

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		01/11/2024																										
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	EST	34.33	32.00	31.54	30.65	31.82	35.28	45.50	50.65	49.36	46.41	43.25	42.46	42.45	43.77	44.86	46.59	51.99	61.02	57.89	51.63	47.34	44.97	41.79	38.72			
		1.79	1.61	1.64	1.51	1.54	1.58	2.53	3.79	3.66	3.28	2.33	2.40	2.48	2.52	2.66	3.41	3.89	5.09	4.19	3.87	3.43	2.74	2.37	1.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260		34.40	32.07	31.60	30.68	31.88	35.32	45.54	50.65	49.36	46.07	43.29	42.42	42.45	43.77	44.86	46.59	52.04	60.63	57.95	51.68	47.33	45.02	41.91	38.76			
		1.86	1.67	1.70	1.54	1.60	1.62	2.58	3.80	3.66	2.93	2.37	2.36	2.48	2.52	2.66	3.41	3.94	4.70	4.24	3.92	3.42	2.79	2.48	1.95			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261		34.40	32.07	31.60	30.68	31.88	35.32	45.54	50.65	49.36	46.07	43.29	42.42	42.45	43.77	44.86	46.59	52.04	60.63	57.95	51.68	47.33	45.02	41.91	38.76			
		1.86	1.67	1.70	1.54	1.60	1.62	2.58	3.80	3.66	2.93	2.37	2.36	2.48	2.52	2.66	3.41	3.94	4.70	4.24	3.92	3.42	2.79	2.48	1.95			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011		34.63	32.28	31.66	30.82	32.06	35.69	45.71	50.27	48.95	45.81	43.25	42.34	42.21	43.56	44.65	46.20	51.46	60.18	58.11	51.49	47.46	45.06	42.19	39.28			
		2.08	1.88	1.76	1.69	1.79	1.99	2.75	3.42	3.24	2.67	2.33	2.28	2.24	2.31	2.45	3.02	3.37	4.25	4.40	3.73	3.56	2.83	2.76	2.47			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798		34.79	32.43	31.81	30.97	32.22	35.89	45.97	50.60	49.27	46.33	43.54	42.62	42.45	43.81	44.94	46.46	51.80	60.85	58.54	51.82	47.81	45.35	42.42	39.50			
		2.24	2.04	1.92	1.84	1.94	2.19	3.01	3.75	3.57	3.19	2.62	2.57	2.48	2.56	2.74	3.28	3.70	4.92	4.84	4.06	3.91	3.12	2.99	2.69			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028		34.63	32.28	31.66	30.82	32.06	35.69	45.71	50.27	48.95	45.81	43.25	42.34	42.21	43.56	44.65	46.20	51.46	60.18	58.11	51.49	47.46	45.06	42.19	39.28			
		2.08	1.88	1.76	1.69	1.79	1.99	2.75	3.42	3.24	2.67	2.33	2.28	2.24	2.31	2.45	3.02	3.37	4.25	4.40	3.73	3.56	2.83	2.76	2.47			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527		34.40	32.10	31.57	30.73	31.91	35.45	45.33	49.90	48.53	45.68	42.51	41.66	41.77	43.19	44.35	45.77	51.08	59.74	57.14	50.87	46.76	44.59	41.59	38.72			
		1.85	1.70	1.67	1.60	1.63	1.75	2.36	3.04	2.83	2.54	1.59	1.60	1.80	1.94	2.15	2.59	2.98	3.81	3.44	3.10	2.85	2.36	2.17	1.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190		33.29	31.15	30.67	29.92	30.97	34.04	43.44	47.79	46.52	43.66	41.08	40.26	40.25	41.58	42.62	43.96	49.06	57.11	54.78	48.77	44.83	42.78	39.94	37.14			
		0.75	0.76	0.78	0.79	0.70	0.34	0.47	0.94	0.82	0.52	0.16	0.20	0.28	0.33	0.42	0.78	0.96	1.17	1.07	1.00	0.92	0.55	0.51	0.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683		32.35	30.21	29.75	29.05	30.22	33.56	42.66	46.06	44.97	42.97	40.83	40.02	39.93	41.29	42.24	42.71	47.57	55.37	53.17	47.19	43.43	42.14	39.39	36.77			
		-0.20	-0.18	-0.15	-0.09	-0.06	-0.13	-0.30	-0.80	-0.73	-0.17	-0.08	-0.04	-0.04	0.04	0.04	-0.47	-0.53	-0.56	-0.54	-0.57	-0.48	-0.08	-0.04	-0.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833		33.85	31.61	31.09	30.30	31.43	34.74	44.38	48.68	47.39	44.61	41.86	40.98	40.93	42.28	43.34	44.69	49.88	58.34	55.80	49.63	45.71	43.62	40.69	37.95			
		1.30	1.22	1.20	1.17	1.15	1.05	1.42	1.83	1.69	1.47	0.94	0.92	0.96	1.03	1.14	1.51	1.78	2.40	2.09	1.86	1.80	1.39	1.26	1.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834		33.85	31.61	31.09	30.30	31.43	34.74	44.38	48.63	47.39	44.61	41.86	40.98	40.93	42.28	43.34	44.69	49.88	58.28	55.80	49.63	45.67	43.58	40.69	37.91			
		1.30	1.22	1.20	1.17	1.15	1.05	1.42	1.78	1.69	1.47	0.94	0.92	0.96	1.03	1.14	1.51	1.78	2.35	2.09	1.86	1.76	1.35	1.26	1.10			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571		33.29	31.15	30.67	29.92	30.97	34.04	43.44	47.79	46.52	43.66	41.08	40.26	40.25	41.58	42.62	43.96	49.06	57.11	54.78	48.77	44.83	42.78	39.94	37.14			
		0.75	0.76	0.78	0.79	0.70	0.34	0.47	0.94	0.82	0.52	0.16	0.20	0.28	0.33	0.42	0.78	0.96	1.17	1.07	1.00	0.92	0.55	0.51	0.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	33.29 0.75 0.00	31.15 0.76 0.00	30.67 0.78 0.00	29.92 0.79 0.00	30.97 0.70 0.00	34.04 0.34 0.00	43.44 0.47 0.00	47.79 0.94 0.00	46.52 0.82 0.00	43.66 0.52 0.00	41.08 0.16 0.00	40.26 0.20 0.00	40.25 0.28 0.00	41.58 0.33 0.00	42.62 0.42 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.11 1.17 0.00	54.78 1.07 0.00	48.77 1.00 0.00	44.83 0.92 0.00	42.78 0.55 0.00	39.94 0.51 0.00	37.14 0.33 0.00
ALBANY___3 23573	33.29 0.75 0.00	31.15 0.76 0.00	30.67 0.78 0.00	29.92 0.79 0.00	30.97 0.70 0.00	34.04 0.34 0.00	43.44 0.47 0.00	47.79 0.94 0.00	46.52 0.82 0.00	43.66 0.52 0.00	41.08 0.16 0.00	40.26 0.20 0.00	40.25 0.28 0.00	41.58 0.33 0.00	42.62 0.42 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.11 1.17 0.00	54.78 1.07 0.00	48.77 1.00 0.00	44.83 0.92 0.00	42.78 0.55 0.00	39.94 0.51 0.00	37.14 0.33 0.00
ALBANY___4 23574	33.29 0.75 0.00	31.15 0.76 0.00	30.67 0.78 0.00	29.92 0.79 0.00	30.97 0.70 0.00	34.04 0.34 0.00	43.44 0.47 0.00	47.79 0.94 0.00	46.52 0.82 0.00	43.66 0.52 0.00	41.08 0.16 0.00	40.26 0.20 0.00	40.25 0.28 0.00	41.58 0.33 0.00	42.62 0.42 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.11 1.17 0.00	54.78 1.07 0.00	48.77 1.00 0.00	44.83 0.92 0.00	42.78 0.55 0.00	39.94 0.51 0.00	37.14 0.33 0.00
ALBANY___LFGE 323615	33.55 1.01 0.00	31.34 0.94 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.18 0.91 0.00	34.37 0.67 0.00	43.91 0.94 0.00	48.26 1.40 0.00	47.03 1.33 0.00	44.30 1.17 0.00	41.49 0.57 0.00	40.70 0.64 0.00	40.69 0.72 0.00	42.00 0.74 0.00	43.04 0.84 0.00	44.43 1.25 0.00	49.54 1.44 0.00	57.94 2.01 0.00	55.37 1.67 0.00	49.29 1.53 0.00	45.31 1.40 0.00	43.20 0.97 0.00	40.29 0.87 0.00	37.51 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	32.51 -0.03 0.00	30.33 -0.06 0.00	29.87 -0.03 0.00	29.16 0.03 0.00	30.34 0.06 0.00	33.73 0.03 0.00	42.75 -0.21 0.00	46.15 -0.70 0.00	45.11 -0.59 0.00	43.05 -0.09 0.00	40.92 0.00 0.00	40.14 0.08 0.00	40.01 0.04 0.00	41.42 0.17 0.00	42.37 0.17 0.00	42.84 -0.35 0.00	47.71 -0.38 0.00	55.54 -0.39 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.51 -0.40 0.00	42.27 0.04 0.00	39.47 0.04 0.00	36.85 0.04 0.00
ALCOA_RYNLDS___DRP 24188	32.51 -0.03 0.00	30.33 -0.06 0.00	29.87 -0.03 0.00	29.16 0.03 0.00	30.34 0.06 0.00	33.73 0.03 0.00	42.75 -0.21 0.00	46.15 -0.70 0.00	45.11 -0.59 0.00	43.05 -0.09 0.00	40.92 0.00 0.00	40.14 0.08 0.00	40.01 0.04 0.00	41.42 0.17 0.00	42.37 0.17 0.00	42.84 -0.35 0.00	47.71 -0.38 0.00	55.54 -0.39 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.51 -0.40 0.00	42.27 0.04 0.00	39.47 0.04 0.00	36.85 0.04 0.00
ALCOA___DSASP 323711	32.51 -0.03 0.00	30.33 -0.06 0.00	29.87 -0.03 0.00	29.16 0.03 0.00	30.34 0.06 0.00	33.73 0.03 0.00	42.75 -0.21 0.00	46.15 -0.70 0.00	45.11 -0.60 0.00	42.58 -0.56 0.00	40.92 0.00 0.00	40.14 0.08 0.00	40.01 0.04 0.00	41.42 0.17 0.00	42.37 0.17 0.00	42.83 -0.35 0.00	47.71 -0.39 0.00	55.03 -0.90 0.00	53.33 -0.37 0.00	47.33 -0.43 0.00	43.51 -0.40 0.00	42.27 0.04 0.00	39.43 0.00 0.00	36.85 0.04 0.00
ALLEGHENY___COGEN 23514	32.84 0.29 0.00	30.70 0.30 0.00	30.08 0.18 0.00	29.31 0.18 0.00	30.55 0.27 0.00	34.78 1.08 0.00	43.99 1.03 0.00	48.07 1.22 0.00	47.16 1.46 0.00	44.99 1.85 0.00	42.47 1.55 0.00	41.22 1.16 0.00	40.73 0.76 0.00	41.71 0.45 0.00	42.41 0.21 0.00	43.74 0.56 0.00	48.68 0.58 0.00	57.44 1.51 0.00	54.72 1.02 0.00	48.19 0.43 0.00	44.57 0.66 0.00	42.48 0.25 0.00	39.82 0.39 0.00	37.76 0.96 0.00
ALTAMONT_115KV_TB 2 55880	33.46 0.91 0.00	31.28 0.88 0.00	30.76 0.87 0.00	29.95 0.82 0.00	31.09 0.82 0.00	34.47 0.78 0.00	44.04 1.07 0.00	48.40 1.55 0.00	47.12 1.42 0.00	44.22 1.08 0.00	41.69 0.78 0.00	40.82 0.76 0.00	40.81 0.84 0.00	42.12 0.87 0.00	43.17 0.97 0.00	44.48 1.30 0.00	49.64 1.54 0.00	57.78 1.85 0.00	55.42 1.72 0.00	49.34 1.58 0.00	45.36 1.45 0.00	43.33 1.10 0.00	40.45 1.03 0.00	37.66 0.85 0.00
ALTONA_WT_PWR 323606	32.38 -0.16 0.00	30.21 -0.18 0.00	29.78 -0.12 0.00	29.22 0.09 0.00	30.52 0.24 0.00	34.00 0.30 0.00	42.92 -0.04 0.00	46.34 -0.51 0.00	45.38 -0.32 0.00	42.92 -0.21 0.00	41.45 0.53 0.00	40.78 0.72 0.00	40.69 0.72 0.00	42.24 0.99 0.00	43.26 1.06 0.00	43.87 0.69 0.00	49.06 0.96 0.00	56.71 0.78 0.00	54.99 1.29 0.00	48.67 0.91 0.00	44.70 0.79 0.00	43.28 1.06 0.00	40.26 0.83 0.00	37.91 1.10 0.00
