -5.20	37.47 2.74 -0.03
HICKLING___1 23621	31.60 0.50 0.00	26.20 -0.26 0.00	24.93 -0.35 0.00	24.31 -0.27 0.00	25.06 -0.18 0.00	28.36 -0.03 0.00	36.62 -0.37 0.00	41.09 -0.12 0.00	38.33 -0.90 -0.28	37.14 -0.87 -0.12	33.93 -0.83 0.00	32.89 -0.88 0.00	32.50 -0.87 0.00	32.14 -0.82 0.00	34.17 -0.80 0.00	34.00 -0.73 0.00	36.65 -0.56 0.00	43.59 -0.82 -1.42	51.58 -0.82 -0.97	56.94 -0.11 -1.17	57.44 -0.28 -1.21	45.55 -0.27 -0.50	39.08 -0.04 -0.10	34.91 0.21 0.00
HICKLING___2 23622	31.60 0.50 0.00	26.20 -0.26 0.00	24.93 -0.35 0.00	24.31 -0.27 0.00	25.06 -0.18 0.00	28.36 -0.03 0.00	36.62 -0.37 0.00	41.09 -0.12 0.00	38.33 -0.90 -0.28	37.14 -0.87 -0.12	33.93 -0.83 0.00	32.89 -0.88 0.00	32.50 -0.87 0.00	32.14 -0.82 0.00	34.17 -0.80 0.00	34.00 -0.73 0.00	36.65 -0.56 0.00	43.59 -0.82 -1.42	51.58 -0.82 -0.97	56.94 -0.11 -1.17	57.44 -0.28 -1.21	45.55 -0.27 -0.50	39.08 -0.04 -0.10	34.91 0.21 0.00
HIGH FALLS___HY 23754	32.75 1.65 0.00	28.05 1.59 0.00	26.72 1.44 0.00	25.98 1.40 0.00	26.70 1.46 0.00	30.07 1.68 0.00	39.28 2.29 0.00	43.85 2.64 0.00	41.71 2.77 0.00	40.54 2.65 0.00	37.16 2.40 0.00	36.16 2.40 0.00	35.76 2.40 0.00	35.37 2.41 0.00	37.42 2.45 0.00	37.30 2.57 0.00	40.11 2.90 0.00	49.09 3.48 -2.63	55.71 3.96 -0.32	60.19 4.30 0.00	61.04 4.52 0.00	48.50 3.17 0.00	41.64 2.61 0.00	36.85 2.15 0.00
HIGH_RIVER___SOLAR 323847	32.97 1.87 0.00	28.05 1.59 0.00	26.83 1.54 0.00	26.08 1.50 0.00	26.83 1.59 0.00	30.18 1.79 0.00	39.39 2.40 0.00	43.81 2.60 0.00	41.12 2.18 0.00	39.71 1.82 0.00	36.33 1.57 0.00	35.15 1.38 0.00	34.66 1.30 0.00	34.21 1.25 0.00	36.37 1.40 0.00	36.30 1.56 0.00	39.14 1.93 0.00	48.99 2.49 -3.52	55.51 3.65 -0.42	59.96 4.08 0.00	60.76 4.24 0.00	48.73 3.40 0.00	41.71 2.69 0.00	36.92 2.22 0.00
HILLBURN___GT 23639	32.75 1.65 0.00	28.08 1.61 0.00	26.75 1.47 0.00	26.00 1.42 0.00	26.72 1.49 0.00	30.07 1.67 0.00	39.21 2.22 0.00	43.77 2.56 0.00	41.51 2.57 0.00	40.58 2.69 0.00	37.30 2.54 0.00	36.37 2.60 0.00	35.97 2.60 0.00	35.57 2.60 0.00	37.70 2.73 0.00	37.54 2.81 0.00	40.29 3.09 0.00	49.06 3.57 -2.51	55.80 4.06 -0.30	60.13 4.25 0.00	60.87 4.35 0.00	48.45 3.13 0.00	41.52 2.50 0.00	36.75 2.05 0.00
HILLSIDE_115KV_TB1 80332	31.29 0.19 0.00	26.07 -0.40 0.00	24.80 -0.48 0.00	24.16 -0.42 0.00	24.93 -0.30 0.00	28.16 -0.23 0.00	36.36 -0.63 0.00	40.76 -0.45 0.00	38.07 -1.09 -0.22	36.88 -1.10 -0.09	33.72 -1.04 0.00	32.72 -1.05 0.00	32.36 -1.00 0.00	31.97 -0.99 0.00	33.99 -0.98 0.00	33.76 -0.97 0.00	36.43 -0.78 0.00	43.29 -1.07 -1.39	51.26 -1.18 -1.01	56.44 -0.67 -1.22	56.93 -0.85 -1.26	45.12 -0.73 -0.52	38.70 -0.43 -0.10	34.53 -0.17 0.00

HISHELDN_WT_PWR 323625	31.01 -0.09 0.00	24.93 -1.54 0.00	23.64 -1.64 0.00	23.10 -1.47 0.00	23.98 -1.26 0.00	27.09 -1.31 0.00	34.62 -2.37 0.00	39.02 -2.19 0.00	34.50 -2.96 1.48	33.70 -3.56 0.62	31.53 -3.23 0.00	30.59 -3.18 0.00	30.29 -3.07 0.00	29.80 -3.16 0.00	31.72 -3.25 0.00	31.71 -3.02 0.00	34.27 -2.94 0.00	38.17 -3.57 1.24	47.74 -3.75 -0.06	52.92 -2.96 0.00	53.18 -3.33 0.00	42.65 -2.67 0.00	37.19 -1.83 0.00	33.66 -1.04 0.00
HOLTSVILLE_IC_1 23690	33.84 2.74 0.00	28.95 2.49 0.00	27.46 2.17 0.00	26.66 2.09 0.00	27.41 2.17 0.00	30.92 2.53 0.00	40.55 3.48 -0.08	44.51 3.30 0.00	45.62 4.01 -2.67	42.06 4.09 -0.08	38.62 3.72 -0.13	37.51 3.65 -0.10	37.04 3.57 -0.11	36.87 3.66 -0.25	38.98 3.78 -0.23	39.33 3.92 -0.68	42.32 4.20 -0.91	52.20 4.90 -4.32	62.45 5.66 -5.36	94.94 5.92 -33.13	102.07 6.05 -39.51	53.48 4.44 -3.71	50.07 3.75 -7.30	38.03 3.33 0.00
HOLTSVILLE_IC_10 23699	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.76 2.19 0.00	27.53 2.30 0.00	31.03 2.64 0.00	40.77 3.70 -0.08	44.75 3.54 0.00	45.99 4.25 -2.80	42.29 4.32 -0.08	38.80 3.89 -0.15	37.69 3.81 -0.11	37.21 3.74 -0.11	37.08 3.85 -0.27	39.20 3.99 -0.25	39.59 4.13 -0.73	42.66 4.46 -0.99	52.64 5.20 -4.46	63.13 6.07 -5.63	97.02 6.37 -34.76	104.46 6.50 -41.45	54.05 4.80 -3.92	50.77 4.06 -7.69	38.24 3.54 0.00
HOLTSVILLE_IC_2 23691	33.84 2.74 0.00	28.95 2.49 0.00	27.46 2.17 0.00	26.66 2.09 0.00	27.41 2.17 0.00	30.92 2.53 0.00	40.55 3.48 -0.08	44.51 3.30 0.00	45.62 4.01 -2.67	42.06 4.09 -0.08	38.62 3.72 -0.13	37.51 3.65 -0.10	37.04 3.57 -0.11	36.87 3.66 -0.25	38.98 3.78 -0.23	39.33 3.92 -0.68	42.32 4.20 -0.91	52.20 4.90 -4.32	62.45 5.66 -5.36	94.94 5.92 -33.13	102.07 6.05 -39.51	53.48 4.44 -3.71	50.07 3.75 -7.30	38.03 3.33 0.00
HOLTSVILLE_IC_3 23692	33.84 2.74 0.00	28.95 2.49 0.00	27.46 2.17 0.00	26.66 2.09 0.00	27.41 2.17 0.00	30.92 2.53 0.00	40.55 3.48 -0.08	44.51 3.30 0.00	45.62 4.01 -2.67	42.06 4.09 -0.08	38.62 3.72 -0.13	37.51 3.65 -0.10	37.04 3.57 -0.11	36.87 3.66 -0.25	38.98 3.78 -0.23	39.33 3.92 -0.68	42.32 4.20 -0.91	52.20 4.90 -4.32	62.45 5.66 -5.36	94.94 5.92 -33.13	102.07 6.05 -39.51	53.48 4.44 -3.71	50.07 3.75 -7.30	38.03 3.33 0.00
HOLTSVILLE_IC_4 23693	33.84 2.74 0.00	28.95 2.49 0.00	27.46 2.17 0.00	26.66 2.09 0.00	27.41 2.17 0.00	30.92 2.53 0.00	40.55 3.48 -0.08	44.51 3.30 0.00	45.62 4.01 -2.67	42.06 4.09 -0.08	38.62 3.72 -0.13	37.51 3.65 -0.10	37.04 3.57 -0.11	36.87 3.66 -0.25	38.98 3.78 -0.23	39.33 3.92 -0.68	42.32 4.20 -0.91	52.20 4.90 -4.32	62.45 5.66 -5.36	94.94 5.92 -33.13	102.07 6.05 -39.51	53.48 4.44 -3.71	50.07 3.75 -7.30	38.03 3.33 0.00
HOLTSVILLE_IC_5 23694	33.84 2.74 0.00	28.95 2.49 0.00	27.46 2.17 0.00	26.66 2.09 0.00	27.41 2.17 0.00	30.92 2.53 0.00	40.55 3.48 -0.08	44.51 3.30 0.00	45.62 4.01 -2.67	42.06 4.09 -0.08	38.62 3.72 -0.13	37.51 3.65 -0.10	37.04 3.57 -0.11	36.87 3.66 -0.25	38.98 3.78 -0.23	39.33 3.92 -0.68	42.32 4.20 -0.91	52.20 4.90 -4.32	62.45 5.66 -5.36	94.94 5.92 -33.13	102.07 6.05 -39.51	53.48 4.44 -3.71	50.07 3.75 -7.30	38.03 3.33 0.00
HOLTSVILLE_IC_6 23695	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.76 2.19 0.00	27.53 2.30 0.00	31.03 2.64 0.00	40.77 3.70 -0.08	44.75 3.54 0.00	45.99 4.25 -2.80	42.29 4.32 -0.08	38.80 3.89 -0.15	37.69 3.81 -0.11	37.21 3.74 -0.11	37.08 3.85 -0.27	39.20 3.99 -0.25	39.59 4.13 -0.73	42.66 4.46 -0.99	52.64 5.20 -4.46	63.13 6.07 -5.63	97.02 6.37 -34.76	104.46 6.50 -41.45	54.05 4.80 -3.92	50.77 4.06 -7.69	38.24 3.54 0.00
HOLTSVILLE_IC_7 23696	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.76 2.19 0.00	27.53 2.30 0.00	31.03 2.64 0.00	40.77 3.70 -0.08	44.75 3.54 0.00	45.99 4.25 -2.80	42.29 4.32 -0.08	38.80 3.89 -0.15	37.69 3.81 -0.11	37.21 3.74 -0.11	37.08 3.85 -0.27	39.20 3.99 -0.25	39.59 4.13 -0.73	42.66 4.46 -0.99	52.64 5.20 -4.46	63.13 6.07 -5.63	97.02 6.37 -34.76	104.46 6.50 -41.45	54.05 4.80 -3.92	50.77 4.06 -7.69	38.24 3.54 0.00
HOLTSVILLE_IC_8 23697	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.76 2.19 0.00	27.53 2.30 0.00	31.03 2.64 0.00	40.77 3.70 -0.08	44.75 3.54 0.00	45.99 4.25 -2.80	42.29 4.32 -0.08	38.80 3.89 -0.15	37.69 3.81 -0.11	37.21 3.74 -0.11	37.08 3.85 -0.27	39.20 3.99 -0.25	39.59 4.13 -0.73	42.66 4.46 -0.99	52.64 5.20 -4.46	63.13 6.07 -5.63	97.02 6.37 -34.76	104.46 6.50 -41.45	54.05 4.80 -3.92	50.77 4.06 -7.69	38.24 3.54 0.00
HOLTSVILLE_IC_9 23698	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.76 2.19 0.00	27.53 2.30 0.00	31.03 2.64 0.00	40.77 3.70 -0.08	44.75 3.54 0.00	45.99 4.25 -2.80	42.29 4.32 -0.08	38.80 3.89 -0.15	37.69 3.81 -0.11	37.21 3.74 -0.11	37.08 3.85 -0.27	39.20 3.99 -0.25	39.59 4.13 -0.73	42.66 4.46 -0.99	52.64 5.20 -4.46	63.13 6.07 -5.63	97.02 6.37 -34.76	104.46 6.50 -41.45	54.05 4.80 -3.92	50.77 4.06 -7.69	38.24 3.54 0.00
HOMER_HL_115KV_TB2 355744	31.44 0.34 0.00	25.35 -1.11 0.00	23.97 -1.31 0.00	23.45 -1.13 0.00	24.30 -0.93 0.00	27.45 -0.94 0.00	34.92 -2.07 0.00	39.44 -1.77 0.00	35.75 -3.04 0.16	34.68 -3.14 0.07	31.95 -2.82 0.00	30.90 -2.87 0.00	30.63 -2.74 0.00	30.23 -2.74 0.00	32.21 -2.76 0.00	31.99 -2.74 0.00	34.68 -2.53 0.00	39.88 -3.44 -0.33	47.53 -3.96 -0.06	53.04 -2.85 0.00	53.29 -3.22 0.00	42.65 -2.67 0.00	37.15 -1.87 0.00	33.52 -1.18 0.00
HOWARD_WT_PWR 323690	30.73 -0.37 0.00	25.06 -1.40 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.10 -1.14 0.00	27.34 -1.05 0.00	35.29 -1.70 0.00	39.69 -1.52 0.00	38.12 -2.38 -1.55	35.78 -2.76 -0.65	32.16 -2.61 0.00	31.20 -2.57 0.00	30.89 -2.47 0.00	30.42 -2.54 0.00	32.42 -2.55 0.00	32.44 -2.29 0.00	35.13 -2.08 0.00	43.25 -2.49 -2.76	49.86 -2.26 -0.69	55.36 -1.34 -0.82	55.89 -1.47 -0.84	44.68 -1.00 -0.35	38.51 -0.58 -0.07	34.56 -0.14 0.00
HQ_GEN_CEDARS 23644	15.06 -0.84 15.20	15.33 -0.66 10.47	11.21 -0.58 13.49	10.51 -0.57 13.50	10.68 -0.66 13.90	11.45 -0.79 16.15	15.58 -1.00 20.41	41.90 -1.24 -1.92	17.81 -0.97 20.16	15.96 -1.06 20.87	14.55 -1.04 19.17	12.71 -0.98 20.08	8.98 -1.00 23.38	8.95 -0.99 23.02	9.10 -1.08 24.79	9.86 -1.08 23.79	12.91 -1.23 23.07	41.64 -1.33 0.01	49.58 -1.85 0.00	53.82 -2.07 0.00	54.48 -2.03 0.00	44.42 -0.91 0.00	38.55 -0.47 0.00	34.11 -0.59 0.00
HQ_GEN_CEDARS_PROXY 323590	14.68 -0.84 15.59	15.71 -0.66 10.09	11.22 -0.58 13.49	10.51 -0.56 13.50	10.68 -0.66 13.90	11.45 -0.79 16.15	15.59 -1.00 20.41	42.38 -1.20 -2.37	17.33 -1.01 20.60	16.00 -1.02 20.87	14.55 -1.04 19.17	12.71 -0.98 20.08	8.98 -1.00 23.38	8.95 -0.99 23.02	9.10 -1.08 24.79	9.86 -1.08 23.79	12.91 -1.23 23.07	41.64 -1.33 0.01	49.48 -1.95 0.00	53.93 -1.96 0.00	54.54 -1.98 0.00	44.42 -0.91 0.00	38.56 -0.47 0.00	34.11 -0.59 0.00

HQ_GEN_IMPORT 323601	28.08 -0.44 2.59	24.98 -0.34 1.14	23.00 -0.33 1.96	22.30 -0.32 1.96	22.87 -0.35 2.02	25.62 -0.43 2.34	33.48 -0.55 2.96	40.99 -0.66 -0.44	35.00 -0.55 3.40	34.30 -0.53 3.06	31.43 -0.52 2.81	30.32 -0.51 2.94	29.43 -0.50 3.43	29.09 -0.49 3.38	30.77 -0.56 3.64	30.69 -0.56 3.49	33.19 -0.63 3.38	42.29 -0.69 0.00	50.56 -0.87 0.00	54.99 -0.90 0.00	55.61 -0.91 0.00	44.79 -0.54 0.00	38.67 -0.35 0.00	34.32 -0.38 0.00
HQ_GEN_WHEEL 23651	28.08 -0.44 2.59	24.98 -0.34 1.14	23.00 -0.33 1.96	22.30 -0.32 1.96	22.87 -0.35 2.02	25.62 -0.43 2.34	33.48 -0.55 2.96	40.99 -0.66 -0.44	35.00 -0.55 3.40	34.30 -0.53 3.06	31.43 -0.52 2.81	30.32 -0.51 2.94	29.43 -0.50 3.43	29.09 -0.49 3.38	30.77 -0.56 3.64	30.69 -0.56 3.49	33.19 -0.63 3.38	42.29 -0.69 0.00	50.56 -0.87 0.00	54.99 -0.90 0.00	55.61 -0.91 0.00	44.79 -0.54 0.00	38.67 -0.35 0.00	34.32 -0.38 0.00
HUDSON AVE_GT_3 23810	33.06 1.96 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.18 3.23 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.97 3.21 0.00	36.53 3.17 0.00	36.16 3.20 0.00	38.33 3.36 0.00	38.22 3.47 -0.01	41.04 3.76 -0.07	49.93 4.30 -2.65	56.58 4.83 -0.32	61.08 5.20 0.00	61.72 5.20 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
HUDSON AVE_GT_4 23540	33.06 1.96 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.18 3.23 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.97 3.21 0.00	36.53 3.17 0.00	36.16 3.20 0.00	38.33 3.36 0.00	38.22 3.47 -0.01	41.04 3.76 -0.07	49.93 4.30 -2.65	56.58 4.83 -0.32	61.08 5.20 0.00	61.72 5.20 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
HUDSON AVE_GT_5 23657	33.06 1.96 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.18 3.23 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.97 3.21 0.00	36.53 3.17 0.00	36.16 3.20 0.00	38.33 3.36 0.00	38.22 3.47 -0.01	41.04 3.76 -0.07	49.93 4.30 -2.65	56.58 4.83 -0.32	61.08 5.20 0.00	61.72 5.20 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
HUDSON_AVE_10 24168	32.94 1.84 0.00	28.27 1.80 0.00	26.90 1.62 0.00	26.15 1.57 0.00	26.88 1.64 0.00	30.21 1.82 0.00	39.54 2.55 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.11 3.22 0.00	37.75 2.99 0.00	36.87 3.11 0.00	36.47 3.10 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.15 3.40 -0.01	40.96 3.68 -0.07	49.84 4.21 -2.65	56.48 4.73 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.82 3.49 0.00	41.91 2.89 0.00	37.06 2.36 0.00
HUDSON___115KV_TB 4 355613	32.19 1.09 0.00	27.52 1.06 0.00	26.34 1.06 0.00	25.58 1.01 0.00	26.30 1.06 0.00	29.58 1.19 0.00	38.58 1.59 0.00	42.98 1.77 0.00	40.58 1.64 0.00	39.33 1.44 0.00	35.98 1.22 0.00	34.91 1.15 0.00	34.50 1.13 0.00	34.08 1.12 0.00	36.19 1.22 0.00	36.12 1.39 0.00	38.73 1.53 0.00	47.86 1.72 -3.16	54.38 2.57 -0.38	58.62 2.74 0.00	59.40 2.88 0.00	47.46 2.13 0.00	40.66 1.64 0.00	36.09 1.39 0.00
HUNTER MOUNT___DRP 323613	32.25 1.15 0.00	27.58 1.11 0.00	26.40 1.11 0.00	25.63 1.06 0.00	26.35 1.11 0.00	29.67 1.28 0.00	38.69 1.70 0.00	43.11 1.90 0.00	40.70 1.75 0.00	39.37 1.48 0.00	35.95 1.18 0.00	34.85 1.08 0.00	34.43 1.07 0.00	34.02 1.05 0.00	36.12 1.15 0.00	36.05 1.32 0.00	38.70 1.49 0.00	47.57 1.50 -3.09	54.43 2.62 -0.37	58.74 2.85 0.00	59.57 3.05 0.00	47.60 2.27 0.00	40.82 1.80 0.00	36.19 1.49 0.00
HUNTINGTON_RES_REC 323705	33.72 2.61 0.00	28.85 2.38 0.00	27.36 2.07 0.00	26.57 1.99 0.00	27.31 2.07 0.00	30.80 2.41 0.00	40.35 3.40 0.04	44.55 3.34 0.00	41.13 3.93 1.74	41.90 4.06 0.04	38.59 3.68 -0.14	37.52 3.65 -0.11	37.05 3.57 -0.11	36.88 3.66 -0.26	39.03 3.81 -0.25	39.42 3.96 -0.73	42.47 4.28 -0.98	52.54 5.11 -4.45	56.15 6.01 1.30	41.57 6.37 20.68	38.11 6.50 24.90	49.39 4.90 0.84	39.94 4.02 3.10	38.00 3.30 0.00
HUNTLEY___63 23557	31.69 0.59 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.10 -1.14 0.00	27.23 -1.16 0.00	34.48 -2.52 0.00	38.86 -2.35 0.00	34.91 -3.50 0.53	34.18 -3.49 0.22	31.53 -3.23 0.00	30.49 -3.28 0.00	30.16 -3.20 0.00	29.80 -3.16 0.00	31.75 -3.22 0.00	31.57 -3.16 0.00	34.08 -3.13 0.00	39.07 -3.78 0.13	47.01 -4.47 -0.05	52.20 -3.69 0.00	52.33 -4.18 0.00	41.98 -3.35 0.00	36.72 -2.30 0.00	33.38 -1.32 0.00
HUNTLEY___64 23558	31.69 0.59 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.10 -1.14 0.00	27.23 -1.16 0.00	34.48 -2.52 0.00	38.86 -2.35 0.00	34.91 -3.50 0.53	34.18 -3.49 0.22	31.53 -3.23 0.00	30.49 -3.28 0.00	30.16 -3.20 0.00	29.80 -3.16 0.00	31.75 -3.22 0.00	31.57 -3.16 0.00	34.08 -3.13 0.00	39.07 -3.78 0.13	47.01 -4.47 -0.05	52.20 -3.69 0.00	52.33 -4.18 0.00	41.98 -3.35 0.00	36.72 -2.30 0.00	33.38 -1.32 0.00
HUNTLEY___65 23559	31.69 0.59 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.10 -1.14 0.00	27.23 -1.16 0.00	34.48 -2.52 0.00	38.86 -2.35 0.00	34.91 -3.50 0.53	34.18 -3.49 0.22	31.53 -3.23 0.00	30.49 -3.28 0.00	30.16 -3.20 0.00	29.80 -3.16 0.00	31.75 -3.22 0.00	31.57 -3.16 0.00	34.08 -3.13 0.00	39.07 -3.78 0.13	47.01 -4.47 -0.05	52.20 -3.69 0.00	52.33 -4.18 0.00	41.98 -3.35 0.00	36.72 -2.30 0.00	33.38 -1.32 0.00
HUNTLEY___66 23560	31.69 0.59 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.10 -1.14 0.00	27.23 -1.16 0.00	34.48 -2.52 0.00	38.86 -2.35 0.00	34.91 -3.50 0.53	34.18 -3.49 0.22	31.53 -3.23 0.00	30.49 -3.28 0.00	30.16 -3.20 0.00	29.80 -3.16 0.00	31.75 -3.22 0.00	31.57 -3.16 0.00	34.08 -3.13 0.00	39.07 -3.78 0.13	47.01 -4.47 -0.05	52.20 -3.69 0.00	52.33 -4.18 0.00	41.98 -3.35 0.00	36.72 -2.30 0.00	33.38 -1.32 0.00
HUNTLEY___67 23561	31.35 0.25 0.00	25.09 -1.38 0.00	23.77 -1.52 0.00	23.20 -1.38 0.00	24.00 -1.24 0.00	27.14 -1.25 0.00	34.33 -2.66 0.00	38.70 -2.51 0.00	34.60 -3.74 0.60	34.00 -3.64 0.25	31.39 -3.37 0.00	30.39 -3.38 0.00	30.06 -3.30 0.00	29.70 -3.26 0.00	31.65 -3.32 0.00	31.47 -3.26 0.00	34.01 -3.20 0.00	38.90 -3.87 0.21	46.91 -4.58 -0.05	52.09 -3.80 0.00	52.22 -4.30 0.00	41.84 -3.49 0.00	36.60 -2.42 0.00	33.28 -1.42 0.00
HUNTLEY___68 23562	31.35 0.25 0.00	25.09 -1.38 0.00	23.77 -1.52 0.00	23.20 -1.38 0.00	24.00 -1.24 0.00	27.14 -1.25 0.00	34.33 -2.66 0.00	38.70 -2.51 0.00	34.60 -3.74 0.60	34.00 -3.64 0.25	31.39 -3.37 0.00	30.39 -3.38 0.00	30.06 -3.30 0.00	29.70 -3.26 0.00	31.65 -3.32 0.00	31.47 -3.26 0.00	34.01 -3.20 0.00	38.90 -3.87 0.21	46.91 -4.58 -0.05	52.09 -3.80 0.00	52.22 -4.30 0.00	41.84 -3.49 0.00	36.60 -2.42 0.00	33.28 -1.42 0.00

HYLAND___LFGE 323620	33.12 2.02 0.00	26.52 0.05 0.00	25.13 -0.15 0.00	24.53 -0.05 0.00	25.46 0.23 0.00	28.79 0.40 0.00	36.95 -0.04 0.00	41.50 0.29 0.00	39.67 -0.97 -1.70	36.83 -1.78 -0.71	32.82 -1.95 0.00	31.81 -1.96 0.00	31.39 -1.97 0.00	30.89 -2.08 0.00	32.87 -2.10 0.00	32.96 -1.77 0.00	35.94 -1.27 0.00	44.15 -1.46 -2.63	50.66 -0.82 -0.06	56.17 0.28 0.00	56.52 0.00 0.00	45.65 0.32 0.00	39.37 0.35 0.00	35.46 0.76 0.00
INDECK___CORINTH 23802	32.91 1.80 0.00	28.08 1.61 0.00	26.88 1.59 0.00	26.08 1.50 0.00	26.85 1.62 0.00	30.21 1.82 0.00	39.51 2.52 0.00	44.14 2.93 0.00	41.71 2.77 0.00	40.54 2.65 0.00	36.96 2.19 0.00	35.76 1.99 0.00	35.30 1.93 0.00	34.87 1.91 0.00	37.03 2.06 0.00	36.96 2.22 0.00	39.63 2.42 0.00	49.23 2.92 -3.33	55.79 3.96 -0.40	60.02 4.14 0.00	60.98 4.46 0.00	48.73 3.40 0.00	41.71 2.69 0.00	36.89 2.19 0.00
INDECK___ILION 23567	31.78 -0.40 -1.08	26.89 -0.32 -0.74	25.96 -0.28 -0.96	25.29 -0.25 -0.96	26.00 -0.23 -0.99	29.31 -0.23 -1.15	38.22 -0.22 -1.45	41.00 -0.21 0.00	40.28 -0.12 -1.45	39.24 -0.15 -1.50	36.04 -0.10 -1.38	35.07 -0.14 -1.44	34.81 -0.23 -1.68	34.35 -0.26 -1.65	36.44 -0.31 -1.78	36.13 -0.31 -1.71	38.49 -0.37 -1.66	42.51 -0.47 0.00	50.92 -0.51 0.00	55.33 -0.56 0.00	56.06 -0.45 0.00	44.97 -0.36 0.00	38.67 -0.35 0.00	34.39 -0.31 0.00
INDECK___OLEAN 23982	31.45 0.34 0.00	25.36 -1.11 0.00	23.97 -1.32 0.00	23.45 -1.13 0.00	24.38 -0.86 0.00	27.45 -0.94 0.00	35.07 -1.93 0.00	39.64 -1.57 0.00	36.26 -2.53 0.16	34.68 -3.14 0.07	31.95 -2.81 0.00	31.03 -2.73 0.00	30.69 -2.67 0.00	30.23 -2.74 0.00	32.21 -2.76 0.00	31.99 -2.74 0.00	34.68 -2.53 0.00	39.91 -3.40 -0.32	48.05 -3.45 -0.06	53.04 -2.85 0.00	53.24 -3.28 0.00	42.65 -2.67 0.00	37.11 -1.91 0.00	33.52 -1.18 0.00
INDECK___OSWEGO 23783	29.95 -0.75 0.41	25.55 -0.64 0.28	24.34 -0.58 0.36	23.62 -0.59 0.36	24.26 -0.61 0.38	27.30 -0.65 0.44	35.66 -0.78 0.55	40.30 -0.91 0.00	37.47 -0.94 0.54	36.46 -0.87 0.56	33.41 -0.83 0.52	32.38 -0.84 0.54	31.90 -0.83 0.63	31.55 -0.79 0.62	33.46 -0.84 0.67	33.15 -0.94 0.64	35.58 -1.00 0.62	44.66 -1.16 -2.84	56.58 -1.34 -6.49	63.03 -1.39 -8.54	63.85 -1.47 -8.80	47.77 -1.18 -3.62	38.74 -1.01 -0.73	33.97 -0.73 0.00
INDECK___YERKES 23781	31.72 0.62 0.00	25.20 -1.27 0.00	23.87 -1.42 0.00	23.30 -1.28 0.00	24.23 -1.01 0.00	27.25 -1.14 0.00	34.66 -2.33 0.00	39.11 -2.10 0.00	35.73 -2.69 0.53	34.22 -3.45 0.22	31.60 -3.16 0.00	30.66 -3.11 0.00	30.36 -3.00 0.00	29.83 -3.13 0.00	31.79 -3.18 0.00	31.61 -3.13 0.00	34.08 -3.13 0.00	39.07 -3.78 0.13	47.27 -4.22 -0.05	52.25 -3.63 0.00	52.39 -4.12 0.00	42.02 -3.31 0.00	36.72 -2.30 0.00	33.38 -1.32 0.00
INDIAN POINT_GT_1 24139	32.75 1.65 0.00	28.11 1.64 0.00	26.77 1.49 0.00	26.00 1.43 0.00	26.75 1.51 0.00	30.04 1.65 0.00	39.25 2.26 0.00	43.77 2.56 0.00	41.67 2.73 0.00	40.62 2.73 0.00	37.37 2.61 0.00	36.40 2.63 0.00	36.00 2.64 0.00	35.60 2.64 0.00	37.73 2.76 0.00	37.61 2.88 0.00	40.34 3.13 0.00	49.26 3.65 -2.62	55.91 4.17 -0.32	60.25 4.36 0.00	60.98 4.46 0.00	48.46 3.13 0.00	41.52 2.50 0.00	36.75 2.05 0.00
INDIAN POINT_GT_2 23659	32.75 1.65 0.00	28.11 1.64 0.00	26.77 1.49 0.00	26.00 1.43 0.00	26.75 1.51 0.00	30.04 1.65 0.00	39.25 2.26 0.00	43.77 2.56 0.00	41.67 2.73 0.00	40.62 2.73 0.00	37.37 2.61 0.00	36.40 2.63 0.00	36.00 2.64 0.00	35.60 2.64 0.00	37.73 2.76 0.00	37.61 2.88 0.00	40.34 3.13 0.00	49.26 3.65 -2.62	55.91 4.17 -0.32	60.25 4.36 0.00	60.98 4.46 0.00	48.46 3.13 0.00	41.52 2.50 0.00	36.75 2.05 0.00
INDIAN POINT_GT_3 24019	32.75 1.65 0.00	28.11 1.64 0.00	26.77 1.49 0.00	26.00 1.43 0.00	26.75 1.51 0.00	30.04 1.65 0.00	39.25 2.26 0.00	43.77 2.56 0.00	41.67 2.73 0.00	40.62 2.73 0.00	37.37 2.61 0.00	36.40 2.63 0.00	36.00 2.64 0.00	35.60 2.64 0.00	37.73 2.76 0.00	37.61 2.88 0.00	40.34 3.13 0.00	49.26 3.65 -2.62	55.91 4.17 -0.32	60.25 4.36 0.00	60.98 4.46 0.00	48.46 3.13 0.00	41.52 2.50 0.00	36.75 2.05 0.00
INDIAN POINT___2 23530	32.72 1.62 0.00	28.08 1.61 0.00	26.75 1.47 0.00	26.00 1.42 0.00	26.70 1.46 0.00	30.04 1.65 0.00	39.21 2.22 0.00	43.68 2.47 0.00	41.51 2.57 0.00	40.54 2.65 0.00	37.30 2.54 0.00	36.37 2.60 0.00	35.93 2.57 0.00	35.57 2.60 0.00	37.70 2.73 0.00	37.54 2.81 0.00	40.26 3.05 0.00	49.13 3.57 -2.59	55.80 4.06 -0.31	60.08 4.19 0.00	60.81 4.29 0.00	48.41 3.08 0.00	41.48 2.46 0.00	36.68 1.98 0.00
INDIAN POINT___3 23531	32.72 1.62 0.00	28.08 1.61 0.00	26.75 1.47 0.00	26.00 1.43 0.00	26.73 1.49 0.00	30.04 1.65 0.00	39.21 2.22 0.00	43.77 2.56 0.00	41.63 2.69 0.00	40.58 2.69 0.00	37.34 2.57 0.00	36.37 2.60 0.00	35.96 2.60 0.00	35.57 2.60 0.00	37.70 2.73 0.00	37.54 2.81 0.00	40.26 3.05 0.00	49.13 3.52 -2.62	55.81 4.06 -0.32	60.13 4.25 0.00	60.87 4.35 0.00	48.41 3.08 0.00	41.48 2.46 0.00	36.68 1.98 0.00
INGHAM_C_115KV_TB7 356103	31.00 -1.18 -1.08	26.26 -0.95 -0.74	25.38 -0.86 -0.96	24.73 -0.81 -0.96	25.42 -0.81 -0.99	28.72 -0.82 -1.15	37.44 -1.00 -1.45	40.14 -1.07 0.00	39.50 -0.90 -1.45	38.52 -0.87 -1.50	35.38 -0.76 -1.38	34.40 -0.81 -1.44	34.11 -0.93 -1.68	33.56 -1.05 -1.65	35.60 -1.15 -1.78	35.29 -1.15 -1.71	37.56 -1.30 -1.66	41.48 -1.50 0.00	49.73 -1.70 0.00	54.04 -1.84 0.00	54.82 -1.70 0.00	44.01 -1.31 0.00	37.89 -1.13 0.00	33.69 -1.01 0.00
IP CORINTH___1 23988	32.91 1.80 0.00	28.08 1.61 0.00	26.88 1.59 0.00	26.08 1.50 0.00	26.85 1.62 0.00	30.21 1.82 0.00	39.51 2.52 0.00	44.14 2.93 0.00	41.71 2.77 0.00	40.54 2.65 0.00	36.95 2.19 0.00	35.76 1.99 0.00	35.30 1.94 0.00	34.87 1.91 0.00	37.03 2.06 0.00	36.95 2.22 0.00	39.63 2.42 0.00	49.24 2.92 -3.33	55.74 3.91 -0.40	60.02 4.14 0.00	61.04 4.52 0.00	48.73 3.40 0.00	41.72 2.69 0.00	36.89 2.19 0.00
IP___TICONDEROGA 23804	33.59 2.49 0.00	28.58 2.12 0.00	27.41 2.12 0.00	26.57 1.99 0.00	27.41 2.17 0.00	30.83 2.44 0.00	40.39 3.40 0.00	45.13 3.91 0.00	42.60 3.66 0.00	41.26 3.37 0.00	37.51 2.75 0.00	36.26 2.50 0.00	35.83 2.47 0.00	35.40 2.44 0.00	37.66 2.69 0.00	37.68 2.95 0.00	40.48 3.27 0.00	50.39 4.08 -3.33	57.49 5.66 -0.40	61.92 6.04 0.00	62.96 6.44 0.00	50.22 4.90 0.00	42.85 3.82 0.00	37.82 3.12 0.00
ISLIP_RES_REC 323679	34.15 3.05 0.00	29.19 2.73 0.00	27.69 2.40 0.00	26.86 2.29 0.00	27.63 2.40 0.00	31.17 2.78 0.00	40.95 3.88 -0.07	44.96 3.75 0.00	45.94 4.44 -2.56	42.47 4.51 -0.07	38.98 4.07 -0.15	37.89 4.02 -0.11	37.38 3.90 -0.12	37.26 4.02 -0.28	39.39 4.16 -0.26	39.80 4.31 -0.77	42.93 4.69 -1.04	52.99 5.46 -4.55	63.13 6.38 -5.32	94.48 6.76 -31.84	101.29 6.84 -37.94	54.17 5.12 -3.72	50.45 4.25 -7.17	38.42 3.71 0.00

JAMAICA__27_KV_LOAD 355505	32.88 1.77 0.00	28.19 1.72 0.00	26.83 1.54 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.18 1.79 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.18 3.23 0.00	41.15 3.26 0.00	37.75 2.99 0.00	36.87 3.11 0.00	36.47 3.10 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.25 3.51 -0.01	41.04 3.76 -0.07	49.93 4.30 -2.65	56.58 4.83 -0.32	61.08 5.20 0.00	61.72 5.20 0.00	48.77 3.45 0.00	41.95 2.93 0.00	37.09 2.39 0.00
JANIS__SOLAR 323808	33.93 2.83 0.00	28.56 2.09 0.00	27.36 2.07 0.00	26.66 2.09 0.00	27.56 2.32 0.00	31.37 2.98 0.00	41.21 4.22 0.00	45.99 4.78 0.00	42.92 3.97 0.00	40.50 2.61 0.00	36.71 1.95 0.00	35.25 1.48 0.00	34.70 1.34 0.00	34.15 1.18 0.00	36.51 1.54 0.00	35.18 0.45 0.00	38.06 0.86 0.00	45.75 1.29 -1.48	54.84 2.00 -1.40	60.12 2.52 -1.72	60.72 2.43 -1.77	47.96 1.90 -0.73	40.81 1.64 -0.15	36.19 1.49 0.00
JARVIS____ 23743	32.28 0.09 -1.08	27.29 0.08 -0.74	26.34 0.10 -0.96	25.64 0.10 -0.96	26.33 0.10 -0.99	29.68 0.14 -1.15	38.63 0.19 -1.45	41.42 0.21 0.00	40.63 0.24 -1.45	39.58 0.19 -1.50	36.35 0.21 -1.38	35.38 0.17 -1.44	35.21 0.17 -1.68	34.78 0.17 -1.65	36.93 0.18 -1.78	36.65 0.21 -1.71	39.05 0.19 -1.66	43.16 0.17 0.00	51.64 0.21 0.00	56.11 0.22 0.00	56.74 0.23 0.00	45.47 0.14 0.00	39.10 0.08 0.00	34.77 0.07 0.00
JENNISON____1 23625	32.56 1.46 0.00	27.52 1.06 0.00	26.32 1.04 0.00	25.63 1.06 0.00	26.42 1.19 0.00	29.90 1.50 0.00	39.03 2.03 0.00	43.64 2.43 0.00	41.09 2.14 0.00	39.60 1.71 0.00	36.22 1.46 0.00	35.05 1.28 0.00	34.56 1.20 0.00	34.12 1.15 0.00	36.26 1.29 0.00	36.02 1.29 0.00	38.81 1.60 0.00	46.44 2.02 -1.44	54.97 2.57 -0.97	59.95 2.96 -1.10	60.59 2.94 -1.14	48.02 2.22 -0.47	41.03 1.91 -0.09	36.37 1.67 0.00
JENNISON____2 23626	32.56 1.46 0.00	27.52 1.06 0.00	26.32 1.04 0.00	25.63 1.06 0.00	26.42 1.19 0.00	29.90 1.50 0.00	39.03 2.03 0.00	43.64 2.43 0.00	41.09 2.14 0.00	39.60 1.71 0.00	36.22 1.46 0.00	35.05 1.28 0.00	34.56 1.20 0.00	34.12 1.15 0.00	36.26 1.29 0.00	36.02 1.29 0.00	38.81 1.60 0.00	46.44 2.02 -1.44	54.97 2.57 -0.97	59.95 2.96 -1.10	60.59 2.94 -1.14	48.02 2.22 -0.47	41.03 1.91 -0.09	36.37 1.67 0.00
JERICOHO_RISE_WT_PWR 323719	14.00 -1.40 15.71	14.56 -1.09 10.82	10.31 -1.04 13.93	9.50 -1.13 13.95	9.54 -1.34 14.35	10.03 -1.68 16.68	13.72 -2.18 21.08	-2.75 -2.52 41.44	16.07 -1.83 21.05	14.36 -1.74 21.79	13.05 -1.70 20.01	11.09 -1.72 20.96	7.19 -1.77 24.41	7.12 -1.81 24.03	7.10 -1.99 25.88	7.88 -2.02 24.83	10.90 -2.23 24.08	40.52 -2.45 0.01	48.60 -2.83 0.00	53.09 -2.79 0.00	53.86 -2.66 0.00	43.65 -1.68 0.00	37.97 -1.05 0.00	33.66 -1.04 0.00
KATONAH__115KV_46KV_TB4 355592	32.88 1.77 0.00	28.21 1.75 0.00	26.88 1.59 0.00	26.13 1.55 0.00	26.88 1.64 0.00	30.18 1.79 0.00	39.40 2.40 0.00	44.01 2.80 0.00	41.90 2.96 0.00	40.85 2.96 0.00	37.58 2.82 0.00	36.60 2.84 0.00	36.20 2.84 0.00	35.76 2.80 0.00	37.98 3.01 0.00	37.86 3.13 0.00	40.59 3.39 0.00	49.66 4.00 -2.68	56.33 4.58 -0.32	60.64 4.75 0.00	61.43 4.92 0.00	48.77 3.45 0.00	41.75 2.73 0.00	36.92 2.22 0.00
KCE_NY_1 323755	32.78 1.68 0.00	28.00 1.53 0.00	26.77 1.49 0.00	26.00 1.42 0.00	26.72 1.49 0.00	30.07 1.67 0.00	39.29 2.29 0.00	43.85 2.64 0.00	41.40 2.45 0.00	40.28 2.39 0.00	36.85 2.09 0.00	35.69 1.92 0.00	35.23 1.87 0.00	34.81 1.84 0.00	36.96 1.99 0.00	36.85 2.12 0.00	39.52 2.31 0.00	49.01 2.71 -3.32	55.38 3.55 -0.40	59.57 3.69 0.00	60.41 3.90 0.00	48.32 2.99 0.00	41.36 2.34 0.00	36.57 1.87 0.00
KCE_NY_6_ESR 323823	31.57 0.47 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.30 -1.28 0.00	24.23 -1.01 0.00	27.25 -1.14 0.00	34.73 -2.26 0.00	39.19 -2.02 0.00	35.63 -2.69 0.62	34.22 -3.41 0.26	31.64 -3.13 0.00	30.73 -3.04 0.00	30.43 -2.94 0.00	29.90 -3.06 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.23 -2.98 0.00	39.15 -3.61 0.22	47.57 -3.91 -0.05	52.64 -3.24 0.00	52.78 -3.73 0.00	42.34 -2.99 0.00	36.95 -2.07 0.00	33.56 -1.14 0.00
KEDC PORT_JEFF_GT2 24210	33.96 2.86 0.00	29.06 2.60 0.00	27.56 2.28 0.00	26.74 2.16 0.00	27.51 2.27 0.00	31.00 2.61 0.00	40.75 3.66 -0.10	44.71 3.50 0.00	46.51 4.21 -3.35	42.27 4.28 -0.10	38.76 3.86 -0.14	37.68 3.81 -0.10	37.18 3.70 -0.11	37.04 3.82 -0.26	39.16 3.95 -0.24	39.54 4.10 -0.71	42.59 4.43 -0.96	52.58 5.20 -4.40	63.80 5.91 -6.45	103.64 6.20 -41.55	112.42 6.33 -49.57	54.47 4.67 -4.47	52.02 4.02 -8.98	38.20 3.50 0.00
KEDC PORT_JEFF_GT3 24211	33.96 2.86 0.00	29.06 2.60 0.00	27.56 2.28 0.00	26.74 2.16 0.00	27.51 2.27 0.00	31.00 2.61 0.00	40.75 3.66 -0.10	44.71 3.50 0.00	46.51 4.21 -3.35	42.27 4.28 -0.10	38.76 3.86 -0.14	37.68 3.81 -0.10	37.18 3.70 -0.11	37.04 3.82 -0.26	39.16 3.95 -0.24	39.54 4.10 -0.71	42.59 4.43 -0.96	52.58 5.20 -4.40	63.80 5.91 -6.45	103.64 6.20 -41.55	112.42 6.33 -49.57	54.47 4.67 -4.47	52.02 4.02 -8.98	38.20 3.50 0.00
KEDC_GLWD_GT4 24219	33.28 2.18 0.00	28.50 2.04 0.00	27.10 1.82 0.00	26.32 1.75 0.00	27.05 1.82 0.00	30.46 2.07 0.00	39.89 2.89 -0.01	44.30 3.09 0.00	42.37 3.39 -0.04	41.38 3.48 -0.01	38.69 3.30 -0.62	37.56 3.34 -0.45	37.18 3.34 -0.48	37.48 3.36 -1.15	39.57 3.53 -1.07	41.53 3.61 -3.19	45.48 3.91 -4.36	58.01 4.39 -10.64	61.47 5.04 -5.00	64.50 5.31 -3.30	65.18 5.37 -3.29	53.63 3.90 -4.41	47.16 3.32 -4.82	37.44 2.71 -0.03
KEDC_GLWD_GT5 24220	33.28 2.18 0.00	28.50 2.04 0.00	27.10 1.82 0.00	26.32 1.75 0.00	27.05 1.82 0.00	30.46 2.07 0.00	39.89 2.89 -0.01	44.30 3.09 0.00	42.37 3.39 -0.04	41.38 3.48 -0.01	38.69 3.30 -0.62	37.56 3.34 -0.45	37.18 3.34 -0.48	37.48 3.36 -1.15	39.57 3.53 -1.07	41.53 3.61 -3.19	45.48 3.91 -4.36	58.01 4.39 -10.64	61.47 5.04 -5.00	64.50 5.31 -3.30	65.18 5.37 -3.29	53.63 3.90 -4.41	47.16 3.32 -4.82	37.44 2.71 -0.03
KENSICO____ 23655	32.84 1.74 0.00	28.16 1.69 0.00	26.85 1.57 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.93 2.72 0.00	41.83 2.88 0.00	40.77 2.88 0.00	37.51 2.75 0.00	36.57 2.80 0.00	36.13 2.77 0.00	35.76 2.80 0.00	37.91 2.94 0.00	37.75 3.02 0.00	40.48 3.27 0.00	49.41 3.78 -2.64	56.07 4.32 -0.32	60.47 4.58 0.00	61.21 4.69 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.85 2.15 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.75 1.65 0.00	28.05 1.59 0.00	26.75 1.47 0.00	26.00 1.43 0.00	26.73 1.49 0.00	30.07 1.68 0.00	39.32 2.33 0.00	43.85 2.64 0.00	41.67 2.73 0.00	40.51 2.61 0.00	37.13 2.36 0.00	36.13 2.36 0.00	35.73 2.37 0.00	35.30 2.34 0.00	37.38 2.41 0.00	37.27 2.54 0.00	40.07 2.87 0.00	48.89 3.40 -2.51	55.69 3.96 -0.30	60.19 4.30 0.00	61.04 4.52 0.00	48.55 3.22 0.00	41.64 2.61 0.00	36.85 2.15 0.00

KIAC_JFK_GT1 23816	32.69 1.59 0.00	28.05 1.59 0.00	26.70 1.42 0.00	25.95 1.38 0.00	26.67 1.44 0.00	30.04 1.65 0.00	39.40 2.40 0.00	43.77 2.56 0.00	41.83 2.88 0.00	40.81 2.92 0.00	37.58 2.82 0.00	36.67 2.90 0.00	36.30 2.94 0.00	35.93 2.97 0.00	38.08 3.11 0.00	38.04 3.30 -0.01	40.70 3.42 -0.07	49.54 3.91 -2.65	56.12 4.37 -0.32	60.52 4.64 0.00	61.15 4.63 0.00	48.37 3.04 0.00	41.60 2.58 0.00	36.92 2.22 0.00
KIAC_JFK_GT2 23817	32.69 1.59 0.00	28.05 1.59 0.00	26.70 1.42 0.00	25.95 1.38 0.00	26.67 1.44 0.00	30.04 1.65 0.00	39.40 2.40 0.00	43.77 2.56 0.00	41.83 2.88 0.00	40.81 2.92 0.00	37.58 2.82 0.00	36.67 2.90 0.00	36.30 2.94 0.00	35.93 2.97 0.00	38.08 3.11 0.00	38.04 3.30 -0.01	40.70 3.42 -0.07	49.54 3.91 -2.65	56.12 4.37 -0.32	60.52 4.64 0.00	61.15 4.63 0.00	48.37 3.04 0.00	41.60 2.58 0.00	36.92 2.22 0.00
KIAC_JFK____ 323774	32.69 1.59 0.00	28.05 1.59 0.00	26.70 1.41 0.00	25.95 1.38 0.00	26.65 1.41 0.00	30.04 1.65 0.00	39.36 2.37 0.00	43.72 2.51 0.00	41.67 2.73 0.00	40.81 2.92 0.00	37.58 2.81 0.00	36.67 2.90 0.00	36.26 2.90 0.00	35.93 2.97 0.00	38.08 3.11 0.00	38.05 3.30 -0.01	40.63 3.35 -0.07	49.54 3.91 -2.65	56.12 4.37 -0.32	60.36 4.47 0.00	61.04 4.52 0.00	48.32 2.99 0.00	41.60 2.57 0.00	36.92 2.22 0.00
KINTIGH__24_KV_GSU 356498	31.51 0.40 0.00	25.33 -1.14 0.00	24.02 -1.26 0.00	23.45 -1.13 0.00	24.25 -0.98 0.00	27.40 -0.99 0.00	34.70 -2.29 0.00	39.03 -2.18 0.00	35.20 -3.39 0.36	34.60 -3.14 0.15	31.81 -2.96 0.00	30.83 -2.94 0.00	30.49 -2.87 0.00	30.16 -2.80 0.00	32.07 -2.90 0.00	31.88 -2.85 0.00	34.53 -2.68 0.00	39.79 -3.22 -0.04	47.62 -3.86 -0.04	52.53 -3.35 0.00	52.67 -3.84 0.00	42.25 -3.08 0.00	36.88 -2.15 0.00	33.42 -1.28 0.00
KINTIGH____ 23543	31.51 0.40 0.00	25.33 -1.14 0.00	24.02 -1.26 0.00	23.45 -1.13 0.00	24.25 -0.98 0.00	27.40 -0.99 0.00	34.70 -2.29 0.00	39.03 -2.18 0.00	35.20 -3.39 0.36	34.60 -3.14 0.15	31.81 -2.96 0.00	30.83 -2.94 0.00	30.49 -2.87 0.00	30.16 -2.80 0.00	32.07 -2.90 0.00	31.88 -2.85 0.00	34.53 -2.68 0.00	39.79 -3.22 -0.04	47.62 -3.86 -0.04	52.53 -3.35 0.00	52.67 -3.84 0.00	42.25 -3.08 0.00	36.88 -2.15 0.00	33.42 -1.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	14.13 -1.03 15.94	14.69 -0.79 10.98	10.36 -0.78 14.14	9.58 -0.84 14.16	9.63 -1.03 14.57	10.13 -1.33 16.93	13.86 -1.74 21.40	0.01 -1.98 39.22	16.25 -1.32 21.37	14.40 -1.36 22.13	13.09 -1.36 20.32	11.10 -1.38 21.28	7.15 -1.43 24.78	7.08 -1.48 24.40	7.40 -1.29 26.27	8.19 -1.32 25.22	10.90 -1.86 24.45	41.00 -1.98 0.01	49.32 -2.11 0.00	53.65 -2.24 0.00	54.48 -2.03 0.00	44.24 -1.09 0.00	38.52 -0.51 0.00	34.11 -0.59 0.00
LACHUTE____HYDRO 323717	33.59 2.49 0.00	28.58 2.12 0.00	27.41 2.12 0.00	26.57 1.99 0.00	27.41 2.17 0.00	30.83 2.44 0.00	40.36 3.37 0.00	45.13 3.92 0.00	42.57 3.62 0.00	41.26 3.37 0.00	37.51 2.75 0.00	36.23 2.46 0.00	35.83 2.47 0.00	35.40 2.44 0.00	37.66 2.69 0.00	37.68 2.95 0.00	40.48 3.28 0.00	50.39 4.09 -3.32	57.49 5.66 -0.40	61.92 6.04 0.00	62.96 6.44 0.00	50.23 4.90 0.00	42.85 3.83 0.00	37.82 3.12 0.00
LAWRNCALV_115KV_TB1 80681	16.20 -1.52 13.38	16.03 -1.22 9.21	12.28 -1.14 11.87	11.59 -1.11 11.88	11.82 -1.19 12.23	12.79 -1.39 14.21	17.30 -1.74 17.96	44.31 -2.06 -5.16	19.43 -1.75 17.76	17.64 -1.86 18.39	16.10 -1.77 16.89	14.36 -1.72 17.69	11.00 -1.77 20.60	10.93 -1.75 20.28	11.28 -1.85 21.84	11.93 -1.84 20.96	14.84 -2.05 20.32	40.99 -2.19 -0.20	49.21 -2.73 -0.50	53.48 -3.07 -0.66	54.15 -3.05 -0.68	43.89 -1.72 -0.28	37.91 -1.17 -0.06	33.42 -1.28 0.00
LEDERLE____ 23769	32.81 1.71 0.00	28.13 1.67 0.00	26.80 1.52 0.00	26.05 1.47 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.32 2.33 0.00	43.89 2.68 0.00	41.75 2.80 0.00	40.69 2.80 0.00	37.41 2.64 0.00	36.43 2.67 0.00	36.03 2.67 0.00	35.63 2.67 0.00	37.77 2.80 0.00	37.61 2.88 0.00	40.37 3.16 0.00	49.19 3.65 -2.56	55.96 4.22 -0.31	60.36 4.47 0.00	61.15 4.63 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.82 2.12 0.00
LIGHTHSE_115KV_TB6 355974	29.34 -0.68 1.08	25.12 -0.61 0.74	23.77 -0.56 0.95	23.06 -0.57 0.95	23.67 -0.58 0.98	26.68 -0.57 1.14	34.92 -0.63 1.44	40.59 -0.62 0.00	36.90 -0.62 1.43	35.69 -0.72 1.48	32.68 -0.73 1.36	31.57 -0.78 1.42	30.94 -0.77 1.65	30.58 -0.76 1.63	32.41 -0.80 1.75	32.22 -0.83 1.68	34.68 -0.89 1.63	43.76 -0.90 -1.68	54.22 -0.87 -3.66	59.85 -0.84 -4.80	60.51 -0.96 -4.95	46.69 -0.68 -2.04	38.93 -0.51 -0.41	34.28 -0.42 0.00
LINDEN COGEN____ 23786	32.87 1.77 0.00	28.21 1.75 0.00	26.88 1.59 0.00	26.10 1.52 0.00	26.83 1.59 0.00	30.15 1.76 0.00	39.39 2.40 0.00	43.93 2.72 0.00	41.83 2.88 0.00	40.96 3.07 0.00	37.69 2.92 0.00	36.81 3.04 0.00	36.40 3.04 0.00	36.03 3.07 0.00	38.19 3.22 0.00	38.05 3.30 -0.01	40.85 3.57 -0.07	49.72 4.09 -2.65	57.80 4.58 -1.79	61.93 4.75 -1.29	62.56 4.80 -1.24	48.68 3.35 0.00	41.87 2.85 0.00	36.99 2.29 0.00
LINDHRST_69_KV_BK1 356055	33.87 2.77 0.00	28.95 2.49 0.00	27.46 2.17 0.00	26.67 2.09 0.00	27.41 2.17 0.00	30.92 2.53 0.00	40.77 3.77 -0.01	45.29 4.08 0.00	43.49 4.24 -0.30	42.14 4.24 -0.01	38.99 3.89 -0.33	37.89 3.88 -0.24	37.36 3.74 -0.26	37.37 3.79 -0.62	39.50 3.95 -0.58	40.54 4.06 -1.75	43.94 4.35 -2.38	55.06 5.07 -7.01	60.64 5.91 -3.29	67.32 6.32 -5.12	68.72 6.44 -5.76	52.78 4.76 -2.69	46.06 3.86 -3.18	38.11 3.40 -0.01
LIPA_MISC_IPP 23656	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.79 2.21 0.00	27.56 2.32 0.00	31.03 2.64 0.00	41.06 4.00 -0.07	45.45 4.24 0.00	46.05 4.40 -2.71	42.36 4.40 -0.07	38.93 4.03 -0.14	37.88 4.02 -0.10	37.17 3.70 -0.11	37.00 3.79 -0.25	39.12 3.92 -0.23	39.52 4.10 -0.69	42.60 4.46 -0.93	52.57 5.24 -4.35	62.98 6.12 -5.43	96.10 6.59 -33.62	103.33 6.73 -40.09	54.08 4.99 -3.76	50.49 4.06 -7.41	38.27 3.57 0.00
LISF____SOLAR 323691	34.06 2.96 0.00	29.14 2.67 0.00	27.63 2.35 0.00	26.81 2.24 0.00	27.58 2.35 0.00	31.09 2.70 0.00	40.85 3.77 -0.08	44.79 3.58 0.00	46.00 4.32 -2.73	42.33 4.36 -0.08	38.83 3.93 -0.14	37.68 3.81 -0.10	37.21 3.74 -0.11	37.07 3.85 -0.25	39.19 3.99 -0.24	39.59 4.17 -0.70	42.68 4.54 -0.94	52.68 5.33 -4.37	63.13 6.22 -5.48	96.44 6.65 -33.91	103.67 6.72 -40.43	54.16 5.03 -3.80	50.68 4.18 -7.48	38.34 3.64 0.00
LITTLE FALLS____HYD 24013	31.00 -1.18 -1.08	26.26 -0.95 -0.74	25.38 -0.86 -0.96	24.73 -0.81 -0.96	25.42 -0.81 -0.99	28.72 -0.82 -1.15	37.44 -1.00 -1.45	40.14 -1.07 0.00	39.50 -0.90 -1.45	38.52 -0.87 -1.50	35.38 -0.76 -1.38	34.40 -0.81 -1.44	34.11 -0.93 -1.68	33.56 -1.05 -1.65	35.60 -1.15 -1.78	35.29 -1.15 -1.71	37.56 -1.30 -1.66	41.48 -1.50 0.00	49.73 -1.70 0.00	54.04 -1.84 0.00	54.82 -1.70 0.00	44.01 -1.31 0.00	37.89 -1.13 0.00	33.69 -1.01 0.00

LITTLRIV_115KV_TB1 356100	16.78 -1.24 13.08	16.45 -1.01 9.01	12.80 -0.88 11.60	12.10 -0.86 11.62	12.35 -0.93 11.95	13.39 -1.11 13.89	18.10 -1.33 17.56	45.25 -1.65 -5.69	20.13 -1.44 17.37	18.24 -1.67 17.98	16.58 -1.67 16.51	14.85 -1.62 17.29	11.55 -1.67 20.14	11.48 -1.65 19.83	11.87 -1.75 21.35	12.53 -1.70 20.50	15.51 -1.82 19.87	41.34 -1.85 -0.21	49.75 -2.21 -0.53	54.13 -2.46 -0.71	54.81 -2.43 -0.73	44.41 -1.22 -0.30	38.34 -0.74 -0.06	33.76 -0.94 0.00
LI_NEWBRDGE___DRP 323616	33.31 2.21 0.00	28.50 2.04 0.00	27.08 1.80 0.00	26.30 1.72 0.00	27.03 1.79 0.00	30.46 2.07 0.00	40.06 3.07 0.00	44.55 3.34 0.00	42.53 3.58 -0.01	41.45 3.56 0.00	38.07 3.27 -0.03	37.10 3.31 -0.03	36.66 3.27 -0.03	36.32 3.30 -0.06	38.46 3.43 -0.06	38.41 3.51 -0.17	41.22 3.80 -0.21	50.45 4.43 -3.04	57.08 5.09 -0.55	61.44 5.42 -0.13	62.18 5.54 -0.12	49.50 3.94 -0.22	42.52 3.32 -0.18	37.47 2.78 0.01
LOCKPORT_115KV_TB60_63_64 80432	31.41 0.31 0.00	25.01 -1.46 0.00	23.66 -1.62 0.00	23.13 -1.45 0.00	23.92 -1.31 0.00	27.06 -1.33 0.00	34.22 -2.77 0.00	38.53 -2.68 0.00	34.93 -3.54 0.47	33.90 -3.79 0.20	31.25 -3.51 0.00	30.22 -3.55 0.00	29.89 -3.47 0.00	29.53 -3.43 0.00	31.44 -3.53 0.00	31.29 -3.44 0.00	33.82 -3.39 0.00	38.78 -4.13 0.07	46.65 -4.83 -0.05	51.75 -4.14 0.00	51.88 -4.63 0.00	41.61 -3.72 0.00	36.41 -2.61 0.00	33.10 -1.60 0.00
LOCKPORT___CC1 323769	31.38 0.28 0.00	25.01 -1.46 0.00	23.69 -1.59 0.00	23.13 -1.45 0.00	24.05 -1.19 0.00	27.06 -1.33 0.00	34.40 -2.59 0.00	38.78 -2.43 0.00	35.41 -3.04 0.50	33.93 -3.75 0.21	31.25 -3.51 0.00	30.36 -3.41 0.00	30.09 -3.27 0.00	29.57 -3.39 0.00	31.47 -3.50 0.00	31.29 -3.44 0.00	33.82 -3.39 0.00	38.75 -4.13 0.11	46.85 -4.63 -0.05	51.81 -4.08 0.00	51.88 -4.63 0.00	41.66 -3.67 0.00	36.41 -2.61 0.00	33.14 -1.56 0.00
LOCKPORT___CC2 323770	31.38 0.28 0.00	25.01 -1.46 0.00	23.69 -1.59 0.00	23.13 -1.45 0.00	24.05 -1.19 0.00	27.06 -1.33 0.00	34.40 -2.59 0.00	38.78 -2.43 0.00	35.41 -3.04 0.50	33.93 -3.75 0.21	31.25 -3.51 0.00	30.36 -3.41 0.00	30.09 -3.27 0.00	29.57 -3.39 0.00	31.47 -3.50 0.00	31.29 -3.44 0.00	33.82 -3.39 0.00	38.75 -4.13 0.11	46.85 -4.63 -0.05	51.81 -4.08 0.00	51.88 -4.63 0.00	41.66 -3.67 0.00	36.41 -2.61 0.00	33.14 -1.56 0.00
LOCKPORT___CC3 323771	31.38 0.28 0.00	25.01 -1.46 0.00	23.69 -1.59 0.00	23.13 -1.45 0.00	24.05 -1.19 0.00	27.06 -1.33 0.00	34.40 -2.59 0.00	38.78 -2.43 0.00	35.41 -3.04 0.50	33.93 -3.75 0.21	31.25 -3.51 0.00	30.36 -3.41 0.00	30.09 -3.27 0.00	29.57 -3.39 0.00	31.47 -3.50 0.00	31.29 -3.44 0.00	33.82 -3.39 0.00	38.75 -4.13 0.11	46.85 -4.63 -0.05	51.81 -4.08 0.00	51.88 -4.63 0.00	41.66 -3.67 0.00	36.41 -2.61 0.00	33.14 -1.56 0.00
LOCUSVLY_69_KV_BK2 55797	33.50 2.39 0.00	28.66 2.20 0.00	27.23 1.95 0.00	26.44 1.87 0.00	27.18 1.94 0.00	30.63 2.24 0.00	40.25 3.26 0.00	44.80 3.59 0.00	42.89 3.86 -0.09	41.72 3.83 0.00	38.82 3.55 -0.51	37.74 3.61 -0.37	37.30 3.54 -0.40	37.46 3.56 -0.94	39.59 3.74 -0.87	41.19 3.86 -2.60	44.89 4.13 -3.55	56.91 4.77 -9.16	61.20 5.55 -4.21	65.16 5.92 -3.35	66.03 6.05 -3.47	53.33 4.35 -3.65	46.72 3.63 -4.06	37.71 2.98 -0.02
LONG_LAKE_PHOENIX 24014	30.64 -0.47 0.00	26.04 -0.42 0.00	24.88 -0.40 0.00	24.18 -0.39 0.00	24.83 -0.40 0.00	27.99 -0.40 0.00	36.55 -0.44 0.00	40.67 -0.54 0.00	38.36 -0.58 0.00	37.36 -0.53 0.00	34.24 -0.52 0.00	33.23 -0.54 0.00	32.83 -0.53 0.00	32.47 -0.49 0.00	34.45 -0.52 0.00	34.11 -0.63 0.00	36.58 -0.63 0.00	44.53 -0.77 -2.32	55.70 -0.93 -5.19	61.81 -0.89 -6.82	62.53 -1.02 -7.03	47.41 -0.82 -2.89	38.91 -0.70 -0.59	34.25 -0.45 0.00
LOVETT___3 23632	32.69 1.59 0.00	28.05 1.59 0.00	26.72 1.44 0.00	25.98 1.40 0.00	26.70 1.46 0.00	30.01 1.62 0.00	39.17 2.18 0.00	43.72 2.51 0.00	41.59 2.65 0.00	40.54 2.65 0.00	37.27 2.50 0.00	36.33 2.57 0.00	35.93 2.57 0.00	35.53 2.57 0.00	37.66 2.69 0.00	37.51 2.78 0.00	40.22 3.01 0.00	49.04 3.48 -2.58	55.70 3.96 -0.31	60.08 4.19 0.00	60.81 4.30 0.00	48.37 3.04 0.00	41.44 2.42 0.00	36.64 1.94 0.00
LOVETT___4 23642	32.69 1.59 0.00	28.05 1.59 0.00	26.72 1.44 0.00	25.98 1.40 0.00	26.70 1.46 0.00	30.01 1.62 0.00	39.17 2.18 0.00	43.72 2.51 0.00	41.59 2.65 0.00	40.54 2.65 0.00	37.27 2.50 0.00	36.33 2.57 0.00	35.93 2.57 0.00	35.53 2.57 0.00	37.66 2.69 0.00	37.51 2.78 0.00	40.22 3.01 0.00	49.04 3.48 -2.58	55.70 3.96 -0.31	60.08 4.19 0.00	60.81 4.30 0.00	48.37 3.04 0.00	41.44 2.42 0.00	36.64 1.94 0.00
LOVETT___5 23593	32.69 1.59 0.00	28.05 1.59 0.00	26.72 1.44 0.00	25.98 1.40 0.00	26.70 1.46 0.00	30.01 1.62 0.00	39.17 2.18 0.00	43.72 2.51 0.00	41.59 2.65 0.00	40.54 2.65 0.00	37.27 2.50 0.00	36.33 2.57 0.00	35.93 2.57 0.00	35.53 2.57 0.00	37.66 2.69 0.00	37.51 2.78 0.00	40.22 3.01 0.00	49.04 3.48 -2.58	55.70 3.96 -0.31	60.08 4.19 0.00	60.81 4.30 0.00	48.37 3.04 0.00	41.44 2.42 0.00	36.64 1.94 0.00
LOWER RAQUET___HYD 24057	16.56 -1.74 12.80	16.25 -1.40 8.81	12.64 -1.29 11.35	11.96 -1.25 11.37	12.18 -1.36 11.70	13.21 -1.59 13.59	17.82 -2.00 17.18	45.06 -2.35 -6.19	19.92 -2.03 17.00	18.21 -2.08 17.60	16.58 -2.02 16.16	14.85 -1.99 16.93	11.65 -2.00 19.71	11.58 -1.98 19.41	11.94 -2.13 20.90	12.59 -2.08 20.06	15.42 -2.34 19.45	40.71 -2.49 -0.22	48.86 -3.14 -0.56	53.39 -3.24 -0.75	54.01 -3.28 -0.77	43.70 -1.95 -0.32	37.72 -1.37 -0.06	33.21 -1.49 0.00
LOWER___HUDSON 24059	32.53 1.43 0.00	27.81 1.35 0.00	26.60 1.31 0.00	25.83 1.25 0.00	26.55 1.31 0.00	29.87 1.48 0.00	39.02 2.03 0.00	43.52 2.31 0.00	41.12 2.18 0.00	39.97 2.08 0.00	36.68 1.91 0.00	35.59 1.82 0.00	35.10 1.73 0.00	34.68 1.71 0.00	36.79 1.82 0.00	36.64 1.91 0.00	39.18 1.97 0.00	48.48 2.23 -3.27	54.70 2.88 -0.39	58.79 2.90 0.00	59.51 2.99 0.00	47.64 2.31 0.00	40.78 1.76 0.00	36.02 1.32 0.00
LOWVILLE_115KV_TB2 356335	27.45 -0.65 3.00	23.82 -0.58 2.07	22.12 -0.51 2.66	21.42 -0.49 2.66	22.04 -0.45 2.74	24.78 -0.43 3.18	32.49 -0.48 4.03	42.51 -0.49 -1.79	34.54 -0.43 3.98	33.02 -0.76 4.12	30.18 -0.80 3.78	28.89 -0.91 3.96	27.82 -0.93 4.61	27.50 -0.92 4.54	29.14 -0.94 4.89	29.14 -0.90 4.69	31.76 -0.89 4.55	42.86 -0.73 -0.61	52.73 0.05 -1.25	57.52 0.00 -1.63	58.20 0.00 -1.68	46.16 0.14 -0.69	39.28 0.12 -0.14	34.66 -0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.78 1.68 0.00	27.97 1.51 0.00	26.77 1.49 0.00	25.98 1.40 0.00	26.73 1.49 0.00	30.07 1.68 0.00	39.25 2.26 0.00	43.81 2.60 0.00	41.44 2.49 0.00	40.24 2.35 0.00	36.85 2.09 0.00	35.69 1.92 0.00	35.23 1.87 0.00	34.81 1.85 0.00	36.96 1.99 0.00	36.85 2.12 0.00	39.48 2.27 0.00	49.01 2.71 -3.32	55.33 3.50 -0.40	59.57 3.69 0.00	60.42 3.90 0.00	48.28 2.95 0.00	41.32 2.30 0.00	36.57 1.87 0.00