AMERICAN_REF_FUEL 24010	30.07 -2.47 0.00	28.24 -2.16 0.00	27.71 -2.18 0.00	26.98 -2.16 0.00	28.13 -2.15 0.00	32.05 -1.65 0.00	39.74 -3.22 0.00	42.92 -3.94 0.00	42.09 -3.61 0.00	40.46 -2.67 0.00	38.50 -2.41 0.00	37.33 -2.73 0.00	36.85 -3.12 0.00	37.62 -3.63 0.00	38.23 -3.97 0.00	39.21 -3.97 0.00	43.14 -4.95 0.00	50.73 -5.20 0.00	48.28 -5.42 0.00	42.51 -5.25 0.00	39.74 -4.17 0.00	37.92 -4.31 0.00	35.92 -3.51 0.00	34.67 -2.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.63 -0.91 0.00	29.58 -0.82 0.00	29.12 -0.78 0.00	28.52 -0.61 0.00	29.67 -0.61 0.00	33.87 0.17 0.00	42.62 -0.35 0.00	46.43 -0.42 0.00	45.56 -0.14 0.00	43.57 0.43 0.00	41.32 0.41 0.00	40.14 0.08 0.00	39.61 -0.36 0.00	40.35 -0.91 0.00	40.89 -1.31 0.00	41.97 -1.21 0.00	46.37 -1.73 0.00	54.59 -1.34 0.00	51.82 -1.88 0.00	45.71 -2.05 0.00	42.59 -1.32 0.00	40.67 -1.56 0.00	38.52 -0.91 0.00	36.88 0.07 0.00
ARTHUR KILL_GT_1 23520	34.47 1.92 -0.01	32.13 1.73 -0.01	31.64 1.73 -0.01	30.68 1.54 0.00	31.91 1.63 0.00	35.25 1.55 0.00	45.41 2.45 0.00	50.51 3.66 0.00	49.13 3.43 0.00	46.20 3.06 0.00	42.96 2.04 0.00	42.22 2.16 0.00	42.17 2.20 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.51 3.33 0.00	51.85 3.75 0.00	72.69 4.98 -11.78	140.03 4.19 -82.13	51.59 3.82 0.00	47.24 3.34 0.00	45.02 2.79 0.00	41.87 2.45 0.00	38.83 2.02 0.00
ARTHUR_KILL_2 23512	34.41 1.85 -0.01	32.04 1.64 -0.01	31.55 1.64 -0.01	30.62 1.48 0.00	31.85 1.57 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.37 3.52 0.00	48.99 3.29 0.00	46.07 2.93 0.00	42.88 1.96 0.00	42.10 2.04 0.00	42.09 2.12 0.00	43.40 2.14 0.00	44.56 2.36 0.00	46.38 3.20 0.00	51.71 3.61 0.00	72.52 4.81 -11.78	139.87 4.03 -82.13	51.44 3.68 0.00	47.11 3.20 0.00	44.89 2.66 0.00	41.75 2.33 0.00	38.72 1.91 0.00
ARTHUR_KILL_3 23513	34.07 1.53 0.00	31.76 1.37 0.00	31.30 1.41 0.00	30.45 1.31 0.00	31.58 1.30 0.00	35.01 1.31 0.00	45.07 2.10 0.00	50.13 3.28 0.00	48.85 3.15 0.00	45.94 2.80 0.00	42.84 1.92 0.00	42.06 2.00 0.00	42.05 2.08 0.00	43.36 2.10 0.00	44.44 2.24 0.00	46.16 2.98 0.00	51.46 3.37 0.00	72.23 4.53 -11.77	139.48 3.65 -82.13	51.16 3.39 0.00	46.90 2.99 0.00	44.59 2.36 0.00	41.48 2.05 0.00	38.39 1.58 0.00

ARTHUR_KILL_COGEN 323718	34.47 1.92 -0.01	32.13 1.73 -0.01	31.64 1.73 -0.01	30.68 1.54 0.00	31.91 1.63 0.00	35.25 1.55 0.00	45.41 2.45 0.00	50.51 3.66 0.00	49.13 3.43 0.00	46.20 3.06 0.00	42.96 2.04 0.00	42.22 2.16 0.00	42.17 2.20 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.51 3.33 0.00	51.85 3.75 0.00	72.69 4.98 -11.78	140.03 4.19 -82.13	51.59 3.82 0.00	47.24 3.34 0.00	45.02 2.79 0.00	41.87 2.45 0.00	38.83 2.02 0.00
ASHOKAN____ 23654	34.30 1.76 0.00	31.94 1.55 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.82 1.54 0.00	35.05 1.35 0.00	45.15 2.19 0.00	49.19 2.34 0.00	47.76 2.06 0.00	44.48 1.34 0.00	41.49 0.57 0.00	40.50 0.44 0.00	40.45 0.48 0.00	41.87 0.62 0.00	43.00 0.80 0.00	44.56 1.38 0.00	50.21 2.11 0.00	59.17 3.24 0.00	56.23 2.52 0.00	50.01 2.25 0.00	45.97 2.06 0.00	43.71 1.48 0.00	40.77 1.34 0.00	38.02 1.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.44 1.89 -0.01	32.10 1.70 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.91 1.63 0.00	35.18 1.48 0.00	45.15 2.19 0.00	50.17 3.33 0.01	48.89 3.20 0.01	46.02 2.89 0.01	42.87 1.96 0.01	42.13 2.08 0.01	42.08 2.12 0.01	43.39 2.14 0.01	44.51 2.32 0.01	46.24 3.07 0.01	51.65 3.56 0.01	60.62 4.70 0.01	57.51 3.81 0.01	51.29 3.53 0.01	46.97 3.07 0.01	44.63 2.41 0.01	41.67 2.25 0.00	38.65 1.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.44 1.89 -0.01	32.10 1.70 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.91 1.63 0.00	35.18 1.48 0.00	45.15 2.19 0.00	50.17 3.33 0.01	48.89 3.20 0.01	46.02 2.89 0.01	42.87 1.96 0.01	42.13 2.08 0.01	42.08 2.12 0.01	43.39 2.14 0.01	44.51 2.32 0.01	46.24 3.07 0.01	51.65 3.56 0.01	60.62 4.70 0.01	57.51 3.81 0.01	51.29 3.53 0.01	46.97 3.07 0.01	44.63 2.41 0.01	41.67 2.25 0.00	38.65 1.84 0.00
ASTORIA_GT2_1 24094	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT2_2 24095	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT2_3 24096	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT2_4 24097	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT3_1 24098	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT3_2 24099	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT3_3 24100	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT3_4 24101	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT4_1 24102	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT4_2 24103	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT4_3 24104	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00

ASTORIA_GT4_4 24105	34.44 1.89 -0.01	32.14 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.67 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.95 3.24 0.00	45.73 2.59 0.00	42.96 2.05 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.40 2.15 0.00	44.52 2.32 0.00	46.29 3.11 0.00	51.70 3.61 0.00	60.23 4.31 0.01	57.57 3.87 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.75 2.33 0.00	38.69 1.88 0.00
ASTORIA_GT_1 23523	34.50 1.95 -0.01	32.17 1.76 -0.01	31.76 1.85 -0.01	30.82 1.69 0.00	31.97 1.69 0.00	35.25 1.55 0.00	45.24 2.28 0.00	50.26 3.42 0.01	49.03 3.33 0.01	46.15 3.02 0.01	42.99 2.09 0.01	42.21 2.16 0.01	42.20 2.24 0.01	43.47 2.23 0.01	44.60 2.40 0.01	46.37 3.20 0.01	51.74 3.65 0.01	60.79 4.86 0.01	57.67 3.97 0.01	51.44 3.68 0.01	47.06 3.16 0.01	44.71 2.49 0.01	41.75 2.33 0.00	38.72 1.91 0.00
ASTORIA_GT_10 24110	34.44 1.89 -0.01	32.14 1.73 -0.01	31.64 1.73 -0.01	30.74 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.22 3.52 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.94 3.85 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.87 2.44 0.00	38.76 1.95 0.00
ASTORIA_GT_11 24225	34.44 1.89 -0.01	32.14 1.73 -0.01	31.64 1.73 -0.01	30.74 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.22 3.52 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.94 3.85 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.87 2.44 0.00	38.76 1.95 0.00
ASTORIA_GT_12 24226	34.44 1.89 -0.01	32.14 1.73 -0.01	31.64 1.73 -0.01	30.74 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.22 3.52 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.94 3.85 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.87 2.44 0.00	38.76 1.95 0.00
ASTORIA_GT_13 24227	34.44 1.89 -0.01	32.14 1.73 -0.01	31.64 1.73 -0.01	30.74 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.22 3.52 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.94 3.85 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.87 2.44 0.00	38.76 1.95 0.00
ASTORIA_GT_5 24106	34.50 1.95 -0.01	32.17 1.76 -0.01	31.76 1.85 -0.01	30.82 1.69 0.00	31.97 1.70 0.00	35.25 1.55 0.00	45.24 2.28 0.00	50.27 3.42 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.38 3.20 0.00	51.80 3.70 0.00	60.34 4.42 0.01	57.68 3.97 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.83 2.41 0.00	38.72 1.91 0.00
ASTORIA_GT_7 24107	34.50 1.95 -0.01	32.17 1.76 -0.01	31.76 1.85 -0.01	30.82 1.69 0.00	31.97 1.70 0.00	35.25 1.55 0.00	45.24 2.28 0.00	50.27 3.42 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.38 3.20 0.00	51.80 3.70 0.00	60.34 4.42 0.01	57.68 3.97 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.83 2.41 0.00	38.72 1.91 0.00
ASTORIA_GT_8 24108	34.50 1.95 -0.01	32.17 1.76 -0.01	31.76 1.85 -0.01	30.82 1.69 0.00	31.97 1.70 0.00	35.25 1.55 0.00	45.24 2.28 0.00	50.27 3.42 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.38 3.20 0.00	51.80 3.70 0.00	60.34 4.42 0.01	57.68 3.97 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.83 2.41 0.00	38.72 1.91 0.00
ASTORIA___2 24149	34.44 1.89 -0.01	32.10 1.70 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.66 0.00	35.18 1.48 0.00	45.20 2.23 0.00	50.17 3.33 0.01	48.94 3.25 0.01	46.06 2.93 0.01	42.91 2.00 0.01	42.13 2.08 0.01	42.12 2.16 0.01	43.39 2.14 0.01	44.51 2.32 0.01	46.28 3.11 0.01	51.65 3.56 0.01	60.68 4.75 0.01	57.56 3.87 0.01	51.34 3.58 0.01	46.97 3.07 0.01	44.63 2.41 0.01	41.67 2.25 0.00	38.65 1.84 0.00
ASTORIA___3 23516	34.44 1.89 -0.01	32.10 1.70 -0.01	31.64 1.73 -0.01	30.73 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.66 0.00	49.22 3.52 0.00	46.33 3.19 0.00	43.16 2.25 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.64 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.95 3.85 0.00	61.41 5.04 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.24 3.34 0.00	44.93 2.71 0.00	41.83 2.41 0.00	38.76 1.95 0.00
ASTORIA___4 23517	34.44 1.89 -0.01	32.14 1.73 -0.01	31.64 1.73 -0.01	30.74 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.22 3.52 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.94 3.85 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.87 2.44 0.00	38.76 1.95 0.00
ASTORIA___5 23518	34.44 1.89 -0.01	32.10 1.70 -0.01	31.64 1.73 -0.01	30.73 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.66 0.00	49.22 3.52 0.00	46.33 3.19 0.00	43.16 2.25 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.64 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.95 3.85 0.00	61.41 5.04 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.24 3.34 0.00	44.93 2.71 0.00	41.83 2.41 0.00	38.76 1.95 0.00
AST_ENERGY_2_CC3 323677	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.20 2.23 0.00	50.27 3.42 0.00	48.95 3.25 0.00	46.07 2.93 0.00	42.92 2.00 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.44 2.18 0.00	44.56 2.36 0.00	46.25 3.07 0.00	51.61 3.51 0.00	60.57 4.64 0.00	57.52 3.81 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.72 2.49 0.00	41.55 2.13 0.00	38.54 1.73 0.00
AST_ENERGY_2_CC4 323678	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.20 2.23 0.00	50.27 3.42 0.00	48.95 3.25 0.00	46.07 2.93 0.00	42.92 2.00 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.44 2.18 0.00	44.56 2.36 0.00	46.25 3.07 0.00	51.61 3.51 0.00	60.57 4.64 0.00	57.52 3.81 0.00	51.30 3.53 0.00	46.98 3.07 0.00	44.72 2.49 0.00	41.55 2.13 0.00	38.54 1.73 0.00

ATHENS_STG_1 23668	33.65 1.11 0.00	31.40 1.00 0.00	30.91 1.02 0.00	30.07 0.93 0.00	31.24 0.97 0.00	34.64 0.94 0.00	44.38 1.42 0.00	48.91 2.06 0.00	47.66 1.96 0.00	44.86 1.73 0.00	42.02 1.11 0.00	41.18 1.12 0.00	41.13 1.16 0.00	42.49 1.24 0.00	43.51 1.31 0.00	44.95 1.77 0.00	50.16 2.07 0.00	58.67 2.74 0.00	55.96 2.26 0.00	49.86 2.10 0.00	45.79 1.89 0.00	43.71 1.48 0.00	40.73 1.30 0.00	37.88 1.07 0.00
ATHENS_STG_2 23670	33.65 1.11 0.00	31.40 1.00 0.00	30.91 1.02 0.00	30.07 0.93 0.00	31.24 0.97 0.00	34.64 0.94 0.00	44.38 1.42 0.00	48.91 2.06 0.00	47.66 1.96 0.00	44.86 1.73 0.00	42.02 1.11 0.00	41.18 1.12 0.00	41.13 1.16 0.00	42.49 1.24 0.00	43.51 1.31 0.00	44.95 1.77 0.00	50.16 2.07 0.00	58.67 2.74 0.00	55.96 2.26 0.00	49.86 2.10 0.00	45.79 1.89 0.00	43.71 1.48 0.00	40.73 1.30 0.00	37.88 1.07 0.00
ATHENS_STG_3 23677	33.65 1.11 0.00	31.40 1.00 0.00	30.91 1.02 0.00	30.07 0.93 0.00	31.24 0.97 0.00	34.64 0.94 0.00	44.38 1.42 0.00	48.91 2.06 0.00	47.66 1.96 0.00	44.86 1.73 0.00	42.02 1.11 0.00	41.18 1.12 0.00	41.13 1.16 0.00	42.49 1.24 0.00	43.51 1.31 0.00	44.95 1.77 0.00	50.16 2.07 0.00	58.67 2.74 0.00	55.96 2.26 0.00	49.86 2.10 0.00	45.79 1.89 0.00	43.71 1.48 0.00	40.73 1.30 0.00	37.88 1.07 0.00
AUBURN___LFGE 323710	32.38 -0.16 0.00	30.24 -0.15 0.00	29.72 -0.18 0.00	28.96 -0.17 0.00	30.12 -0.15 0.00	33.83 0.13 0.00	43.22 0.26 0.00	47.27 0.42 0.00	46.16 0.46 0.00	43.27 0.13 0.00	41.37 0.45 0.00	40.42 0.36 0.00	40.21 0.24 0.00	41.42 0.17 0.00	42.20 0.00 0.00	43.31 0.13 0.00	48.19 0.10 0.00	56.10 0.17 0.00	53.97 0.27 0.00	47.86 0.10 0.00	44.04 0.13 0.00	42.10 -0.13 0.00	39.27 -0.16 0.00	36.88 0.07 0.00
BABYLON_RES_REC 323704	40.01 2.54 -4.92	35.45 2.34 -2.71	35.54 2.33 -3.31	33.02 2.21 -1.68	33.41 2.27 -0.86	44.79 2.43 -8.66	50.83 3.56 -4.30	63.18 4.87 -11.46	57.46 4.61 -7.14	49.37 4.10 -2.14	49.41 3.19 -5.30	47.19 3.16 -3.97	47.17 3.24 -3.96	47.63 3.30 -3.07	49.39 3.50 -3.69	50.45 3.89 -3.38	60.84 4.47 -8.26	75.73 5.82 -13.98	72.27 5.00 -13.57	63.95 4.54 -11.65	55.64 4.04 -7.70	52.91 3.34 -7.34	48.51 3.27 -5.81	45.13 2.76 -5.56
BABYLON__69_KV_BK2 356345	40.43 2.96 -4.92	35.81 2.71 -2.71	35.93 2.72 -3.31	33.38 2.56 -1.68	33.80 2.66 -0.86	45.23 2.86 -8.66	51.48 4.21 -4.30	63.89 5.58 -11.46	58.14 5.30 -7.14	49.59 4.31 -2.14	50.02 3.81 -5.30	47.67 3.65 -3.97	47.65 3.72 -3.96	48.16 3.84 -3.07	49.94 4.05 -3.69	51.44 4.88 -3.38	62.13 5.77 -8.26	76.80 6.88 -13.98	73.72 6.44 -13.57	65.14 5.73 -11.65	56.78 5.18 -7.70	53.92 4.35 -7.34	49.06 3.82 -5.81	45.60 3.24 -5.56
BALL_HILL_WT_PWR 323825	31.34 -1.20 0.00	29.39 -1.00 0.00	28.88 -1.02 0.00	28.17 -0.96 0.00	29.34 -0.94 0.00	33.43 -0.27 0.00	41.81 -1.16 0.00	45.49 -1.36 0.00	44.60 -1.10 0.00	42.75 -0.39 0.00	40.55 -0.37 0.00	39.38 -0.68 0.00	38.90 -1.08 0.00	39.69 -1.57 0.00	40.26 -1.94 0.00	41.33 -1.86 0.00	45.65 -2.45 0.00	53.69 -2.24 0.00	51.02 -2.68 0.00	45.04 -2.72 0.00	41.93 -1.98 0.00	39.99 -2.24 0.00	37.81 -1.62 0.00	36.22 -0.59 0.00
BARON_WINDS___WT_PWR 323822	31.80 -0.75 0.00	29.82 -0.58 0.00	29.30 -0.60 0.00	28.61 -0.52 0.00	29.79 -0.49 0.00	33.80 0.10 0.00	42.84 -0.13 0.00	46.85 0.00 0.00	45.84 0.14 0.00	43.61 0.48 0.00	41.41 0.49 0.00	40.22 0.16 0.00	39.77 -0.20 0.00	40.68 -0.58 0.00	41.36 -0.84 0.00	42.49 -0.69 0.00	47.18 -0.92 0.00	55.32 -0.61 0.00	52.63 -1.07 0.00	46.48 -1.29 0.00	43.03 -0.88 0.00	41.09 -1.14 0.00	38.64 -0.79 0.00	36.66 -0.15 0.00
BARRETT_IC_1 23704	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_10 23701	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_11 23702	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_12 23703	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_2 23705	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_3 23706	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_4 23707	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56

BARRETT_IC_5 23708	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_6 23709	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_7 23710	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.86 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.51 3.24 -2.14	48.92 2.70 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.45 4.09 -8.26	74.73 4.81 -13.98	71.68 4.40 -13.57	63.47 4.06 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	48.03 2.80 -5.81	44.68 2.32 -5.56
BARRETT_IC_8 23711	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT_IC_9 23700	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT___1 23545	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BARRETT___2 23546	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.23 2.96 -4.30	62.25 3.94 -11.46	56.73 3.88 -7.14	48.85 3.58 -2.14	48.88 2.66 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.40 4.04 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.61 3.04 -7.34	47.95 2.72 -5.81	44.65 2.28 -5.56
BATAVIA__115KV_TB1 55881	31.41 -1.14 0.00	29.33 -1.06 0.00	28.82 -1.08 0.00	28.08 -1.05 0.00	29.28 -1.00 0.00	33.36 -0.34 0.00	41.63 -1.33 0.00	45.26 -1.59 0.00	44.38 -1.33 0.00	41.37 -1.77 0.00	40.26 -0.65 0.00	39.30 -0.76 0.00	38.81 -1.16 0.00	39.73 -1.53 0.00	40.34 -1.86 0.00	41.41 -1.77 0.00	45.60 -2.50 0.00	52.80 -3.13 0.00	51.23 -2.47 0.00	45.14 -2.63 0.00	41.98 -1.93 0.00	40.03 -2.20 0.00	37.42 -2.01 0.00	36.11 -0.70 0.00
BAYONEEC___CTG1 323682	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG10 323750	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG2 323683	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG3 323684	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG4 323685	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG5 323686	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG6 323687	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00

BAYONEEC___CTG7 323688	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG8 323689	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BAYONEEC___CTG9 323749	34.20 1.66 0.00	31.85 1.46 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.11 2.97 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.29 3.11 0.00	51.66 3.56 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.59 2.17 0.00	38.54 1.73 0.00
BEACON___LESR 323632	33.81 1.27 0.00	31.58 1.18 0.00	31.06 1.16 0.00	30.30 1.17 0.00	31.40 1.12 0.00	34.68 0.98 0.00	44.34 1.37 0.00	48.77 1.92 0.00	47.53 1.83 0.00	44.78 1.64 0.00	41.94 1.02 0.00	41.10 1.04 0.00	41.05 1.08 0.00	42.41 1.15 0.00	43.46 1.26 0.00	44.86 1.68 0.00	50.02 1.93 0.00	58.56 2.63 0.00	56.01 2.31 0.00	49.77 2.01 0.00	45.79 1.89 0.00	43.62 1.39 0.00	40.65 1.22 0.00	37.84 1.03 0.00
BEAVER RIVER___HYD 24048	32.02 -0.52 0.00	29.91 -0.49 0.00	29.36 -0.54 0.00	28.61 -0.52 0.00	29.79 -0.49 0.00	33.33 -0.37 0.00	42.75 -0.21 0.00	46.67 -0.19 0.00	45.38 -0.32 0.00	42.71 -0.43 0.00	40.63 -0.28 0.00	39.70 -0.36 0.00	39.49 -0.48 0.00	40.84 -0.41 0.00	41.70 -0.50 0.00	42.79 -0.39 0.00	47.81 -0.29 0.00	55.76 -0.17 0.00	53.54 -0.16 0.00	47.62 -0.14 0.00	43.65 -0.26 0.00	41.81 -0.42 0.00	38.87 -0.55 0.00	36.26 -0.55 0.00