LUTHERNY_35_KV_BK2 355980	32.78 1.68 0.00	28.00 1.54 0.00	26.77 1.49 0.00	26.00 1.43 0.00	26.73 1.49 0.00	30.07 1.68 0.00	39.28 2.29 0.00	43.85 2.64 0.00	41.44 2.49 0.00	40.28 2.39 0.00	36.85 2.09 0.00	35.69 1.92 0.00	35.23 1.87 0.00	34.81 1.85 0.00	36.96 1.99 0.00	36.85 2.12 0.00	39.51 2.31 0.00	49.01 2.71 -3.32	55.38 3.55 -0.40	59.63 3.74 0.00	60.42 3.90 0.00	48.32 2.99 0.00	41.36 2.34 0.00	36.57 1.87 0.00
LWR___OSWEGATCHIE_HYD 23850	21.11 -1.56 8.43	19.36 -1.30 5.81	16.64 -1.16 7.48	15.96 -1.13 7.49	16.34 -1.19 7.71	18.13 -1.31 8.96	24.08 -1.59 11.32	43.61 -1.81 -4.21	26.15 -1.60 11.20	24.44 -1.86 11.59	22.31 -1.81 10.65	20.79 -1.82 11.15	18.54 -1.83 12.99	18.36 -1.81 12.79	19.28 -1.92 13.77	19.64 -1.88 13.22	22.39 -2.01 12.81	41.42 -2.06 -0.50	50.43 -2.06 -1.05	54.97 -2.29 -1.37	55.62 -2.32 -1.42	44.51 -1.41 -0.58	38.09 -1.05 -0.12	33.52 -1.18 0.00
LYONS_FALL_HYD 23570	29.29 -0.22 1.60	25.15 -0.21 1.10	23.72 -0.15 1.42	23.01 -0.15 1.42	23.65 -0.13 1.46	26.64 -0.06 1.70	34.85 0.00 2.14	42.46 0.04 -1.21	36.91 0.08 2.11	35.51 -0.19 2.19	32.51 -0.24 2.01	31.36 -0.30 2.10	30.55 -0.37 2.45	30.19 -0.36 2.41	32.02 -0.35 2.60	31.92 -0.31 2.49	34.53 -0.26 2.42	43.39 -0.09 -0.49	52.88 0.46 -0.98	57.62 0.45 -1.28	58.24 0.40 -1.32	46.28 0.41 -0.55	39.48 0.35 -0.11	34.87 0.17 0.00
MADISON___COUNTY_LFGE 323628	31.69 0.59 0.00	26.89 0.42 0.00	25.71 0.43 0.00	25.02 0.44 0.00	25.72 0.48 0.00	29.04 0.65 0.00	37.88 0.89 0.00	42.24 1.03 0.00	39.88 0.93 0.00	38.65 0.76 0.00	35.43 0.66 0.00	34.31 0.54 0.00	33.86 0.50 0.00	33.49 0.53 0.00	35.53 0.56 0.00	35.32 0.59 0.00	37.91 0.71 0.00	44.52 0.90 -0.63	53.82 1.23 -1.16	58.78 1.40 -1.50	59.42 1.36 -1.55	47.01 1.04 -0.64	40.01 0.86 -0.13	35.43 0.73 0.00
MALONE___115KV_TB1 356076	14.85 -1.28 14.98	15.14 -1.01 10.32	11.04 -0.96 13.28	10.29 -0.98 13.30	10.36 -1.19 13.69	11.04 -1.45 15.90	15.04 -1.85 20.10	66.03 -2.14 -26.96	17.39 -1.52 20.03	15.52 -1.63 20.74	14.12 -1.60 19.04	12.27 -1.55 19.94	8.53 -1.60 23.23	8.44 -1.65 22.87	8.53 -1.82 24.63	9.29 -1.81 23.64	12.24 -2.05 22.92	40.82 -2.15 0.01	49.01 -2.42 0.00	53.26 -2.63 0.00	54.03 -2.49 0.00	43.97 -1.36 0.00	38.28 -0.74 0.00	33.83 -0.87 0.00
MAPLEWOD_115KV_TB3 80458	32.13 1.03 0.00	27.50 1.03 0.00	26.29 1.01 0.00	25.54 0.96 0.00	26.22 0.98 0.00	29.50 1.11 0.00	38.43 1.44 0.00	42.90 1.69 0.00	40.58 1.64 0.00	39.48 1.59 0.00	36.26 1.49 0.00	35.18 1.42 0.00	34.76 1.40 0.00	34.35 1.38 0.00	36.47 1.50 0.00	36.33 1.60 0.00	38.85 1.64 0.00	48.21 1.98 -3.25	54.29 2.47 -0.39	58.40 2.51 0.00	59.12 2.60 0.00	47.28 1.95 0.00	40.47 1.44 0.00	35.84 1.15 0.00
MAPLE_RIDGE_WT_1 323574	3.24 -1.25 26.62	7.12 -1.01 18.34	0.71 -0.96 23.61	0.00 -0.93 23.64	0.00 -0.91 24.33	-0.87 -0.99 28.27	0.00 -1.26 35.73	39.69 -1.52 0.00	2.27 -1.28 35.39	0.00 -1.25 36.64	0.00 -1.11 33.65	-2.52 -1.05 35.24	-8.71 -1.03 41.04	-8.47 -1.02 40.41	-9.63 -1.08 43.51	-8.07 -1.04 41.76	-4.40 -1.12 40.49	41.63 -1.33 0.02	49.94 -1.49 0.00	54.38 -1.51 0.00	55.05 -1.47 0.00	44.33 -1.00 0.00	38.32 -0.70 0.00	34.11 -0.59 0.00
MAPLE_RIDGE_WT_2 323611	3.24 -1.25 26.62	7.12 -1.01 18.34	0.71 -0.96 23.61	0.00 -0.93 23.64	0.00 -0.91 24.33	-0.87 -0.99 28.27	0.00 -1.26 35.73	39.69 -1.52 0.00	2.27 -1.28 35.39	0.00 -1.25 36.64	0.00 -1.11 33.65	-2.52 -1.05 35.24	-8.71 -1.03 41.04	-8.47 -1.02 40.41	-9.63 -1.08 43.51	-8.07 -1.04 41.76	-4.40 -1.12 40.49	41.63 -1.33 0.02	49.94 -1.49 0.00	54.38 -1.51 0.00	55.05 -1.47 0.00	44.33 -1.00 0.00	38.32 -0.70 0.00	34.11 -0.59 0.00
MARBLE_RIVER_WT_PWR 323696	13.80 -1.28 16.02	14.42 -1.01 11.03	10.09 -0.99 14.21	9.29 -1.06 14.23	9.33 -1.26 14.64	9.82 -1.56 17.01	13.42 -2.07 21.50	0.40 -2.35 38.46	15.75 -1.71 21.48	14.02 -1.63 22.24	12.71 -1.63 20.43	10.72 -1.65 21.39	6.75 -1.70 24.91	6.68 -1.75 24.53	6.57 -1.99 26.41	7.37 -2.02 25.35	10.47 -2.16 24.58	40.65 -2.32 0.01	48.70 -2.73 0.00	53.26 -2.63 0.00	54.03 -2.49 0.00	43.79 -1.54 0.00	38.05 -0.97 0.00	33.76 -0.94 0.00
MARSHVLE_115KV_TB1 80742	34.00 2.89 0.00	28.79 2.33 0.00	27.56 2.28 0.00	26.76 2.19 0.00	27.58 2.35 0.00	31.09 2.70 0.00	40.62 3.63 0.00	45.17 3.96 0.00	42.33 3.39 0.00	40.81 2.92 0.00	37.27 2.50 0.00	35.96 2.19 0.00	35.46 2.10 0.00	35.01 2.04 0.00	37.21 2.24 0.00	36.99 2.26 0.00	40.00 2.79 0.00	50.44 3.61 -3.85	57.14 5.25 -0.46	61.98 6.09 0.00	62.85 6.33 0.00	50.59 5.26 0.00	43.24 4.21 0.00	38.20 3.50 0.00
MARSH_HILL_WT_PWR 323713	30.70 -0.41 0.00	25.04 -1.43 0.00	23.82 -1.47 0.00	23.25 -1.33 0.00	24.10 -1.14 0.00	27.31 -1.08 0.00	35.25 -1.74 0.00	39.64 -1.57 0.00	38.25 -2.38 -1.69	35.80 -2.80 -0.71	32.16 -2.61 0.00	31.20 -2.57 0.00	30.86 -2.50 0.00	30.42 -2.54 0.00	32.42 -2.55 0.00	32.40 -2.33 0.00	35.09 -2.12 0.00	43.36 -2.54 -2.91	49.81 -2.26 -0.64	55.25 -1.39 -0.75	55.82 -1.47 -0.78	44.61 -1.04 -0.32	38.46 -0.63 -0.06	34.53 -0.17 0.00
MCINTYRE_115KV_TB2 80467	16.70 -0.87 13.53	16.46 -0.69 9.32	12.70 -0.58 12.00	11.99 -0.57 12.02	12.24 -0.63 12.37	13.28 -0.74 14.37	17.94 -0.89 18.16	44.91 -1.20 -4.89	19.93 -1.05 17.96	17.93 -1.36 18.60	16.29 -1.39 17.08	14.53 -1.35 17.89	11.13 -1.40 20.83	11.07 -1.38 20.51	11.45 -1.43 22.09	12.15 -1.39 21.20	15.17 -1.49 20.55	41.75 -1.42 -0.19	50.27 -1.65 -0.49	54.68 -1.84 -0.64	55.37 -1.81 -0.66	44.92 -0.68 -0.27	38.80 -0.27 -0.06	34.18 -0.52 0.00
MECO_____69_KV_BK1 80468	34.03 2.92 0.00	28.85 2.38 0.00	27.61 2.33 0.00	26.81 2.24 0.00	27.66 2.42 0.00	31.17 2.78 0.00	40.69 3.70 0.00	45.37 4.16 0.00	42.53 3.58 0.00	41.00 3.11 0.00	37.41 2.64 0.00	36.10 2.33 0.00	35.63 2.27 0.00	35.20 2.24 0.00	37.45 2.48 0.00	37.37 2.64 0.00	40.41 3.20 0.00	50.76 4.08 -3.69	57.69 5.81 -0.44	62.42 6.54 0.00	63.30 6.78 0.00	50.77 5.44 0.00	43.32 4.29 0.00	38.27 3.57 0.00
MENANDS___115KV_TB5 355628	32.00 0.90 0.00	27.39 0.93 0.00	26.19 0.91 0.00	25.44 0.86 0.00	26.12 0.88 0.00	29.38 0.99 0.00	38.29 1.29 0.00	42.69 1.48 0.00	40.42 1.48 0.00	39.33 1.44 0.00	36.12 1.36 0.00	35.08 1.32 0.00	34.66 1.30 0.00	34.25 1.29 0.00	36.37 1.40 0.00	36.19 1.46 0.00	38.70 1.49 0.00	47.99 1.76 -3.25	54.03 2.21 -0.39	58.07 2.18 0.00	58.78 2.26 0.00	47.01 1.68 0.00	40.27 1.25 0.00	35.67 0.97 0.00
MG INDUSTRY___DRP 24185	31.97 0.87 0.00	27.34 0.87 0.00	26.14 0.86 0.00	25.41 0.84 0.00	26.09 0.86 0.00	29.30 0.91 0.00	38.18 1.18 0.00	42.53 1.32 0.00	40.19 1.25 0.00	39.07 1.17 0.00	35.81 1.04 0.00	34.75 0.98 0.00	34.33 0.97 0.00	33.92 0.96 0.00	36.02 1.05 0.00	35.91 1.18 0.00	38.44 1.23 0.00	47.63 1.46 -3.19	53.72 1.90 -0.38	57.84 1.96 0.00	58.61 2.09 0.00	46.87 1.54 0.00	40.23 1.21 0.00	35.67 0.97 0.00

MID___OSWEGATCHIE_HYD 23849	21.11 -1.56 8.43	19.36 -1.30 5.81	16.64 -1.16 7.48	15.96 -1.13 7.49	16.34 -1.19 7.71	18.13 -1.31 8.96	24.08 -1.59 11.32	43.61 -1.81 -4.21	26.15 -1.60 11.20	24.44 -1.86 11.59	22.31 -1.81 10.65	20.79 -1.82 11.15	18.54 -1.83 12.99	18.36 -1.81 12.79	19.28 -1.92 13.77	19.64 -1.88 13.22	22.39 -2.01 12.81	41.42 -2.06 -0.50	50.43 -2.06 -1.05	54.97 -2.29 -1.37	55.62 -2.32 -1.42	44.51 -1.41 -0.58	38.09 -1.05 -0.12	33.52 -1.18 0.00
MID___RAQUETTE_HYD 23851	16.56 -1.74 12.80	16.25 -1.40 8.81	12.64 -1.29 11.35	11.96 -1.25 11.37	12.18 -1.36 11.70	13.21 -1.59 13.59	17.85 -1.96 17.18	45.05 -2.35 -6.19	19.96 -1.99 17.00	18.17 -2.12 17.60	16.59 -2.02 16.16	14.85 -1.99 16.93	11.65 -2.00 19.71	11.57 -1.98 19.41	11.94 -2.13 20.90	12.59 -2.08 20.06	15.45 -2.31 19.45	40.76 -2.49 -0.27	48.97 -3.03 -0.57	53.22 -3.41 -0.75	53.95 -3.33 -0.77	43.70 -1.95 -0.32	37.72 -1.37 -0.06	33.21 -1.49 0.00
MILLIKEN___1 23584	31.69 0.59 0.00	26.73 0.26 0.00	25.51 0.23 0.00	24.82 0.25 0.00	25.51 0.28 0.00	28.79 0.40 0.00	37.51 0.52 0.00	41.87 0.66 0.00	39.39 0.31 -0.14	38.25 0.30 -0.06	34.97 0.21 0.00	33.94 0.17 0.00	33.53 0.17 0.00	33.13 0.16 0.00	35.18 0.21 0.00	34.94 0.21 0.00	37.62 0.41 0.00	44.96 0.52 -1.46	54.04 0.72 -1.89	59.35 1.06 -2.40	59.95 0.96 -2.48	47.07 0.73 -1.02	39.89 0.66 -0.21	35.36 0.66 0.00
MILLIKEN___2 23585	31.69 0.59 0.00	26.73 0.26 0.00	25.51 0.23 0.00	24.82 0.25 0.00	25.51 0.28 0.00	28.79 0.40 0.00	37.51 0.52 0.00	41.87 0.66 0.00	39.39 0.31 -0.14	38.25 0.30 -0.06	34.97 0.21 0.00	33.94 0.17 0.00	33.53 0.17 0.00	33.13 0.16 0.00	35.18 0.21 0.00	34.94 0.21 0.00	37.62 0.41 0.00	44.96 0.52 -1.46	54.04 0.72 -1.89	59.35 1.06 -2.40	59.95 0.96 -2.48	47.07 0.73 -1.02	39.89 0.66 -0.21	35.36 0.66 0.00
MILLIKEN___DIESEL 23629	31.69 0.59 0.00	26.73 0.26 0.00	25.51 0.23 0.00	24.82 0.25 0.00	25.51 0.28 0.00	28.79 0.40 0.00	37.51 0.52 0.00	41.87 0.66 0.00	39.39 0.31 -0.14	38.25 0.30 -0.06	34.97 0.21 0.00	33.94 0.17 0.00	33.53 0.17 0.00	33.13 0.16 0.00	35.18 0.21 0.00	34.94 0.21 0.00	37.62 0.41 0.00	44.96 0.52 -1.46	54.04 0.72 -1.89	59.35 1.06 -2.40	59.95 0.96 -2.48	47.07 0.73 -1.02	39.89 0.66 -0.21	35.36 0.66 0.00
MILLSEAT___LFGE 323607	32.10 1.00 0.00	25.46 -1.01 0.00	24.12 -1.16 0.00	23.55 -1.03 0.00	24.50 -0.73 0.00	27.60 -0.79 0.00	35.11 -1.89 0.00	39.60 -1.61 0.00	36.23 -2.30 0.41	34.76 -2.96 0.17	31.95 -2.81 0.00	31.06 -2.70 0.00	30.73 -2.64 0.00	30.19 -2.77 0.00	32.14 -2.83 0.00	31.95 -2.78 0.00	34.53 -2.68 0.00	39.61 -3.35 0.02	47.83 -3.65 -0.05	52.81 -3.07 0.00	52.90 -3.62 0.00	42.56 -2.77 0.00	37.07 -1.95 0.00	33.69 -1.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.78 1.68 0.00	28.13 1.67 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.78 1.54 0.00	30.07 1.68 0.00	39.28 2.29 0.00	43.85 2.64 0.00	41.71 2.77 0.00	40.66 2.77 0.00	37.41 2.64 0.00	36.47 2.70 0.00	36.03 2.67 0.00	35.67 2.70 0.00	37.80 2.83 0.00	37.65 2.92 0.00	40.37 3.16 0.00	49.27 3.65 -2.63	55.91 4.17 -0.32	60.30 4.42 0.00	61.04 4.52 0.00	48.50 3.17 0.00	41.56 2.54 0.00	36.75 2.05 0.00
MILLWOOD_13_KV_LOAD 356217	32.84 1.74 0.00	28.16 1.69 0.00	26.85 1.57 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.89 2.68 0.00	41.79 2.84 0.00	40.73 2.84 0.00	37.51 2.75 0.00	36.54 2.77 0.00	36.13 2.77 0.00	35.73 2.77 0.00	37.87 2.90 0.00	37.75 3.02 0.00	40.48 3.27 0.00	49.44 3.83 -2.63	56.12 4.37 -0.32	60.47 4.58 0.00	61.26 4.75 0.00	48.64 3.31 0.00	41.64 2.61 0.00	36.85 2.15 0.00
MODEL_CITY_ENERGY 24167	31.07 -0.03 0.00	24.77 -1.69 0.00	23.46 -1.82 0.00	22.90 -1.67 0.00	23.82 -1.41 0.00	26.80 -1.59 0.00	34.03 -2.96 0.00	38.37 -2.84 0.00	35.03 -3.43 0.49	33.56 -4.13 0.21	30.94 -3.82 0.00	30.05 -3.71 0.00	29.76 -3.60 0.00	29.24 -3.72 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.38 -4.51 0.09	46.34 -5.14 -0.05	51.19 -4.69 0.00	51.32 -5.20 0.00	41.16 -4.17 0.00	35.98 -3.04 0.00	32.79 -1.91 0.00
MODERN_LFGE___ 323580	31.07 -0.03 0.00	24.77 -1.69 0.00	23.46 -1.82 0.00	22.90 -1.67 0.00	23.82 -1.41 0.00	26.80 -1.59 0.00	34.03 -2.96 0.00	38.37 -2.84 0.00	35.03 -3.43 0.49	33.56 -4.13 0.21	30.94 -3.82 0.00	30.05 -3.71 0.00	29.76 -3.60 0.00	29.24 -3.72 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.38 -4.51 0.09	46.34 -5.14 -0.05	51.19 -4.69 0.00	51.32 -5.20 0.00	41.16 -4.17 0.00	35.98 -3.04 0.00	32.79 -1.91 0.00
MOHAWK_PAPER___DRP 24187	32.13 1.03 0.00	27.50 1.03 0.00	26.29 1.01 0.00	25.54 0.96 0.00	26.22 0.98 0.00	29.50 1.11 0.00	38.43 1.44 0.00	42.90 1.69 0.00	40.58 1.64 0.00	39.48 1.59 0.00	36.26 1.49 0.00	35.18 1.42 0.00	34.76 1.40 0.00	34.35 1.38 0.00	36.47 1.50 0.00	36.33 1.60 0.00	38.85 1.64 0.00	48.21 1.98 -3.25	54.29 2.47 -0.39	58.40 2.51 0.00	59.12 2.60 0.00	47.28 1.95 0.00	40.47 1.44 0.00	35.84 1.15 0.00
MOHICAN___35_KV_115KV_LD 80490	32.97 1.87 0.00	28.13 1.67 0.00	26.93 1.64 0.00	26.15 1.57 0.00	26.90 1.67 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.26 3.05 0.00	41.83 2.88 0.00	40.62 2.73 0.00	37.06 2.29 0.00	35.83 2.06 0.00	35.36 2.00 0.00	34.94 1.98 0.00	37.10 2.13 0.00	37.02 2.29 0.00	39.74 2.53 0.00	49.36 3.05 -3.33	55.89 4.06 -0.40	60.19 4.30 0.00	61.21 4.69 0.00	48.87 3.54 0.00	41.79 2.77 0.00	36.92 2.22 0.00
MONGAUP___HYD 23641	32.50 1.40 0.00	27.84 1.38 0.00	26.55 1.26 0.00	25.81 1.23 0.00	26.52 1.29 0.00	29.87 1.48 0.00	38.99 2.00 0.00	43.48 2.27 0.00	41.12 2.18 0.00	39.97 2.08 0.00	36.64 1.88 0.00	35.62 1.86 0.00	35.23 1.87 0.00	34.84 1.88 0.00	36.89 1.92 0.00	36.78 2.05 0.00	39.55 2.35 0.00	48.24 2.84 -2.42	54.86 3.14 -0.29	59.30 3.41 0.00	60.19 3.67 0.00	48.14 2.81 0.00	41.36 2.34 0.00	36.64 1.94 0.00
MONTAUK___DIESEL 23721	34.99 3.89 0.00	29.88 3.41 0.00	28.32 3.03 0.00	27.48 2.90 0.00	28.26 3.03 0.00	31.85 3.46 0.00	42.28 5.22 -0.07	46.90 5.69 0.00	47.43 5.76 -2.72	43.65 5.68 -0.07	40.08 5.18 -0.14	38.93 5.06 -0.10	38.21 4.74 -0.11	38.03 4.81 -0.25	40.24 5.04 -0.23	40.70 5.28 -0.69	43.94 5.80 -0.93	54.26 6.92 -4.36	65.28 8.38 -5.46	98.76 9.05 -33.82	106.01 9.16 -40.33	56.05 6.94 -3.79	52.13 5.66 -7.45	39.52 4.82 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.35 1.24 0.00	25.67 -0.79 0.00	24.30 -0.99 0.00	23.77 -0.81 0.00	24.63 -0.61 0.00	27.88 -0.51 0.00	35.55 -1.44 0.00	40.30 -0.91 0.00	36.30 -2.22 0.43	35.40 -2.31 0.18	32.71 -2.05 0.00	31.61 -2.16 0.00	31.29 -2.07 0.00	30.89 -2.08 0.00	33.01 -1.96 0.00	32.82 -1.91 0.00	35.42 -1.79 0.00	40.39 -2.58 0.01	48.56 -2.93 -0.06	54.15 -1.73 0.00	54.43 -2.09 0.00	43.61 -1.72 0.00	38.13 -0.90 0.00	34.46 -0.24 0.00

MORRIS_RIDGE___SOLAR 323848	30.95 -0.15 0.00	25.17 -1.30 0.00	23.89 -1.39 0.00	23.32 -1.25 0.00	24.18 -1.06 0.00	27.34 -1.05 0.00	35.14 -1.85 0.00	39.52 -1.69 0.00	33.90 -2.49 2.55	33.90 -2.92 1.07	32.12 -2.64 0.00	31.20 -2.57 0.00	30.83 -2.54 0.00	30.36 -2.60 0.00	32.31 -2.66 0.00	32.30 -2.43 0.00	34.90 -2.31 0.00	37.63 -3.01 2.34	48.96 -2.93 -0.46	54.40 -2.01 -0.52	54.79 -2.26 -0.53	43.78 -1.77 -0.22	37.86 -1.21 -0.04	34.11 -0.59 0.00
MORTIMER_115KV_TB3 55949	32.07 0.96 0.00	25.86 -0.61 0.00	24.52 -0.76 0.00	23.91 -0.66 0.00	24.73 -0.50 0.00	27.94 -0.45 0.00	35.55 -1.44 0.00	39.97 -1.24 0.00	36.46 -2.34 0.14	35.78 -2.05 0.06	32.78 -1.98 0.00	31.81 -1.96 0.00	31.43 -1.94 0.00	31.08 -1.88 0.00	33.01 -1.96 0.00	32.82 -1.91 0.00	35.53 -1.67 0.00	41.21 -2.11 -0.34	49.05 -2.42 -0.04	53.82 -2.07 0.00	54.03 -2.49 0.00	43.47 -1.86 0.00	37.66 -1.37 0.00	33.97 -0.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.00 1.90 0.00	28.29 1.83 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.24 1.85 0.00	39.54 2.55 0.00	44.14 2.93 0.00	42.06 3.12 0.00	41.04 3.14 0.00	37.75 2.99 0.00	36.84 3.07 0.00	36.43 3.07 0.00	36.06 3.10 0.00	38.19 3.22 0.00	38.08 3.33 -0.02	40.92 3.61 -0.10	49.76 4.13 -2.65	56.43 4.68 -0.32	60.86 4.97 0.00	61.55 5.03 0.00	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00
MUNSVILLE_WIND_PWR 323609	33.59 2.49 0.00	28.29 1.82 0.00	27.10 1.82 0.00	26.44 1.87 0.00	27.33 2.09 0.00	31.09 2.70 0.00	40.80 3.81 0.00	45.66 4.45 0.00	42.96 4.01 0.00	40.77 2.88 0.00	37.20 2.43 0.00	35.83 2.06 0.00	35.26 1.90 0.00	34.74 1.78 0.00	37.03 2.06 0.00	36.36 1.63 0.00	39.40 2.19 0.00	47.44 2.96 -1.50	56.58 3.96 -1.18	61.77 4.47 -1.41	62.38 4.41 -1.45	49.42 3.49 -0.60	42.11 2.96 -0.12	37.23 2.53 0.00
N SALMON___HYD 24042	14.85 -1.28 14.98	15.14 -1.01 10.32	11.04 -0.96 13.28	10.29 -0.98 13.30	10.36 -1.19 13.69	11.04 -1.45 15.90	15.04 -1.85 20.10	66.03 -2.14 -26.96	17.35 -1.56 20.03	15.60 -1.56 20.74	14.12 -1.60 19.04	12.24 -1.59 19.94	8.53 -1.60 23.23	8.44 -1.65 22.87	8.52 -1.82 24.63	9.29 -1.81 23.64	12.24 -2.05 22.92	40.83 -2.15 0.01	48.91 -2.52 0.00	53.43 -2.46 0.00	54.09 -2.43 0.00	43.97 -1.36 0.00	38.28 -0.74 0.00	33.83 -0.87 0.00
N.AKRON__115KV_KNAPP 355671	32.04 0.93 0.00	25.43 -1.03 0.00	24.09 -1.19 0.00	23.52 -1.06 0.00	24.35 -0.88 0.00	27.54 -0.85 0.00	34.88 -2.11 0.00	39.31 -1.90 0.00	35.63 -2.88 0.43	34.68 -3.03 0.18	31.88 -2.89 0.00	30.86 -2.90 0.00	30.49 -2.87 0.00	30.13 -2.83 0.00	32.07 -2.90 0.00	31.92 -2.81 0.00	34.49 -2.72 0.00	39.60 -3.35 0.03	47.57 -3.91 -0.05	52.76 -3.13 0.00	52.84 -3.67 0.00	42.47 -2.86 0.00	37.07 -1.95 0.00	33.66 -1.04 0.00
N.E_GEN_SANDY PD 24062	32.21 1.49 0.38	28.50 1.51 -0.53	27.56 1.41 -0.86	27.00 1.38 -1.05	28.00 1.41 -1.35	34.10 1.56 -4.15	39.10 2.07 -0.04	44.00 2.35 -0.44	40.76 2.26 0.44	40.16 2.27 0.00	36.92 2.16 0.00	35.86 2.09 0.00	35.40 2.04 0.00	34.94 1.98 0.00	37.03 2.06 0.00	36.85 2.12 0.00	39.44 2.23 0.00	48.60 2.62 -3.00	54.98 3.19 -0.36	59.07 3.18 0.00	59.79 3.28 0.00	47.78 2.45 0.00	40.93 1.91 0.00	36.12 1.42 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.75 1.65 0.00	28.08 1.61 0.00	26.75 1.47 0.00	26.00 1.43 0.00	26.73 1.49 0.00	30.04 1.65 0.00	39.25 2.26 0.00	43.77 2.56 0.00	41.63 2.69 0.00	40.58 2.69 0.00	37.30 2.54 0.00	36.37 2.60 0.00	35.96 2.60 0.00	35.57 2.60 0.00	37.66 2.69 0.00	37.54 2.81 0.00	40.26 3.05 0.00	49.07 3.52 -2.56	55.80 4.06 -0.31	60.19 4.30 0.00	60.92 4.41 0.00	48.46 3.13 0.00	41.52 2.50 0.00	36.71 2.01 0.00
N.QUEENS_27_KV_LOAD 356247	32.81 1.71 0.00	28.37 1.91 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.09 1.70 0.00	39.40 2.40 0.00	44.01 2.80 0.00	41.98 3.04 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.84 3.07 0.00	36.47 3.10 0.00	36.12 3.16 0.01	38.28 3.32 0.01	38.21 3.47 -0.01	41.05 3.76 -0.08	49.88 4.26 -2.64	56.48 4.73 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.73 3.40 0.00	41.83 2.81 0.00	36.99 2.29 0.00
N.TROY___115KV_TB1 355778	32.53 1.43 0.00	27.82 1.35 0.00	26.60 1.31 0.00	25.83 1.25 0.00	26.55 1.31 0.00	29.87 1.48 0.00	39.03 2.03 0.00	43.56 2.35 0.00	41.16 2.22 0.00	39.97 2.08 0.00	36.68 1.91 0.00	35.59 1.82 0.00	35.13 1.77 0.00	34.68 1.71 0.00	36.79 1.82 0.00	36.64 1.91 0.00	39.18 1.97 0.00	48.50 2.24 -3.28	54.65 2.83 -0.39	58.79 2.91 0.00	59.57 3.05 0.00	47.64 2.31 0.00	40.78 1.76 0.00	36.02 1.32 0.00
NARROWS_GT1_1 24228	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT1_2 24229	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT1_3 24230	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT1_4 24231	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT1_5 24232	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02

NARROWS_GT1_6 24233	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT1_7 24234	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT1_8 24235	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	63.60 5.30 -6.87	66.22 5.59 -4.75	66.67 5.60 -4.56	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_1 24236	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_2 24237	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_3 24238	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_4 24239	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_5 24240	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_6 24241	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_7 24242	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NARROWS_GT2_8 24243	33.23 2.12 -0.01	28.53 2.07 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.77 2.78 0.00	44.38 3.17 0.00	42.26 3.31 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.10 3.31 -0.02	36.75 3.34 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.07 4.64 -41.44	77.85 5.30 -21.12	77.63 5.59 -16.16	77.63 5.60 -15.52	49.14 3.81 0.00	42.20 3.12 -0.06	37.32 2.60 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.25 1.15 0.00	27.58 1.11 0.00	26.40 1.11 0.00	25.63 1.06 0.00	26.35 1.11 0.00	29.67 1.28 0.00	38.69 1.70 0.00	43.11 1.90 0.00	40.70 1.75 0.00	39.37 1.48 0.00	35.95 1.18 0.00	34.85 1.08 0.00	34.43 1.07 0.00	34.02 1.05 0.00	36.12 1.15 0.00	36.05 1.32 0.00	38.70 1.49 0.00	47.57 1.50 -3.09	54.43 2.62 -0.37	58.74 2.85 0.00	59.57 3.05 0.00	47.60 2.27 0.00	40.82 1.80 0.00	36.19 1.49 0.00
NCHELSEA_115KV_TR2 355582	32.78 1.68 0.00	28.11 1.64 0.00	26.80 1.52 0.00	26.05 1.47 0.00	26.78 1.54 0.00	30.09 1.70 0.00	39.32 2.33 0.00	43.89 2.68 0.00	41.75 2.80 0.00	40.62 2.73 0.00	37.27 2.50 0.00	36.26 2.50 0.00	35.86 2.50 0.00	35.43 2.47 0.00	37.56 2.59 0.00	37.44 2.71 0.00	40.18 2.98 0.00	49.16 3.52 -2.65	55.81 4.06 -0.32	60.25 4.36 0.00	61.04 4.52 0.00	48.55 3.22 0.00	41.60 2.58 0.00	36.82 2.12 0.00
NEG CAPITAL___MECHNVIL 23645	32.84 1.74 0.00	28.03 1.56 0.00	26.80 1.52 0.00	26.03 1.45 0.00	26.78 1.54 0.00	30.12 1.73 0.00	39.32 2.33 0.00	43.93 2.72 0.00	41.47 2.53 0.00	40.35 2.46 0.00	36.96 2.19 0.00	35.79 2.03 0.00	35.33 1.97 0.00	34.91 1.94 0.00	37.07 2.10 0.00	36.96 2.22 0.00	39.59 2.38 0.00	49.08 2.79 -3.30	55.48 3.65 -0.40	59.69 3.80 0.00	60.47 3.95 0.00	48.37 3.04 0.00	41.40 2.38 0.00	36.57 1.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.57 0.47 0.00	25.57 -0.90 0.00	24.27 -1.01 0.00	23.67 -0.91 0.00	24.50 -0.73 0.00	27.63 -0.77 0.00	35.40 -1.59 0.00	39.81 -1.40 0.00	37.01 -1.83 0.10	35.69 -2.16 0.04	32.68 -2.08 0.00	31.77 -1.99 0.00	31.43 -1.94 0.00	30.95 -2.01 0.00	32.87 -2.10 0.00	32.68 -2.05 0.00	35.35 -1.86 0.00	40.98 -2.32 -0.32	48.79 -2.68 -0.04	53.43 -2.46 0.00	53.64 -2.88 0.00	43.15 -2.17 0.00	37.31 -1.72 0.00	33.59 -1.11 0.00

NEG CENTRAL___DRP 24199	31.54 0.44 0.00	26.28 -0.19 0.00	25.03 -0.25 0.00	24.38 -0.20 0.00	25.11 -0.13 0.00	28.36 -0.03 0.00	36.81 -0.18 0.00	41.13 -0.08 0.00	38.46 -0.62 -0.14	37.42 -0.53 -0.06	34.17 -0.59 0.00	33.12 -0.64 0.00	32.76 -0.60 0.00	31.44 -0.63 0.90	33.61 -0.63 0.73	32.37 -0.59 1.78	36.19 -0.41 0.61	43.74 -0.56 -1.32	52.72 -0.62 -1.91	58.07 -0.28 -2.46	58.60 -0.45 -2.54	45.97 -0.41 -1.04	39.07 -0.16 -0.21	34.73 0.03 0.00
NEG CENTRAL___INDECK 23768	32.69 1.59 0.00	26.28 -0.18 0.00	24.93 -0.35 0.00	24.31 -0.27 0.00	25.24 0.00 0.00	28.53 0.14 0.00	36.62 -0.37 0.00	41.17 -0.04 0.00	39.64 -1.01 -1.71	37.02 -1.59 -0.72	33.10 -1.67 0.00	32.15 -1.62 0.00	31.76 -1.60 0.00	31.25 -1.72 0.00	33.22 -1.75 0.00	33.20 -1.53 0.00	36.05 -1.15 0.00	44.16 -1.46 -2.64	50.36 -1.13 -0.06	55.66 -0.22 0.00	55.95 -0.57 0.00	45.10 -0.23 0.00	38.98 -0.04 0.00	35.12 0.42 0.00
NEG CENTRAL___SENECA 23627	31.88 0.78 0.00	26.28 -0.19 0.00	25.00 -0.28 0.00	24.36 -0.22 0.00	25.14 -0.10 0.00	28.45 0.06 0.00	36.73 -0.26 0.00	41.21 0.00 0.00	38.30 -0.86 -0.22	37.26 -0.72 -0.09	33.97 -0.80 0.00	32.92 -0.84 0.00	32.53 -0.83 0.00	32.14 -0.82 0.00	34.17 -0.80 0.00	34.00 -0.73 0.00	36.76 -0.45 0.00	43.49 -0.60 -1.11	51.73 -0.72 -1.02	56.95 -0.22 -1.28	57.39 -0.45 -1.32	45.51 -0.36 -0.54	39.09 -0.04 -0.11	34.91 0.21 0.00
NEG CENTRAL___STATE_STREET 24147	31.29 0.19 0.00	26.33 -0.13 0.00	25.13 -0.15 0.00	24.45 -0.12 0.00	25.14 -0.10 0.00	28.36 -0.03 0.00	36.99 0.00 0.00	41.29 0.08 0.00	38.71 -0.23 0.00	37.66 -0.23 0.00	34.52 -0.24 0.00	33.50 -0.27 0.00	33.13 -0.23 0.00	32.70 -0.26 0.00	34.73 -0.24 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.09 -0.26 -1.37	53.76 -0.21 -2.54	59.18 0.00 -3.29	59.80 -0.11 -3.39	46.59 -0.14 -1.40	39.23 -0.08 -0.28	34.77 0.07 0.00
NEG MILLWOOD___DRP 24198	32.94 1.84 0.00	28.24 1.77 0.00	26.93 1.64 0.00	26.15 1.57 0.00	26.90 1.67 0.00	30.24 1.85 0.00	39.47 2.48 0.00	44.09 2.88 0.00	41.98 3.04 0.00	40.88 2.99 0.00	37.62 2.85 0.00	36.60 2.84 0.00	36.17 2.80 0.00	35.73 2.77 0.00	37.94 2.97 0.00	37.82 3.09 0.00	40.59 3.39 0.00	49.74 4.08 -2.68	56.43 4.68 -0.32	60.75 4.86 0.00	61.60 5.09 0.00	48.87 3.54 0.00	41.83 2.81 0.00	37.02 2.32 0.00
NEG NORTH_FLCN_SEA 23793	14.09 -1.03 15.98	14.66 -0.79 11.01	10.32 -0.78 14.18	9.52 -0.86 14.20	9.57 -1.06 14.61	10.08 -1.33 16.97	13.80 -1.74 21.45	0.38 -2.02 38.81	16.15 -1.36 21.43	14.30 -1.40 22.19	13.03 -1.36 20.38	11.04 -1.38 21.34	7.08 -1.43 24.85	7.01 -1.48 24.47	7.40 -1.22 26.35	8.19 -1.25 25.29	10.79 -1.90 24.52	40.95 -2.02 0.01	49.22 -2.21 0.00	53.59 0.00 0.00	54.43 0.00 0.00	44.20 -2.09 0.00	38.44 -1.13 0.00	34.07 -0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	14.05 -1.34 15.71	14.61 -1.03 10.82	10.36 -0.99 13.94	9.54 -1.08 13.96	9.59 -1.29 14.36	10.09 -1.62 16.69	13.79 -2.11 21.09	-2.61 -2.43 41.39	16.14 -1.75 21.06	14.35 -1.74 21.80	13.04 -1.70 20.02	11.08 -1.72 20.97	7.18 -1.77 24.42	7.11 -1.81 24.04	7.09 -1.99 25.89	7.91 -1.98 24.84	10.92 -2.20 24.09	40.61 -2.36 0.01	48.81 -2.62 0.00	53.09 -2.79 0.00	53.92 -2.60 0.00	43.74 -1.59 0.00	38.05 -0.98 0.00	33.76 -0.94 0.00
NEG NORTH___ALICE_FALLS 23915	14.13 -1.03 15.94	14.69 -0.79 10.98	10.36 -0.78 14.14	9.58 -0.84 14.16	9.63 -1.03 14.57	10.13 -1.33 16.93	13.86 -1.74 21.40	0.01 -1.98 39.22	16.25 -1.32 21.37	14.40 -1.36 22.13	13.09 -1.36 20.32	11.10 -1.38 21.28	7.15 -1.43 24.78	7.08 -1.48 24.40	7.40 -1.29 26.27	8.19 -1.32 25.22	10.90 -1.86 24.45	41.00 -1.98 0.01	49.32 -2.11 0.00	53.65 -2.29 0.00	54.48 -2.03 0.00	44.24 -1.09 0.00	38.52 -0.51 0.00	34.11 -0.59 0.00
NEG NORTH___LWR_SARANAC 23913	14.13 -1.03 15.94	14.69 -0.79 10.98	10.36 -0.78 14.14	9.58 -0.84 14.16	9.63 -1.03 14.57	10.13 -1.33 16.93	13.86 -1.74 21.40	0.01 -1.98 39.22	16.25 -1.32 21.37	14.40 -1.36 22.13	13.09 -1.36 20.32	11.10 -1.38 21.28	7.15 -1.43 24.78	7.08 -1.48 24.40	7.40 -1.29 26.27	8.19 -1.32 25.22	10.90 -1.86 24.45	41.00 -1.98 0.01	49.32 -2.11 0.00	53.65 -2.29 0.00	54.48 -2.03 0.00	44.24 -1.09 0.00	38.52 -0.51 0.00	34.11 -0.59 0.00
NEG NORTH___PLATTSBURG 23628	14.14 -1.03 15.94	14.69 -0.79 10.98	10.36 -0.78 14.14	9.58 -0.84 14.16	9.63 -1.04 14.57	10.13 -1.33 16.93	13.86 -1.74 21.40	0.01 -1.98 39.22	16.21 -1.36 21.37	14.44 -1.33 22.13	13.09 -1.36 20.32	11.10 -1.39 21.28	7.15 -1.43 24.78	7.08 -1.48 24.40	7.40 -1.29 26.27	8.19 -1.32 25.22	10.90 -1.86 24.45	41.00 -1.98 0.01	49.22 -2.21 0.00	53.82 -2.07 0.00	54.54 -1.98 0.00	44.24 -1.09 0.00	38.51 -0.51 0.00	34.11 -0.59 0.00
NEG WEST_LEA_LOCKPORT 23791	31.38 0.28 0.00	25.01 -1.46 0.00	23.69 -1.59 0.00	23.13 -1.45 0.00	23.95 -1.29 0.00	27.06 -1.33 0.00	34.22 -2.77 0.00	38.53 -2.68 0.00	34.82 -3.62 0.50	33.89 -3.79 0.21	31.25 -3.51 0.00	30.22 -3.55 0.00	29.89 -3.47 0.00	29.57 -3.40 0.00	31.47 -3.50 0.00	31.29 -3.44 0.00	33.82 -3.39 0.00	38.79 -4.08 0.11	46.65 -4.83 -0.05	51.75 -4.14 0.00	51.88 -4.63 0.00	41.61 -3.72 0.00	36.45 -2.58 0.00	33.14 -1.56 0.00
NEG WEST___LANCASTR 23811	31.13 0.03 0.00	24.96 -1.51 0.00	23.64 -1.64 0.00	23.10 -1.47 0.00	23.92 -1.31 0.00	27.03 -1.36 0.00	34.33 -2.66 0.00	38.70 -2.51 0.00	34.79 -3.66 0.50	34.01 -3.68 0.21	31.43 -3.34 0.00	30.39 -3.38 0.00	30.09 -3.27 0.00	29.70 -3.26 0.00	31.68 -3.29 0.00	31.47 -3.26 0.00	34.05 -3.16 0.00	38.84 -4.08 0.06	46.65 -4.83 -0.06	52.20 -3.69 0.00	52.39 -4.13 0.00	41.93 -3.40 0.00	36.60 -2.42 0.00	33.10 -1.60 0.00
NEG_PENN_ALLEGHNY 23528	31.69 0.59 0.00	26.65 0.19 0.00	25.41 0.13 0.00	24.75 0.17 0.00	25.46 0.23 0.00	28.73 0.34 0.00	37.32 0.33 0.00	41.74 0.53 0.00	39.14 0.20 0.00	38.00 0.11 0.00	34.83 0.07 0.00	33.80 0.03 0.00	33.40 0.03 0.00	33.00 0.03 0.00	35.04 0.07 0.00	34.87 0.14 0.00	37.47 0.26 0.00	44.52 0.22 -1.32	52.96 0.36 -1.17	57.90 0.62 -1.40	58.47 0.51 -1.44	46.28 0.36 -0.59	39.49 0.35 -0.12	35.15 0.45 0.00
NEG___GEN_MONROE 24207	32.28 1.18 0.00	25.94 -0.53 0.00	24.60 -0.68 0.00	23.99 -0.59 0.00	24.83 -0.40 0.00	28.05 -0.34 0.00	35.70 -1.29 0.00	40.10 -1.11 0.00	36.49 -2.30 0.16	35.78 -2.05 0.07	32.71 -2.05 0.00	31.67 -2.09 0.00	31.29 -2.07 0.00	30.85 -2.11 0.00	32.77 -2.20 0.00	32.54 -2.19 0.00	35.24 -1.97 0.00	40.78 -2.45 -0.25	48.70 -2.78 -0.04	53.48 -2.40 0.00	53.75 -2.77 0.00	43.24 -2.09 0.00	37.46 -1.56 0.00	33.83 -0.87 0.00
NEPA___ENERGY 23901	31.91 0.81 0.00	25.70 -0.77 0.00	24.32 -0.96 0.00	23.77 -0.81 0.00	24.63 -0.61 0.00	27.85 -0.54 0.00	35.40 -1.59 0.00	39.93 -1.28 0.00	35.91 -2.53 0.51	35.10 -2.58 0.21	32.44 -2.33 0.00	31.37 -2.40 0.00	31.09 -2.27 0.00	30.69 -2.27 0.00	32.73 -2.24 0.00	32.51 -2.22 0.00	35.24 -1.97 0.00	40.04 -2.84 0.11	48.25 -3.24 -0.06	53.59 -2.29 0.00	53.80 -2.71 0.00	43.11 -2.22 0.00	37.58 -1.44 0.00	33.97 -0.73 0.00

NEVERSINK___HYD 23608	32.87 1.77 0.00	28.16 1.70 0.00	26.88 1.59 0.00	26.13 1.55 0.00	26.85 1.62 0.00	30.26 1.87 0.00	39.51 2.52 0.00	44.05 2.84 0.00	41.87 2.92 0.00	40.66 2.76 0.00	37.20 2.43 0.00	36.16 2.40 0.00	35.66 2.30 0.00	35.20 2.24 0.00	37.24 2.27 0.00	37.16 2.43 0.00	39.92 2.71 0.00	48.60 3.27 -2.35	55.57 3.86 -0.28	60.02 4.14 0.00	60.87 4.35 0.00	48.45 3.13 0.00	41.60 2.57 0.00	36.85 2.15 0.00
NEWKRMKL_115KV_TB1 55635	31.82 0.72 0.00	27.23 0.77 0.00	26.04 0.76 0.00	25.29 0.71 0.00	25.97 0.73 0.00	29.21 0.82 0.00	38.06 1.07 0.00	42.45 1.24 0.00	40.19 1.25 0.00	39.10 1.21 0.00	35.91 1.15 0.00	34.88 1.11 0.00	34.46 1.10 0.00	34.08 1.12 0.00	36.16 1.19 0.00	36.02 1.29 0.00	38.51 1.30 0.00	47.74 1.50 -3.25	53.73 1.90 -0.39	57.73 1.84 0.00	58.44 1.92 0.00	46.73 1.41 0.00	40.04 1.01 0.00	35.50 0.80 0.00
NEWTON___FALLS_HYD 23847	21.11 -1.56 8.43	19.36 -1.30 5.81	16.64 -1.16 7.48	15.96 -1.13 7.49	16.34 -1.19 7.71	18.13 -1.31 8.96	24.08 -1.59 11.32	43.61 -1.81 -4.21	26.15 -1.60 11.20	24.44 -1.86 11.59	22.31 -1.81 10.65	20.79 -1.82 11.15	18.54 -1.83 12.99	18.36 -1.81 12.79	19.28 -1.92 13.77	19.64 -1.88 13.22	22.39 -2.01 12.81	41.42 -2.06 -0.50	50.43 -2.06 -1.05	54.97 -2.29 -1.37	55.62 -2.32 -1.42	44.51 -1.41 -0.58	38.09 -1.05 -0.12	33.52 -1.18 0.00
NGRID_A1_DSASP 323792	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.79 0.00	22.95 -1.62 0.00	23.85 -1.39 0.00	26.83 -1.56 0.00	34.03 -2.96 0.00	38.32 -2.89 0.00	35.05 -3.39 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	30.05 -3.71 0.00	29.79 -3.57 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.36 -4.51 0.10	46.29 -5.19 -0.05	51.14 -4.75 0.00	51.26 -5.25 0.00	41.07 -4.26 0.00	35.94 -3.08 0.00	32.79 -1.91 0.00
NGRID_A2_DSASP 323793	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.79 0.00	22.95 -1.62 0.00	23.85 -1.39 0.00	26.83 -1.56 0.00	34.03 -2.96 0.00	38.32 -2.89 0.00	35.05 -3.39 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	30.05 -3.71 0.00	29.79 -3.57 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.36 -4.51 0.10	46.29 -5.19 -0.05	51.14 -4.75 0.00	51.26 -5.25 0.00	41.07 -4.26 0.00	35.94 -3.08 0.00	32.79 -1.91 0.00
NGRID_A4_DSASP 323807	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.79 0.00	22.95 -1.62 0.00	23.85 -1.39 0.00	26.83 -1.56 0.00	34.03 -2.96 0.00	38.32 -2.89 0.00	35.05 -3.39 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	30.05 -3.71 0.00	29.79 -3.57 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.36 -4.51 0.10	46.29 -5.19 -0.05	51.14 -4.75 0.00	51.26 -5.25 0.00	41.07 -4.26 0.00	35.94 -3.08 0.00	32.79 -1.91 0.00
NIAGARA_115E_LBMP 323715	30.85 -0.25 0.00	24.64 -1.83 0.00	23.34 -1.95 0.00	22.81 -1.77 0.00	23.70 -1.54 0.00	26.66 -1.73 0.00	33.85 -3.14 0.00	38.12 -3.09 0.00	34.82 -3.62 0.50	33.36 -4.32 0.21	30.73 -4.03 0.00	29.88 -3.88 0.00	29.59 -3.77 0.00	29.07 -3.89 0.00	30.95 -4.02 0.00	30.81 -3.92 0.00	33.26 -3.94 0.00	38.15 -4.73 0.10	46.03 -5.45 -0.05	50.91 -4.97 0.00	50.98 -5.54 0.00	40.89 -4.44 0.00	35.78 -3.24 0.00	32.62 -2.08 0.00
NIAGARA_115W_LBMP 323714	30.92 -0.19 0.00	24.72 -1.75 0.00	23.44 -1.84 0.00	22.88 -1.70 0.00	23.77 -1.46 0.00	26.74 -1.65 0.00	33.92 -3.07 0.00	38.20 -3.01 0.00	34.94 -3.50 0.50	33.44 -4.24 0.21	30.84 -3.93 0.00	29.99 -3.78 0.00	29.69 -3.67 0.00	29.17 -3.79 0.00	31.05 -3.92 0.00	30.87 -3.86 0.00	33.38 -3.83 0.00	38.28 -4.60 0.10	46.13 -5.35 -0.05	50.97 -4.92 0.00	51.09 -5.43 0.00	40.93 -4.40 0.00	35.82 -3.20 0.00	32.69 -2.01 0.00
NIAGARA_230_LBMP 323716	31.13 0.03 0.00	24.96 -1.51 0.00	23.64 -1.64 0.00	23.10 -1.47 0.00	24.00 -1.24 0.00	27.00 -1.39 0.00	34.29 -2.70 0.00	38.57 -2.64 0.00	35.31 -3.15 0.48	33.82 -3.87 0.20	31.18 -3.58 0.00	30.29 -3.48 0.00	30.03 -3.34 0.00	29.50 -3.46 0.00	31.40 -3.57 0.00	31.22 -3.51 0.00	33.79 -3.42 0.00	38.73 -4.17 0.08	46.64 -4.84 -0.05	51.53 -4.36 0.00	51.66 -4.86 0.00	41.43 -3.90 0.00	36.21 -2.81 0.00	33.00 -1.70 0.00
NIAGARA___115KV_198_GIBSON 55903	30.92 -0.19 0.00	24.72 -1.75 0.00	23.44 -1.85 0.00	22.88 -1.70 0.00	23.67 -1.56 0.00	26.74 -1.65 0.00	33.74 -3.26 0.00	38.00 -3.21 0.00	33.93 -4.52 0.50	33.44 -4.24 0.21	30.84 -3.93 0.00	29.82 -3.95 0.00	29.53 -3.84 0.00	29.17 -3.79 0.00	31.05 -3.92 0.00	30.88 -3.86 0.00	33.38 -3.83 0.00	38.28 -4.60 0.10	45.98 -5.50 -0.05	50.97 -4.92 0.00	51.09 -5.43 0.00	40.93 -4.40 0.00	35.90 -3.12 0.00	32.69 -2.01 0.00
NIAGARA____ 23760	31.13 0.03 0.00	24.96 -1.51 0.00	23.64 -1.64 0.00	23.10 -1.47 0.00	24.00 -1.24 0.00	27.00 -1.39 0.00	34.29 -2.70 0.00	38.57 -2.64 0.00	35.31 -3.15 0.48	33.82 -3.87 0.21	31.18 -3.58 0.00	30.29 -3.48 0.00	30.03 -3.34 0.00	29.50 -3.46 0.00	31.40 -3.57 0.00	31.22 -3.51 0.00	33.79 -3.42 0.00	38.72 -4.17 0.09	46.64 -4.84 -0.05	51.53 -4.36 0.00	51.66 -4.86 0.00	41.43 -3.90 0.00	36.21 -2.81 0.00	33.00 -1.70 0.00
NINE_MILE_1 23575	30.26 -0.84 0.00	25.72 -0.74 0.00	24.58 -0.71 0.00	23.89 -0.69 0.00	24.53 -0.71 0.00	27.63 -0.77 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.36 -1.00 0.00	31.97 -0.99 0.00	33.92 -1.05 0.00	33.59 -1.15 0.00	35.94 -1.27 0.00	35.77 -1.51 5.71	35.16 -1.80 14.47	34.92 -1.84 19.13	34.82 -1.98 19.72	35.67 -1.54 8.12	36.05 -1.33 1.64	33.73 -0.97 0.00
NINE_MILE_2 23744	30.26 -0.84 0.00	25.72 -0.74 0.00	24.58 -0.71 0.00	23.89 -0.69 0.00	24.56 -0.68 0.00	27.63 -0.77 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.36 -1.00 0.00	31.97 -0.99 0.00	33.92 -1.05 0.00	33.59 -1.15 0.00	35.94 -1.27 0.00	35.68 -1.51 5.79	34.95 -1.80 14.68	34.63 -1.84 19.41	34.58 -1.92 20.01	35.55 -1.54 8.24	36.03 -1.33 1.67	33.73 -0.97 0.00
NM_CAPITAL___DRP 24208	31.91 0.81 0.00	27.34 0.87 0.00	26.14 0.86 0.00	25.39 0.81 0.00	26.07 0.83 0.00	29.30 0.91 0.00	38.21 1.22 0.00	42.61 1.40 0.00	40.35 1.40 0.00	39.22 1.33 0.00	36.05 1.29 0.00	35.02 1.25 0.00	34.60 1.23 0.00	34.18 1.22 0.00	36.26 1.29 0.00	36.12 1.39 0.00	38.62 1.41 0.00	47.85 1.63 -3.24	53.88 2.06 -0.39	57.95 2.07 0.00	58.66 2.15 0.00	46.92 1.59 0.00	40.15 1.13 0.00	35.60 0.90 0.00
NM_CENTRAL___DRP 24181	30.92 -0.19 0.00	26.25 -0.21 0.00	25.08 -0.20 0.00	24.38 -0.20 0.00	25.03 -0.20 0.00	28.22 -0.17 0.00	36.84 -0.15 0.00	41.05 -0.16 0.00	38.71 -0.23 0.00	37.70 -0.19 0.00	34.56 -0.21 0.00	33.53 -0.24 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.76 -0.21 0.00	34.45 -0.28 0.00	36.95 -0.26 0.00	43.67 -0.39 -1.08	52.98 -0.51 -2.06	58.12 -0.45 -2.68	58.71 -0.57 -2.76	46.01 -0.45 -1.14	38.90 -0.35 -0.23	34.56 -0.14 0.00

NM_FRONTIER___DRP 24179	30.92 -0.19 0.00	24.72 -1.75 0.00	23.44 -1.85 0.00	22.88 -1.70 0.00	23.67 -1.56 0.00	26.74 -1.65 0.00	33.74 -3.26 0.00	38.00 -3.21 0.00	33.93 -4.52 0.50	33.44 -4.24 0.21	30.84 -3.93 0.00	29.82 -3.95 0.00	29.53 -3.84 0.00	29.17 -3.79 0.00	31.05 -3.92 0.00	30.88 -3.86 0.00	33.38 -3.83 0.00	38.28 -4.60 0.10	45.98 -5.50 -0.05	50.97 -4.92 0.00	51.09 -5.43 0.00	40.93 -4.40 0.00	35.90 -3.12 0.00	32.69 -2.01 0.00
NM_ST_REGIS___HYD 24053	16.21 -1.65 13.25	16.02 -1.32 9.12	12.32 -1.21 11.75	11.61 -1.20 11.76	11.79 -1.34 12.11	12.76 -1.56 14.07	17.25 -1.96 17.78	49.37 -2.31 -10.47	19.45 -1.87 17.62	17.64 -2.01 18.25	16.06 -1.95 16.76	14.33 -1.89 17.55	11.03 -1.90 20.44	10.93 -1.91 20.12	11.24 -2.06 21.67	11.89 -2.05 20.79	14.78 -2.27 20.16	40.78 -2.41 -0.20	49.07 -2.88 -0.51	53.38 -3.19 -0.68	54.05 -3.16 -0.70	43.80 -1.81 -0.29	37.87 -1.21 -0.06	33.38 -1.32 0.00
NORTHPORT___1 23551	33.56 2.46 0.00	28.74 2.28 0.00	27.28 2.00 0.00	26.50 1.92 0.00	27.23 1.99 0.00	30.75 2.36 0.00	40.26 3.26 -0.01	44.18 2.97 0.00	42.69 3.70 -0.05	41.80 3.90 -0.01	38.39 3.51 -0.12	37.33 3.48 -0.09	36.82 3.37 -0.09	36.67 3.49 -0.21	38.70 3.53 -0.20	38.93 3.61 -0.58	41.75 3.76 -0.78	51.37 4.30 -4.09	57.49 4.83 -1.22	61.92 5.03 -1.01	62.74 5.14 -1.08	49.84 3.67 -0.84	43.07 3.12 -0.92	37.72 3.02 0.00
NORTHPORT___2 23552	33.56 2.46 0.00	28.74 2.28 0.00	27.28 2.00 0.00	26.50 1.92 0.00	27.23 1.99 0.00	30.75 2.36 0.00	40.26 3.26 -0.01	44.18 2.97 0.00	42.69 3.70 -0.05	41.80 3.90 -0.01	38.39 3.51 -0.12	37.33 3.48 -0.09	36.82 3.37 -0.09	36.67 3.49 -0.21	38.70 3.53 -0.20	38.93 3.61 -0.58	41.75 3.76 -0.78	51.37 4.30 -4.09	57.49 4.83 -1.22	61.92 5.03 -1.01	62.74 5.14 -1.08	49.84 3.67 -0.84	43.07 3.12 -0.92	37.72 3.02 0.00
NORTHPORT___3 23553	33.50 2.40 0.00	28.64 2.17 0.00	27.20 1.92 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.61 2.22 0.00	40.14 3.14 0.00	44.30 3.09 0.00	42.71 3.66 -0.11	41.68 3.79 0.00	38.35 3.48 -0.11	37.33 3.48 -0.08	36.89 3.44 -0.09	36.66 3.49 -0.20	38.80 3.64 -0.19	39.05 3.75 -0.56	41.98 4.02 -0.76	51.83 4.81 -4.04	58.53 5.81 -1.29	63.84 6.15 -1.81	64.78 6.22 -2.05	51.05 4.85 -0.87	43.97 3.90 -1.04	37.68 2.98 0.00
NORTHPORT___4 23650	33.50 2.40 0.00	28.64 2.17 0.00	27.20 1.92 0.00	26.40 1.82 0.00	27.13 1.89 0.00	30.61 2.22 0.00	40.14 3.14 0.00	44.30 3.09 0.00	42.71 3.66 -0.11	41.68 3.79 0.00	38.35 3.48 -0.11	37.33 3.48 -0.08	36.89 3.44 -0.09	36.66 3.49 -0.20	38.80 3.64 -0.19	39.05 3.75 -0.56	41.98 4.02 -0.76	51.83 4.81 -4.04	58.53 5.81 -1.29	63.84 6.15 -1.81	64.78 6.22 -2.05	51.05 4.85 -0.87	43.97 3.90 -1.04	37.68 2.98 0.00
NORTHPORT___IC 23718	33.56 2.46 0.00	28.74 2.28 0.00	27.28 2.00 0.00	26.49 1.92 0.00	27.23 1.99 0.00	30.75 2.36 0.00	40.43 3.44 0.00	44.80 3.59 0.00	42.69 3.70 -0.05	41.68 3.79 0.00	38.46 3.58 -0.12	37.46 3.61 -0.09	36.86 3.40 -0.09	36.60 3.43 -0.21	38.70 3.53 -0.20	38.93 3.61 -0.58	41.79 3.80 -0.78	51.45 4.38 -4.09	57.54 4.89 -1.22	62.09 5.20 -1.01	62.91 5.31 -1.08	50.06 3.90 -0.84	42.99 3.04 -0.92	37.72 3.02 0.00
NORTH___COUNTRY_ESR 323785	14.00 -1.40 15.71	14.56 -1.09 10.82	10.31 -1.04 13.93	9.50 -1.13 13.95	9.54 -1.34 14.35	10.03 -1.68 16.68	13.72 -2.18 21.08	-2.75 -2.52 41.44	16.07 -1.83 21.05	14.36 -1.74 21.79	13.05 -1.70 20.01	11.09 -1.72 20.96	7.19 -1.77 24.41	7.12 -1.81 24.03	7.10 -1.99 25.88	7.88 -2.02 24.83	10.90 -2.23 24.08	40.52 -2.45 0.01	48.60 -2.83 0.00	53.09 -2.79 0.00	53.86 -2.66 0.00	43.65 -1.68 0.00	37.97 -1.05 0.00	33.66 -1.04 0.00
NPX_GEN_1385_PROXY 323591	32.86 2.14 0.38	29.07 2.22 -0.38	27.23 1.95 0.00	26.50 1.92 0.00	27.18 1.94 0.00	30.89 2.50 0.00	40.33 3.33 -0.01	44.95 3.30 -0.44	42.37 3.82 0.40	41.77 3.87 -0.01	38.39 3.51 -0.12	37.09 3.24 -0.09	36.39 2.94 -0.09	36.47 3.30 -0.21	38.25 3.08 -0.20	38.44 3.13 -0.58	41.49 3.50 -0.78	50.94 3.87 -4.09	57.08 4.42 -1.22	61.42 4.52 -1.01	62.29 4.69 -1.08	49.75 3.58 -0.84	42.91 2.96 -0.92	37.33 2.64 0.00
NPX_GEN_CSC 323557	33.80 3.08 0.38	29.63 2.78 -0.38	27.71 2.43 0.00	26.91 2.34 0.00	27.66 2.42 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	45.44 3.79 -0.44	45.71 4.48 -2.29	42.52 4.54 -0.08	38.97 4.07 -0.14	37.81 3.95 -0.10	37.34 3.87 -0.11	37.20 3.99 -0.25	39.33 4.12 -0.23	39.72 4.31 -0.69	42.86 4.73 -0.93	52.88 5.55 -4.35	63.43 6.53 -5.47	96.69 6.93 -33.88	103.98 7.06 -40.40	54.42 5.30 -3.79	50.89 4.41 -7.46	38.52 3.82 0.00
NSINS_S_GLNS_FALLS 23858	33.00 1.90 0.00	28.13 1.67 0.00	26.95 1.67 0.00	26.15 1.57 0.00	26.93 1.69 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.26 3.05 0.00	41.87 2.92 0.00	40.66 2.77 0.00	37.06 2.29 0.00	35.86 2.09 0.00	35.40 2.04 0.00	34.97 2.01 0.00	37.14 2.17 0.00	37.06 2.33 0.00	39.74 2.53 0.00	49.41 3.09 -3.33	55.95 4.11 -0.40	60.25 4.11 0.00	61.21 4.36 0.00	48.91 3.58 0.00	41.83 2.81 0.00	36.95 2.26 0.00
NUCOR_STEEL___DRP 24197	31.38 0.28 0.00	26.44 -0.03 0.00	25.23 -0.05 0.00	24.55 -0.02 0.00	25.24 0.00 0.00	28.48 0.09 0.00	37.07 0.07 0.00	41.33 0.12 0.00	38.79 -0.16 0.00	37.78 -0.11 0.00	34.63 -0.14 0.00	33.60 -0.17 0.00	33.20 -0.17 0.00	32.80 -0.16 0.00	34.80 -0.17 0.00	34.52 -0.21 0.00	37.10 -0.11 0.00	44.23 -0.17 -1.42	53.99 -0.15 -2.71	59.47 0.06 -3.53	60.10 -0.06 -3.64	46.78 -0.05 -1.50	39.33 0.00 -0.30	34.87 0.17 0.00
NUMBER_THREE_WT_PWR 323818	27.21 -0.75 3.14	23.64 -0.66 2.17	21.94 -0.56 2.79	21.24 -0.54 2.79	21.83 -0.53 2.87	24.57 -0.48 3.34	32.22 -0.55 4.22	42.49 -0.58 -1.85	34.23 -0.55 4.17	32.74 -0.83 4.32	29.90 -0.90 3.97	28.63 -0.98 4.15	27.49 -1.03 4.84	27.21 -0.99 4.76	28.80 -1.05 5.13	28.84 -0.97 4.92	31.47 -0.97 4.77	42.78 -0.82 -0.61	52.65 -0.05 -1.27	57.50 -0.06 -1.67	58.12 -0.11 -1.72	46.08 0.05 -0.71	39.24 0.08 -0.14	34.60 -0.10 0.00
NYISO_LBMP_REFERENCE 24008	31.10 0.00 0.00	26.47 0.00 0.00	25.28 0.00 0.00	24.58 0.00 0.00	25.24 0.00 0.00	28.39 0.00 0.00	36.99 0.00 0.00	41.21 0.00 0.00	38.94 0.00 0.00	37.89 0.00 0.00	34.76 0.00 0.00	33.77 0.00 0.00	33.36 0.00 0.00	32.96 0.00 0.00	34.97 0.00 0.00	34.73 0.00 0.00	37.21 0.00 0.00	42.98 0.00 0.00	51.43 0.00 0.00	55.89 0.00 0.00	56.52 0.00 0.00	45.33 0.00 0.00	39.02 0.00 0.00	34.70 0.00 0.00
NYPA_BRENTWD____GT 24164	33.90 2.80 0.00	29.01 2.54 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	31.00 2.61 0.00	40.68 3.66 -0.02	44.71 3.50 0.00	43.74 4.17 -0.63	42.19 4.28 -0.02	38.82 3.89 -0.16	37.70 3.81 -0.12	37.23 3.74 -0.13	37.11 3.85 -0.30	39.20 3.95 -0.28	39.61 4.06 -0.81	42.62 4.31 -1.10	52.72 5.07 -4.66	59.68 5.81 -2.44	70.34 6.15 -8.30	72.56 6.27 -9.77	51.71 4.63 -1.76	45.54 3.86 -2.66	38.17 3.47 0.00