BEEBEE_GT_13 23619	31.44 -1.11 0.00	29.36 -1.03 0.00	28.85 -1.05 0.00	28.11 -1.02 0.00	29.25 -1.03 0.00	33.09 -0.61 0.00	41.59 -1.37 0.00	45.26 -1.59 0.00	44.33 -1.37 0.00	41.50 -1.64 0.00	40.10 -0.82 0.00	39.18 -0.88 0.00	38.85 -1.12 0.00	39.89 -1.36 0.00	40.60 -1.60 0.00	41.63 -1.55 0.00	45.98 -2.12 0.00	53.30 -2.63 0.00	51.55 -2.15 0.00	45.57 -2.20 0.00	42.15 -1.76 0.00	40.29 -1.94 0.00	37.61 -1.81 0.00	35.89 -0.92 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.67 2.12 -0.01	32.32 1.91 -0.01	31.82 1.91 -0.01	30.88 1.75 0.00	32.09 1.82 0.00	35.48 1.79 0.00	45.76 2.79 0.00	50.93 4.08 0.00	49.63 3.93 0.00	46.37 3.24 0.00	43.49 2.58 0.00	42.66 2.60 0.00	42.65 2.68 0.00	43.98 2.72 0.00	45.11 2.91 0.00	46.98 3.80 0.00	52.43 4.33 0.00	72.86 5.15 -11.78	140.56 4.73 -82.13	52.06 4.30 0.00	47.64 3.73 0.00	45.35 3.12 0.00	42.23 2.80 0.00	39.09 2.28 0.00
BETHLEHEM___GRP 23843	33.29 0.75 0.00	31.15 0.76 0.00	30.67 0.78 0.00	29.92 0.79 0.00	30.97 0.70 0.00	34.04 0.34 0.00	43.44 0.47 0.00	47.79 0.94 0.00	46.52 0.82 0.00	43.66 0.52 0.00	41.08 0.16 0.00	40.26 0.20 0.00	40.25 0.28 0.00	41.58 0.33 0.00	42.62 0.42 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.11 1.17 0.00	54.78 1.07 0.00	48.77 1.00 0.00	44.83 0.92 0.00	42.78 0.55 0.00	39.94 0.51 0.00	37.14 0.33 0.00
BETHLEHEM___GS1 323560	33.29 0.75 0.00	31.12 0.73 0.00	30.67 0.78 0.00	29.92 0.79 0.00	30.97 0.70 0.00	34.04 0.34 0.00	43.44 0.47 0.00	47.79 0.94 0.00	46.52 0.82 0.00	43.83 0.69 0.00	41.04 0.12 0.00	40.26 0.20 0.00	40.25 0.28 0.00	41.58 0.33 0.00	42.62 0.42 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.33 1.40 0.00	54.78 1.07 0.00	48.77 1.00 0.00	44.83 0.92 0.00	42.78 0.55 0.00	39.90 0.47 0.00	37.14 0.33 0.00
BETHLEHEM___GS2 323561	33.29 0.75 0.00	31.12 0.73 0.00	30.67 0.78 0.00	29.92 0.79 0.00	30.97 0.70 0.00	34.04 0.34 0.00	43.44 0.47 0.00	47.79 0.94 0.00	46.52 0.82 0.00	43.83 0.69 0.00	41.04 0.12 0.00	40.26 0.20 0.00	40.25 0.28 0.00	41.58 0.33 0.00	42.62 0.42 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.33 1.40 0.00	54.78 1.07 0.00	48.77 1.00 0.00	44.83 0.92 0.00	42.78 0.55 0.00	39.90 0.47 0.00	37.14 0.33 0.00
BETHLEHEM___GS3 323562	33.29 0.75 0.00	31.12 0.73 0.00	30.67 0.78 0.00	29.92 0.79 0.00	30.97 0.70 0.00	34.04 0.34 0.00	43.44 0.47 0.00	47.79 0.94 0.00	46.52 0.82 0.00	43.83 0.69 0.00	41.04 0.12 0.00	40.26 0.20 0.00	40.25 0.28 0.00	41.58 0.33 0.00	42.62 0.42 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.33 1.40 0.00	54.78 1.07 0.00	48.77 1.00 0.00	44.83 0.92 0.00	42.78 0.55 0.00	39.90 0.47 0.00	37.14 0.33 0.00
BETHLEHEM___STEEL 23779	31.24 -1.30 0.00	29.24 -1.16 0.00	28.79 -1.11 0.00	28.06 -1.08 0.00	29.22 -1.06 0.00	33.29 -0.40 0.00	41.55 -1.42 0.00	45.17 -1.69 0.00	44.33 -1.37 0.00	41.20 -1.94 0.00	40.18 -0.74 0.00	39.22 -0.84 0.00	38.69 -1.28 0.00	39.52 -1.73 0.00	40.09 -2.11 0.00	41.11 -2.07 0.00	45.26 -2.84 0.00	52.30 -3.64 0.00	50.75 -2.95 0.00	44.76 -3.01 0.00	41.67 -2.24 0.00	39.78 -2.45 0.00	37.26 -2.17 0.00	36.04 -0.77 0.00
BETHLHEM_115KV_TB1 79974	33.33 0.78 0.00	31.19 0.79 0.00	30.67 0.78 0.00	29.92 0.79 0.00	31.00 0.73 0.00	34.14 0.44 0.00	43.57 0.60 0.00	47.93 1.08 0.00	46.66 0.96 0.00	43.78 0.65 0.00	41.20 0.29 0.00	40.38 0.32 0.00	40.37 0.40 0.00	41.71 0.45 0.00	42.75 0.55 0.00	44.09 0.91 0.00	49.15 1.06 0.00	57.22 1.29 0.00	54.94 1.24 0.00	48.91 1.15 0.00	44.92 1.01 0.00	42.90 0.68 0.00	40.06 0.63 0.00	37.25 0.44 0.00
BETHPAGE_CC_5 323564	39.91 2.44 -4.92	35.32 2.22 -2.71	35.45 2.24 -3.31	32.91 2.10 -1.68	33.32 2.18 -0.86	44.62 2.26 -8.66	50.53 3.26 -4.30	62.81 4.50 -11.46	57.19 4.34 -7.14	49.16 3.88 -2.14	49.17 2.95 -5.30	46.99 2.96 -3.97	46.97 3.04 -3.96	47.42 3.10 -3.07	49.14 3.25 -3.69	50.53 3.97 -3.38	60.98 4.62 -8.26	75.90 5.99 -13.98	72.38 5.10 -13.57	64.09 4.68 -11.65	55.73 4.13 -7.70	52.99 3.42 -7.34	48.27 3.04 -5.81	44.90 2.54 -5.56
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.34 -1.20 0.00	29.33 -1.06 0.00	28.88 -1.02 0.00	28.17 -0.96 0.00	29.34 -0.94 0.00	33.43 -0.27 0.00	41.76 -1.20 0.00	45.45 -1.41 0.00	44.60 -1.10 0.00	41.46 -1.68 0.00	40.42 -0.49 0.00	39.42 -0.64 0.00	38.93 -1.04 0.00	39.73 -1.53 0.00	40.26 -1.94 0.00	41.32 -1.86 0.00	45.50 -2.60 0.00	52.63 -3.30 0.00	51.02 -2.69 0.00	44.99 -2.77 0.00	41.89 -2.02 0.00	39.99 -2.24 0.00	37.46 -1.97 0.00	36.18 -0.63 0.00

BINGHAMTON___COGEN 23790	32.67 0.13 0.00	30.52 0.12 0.00	30.02 0.12 0.00	29.25 0.12 0.00	30.40 0.12 0.00	34.14 0.44 0.00	43.48 0.52 0.00	47.65 0.80 0.00	46.48 0.78 0.00	43.48 0.35 0.00	41.57 0.65 0.00	40.62 0.56 0.00	40.41 0.44 0.00	41.58 0.33 0.00	42.41 0.21 0.00	43.61 0.43 0.00	48.48 0.38 0.00	56.38 0.45 0.00	54.19 0.48 0.00	48.10 0.33 0.00	44.30 0.40 0.00	42.31 0.08 0.00	39.51 0.08 0.00	37.14 0.33 0.00
BIXINCNT_115KV_LOAD 355685	30.92 -1.63 0.00	28.84 -1.55 0.00	28.64 -1.26 0.00	28.06 -1.08 0.00	29.25 -1.03 0.00	33.40 -0.30 0.00	42.06 -0.90 0.00	46.15 -0.70 0.00	45.56 -0.14 0.00	42.15 -0.99 0.00	41.00 0.08 0.00	39.54 -0.52 0.00	38.89 -1.08 0.00	39.56 -1.69 0.00	39.92 -2.28 0.00	41.11 -2.07 0.00	45.16 -2.93 0.00	52.35 -3.58 0.00	50.59 -3.11 0.00	44.71 -3.06 0.00	41.67 -2.24 0.00	39.74 -2.49 0.00	37.30 -2.13 0.00	35.96 -0.85 0.00
BLACK RIVER___HYD 24047	32.06 -0.49 0.00	29.94 -0.46 0.00	29.36 -0.54 0.00	28.61 -0.52 0.00	29.79 -0.49 0.00	33.39 -0.30 0.00	42.88 -0.09 0.00	46.90 0.05 0.00	45.56 -0.14 0.00	42.88 -0.26 0.00	40.75 -0.16 0.00	39.74 -0.32 0.00	39.53 -0.44 0.00	40.84 -0.41 0.00	41.65 -0.55 0.00	42.88 -0.30 0.00	47.91 -0.19 0.00	55.99 0.06 0.00	53.76 0.05 0.00	47.76 0.00 0.00	43.82 -0.09 0.00	41.81 -0.42 0.00	38.87 -0.55 0.00	36.26 -0.55 0.00
BLACKRVR_115KV_TB2 79977	32.06 -0.49 0.00	29.94 -0.46 0.00	29.36 -0.54 0.00	28.61 -0.52 0.00	29.79 -0.48 0.00	33.40 -0.30 0.00	42.88 -0.09 0.00	46.90 0.05 0.00	45.56 -0.14 0.00	42.79 -0.35 0.00	40.75 -0.16 0.00	39.74 -0.32 0.00	39.53 -0.44 0.00	40.84 -0.41 0.00	41.65 -0.55 0.00	42.88 -0.30 0.00	47.90 -0.19 0.00	55.93 0.00 0.00	53.76 0.05 0.00	47.81 0.05 0.00	43.82 -0.09 0.00	41.81 -0.42 0.00	38.84 -0.59 0.00	36.26 -0.55 0.00
BLISS_WT_PWR 323608	30.62 -1.92 0.00	28.60 -1.79 0.00	28.43 -1.46 0.00	27.88 -1.25 0.00	29.03 -1.24 0.00	33.19 -0.50 0.00	41.85 -1.12 0.00	45.96 -0.89 0.00	45.47 -0.23 0.00	43.31 0.17 0.00	41.08 0.16 0.00	39.29 -0.76 0.00	38.65 -1.32 0.00	39.27 -1.98 0.00	39.54 -2.66 0.00	40.76 -2.42 0.00	44.82 -3.27 0.00	52.86 -3.08 0.00	50.11 -3.60 0.00	44.28 -3.48 0.00	41.32 -2.59 0.00	39.40 -2.83 0.00	37.26 -2.17 0.00	35.74 -1.07 0.00
BLUESTONE___WT_PWR 323821	34.50 1.95 0.00	32.25 1.85 0.00	31.60 1.70 0.00	30.79 1.66 0.00	32.06 1.79 0.00	36.13 2.43 0.00	46.57 3.61 0.00	51.26 4.40 0.00	49.95 4.25 0.00	47.10 3.97 0.00	44.60 3.68 0.00	43.58 3.53 0.00	43.41 3.44 0.00	44.59 3.34 0.00	45.37 3.17 0.00	46.81 3.63 0.00	52.18 4.09 0.00	61.13 5.20 0.00	58.27 4.56 0.00	51.82 4.06 0.00	47.55 3.64 0.00	45.18 2.96 0.00	42.11 2.68 0.00	39.42 2.61 0.00
BLUE_CIRC_CHEM_DRP 24182	33.62 1.07 0.00	31.43 1.03 0.00	30.91 1.02 0.00	30.12 0.99 0.00	31.25 0.97 0.00	34.54 0.84 0.00	44.08 1.12 0.00	48.40 1.55 0.00	47.12 1.42 0.00	44.22 1.08 0.00	41.69 0.78 0.00	40.82 0.76 0.00	40.81 0.84 0.00	42.12 0.87 0.00	43.17 0.97 0.00	44.48 1.30 0.00	49.59 1.49 0.00	57.72 1.79 0.00	55.48 1.77 0.00	49.34 1.58 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.49 1.06 0.00	37.73 0.92 0.00
BOC_GAS_DRP 24189	33.36 0.81 0.00	31.19 0.79 0.00	30.67 0.78 0.00	29.89 0.76 0.00	31.00 0.73 0.00	34.34 0.64 0.00	43.87 0.90 0.00	48.16 1.31 0.00	46.93 1.23 0.00	44.04 0.91 0.00	41.53 0.61 0.00	40.66 0.60 0.00	40.65 0.68 0.00	41.95 0.70 0.00	43.00 0.80 0.00	44.35 1.17 0.00	49.44 1.35 0.00	57.50 1.57 0.00	55.15 1.45 0.00	49.15 1.39 0.00	45.14 1.23 0.00	43.16 0.93 0.00	40.29 0.87 0.00	37.47 0.66 0.00
BOONVILLE_115KV_TB1 79983	33.06 0.52 0.00	30.88 0.49 0.00	30.31 0.42 0.00	29.54 0.41 0.00	30.73 0.45 0.00	34.37 0.67 0.00	44.08 1.12 0.00	48.26 1.41 0.00	46.98 1.28 0.00	44.13 0.99 0.00	41.94 1.02 0.00	40.94 0.88 0.00	40.81 0.84 0.00	42.12 0.87 0.00	43.04 0.84 0.00	44.26 1.08 0.00	49.35 1.25 0.00	57.44 1.51 0.00	55.15 1.45 0.00	49.10 1.34 0.00	45.05 1.14 0.00	43.07 0.84 0.00	40.14 0.71 0.00	37.44 0.63 0.00
BORALEX_4TH_BRANCH 23824	34.40 1.86 0.00	32.10 1.70 0.00	31.57 1.67 0.00	30.74 1.60 0.00	31.91 1.63 0.00	35.45 1.75 0.00	45.33 2.36 0.00	49.90 3.05 0.00	48.53 2.83 0.00	45.47 2.33 0.00	42.55 1.64 0.00	41.70 1.64 0.00	41.77 1.80 0.00	43.19 1.94 0.00	44.35 2.15 0.00	45.77 2.59 0.00	51.13 3.03 0.00	59.46 3.52 0.00	57.14 3.44 0.00	50.87 3.10 0.00	46.76 2.85 0.00	44.59 2.36 0.00	41.67 2.25 0.00	38.72 1.91 0.00