NYPA_GOWANUS____GT5 24156	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	63.60	66.22	66.67	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-6.87	-4.75	-4.56	0.00	-0.06	-0.02
NYPA_GOWANUS____GT6 24157	33.23	28.53	27.15	26.35	27.08	30.38	39.77	44.38	42.26	41.36	38.05	37.10	36.75	52.84	51.95	57.09	81.32	89.07	63.60	66.22	66.67	49.14	42.20	37.32
	2.12	2.07	1.87	1.77	1.84	1.99	2.78	3.17	3.31	3.45	3.27	3.31	3.34	3.43	3.60	3.72	4.02	4.64	5.30	5.59	5.60	3.81	3.12	2.60
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-6.87	-4.75	-4.56	0.00	-0.06	-0.02
NYPA_HARLEM__RVR__GT1 24160	32.78	28.37	26.98	26.17	26.88	30.06	39.32	43.88	41.78	40.92	37.68	36.76	36.39	36.05	38.22	38.15	40.97	49.79	55.99	60.38	60.96	48.63	41.79	36.99
	1.68	1.91	1.69	1.60	1.64	1.67	2.33	2.68	2.84	3.03	2.92	3.00	3.04	3.10	3.25	3.41	3.68	4.17	4.73	4.92	4.86	3.31	2.77	2.29
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	-0.08	-2.64	0.17	0.43	0.41	0.01	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	32.78	28.37	26.98	26.17	26.88	30.06	39.32	43.88	41.78	40.92	37.68	36.76	36.39	36.05	38.22	38.15	40.97	49.79	55.99	60.38	60.96	48.63	41.79	36.99
	1.68	1.91	1.69	1.60	1.64	1.67	2.33	2.68	2.84	3.03	2.92	3.00	3.04	3.10	3.25	3.41	3.68	4.17	4.73	4.92	4.86	3.31	2.77	2.29
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	-0.08	-2.64	0.17	0.43	0.41	0.01	0.00	0.00
NYPA_KENT____GT 24152	33.13	28.48	27.08	26.30	27.03	30.32	39.69	44.30	42.18	41.27	37.97	37.02	36.70	46.90	47.10	50.36	66.94	75.12	48.10	51.11	52.09	49.00	42.10	37.24
	2.02	2.01	1.80	1.72	1.79	1.93	2.70	3.09	3.23	3.37	3.20	3.24	3.30	3.36	3.53	3.65	3.94	4.55	5.14	5.42	5.37	3.67	3.05	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.03	-10.57	-8.60	-11.98	-25.79	-27.59	8.48	10.20	9.80	0.00	-0.03	-0.01
NYPA_POUCH1____GT 24155	33.25	28.56	27.15	26.37	27.08	30.38	39.77	44.34	42.22	41.25	37.95	36.96	36.62	52.71	51.81	56.95	81.17	88.93	62.71	65.38	65.86	48.96	42.04	37.25
	2.14	2.09	1.87	1.79	1.84	1.99	2.78	3.13	3.27	3.34	3.16	3.17	3.20	3.30	3.46	3.58	3.87	4.51	5.14	5.37	5.37	3.63	2.96	2.53
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.06	-16.45	-13.38	-18.64	-40.09	-41.44	-6.13	-4.13	-3.97	0.00	-0.06	-0.02
NYPA_VERNON____GT2 24162	33.06	28.40	27.03	26.25	26.98	30.26	39.58	44.18	42.06	41.19	37.90	36.98	36.61	40.96	42.25	43.61	52.53	61.15	51.93	57.07	57.80	48.91	42.04	37.17
	1.96	1.93	1.74	1.67	1.74	1.87	2.59	2.97	3.12	3.29	3.13	3.21	3.24	3.30	3.46	3.54	3.83	4.43	4.99	5.25	5.20	3.58	3.00	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.70	-3.82	-5.33	-11.49	-13.74	4.49	4.07	3.91	0.00	-0.01	0.00
NYPA_VERNON____GT3 24163	33.06	28.40	27.03	26.25	26.98	30.26	39.58	44.18	42.06	41.19	37.90	36.98	36.61	40.96	42.25	43.61	52.53	61.15	51.93	57.07	57.80	48.91	42.04	37.17
	1.96	1.93	1.74	1.67	1.74	1.87	2.59	2.97	3.12	3.29	3.13	3.21	3.24	3.30	3.46	3.54	3.83	4.43	4.99	5.25	5.20	3.58	3.00	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.70	-3.82	-5.33	-11.49	-13.74	4.49	4.07	3.91	0.00	-0.01	0.00
NYPA____ASTORIA_CC1 323568	33.00	28.40	27.00	26.22	26.95	30.23	39.54	44.09	41.98	41.11	37.82	36.91	36.57	38.52	40.25	40.85	46.69	55.47	54.60	59.25	59.90	48.82	41.95	37.09
	1.90	1.93	1.72	1.65	1.72	1.84	2.55	2.88	3.04	3.22	3.06	3.14	3.20	3.23	3.39	3.47	3.76	4.34	4.94	5.20	5.14	3.49	2.93	2.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.33	-1.89	-2.65	-5.73	-8.15	1.77	1.83	1.76	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	33.00	28.40	27.00	26.22	26.95	30.23	39.54	44.09	41.98	41.11	37.82	36.91	36.57	38.52	40.25	40.85	46.69	55.47	54.60	59.25	59.90	48.82	41.95	37.09
	1.90	1.93	1.72	1.65	1.72	1.84	2.55	2.88	3.04	3.22	3.06	3.14	3.20	3.23	3.39	3.47	3.76	4.34	4.94	5.20	5.14	3.49	2.93	2.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.33	-1.89	-2.65	-5.73	-8.15	1.77	1.83	1.76	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	33.84	28.95	27.46	26.66	27.41	30.92	40.55	44.51	45.59	42.06	38.58	37.51	37.04	36.87	38.98	39.33	42.32	52.20	62.40	94.94	102.07	53.48	50.07	38.00
	2.74	2.49	2.17	2.09	2.17	2.53	3.48	3.30	3.97	4.09	3.68	3.65	3.57	3.66	3.78	3.92	4.20	4.90	5.61	5.92	6.05	4.44	3.75	3.30
	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	-2.67	-0.08	-0.13	-0.10	-0.11	-0.25	-0.23	-0.68	-0.91	-4.32	-5.36	-33.13	-39.51	-3.71	-7.30	0.00
NYPA____HELLGATE_GT1 24158	32.78	28.37	26.98	26.17	26.88	30.06	39.32	43.88	41.78	40.92	37.68	36.76	36.39	36.05	38.22	38.15	40.97	49.79	55.99	60.38	60.96	48.63	41.79	36.99
	1.68	1.91	1.69	1.60	1.64	1.67	2.33	2.68	2.84	3.03	2.92	3.00	3.04	3.10	3.25	3.41	3.68	4.17	4.73	4.92	4.86	3.31	2.77	2.29
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	-0.08	-2.64	0.17	0.43	0.41	0.01	0.00	0.00
NYPA____HELLGATE_GT2 24159	32.78	28.37	26.98	26.17	26.88	30.06	39.32	43.88	41.78	40.92	37.68	36.76	36.39	36.05	38.22	38.15	40.97	49.79	55.99	60.38	60.96	48.63	41.79	36.99
	1.68	1.91	1.69	1.60	1.64	1.67	2.33	2.68	2.84	3.03	2.92	3.00	3.04	3.10	3.25	3.41	3.68	4.17	4.73	4.92	4.86	3.31	2.77	2.29
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	-0.08	-2.64	0.17	0.43	0.41	0.01	0.00	0.00
NYS_BARGE____HYD 23848	31.41	25.01	23.66	23.13	24.05	27.06	34.37	38.78	35.44	33.94	31.25	30.36	30.06	29.53	31.44	31.29	33.82	38.78	46.80	51.75	51.83	41.61	36.37	33.10
	0.31	-1.46	-1.62	-1.45	-1.19	-1.33	-2.63	-2.43	-3.04	-3.75	-3.51	-3.41	-3.30	-3.43	-3.53	-3.44	-3.39	-4.13	-4.68	-4.13	-4.69	-3.72	-2.65	-1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	-0.05	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	32.07	25.86	24.53	23.91	24.81	27.94	35.70	40.18	37.24	35.82	32.82	31.91	31.59	31.08	33.01	32.82	35.53	41.21	49.11	53.82	54.03	43.47	37.66	33.97
	0.97	-0.61	-0.76	-0.66	-0.43	-0.46	-1.30	-1.03	-1.56	-2.01	-1.95	-1.86	-1.77	-1.88	-1.96	-1.91	-1.67	-2.11	-2.37	-2.07	-2.49	-1.86	-1.37	-0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.04	0.00	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	31.51 0.40 0.00	26.52 0.05 0.00	25.28 0.00 0.00	24.60 0.02 0.00	25.31 0.08 0.00	28.56 0.17 0.00	37.07 0.07 0.00	41.42 0.21 0.00	38.79 -0.16 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.20 -0.17 0.00	32.80 -0.16 0.00	34.83 -0.14 0.00	34.63 -0.10 0.00	37.25 0.04 0.00	44.24 -0.04 -1.30	52.52 -0.05 -1.14	57.52 0.28 -1.36	58.09 0.17 -1.40	46.00 0.09 -0.58	39.30 0.16 -0.12	34.94 0.24 0.00
OCC_CHEM___DRP 24175	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.80 0.00	22.95 -1.62 0.00	23.75 -1.49 0.00	26.83 -1.56 0.00	33.85 -3.14 0.00	38.12 -3.09 0.00	34.04 -4.40 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	29.92 -3.85 0.00	29.59 -3.77 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.41 -4.47 0.10	46.13 -5.35 -0.05	51.14 -4.75 0.00	51.26 -5.26 0.00	41.07 -4.26 0.00	36.02 -3.00 0.00	32.79 -1.91 0.00
OH_GEN_PROXY 24063	30.78 0.06 0.38	25.39 -1.46 -0.38	23.69 -1.59 0.00	23.15 -1.43 0.00	24.03 -1.21 0.00	27.06 -1.33 0.00	34.37 -2.63 0.00	39.14 -2.52 -0.44	34.98 -3.08 0.89	33.92 -3.79 0.19	31.25 -3.51 0.00	30.39 -3.38 0.00	30.09 -3.27 0.00	29.60 -3.36 0.00	31.51 -3.46 0.00	31.29 -3.44 0.00	33.90 -3.31 0.00	38.90 -4.04 0.04	46.80 -4.68 -0.05	51.69 -4.19 0.00	51.83 -4.69 0.00	41.52 -3.81 0.00	36.29 -2.73 0.00	33.03 -1.66 0.00
OLIN_CORP_DRP 24177	30.95 -0.16 0.00	24.69 -1.77 0.00	23.39 -1.90 0.00	22.86 -1.72 0.00	23.65 -1.59 0.00	26.72 -1.68 0.00	33.74 -3.26 0.00	38.00 -3.21 0.00	34.54 -3.89 0.51	33.43 -4.24 0.21	30.80 -3.96 0.00	29.78 -3.98 0.00	29.49 -3.87 0.00	29.14 -3.82 0.00	31.05 -3.92 0.00	30.88 -3.86 0.00	33.38 -3.83 0.00	38.28 -4.60 0.11	45.98 -5.50 -0.05	51.02 -4.86 0.00	51.15 -5.37 0.00	40.98 -4.35 0.00	35.90 -3.12 0.00	32.69 -2.01 0.00
OLIN_CORP_DSASP 323712	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.79 0.00	22.95 -1.62 0.00	23.85 -1.39 0.00	26.83 -1.56 0.00	34.03 -2.96 0.00	38.32 -2.89 0.00	35.05 -3.39 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	30.05 -3.71 0.00	29.79 -3.57 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.36 -4.51 0.10	46.29 -5.19 -0.05	51.14 -4.75 0.00	51.26 -5.25 0.00	41.07 -4.26 0.00	35.94 -3.08 0.00	32.79 -1.91 0.00
ONEIDA_HERK_LFGE 323681	30.36 0.06 0.80	25.94 0.03 0.55	24.62 0.05 0.71	23.94 0.07 0.71	24.61 0.10 0.73	27.74 0.20 0.85	36.25 0.33 1.07	42.50 0.41 -0.88	38.32 0.43 1.05	36.99 0.19 1.09	33.90 0.14 1.00	32.75 0.03 1.05	32.14 0.00 1.22	31.76 0.00 1.20	33.67 0.00 1.30	33.56 0.07 1.24	36.11 0.11 1.21	43.70 0.30 -0.41	52.97 0.72 -0.81	57.73 0.78 -1.06	58.34 0.73 -1.09	46.41 0.63 -0.45	39.62 0.51 -0.09	35.05 0.35 0.00
ONEIDA___115KV_TB4 55905	31.69 0.59 0.00	26.89 0.42 0.00	25.71 0.43 0.00	25.02 0.44 0.00	25.72 0.48 0.00	29.04 0.65 0.00	37.88 0.89 0.00	42.24 1.03 0.00	39.88 0.93 0.00	38.65 0.76 0.00	35.43 0.66 0.00	34.31 0.54 0.00	33.86 0.50 0.00	33.49 0.53 0.00	35.53 0.56 0.00	35.32 0.59 0.00	37.91 0.71 0.00	44.52 0.90 -0.63	53.82 1.23 -1.16	58.78 1.40 -1.50	59.42 1.36 -1.55	47.01 1.04 -0.64	40.01 0.86 -0.13	35.43 0.73 0.00
ONONDAGA_REF_OCCRA 23987	31.01 -0.09 0.00	26.33 -0.13 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.11 -0.13 0.00	28.31 -0.09 0.00	36.95 -0.04 0.00	41.17 -0.04 0.00	38.79 -0.16 0.00	37.78 -0.11 0.00	34.59 -0.17 0.00	33.60 -0.17 0.00	33.20 -0.17 0.00	32.80 -0.16 0.00	34.83 -0.14 0.00	34.52 -0.21 0.00	37.02 -0.19 0.00	43.92 -0.26 -1.20	53.35 -0.31 -2.22	58.55 -0.22 -2.89	59.21 -0.28 -2.98	46.28 -0.27 -1.23	39.08 -0.20 -0.25	34.66 -0.03 0.00
ONONDAGA___COGEN 23986	31.01 -0.09 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.26 -0.26 -1.54	54.24 -0.31 -3.12	59.74 -0.22 -4.07	60.38 -0.34 -4.20	46.79 -0.27 -1.73	39.18 -0.20 -0.35	34.66 -0.03 0.00
ONTARIO___LFGE 23819	31.88 0.78 0.00	26.28 -0.18 0.00	25.01 -0.28 0.00	24.36 -0.22 0.00	25.16 -0.08 0.00	28.45 0.06 0.00	36.81 -0.18 0.00	41.29 0.08 0.00	38.70 -0.47 -0.22	37.26 -0.72 -0.09	33.97 -0.80 0.00	32.99 -0.78 0.00	32.60 -0.77 0.00	32.14 -0.82 0.00	34.17 -0.80 0.00	34.00 -0.73 0.00	36.76 -0.44 0.00	43.49 -0.60 -1.11	51.78 -0.67 -1.02	56.89 -0.28 -1.28	57.33 -0.51 -1.32	45.74 -0.14 -0.54	39.05 -0.08 -0.11	34.91 0.21 0.00
ORANGEVILLE_WT_PWR 323706	30.89 -0.22 0.00	24.90 -1.56 0.00	23.64 -1.64 0.00	23.08 -1.50 0.00	23.95 -1.29 0.00	27.09 -1.31 0.00	34.70 -2.29 0.00	39.07 -2.14 0.00	34.19 -2.96 1.79	33.65 -3.49 0.75	31.60 -3.16 0.00	30.66 -3.11 0.00	30.36 -3.00 0.00	29.86 -3.10 0.00	31.79 -3.18 0.00	31.81 -2.92 0.00	34.42 -2.79 0.00	37.94 -3.44 1.60	47.94 -3.55 -0.06	53.15 -2.74 0.00	53.46 -3.05 0.00	42.93 -2.40 0.00	37.35 -1.68 0.00	33.80 -0.90 0.00
ORANGEVILLE___ESR 323794	30.89 -0.22 0.00	24.90 -1.56 0.00	23.64 -1.64 0.00	23.08 -1.50 0.00	23.95 -1.29 0.00	27.09 -1.31 0.00	34.70 -2.29 0.00	39.07 -2.14 0.00	34.19 -2.96 1.79	33.65 -3.49 0.75	31.60 -3.16 0.00	30.66 -3.11 0.00	30.36 -3.00 0.00	29.86 -3.10 0.00	31.79 -3.18 0.00	31.81 -2.92 0.00	34.42 -2.79 0.00	37.94 -3.44 1.60	47.94 -3.55 -0.06	53.15 -2.74 0.00	53.46 -3.05 0.00	42.93 -2.40 0.00	37.35 -1.68 0.00	33.80 -0.90 0.00
OSWEGATCHIE___HYD 24044	21.12 -1.55 8.43	19.36 -1.30 5.81	16.64 -1.16 7.48	15.96 -1.13 7.49	16.34 -1.19 7.71	18.13 -1.31 8.96	24.05 -1.63 11.32	43.61 -1.81 -4.21	26.11 -1.63 11.20	24.48 -1.82 11.59	22.31 -1.81 10.65	20.79 -1.82 11.15	18.54 -1.83 12.99	18.36 -1.81 12.79	19.28 -1.92 13.77	19.64 -1.88 13.22	22.38 -2.01 12.81	41.41 -2.06 -0.49	50.37 -2.11 -1.05	55.02 -2.24 -1.37	55.67 -2.26 -1.42	44.51 -1.41 -0.58	38.09 -1.05 -0.12	33.52 -1.18 0.00
OSWEGO___5 23606	30.48 -0.62 0.00	25.91 -0.56 0.00	24.75 -0.53 0.00	24.06 -0.52 0.00	24.70 -0.53 0.00	27.82 -0.57 0.00	36.25 -0.74 0.00	40.34 -0.87 0.00	38.09 -0.86 0.00	37.06 -0.83 0.00	33.97 -0.80 0.00	32.99 -0.78 0.00	32.60 -0.77 0.00	32.21 -0.76 0.00	34.17 -0.80 0.00	33.86 -0.87 0.00	36.24 -0.97 0.00	46.41 -1.16 -4.59	60.90 -1.39 -10.85	68.79 -1.39 -14.30	69.73 -1.52 -14.74	50.22 -1.18 -6.07	39.24 -1.01 -1.23	33.97 -0.73 0.00
OSWEGO___6 23613	30.48 -0.62 0.00	25.91 -0.56 0.00	24.75 -0.53 0.00	24.06 -0.52 0.00	24.70 -0.53 0.00	27.82 -0.57 0.00	36.25 -0.74 0.00	40.34 -0.87 0.00	38.09 -0.86 0.00	37.06 -0.83 0.00	33.97 -0.80 0.00	32.99 -0.78 0.00	32.60 -0.77 0.00	32.21 -0.76 0.00	34.17 -0.80 0.00	33.86 -0.87 0.00	36.24 -0.97 0.00	46.41 -1.16 -4.59	60.90 -1.39 -10.85	68.79 -1.39 -14.30	69.73 -1.52 -14.74	50.22 -1.18 -6.07	39.24 -1.01 -1.23	33.97 -0.73 0.00

OUTOKUMPU-AB___DRP 24206	31.69 0.59 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.27 -1.30 0.00	24.10 -1.14 0.00	27.23 -1.16 0.00	34.48 -2.52 0.00	38.86 -2.35 0.00	34.91 -3.50 0.53	34.18 -3.49 0.22	31.53 -3.23 0.00	30.49 -3.28 0.00	30.16 -3.20 0.00	29.80 -3.16 0.00	31.75 -3.22 0.00	31.57 -3.16 0.00	34.08 -3.13 0.00	39.07 -3.78 0.13	47.01 -4.47 -0.05	52.20 -3.69 0.00	52.33 -4.18 0.00	41.98 -3.35 0.00	36.72 -2.30 0.00	33.38 -1.32 0.00
OXBOW___BTM 323836	31.41 0.31 0.00	25.01 -1.46 0.00	23.69 -1.59 0.00	23.15 -1.43 0.00	24.08 -1.16 0.00	27.06 -1.33 0.00	34.40 -2.59 0.00	38.78 -2.43 0.00	35.43 -3.00 0.52	33.92 -3.75 0.22	31.29 -3.48 0.00	30.39 -3.38 0.00	30.13 -3.24 0.00	29.57 -3.39 0.00	31.51 -3.46 0.00	31.33 -3.40 0.00	33.82 -3.39 0.00	38.78 -4.08 0.12	46.80 -4.68 -0.05	51.75 -4.13 0.00	51.88 -4.63 0.00	41.57 -3.76 0.00	36.37 -2.65 0.00	33.10 -1.60 0.00
OXBOW___ 24026	31.41 0.31 0.00	25.01 -1.46 0.00	23.69 -1.59 0.00	23.15 -1.43 0.00	23.95 -1.29 0.00	27.06 -1.33 0.00	34.22 -2.77 0.00	38.53 -2.68 0.00	34.53 -3.89 0.52	33.92 -3.75 0.22	31.29 -3.48 0.00	30.25 -3.51 0.00	29.93 -3.44 0.00	29.57 -3.40 0.00	31.51 -3.46 0.00	31.33 -3.40 0.00	33.82 -3.39 0.00	38.78 -4.08 0.12	46.65 -4.83 -0.05	51.75 -4.14 0.00	51.88 -4.63 0.00	41.57 -3.76 0.00	36.41 -2.61 0.00	33.10 -1.60 0.00
OXY_CHEM_DSASP 323612	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.80 0.00	22.95 -1.62 0.00	23.75 -1.49 0.00	26.83 -1.56 0.00	33.85 -3.14 0.00	38.12 -3.09 0.00	34.04 -4.40 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	29.92 -3.85 0.00	29.59 -3.77 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.41 -4.47 0.10	46.13 -5.35 -0.05	51.14 -4.75 0.00	51.26 -5.26 0.00	41.07 -4.26 0.00	36.02 -3.00 0.00	32.79 -1.91 0.00
OZONE_PARK_ESR 323760	33.22 2.11 0.00	28.48 2.01 0.00	27.13 1.85 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.43 2.04 0.00	39.84 2.85 0.00	44.47 3.26 0.00	42.37 3.43 0.00	41.38 3.49 0.00	38.07 3.30 0.00	37.14 3.38 0.00	36.73 3.37 0.00	36.36 3.40 0.00	38.57 3.60 0.00	38.46 3.72 -0.01	41.30 4.02 -0.07	50.27 4.64 -2.65	57.00 5.25 -0.32	61.47 5.59 0.00	62.17 5.65 0.00	49.27 3.94 0.00	42.26 3.24 0.00	37.37 2.67 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.80 0.00	22.95 -1.62 0.00	23.75 -1.49 0.00	26.83 -1.56 0.00	33.85 -3.14 0.00	38.12 -3.09 0.00	34.04 -4.40 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	29.92 -3.85 0.00	29.59 -3.77 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.41 -4.47 0.10	46.13 -5.35 -0.05	51.14 -4.75 0.00	51.26 -5.26 0.00	41.07 -4.26 0.00	36.02 -3.00 0.00	32.79 -1.91 0.00
PACKARD___115KV_DUPONT_184 80571	31.04 -0.06 0.00	24.80 -1.67 0.00	23.49 -1.80 0.00	22.95 -1.62 0.00	23.75 -1.49 0.00	26.83 -1.56 0.00	33.85 -3.14 0.00	38.12 -3.09 0.00	34.04 -4.40 0.50	33.55 -4.13 0.21	30.94 -3.82 0.00	29.92 -3.85 0.00	29.59 -3.77 0.00	29.27 -3.69 0.00	31.16 -3.81 0.00	30.98 -3.75 0.00	33.49 -3.72 0.00	38.41 -4.47 0.10	46.13 -5.35 -0.05	51.14 -4.75 0.00	51.26 -5.26 0.00	41.07 -4.26 0.00	36.02 -3.00 0.00	32.79 -1.91 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.91 1.80 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.12 1.73 0.00	39.40 2.40 0.00	44.01 2.80 0.00	41.98 3.04 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.81 3.04 0.00	36.43 3.07 0.00	36.05 3.10 0.01	38.21 3.25 0.01	38.11 3.37 -0.01	40.90 3.61 -0.08	49.79 4.17 -2.64	55.88 4.63 0.18	60.48 5.03 0.43	61.07 4.97 0.42	48.68 3.35 0.00	41.83 2.81 0.00	37.02 2.32 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.06 1.96 0.00	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.79 3.02 0.00	36.97 3.21 0.00	36.53 3.17 0.00	36.12 3.16 0.01	38.28 3.32 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.92 4.30 -2.64	56.09 4.83 0.18	60.65 5.20 0.43	61.30 5.20 0.42	48.87 3.54 0.00	41.99 2.97 0.00	37.20 2.50 0.00
PATROON___115KV_TB1 80586	31.88 0.78 0.00	27.29 0.82 0.00	26.09 0.81 0.00	25.34 0.76 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.27 1.32 0.00	39.18 1.29 0.00	36.02 1.25 0.00	34.98 1.22 0.00	34.56 1.20 0.00	34.15 1.19 0.00	36.26 1.29 0.00	36.12 1.39 0.00	38.62 1.41 0.00	47.87 1.63 -3.26	53.88 2.06 -0.39	57.90 2.01 0.00	58.61 2.09 0.00	46.87 1.54 0.00	40.15 1.13 0.00	35.60 0.90 0.00
PATTRSNVILLE___SOLAR 323815	33.28 2.18 0.00	28.29 1.82 0.00	27.05 1.77 0.00	26.30 1.72 0.00	27.05 1.82 0.00	30.46 2.07 0.00	39.77 2.78 0.00	44.26 3.05 0.00	41.51 2.57 0.00	40.05 2.16 0.00	36.61 1.84 0.00	35.39 1.62 0.00	34.90 1.54 0.00	34.48 1.52 0.00	36.61 1.64 0.00	36.54 1.80 0.00	39.44 2.23 0.00	49.49 2.92 -3.59	56.08 4.22 -0.43	60.63 4.75 0.00	61.49 4.97 0.00	49.32 3.99 0.00	42.18 3.16 0.00	37.30 2.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.41 0.31 0.00	25.09 -1.38 0.00	23.74 -1.54 0.00	23.20 -1.38 0.00	24.02 -1.21 0.00	27.17 -1.22 0.00	34.48 -2.52 0.00	38.90 -2.31 0.00	34.93 -3.47 0.54	34.14 -3.52 0.23	31.57 -3.20 0.00	30.52 -3.24 0.00	30.23 -3.14 0.00	29.83 -3.13 0.00	31.79 -3.18 0.00	31.61 -3.13 0.00	34.16 -3.05 0.00	38.99 -3.87 0.12	46.96 -4.53 -0.05	52.42 -3.46 0.00	52.62 -3.90 0.00	42.11 -3.22 0.00	36.80 -2.22 0.00	33.31 -1.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.94 1.84 0.00	28.24 1.77 0.00	26.93 1.64 0.00	26.15 1.57 0.00	26.90 1.67 0.00	30.24 1.85 0.00	39.47 2.48 0.00	44.09 2.88 0.00	41.98 3.04 0.00	40.88 2.99 0.00	37.62 2.85 0.00	36.60 2.84 0.00	36.17 2.80 0.00	35.73 2.77 0.00	37.94 2.97 0.00	37.82 3.09 0.00	40.59 3.39 0.00	49.74 4.08 -2.68	56.43 4.68 -0.32	60.75 4.86 0.00	61.60 5.09 0.00	48.87 3.54 0.00	41.83 2.81 0.00	37.02 2.32 0.00
PEEKSKILL___ 23653	32.75 1.65 0.00	28.11 1.64 0.00	26.77 1.49 0.00	26.00 1.42 0.00	26.72 1.49 0.00	30.04 1.65 0.00	39.21 2.22 0.00	43.72 2.51 0.00	41.55 2.61 0.00	40.62 2.73 0.00	37.37 2.61 0.00	36.40 2.64 0.00	35.97 2.60 0.00	35.60 2.64 0.00	37.73 2.76 0.00	37.61 2.88 0.00	40.34 3.13 0.00	49.26 3.65 -2.62	55.91 4.16 -0.32	60.19 4.30 0.00	60.93 4.41 0.00	48.45 3.13 0.00	41.52 2.50 0.00	36.75 2.05 0.00
PGE MADISON___WINDPWR 24146	33.59 2.49 0.00	28.29 1.82 0.00	27.10 1.82 0.00	26.44 1.87 0.00	27.33 2.09 0.00	31.09 2.70 0.00	40.80 3.81 0.00	45.66 4.45 0.00	42.96 4.01 0.00	40.77 2.88 0.00	37.20 2.43 0.00	35.83 2.06 0.00	35.26 1.90 0.00	34.74 1.78 0.00	37.03 2.06 0.00	36.36 1.63 0.00	39.40 2.19 0.00	47.44 2.96 -1.50	56.58 3.96 -1.18	61.77 4.47 -1.41	62.38 4.41 -1.45	49.42 3.49 -0.60	42.11 2.96 -0.12	37.23 2.53 0.00

PIERCEFIELD___HYD 23852	16.56 -1.74 12.80	16.25 -1.40 8.81	12.64 -1.29 11.35	11.96 -1.25 11.37	12.18 -1.36 11.70	13.21 -1.59 13.59	17.85 -1.96 17.18	45.05 -2.35 -6.19	19.96 -1.99 17.00	18.17 -2.12 17.60	16.59 -2.02 16.16	14.85 -1.99 16.93	11.65 -2.00 19.71	11.57 -1.98 19.41	11.94 -2.13 20.90	12.59 -2.08 20.06	15.45 -2.31 19.45	40.76 -2.49 -0.27	48.97 -3.03 -0.57	53.22 -3.41 -0.75	53.95 -3.33 -0.77	43.70 -1.95 -0.32	37.72 -1.37 -0.06	33.21 -1.49 0.00
PINELAWN_CC_1 323563	33.68 2.58 0.00	28.80 2.33 0.00	27.33 2.05 0.00	26.54 1.97 0.00	27.28 2.04 0.00	30.78 2.39 0.00	40.41 3.40 -0.01	44.55 3.34 0.00	43.09 3.89 -0.25	41.88 3.98 -0.01	38.71 3.62 -0.33	37.58 3.58 -0.24	37.16 3.53 -0.26	37.13 3.59 -0.57	39.18 3.71 -0.50	40.02 3.85 -1.44	42.96 3.80 -1.95	53.64 4.43 -6.23	59.14 4.94 -2.77	65.30 5.14 -4.28	66.60 5.26 -4.82	51.54 3.99 -2.22	45.45 3.36 -3.07	37.94 3.23 -0.01
PJM_GEN_HTTP_PROXY 323702	32.62 1.90 0.38	28.70 1.85 -0.38	26.95 1.67 0.00	26.20 1.62 0.00	26.90 1.67 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.49 2.84 -0.44	41.50 3.00 0.44	41.03 3.14 0.00	37.75 2.99 0.00	36.84 3.07 0.00	36.43 3.07 0.00	36.06 3.10 0.00	38.22 3.25 0.00	38.11 3.37 -0.01	40.87 3.61 -0.06	49.80 4.17 -2.65	56.43 4.68 -0.32	60.81 4.92 0.00	61.49 4.97 0.00	48.82 3.49 0.00	41.91 2.89 0.00	37.06 2.36 0.00
PJM_GEN_KEystone 24065	31.56 0.84 0.38	27.14 0.29 -0.38	25.41 0.13 0.00	24.75 0.17 0.00	25.54 0.30 0.00	28.76 0.37 0.00	37.14 0.15 0.00	42.06 0.41 -0.44	38.45 0.08 0.57	37.76 -0.08 0.06	34.73 -0.03 0.00	33.80 0.03 0.00	33.46 0.10 0.00	33.03 0.07 0.00	35.08 0.11 0.00	34.91 0.17 0.00	37.59 0.37 -0.01	44.78 0.30 -1.49	51.99 0.36 -0.20	56.50 0.62 0.00	57.02 0.51 0.00	45.51 0.18 0.00	39.30 0.28 0.00	35.08 0.38 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.90 2.18 0.38	28.89 2.04 -0.38	27.05 1.77 0.00	26.27 1.69 0.00	27.00 1.77 0.00	30.44 2.05 0.00	39.92 2.92 -0.01	44.54 2.88 -0.44	41.89 3.39 0.44	41.42 3.52 -0.01	38.03 3.23 -0.03	37.03 3.24 -0.03	36.62 3.24 -0.03	36.28 3.26 -0.06	38.42 3.39 -0.06	38.40 3.51 -0.17	41.18 3.76 -0.21	50.41 4.39 -3.04	57.03 5.04 -0.55	61.33 5.31 -0.13	62.06 5.43 -0.12	49.45 3.90 -0.22	42.48 3.28 -0.18	37.47 2.78 0.01
PJM_GEN_VFT_PROXY 323633	32.49 1.77 0.38	28.59 1.75 -0.38	26.88 1.59 0.00	26.10 1.52 0.00	26.83 1.59 0.00	30.15 1.76 0.00	39.39 2.40 0.00	44.37 2.72 -0.44	41.38 2.88 0.44	40.96 3.07 0.00	37.69 2.92 0.00	36.81 3.04 0.00	36.40 3.04 0.00	36.03 3.07 0.00	38.19 3.22 0.00	38.05 3.30 -0.01	40.85 3.57 -0.07	49.72 4.09 -2.65	57.80 4.58 -1.79	61.93 4.75 -1.29	62.56 4.80 -1.24	48.68 3.35 0.00	41.87 2.85 0.00	36.99 2.29 0.00
PLATSBURG_115KV_PMLD1 355749	14.09 -1.03 15.98	14.66 -0.79 11.01	10.32 -0.78 14.18	9.52 -0.86 14.20	9.57 -1.06 14.61	10.05 -1.36 16.97	13.76 -1.78 21.46	0.34 -2.06 38.81	16.15 -1.36 21.43	14.30 -1.40 22.19	13.03 -1.36 20.38	11.04 -1.38 21.34	7.08 -1.43 24.85	6.97 -1.52 24.47	7.40 -1.22 26.35	8.19 -1.25 25.29	10.79 -1.90 24.52	40.95 -2.02 0.01	49.22 -2.21 0.00	53.59 -2.29 0.00	54.37 -2.15 0.00	44.15 -1.18 0.00	38.44 -0.59 0.00	34.07 -0.62 0.00
PLEASANTVLY___LBMP 24000	32.60 1.49 0.00	27.97 1.51 0.00	26.67 1.39 0.00	25.93 1.35 0.00	26.62 1.39 0.00	29.92 1.53 0.00	39.06 2.07 0.00	43.60 2.39 0.00	41.44 2.49 0.00	40.35 2.46 0.00	37.13 2.36 0.00	36.13 2.36 0.00	35.73 2.37 0.00	35.30 2.34 0.00	37.42 2.45 0.00	37.27 2.54 0.00	39.92 2.72 0.00	48.93 3.18 -2.76	55.42 3.65 -0.33	59.74 3.86 0.00	60.47 3.96 0.00	48.14 2.81 0.00	41.25 2.22 0.00	36.47 1.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.84 1.74 0.00	28.16 1.69 0.00	26.85 1.57 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.93 2.72 0.00	41.79 2.84 0.00	40.77 2.88 0.00	37.48 2.71 0.00	36.54 2.77 0.00	36.13 2.77 0.00	35.73 2.77 0.00	37.87 2.90 0.00	37.72 2.99 0.00	40.44 3.24 0.00	49.43 3.78 -2.67	56.07 4.32 -0.32	60.47 4.58 0.00	61.21 4.69 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.82 2.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.84 1.74 0.00	28.16 1.69 0.00	26.85 1.57 0.00	26.08 1.50 0.00	26.80 1.56 0.00	30.12 1.73 0.00	39.36 2.37 0.00	43.93 2.72 0.00	41.79 2.84 0.00	40.77 2.88 0.00	37.48 2.71 0.00	36.54 2.77 0.00	36.13 2.77 0.00	35.73 2.77 0.00	37.87 2.90 0.00	37.72 2.99 0.00	40.44 3.24 0.00	49.43 3.78 -2.67	56.07 4.32 -0.32	60.47 4.58 0.00	61.21 4.69 0.00	48.59 3.26 0.00	41.64 2.61 0.00	36.82 2.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.75 1.65 0.00	28.08 1.61 0.00	26.77 1.49 0.00	26.03 1.45 0.00	26.75 1.51 0.00	30.07 1.68 0.00	39.32 2.33 0.00	43.85 2.64 0.00	41.71 2.77 0.00	40.54 2.65 0.00	37.23 2.47 0.00	36.23 2.46 0.00	35.80 2.44 0.00	35.37 2.41 0.00	37.45 2.48 0.00	37.34 2.60 0.00	40.07 2.87 0.00	49.07 3.40 -2.69	55.72 3.96 -0.32	60.13 4.25 0.00	60.92 4.41 0.00	48.46 3.13 0.00	41.52 2.50 0.00	36.75 2.05 0.00
POLETTI_____ 23519	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.21 1.82 0.00	39.51 2.52 0.00	44.04 2.84 0.02	42.00 3.08 0.02	41.02 3.14 0.02	37.70 2.96 0.02	36.82 3.07 0.02	36.42 3.07 0.02	36.01 3.07 0.02	38.17 3.22 0.02	38.07 3.33 0.00	40.89 3.61 -0.07	49.74 4.13 -2.63	56.36 4.63 -0.30	60.84 4.97 0.02	61.47 4.97 0.02	48.76 3.45 0.02	41.87 2.85 0.00	37.06 2.36 0.00
POMONA___ESR 323819	32.75 1.65 0.00	28.08 1.61 0.00	26.75 1.47 0.00	26.00 1.42 0.00	26.72 1.49 0.00	30.04 1.65 0.00	39.21 2.22 0.00	43.72 2.51 0.00	41.51 2.57 0.00	40.58 2.69 0.00	37.30 2.54 0.00	36.33 2.56 0.00	35.93 2.57 0.00	35.57 2.60 0.00	37.66 2.69 0.00	37.54 2.81 0.00	40.26 3.05 0.00	49.11 3.57 -2.56	55.80 4.06 -0.31	60.13 4.25 0.00	60.87 4.35 0.00	48.41 3.08 0.00	41.52 2.50 0.00	36.71 2.01 0.00
PORT_JEFF_3 23555	33.90 2.80 0.00	29.01 2.54 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	30.97 2.58 0.00	40.66 3.59 -0.08	44.63 3.42 0.00	45.85 4.09 -2.81	42.18 4.21 -0.08	38.69 3.79 -0.14	37.61 3.75 -0.10	37.11 3.64 -0.11	36.97 3.76 -0.25	39.09 3.88 -0.23	39.44 4.03 -0.69	42.48 4.35 -0.93	52.40 5.07 -4.35	62.84 5.81 -5.59	96.96 6.15 -34.92	104.38 6.22 -41.65	53.83 4.63 -3.87	50.59 3.90 -7.66	38.14 3.44 0.00
PORT_JEFF_4 23616	33.90 2.80 0.00	29.01 2.54 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	30.97 2.58 0.00	40.66 3.59 -0.08	44.63 3.42 0.00	45.85 4.09 -2.81	42.18 4.21 -0.08	38.69 3.79 -0.14	37.61 3.75 -0.10	37.11 3.64 -0.11	36.97 3.76 -0.25	39.09 3.88 -0.23	39.44 4.03 -0.69	42.48 4.35 -0.93	52.40 5.07 -4.35	62.84 5.81 -5.59	96.96 6.15 -34.92	104.38 6.22 -41.65	53.83 4.63 -3.87	50.59 3.90 -7.66	38.14 3.44 0.00

PORT_JEFF_IC 23713	33.96 2.86 0.00	29.06 2.59 0.00	27.56 2.28 0.00	26.74 2.16 0.00	27.51 2.27 0.00	31.00 2.61 0.00	41.00 3.92 -0.09	45.41 4.20 0.00	46.70 4.40 -3.35	42.37 4.40 -0.09	38.94 4.03 -0.14	37.89 4.02 -0.10	37.21 3.74 -0.11	37.01 3.79 -0.26	39.16 3.95 -0.24	39.54 4.10 -0.71	42.63 4.46 -0.96	52.59 5.20 -4.40	63.80 5.91 -6.45	103.75 6.32 -41.55	112.53 6.44 -49.57	54.56 4.76 -4.47	51.99 3.98 -8.98	38.20 3.50 0.00
PPL PILGRIM_ST_GT1 24216	33.90 2.80 0.00	29.01 2.54 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	31.00 2.61 0.00	40.68 3.66 -0.02	44.71 3.50 0.00	43.74 4.17 -0.63	42.19 4.28 -0.02	38.82 3.89 -0.16	37.70 3.81 -0.12	37.23 3.74 -0.13	37.11 3.85 -0.30	39.20 3.95 -0.28	39.61 4.06 -0.81	42.62 4.31 -1.10	52.72 5.07 -4.66	59.68 5.81 -2.44	70.34 6.15 -8.30	72.56 6.27 -9.77	51.71 4.63 -1.76	45.54 3.86 -2.66	38.17 3.47 0.00
PPL PILGRIM_ST_GT2 24217	33.90 2.80 0.00	29.01 2.54 0.00	27.51 2.23 0.00	26.71 2.14 0.00	27.46 2.22 0.00	31.00 2.61 0.00	40.68 3.66 -0.02	44.71 3.50 0.00	43.74 4.17 -0.63	42.19 4.28 -0.02	38.82 3.89 -0.16	37.70 3.81 -0.12	37.23 3.74 -0.13	37.11 3.85 -0.30	39.20 3.95 -0.28	39.61 4.06 -0.81	42.62 4.31 -1.10	52.72 5.07 -4.66	59.68 5.81 -2.44	70.34 6.15 -8.30	72.56 6.27 -9.77	51.71 4.63 -1.76	45.54 3.86 -2.66	38.17 3.47 0.00
PPL_SHRM_GT3 24213	34.18 3.08 0.00	29.24 2.78 0.00	27.71 2.43 0.00	26.91 2.34 0.00	27.66 2.42 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	44.96 3.75 0.00	46.25 4.44 -2.87	42.48 4.51 -0.08	38.93 4.03 -0.14	37.78 3.92 -0.10	37.31 3.84 -0.11	37.17 3.95 -0.25	39.30 4.09 -0.24	39.70 4.27 -0.70	42.84 4.69 -0.94	52.86 5.50 -4.38	63.66 6.53 -5.69	98.40 6.93 -35.58	106.02 7.06 -42.44	54.53 5.26 -3.95	51.20 4.37 -7.81	38.48 3.78 0.00
PPL_SHRM_GT4 24214	34.18 3.08 0.00	29.24 2.78 0.00	27.71 2.43 0.00	26.91 2.34 0.00	27.66 2.42 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	44.96 3.75 0.00	46.25 4.44 -2.87	42.48 4.51 -0.08	38.93 4.03 -0.14	37.78 3.92 -0.10	37.31 3.84 -0.11	37.17 3.95 -0.25	39.30 4.09 -0.24	39.70 4.27 -0.70	42.84 4.69 -0.94	52.86 5.50 -4.38	63.66 6.53 -5.69	98.40 6.93 -35.58	106.02 7.06 -42.44	54.53 5.26 -3.95	51.20 4.37 -7.81	38.48 3.78 0.00
PROJECT___ORANGE 1 24174	30.95 -0.16 0.00	26.28 -0.19 0.00	25.11 -0.18 0.00	24.40 -0.17 0.00	25.06 -0.18 0.00	28.25 -0.14 0.00	36.88 -0.11 0.00	41.05 -0.16 0.00	38.71 -0.23 0.00	37.74 -0.15 0.00	34.56 -0.21 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	36.95 -0.26 0.00	43.67 -0.39 -1.07	52.96 -0.51 -2.04	58.15 -0.39 -2.65	58.74 -0.51 -2.74	46.00 -0.45 -1.13	38.94 -0.31 -0.23	34.56 -0.14 0.00
PROJECT___ORANGE 2 24166	30.95 -0.16 0.00	26.28 -0.19 0.00	25.11 -0.18 0.00	24.40 -0.17 0.00	25.06 -0.18 0.00	28.25 -0.14 0.00	36.88 -0.11 0.00	41.05 -0.16 0.00	38.71 -0.23 0.00	37.74 -0.15 0.00	34.56 -0.21 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	36.95 -0.26 0.00	43.67 -0.39 -1.07	52.96 -0.51 -2.04	58.15 -0.39 -2.65	58.74 -0.51 -2.74	46.00 -0.45 -1.13	38.94 -0.31 -0.23	34.56 -0.14 0.00
PUCKETT___SOLAR 323809	31.97 0.87 0.00	26.94 0.48 0.00	25.71 0.43 0.00	25.04 0.47 0.00	25.79 0.55 0.00	29.13 0.74 0.00	37.92 0.93 0.00	42.36 1.15 0.00	39.76 0.82 0.00	38.42 0.53 0.00	35.15 0.38 0.00	34.04 0.27 0.00	33.63 0.27 0.00	33.19 0.23 0.00	35.25 0.28 0.00	35.04 0.31 0.00	37.77 0.56 0.00	45.02 0.69 -1.36	53.57 1.03 -1.11	58.59 1.40 -1.31	59.17 1.30 -1.35	46.88 1.00 -0.56	40.03 0.90 -0.11	35.53 0.83 0.00
PYRITES___HYD 24023	16.88 -1.06 13.16	16.55 -0.85 9.07	12.85 -0.76 11.67	12.15 -0.74 11.69	12.40 -0.81 12.03	13.48 -0.94 13.98	18.21 -1.11 17.67	45.31 -1.44 -5.55	20.22 -1.25 17.48	18.24 -1.55 18.09	16.62 -1.53 16.62	14.84 -1.52 17.40	11.53 -1.57 20.27	11.46 -1.55 19.96	11.87 -1.61 21.49	12.54 -1.56 20.62	15.54 -1.67 20.00	41.55 -1.63 -0.21	50.05 -1.90 -0.53	54.40 -2.18 -0.69	55.08 -2.15 -0.72	44.67 -0.95 -0.29	38.57 -0.51 -0.06	33.94 -0.76 0.00
QUAKERRD_115KV_BK1 80622	31.44 0.34 0.00	25.43 -1.03 0.00	24.15 -1.14 0.00	23.54 -1.03 0.00	24.33 -0.91 0.00	27.48 -0.91 0.00	35.03 -1.96 0.00	39.40 -1.81 0.00	36.02 -2.80 0.12	35.38 -2.46 0.05	32.40 -2.36 0.00	31.44 -2.33 0.00	31.09 -2.27 0.00	30.72 -2.24 0.00	32.63 -2.34 0.00	32.44 -2.29 0.00	35.12 -2.08 0.00	40.73 -2.58 -0.32	48.44 -3.03 -0.04	53.04 -2.85 0.00	53.35 -3.16 0.00	42.88 -2.45 0.00	37.11 -1.91 0.00	33.42 -1.28 0.00
QUENSBRY_115KV_TB8 356137	33.00 1.90 0.00	28.13 1.67 0.00	26.95 1.67 0.00	26.15 1.57 0.00	26.93 1.69 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.30 3.09 0.00	41.87 2.92 0.00	40.66 2.77 0.00	37.06 2.29 0.00	35.86 2.09 0.00	35.40 2.04 0.00	34.97 2.01 0.00	37.17 2.20 0.00	37.09 2.36 0.00	39.78 2.57 0.00	49.45 3.14 -3.33	56.00 4.17 -0.40	60.30 4.42 0.00	61.32 4.80 0.00	48.96 3.63 0.00	41.87 2.85 0.00	36.99 2.29 0.00
RAMAPO___LBMP 323565	32.63 1.52 0.00	28.00 1.54 0.00	26.67 1.39 0.00	25.93 1.35 0.00	26.65 1.41 0.00	29.95 1.56 0.00	39.10 2.11 0.00	43.60 2.39 0.00	41.48 2.53 0.00	40.43 2.54 0.00	37.16 2.40 0.00	36.23 2.46 0.00	35.83 2.47 0.00	35.43 2.47 0.00	37.52 2.55 0.00	37.37 2.64 0.00	40.11 2.90 0.00	48.88 3.35 -2.55	55.54 3.81 -0.31	59.91 4.02 0.00	60.70 4.18 0.00	48.23 2.90 0.00	41.32 2.30 0.00	36.57 1.87 0.00
RANKINE___ 23646	31.57 0.47 0.00	25.20 -1.27 0.00	23.87 -1.42 0.00	23.30 -1.28 0.00	24.10 -1.14 0.00	27.25 -1.14 0.00	34.59 -2.40 0.00	38.98 -2.23 0.00	34.85 -3.47 0.62	34.22 -3.41 0.26	31.64 -3.13 0.00	30.59 -3.17 0.00	30.29 -3.07 0.00	29.93 -3.03 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.27 -2.94 0.00	39.15 -3.61 0.22	47.27 -4.22 -0.05	52.59 -3.30 0.00	52.79 -3.73 0.00	42.29 -3.04 0.00	36.99 -2.03 0.00	33.55 -1.15 0.00
RAVENSWOOD_GT2_1 24244	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.12 3.37 -0.02	40.94 3.65 -0.09	49.84 4.21 -2.65	56.48 4.73 -0.32	60.92 5.03 0.00	61.60 5.09 0.00	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00
RAVENSWOOD_GT2_2 24245	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.12 3.37 -0.02	40.94 3.65 -0.09	49.84 4.21 -2.65	56.48 4.73 -0.32	60.92 5.03 0.00	61.60 5.09 0.00	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00