BOWLINE___1 23526	33.97 1.43 0.00	31.70 1.31 0.00	31.21 1.31 0.00	30.33 1.19 0.00	31.52 1.24 0.00	34.95 1.25 0.00	44.98 2.02 0.00	49.85 3.00 0.00	48.53 2.83 0.00	45.60 2.46 0.00	42.59 1.68 0.00	41.74 1.68 0.00	41.73 1.76 0.00	43.07 1.81 0.00	44.14 1.94 0.00	45.77 2.59 0.00	51.13 3.03 0.00	59.96 4.03 0.00	56.98 3.28 0.00	50.82 3.06 0.00	46.63 2.72 0.00	44.34 2.11 0.00	41.24 1.81 0.00	38.24 1.43 0.00
BOWLINE___2 23595	33.97 1.43 0.00	31.70 1.31 0.00	31.21 1.31 0.00	30.33 1.19 0.00	31.52 1.24 0.00	34.95 1.25 0.00	44.98 2.02 0.00	49.85 3.00 0.00	48.53 2.83 0.00	45.60 2.46 0.00	42.59 1.68 0.00	41.74 1.68 0.00	41.73 1.76 0.00	43.07 1.81 0.00	44.14 1.94 0.00	45.77 2.59 0.00	51.13 3.03 0.00	59.96 4.03 0.00	56.98 3.28 0.00	50.82 3.06 0.00	46.63 2.72 0.00	44.34 2.11 0.00	41.24 1.81 0.00	38.24 1.43 0.00
BRADY___115KV_TB2 356060	32.58 0.03 0.00	30.40 0.00 0.00	29.93 0.03 0.00	29.22 0.09 0.00	30.40 0.12 0.00	33.83 0.13 0.00	42.96 0.00 0.00	46.38 -0.47 0.00	45.33 -0.37 0.00	43.31 0.17 0.00	41.20 0.29 0.00	40.38 0.32 0.00	40.25 0.28 0.00	41.67 0.41 0.00	42.62 0.42 0.00	43.10 -0.09 0.00	48.00 -0.10 0.00	55.88 -0.06 0.00	53.70 0.00 0.00	47.67 -0.10 0.00	43.78 -0.13 0.00	42.48 0.25 0.00	39.62 0.20 0.00	36.96 0.15 0.00
BRANSCOMB___SOLAR 323811	34.27 1.72 0.00	31.94 1.55 0.00	31.39 1.49 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.32 1.62 0.00	45.20 2.23 0.00	49.66 2.81 0.00	48.35 2.65 0.00	45.47 2.33 0.00	42.63 1.72 0.00	41.78 1.72 0.00	41.73 1.76 0.00	43.07 1.81 0.00	44.18 1.98 0.00	45.64 2.46 0.00	50.89 2.79 0.00	59.62 3.69 0.00	57.19 3.49 0.00	50.78 3.01 0.00	46.76 2.85 0.00	44.51 2.28 0.00	41.55 2.13 0.00	38.72 1.91 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.30 2.83 -4.92	35.75 2.64 -2.71	35.84 2.63 -3.31	33.32 2.51 -1.68	33.74 2.60 -0.86	45.13 2.76 -8.66	51.35 4.08 -4.30	63.75 5.43 -11.46	58.01 5.16 -7.14	49.46 4.18 -2.14	49.90 3.68 -5.30	47.55 3.53 -3.97	47.53 3.60 -3.96	48.04 3.71 -3.07	49.86 3.97 -3.69	51.35 4.79 -3.38	61.94 5.58 -8.26	76.57 6.66 -13.98	73.45 6.18 -13.57	64.95 5.54 -11.65	56.61 5.01 -7.70	53.79 4.22 -7.34	48.94 3.71 -5.81	45.53 3.17 -5.56

BRISTLHL_115KV_TB1 79998	31.73 -0.81 0.00	29.64 -0.76 0.00	29.12 -0.78 0.00	28.38 -0.76 0.00	29.49 -0.79 0.00	32.99 -0.71 0.00	42.02 -0.95 0.00	45.87 -0.98 0.00	44.79 -0.91 0.00	42.06 -1.08 0.00	40.06 -0.86 0.00	39.18 -0.88 0.00	39.01 -0.96 0.00	40.22 -1.03 0.00	41.06 -1.14 0.00	42.15 -1.04 0.00	46.89 -1.20 0.00	54.53 -1.40 0.00	52.41 -1.29 0.00	46.57 -1.19 0.00	42.85 -1.05 0.00	41.00 -1.22 0.00	38.28 -1.14 0.00	35.89 -0.92 0.00
BROOKHAVEN___DRP 24191	40.40 2.93 -4.92	35.78 2.67 -2.71	35.90 2.69 -3.31	33.43 2.62 -1.68	33.77 2.63 -0.86	45.23 2.86 -8.66	51.52 4.25 -4.30	63.98 5.67 -11.46	58.19 5.35 -7.14	49.54 4.27 -2.14	49.94 3.72 -5.30	47.59 3.57 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.90 4.01 -3.69	51.48 4.92 -3.38	62.13 5.77 -8.26	76.85 6.94 -13.98	73.72 6.44 -13.57	65.14 5.73 -11.65	56.83 5.23 -7.70	54.01 4.43 -7.34	49.10 3.86 -5.81	45.64 3.28 -5.56
BROOKLYN_NAVY_YARD 23515	34.17 1.63 0.00	31.85 1.46 0.00	31.39 1.49 0.00	30.50 1.37 0.00	31.67 1.39 0.00	35.11 1.42 0.00	45.28 2.32 0.00	50.37 3.52 0.00	49.08 3.38 0.00	46.16 3.02 0.00	43.00 2.09 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.38 3.20 0.00	51.75 3.65 0.00	60.74 4.81 0.00	57.68 3.97 0.00	51.44 3.68 0.00	47.11 3.20 0.00	44.80 2.58 0.00	41.63 2.21 0.00	38.54 1.73 0.00
BROOKLYN___ARMY_DRP 323595	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
BROOKVLE_69_KV_TB1 55790	39.91 2.44 -4.92	35.33 2.22 -2.71	35.42 2.21 -3.31	32.88 2.07 -1.68	33.26 2.12 -0.86	44.62 2.26 -8.66	50.62 3.35 -4.30	62.76 4.45 -11.46	57.28 4.43 -7.14	48.90 3.62 -2.14	49.29 3.07 -5.30	47.07 3.04 -3.97	47.05 3.12 -3.96	47.50 3.18 -3.07	49.22 3.33 -3.69	50.62 4.06 -3.38	60.98 4.62 -8.26	75.45 5.54 -13.98	72.32 5.05 -13.57	64.00 4.59 -11.65	55.73 4.13 -7.70	53.08 3.50 -7.34	48.35 3.11 -5.81	44.94 2.58 -5.56
BROOME_2_LFGE 323671	32.67 0.13 0.00	30.55 0.15 0.00	30.02 0.12 0.00	29.25 0.12 0.00	30.40 0.12 0.00	34.14 0.44 0.00	43.48 0.52 0.00	47.65 0.80 0.00	46.48 0.78 0.00	43.96 0.82 0.00	41.61 0.69 0.00	40.62 0.56 0.00	40.41 0.44 0.00	41.58 0.33 0.00	42.41 0.21 0.00	43.61 0.43 0.00	48.53 0.43 0.00	56.77 0.84 0.00	54.19 0.48 0.00	48.10 0.34 0.00	44.30 0.39 0.00	42.31 0.08 0.00	39.58 0.16 0.00	37.14 0.33 0.00
BROOME___LFGE 323600	32.67 0.13 0.00	30.55 0.15 0.00	30.02 0.12 0.00	29.25 0.12 0.00	30.40 0.12 0.00	34.14 0.44 0.00	43.48 0.52 0.00	47.65 0.80 0.00	46.48 0.78 0.00	43.96 0.82 0.00	41.61 0.69 0.00	40.62 0.56 0.00	40.41 0.44 0.00	41.58 0.33 0.00	42.41 0.21 0.00	43.61 0.43 0.00	48.53 0.43 0.00	56.77 0.84 0.00	54.19 0.48 0.00	48.10 0.34 0.00	44.30 0.39 0.00	42.31 0.08 0.00	39.58 0.16 0.00	37.14 0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	31.63 -0.91 0.00	29.51 -0.88 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	32.89 -0.81 0.00	41.98 -0.99 0.00	45.63 -1.22 0.00	44.47 -1.23 0.00	42.15 -0.99 0.00	40.06 -0.86 0.00	39.22 -0.84 0.00	39.09 -0.88 0.00	40.43 -0.83 0.00	41.31 -0.89 0.00	42.10 -1.08 0.00	47.04 -1.06 0.00	54.81 -1.12 0.00	52.63 -1.07 0.00	46.76 -1.00 0.00	42.90 -1.01 0.00	41.30 -0.93 0.00	38.44 -0.99 0.00	35.85 -0.96 0.00
BROWNSV1_27_KV_LOAD 356125	34.43 1.89 0.00	32.10 1.70 0.00	31.63 1.73 0.00	30.71 1.57 0.00	31.91 1.63 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.45 3.75 0.00	46.16 3.02 0.00	43.37 2.45 0.00	42.50 2.44 0.00	42.53 2.56 0.00	43.85 2.60 0.00	44.99 2.79 0.00	46.72 3.54 0.00	52.14 4.04 0.00	60.74 4.81 0.00	58.11 4.40 0.00	51.83 4.06 0.00	47.46 3.56 0.00	45.14 2.91 0.00	41.99 2.56 0.00	38.83 2.02 0.00
BURROWS___LYONSDAL 23803	32.87 0.33 0.00	30.70 0.30 0.00	30.14 0.24 0.00	29.37 0.23 0.00	30.55 0.27 0.00	34.17 0.47 0.00	43.82 0.86 0.00	47.93 1.08 0.00	46.66 0.96 0.00	43.87 0.73 0.00	41.65 0.74 0.00	40.70 0.64 0.00	40.57 0.60 0.00	41.87 0.62 0.00	42.75 0.55 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.16 1.23 0.00	54.88 1.18 0.00	48.82 1.05 0.00	44.79 0.88 0.00	42.86 0.63 0.00	39.90 0.47 0.00	37.21 0.40 0.00
CAITHNESS_CC_1 323624	40.27 2.80 -4.92	35.66 2.55 -2.71	35.78 2.57 -3.31	33.32 2.51 -1.68	33.65 2.51 -0.86	45.09 2.73 -8.66	51.30 4.04 -4.30	63.74 5.43 -11.46	57.96 5.12 -7.14	49.72 4.44 -2.14	49.74 3.52 -5.30	47.43 3.40 -3.97	47.41 3.48 -3.96	47.91 3.59 -3.07	49.73 3.84 -3.69	51.27 4.71 -3.38	61.84 5.48 -8.26	76.91 6.99 -13.98	73.39 6.12 -13.57	65.00 5.59 -11.65	56.61 5.00 -7.70	53.79 4.22 -7.34	48.90 3.67 -5.81	45.46 3.09 -5.56
CALPINE BETH_PAGE_GT4 24209	39.91 2.44 -4.92	35.33 2.22 -2.71	35.45 2.24 -3.31	32.91 2.10 -1.68	33.29 2.15 -0.86	44.55 2.19 -8.66	50.40 3.14 -4.30	62.67 4.36 -11.46	57.05 4.20 -7.14	48.68 3.41 -2.14	49.08 2.86 -5.30	46.87 2.84 -3.97	46.85 2.92 -3.96	47.30 2.97 -3.07	48.97 3.08 -3.69	50.36 3.80 -3.38	60.74 4.38 -8.26	75.17 5.26 -13.98	72.11 4.83 -13.57	63.81 4.39 -11.65	55.56 3.95 -7.70	52.82 3.25 -7.34	48.11 2.88 -5.81	44.76 2.39 -5.56
CALPINE_BETH_PAGE_GT_4 323586	39.91 2.44 -4.92	35.32 2.22 -2.71	35.45 2.24 -3.31	32.91 2.10 -1.68	33.29 2.15 -0.86	44.55 2.19 -8.66	50.40 3.13 -4.30	62.67 4.36 -11.46	57.04 4.20 -7.14	49.02 3.75 -2.14	49.04 2.82 -5.30	46.87 2.84 -3.97	46.85 2.92 -3.96	47.30 2.97 -3.07	49.01 3.12 -3.69	50.40 3.84 -3.38	60.84 4.47 -8.26	75.73 5.82 -13.98	72.27 5.00 -13.57	63.95 4.54 -11.65	55.64 4.04 -7.70	52.87 3.30 -7.34	48.15 2.92 -5.81	44.79 2.43 -5.56
CALPINE_BP_GT1 23823	39.91 2.44 -4.92	35.32 2.22 -2.71	35.45 2.24 -3.31	32.91 2.10 -1.68	33.29 2.15 -0.86	44.55 2.19 -8.66	50.40 3.13 -4.30	62.67 4.36 -11.46	57.04 4.20 -7.14	49.02 3.75 -2.14	49.04 2.82 -5.30	46.87 2.84 -3.97	46.85 2.92 -3.96	47.30 2.97 -3.07	49.01 3.12 -3.69	50.40 3.84 -3.38	60.84 4.47 -8.26	75.73 5.82 -13.98	72.27 5.00 -13.57	63.95 4.54 -11.65	55.64 4.04 -7.70	52.87 3.30 -7.34	48.15 2.92 -5.81	44.79 2.43 -5.56
CALSPAN___DRP 24200	31.24 -1.30 0.00	29.24 -1.16 0.00	28.79 -1.11 0.00	28.06 -1.08 0.00	29.22 -1.06 0.00	33.29 -0.40 0.00	41.55 -1.42 0.00	45.17 -1.69 0.00	44.33 -1.37 0.00	41.20 -1.94 0.00	40.18 -0.74 0.00	39.22 -0.84 0.00	38.69 -1.28 0.00	39.52 -1.73 0.00	40.09 -2.11 0.00	41.11 -2.07 0.00	45.26 -2.84 0.00	52.30 -3.64 0.00	50.75 -2.95 0.00	44.76 -3.01 0.00	41.67 -2.24 0.00	39.78 -2.45 0.00	37.26 -2.17 0.00	36.04 -0.77 0.00

CALVERTON___SOLAR 323806	40.53 3.06 -4.92	35.93 2.83 -2.71	36.05 2.84 -3.31	33.55 2.74 -1.68	33.92 2.78 -0.86	45.40 3.03 -8.66	51.78 4.51 -4.30	64.26 5.95 -11.46	58.42 5.57 -7.14	50.10 4.83 -2.14	50.06 3.84 -5.30	47.75 3.73 -3.97	47.73 3.80 -3.96	48.25 3.92 -3.07	50.11 4.22 -3.69	51.70 5.14 -3.38	62.37 6.01 -8.26	77.58 7.66 -13.98	74.04 6.77 -13.57	65.57 6.16 -11.65	57.09 5.49 -7.70	54.22 4.65 -7.34	49.26 4.02 -5.81	45.79 3.42 -5.56
CANDIGU_WT_PWR 323617	31.80 -0.75 0.00	29.82 -0.58 0.00	29.30 -0.60 0.00	28.61 -0.52 0.00	29.79 -0.49 0.00	33.80 0.10 0.00	42.84 -0.13 0.00	46.85 0.00 0.00	45.84 0.14 0.00	43.61 0.48 0.00	41.41 0.49 0.00	40.22 0.16 0.00	39.77 -0.20 0.00	40.68 -0.58 0.00	41.36 -0.84 0.00	42.49 -0.69 0.00	47.18 -0.92 0.00	55.32 -0.61 0.00	52.63 -1.07 0.00	46.48 -1.29 0.00	43.03 -0.88 0.00	41.09 -1.14 0.00	38.64 -0.79 0.00	36.66 -0.15 0.00
CARR STREET_E_SYR 24060	32.02 -0.52 0.00	29.91 -0.49 0.00	29.39 -0.51 0.00	28.67 -0.47 0.00	29.79 -0.49 0.00	33.33 -0.37 0.00	42.32 -0.64 0.00	46.10 -0.75 0.00	45.02 -0.68 0.00	42.53 -0.60 0.00	40.34 -0.57 0.00	39.38 -0.68 0.00	39.25 -0.72 0.00	40.43 -0.82 0.00	41.27 -0.93 0.00	42.36 -0.82 0.00	47.14 -0.96 0.00	55.03 -0.90 0.00	52.63 -1.07 0.00	46.76 -1.01 0.00	43.03 -0.88 0.00	41.34 -0.89 0.00	38.72 -0.71 0.00	36.29 -0.52 0.00
CARTHAGE___PAPER 23857	31.99 -0.55 0.00	29.88 -0.52 0.00	29.30 -0.60 0.00	28.55 -0.58 0.00	29.73 -0.54 0.00	33.33 -0.37 0.00	42.75 -0.21 0.00	46.71 -0.14 0.00	45.38 -0.32 0.00	42.71 -0.43 0.00	40.59 -0.33 0.00	39.62 -0.44 0.00	39.41 -0.56 0.00	40.76 -0.49 0.00	41.57 -0.63 0.00	42.71 -0.47 0.00	47.76 -0.33 0.00	55.76 -0.17 0.00	53.54 -0.16 0.00	47.62 -0.14 0.00	43.65 -0.26 0.00	41.77 -0.46 0.00	38.79 -0.63 0.00	36.18 -0.63 0.00
CASSADAGA_WT_PWR 323784	31.70 -0.85 0.00	29.58 -0.82 0.00	29.21 -0.69 0.00	28.70 -0.44 0.00	29.85 -0.42 0.00	34.14 0.44 0.00	43.14 0.17 0.00	47.14 0.28 0.00	46.25 0.55 0.00	44.17 1.03 0.00	41.78 0.86 0.00	40.58 0.52 0.00	40.05 0.08 0.00	40.72 -0.54 0.00	41.27 -0.93 0.00	42.32 -0.86 0.00	46.75 -1.35 0.00	55.03 -0.90 0.00	52.26 -1.45 0.00	46.14 -1.62 0.00	42.98 -0.92 0.00	41.09 -1.14 0.00	38.96 -0.47 0.00	37.29 0.48 0.00
CE_DUNWOOD___DRP 24194	34.17 1.63 0.00	31.85 1.46 0.00	31.36 1.46 0.00	30.50 1.37 0.00	31.67 1.39 0.00	35.11 1.42 0.00	45.20 2.23 0.00	50.13 3.28 0.00	48.85 3.15 0.00	45.60 2.46 0.00	42.88 1.96 0.00	42.02 1.96 0.00	42.01 2.04 0.00	43.36 2.10 0.00	44.44 2.24 0.00	46.12 2.94 0.00	51.51 3.41 0.00	60.01 4.08 0.00	57.41 3.71 0.00	51.16 3.39 0.00	46.94 3.03 0.00	44.64 2.41 0.00	41.56 2.13 0.00	38.47 1.66 0.00
CE_MILLWOOD___DRP 24193	34.11 1.56 0.00	31.82 1.43 0.00	31.33 1.44 0.00	30.44 1.31 0.00	31.64 1.36 0.00	35.05 1.35 0.00	45.11 2.15 0.00	50.04 3.19 0.00	48.76 3.06 0.00	45.51 2.37 0.00	42.80 1.88 0.00	41.94 1.88 0.00	41.93 1.96 0.00	43.27 2.02 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.37 3.27 0.00	59.85 3.92 0.00	57.30 3.60 0.00	51.06 3.30 0.00	46.85 2.94 0.00	44.55 2.32 0.00	41.48 2.05 0.00	38.39 1.58 0.00
CE_NYC2_DRP 24202	34.44 1.89 -0.01	32.11 1.70 -0.01	31.64 1.73 -0.01	30.71 1.57 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.46 2.49 0.00	50.55 3.70 0.00	49.27 3.56 0.00	46.03 2.89 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.37 2.40 0.00	43.69 2.43 0.00	44.82 2.62 0.00	46.55 3.37 0.00	51.99 3.90 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.87 2.44 0.00	38.76 1.95 0.00
CE_NYC_DRP 24195	34.20 1.66 0.00	31.88 1.49 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.73 1.45 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.86 2.72 0.00	43.08 2.17 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.38 3.20 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.11 3.21 0.00	44.76 2.53 0.00	41.71 2.29 0.00	38.58 1.77 0.00
CHAFFEE___LFGE 323603	31.37 -1.17 0.00	29.42 -0.97 0.00	28.88 -1.02 0.00	28.17 -0.96 0.00	29.34 -0.94 0.00	33.43 -0.27 0.00	41.76 -1.20 0.00	45.45 -1.40 0.00	44.60 -1.10 0.00	42.75 -0.39 0.00	40.59 -0.33 0.00	39.41 -0.64 0.00	38.93 -1.04 0.00	39.73 -1.53 0.00	40.30 -1.90 0.00	41.37 -1.81 0.00	45.65 -2.45 0.00	53.75 -2.18 0.00	51.07 -2.63 0.00	45.04 -2.72 0.00	41.93 -1.98 0.00	39.99 -2.24 0.00	37.81 -1.62 0.00	36.18 -0.63 0.00
CHATEAUG_35_KV_LOAD 355732	32.32 -0.23 0.00	30.18 -0.21 0.00	29.75 -0.15 0.00	29.13 0.00 0.00	30.40 0.12 0.00	33.87 0.17 0.00	42.88 -0.09 0.00	46.24 -0.61 0.00	45.29 -0.41 0.00	43.31 0.17 0.00	41.32 0.41 0.00	40.66 0.60 0.00	40.53 0.56 0.00	42.08 0.83 0.00	43.09 0.89 0.00	43.66 0.47 0.00	48.87 0.77 0.00	56.88 0.95 0.00	54.78 1.07 0.00	48.48 0.72 0.00	44.52 0.61 0.00	43.16 0.93 0.00	40.18 0.75 0.00	37.73 0.92 0.00
CHATEAUG_WT_PWR 323614	32.12 -0.42 0.00	29.97 -0.43 0.00	29.54 -0.36 0.00	28.96 -0.17 0.00	30.25 -0.03 0.00	33.70 0.00 0.00	42.58 -0.39 0.00	46.01 -0.84 0.00	45.06 -0.64 0.00	42.62 -0.52 0.00	41.16 0.25 0.00	40.54 0.48 0.00	40.45 0.48 0.00	41.95 0.70 0.00	43.00 0.80 0.00	43.61 0.43 0.00	48.77 0.67 0.00	56.33 0.39 0.00	54.62 0.91 0.00	48.38 0.62 0.00	44.44 0.53 0.00	43.03 0.80 0.00	40.02 0.59 0.00	37.62 0.81 0.00
CHAT_HIGH_FALL_HYD 323578	32.32 -0.23 0.00	30.18 -0.21 0.00	29.75 -0.15 0.00	29.13 0.00 0.00	30.40 0.12 0.00	33.87 0.17 0.00	42.88 -0.09 0.00	46.24 -0.61 0.00	45.29 -0.41 0.00	43.31 0.17 0.00	41.32 0.41 0.00	40.66 0.60 0.00	40.53 0.56 0.00	42.08 0.83 0.00	43.09 0.89 0.00	43.66 0.47 0.00	48.87 0.77 0.00	56.88 0.95 0.00	54.78 1.07 0.00	48.48 0.72 0.00	44.52 0.61 0.00	43.16 0.93 0.00	40.18 0.75 0.00	37.73 0.92 0.00
CHAUTAUQUA___LFGE 323629	31.54 -1.01 0.00	29.54 -0.85 0.00	29.06 -0.84 0.00	28.38 -0.76 0.00	29.55 -0.73 0.00	33.66 -0.03 0.00	42.19 -0.77 0.00	45.96 -0.89 0.00	45.06 -0.64 0.00	43.18 0.04 0.00	40.96 0.04 0.00	39.78 -0.28 0.00	39.29 -0.68 0.00	40.06 -1.20 0.00	40.64 -1.56 0.00	41.67 -1.51 0.00	46.03 -2.07 0.00	54.20 -1.73 0.00	51.50 -2.20 0.00	45.43 -2.34 0.00	42.33 -1.58 0.00	40.37 -1.86 0.00	38.16 -1.26 0.00	36.55 -0.26 0.00
CHERRYST_13_KV_LD 356241	34.30 1.76 0.00	31.98 1.58 0.00	31.48 1.58 0.00	30.59 1.46 0.00	31.79 1.51 0.00	35.22 1.52 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.22 3.52 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.51 3.33 0.00	51.94 3.85 0.00	60.46 4.53 0.00	57.78 4.08 0.00	51.54 3.77 0.00	47.20 3.29 0.00	44.89 2.66 0.00	41.79 2.37 0.00	38.65 1.84 0.00

CHESTROR_138KV_BK263 355645	33.81 1.27 0.00	31.52 1.12 0.00	31.03 1.14 0.00	30.18 1.05 0.00	31.37 1.09 0.00	34.81 1.11 0.00	44.73 1.76 0.00	49.43 2.58 0.00	48.12 2.42 0.00	44.95 1.81 0.00	42.31 1.39 0.00	41.42 1.36 0.00	41.41 1.44 0.00	42.74 1.49 0.00	43.80 1.60 0.00	45.38 2.20 0.00	50.74 2.65 0.00	59.06 3.13 0.00	56.55 2.85 0.00	50.39 2.63 0.00	46.24 2.33 0.00	44.04 1.82 0.00	41.04 1.62 0.00	38.02 1.21 0.00
CH_MIDHUDSON___DRP 24192	34.43 1.89 0.00	32.10 1.70 0.00	31.60 1.70 0.00	30.68 1.54 0.00	31.91 1.63 0.00	35.38 1.68 0.00	45.67 2.71 0.00	50.32 3.47 0.00	49.08 3.38 0.00	45.64 2.50 0.00	42.88 1.96 0.00	41.94 1.88 0.00	41.93 1.96 0.00	43.27 2.02 0.00	44.39 2.19 0.00	46.07 2.89 0.00	51.66 3.56 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.16 3.25 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.61 1.80 0.00
CH_MISC_IPPS 23765	34.37 1.82 0.00	32.04 1.64 0.00	31.54 1.64 0.00	30.62 1.48 0.00	31.85 1.57 0.00	35.32 1.62 0.00	45.58 2.62 0.00	50.27 3.42 0.00	48.99 3.29 0.00	45.86 2.72 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.23 1.98 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.56 3.46 0.00	60.57 4.64 0.00	57.57 3.87 0.00	51.30 3.53 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.55 2.13 0.00	38.54 1.73 0.00
CH_RES_BVR_FALLS 23983	32.38 -0.16 0.00	30.24 -0.15 0.00	29.75 -0.15 0.00	29.02 -0.12 0.00	30.19 -0.09 0.00	33.56 -0.13 0.00	42.71 -0.26 0.00	46.34 -0.51 0.00	45.24 -0.46 0.00	42.71 -0.43 0.00	40.79 -0.12 0.00	39.98 -0.08 0.00	39.89 -0.08 0.00	41.21 -0.04 0.00	42.16 -0.04 0.00	42.88 -0.30 0.00	47.76 -0.33 0.00	55.26 -0.67 0.00	53.33 -0.37 0.00	47.43 -0.33 0.00	43.56 -0.35 0.00	42.14 -0.08 0.00	39.35 -0.08 0.00	36.74 -0.07 0.00
CH_RES_NIAGARA 23895	30.07 -2.47 0.00	28.24 -2.16 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	40.38 -2.76 0.00	38.42 -2.50 0.00	37.25 -2.81 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	43.05 -5.05 0.00	50.62 -5.31 0.00	48.12 -5.59 0.00	42.42 -5.35 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.84 -3.59 0.00	34.64 -2.17 0.00
CH_RES_SYRACUSE 23985	32.19 -0.36 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.71 -0.26 0.00	46.67 -0.19 0.00	45.56 -0.14 0.00	43.05 -0.09 0.00	40.83 -0.08 0.00	39.90 -0.16 0.00	39.73 -0.24 0.00	40.97 -0.29 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.39 0.00	55.71 -0.22 0.00	53.33 -0.37 0.00	47.33 -0.43 0.00	43.56 -0.35 0.00	41.72 -0.50 0.00	38.99 -0.43 0.00	36.51 -0.30 0.00