RAVENSWOOD_GT2_3 24246	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.18 2.97 0.00	42.10 3.15 0.00	41.11 3.22 0.00	37.79 3.02 0.00	36.91 3.14 0.00	36.50 3.14 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.15 3.40 -0.02	40.98 3.68 -0.09	49.84 4.21 -2.65	56.53 4.78 -0.32	60.97 5.09 0.00	61.66 5.14 0.00	48.91 3.58 0.00	41.95 2.93 0.00	37.09 2.39 0.00
RAVENSWOOD_GT2_4 24247	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.18 2.97 0.00	42.10 3.15 0.00	41.11 3.22 0.00	37.79 3.02 0.00	36.91 3.14 0.00	36.50 3.14 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.15 3.40 -0.02	40.98 3.68 -0.09	49.84 4.21 -2.65	56.53 4.78 -0.32	60.97 5.09 0.00	61.66 5.14 0.00	48.91 3.58 0.00	41.95 2.93 0.00	37.09 2.39 0.00
RAVENSWOOD_GT3_1 24248	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.12 3.37 -0.02	40.94 3.65 -0.09	49.84 4.21 -2.65	56.48 4.73 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00
RAVENSWOOD_GT3_2 24249	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	36.09 3.13 0.00	38.26 3.29 0.00	38.12 3.37 -0.02	40.94 3.65 -0.09	49.84 4.21 -2.65	56.48 4.73 -0.32	60.97 5.09 0.00	61.60 5.09 0.00	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00
RAVENSWOOD_GT3_3 24250	33.03 1.93 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.53 3.17 0.00	36.13 3.16 0.00	38.29 3.32 0.00	38.19 3.44 -0.02	41.02 3.72 -0.09	49.89 4.26 -2.65	56.58 4.83 -0.32	61.03 5.14 0.00	61.72 5.20 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
RAVENSWOOD_GT3_4 24251	33.03 1.93 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.53 3.17 0.00	36.13 3.16 0.00	38.29 3.32 0.00	38.19 3.44 -0.02	41.02 3.72 -0.09	49.89 4.26 -2.65	56.58 4.83 -0.32	61.03 5.14 0.00	61.72 5.20 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
RAVENSWOOD_GT_1 23729	33.06 1.96 0.00	28.40 1.93 0.00	27.03 1.74 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.26 1.87 0.00	39.62 2.63 0.00	44.26 3.05 0.00	42.18 3.23 0.00	41.19 3.30 0.00	37.90 3.13 0.00	37.01 3.24 0.00	36.64 3.27 -0.01	40.96 3.30 -4.70	42.25 3.46 -3.82	43.60 3.54 -5.33	52.53 3.83 -11.49	61.15 4.43 -13.74	51.88 4.94 4.49	57.13 5.31 4.07	57.92 5.31 3.91	48.96 3.63 0.00	42.00 2.97 -0.01	37.17 2.46 0.00
RAVENSWOOD_GT_10 24258	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	35.86 3.13 0.24	38.07 3.29 0.19	37.85 3.37 0.25	40.37 3.65 0.48	49.29 4.21 -2.09	55.78 4.73 0.38	60.30 5.03 0.61	61.02 5.09 0.59	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00
RAVENSWOOD_GT_11 24259	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	35.86 3.13 0.24	38.07 3.29 0.19	37.85 3.37 0.25	40.37 3.65 0.48	49.29 4.21 -2.09	55.78 4.73 0.38	60.30 5.03 0.61	61.02 5.09 0.59	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00
RAVENSWOOD_GT_4 24252	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.08 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.44 3.07 -0.01	36.07 3.10 -0.01	38.23 3.25 -0.01	38.13 3.37 -0.03	40.94 3.61 -0.12	49.81 4.17 -2.66	56.84 4.73 -0.68	61.34 5.03 -0.43	62.01 5.09 -0.41	48.87 3.54 0.00	41.92 2.89 -0.01	37.06 2.36 0.00
RAVENSWOOD_GT_5 24254	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.08 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.44 3.07 -0.01	36.07 3.10 -0.01	38.23 3.25 -0.01	38.13 3.37 -0.03	40.94 3.61 -0.12	49.81 4.17 -2.66	56.84 4.73 -0.68	61.34 5.03 -0.43	62.01 5.09 -0.41	48.87 3.54 0.00	41.92 2.89 -0.01	37.06 2.36 0.00
RAVENSWOOD_GT_6 24253	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.08 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.44 3.07 -0.01	36.07 3.10 -0.01	38.23 3.25 -0.01	38.13 3.37 -0.03	40.94 3.61 -0.12	49.81 4.17 -2.66	56.84 4.73 -0.68	61.34 5.03 -0.43	62.01 5.09 -0.41	48.87 3.54 0.00	41.92 2.89 -0.01	37.06 2.36 0.00
RAVENSWOOD_GT_7 24255	33.00 1.90 0.00	28.32 1.85 0.00	26.95 1.67 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.08 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.44 3.07 -0.01	36.07 3.10 -0.01	38.23 3.25 -0.01	38.13 3.37 -0.03	40.94 3.61 -0.12	49.81 4.17 -2.66	56.84 4.73 -0.68	61.34 5.03 -0.43	62.01 5.09 -0.41	48.87 3.54 0.00	41.92 2.89 -0.01	37.06 2.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	35.86 3.13 0.24	38.07 3.29 0.19	37.85 3.37 0.25	40.37 3.65 0.48	49.29 4.21 -2.09	55.78 4.73 0.38	60.30 5.03 0.61	61.02 5.09 0.59	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00
RAVENSWOOD_GT_9 24257	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.10 3.15 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.11 0.00	36.47 3.10 0.00	35.86 3.13 0.24	38.07 3.29 0.19	37.85 3.37 0.25	40.37 3.65 0.48	49.29 4.21 -2.09	55.78 4.73 0.38	60.30 5.03 0.61	61.02 5.09 0.59	48.87 3.54 0.00	41.91 2.89 0.00	37.06 2.36 0.00

RAVENSWOOD___1 23533	33.03 1.93 0.00	28.40 1.93 0.00	27.03 1.74 0.00	26.25 1.67 0.00	26.95 1.72 0.00	30.26 1.87 0.00	39.58 2.59 0.00	44.14 2.93 0.00	42.06 3.12 0.00	41.15 3.26 0.00	37.86 3.09 0.00	36.94 3.17 0.00	36.57 3.20 0.00	38.56 3.26 -2.33	40.29 3.43 -1.90	40.89 3.51 -2.65	46.74 3.80 -5.74	55.53 4.39 -8.16	53.88 4.99 2.54	58.58 5.20 2.51	59.31 5.20 2.41	48.91 3.58 0.00	41.99 2.96 0.00	37.13 2.43 0.00
RAVENSWOOD___2 23534	33.03 1.93 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.14 2.93 0.00	42.02 3.08 0.00	41.11 3.22 0.00	37.86 3.09 0.00	36.94 3.17 0.00	36.57 3.20 0.00	38.55 3.26 -2.32	40.29 3.43 -1.89	40.88 3.51 -2.64	46.72 3.80 -5.72	55.51 4.39 -8.14	53.93 4.99 2.49	58.62 5.20 2.46	59.35 5.20 2.37	48.87 3.54 0.00	41.99 2.96 0.00	37.13 2.43 0.00
RAVENSWOOD___3 23535	33.00 1.90 0.00	28.32 1.85 0.00	26.98 1.69 0.00	26.20 1.62 0.00	26.93 1.69 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.09 2.88 0.00	41.98 3.04 0.00	41.07 3.18 0.00	37.79 3.02 0.00	36.87 3.10 0.00	36.43 3.07 0.00	36.10 3.13 0.00	38.26 3.29 0.00	38.12 3.37 -0.02	40.95 3.65 -0.09	49.85 4.21 -2.65	56.53 4.78 -0.32	60.86 4.97 0.00	61.54 5.03 0.00	48.87 3.54 0.00	41.95 2.93 0.00	37.09 2.39 0.00
RAVENSWOOD___4 23820	33.00 1.90 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.93 1.69 0.00	30.23 1.84 0.00	39.54 2.55 0.00	44.14 2.93 0.00	42.02 3.08 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.90 3.14 0.00	36.56 3.20 0.01	36.22 3.26 0.01	38.35 3.39 0.01	38.24 3.51 0.00	41.05 3.80 -0.05	50.01 4.39 -2.64	55.80 4.94 0.57	60.17 5.20 0.92	60.83 5.20 0.88	48.87 3.54 0.00	41.94 2.93 0.01	37.09 2.39 0.00
RCPL_TRUST___DRP 24196	33.22 2.11 0.00	28.48 2.01 0.00	27.10 1.82 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.43 2.04 0.00	39.84 2.85 0.00	44.47 3.26 0.00	42.41 3.47 0.00	41.41 3.52 0.00	38.10 3.34 0.00	37.21 3.44 0.00	36.73 3.37 0.00	36.36 3.40 0.00	38.54 3.57 0.00	38.46 3.72 -0.01	41.24 3.98 -0.06	50.23 4.60 -2.65	56.94 5.19 -0.32	61.31 5.42 0.00	61.94 5.43 0.00	49.23 3.90 0.00	42.14 3.12 0.00	37.34 2.64 0.00
RED___ROCHESTER 323720	32.31 1.21 0.00	25.99 -0.48 0.00	24.63 -0.66 0.00	24.04 -0.54 0.00	24.93 -0.30 0.00	28.08 -0.31 0.00	35.88 -1.11 0.00	40.39 -0.82 0.00	37.47 -1.32 0.15	36.05 -1.78 0.06	33.03 -1.74 0.00	32.15 -1.62 0.00	31.80 -1.57 0.00	31.28 -1.68 0.00	33.26 -1.71 0.00	33.03 -1.70 0.00	35.79 -1.41 0.00	41.42 -1.89 -0.33	49.41 -2.06 -0.04	54.15 -1.73 0.00	54.37 -2.15 0.00	43.79 -1.54 0.00	37.85 -1.17 0.00	34.18 -0.52 0.00
REGAN___SOLAR 323812	33.78 2.68 0.00	28.66 2.20 0.00	27.43 2.15 0.00	26.64 2.06 0.00	27.46 2.22 0.00	30.92 2.53 0.00	40.39 3.40 0.00	45.00 3.79 0.00	42.25 3.31 0.00	40.81 2.92 0.00	37.23 2.47 0.00	35.96 2.19 0.00	35.50 2.14 0.00	35.10 2.14 0.00	37.31 2.34 0.00	37.23 2.50 0.00	40.19 2.98 0.00	50.42 3.78 -3.65	57.22 5.35 -0.44	61.87 5.98 0.00	62.68 6.16 0.00	50.27 4.94 0.00	42.92 3.90 0.00	37.93 3.23 0.00
RENSSELAER___COGEN 23796	31.79 0.68 0.00	27.21 0.74 0.00	26.02 0.73 0.00	25.26 0.69 0.00	25.94 0.71 0.00	29.18 0.79 0.00	38.03 1.03 0.00	42.36 1.15 0.00	40.07 1.13 0.00	39.03 1.14 0.00	35.84 1.08 0.00	34.81 1.05 0.00	34.40 1.04 0.00	33.99 1.02 0.00	36.09 1.12 0.00	35.95 1.21 0.00	38.43 1.23 0.00	47.63 1.42 -3.23	53.62 1.80 -0.39	57.62 1.73 0.00	58.32 1.81 0.00	46.64 1.32 0.00	39.96 0.94 0.00	35.46 0.76 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.75 2.64 0.00	28.69 2.22 0.00	27.53 2.25 0.00	26.69 2.11 0.00	27.53 2.30 0.00	30.97 2.58 0.00	40.58 3.59 0.00	45.41 4.20 0.00	42.84 3.89 0.00	41.53 3.64 0.00	37.72 2.96 0.00	36.43 2.67 0.00	36.00 2.64 0.00	35.60 2.64 0.00	37.87 2.90 0.00	37.89 3.16 0.00	40.71 3.50 0.00	50.65 4.34 -3.33	57.85 6.02 -0.40	62.31 6.43 0.00	63.35 6.84 0.00	50.54 5.21 0.00	43.12 4.10 0.00	38.03 3.33 0.00
REVERE_CPPR_DRP 24186	31.79 0.68 0.00	26.97 0.50 0.00	25.79 0.51 0.00	25.09 0.52 0.00	25.82 0.58 0.00	29.16 0.77 0.00	38.03 1.04 0.00	42.45 1.24 0.00	40.11 1.17 0.00	38.80 0.91 0.00	35.56 0.80 0.00	34.41 0.64 0.00	33.96 0.60 0.00	33.56 0.59 0.00	35.64 0.66 0.00	35.46 0.73 0.00	38.06 0.86 0.00	44.71 1.16 -0.57	54.08 1.59 -1.06	58.99 1.73 -1.37	59.63 1.70 -1.42	47.23 1.31 -0.58	40.23 1.09 -0.12	35.60 0.90 0.00
REYNLDPA_13_KV_LD 356490	14.42 -0.56 16.12	14.94 -0.42 11.10	10.61 -0.38 14.30	9.92 -0.34 14.32	10.08 -0.43 14.73	10.70 -0.57 17.12	14.65 -0.70 21.64	40.30 -0.91 0.00	16.88 -0.70 21.36	15.02 -0.76 22.12	13.72 -0.73 20.31	11.82 -0.68 21.27	7.92 -0.67 24.77	7.94 -0.63 24.39	8.01 -0.70 26.27	8.79 -0.73 25.21	11.87 -0.89 24.44	41.77 -1.20 0.01	49.99 -1.44 0.00	54.27 -1.62 0.00	54.93 -1.58 0.00	44.51 -0.82 0.00	38.59 -0.43 0.00	34.18 -0.52 0.00
REYNOLDS_115KV_TB3 80639	32.07 0.96 0.00	27.47 1.01 0.00	26.24 0.96 0.00	25.51 0.93 0.00	26.20 0.96 0.00	29.44 1.05 0.00	38.40 1.41 0.00	42.78 1.57 0.00	40.50 1.56 0.00	39.41 1.52 0.00	36.19 1.43 0.00	35.15 1.38 0.00	34.73 1.37 0.00	34.31 1.35 0.00	36.40 1.43 0.00	36.22 1.49 0.00	38.73 1.53 0.00	48.06 1.85 -3.23	54.08 2.26 -0.39	58.18 2.29 0.00	58.89 2.37 0.00	47.10 1.77 0.00	40.35 1.33 0.00	35.71 1.01 0.00
RIVERBAY____ 323610	33.06 1.96 0.00	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.29 1.90 0.00	39.62 2.63 0.00	44.22 3.01 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.79 3.02 0.00	36.97 3.21 0.00	36.53 3.17 0.00	36.12 3.16 0.01	38.28 3.32 0.01	38.14 3.40 -0.01	40.97 3.68 -0.08	49.92 4.30 -2.64	56.09 4.83 0.18	60.65 5.20 0.43	61.30 5.20 0.42	48.87 3.54 0.00	41.99 2.97 0.00	37.20 2.50 0.00
RIVERSDE_115KV_TB3 55908	31.91 0.81 0.00	27.34 0.87 0.00	26.14 0.86 0.00	25.39 0.81 0.00	26.07 0.83 0.00	29.30 0.91 0.00	38.21 1.22 0.00	42.61 1.40 0.00	40.35 1.40 0.00	39.22 1.33 0.00	36.05 1.29 0.00	35.02 1.25 0.00	34.60 1.23 0.00	34.18 1.22 0.00	36.26 1.29 0.00	36.12 1.39 0.00	38.62 1.41 0.00	47.85 1.63 -3.24	53.88 2.06 -0.39	57.95 2.07 0.00	58.66 2.15 0.00	46.92 1.59 0.00	40.15 1.13 0.00	35.60 0.90 0.00
ROARING___BROOK_WT_PWR 323790	3.24 -1.25 26.62	7.12 -1.01 18.34	0.71 -0.96 23.61	0.00 -0.93 23.64	0.00 -0.91 24.33	-0.87 -0.99 28.27	0.00 -1.26 35.73	39.69 -1.52 0.00	2.27 -1.28 35.39	0.00 -1.25 36.64	0.00 -1.11 33.65	-2.52 -1.05 35.24	-8.71 -1.03 41.04	-8.47 -1.02 40.41	-9.63 -1.08 43.51	-8.07 -1.04 41.76	-4.40 -1.12 40.49	41.63 -1.33 0.02	49.94 -1.49 0.00	54.38 -1.51 0.00	55.05 -1.47 0.00	44.33 -1.00 0.00	38.32 -0.70 0.00	34.11 -0.59 0.00

ROCHESRG_115KV_T4 355643	31.94 0.84 0.00	25.75 -0.71 0.00	24.42 -0.86 0.00	23.84 -0.74 0.00	24.63 -0.61 0.00	27.85 -0.54 0.00	35.44 -1.55 0.00	39.85 -1.36 0.00	36.29 -2.49 0.16	35.66 -2.16 0.07	32.68 -2.09 0.00	31.67 -2.09 0.00	31.33 -2.04 0.00	30.95 -2.01 0.00	32.91 -2.06 0.00	32.68 -2.05 0.00	35.42 -1.79 0.00	40.98 -2.24 -0.24	48.90 -2.57 -0.04	53.65 -2.24 0.00	53.92 -2.60 0.00	43.33 -1.99 0.00	37.54 -1.48 0.00	33.87 -0.83 0.00
ROCHESTER_9_IC 23652	32.13 1.03 0.00	25.88 -0.58 0.00	24.55 -0.73 0.00	23.94 -0.64 0.00	24.76 -0.48 0.00	27.96 -0.43 0.00	35.59 -1.41 0.00	40.06 -1.15 0.00	36.50 -2.30 0.15	35.86 -1.97 0.06	32.85 -1.91 0.00	31.84 -1.92 0.00	31.49 -1.87 0.00	31.15 -1.81 0.00	33.08 -1.89 0.00	32.89 -1.84 0.00	35.61 -1.60 0.00	41.30 -2.02 -0.33	49.11 -2.37 -0.04	53.93 -1.96 0.00	54.14 -2.37 0.00	43.56 -1.77 0.00	37.73 -1.29 0.00	34.04 -0.66 0.00
ROCKVIEW_13_KV_LD 356306	32.97 1.87 0.00	28.27 1.80 0.00	26.93 1.64 0.00	26.17 1.60 0.00	26.90 1.67 0.00	30.21 1.82 0.00	39.51 2.52 0.00	44.09 2.88 0.00	42.02 3.08 0.00	41.00 3.11 0.00	37.72 2.96 0.00	36.77 3.01 0.00	36.33 2.97 0.00	35.96 3.00 0.00	38.12 3.15 0.00	38.00 3.26 0.00	40.74 3.53 0.00	49.76 4.13 -2.65	56.48 4.73 -0.32	60.86 4.97 0.00	61.60 5.09 0.00	48.91 3.58 0.00	41.87 2.85 0.00	37.02 2.32 0.00
ROME____115KV_TB2 80656	31.79 0.68 0.00	26.97 0.50 0.00	25.79 0.51 0.00	25.09 0.52 0.00	25.82 0.58 0.00	29.16 0.77 0.00	38.03 1.04 0.00	42.45 1.24 0.00	40.11 1.17 0.00	38.80 0.91 0.00	35.56 0.80 0.00	34.41 0.64 0.00	33.96 0.60 0.00	33.56 0.59 0.00	35.64 0.66 0.00	35.46 0.73 0.00	38.06 0.86 0.00	44.71 1.16 -0.57	54.08 1.59 -1.06	58.99 1.73 -1.37	59.63 1.70 -1.42	47.23 1.31 -0.58	40.23 1.09 -0.12	35.60 0.90 0.00
ROSETON___1 23587	32.56 1.46 0.00	27.92 1.45 0.00	26.62 1.34 0.00	25.88 1.30 0.00	26.57 1.34 0.00	29.87 1.48 0.00	38.99 2.00 0.00	43.43 2.22 0.00	41.24 2.30 0.00	40.28 2.39 0.00	37.02 2.26 0.00	36.06 2.30 0.00	35.63 2.27 0.00	35.24 2.27 0.00	37.35 2.38 0.00	37.20 2.47 0.00	39.85 2.64 0.00	48.73 3.10 -2.65	55.30 3.55 -0.32	59.57 3.69 0.00	60.30 3.79 0.00	48.05 2.72 0.00	41.21 2.18 0.00	36.43 1.73 0.00
ROSETON___2 23588	32.56 1.46 0.00	27.92 1.45 0.00	26.62 1.34 0.00	25.88 1.30 0.00	26.57 1.34 0.00	29.87 1.48 0.00	38.99 2.00 0.00	43.43 2.22 0.00	41.24 2.30 0.00	40.28 2.39 0.00	37.02 2.26 0.00	36.06 2.30 0.00	35.63 2.27 0.00	35.24 2.27 0.00	37.35 2.38 0.00	37.20 2.47 0.00	39.85 2.64 0.00	48.73 3.10 -2.65	55.30 3.55 -0.32	59.57 3.69 0.00	60.30 3.79 0.00	48.05 2.72 0.00	41.21 2.18 0.00	36.43 1.73 0.00
ROTRDAM_115KV_TB3 80664	32.19 1.09 0.00	27.47 1.01 0.00	26.27 0.99 0.00	25.54 0.96 0.00	26.22 0.98 0.00	29.50 1.11 0.00	38.47 1.48 0.00	42.90 1.69 0.00	40.54 1.60 0.00	39.41 1.52 0.00	36.12 1.36 0.00	35.08 1.32 0.00	34.63 1.27 0.00	34.21 1.25 0.00	36.33 1.36 0.00	36.19 1.46 0.00	38.81 1.60 0.00	48.23 1.89 -3.36	54.20 2.37 -0.40	58.40 2.51 0.00	59.12 2.60 0.00	47.28 1.95 0.00	40.54 1.52 0.00	35.91 1.21 0.00
RUSSELL___1 23602	32.32 1.21 0.00	25.99 -0.48 0.00	24.63 -0.66 0.00	24.04 -0.54 0.00	24.86 -0.38 0.00	28.08 -0.31 0.00	35.73 -1.26 0.00	40.22 -0.99 0.00	36.65 -2.14 0.15	36.05 -1.78 0.06	33.03 -1.74 0.00	32.01 -1.76 0.00	31.66 -1.70 0.00	31.28 -1.68 0.00	33.26 -1.71 0.00	33.03 -1.70 0.00	35.79 -1.41 0.00	41.47 -1.85 -0.33	49.36 -2.11 -0.04	54.15 -1.73 0.00	54.37 -2.15 0.00	43.74 -1.59 0.00	37.89 -1.13 0.00	34.18 -0.52 0.00
RUSSELL___2 23532	32.32 1.21 0.00	25.99 -0.48 0.00	24.63 -0.66 0.00	24.04 -0.54 0.00	24.86 -0.38 0.00	28.08 -0.31 0.00	35.73 -1.26 0.00	40.22 -0.99 0.00	36.65 -2.14 0.15	36.05 -1.78 0.06	33.03 -1.74 0.00	32.01 -1.76 0.00	31.66 -1.70 0.00	31.28 -1.68 0.00	33.26 -1.71 0.00	33.03 -1.70 0.00	35.79 -1.41 0.00	41.47 -1.85 -0.33	49.36 -2.11 -0.04	54.15 -1.73 0.00	54.37 -2.15 0.00	43.74 -1.59 0.00	37.89 -1.13 0.00	34.18 -0.52 0.00
RUSSELL___3 23549	32.32 1.21 0.00	25.99 -0.48 0.00	24.63 -0.66 0.00	24.04 -0.54 0.00	24.86 -0.38 0.00	28.08 -0.31 0.00	35.73 -1.26 0.00	40.22 -0.99 0.00	36.65 -2.14 0.15	36.05 -1.78 0.06	33.03 -1.74 0.00	32.01 -1.76 0.00	31.66 -1.70 0.00	31.28 -1.68 0.00	33.26 -1.71 0.00	33.03 -1.70 0.00	35.79 -1.41 0.00	41.47 -1.85 -0.33	49.36 -2.11 -0.04	54.15 -1.73 0.00	54.37 -2.15 0.00	43.74 -1.59 0.00	37.89 -1.13 0.00	34.18 -0.52 0.00
RUSSELL___4 23556	32.32 1.21 0.00	25.99 -0.48 0.00	24.63 -0.66 0.00	24.04 -0.54 0.00	24.86 -0.38 0.00	28.08 -0.31 0.00	35.73 -1.26 0.00	40.22 -0.99 0.00	36.65 -2.14 0.15	36.05 -1.78 0.06	33.03 -1.74 0.00	32.01 -1.76 0.00	31.66 -1.70 0.00	31.28 -1.68 0.00	33.26 -1.71 0.00	33.03 -1.70 0.00	35.79 -1.41 0.00	41.47 -1.85 -0.33	49.36 -2.11 -0.04	54.15 -1.73 0.00	54.37 -2.15 0.00	43.74 -1.59 0.00	37.89 -1.13 0.00	34.18 -0.52 0.00
RUSSELL___STATION 23914	32.32 1.21 0.00	25.99 -0.48 0.00	24.63 -0.66 0.00	24.04 -0.54 0.00	24.86 -0.38 0.00	28.08 -0.31 0.00	35.73 -1.26 0.00	40.22 -0.99 0.00	36.65 -2.14 0.15	36.05 -1.78 0.06	33.03 -1.74 0.00	32.01 -1.76 0.00	31.66 -1.70 0.00	31.28 -1.68 0.00	33.26 -1.71 0.00	33.03 -1.70 0.00	35.79 -1.41 0.00	41.47 -1.85 -0.33	49.36 -2.11 -0.04	54.15 -1.73 0.00	54.37 -2.15 0.00	43.74 -1.59 0.00	37.89 -1.13 0.00	34.18 -0.52 0.00
S SALMON___HYD 24043	29.34 -0.68 1.08	25.12 -0.61 0.74	23.77 -0.56 0.95	23.06 -0.56 0.95	23.67 -0.58 0.98	26.68 -0.57 1.14	34.92 -0.63 1.44	40.59 -0.62 0.00	36.89 -0.62 1.43	35.69 -0.72 1.48	32.68 -0.73 1.36	31.57 -0.78 1.42	30.94 -0.77 1.65	30.58 -0.76 1.63	32.41 -0.80 1.75	32.21 -0.83 1.68	34.68 -0.89 1.63	43.76 -0.90 -1.68	54.22 -0.87 -3.66	59.85 -0.84 -4.80	60.51 -0.96 -4.95	46.69 -0.68 -2.04	38.93 -0.51 -0.41	34.28 -0.41 0.00
S.PERRY__115KV_TB1 80734	32.69 1.59 0.00	26.28 -0.19 0.00	24.93 -0.35 0.00	24.31 -0.27 0.00	25.16 -0.08 0.00	28.53 0.14 0.00	36.47 -0.52 0.00	41.00 -0.21 0.00	38.98 -1.67 -1.71	36.98 -1.63 -0.72	33.06 -1.70 0.00	32.01 -1.76 0.00	31.63 -1.73 0.00	31.25 -1.71 0.00	33.22 -1.75 0.00	33.20 -1.53 0.00	36.05 -1.15 0.00	44.16 -1.46 -2.64	50.25 -1.23 -0.06	55.66 -0.22 0.00	55.95 -0.57 0.00	45.06 -0.27 0.00	39.02 0.00 0.00	35.12 0.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.48 0.37 0.00	25.14 -1.32 0.00	23.82 -1.47 0.00	23.25 -1.33 0.00	24.05 -1.19 0.00	27.20 -1.19 0.00	34.40 -2.59 0.00	38.78 -2.43 0.00	34.68 -3.66 0.60	34.08 -3.56 0.25	31.50 -3.27 0.00	30.46 -3.31 0.00	30.13 -3.24 0.00	29.77 -3.20 0.00	31.72 -3.25 0.00	31.54 -3.20 0.00	34.08 -3.13 0.00	38.99 -3.78 0.21	47.01 -4.47 -0.05	52.20 -3.69 0.00	52.33 -4.18 0.00	41.93 -3.40 0.00	36.72 -2.30 0.00	33.35 -1.35 0.00