CLINTON_WT_PWR 323605	32.12 -0.42 0.00	29.97 -0.43 0.00	29.54 -0.36 0.00	28.96 -0.17 0.00	30.25 -0.03 0.00	33.70 0.00 0.00	42.58 -0.39 0.00	46.01 -0.84 0.00	45.06 -0.64 0.00	42.62 -0.52 0.00	41.16 0.25 0.00	40.54 0.48 0.00	40.45 0.48 0.00	41.95 0.70 0.00	43.00 0.80 0.00	43.61 0.43 0.00	48.77 0.67 0.00	56.33 0.39 0.00	54.62 0.91 0.00	48.38 0.62 0.00	44.44 0.53 0.00	43.03 0.80 0.00	40.02 0.59 0.00	37.62 0.81 0.00
CLINTON___LFGE 323618	32.64 0.10 0.00	30.46 0.06 0.00	30.05 0.15 0.00	29.48 0.35 0.00	30.79 0.51 0.00	34.31 0.61 0.00	43.31 0.34 0.00	46.81 -0.05 0.00	45.88 0.18 0.00	43.35 0.22 0.00	41.86 0.94 0.00	41.18 1.12 0.00	41.05 1.08 0.00	42.61 1.36 0.00	43.68 1.48 0.00	44.22 1.03 0.00	49.59 1.49 0.00	57.33 1.40 0.00	55.63 1.93 0.00	49.15 1.39 0.00	45.14 1.23 0.00	43.67 1.44 0.00	40.61 1.18 0.00	38.28 1.47 0.00
COBBLENY_34_KV_TB1 80064	31.37 -1.17 0.00	29.33 -1.06 0.00	28.88 -1.02 0.00	28.17 -0.96 0.00	29.34 -0.94 0.00	33.43 -0.27 0.00	41.76 -1.20 0.00	45.45 -1.41 0.00	44.60 -1.10 0.00	41.46 -1.68 0.00	40.38 -0.53 0.00	39.42 -0.64 0.00	38.93 -1.04 0.00	39.73 -1.53 0.00	40.30 -1.90 0.00	41.37 -1.81 0.00	45.55 -2.55 0.00	52.69 -3.24 0.00	51.13 -2.58 0.00	45.09 -2.67 0.00	41.93 -1.98 0.00	39.99 -2.24 0.00	37.46 -1.97 0.00	36.18 -0.63 0.00
COFFEEN___115KV_TB3 355620	32.25 -0.29 0.00	30.12 -0.27 0.00	29.51 -0.39 0.00	28.75 -0.38 0.00	29.94 -0.33 0.00	33.60 -0.10 0.00	43.22 0.26 0.00	47.27 0.42 0.00	45.88 0.18 0.00	43.05 -0.09 0.00	41.04 0.12 0.00	40.02 -0.04 0.00	39.77 -0.20 0.00	41.09 -0.17 0.00	41.90 -0.30 0.00	43.18 0.00 0.00	48.29 0.19 0.00	56.38 0.45 0.00	54.19 0.48 0.00	48.19 0.43 0.00	44.13 0.22 0.00	42.10 -0.13 0.00	39.07 -0.35 0.00	36.48 -0.33 0.00
COLDSPRG_115KV_BK1 355956	32.54 0.00 0.00	30.36 -0.03 0.00	29.99 0.09 0.00	29.34 0.20 0.00	30.58 0.30 0.00	34.91 1.21 0.00	44.12 1.16 0.00	48.45 1.59 0.00	47.53 1.83 0.00	44.09 0.95 0.00	42.80 1.88 0.00	41.78 1.72 0.00	41.25 1.28 0.00	41.95 0.70 0.00	42.54 0.34 0.00	43.61 0.43 0.00	48.19 0.10 0.00	55.93 0.00 0.00	53.97 0.27 0.00	47.67 -0.10 0.00	44.26 0.35 0.00	42.19 -0.04 0.00	39.62 0.20 0.00	37.91 1.10 0.00
COLONIE_LFGE___ 323577	33.91 1.37 0.00	31.64 1.25 0.00	31.12 1.23 0.00	30.30 1.17 0.00	31.49 1.21 0.00	34.91 1.21 0.00	44.64 1.67 0.00	49.10 2.25 0.00	47.76 2.06 0.00	44.99 1.85 0.00	42.10 1.19 0.00	41.26 1.20 0.00	41.25 1.28 0.00	42.66 1.40 0.00	43.72 1.52 0.00	45.13 1.94 0.00	50.31 2.21 0.00	58.84 2.91 0.00	56.33 2.63 0.00	50.10 2.34 0.00	46.06 2.15 0.00	43.96 1.73 0.00	41.01 1.58 0.00	38.17 1.36 0.00
COOPERNY_115KV_TB1 80082	33.49 0.94 0.00	31.25 0.85 0.00	30.76 0.87 0.00	29.92 0.79 0.00	31.09 0.82 0.00	34.54 0.84 0.00	44.30 1.33 0.00	48.87 2.01 0.00	47.62 1.92 0.00	44.56 1.42 0.00	42.10 1.19 0.00	41.22 1.16 0.00	41.17 1.20 0.00	42.45 1.20 0.00	43.47 1.27 0.00	44.91 1.73 0.00	50.16 2.07 0.00	58.34 2.41 0.00	55.90 2.20 0.00	49.82 2.05 0.00	45.75 1.84 0.00	43.62 1.39 0.00	40.65 1.22 0.00	37.77 0.96 0.00
COPENHAGEN_WT_PWR 323753	32.02 -0.52 0.00	29.94 -0.46 0.00	29.33 -0.57 0.00	28.58 -0.55 0.00	29.76 -0.51 0.00	33.36 -0.34 0.00	42.84 -0.13 0.00	46.81 -0.05 0.00	45.47 -0.23 0.00	42.84 -0.30 0.00	40.71 -0.20 0.00	39.70 -0.36 0.00	39.49 -0.48 0.00	40.80 -0.45 0.00	41.61 -0.59 0.00	42.83 -0.35 0.00	47.81 -0.29 0.00	55.88 -0.06 0.00	53.60 -0.11 0.00	47.67 -0.10 0.00	43.69 -0.22 0.00	41.72 -0.50 0.00	38.79 -0.63 0.00	36.22 -0.59 0.00
CORNELL_____ 23752	33.10 0.55 0.00	30.91 0.52 0.00	30.37 0.48 0.00	29.60 0.47 0.00	30.79 0.51 0.00	34.64 0.94 0.00	44.30 1.33 0.00	48.54 1.69 0.00	47.35 1.65 0.00	44.22 1.08 0.00	42.27 1.35 0.00	41.30 1.24 0.00	41.09 1.12 0.00	42.24 0.99 0.00	43.04 0.84 0.00	44.35 1.17 0.00	49.44 1.35 0.00	57.55 1.62 0.00	55.37 1.66 0.00	49.05 1.29 0.00	45.14 1.23 0.00	43.12 0.89 0.00	40.22 0.79 0.00	37.77 0.96 0.00

CORONA_69_KV_TB1 355595	39.78 2.31 -4.92	35.20 2.10 -2.71	35.33 2.12 -3.31	32.76 1.95 -1.68	33.17 2.03 -0.86	44.52 2.16 -8.66	50.45 3.18 -4.30	62.62 4.31 -11.46	57.00 4.16 -7.14	48.68 3.41 -2.14	49.12 2.90 -5.30	46.87 2.84 -3.97	46.85 2.92 -3.96	47.30 2.97 -3.07	49.05 3.16 -3.69	50.40 3.84 -3.38	60.69 4.33 -8.26	75.01 5.09 -13.98	71.95 4.67 -13.57	63.76 4.35 -11.65	55.51 3.91 -7.70	52.91 3.34 -7.34	48.23 3.00 -5.81	44.87 2.50 -5.56
CORTLAND_115KV_TB3 80093	32.84 0.29 0.00	30.67 0.27 0.00	30.14 0.24 0.00	29.40 0.26 0.00	30.55 0.27 0.00	34.27 0.57 0.00	43.74 0.77 0.00	47.93 1.08 0.00	46.75 1.05 0.00	43.74 0.60 0.00	41.73 0.82 0.00	40.78 0.72 0.00	40.61 0.64 0.00	41.83 0.58 0.00	42.66 0.46 0.00	43.87 0.69 0.00	48.87 0.77 0.00	56.83 0.89 0.00	54.67 0.97 0.00	48.48 0.72 0.00	44.61 0.70 0.00	42.65 0.42 0.00	39.82 0.39 0.00	37.32 0.52 0.00
COXSACKIE___GT 23611	34.69 2.15 0.00	32.34 1.95 0.00	31.84 1.94 0.00	30.97 1.84 0.00	32.18 1.91 0.00	35.52 1.82 0.00	45.75 2.79 0.00	49.76 2.91 0.00	48.40 2.70 0.00	45.12 1.99 0.00	42.18 1.27 0.00	41.14 1.08 0.00	41.13 1.16 0.00	42.53 1.28 0.00	43.68 1.48 0.00	45.21 2.03 0.00	50.84 2.74 0.00	59.85 3.91 0.00	57.09 3.39 0.00	50.68 2.91 0.00	46.68 2.77 0.00	44.30 2.07 0.00	41.28 1.85 0.00	38.47 1.66 0.00
CPV_VALLEY___CC1 323721	33.59 1.04 0.00	31.34 0.94 0.00	30.85 0.96 0.00	29.98 0.85 0.00	31.15 0.88 0.00	34.57 0.87 0.00	44.38 1.42 0.00	49.06 2.20 0.00	47.80 2.10 0.00	44.91 1.77 0.00	42.06 1.14 0.00	41.22 1.16 0.00	41.21 1.24 0.00	42.49 1.24 0.00	43.55 1.35 0.00	45.08 1.90 0.00	50.36 2.26 0.00	58.95 3.02 0.00	56.12 2.42 0.00	50.06 2.29 0.00	45.93 2.02 0.00	43.75 1.52 0.00	40.73 1.30 0.00	37.80 0.99 0.00
CPV_VALLEY___CC2 323722	33.59 1.04 0.00	31.34 0.94 0.00	30.85 0.96 0.00	29.98 0.85 0.00	31.15 0.88 0.00	34.57 0.87 0.00	44.38 1.42 0.00	49.06 2.20 0.00	47.80 2.10 0.00	44.91 1.77 0.00	42.06 1.14 0.00	41.22 1.16 0.00	41.21 1.24 0.00	42.49 1.24 0.00	43.55 1.35 0.00	45.08 1.90 0.00	50.36 2.26 0.00	58.95 3.02 0.00	56.12 2.42 0.00	50.06 2.29 0.00	45.93 2.02 0.00	43.75 1.52 0.00	40.73 1.30 0.00	37.80 0.99 0.00
CRESCENT___HYD 24018	33.91 1.37 0.00	31.64 1.25 0.00	31.12 1.23 0.00	30.30 1.17 0.00	31.49 1.21 0.00	34.91 1.21 0.00	44.64 1.67 0.00	49.10 2.25 0.00	47.76 2.06 0.00	44.99 1.85 0.00	42.10 1.19 0.00	41.26 1.20 0.00	41.25 1.28 0.00	42.66 1.40 0.00	43.72 1.52 0.00	45.13 1.94 0.00	50.31 2.21 0.00	58.84 2.91 0.00	56.33 2.63 0.00	50.10 2.34 0.00	46.06 2.15 0.00	43.96 1.73 0.00	41.01 1.58 0.00	38.17 1.36 0.00
CRICKET___VALLEY_CC1 323756	34.01 1.47 0.00	31.73 1.34 0.00	31.24 1.35 0.00	30.38 1.25 0.00	31.58 1.30 0.00	34.98 1.28 0.00	44.77 1.80 0.00	49.43 2.58 0.00	48.12 2.42 0.00	45.25 2.11 0.00	42.18 1.27 0.00	41.38 1.32 0.00	41.41 1.44 0.00	42.78 1.53 0.00	43.89 1.69 0.00	45.43 2.24 0.00	50.74 2.64 0.00	59.40 3.47 0.00	56.60 2.90 0.00	50.44 2.67 0.00	46.28 2.37 0.00	44.17 1.94 0.00	41.16 1.73 0.00	38.21 1.40 0.00
CRICKET___VALLEY_CC2 323757	34.01 1.47 0.00	31.73 1.34 0.00	31.24 1.35 0.00	30.38 1.25 0.00	31.58 1.30 0.00	34.98 1.28 0.00	44.77 1.80 0.00	49.43 2.58 0.00	48.12 2.42 0.00	45.25 2.11 0.00	42.18 1.27 0.00	41.38 1.32 0.00	41.41 1.44 0.00	42.78 1.53 0.00	43.89 1.69 0.00	45.43 2.24 0.00	50.74 2.64 0.00	59.40 3.47 0.00	56.60 2.90 0.00	50.44 2.67 0.00	46.28 2.37 0.00	44.17 1.94 0.00	41.16 1.73 0.00	38.21 1.40 0.00
CRICKET___VALLEY_CC3 323758	34.01 1.47 0.00	31.73 1.34 0.00	31.24 1.35 0.00	30.38 1.25 0.00	31.58 1.30 0.00	34.98 1.28 0.00	44.77 1.80 0.00	49.43 2.58 0.00	48.12 2.42 0.00	45.25 2.11 0.00	42.18 1.27 0.00	41.38 1.32 0.00	41.41 1.44 0.00	42.78 1.53 0.00	43.89 1.69 0.00	45.43 2.24 0.00	50.74 2.64 0.00	59.40 3.47 0.00	56.60 2.90 0.00	50.44 2.67 0.00	46.28 2.37 0.00	44.17 1.94 0.00	41.16 1.73 0.00	38.21 1.40 0.00
CRUCIBLE_METL_DRP 24180	32.19 -0.36 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.71 -0.26 0.00	46.67 -0.19 0.00	45.56 -0.14 0.00	42.75 -0.39 0.00	40.79 -0.12 0.00	39.90 -0.16 0.00	39.73 -0.24 0.00	40.96 -0.29 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.38 0.00	55.43 -0.50 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.56 -0.35 0.00	41.72 -0.51 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00
DAHOWA___HYDRO 323763	34.37 1.82 0.00	32.04 1.64 0.00	31.45 1.55 0.00	30.62 1.48 0.00	31.85 1.57 0.00	35.42 1.72 0.00	45.33 2.36 0.00	49.85 3.00 0.00	48.49 2.79 0.00	45.60 2.46 0.00	42.80 1.88 0.00	41.94 1.88 0.00	41.85 1.88 0.00	43.19 1.94 0.00	44.31 2.11 0.00	45.77 2.59 0.00	51.03 2.93 0.00	59.85 3.91 0.00	57.46 3.76 0.00	50.97 3.20 0.00	46.94 3.03 0.00	44.68 2.45 0.00	41.71 2.29 0.00	38.87 2.06 0.00