SAWYER___23_KV_LOAD 55526	31.48 0.37 0.00	25.14 -1.32 0.00	23.82 -1.47 0.00	23.25 -1.33 0.00	24.05 -1.19 0.00	27.20 -1.19 0.00	34.40 -2.59 0.00	38.78 -2.43 0.00	34.68 -3.66 0.60	34.08 -3.56 0.25	31.50 -3.27 0.00	30.46 -3.31 0.00	30.13 -3.24 0.00	29.77 -3.20 0.00	31.72 -3.25 0.00	31.54 -3.20 0.00	34.08 -3.13 0.00	38.99 -3.78 0.21	47.01 -4.47 -0.05	52.20 -3.69 0.00	52.33 -4.18 0.00	41.93 -3.40 0.00	36.72 -2.30 0.00	33.35 -1.35 0.00
SELKIRK___I 23801	31.97 0.87 0.00	27.34 0.87 0.00	26.14 0.86 0.00	25.41 0.84 0.00	26.07 0.83 0.00	29.30 0.91 0.00	38.17 1.18 0.00	42.53 1.32 0.00	40.15 1.21 0.00	39.07 1.18 0.00	35.81 1.04 0.00	34.75 0.98 0.00	34.30 0.93 0.00	33.92 0.96 0.00	36.02 1.05 0.00	35.91 1.18 0.00	38.47 1.27 0.00	47.64 1.46 -3.19	53.77 1.95 -0.38	57.84 1.96 0.00	58.55 2.03 0.00	46.87 1.54 0.00	40.23 1.21 0.00	35.67 0.97 0.00
SELKIRK___II 23799	31.85 0.75 0.00	27.26 0.79 0.00	26.04 0.76 0.00	25.31 0.74 0.00	25.97 0.73 0.00	29.21 0.82 0.00	38.06 1.07 0.00	42.41 1.20 0.00	40.11 1.17 0.00	39.07 1.18 0.00	35.88 1.11 0.00	34.81 1.05 0.00	34.40 1.04 0.00	34.02 1.05 0.00	36.12 1.15 0.00	35.95 1.21 0.00	38.47 1.27 0.00	47.67 1.46 -3.22	53.62 1.80 -0.39	57.67 1.79 0.00	58.38 1.86 0.00	46.74 1.41 0.00	40.08 1.05 0.00	35.53 0.83 0.00
SENECA OSWGO___HYD 24041	30.64 -0.47 0.00	26.04 -0.42 0.00	24.88 -0.41 0.00	24.18 -0.39 0.00	24.83 -0.40 0.00	27.99 -0.40 0.00	36.55 -0.44 0.00	40.67 -0.54 0.00	38.32 -0.62 0.00	37.36 -0.53 0.00	34.24 -0.52 0.00	33.22 -0.54 0.00	32.83 -0.54 0.00	32.47 -0.49 0.00	34.45 -0.52 0.00	34.11 -0.62 0.00	36.58 -0.63 0.00	44.53 -0.77 -2.32	55.70 -0.92 -5.19	61.81 -0.90 -6.82	62.53 -1.02 -7.03	47.41 -0.81 -2.89	38.91 -0.70 -0.59	34.25 -0.45 0.00
SENECA___115KV_TB3 355854	31.63 0.53 0.00	25.22 -1.24 0.00	23.89 -1.39 0.00	23.32 -1.25 0.00	24.15 -1.09 0.00	27.31 -1.08 0.00	34.62 -2.37 0.00	39.03 -2.18 0.00	34.93 -3.39 0.62	34.29 -3.33 0.26	31.71 -3.06 0.00	30.66 -3.11 0.00	30.33 -3.04 0.00	29.96 -3.00 0.00	31.93 -3.04 0.00	31.74 -2.99 0.00	34.31 -2.90 0.00	39.20 -3.57 0.22	47.32 -4.17 -0.05	52.70 -3.19 0.00	52.84 -3.67 0.00	42.34 -2.99 0.00	37.03 -1.99 0.00	33.59 -1.11 0.00
SENECA___ENERGY 23797	31.32 0.22 0.00	26.15 -0.32 0.00	24.90 -0.38 0.00	24.23 -0.34 0.00	24.98 -0.25 0.00	28.22 -0.17 0.00	36.66 -0.33 0.00	41.01 -0.21 0.00	38.47 -0.58 -0.11	37.25 -0.68 -0.04	34.03 -0.73 0.00	33.02 -0.74 0.00	32.66 -0.70 0.00	32.21 -0.76 0.00	34.20 -0.77 0.00	33.93 -0.80 0.00	36.54 -0.67 0.00	43.54 -0.82 -1.38	52.70 -0.92 -2.19	58.05 -0.67 -2.83	58.53 -0.91 -2.92	45.94 -0.59 -1.20	38.80 -0.47 -0.24	34.49 -0.21 0.00
SHOEMAKER___GT 23640	32.31 1.21 0.00	27.68 1.22 0.00	26.39 1.11 0.00	25.66 1.08 0.00	26.35 1.11 0.00	29.64 1.25 0.00	38.66 1.67 0.00	43.11 1.90 0.00	40.85 1.91 0.00	39.82 1.93 0.00	36.61 1.84 0.00	35.62 1.86 0.00	35.23 1.87 0.00	34.84 1.88 0.00	36.89 1.92 0.00	36.74 2.01 0.00	39.44 2.23 0.00	48.02 2.62 -2.42	54.70 2.98 -0.29	59.01 3.13 0.00	59.85 3.33 0.00	47.73 2.40 0.00	40.97 1.95 0.00	36.26 1.56 0.00
SHOEMAKR_138KV_BK 111 55601	32.35 1.24 0.00	27.68 1.22 0.00	26.40 1.11 0.00	25.66 1.08 0.00	26.37 1.14 0.00	29.67 1.28 0.00	38.69 1.70 0.00	43.15 1.94 0.00	40.97 2.03 0.00	39.90 2.01 0.00	36.64 1.88 0.00	35.66 1.89 0.00	35.26 1.90 0.00	34.87 1.91 0.00	36.93 1.96 0.00	36.78 2.05 0.00	39.48 2.27 0.00	48.01 2.62 -2.40	54.75 3.03 -0.29	59.13 3.24 0.00	59.91 3.39 0.00	47.73 2.40 0.00	40.97 1.95 0.00	36.26 1.56 0.00
SHOREHAM_IC_1 23715	34.18 3.08 0.00	29.24 2.78 0.00	27.71 2.43 0.00	26.91 2.34 0.00	27.66 2.42 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	44.96 3.75 0.00	46.25 4.44 -2.87	42.48 4.51 -0.08	38.93 4.03 -0.14	37.78 3.92 -0.10	37.31 3.84 -0.11	37.17 3.95 -0.25	39.30 4.09 -0.24	39.70 4.27 -0.70	42.84 4.69 -0.94	52.86 5.50 -4.38	63.66 6.53 -5.69	98.40 6.93 -35.58	106.02 7.06 -42.44	54.53 5.26 -3.95	51.20 4.37 -7.81	38.48 3.78 0.00
SHOREHAM_IC_2 23716	34.18 3.08 0.00	29.24 2.78 0.00	27.71 2.43 0.00	26.91 2.34 0.00	27.66 2.42 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	44.96 3.75 0.00	46.25 4.44 -2.87	42.48 4.51 -0.08	38.93 4.03 -0.14	37.78 3.92 -0.10	37.31 3.84 -0.11	37.17 3.95 -0.25	39.30 4.09 -0.24	39.70 4.27 -0.70	42.84 4.69 -0.94	52.86 5.50 -4.38	63.66 6.53 -5.69	98.40 6.93 -35.58	106.02 7.06 -42.44	54.53 5.26 -3.95	51.20 4.37 -7.81	38.48 3.78 0.00
SISSONVILLE___ 23735	16.56 -1.74 12.80	16.25 -1.40 8.81	12.64 -1.29 11.35	11.96 -1.25 11.37	12.18 -1.36 11.70	13.21 -1.59 13.59	17.85 -1.96 17.18	45.05 -2.35 -6.19	19.96 -1.99 17.00	18.17 -2.12 17.60	16.59 -2.02 16.16	14.85 -1.99 16.93	11.65 -2.00 19.71	11.57 -1.98 19.41	11.94 -2.13 20.90	12.59 -2.08 20.06	15.45 -2.31 19.45	40.76 -2.49 -0.27	48.97 -3.03 -0.57	53.22 -3.41 -0.75	53.95 -3.33 -0.77	43.70 -1.95 -0.32	37.72 -1.37 -0.06	33.21 -1.49 0.00
SITHE_IND_GS1 24169	30.29 -0.81 0.00	25.75 -0.71 0.00	24.60 -0.68 0.00	23.91 -0.66 0.00	24.56 -0.68 0.00	27.65 -0.74 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.39 -0.97 0.00	32.01 -0.96 0.00	33.92 -1.05 0.00	33.59 -1.15 0.00	35.90 -1.30 0.00	36.12 -1.55 5.32	36.12 -1.80 13.51	36.12 -1.90 17.87	36.12 -1.98 18.42	36.16 -1.59 7.58	36.16 -1.33 1.54	33.73 -0.97 0.00
SITHE_IND_GS2 24170	30.29 -0.81 0.00	25.75 -0.71 0.00	24.60 -0.68 0.00	23.91 -0.66 0.00	24.56 -0.68 0.00	27.65 -0.74 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.39 -0.97 0.00	32.01 -0.96 0.00	33.92 -1.05 0.00	33.59 -1.15 0.00	35.90 -1.30 0.00	36.12 -1.55 5.32	36.12 -1.80 13.51	36.12 -1.90 17.87	36.12 -1.98 18.42	36.16 -1.59 7.58	36.16 -1.33 1.54	33.73 -0.97 0.00
SITHE_IND_GS3 24171	30.29 -0.81 0.00	25.75 -0.71 0.00	24.60 -0.68 0.00	23.91 -0.66 0.00	24.56 -0.68 0.00	27.65 -0.74 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.39 -0.97 0.00	32.01 -0.96 0.00	33.92 -1.05 0.00	33.59 -1.15 0.00	35.90 -1.30 0.00	36.12 -1.55 5.32	36.12 -1.80 13.51	36.12 -1.90 17.87	36.12 -1.98 18.42	36.16 -1.59 7.58	36.16 -1.33 1.54	33.73 -0.97 0.00
SITHE_IND_GS4 24172	30.29 -0.81 0.00	25.75 -0.71 0.00	24.60 -0.68 0.00	23.91 -0.66 0.00	24.56 -0.68 0.00	27.65 -0.74 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.39 -0.97 0.00	32.01 -0.96 0.00	33.92 -1.05 0.00	33.59 -1.15 0.00	35.90 -1.30 0.00	36.12 -1.55 5.32	36.12 -1.80 13.51	36.12 -1.90 17.87	36.12 -1.98 18.42	36.16 -1.59 7.58	36.16 -1.33 1.54	33.73 -0.97 0.00

SITHE___BATAVIA 24024	32.41 1.31 0.00	25.72 -0.74 0.00	24.37 -0.91 0.00	23.79 -0.79 0.00	24.73 -0.50 0.00	27.85 -0.54 0.00	35.47 -1.52 0.00	40.01 -1.20 0.00	36.71 -1.87 0.37	35.23 -2.50 0.16	32.33 -2.43 0.00	31.40 -2.36 0.00	31.06 -2.30 0.00	30.52 -2.44 0.00	32.49 -2.48 0.00	32.30 -2.43 0.00	34.94 -2.27 0.00	40.13 -2.88 -0.03	48.39 -3.08 -0.05	53.43 -2.46 0.00	53.46 -3.05 0.00	43.06 -2.27 0.00	37.46 -1.56 0.00	33.97 -0.73 0.00
SITHE___INDEPEND 23800	30.29 -0.81 0.00	25.75 -0.71 0.00	24.60 -0.68 0.00	23.91 -0.66 0.00	24.55 -0.68 0.00	27.65 -0.74 0.00	36.03 -0.96 0.00	40.06 -1.15 0.00	37.81 -1.13 0.00	36.79 -1.10 0.00	33.76 -1.01 0.00	32.75 -1.01 0.00	32.40 -0.97 0.00	32.01 -0.96 0.00	33.92 -1.05 0.00	33.58 -1.15 0.00	35.91 -1.30 0.00	36.12 -1.55 5.32	36.12 -1.80 13.51	36.12 -1.90 17.87	36.12 -1.98 18.42	36.16 -1.59 7.58	36.16 -1.33 1.54	33.73 -0.97 0.00
SITHE___MASSENA 23902	14.74 -0.81 15.55	15.12 -0.64 10.71	10.93 -0.56 13.79	10.23 -0.54 13.81	10.39 -0.63 14.21	11.11 -0.77 16.51	15.16 -0.96 20.87	41.32 -1.20 -1.31	17.36 -0.97 20.62	15.56 -0.99 21.34	14.19 -0.97 19.60	12.29 -0.95 20.53	8.49 -0.97 23.91	8.47 -0.96 23.54	8.61 -1.02 25.35	9.36 -1.04 24.33	12.43 -1.19 23.59	41.68 -1.29 0.01	49.63 -1.80 0.00	54.10 -1.79 0.00	54.71 -1.81 0.00	44.47 -0.86 0.00	38.59 -0.43 0.00	34.11 -0.59 0.00
SITHE___OGDNSBRG 24021	16.40 -0.84 13.87	16.25 -0.66 9.55	12.40 -0.58 12.30	11.70 -0.57 12.32	11.93 -0.63 12.67	12.93 -0.74 14.73	17.49 -0.89 18.61	44.31 -1.20 -4.30	19.49 -1.05 18.40	17.51 -1.33 19.05	15.95 -1.32 17.50	14.12 -1.32 18.33	10.69 -1.33 21.34	10.63 -1.32 21.01	10.98 -1.36 22.63	11.70 -1.32 21.72	14.70 -1.45 21.06	41.78 -1.38 -0.17	50.24 -1.65 -0.45	54.64 -1.84 -0.59	55.38 -1.75 -0.61	44.86 -0.73 -0.25	38.80 -0.27 -0.05	34.18 -0.52 0.00
SITHE___STERLING 23777	31.69 0.59 0.00	26.89 0.42 0.00	25.71 0.43 0.00	25.02 0.44 0.00	25.71 0.48 0.00	29.04 0.65 0.00	37.88 0.89 0.00	42.24 1.03 0.00	39.92 0.97 0.00	38.61 0.72 0.00	35.42 0.66 0.00	34.30 0.54 0.00	33.86 0.50 0.00	33.49 0.53 0.00	35.53 0.56 0.00	35.32 0.59 0.00	37.91 0.71 0.00	44.51 0.90 -0.62	53.87 1.29 -1.16	58.78 1.40 -1.50	59.36 1.30 -1.55	47.01 1.04 -0.64	40.01 0.86 -0.13	35.43 0.73 0.00
SLEIGHT__34_KV_TB1 80719	31.79 0.68 0.00	25.94 -0.53 0.00	24.63 -0.66 0.00	24.01 -0.57 0.00	24.78 -0.45 0.00	28.02 -0.37 0.00	35.96 -1.04 0.00	40.39 -0.82 0.00	37.15 -1.71 0.08	36.45 -1.40 0.04	33.34 -1.43 0.00	32.35 -1.42 0.00	31.96 -1.40 0.00	31.58 -1.38 0.00	33.57 -1.40 0.00	33.34 -1.39 0.00	36.05 -1.15 0.00	42.03 -1.50 -0.56	50.29 -1.75 -0.61	55.12 -1.51 -0.75	55.48 -1.81 -0.77	44.29 -1.36 -0.32	38.03 -1.05 -0.06	34.11 -0.59 0.00
SMITHTWN_69_KV_BK 1 55830	34.00 2.89 0.00	29.06 2.59 0.00	27.56 2.28 0.00	26.76 2.19 0.00	27.51 2.27 0.00	31.03 2.64 0.00	41.12 4.00 -0.13	45.50 4.29 0.00	48.53 4.52 -5.07	42.50 4.47 -0.13	38.98 4.07 -0.14	37.92 4.05 -0.10	37.31 3.84 -0.11	37.11 3.89 -0.26	39.27 4.06 -0.24	39.69 4.24 -0.72	42.79 4.61 -0.97	52.83 5.42 -4.43	66.85 6.33 -9.09	125.17 6.76 -62.53	138.09 6.89 -74.67	56.69 5.08 -6.28	56.32 4.21 -13.08	38.27 3.57 0.00
SOUTH CAIRO___GT 23612	32.44 1.34 0.00	27.74 1.27 0.00	26.55 1.26 0.00	25.78 1.20 0.00	26.50 1.26 0.00	29.87 1.48 0.00	38.99 2.00 0.00	43.48 2.27 0.00	40.97 2.03 0.00	39.56 1.67 0.00	36.05 1.29 0.00	34.88 1.11 0.00	34.46 1.10 0.00	34.05 1.09 0.00	36.16 1.19 0.00	36.16 1.42 0.00	38.85 1.64 0.00	47.83 1.76 -3.09	54.84 3.03 -0.37	59.24 3.35 0.00	60.08 3.56 0.00	47.96 2.63 0.00	41.17 2.15 0.00	36.54 1.84 0.00
SOUTH HAMPTN___IC 23720	34.49 3.39 0.00	29.48 3.02 0.00	27.94 2.65 0.00	27.11 2.53 0.00	27.89 2.65 0.00	31.43 3.04 0.00	41.36 4.29 -0.08	45.46 4.25 0.00	46.58 4.91 -2.72	42.89 4.92 -0.08	39.32 4.42 -0.14	38.19 4.32 -0.10	37.67 4.20 -0.11	37.56 4.35 -0.25	39.72 4.51 -0.23	40.11 4.69 -0.69	43.27 5.14 -0.93	53.40 6.06 -4.35	64.09 7.20 -5.46	97.42 7.71 -33.82	104.65 7.80 -40.33	55.00 5.89 -3.78	51.35 4.88 -7.45	38.90 4.20 0.00
SOUTHDOW_115KV_TB1 355954	32.75 1.65 0.00	25.94 -0.53 0.00	24.52 -0.76 0.00	23.99 -0.59 0.00	24.86 -0.38 0.00	28.13 -0.26 0.00	35.92 -1.07 0.00	40.76 -0.45 0.00	36.78 -1.83 0.33	35.78 -1.97 0.14	33.06 -1.70 0.00	31.91 -1.86 0.00	31.59 -1.77 0.00	31.18 -1.78 0.00	33.29 -1.68 0.00	33.06 -1.67 0.00	35.65 -1.56 0.00	40.77 -2.32 -0.11	48.92 -2.57 -0.06	54.60 -1.29 0.00	54.82 -1.70 0.00	43.92 -1.41 0.00	38.36 -0.66 0.00	34.63 -0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	34.93 3.83 0.00	29.83 3.36 0.00	28.27 2.98 0.00	27.43 2.85 0.00	28.21 2.98 0.00	31.80 3.41 0.00	42.20 5.14 -0.07	46.81 5.60 0.00	47.35 5.69 -2.72	43.57 5.61 -0.07	40.05 5.15 -0.14	38.90 5.03 -0.10	38.14 4.67 -0.11	37.99 4.78 -0.25	40.21 5.00 -0.23	40.63 5.21 -0.69	43.91 5.77 -0.93	54.17 6.83 -4.36	65.18 8.28 -5.46	98.65 8.94 -33.83	105.90 9.04 -40.34	55.96 6.84 -3.79	52.06 5.58 -7.45	39.45 4.75 0.00
SOUTHOLD___IC 23719	34.93 3.82 0.00	29.83 3.36 0.00	28.26 2.98 0.00	27.43 2.85 0.00	28.21 2.98 0.00	31.80 3.41 0.00	41.92 4.84 -0.08	46.11 4.90 0.00	47.20 5.53 -2.72	43.46 5.49 -0.08	39.87 4.97 -0.14	38.66 4.79 -0.10	38.14 4.67 -0.11	38.03 4.81 -0.25	40.21 5.00 -0.23	40.63 5.21 -0.69	43.91 5.77 -0.93	54.21 6.88 -4.36	65.18 8.28 -5.46	98.54 8.83 -33.83	105.78 8.93 -40.34	55.91 6.80 -3.79	52.10 5.62 -7.45	39.45 4.75 0.00
SOUTH_FORK_WT_PWR 323839	34.99 3.89 0.00	29.88 3.42 0.00	28.32 3.03 0.00	27.48 2.90 0.00	28.26 3.03 0.00	31.88 3.49 0.00	41.99 4.92 -0.08	46.19 4.98 0.00	47.28 5.61 -2.72	43.58 5.61 -0.08	39.94 5.04 -0.14	38.73 4.86 -0.10	38.18 4.71 -0.11	38.09 4.88 -0.25	40.27 5.07 -0.23	40.70 5.28 -0.69	43.98 5.84 -0.93	54.30 6.96 -4.36	65.28 8.39 -5.46	98.65 8.94 -33.82	105.89 9.04 -40.33	56.05 6.94 -3.79	52.17 5.70 -7.45	39.56 4.86 0.00
SPIERFLS_115KV_TB 1 80737	32.91 1.80 0.00	28.08 1.61 0.00	26.88 1.59 0.00	26.08 1.50 0.00	26.85 1.62 0.00	30.21 1.82 0.00	39.51 2.52 0.00	44.14 2.93 0.00	41.71 2.77 0.00	40.54 2.65 0.00	36.95 2.19 0.00	35.76 1.99 0.00	35.30 1.94 0.00	34.87 1.91 0.00	37.03 2.06 0.00	36.95 2.22 0.00	39.63 2.42 0.00	49.24 2.92 -3.33	55.74 3.91 -0.40	60.02 4.14 0.00	61.04 4.52 0.00	48.73 3.40 0.00	41.72 2.69 0.00	36.89 2.19 0.00
ST LAWRENCE____ 23600	13.88 -0.93 16.29	14.50 -0.74 11.22	10.15 -0.68 14.45	9.42 -0.69 14.47	9.59 -0.76 14.89	10.18 -0.91 17.30	13.98 -1.15 21.87	39.55 -1.36 0.30	16.18 -1.17 21.59	14.40 -1.14 22.35	13.16 -1.08 20.53	11.22 -1.05 21.49	7.33 -1.07 24.96	7.33 -1.06 24.58	7.36 -1.15 26.46	8.18 -1.15 25.40	11.27 -1.30 24.63	41.51 -1.46 0.01	49.58 -1.85 0.00	54.04 -1.84 0.00	54.65 -1.86 0.00	44.20 -1.13 0.00	38.24 -0.78 0.00	33.90 -0.80 0.00

STATE_CA_115KV_115_LB 55624	31.88 0.78 0.00	27.29 0.82 0.00	26.09 0.81 0.00	25.34 0.76 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.27 1.32 0.00	39.18 1.29 0.00	36.02 1.25 0.00	34.98 1.22 0.00	34.56 1.20 0.00	34.15 1.19 0.00	36.26 1.29 0.00	36.12 1.39 0.00	38.62 1.41 0.00	47.87 1.63 -3.26	53.88 2.06 -0.39	57.90 2.01 0.00	58.66 2.15 0.00	46.87 1.54 0.00	40.15 1.13 0.00	35.60 0.90 0.00
STATE_ST_34_KV_LOAD 55959	31.29 0.19 0.00	26.33 -0.13 0.00	25.13 -0.15 0.00	24.45 -0.12 0.00	25.14 -0.10 0.00	28.36 -0.03 0.00	36.99 0.00 0.00	41.29 0.08 0.00	38.71 -0.23 0.00	37.66 -0.23 0.00	34.52 -0.24 0.00	33.50 -0.27 0.00	33.13 -0.23 0.00	32.70 -0.26 0.00	34.73 -0.24 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.09 -0.26 -1.37	53.76 -0.21 -2.54	59.18 0.00 -3.29	59.80 -0.11 -3.39	46.59 -0.14 -1.40	39.23 -0.08 -0.28	34.77 0.07 0.00
STATION_5_MISC_HYD 23604	32.13 1.02 0.00	25.88 -0.58 0.00	24.55 -0.73 0.00	23.94 -0.64 0.00	24.83 -0.40 0.00	27.97 -0.43 0.00	35.73 -1.26 0.00	40.22 -0.99 0.00	37.27 -1.52 0.15	35.90 -1.93 0.06	32.89 -1.88 0.00	31.98 -1.79 0.00	31.63 -1.74 0.00	31.15 -1.81 0.00	33.08 -1.89 0.00	32.89 -1.84 0.00	35.61 -1.60 0.00	41.25 -2.06 -0.33	49.16 -2.31 -0.04	53.93 -1.96 0.00	54.14 -2.37 0.00	43.56 -1.77 0.00	37.70 -1.33 0.00	34.04 -0.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.97 0.87 0.00	26.02 -0.45 0.00	24.73 -0.56 0.00	24.11 -0.47 0.00	24.88 -0.35 0.00	28.13 -0.26 0.00	36.07 -0.92 0.00	40.51 -0.70 0.00	37.31 -1.64 0.00	36.53 -1.36 0.00	33.41 -1.36 0.00	32.38 -1.38 0.00	32.03 -1.33 0.00	31.64 -1.32 0.00	33.61 -1.36 0.00	33.38 -1.35 0.00	36.13 -1.08 0.00	42.16 -1.33 -0.51	50.35 -1.54 -0.46	55.21 -1.23 -0.55	55.56 -1.53 -0.57	44.43 -1.13 -0.24	38.29 -0.78 -0.05	34.35 -0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.97 0.87 0.00	25.78 -0.69 0.00	24.45 -0.83 0.00	23.84 -0.74 0.00	24.66 -0.58 0.00	27.85 -0.54 0.00	35.47 -1.52 0.00	39.89 -1.32 0.00	36.43 -2.38 0.13	35.79 -2.05 0.06	32.78 -1.98 0.00	31.77 -1.99 0.00	31.43 -1.94 0.00	31.08 -1.88 0.00	33.01 -1.96 0.00	32.79 -1.94 0.00	35.53 -1.67 0.00	41.16 -2.15 -0.33	49.00 -2.47 -0.04	53.71 -2.18 0.00	53.97 -2.54 0.00	43.38 -1.95 0.00	37.58 -1.44 0.00	33.87 -0.83 0.00
STA_56___34_KV_BUS2 355983	31.97 0.87 0.00	25.78 -0.69 0.00	24.45 -0.83 0.00	23.84 -0.74 0.00	24.66 -0.58 0.00	27.85 -0.54 0.00	35.47 -1.52 0.00	39.89 -1.32 0.00	36.43 -2.38 0.13	35.79 -2.05 0.06	32.78 -1.98 0.00	31.77 -1.99 0.00	31.43 -1.94 0.00	31.08 -1.88 0.00	33.01 -1.96 0.00	32.79 -1.94 0.00	35.53 -1.67 0.00	41.16 -2.15 -0.33	49.00 -2.47 -0.04	53.71 -2.18 0.00	53.97 -2.54 0.00	43.38 -1.95 0.00	37.58 -1.44 0.00	33.87 -0.83 0.00
STA_67___115KV_BK2 355882	32.07 0.96 0.00	25.83 -0.64 0.00	24.50 -0.78 0.00	23.89 -0.69 0.00	24.71 -0.53 0.00	27.91 -0.48 0.00	35.55 -1.44 0.00	39.97 -1.24 0.00	36.42 -2.38 0.15	35.78 -2.05 0.06	32.78 -1.98 0.00	31.77 -1.99 0.00	31.43 -1.94 0.00	31.05 -1.91 0.00	33.01 -1.96 0.00	32.79 -1.94 0.00	35.53 -1.67 0.00	41.21 -2.11 -0.33	49.00 -2.47 -0.04	53.82 -2.07 0.00	54.03 -2.49 0.00	43.43 -1.90 0.00	37.66 -1.37 0.00	33.97 -0.73 0.00
STA_7___115KV_9TRANS 80674	32.32 1.21 0.00	25.99 -0.48 0.00	24.63 -0.66 0.00	24.04 -0.54 0.00	24.86 -0.38 0.00	28.08 -0.31 0.00	35.73 -1.26 0.00	40.22 -0.99 0.00	36.65 -2.14 0.15	36.05 -1.78 0.06	33.03 -1.74 0.00	32.01 -1.76 0.00	31.66 -1.70 0.00	31.28 -1.68 0.00	33.26 -1.71 0.00	33.03 -1.70 0.00	35.79 -1.41 0.00	41.47 -1.85 -0.33	49.36 -2.11 -0.04	54.15 -1.73 0.00	54.37 -2.15 0.00	43.74 -1.59 0.00	37.89 -1.13 0.00	34.18 -0.52 0.00
STA_82___115KV_TB1 80780	32.07 0.96 0.00	25.83 -0.64 0.00	24.50 -0.78 0.00	23.91 -0.66 0.00	24.71 -0.53 0.00	27.94 -0.45 0.00	35.55 -1.44 0.00	39.97 -1.24 0.00	36.47 -2.34 0.14	35.79 -2.05 0.06	32.78 -1.98 0.00	31.77 -1.99 0.00	31.43 -1.94 0.00	31.05 -1.91 0.00	33.01 -1.96 0.00	32.82 -1.91 0.00	35.53 -1.67 0.00	41.21 -2.11 -0.34	49.00 -2.47 -0.04	53.82 -2.07 0.00	54.03 -2.49 0.00	43.47 -1.86 0.00	37.66 -1.37 0.00	33.97 -0.73 0.00
STEEL___WIND 323596	31.57 0.47 0.00	25.17 -1.30 0.00	23.84 -1.44 0.00	23.30 -1.28 0.00	24.23 -1.01 0.00	27.25 -1.14 0.00	34.73 -2.26 0.00	39.19 -2.02 0.00	35.63 -2.69 0.62	34.22 -3.41 0.26	31.64 -3.13 0.00	30.73 -3.04 0.00	30.43 -2.94 0.00	29.90 -3.06 0.00	31.86 -3.11 0.00	31.71 -3.02 0.00	34.23 -2.98 0.00	39.15 -3.61 0.22	47.57 -3.91 -0.05	52.64 -3.24 0.00	52.78 -3.73 0.00	42.34 -2.99 0.00	36.95 -2.07 0.00	33.56 -1.14 0.00
STEPHTWN_115KV_BK_2 55603	32.04 0.93 0.00	27.42 0.95 0.00	26.22 0.94 0.00	25.46 0.88 0.00	26.17 0.93 0.00	29.41 1.02 0.00	38.36 1.37 0.00	42.82 1.61 0.00	40.50 1.56 0.00	39.41 1.52 0.00	36.16 1.39 0.00	35.08 1.32 0.00	34.70 1.33 0.00	34.31 1.35 0.00	36.40 1.43 0.00	36.29 1.56 0.00	38.81 1.60 0.00	48.10 1.89 -3.23	54.24 2.42 -0.39	58.35 2.46 0.00	59.06 2.54 0.00	47.19 1.86 0.00	40.39 1.37 0.00	35.81 1.11 0.00
STEBEN_REC_LFGE 323667	31.04 -0.06 0.00	25.30 -1.16 0.00	24.04 -1.24 0.00	23.47 -1.11 0.00	24.28 -0.96 0.00	27.57 -0.82 0.00	35.51 -1.48 0.00	39.93 -1.28 0.00	37.62 -2.45 -1.13	35.94 -2.43 -0.48	32.44 -2.33 0.00	31.40 -2.36 0.00	31.09 -2.27 0.00	30.72 -2.24 0.00	32.70 -2.27 0.00	32.68 -2.05 0.00	35.38 -1.82 0.00	43.12 -2.19 -2.33	50.10 -2.16 -0.83	55.83 -1.06 -1.00	56.36 -1.19 -1.03	44.85 -0.91 -0.43	38.72 -0.39 -0.09	34.70 0.00 0.00
STILLWATER___SOLAR 323814	32.75 1.65 0.00	27.97 1.51 0.00	26.75 1.47 0.00	25.98 1.40 0.00	26.72 1.49 0.00	30.04 1.65 0.00	39.25 2.26 0.00	43.81 2.60 0.00	41.36 2.42 0.00	40.20 2.31 0.00	36.78 2.02 0.00	35.62 1.86 0.00	35.16 1.80 0.00	34.74 1.78 0.00	36.89 1.92 0.00	36.78 2.05 0.00	39.40 2.19 0.00	48.92 2.62 -3.31	55.28 3.45 -0.40	59.52 3.63 0.00	60.30 3.79 0.00	48.23 2.90 0.00	41.29 2.26 0.00	36.50 1.80 0.00
STONY___BROOK 24151	34.00 2.89 0.00	29.09 2.62 0.00	27.58 2.30 0.00	26.76 2.19 0.00	27.51 2.27 0.00	31.03 2.64 0.00	40.80 3.70 -0.11	44.79 3.58 0.00	46.94 4.25 -3.76	42.35 4.36 -0.11	38.83 3.93 -0.14	37.72 3.85 -0.10	37.24 3.77 -0.11	37.11 3.89 -0.26	39.23 4.02 -0.24	39.61 4.17 -0.71	42.71 4.54 -0.96	52.73 5.33 -4.42	64.62 6.12 -7.07	108.76 6.42 -46.45	118.51 6.55 -55.44	55.12 4.90 -4.90	53.10 4.13 -9.94	38.24 3.54 0.00
STURGEON_POOL_HYD 23609	32.63 1.52 0.00	27.97 1.51 0.00	26.67 1.39 0.00	25.93 1.35 0.00	26.62 1.39 0.00	29.92 1.53 0.00	39.10 2.11 0.00	43.60 2.39 0.00	41.48 2.53 0.00	40.35 2.46 0.00	37.06 2.29 0.00	36.10 2.33 0.00	35.70 2.34 0.00	35.27 2.31 0.00	37.31 2.34 0.00	37.20 2.47 0.00	39.92 2.72 0.00	48.69 3.01 -2.70	55.41 3.65 -0.32	59.80 3.91 0.00	60.59 4.07 0.00	48.19 2.86 0.00	41.32 2.30 0.00	36.57 1.87 0.00

ST_LAW_115_BK7_LBMP 345037	13.99 -1.00 16.12	14.59 -0.77 11.10	10.25 -0.73 14.30	9.55 -0.71 14.32	9.72 -0.78 14.73	10.34 -0.94 17.12	14.13 -1.22 21.64	39.77 -1.44 0.00	16.33 -1.25 21.36	14.56 -1.21 22.12	13.31 -1.15 20.31	11.38 -1.11 21.27	7.45 -1.13 24.77	7.45 -1.12 24.39	7.48 -1.22 26.27	8.31 -1.22 25.21	11.39 -1.38 24.44	41.43 -1.55 0.01	49.48 -1.95 0.00	53.93 -1.96 0.00	54.54 -1.98 0.00	44.11 -1.22 0.00	38.20 -0.82 0.00	33.87 -0.83 0.00
ST_LAW_115_BK8_LBMP 345038	13.99 -1.00 16.12	14.59 -0.77 11.10	10.25 -0.73 14.30	9.55 -0.71 14.32	9.72 -0.78 14.73	10.34 -0.94 17.12	14.13 -1.22 21.64	39.77 -1.44 0.00	16.33 -1.25 21.36	14.56 -1.21 22.12	13.31 -1.15 20.31	11.38 -1.11 21.27	7.45 -1.13 24.77	7.45 -1.12 24.39	7.48 -1.22 26.27	8.31 -1.22 25.21	11.39 -1.38 24.44	41.43 -1.55 0.01	49.48 -1.95 0.00	53.93 -1.96 0.00	54.54 -1.98 0.00	44.11 -1.22 0.00	38.20 -0.82 0.00	33.87 -0.83 0.00
ST_LAW_230_BK5_LBMP 345035	13.71 -0.93 16.46	14.39 -0.74 11.34	10.00 -0.68 14.60	9.27 -0.69 14.62	9.44 -0.76 15.04	10.00 -0.91 17.48	13.75 -1.15 22.10	39.06 -1.36 0.79	15.96 -1.17 21.81	14.17 -1.14 22.58	12.95 -1.08 20.74	11.00 -1.05 21.72	7.00 -1.07 25.29	7.00 -1.06 24.91	7.00 -1.15 26.82	7.85 -1.15 25.74	10.95 -1.30 24.96	41.51 -1.46 0.01	49.58 -1.85 0.00	54.04 -1.84 0.00	54.65 -1.86 0.00	44.20 -1.13 0.00	38.24 -0.78 0.00	33.90 -0.80 0.00
ST_LAW_230_BK6_LBMP 345036	13.71 -0.93 16.46	14.39 -0.74 11.34	10.00 -0.68 14.60	9.27 -0.69 14.62	9.44 -0.76 15.04	10.00 -0.91 17.48	13.75 -1.15 22.10	39.06 -1.36 0.79	15.96 -1.17 21.81	14.17 -1.14 22.58	12.95 -1.08 20.74	11.00 -1.05 21.72	7.00 -1.07 25.29	7.00 -1.06 24.91	7.00 -1.15 26.82	7.85 -1.15 25.74	10.95 -1.30 24.96	41.51 -1.46 0.01	49.58 -1.85 0.00	54.04 -1.84 0.00	54.65 -1.86 0.00	44.20 -1.13 0.00	38.24 -0.78 0.00	33.90 -0.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.50 1.40 0.00	27.87 1.40 0.00	26.55 1.26 0.00	25.81 1.23 0.00	26.52 1.29 0.00	29.81 1.42 0.00	38.91 1.92 0.00	43.39 2.18 0.00	41.24 2.30 0.00	40.16 2.27 0.00	36.92 2.16 0.00	35.96 2.19 0.00	35.56 2.20 0.00	35.17 2.21 0.00	37.24 2.27 0.00	37.09 2.36 0.00	39.81 2.60 0.00	48.46 3.01 -2.47	55.17 3.45 -0.30	59.57 3.69 0.00	60.36 3.84 0.00	48.05 2.72 0.00	41.17 2.15 0.00	36.43 1.73 0.00
SWANROAD_115KV_TB1 355699	30.98 -0.12 0.00	24.72 -1.75 0.00	23.41 -1.87 0.00	22.86 -1.72 0.00	23.65 -1.59 0.00	26.74 -1.65 0.00	33.77 -3.22 0.00	38.00 -3.21 0.00	34.60 -3.86 0.49	33.44 -4.24 0.21	30.84 -3.93 0.00	29.82 -3.95 0.00	29.49 -3.87 0.00	29.17 -3.79 0.00	31.05 -3.92 0.00	30.88 -3.86 0.00	33.38 -3.83 0.00	38.29 -4.60 0.09	45.98 -5.50 -0.05	51.02 -4.86 0.00	51.15 -5.37 0.00	41.02 -4.31 0.00	35.94 -3.08 0.00	32.69 -2.01 0.00
SYNERGY___BIOGAS 323694	32.41 1.31 0.00	25.72 -0.74 0.00	24.37 -0.91 0.00	23.79 -0.79 0.00	24.63 -0.61 0.00	27.85 -0.54 0.00	35.33 -1.66 0.00	39.81 -1.40 0.00	36.08 -2.49 0.37	35.20 -2.54 0.16	32.33 -2.43 0.00	31.27 -2.50 0.00	30.89 -2.47 0.00	30.52 -2.44 0.00	32.49 -2.48 0.00	32.30 -2.43 0.00	34.94 -2.27 0.00	40.13 -2.88 -0.03	48.24 -3.24 -0.05	53.37 -2.51 0.00	53.46 -3.05 0.00	43.06 -2.27 0.00	37.50 -1.52 0.00	33.97 -0.73 0.00
SYRACUSE___ENERGY_ST1 323597	31.01 -0.09 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.26 -0.26 -1.54	54.24 -0.31 -3.12	59.74 -0.22 -4.07	60.38 -0.34 -4.20	46.79 -0.27 -1.73	39.18 -0.20 -0.35	34.66 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	31.01 -0.09 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.74 -0.15 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	37.02 -0.19 0.00	44.26 -0.26 -1.54	54.24 -0.31 -3.12	59.74 -0.22 -4.07	60.38 -0.34 -4.20	46.79 -0.27 -1.73	39.18 -0.20 -0.35	34.66 -0.03 0.00
SYRACUSE___POWER 24017	30.98 -0.12 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.78 -0.11 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.20 -0.17 0.00	32.80 -0.16 0.00	34.80 -0.17 0.00	34.49 -0.24 0.00	37.02 -0.19 0.00	43.92 -0.26 -1.20	53.32 -0.36 -2.25	58.52 -0.28 -2.92	59.18 -0.34 -3.01	46.25 -0.32 -1.24	39.04 -0.23 -0.25	34.63 -0.07 0.00
TALLMAN__138KV_BK151 55660	32.72 1.62 0.00	28.08 1.61 0.00	26.72 1.44 0.00	25.98 1.40 0.00	26.73 1.49 0.00	30.04 1.65 0.00	39.21 2.22 0.00	43.72 2.51 0.00	41.59 2.65 0.00	40.54 2.65 0.00	37.27 2.50 0.00	36.33 2.57 0.00	35.93 2.57 0.00	35.53 2.57 0.00	37.66 2.69 0.00	37.51 2.78 0.00	40.26 3.05 0.00	49.05 3.52 -2.54	55.75 4.01 -0.31	60.13 4.25 0.00	60.87 4.35 0.00	48.41 3.08 0.00	41.48 2.46 0.00	36.68 1.98 0.00
TEALLAVE_115KV_TB7 355573	30.92 -0.19 0.00	26.25 -0.21 0.00	25.08 -0.20 0.00	24.38 -0.20 0.00	25.03 -0.20 0.00	28.22 -0.17 0.00	36.84 -0.15 0.00	41.05 -0.16 0.00	38.71 -0.23 0.00	37.70 -0.19 0.00	34.56 -0.21 0.00	33.53 -0.24 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.76 -0.21 0.00	34.45 -0.28 0.00	36.95 -0.26 0.00	43.67 -0.39 -1.08	52.98 -0.51 -2.06	58.12 -0.45 -2.68	58.71 -0.57 -2.76	46.01 -0.45 -1.14	38.90 -0.35 -0.23	34.56 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	31.79 0.68 0.00	25.30 -1.16 0.00	23.97 -1.31 0.00	23.40 -1.18 0.00	24.23 -1.01 0.00	27.40 -0.99 0.00	34.66 -2.33 0.00	39.07 -2.14 0.00	35.40 -3.12 0.42	34.45 -3.26 0.18	31.71 -3.06 0.00	30.66 -3.11 0.00	30.33 -3.04 0.00	30.00 -2.97 0.00	31.89 -3.08 0.00	31.74 -2.99 0.00	34.31 -2.90 0.00	39.39 -3.57 0.03	47.31 -4.17 -0.05	52.48 -3.41 0.00	52.56 -3.96 0.00	42.20 -3.13 0.00	36.88 -2.15 0.00	33.49 -1.21 0.00
TEMPLE___115KV_TB 2 55572	30.95 -0.16 0.00	26.28 -0.19 0.00	25.11 -0.18 0.00	24.40 -0.17 0.00	25.06 -0.18 0.00	28.25 -0.14 0.00	36.88 -0.11 0.00	41.05 -0.16 0.00	38.71 -0.23 0.00	37.74 -0.15 0.00	34.56 -0.21 0.00	33.56 -0.20 0.00	33.16 -0.20 0.00	32.76 -0.20 0.00	34.80 -0.17 0.00	34.45 -0.28 0.00	36.95 -0.26 0.00	43.67 -0.39 -1.07	52.96 -0.51 -2.04	58.15 -0.39 -2.65	58.74 -0.51 -2.74	46.00 -0.45 -1.13	38.94 -0.31 -0.23	34.56 -0.14 0.00
TIANA____69_KV_BK 1 55817	34.40 3.30 0.00	29.40 2.94 0.00	27.86 2.58 0.00	27.03 2.46 0.00	27.81 2.57 0.00	31.34 2.95 0.00	41.50 4.44 -0.07	45.99 4.78 0.00	46.61 4.95 -2.72	42.85 4.89 -0.07	39.39 4.48 -0.14	38.29 4.42 -0.10	37.57 4.10 -0.11	37.40 4.19 -0.25	39.58 4.37 -0.23	39.97 4.55 -0.69	43.12 4.99 -0.93	53.23 5.89 -4.36	63.94 7.05 -5.46	97.31 7.60 -33.83	104.54 7.69 -40.34	54.87 5.76 -3.79	51.16 4.68 -7.45	38.76 4.06 0.00

TILDEN___115KV_TB1 80814	30.98 -0.12 0.00	26.31 -0.16 0.00	25.13 -0.15 0.00	24.43 -0.15 0.00	25.08 -0.15 0.00	28.28 -0.11 0.00	36.92 -0.07 0.00	41.13 -0.08 0.00	38.75 -0.19 0.00	37.78 -0.11 0.00	34.59 -0.17 0.00	33.56 -0.20 0.00	33.20 -0.17 0.00	32.80 -0.16 0.00	34.80 -0.17 0.00	34.49 -0.24 0.00	37.02 -0.19 0.00	43.92 -0.26 -1.20	53.32 -0.36 -2.25	58.52 -0.28 -2.92	59.18 -0.34 -3.01	46.25 -0.32 -1.24	39.04 -0.23 -0.25	34.63 -0.07 0.00
TRIGEN___CC 323695	33.34 2.24 0.00	28.53 2.06 0.00	27.10 1.82 0.00	26.32 1.74 0.00	27.05 1.82 0.00	30.49 2.10 0.00	40.10 3.11 0.00	44.59 3.38 0.00	42.56 3.58 -0.03	41.49 3.60 0.00	38.59 3.30 -0.52	37.48 3.34 -0.37	37.10 3.34 -0.41	37.25 3.33 -0.96	39.35 3.50 -0.89	40.94 3.58 -2.63	44.67 3.87 -3.60	56.73 4.51 -9.23	60.79 5.19 -4.16	64.04 5.53 -2.62	64.76 5.65 -2.59	52.99 4.03 -3.63	46.38 3.36 -4.00	37.53 2.81 -0.02
TRINITY___115KV___4 BK 55933	31.82 0.72 0.00	27.26 0.79 0.00	26.07 0.78 0.00	25.31 0.74 0.00	25.99 0.76 0.00	29.21 0.82 0.00	38.10 1.11 0.00	42.45 1.24 0.00	40.19 1.25 0.00	39.10 1.21 0.00	35.95 1.18 0.00	34.91 1.15 0.00	34.50 1.13 0.00	34.08 1.12 0.00	36.16 1.19 0.00	36.02 1.29 0.00	38.51 1.30 0.00	47.72 1.50 -3.24	53.67 1.85 -0.39	57.73 1.84 0.00	58.44 1.92 0.00	46.73 1.41 0.00	40.04 1.01 0.00	35.50 0.80 0.00
UNION___PROCESSING_DRP 323587	32.07 0.96 0.00	25.86 -0.61 0.00	24.52 -0.76 0.00	23.91 -0.66 0.00	24.73 -0.50 0.00	27.94 -0.45 0.00	35.55 -1.44 0.00	39.97 -1.24 0.00	36.46 -2.34 0.14	35.78 -2.05 0.06	32.78 -1.98 0.00	31.81 -1.96 0.00	31.43 -1.94 0.00	31.08 -1.88 0.00	33.01 -1.96 0.00	32.82 -1.91 0.00	35.53 -1.67 0.00	41.21 -2.11 -0.34	49.05 -2.42 -0.04	53.82 -2.07 0.00	54.03 -2.49 0.00	43.47 -1.86 0.00	37.66 -1.37 0.00	33.97 -0.73 0.00
UPPER HUDSON___HYD 24058	32.91 1.80 0.00	28.08 1.61 0.00	26.88 1.59 0.00	26.08 1.50 0.00	26.85 1.62 0.00	30.21 1.82 0.00	39.51 2.52 0.00	44.14 2.93 0.00	41.71 2.77 0.00	40.54 2.65 0.00	36.96 2.19 0.00	35.76 1.99 0.00	35.30 1.93 0.00	34.87 1.91 0.00	37.03 2.06 0.00	36.96 2.22 0.00	39.63 2.42 0.00	49.23 2.92 -3.33	55.79 3.96 -0.40	60.02 4.14 0.00	60.98 4.46 0.00	48.73 3.40 0.00	41.71 2.69 0.00	36.89 2.19 0.00
UPPER RAQUET___HYD 24056	16.56 -1.74 12.80	16.25 -1.40 8.81	12.64 -1.29 11.35	11.96 -1.25 11.37	12.18 -1.36 11.70	13.21 -1.59 13.59	17.82 -2.00 17.18	45.06 -2.35 -6.19	19.92 -2.03 17.00	18.21 -2.08 17.60	16.58 -2.02 16.16	14.85 -1.99 16.93	11.65 -2.00 19.71	11.58 -1.98 19.41	11.94 -2.13 20.90	12.59 -2.08 20.06	15.42 -2.34 19.45	40.71 -2.49 -0.22	48.86 -3.14 -0.56	53.39 -3.24 -0.75	54.01 -3.28 -0.77	43.70 -1.95 -0.32	37.72 -1.37 -0.06	33.21 -1.49 0.00
VALLEY44_115KV_TB2 355964	31.38 0.28 0.00	25.33 -1.14 0.00	23.94 -1.34 0.00	23.42 -1.16 0.00	24.28 -0.96 0.00	27.43 -0.97 0.00	34.88 -2.11 0.00	39.36 -1.85 0.00	35.65 -3.08 0.22	34.61 -3.18 0.09	31.91 -2.85 0.00	30.90 -2.87 0.00	30.59 -2.77 0.00	30.19 -2.77 0.00	32.21 -2.76 0.00	31.95 -2.78 0.00	34.64 -2.57 0.00	39.71 -3.48 -0.21	47.43 -4.06 -0.06	52.92 -2.96 0.00	53.13 -3.39 0.00	42.56 -2.77 0.00	37.07 -1.95 0.00	33.49 -1.21 0.00
VALLEY___115KV_TB 1-4 80826	31.47 -0.72 -1.08	26.65 -0.56 -0.74	25.74 -0.51 -0.96	25.07 -0.47 -0.96	25.77 -0.45 -0.99	29.11 -0.43 -1.15	37.96 -0.48 -1.45	40.72 -0.49 0.00	40.04 -0.35 -1.45	39.01 -0.38 -1.50	35.83 -0.31 -1.38	34.87 -0.34 -1.44	34.58 -0.47 -1.68	34.06 -0.56 -1.65	36.12 -0.63 -1.78	35.82 -0.63 -1.71	38.12 -0.74 -1.66	42.12 -0.86 0.00	50.45 -0.98 0.00	54.82 -1.06 0.00	55.61 -0.90 0.00	44.60 -0.73 0.00	38.40 -0.62 0.00	34.18 -0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.56 1.46 0.00	27.63 1.16 0.00	26.45 1.16 0.00	25.73 1.16 0.00	26.45 1.21 0.00	29.81 1.42 0.00	38.88 1.89 0.00	43.48 2.27 0.00	41.13 2.18 0.00	39.86 1.97 0.00	36.57 1.81 0.00	35.45 1.69 0.00	35.00 1.63 0.00	34.54 1.58 0.00	36.61 1.64 0.00	36.54 1.81 0.00	39.33 2.12 0.00	46.91 2.54 -1.39	55.07 2.98 -0.66	59.75 3.19 -0.68	60.49 3.28 -0.70	48.16 2.54 -0.29	41.23 2.15 -0.06	36.47 1.77 0.00
VISCHER___FERRY HYD 24020	32.53 1.43 0.00	27.81 1.35 0.00	26.60 1.31 0.00	25.83 1.25 0.00	26.55 1.31 0.00	29.87 1.48 0.00	39.02 2.03 0.00	43.52 2.31 0.00	41.12 2.18 0.00	39.97 2.08 0.00	36.68 1.91 0.00	35.59 1.82 0.00	35.10 1.73 0.00	34.68 1.71 0.00	36.79 1.82 0.00	36.64 1.91 0.00	39.18 1.97 0.00	48.48 2.23 -3.27	54.70 2.88 -0.39	58.79 2.90 0.00	59.51 2.99 0.00	47.64 2.31 0.00	40.78 1.76 0.00	36.02 1.32 0.00
V_A_10_SYNC_DSASP 323832	31.51 0.40 0.00	25.33 -1.14 0.00	24.02 -1.26 0.00	23.45 -1.13 0.00	24.33 -0.91 0.00	27.40 -0.99 0.00	34.84 -2.15 0.00	39.23 -1.98 0.00	36.06 -2.53 0.36	34.63 -3.11 0.15	31.84 -2.92 0.00	30.96 -2.80 0.00	30.66 -2.70 0.00	30.16 -2.80 0.00	32.07 -2.90 0.00	31.88 -2.85 0.00	34.53 -2.68 0.00	39.75 -3.27 -0.04	47.72 -3.75 -0.04	52.53 -3.35 0.00	52.67 -3.85 0.00	42.29 -3.04 0.00	36.80 -2.22 0.00	33.42 -1.28 0.00
V_CMM_10_SYNC_DSASP 323787	14.24 -0.75 16.12	14.78 -0.58 11.10	10.45 -0.53 14.30	9.74 -0.52 14.32	9.93 -0.58 14.73	10.53 -0.74 17.12	14.43 -0.92 21.64	40.10 -1.11 0.00	16.64 -0.94 21.36	14.86 -0.91 22.12	13.55 -0.90 20.31	11.62 -0.88 21.27	7.72 -0.87 24.77	7.71 -0.86 24.39	7.80 -0.91 26.27	8.59 -0.94 25.21	11.69 -1.08 24.44	41.60 -1.38 0.01	49.68 -1.75 0.00	54.15 -1.73 0.00	54.76 -1.75 0.00	44.33 -1.00 0.00	38.40 -0.63 0.00	34.01 -0.69 0.00
V_CMP_10_SYNC_DSASP 323788	14.09 -1.03 15.98	14.66 -0.79 11.01	10.32 -0.78 14.18	9.52 -0.86 14.20	9.57 -1.06 14.61	10.05 -1.36 16.97	13.76 -1.77 21.46	0.34 -2.06 38.81	16.11 -1.40 21.43	14.34 -1.36 22.19	13.03 -1.36 20.38	11.04 -1.39 21.34	7.04 -1.47 24.85	6.98 -1.52 24.47	7.40 -1.22 26.35	8.19 -1.25 25.29	10.79 -1.90 24.52	40.95 -2.02 0.01	49.12 -2.31 0.00	53.71 -2.18 0.00	54.48 -2.03 0.00	44.15 -1.18 0.00	38.44 -0.58 0.00	34.08 -0.62 0.00
V_D_10_SYNC_DSASP 323841	14.70 -0.81 15.59	15.12 -0.61 10.74	10.90 -0.56 13.83	10.19 -0.54 13.85	10.36 -0.63 14.25	11.07 -0.77 16.56	15.10 -0.96 20.93	41.30 -1.15 -1.24	17.30 -0.97 20.67	15.51 -0.99 21.40	14.14 -0.97 19.65	12.24 -0.95 20.58	8.43 -0.97 23.97	8.41 -0.96 23.60	8.54 -1.02 25.41	9.33 -1.01 24.39	12.37 -1.19 23.65	41.68 -1.29 0.01	49.63 -1.80 0.00	54.10 -1.79 0.00	54.71 -1.81 0.00	44.47 -0.86 0.00	38.59 -0.43 0.00	34.14 -0.56 0.00
V_E_10_SYNC_DSASP 323830	33.59 2.49 0.00	28.29 1.82 0.00	27.10 1.82 0.00	26.44 1.87 0.00	27.33 2.09 0.00	31.09 2.70 0.00	40.80 3.81 0.00	45.66 4.45 0.00	42.96 4.01 0.00	40.77 2.88 0.00	37.20 2.43 0.00	35.83 2.06 0.00	35.26 1.90 0.00	34.74 1.78 0.00	37.03 2.06 0.00	36.36 1.63 0.00	39.40 2.19 0.00	47.44 2.96 -1.50	56.58 3.96 -1.18	61.77 4.47 -1.41	62.38 4.41 -1.45	49.42 3.49 -0.60	42.11 2.96 -0.12	37.23 2.53 0.00

V_F_30_NSYNC___DSASP 323816	32.78 1.68 0.00	27.97 1.51 0.00	26.77 1.49 0.00	25.98 1.40 0.00	26.72 1.49 0.00	30.07 1.67 0.00	39.25 2.26 0.00	43.81 2.60 0.00	41.40 2.45 0.00	40.24 2.35 0.00	36.85 2.09 0.00	35.69 1.92 0.00	35.23 1.87 0.00	34.81 1.84 0.00	36.96 1.99 0.00	36.85 2.12 0.00	39.48 2.27 0.00	48.97 2.67 -3.32	55.33 3.50 -0.40	59.57 3.69 0.00	60.36 3.85 0.00	48.27 2.94 0.00	41.36 2.34 0.00	36.57 1.87 0.00
V_F_30_SYNC_DSASP 323786	31.88 0.78 0.00	27.29 0.82 0.00	26.09 0.81 0.00	25.34 0.76 0.00	26.04 0.81 0.00	29.27 0.88 0.00	38.14 1.15 0.00	42.53 1.32 0.00	40.27 1.32 0.00	39.18 1.29 0.00	36.02 1.25 0.00	34.98 1.22 0.00	34.56 1.20 0.00	34.15 1.19 0.00	36.26 1.29 0.00	36.12 1.39 0.00	38.62 1.41 0.00	47.87 1.63 -3.26	53.88 2.06 -0.39	57.90 2.01 0.00	58.61 2.09 0.00	46.87 1.54 0.00	40.15 1.13 0.00	35.60 0.90 0.00
V_XM_10_SYNC_DSASP 323789	14.09 -1.03 15.98	14.66 -0.79 11.01	10.32 -0.78 14.18	9.52 -0.86 14.20	9.57 -1.06 14.61	10.05 -1.36 16.97	13.76 -1.77 21.46	0.34 -2.06 38.81	16.11 -1.40 21.43	14.34 -1.36 22.19	13.03 -1.36 20.38	11.04 -1.39 21.34	7.04 -1.47 24.85	6.98 -1.52 24.47	7.40 -1.22 26.35	8.19 -1.25 25.29	10.79 -1.90 24.52	40.95 -2.02 0.01	49.12 -2.31 0.00	53.71 -2.18 0.00	54.48 -2.03 0.00	44.15 -1.18 0.00	38.44 -0.58 0.00	34.08 -0.62 0.00
W.BABYLN_69_KV_BK1 56697	33.96 2.86 0.00	29.03 2.57 0.00	27.56 2.28 0.00	26.74 2.16 0.00	27.51 2.27 0.00	31.03 2.64 0.00	40.92 3.92 -0.01	45.45 4.24 0.00	43.74 4.40 -0.39	42.29 4.40 -0.01	39.13 4.03 -0.33	38.02 4.02 -0.24	37.46 3.84 -0.26	37.47 3.89 -0.62	39.57 4.02 -0.58	40.68 4.20 -1.75	44.02 4.43 -2.38	55.15 5.16 -7.01	60.88 6.02 -3.43	68.64 6.48 -6.27	70.28 6.61 -7.15	53.02 4.90 -2.79	46.40 3.98 -3.40	38.25 3.54 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.78 1.68 0.00	28.13 1.67 0.00	26.77 1.49 0.00	26.03 1.45 0.00	26.78 1.54 0.00	30.09 1.70 0.00	39.28 2.29 0.00	43.85 2.64 0.00	41.71 2.77 0.00	40.66 2.77 0.00	37.37 2.61 0.00	36.40 2.63 0.00	36.00 2.64 0.00	35.60 2.64 0.00	37.73 2.76 0.00	37.58 2.85 0.00	40.33 3.13 0.00	49.16 3.61 -2.57	55.85 4.11 -0.31	60.30 4.42 0.00	61.04 4.52 0.00	48.50 3.17 0.00	41.56 2.54 0.00	36.78 2.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.06 1.96 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.25 1.67 0.00	26.98 1.74 0.00	30.29 1.90 0.00	39.65 2.66 0.00	44.22 3.01 0.00	42.18 3.23 0.00	41.19 3.30 0.00	37.86 3.09 0.00	36.97 3.21 0.00	36.53 3.17 0.00	36.16 3.20 0.00	38.33 3.36 0.00	38.21 3.47 -0.01	40.98 3.72 -0.06	49.93 4.30 -2.65	56.58 4.83 -0.32	61.03 5.14 0.00	61.66 5.14 0.00	48.96 3.63 0.00	41.99 2.97 0.00	37.13 2.43 0.00
W50THST__13_KV_LOAD 356117	33.25 2.15 0.00	28.50 2.04 0.00	27.13 1.85 0.00	26.37 1.79 0.00	27.10 1.87 0.00	30.46 2.07 0.00	39.88 2.89 0.00	44.51 3.30 0.00	42.45 3.50 0.00	41.45 3.56 0.00	38.14 3.37 0.00	37.24 3.48 0.00	36.77 3.40 0.00	36.39 3.43 0.00	38.57 3.60 0.00	38.49 3.75 -0.01	41.28 4.02 -0.06	50.27 4.64 -2.65	57.00 5.25 -0.32	61.36 5.48 0.00	62.00 5.48 0.00	49.27 3.94 0.00	42.18 3.16 0.00	37.34 2.64 0.00
WADING RIVER_IC_1 23522	34.21 3.11 0.00	29.24 2.78 0.00	27.73 2.45 0.00	26.91 2.34 0.00	27.68 2.45 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	45.00 3.79 0.00	46.19 4.52 -2.73	42.52 4.54 -0.08	38.97 4.07 -0.14	37.85 3.98 -0.10	37.34 3.87 -0.11	37.23 4.02 -0.25	39.36 4.16 -0.23	39.76 4.34 -0.69	42.86 4.73 -0.93	52.92 5.59 -4.35	63.48 6.58 -5.46	96.72 6.98 -33.85	104.01 7.12 -40.37	54.42 5.30 -3.78	50.93 4.45 -7.46	38.52 3.82 0.00
WADING RIVER_IC_2 23547	34.21 3.11 0.00	29.24 2.78 0.00	27.73 2.45 0.00	26.91 2.34 0.00	27.68 2.45 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	45.00 3.79 0.00	46.19 4.52 -2.73	42.52 4.54 -0.08	38.97 4.07 -0.14	37.85 3.98 -0.10	37.34 3.87 -0.11	37.23 4.02 -0.25	39.36 4.16 -0.23	39.76 4.34 -0.69	42.86 4.73 -0.93	52.92 5.59 -4.35	63.48 6.58 -5.46	96.72 6.98 -33.85	104.01 7.12 -40.37	54.42 5.30 -3.78	50.93 4.45 -7.46	38.52 3.82 0.00
WADING RIVER_IC_3 23601	34.21 3.11 0.00	29.24 2.78 0.00	27.73 2.45 0.00	26.91 2.34 0.00	27.68 2.45 0.00	31.17 2.78 0.00	40.99 3.92 -0.08	45.00 3.79 0.00	46.19 4.52 -2.73	42.52 4.54 -0.08	38.97 4.07 -0.14	37.85 3.98 -0.10	37.34 3.87 -0.11	37.23 4.02 -0.25	39.36 4.16 -0.23	39.76 4.34 -0.69	42.86 4.73 -0.93	52.92 5.59 -4.35	63.48 6.58 -5.46	96.72 6.98 -33.85	104.01 7.12 -40.37	54.42 5.30 -3.78	50.93 4.45 -7.46	38.52 3.82 0.00
WALDENNY_12_KV_BK2 80841	31.66 0.56 0.00	25.20 -1.27 0.00	23.87 -1.42 0.00	23.32 -1.25 0.00	24.13 -1.11 0.00	27.28 -1.11 0.00	34.59 -2.40 0.00	39.03 -2.18 0.00	34.99 -3.35 0.61	34.30 -3.33 0.26	31.71 -3.06 0.00	30.66 -3.11 0.00	30.33 -3.04 0.00	29.96 -3.00 0.00	31.93 -3.04 0.00	31.74 -2.99 0.00	34.27 -2.94 0.00	39.21 -3.57 0.21	47.32 -4.17 -0.05	52.64 -3.24 0.00	52.79 -3.73 0.00	42.29 -3.04 0.00	36.99 -2.03 0.00	33.55 -1.15 0.00
WALDEN__HYDRO 24148	32.60 1.49 0.00	27.95 1.48 0.00	26.65 1.37 0.00	25.90 1.33 0.00	26.62 1.39 0.00	29.92 1.53 0.00	39.10 2.11 0.00	43.60 2.39 0.00	41.44 2.49 0.00	40.32 2.43 0.00	37.02 2.26 0.00	36.06 2.30 0.00	35.66 2.30 0.00	35.24 2.27 0.00	37.31 2.34 0.00	37.20 2.47 0.00	39.92 2.72 0.00	48.73 3.18 -2.56	55.44 3.70 -0.31	59.80 3.91 0.00	60.64 4.13 0.00	48.23 2.90 0.00	41.36 2.34 0.00	36.61 1.91 0.00
WARRENSBURG____ 23737	32.91 1.80 0.00	28.08 1.61 0.00	26.88 1.59 0.00	26.08 1.50 0.00	26.85 1.62 0.00	30.21 1.82 0.00	39.51 2.52 0.00	44.14 2.93 0.00	41.71 2.77 0.00	40.54 2.65 0.00	36.95 2.19 0.00	35.76 1.99 0.00	35.30 1.94 0.00	34.87 1.91 0.00	37.03 2.06 0.00	36.95 2.22 0.00	39.63 2.42 0.00	49.24 2.92 -3.33	55.74 3.91 -0.40	60.02 4.14 0.00	61.04 4.52 0.00	48.73 3.40 0.00	41.72 2.69 0.00	36.89 2.19 0.00
WATERSIDE____6 8 9 23538	33.00 1.90 0.00	28.37 1.91 0.00	27.00 1.72 0.00	26.22 1.65 0.00	26.95 1.72 0.00	30.24 1.85 0.00	39.58 2.59 0.00	44.18 2.97 0.00	42.14 3.19 0.00	41.15 3.26 0.00	37.82 3.06 0.00	36.94 3.17 0.00	36.56 3.20 0.01	36.22 3.26 0.01	38.35 3.39 0.01	38.24 3.51 0.00	41.05 3.80 -0.05	49.97 4.34 -2.64	55.70 4.83 0.57	60.22 5.25 0.92	60.89 5.26 0.88	48.91 3.58 0.00	41.94 2.93 0.01	37.09 2.39 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.78 -0.40 -1.08	26.89 -0.32 -0.74	25.96 -0.28 -0.96	25.29 -0.25 -0.96	26.00 -0.23 -0.99	29.31 -0.23 -1.15	38.22 -0.22 -1.45	41.00 -0.21 0.00	40.28 -0.12 -1.45	39.24 -0.15 -1.50	36.04 -0.10 -1.38	35.07 -0.14 -1.44	34.81 -0.23 -1.68	34.35 -0.26 -1.65	36.44 -0.31 -1.78	36.13 -0.31 -1.71	38.49 -0.37 -1.66	42.51 -0.47 0.00	50.92 -0.51 0.00	55.33 -0.56 0.00	56.06 -0.45 0.00	44.97 -0.36 0.00	38.67 -0.35 0.00	34.39 -0.31 0.00

WDELAWARE___HYD 323627	32.87 1.77 0.00	28.13 1.67 0.00	26.85 1.57 0.00	26.10 1.52 0.00	26.83 1.59 0.00	30.23 1.84 0.00	39.47 2.48 0.00	44.05 2.84 0.00	41.83 2.88 0.00	40.66 2.76 0.00	37.20 2.43 0.00	36.13 2.36 0.00	35.66 2.30 0.00	35.20 2.24 0.00	37.24 2.27 0.00	37.16 2.43 0.00	39.96 2.75 0.00	48.65 3.31 -2.36	55.62 3.91 -0.28	60.02 4.14 0.00	60.87 4.35 0.00	48.45 3.13 0.00	41.64 2.61 0.00	36.85 2.15 0.00
WEST BABYLON___IC 23714	33.96 2.86 0.00	29.03 2.57 0.00	27.56 2.28 0.00	26.74 2.16 0.00	27.51 2.27 0.00	31.03 2.64 0.00	40.92 3.92 -0.01	45.45 4.24 0.00	43.74 4.40 -0.39	42.29 4.40 -0.01	39.13 4.03 -0.33	38.02 4.02 -0.24	37.46 3.84 -0.26	37.47 3.89 -0.62	39.57 4.02 -0.58	40.68 4.20 -1.75	44.02 4.43 -2.38	55.15 5.16 -7.01	60.88 6.02 -3.43	68.64 6.48 -6.27	70.28 6.61 -7.15	53.02 4.90 -2.79	46.40 3.98 -3.40	38.25 3.54 -0.01
WEST CANADA___HYD 24049	32.28 0.09 -1.08	27.29 0.08 -0.74	26.34 0.10 -0.96	25.64 0.10 -0.96	26.33 0.10 -0.99	29.68 0.14 -1.15	38.63 0.19 -1.45	41.42 0.21 0.00	40.63 0.24 -1.45	39.58 0.19 -1.50	36.35 0.21 -1.38	35.38 0.17 -1.44	35.21 0.17 -1.68	34.78 0.17 -1.65	36.93 0.18 -1.78	36.65 0.21 -1.71	39.05 0.19 -1.66	43.16 0.17 0.00	51.64 0.21 0.00	56.11 0.22 0.00	56.74 0.23 0.00	45.47 0.14 0.00	39.10 0.08 0.00	34.77 0.07 0.00
WESTERN_NY_WIND 24143	32.35 1.24 0.00	25.67 -0.79 0.00	24.32 -0.96 0.00	23.74 -0.84 0.00	24.61 -0.63 0.00	27.82 -0.57 0.00	35.25 -1.74 0.00	39.73 -1.48 0.00	36.02 -2.53 0.39	35.11 -2.61 0.16	32.26 -2.50 0.00	31.20 -2.57 0.00	30.83 -2.54 0.00	30.46 -2.51 0.00	32.42 -2.55 0.00	32.23 -2.50 0.00	34.86 -2.34 0.00	40.07 -2.92 -0.01	48.14 -3.34 -0.05	53.32 -2.57 0.00	53.41 -3.11 0.00	42.97 -2.36 0.00	37.42 -1.60 0.00	33.94 -0.76 0.00
WESTOVER___LESR 323668	31.60 0.50 0.00	26.60 0.13 0.00	25.33 0.05 0.00	24.68 0.10 0.00	25.39 0.15 0.00	28.65 0.26 0.00	37.14 0.15 0.00	41.54 0.33 0.00	38.87 -0.08 0.00	37.82 -0.08 0.00	34.66 -0.10 0.00	33.63 -0.14 0.00	33.26 -0.10 0.00	32.86 -0.10 0.00	34.90 -0.07 0.00	34.70 -0.03 0.00	37.32 0.11 0.00	44.34 0.04 -1.31	52.64 0.05 -1.16	57.72 0.45 -1.39	58.29 0.34 -1.43	46.10 0.18 -0.59	39.38 0.23 -0.12	35.05 0.35 0.00
WETHRSFD_WT_PWR 323626	30.89 -0.22 0.00	24.93 -1.54 0.00	23.64 -1.64 0.00	23.10 -1.47 0.00	23.98 -1.26 0.00	27.09 -1.31 0.00	34.73 -2.26 0.00	39.11 -2.10 0.00	34.15 -2.92 1.87	33.66 -3.45 0.79	31.64 -3.13 0.00	30.69 -3.07 0.00	30.36 -3.00 0.00	29.90 -3.06 0.00	31.82 -3.15 0.00	31.85 -2.88 0.00	34.46 -2.75 0.00	37.89 -3.40 1.70	47.99 -3.50 -0.06	53.26 -2.63 0.00	53.58 -2.94 0.00	42.97 -2.36 0.00	37.39 -1.64 0.00	33.80 -0.90 0.00
WHAVSTOR_138KV_BK127 55557	32.69 1.59 0.00	28.05 1.59 0.00	26.72 1.44 0.00	25.98 1.40 0.00	26.70 1.46 0.00	30.01 1.62 0.00	39.17 2.18 0.00	43.68 2.47 0.00	41.55 2.61 0.00	40.51 2.61 0.00	37.27 2.50 0.00	36.30 2.53 0.00	35.90 2.54 0.00	35.53 2.57 0.00	37.63 2.66 0.00	37.47 2.74 0.00	40.22 3.01 0.00	49.04 3.48 -2.57	55.70 3.96 -0.31	60.08 4.19 0.00	60.81 4.30 0.00	48.37 3.04 0.00	41.44 2.42 0.00	36.64 1.94 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.69 1.59 0.00	28.05 1.59 0.00	26.72 1.44 0.00	25.98 1.40 0.00	26.70 1.46 0.00	30.01 1.62 0.00	39.17 2.18 0.00	43.68 2.47 0.00	41.55 2.61 0.00	40.51 2.61 0.00	37.27 2.50 0.00	36.30 2.53 0.00	35.90 2.54 0.00	35.53 2.57 0.00	37.63 2.66 0.00	37.47 2.74 0.00	40.22 3.01 0.00	49.04 3.48 -2.57	55.70 3.96 -0.31	60.08 4.19 0.00	60.81 4.30 0.00	48.37 3.04 0.00	41.44 2.42 0.00	36.64 1.94 0.00
WHITEHAL_115KV_TB1 80871	33.16 2.05 0.00	28.24 1.77 0.00	27.05 1.77 0.00	26.25 1.67 0.00	27.05 1.82 0.00	30.46 2.07 0.00	39.84 2.85 0.00	44.55 3.34 0.00	42.06 3.12 0.00	40.77 2.88 0.00	37.13 2.36 0.00	35.89 2.13 0.00	35.46 2.10 0.00	35.04 2.08 0.00	37.24 2.27 0.00	37.20 2.47 0.00	39.96 2.75 0.00	49.71 3.40 -3.33	56.51 4.68 -0.40	60.86 4.97 0.00	61.89 5.37 0.00	49.36 4.03 0.00	42.18 3.16 0.00	37.23 2.53 0.00
WHITEPLN_13_KV_LOAD 356215	33.06 1.96 0.00	28.34 1.88 0.00	27.00 1.72 0.00	26.25 1.67 0.00	26.95 1.72 0.00	30.29 1.90 0.00	39.58 2.59 0.00	44.22 3.01 0.00	42.14 3.19 0.00	41.11 3.22 0.00	37.82 3.06 0.00	36.87 3.11 0.00	36.47 3.10 0.00	36.09 3.13 0.00	38.29 3.32 0.00	38.14 3.40 0.00	40.89 3.68 0.00	50.05 4.43 -2.64	56.79 5.04 -0.32	61.20 5.31 0.00	61.94 5.43 0.00	49.09 3.76 0.00	42.03 3.00 0.00	37.16 2.46 0.00
WM_FLOYD_69_KV_BK2 356380	34.12 3.02 0.00	29.17 2.70 0.00	27.66 2.38 0.00	26.86 2.29 0.00	27.61 2.37 0.00	31.12 2.73 0.00	41.17 4.11 -0.07	45.62 4.41 0.00	46.24 4.56 -2.74	42.51 4.55 -0.07	39.04 4.14 -0.14	37.99 4.12 -0.10	37.28 3.80 -0.11	37.11 3.89 -0.25	39.23 4.02 -0.24	39.64 4.20 -0.70	42.73 4.58 -0.95	52.74 5.37 -4.39	63.32 6.38 -5.51	96.83 6.87 -34.07	104.09 6.95 -40.62	54.32 5.17 -3.82	50.75 4.21 -7.52	38.38 3.68 0.00
WOODARD___115KV_TB2 355635	30.85 -0.25 0.00	26.23 -0.24 0.00	25.03 -0.25 0.00	24.33 -0.25 0.00	24.98 -0.25 0.00	28.16 -0.23 0.00	36.77 -0.22 0.00	40.96 -0.25 0.00	38.63 -0.31 0.00	37.63 -0.27 0.00	34.49 -0.28 0.00	33.46 -0.30 0.00	33.10 -0.27 0.00	32.70 -0.26 0.00	34.69 -0.28 0.00	34.38 -0.35 0.00	36.87 -0.33 0.00	43.83 -0.43 -1.28	53.42 -0.57 -2.55	58.71 -0.50 -3.33	59.38 -0.57 -3.43	46.24 -0.50 -1.41	38.92 -0.39 -0.29	34.53 -0.17 0.00
WOODMERE_69_KV_BK1 55827	33.81 2.71 0.00	28.90 2.43 0.00	27.43 2.15 0.00	26.64 2.06 0.00	27.38 2.15 0.00	30.86 2.47 0.00	40.65 3.66 0.00	45.21 4.00 0.00	43.13 4.17 -0.01	42.06 4.17 0.00	42.33 3.79 -3.78	40.28 3.82 -2.70	40.10 3.80 -2.94	44.09 3.82 -7.30	46.02 4.02 -7.02	60.39 4.13 -21.52	71.22 4.46 -29.54	104.95 5.24 -56.73	89.02 6.02 -31.57	81.83 6.48 -19.46	81.91 6.56 -18.83	79.66 4.80 -29.53	72.24 4.02 -29.19	38.26 3.33 -0.23
YORK___WARBASSE 23770	33.23 2.11 -0.01	28.53 2.06 0.00	27.15 1.87 0.00	26.35 1.77 0.00	27.08 1.84 0.00	30.38 1.99 0.00	39.80 2.81 0.00	44.47 3.26 0.00	42.38 3.43 -0.01	41.36 3.45 -0.02	38.05 3.27 -0.02	37.13 3.34 -0.02	36.79 3.37 -0.06	52.84 3.43 -16.45	51.95 3.60 -13.38	57.09 3.72 -18.64	81.32 4.02 -40.09	89.06 4.64 -41.44	63.50 5.19 -6.87	66.28 5.64 -4.75	66.73 5.65 -4.56	49.14 3.81 0.00	42.16 3.08 -0.06	37.32 2.60 -0.02