DANC___LFGE 323619	31.96 -0.58 0.00	29.85 -0.55 0.00	29.27 -0.63 0.00	28.52 -0.61 0.00	29.70 -0.58 0.00	33.26 -0.44 0.00	42.58 -0.39 0.00	46.53 -0.33 0.00	45.29 -0.41 0.00	42.71 -0.43 0.00	40.51 -0.41 0.00	39.54 -0.52 0.00	39.33 -0.64 0.00	40.64 -0.62 0.00	41.44 -0.76 0.00	42.62 -0.56 0.00	47.47 -0.63 0.00	55.43 -0.50 0.00	53.17 -0.54 0.00	47.24 -0.52 0.00	43.38 -0.52 0.00	41.42 -0.80 0.00	38.60 -0.83 0.00	36.07 -0.74 0.00
DANSKAMMER___1 23586	34.37 1.82 0.00	32.04 1.64 0.00	31.54 1.64 0.00	30.62 1.48 0.00	31.85 1.57 0.00	35.32 1.62 0.00	45.58 2.62 0.00	50.27 3.42 0.00	48.99 3.29 0.00	45.86 2.72 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.23 1.98 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.56 3.46 0.00	60.57 4.64 0.00	57.57 3.87 0.00	51.30 3.53 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.55 2.13 0.00	38.54 1.73 0.00
DANSKAMMER___2 23589	34.37 1.82 0.00	32.04 1.64 0.00	31.54 1.64 0.00	30.62 1.48 0.00	31.85 1.57 0.00	35.32 1.62 0.00	45.58 2.62 0.00	50.27 3.42 0.00	48.99 3.29 0.00	45.86 2.72 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.23 1.98 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.56 3.46 0.00	60.57 4.64 0.00	57.57 3.87 0.00	51.30 3.53 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.55 2.13 0.00	38.54 1.73 0.00
DANSKAMMER___3 23590	34.37 1.82 0.00	32.04 1.64 0.00	31.54 1.64 0.00	30.62 1.48 0.00	31.85 1.57 0.00	35.32 1.62 0.00	45.58 2.62 0.00	50.27 3.42 0.00	48.99 3.29 0.00	45.86 2.72 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.23 1.98 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.56 3.46 0.00	60.57 4.64 0.00	57.57 3.87 0.00	51.30 3.53 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.55 2.13 0.00	38.54 1.73 0.00

DANSKAMMER___4 23591	34.37 1.82 0.00	32.04 1.64 0.00	31.54 1.64 0.00	30.62 1.48 0.00	31.85 1.57 0.00	35.32 1.62 0.00	45.58 2.62 0.00	50.27 3.42 0.00	48.99 3.29 0.00	45.86 2.72 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.23 1.98 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.56 3.46 0.00	60.57 4.64 0.00	57.57 3.87 0.00	51.30 3.53 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.55 2.13 0.00	38.54 1.73 0.00
DANSKAMMER___DIESEL 23592	34.37 1.82 0.00	32.04 1.64 0.00	31.54 1.64 0.00	30.62 1.49 0.00	31.85 1.57 0.00	35.32 1.62 0.00	45.58 2.62 0.00	50.27 3.42 0.00	48.99 3.29 0.00	45.55 2.42 0.00	42.84 1.92 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.23 1.98 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.56 3.46 0.00	60.18 4.25 0.00	57.57 3.87 0.00	51.30 3.53 0.00	47.07 3.16 0.00	44.68 2.45 0.00	41.60 2.17 0.00	38.54 1.73 0.00
DARBY___SOLAR 323810	34.30 1.76 0.00	31.97 1.58 0.00	31.42 1.52 0.00	30.59 1.46 0.00	31.79 1.51 0.00	35.35 1.65 0.00	45.24 2.28 0.00	49.71 2.86 0.00	48.40 2.70 0.00	45.55 2.41 0.00	42.71 1.80 0.00	41.86 1.80 0.00	41.77 1.80 0.00	43.15 1.90 0.00	44.23 2.03 0.00	45.69 2.50 0.00	50.93 2.84 0.00	59.68 3.75 0.00	57.25 3.54 0.00	50.82 3.06 0.00	46.81 2.90 0.00	44.55 2.32 0.00	41.63 2.21 0.00	38.76 1.95 0.00
DASHVILLE___HYD 23610	34.04 1.50 0.00	31.73 1.34 0.00	31.24 1.35 0.00	30.33 1.19 0.00	31.55 1.27 0.00	34.98 1.28 0.00	45.07 2.11 0.00	49.66 2.81 0.00	48.35 2.65 0.00	44.99 1.85 0.00	42.31 1.39 0.00	41.34 1.28 0.00	41.37 1.40 0.00	42.70 1.44 0.00	43.80 1.60 0.00	45.43 2.25 0.00	50.98 2.89 0.00	59.40 3.47 0.00	56.76 3.06 0.00	50.63 2.87 0.00	46.41 2.50 0.00	44.17 1.94 0.00	41.20 1.77 0.00	38.17 1.36 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.31 3.84 -4.92	36.66 3.56 -2.71	36.80 3.59 -3.31	34.22 3.41 -1.68	34.65 3.51 -0.86	46.27 3.91 -8.66	52.94 5.67 -4.30	65.67 7.36 -11.46	59.70 6.86 -7.14	50.79 5.52 -2.14	51.17 4.95 -5.30	48.71 4.69 -3.97	48.69 4.76 -3.96	49.24 4.91 -3.07	51.12 5.23 -3.69	52.82 6.26 -3.38	63.77 7.41 -8.26	78.86 8.95 -13.98	75.65 8.38 -13.57	66.81 7.40 -11.65	58.41 6.81 -7.70	55.40 5.83 -7.34	50.32 5.09 -5.81	46.75 4.38 -5.56
DELAWARE___LFGE 323621	33.59 1.04 0.00	31.37 0.97 0.00	30.82 0.93 0.00	30.01 0.87 0.00	31.18 0.91 0.00	34.81 1.11 0.00	44.64 1.68 0.00	49.06 2.20 0.00	47.85 2.15 0.00	44.82 1.68 0.00	42.47 1.55 0.00	41.58 1.52 0.00	41.49 1.52 0.00	42.78 1.53 0.00	43.68 1.48 0.00	45.04 1.86 0.00	50.21 2.12 0.00	58.39 2.46 0.00	56.01 2.31 0.00	49.91 2.15 0.00	45.84 1.93 0.00	43.75 1.52 0.00	40.77 1.34 0.00	38.02 1.21 0.00
DERFIELD_115KV_TB7 355931	32.74 0.20 0.00	30.58 0.18 0.00	30.08 0.18 0.00	29.31 0.17 0.00	30.46 0.18 0.00	33.87 0.17 0.00	43.26 0.30 0.00	47.37 0.52 0.00	46.16 0.46 0.00	43.44 0.30 0.00	41.16 0.25 0.00	40.26 0.20 0.00	40.21 0.24 0.00	41.50 0.25 0.00	42.45 0.25 0.00	43.57 0.39 0.00	48.58 0.48 0.00	56.49 0.56 0.00	54.19 0.48 0.00	48.24 0.48 0.00	44.35 0.44 0.00	42.52 0.30 0.00	39.66 0.24 0.00	36.99 0.18 0.00
DOGLEVILLE___HYD 23807	33.26 0.72 0.00	31.06 0.67 0.00	30.55 0.66 0.00	29.77 0.64 0.00	30.97 0.70 0.00	34.54 0.84 0.00	44.16 1.20 0.00	48.35 1.50 0.00	47.16 1.46 0.00	44.52 1.38 0.00	42.10 1.19 0.00	41.22 1.16 0.00	41.13 1.16 0.00	42.45 1.20 0.00	43.38 1.18 0.00	44.60 1.42 0.00	49.68 1.58 0.00	57.89 1.96 0.00	55.42 1.72 0.00	49.25 1.48 0.00	45.18 1.27 0.00	43.41 1.18 0.00	40.49 1.06 0.00	37.76 0.96 0.00
DUNKIRK___115KV_TB_200 55889	31.47 -1.07 0.00	29.45 -0.94 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	33.60 -0.10 0.00	42.06 -0.90 0.00	45.82 -1.03 0.00	44.92 -0.78 0.00	41.71 -1.42 0.00	40.63 -0.29 0.00	39.66 -0.40 0.00	39.17 -0.80 0.00	39.93 -1.32 0.00	40.51 -1.69 0.00	41.58 -1.60 0.00	45.84 -2.26 0.00	53.02 -2.91 0.00	51.39 -2.31 0.00	45.33 -2.44 0.00	42.20 -1.71 0.00	40.24 -1.98 0.00	37.73 -1.70 0.00	36.40 -0.40 0.00
DUNKIRK___1 23563	31.47 -1.07 0.00	29.45 -0.94 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	33.60 -0.10 0.00	42.06 -0.90 0.00	45.82 -1.03 0.00	44.92 -0.78 0.00	41.71 -1.42 0.00	40.63 -0.29 0.00	39.66 -0.40 0.00	39.17 -0.80 0.00	39.93 -1.32 0.00	40.51 -1.69 0.00	41.58 -1.60 0.00	45.84 -2.26 0.00	53.02 -2.91 0.00	51.39 -2.31 0.00	45.33 -2.44 0.00	42.20 -1.71 0.00	40.24 -1.98 0.00	37.73 -1.70 0.00	36.40 -0.40 0.00
DUNKIRK___2 23564	31.47 -1.07 0.00	29.45 -0.94 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	33.60 -0.10 0.00	42.06 -0.90 0.00	45.82 -1.03 0.00	44.92 -0.78 0.00	41.71 -1.42 0.00	40.63 -0.29 0.00	39.66 -0.40 0.00	39.17 -0.80 0.00	39.93 -1.32 0.00	40.51 -1.69 0.00	41.58 -1.60 0.00	45.84 -2.26 0.00	53.02 -2.91 0.00	51.39 -2.31 0.00	45.33 -2.44 0.00	42.20 -1.71 0.00	40.24 -1.98 0.00	37.73 -1.70 0.00	36.40 -0.40 0.00
DUNKIRK___3 23565	31.44 -1.11 0.00	29.42 -0.97 0.00	28.97 -0.93 0.00	28.26 -0.87 0.00	29.43 -0.85 0.00	33.53 -0.17 0.00	41.98 -0.99 0.00	45.73 -1.12 0.00	44.79 -0.91 0.00	41.58 -1.55 0.00	40.51 -0.41 0.00	39.54 -0.52 0.00	39.05 -0.92 0.00	39.85 -1.40 0.00	40.43 -1.77 0.00	41.50 -1.68 0.00	45.74 -2.36 0.00	52.91 -3.02 0.00	51.23 -2.47 0.00	45.23 -2.53 0.00	42.11 -1.80 0.00	40.16 -2.07 0.00	37.65 -1.77 0.00	36.29 -0.52 0.00
DUNKIRK___4 23566	31.41 -1.14 0.00	29.36 -1.03 0.00	28.94 -0.96 0.00	28.23 -0.90 0.00	29.40 -0.88 0.00	33.50 -0.20 0.00	41.93 -1.03 0.00	45.63 -1.22 0.00	44.74 -0.96 0.00	41.58 -1.55 0.00	40.51 -0.41 0.00	39.54 -0.52 0.00	39.01 -0.96 0.00	39.81 -1.44 0.00	40.39 -1.81 0.00	41.41 -1.77 0.00	45.64 -2.45 0.00	52.80 -3.13 0.00	51.18 -2.52 0.00	45.14 -2.63 0.00	42.02 -1.89 0.00	40.12 -2.11 0.00	37.61 -1.81 0.00	36.29 -0.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.17 1.63 0.00	31.88 1.49 0.00	31.39 1.49 0.00	30.50 1.37 0.00	31.70 1.42 0.00	35.15 1.45 0.00	45.24 2.28 0.00	50.23 3.37 0.00	48.95 3.24 0.00	45.68 2.55 0.00	42.96 2.05 0.00	42.10 2.04 0.00	42.09 2.12 0.00	43.44 2.19 0.00	44.52 2.32 0.00	46.20 3.02 0.00	51.61 3.51 0.00	60.13 4.19 0.00	57.52 3.81 0.00	51.25 3.49 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.63 2.21 0.00	38.54 1.73 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.04 1.50 0.00	31.76 1.37 0.00	31.27 1.38 0.00	30.36 1.22 0.00	31.58 1.30 0.00	35.01 1.31 0.00	45.11 2.15 0.00	49.80 2.95 0.00	48.53 2.83 0.00	45.21 2.07 0.00	42.55 1.64 0.00	41.62 1.56 0.00	41.61 1.64 0.00	42.94 1.69 0.00	44.06 1.86 0.00	45.64 2.46 0.00	51.13 3.03 0.00	59.57 3.64 0.00	56.98 3.28 0.00	50.82 3.06 0.00	46.63 2.72 0.00	44.34 2.11 0.00	41.28 1.85 0.00	38.24 1.44 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.50 1.95 -0.01	32.17 1.76 -0.01	31.73 1.82 -0.01	30.82 1.69 0.00	31.97 1.70 0.00	35.28 1.58 0.00	45.33 2.36 0.00	50.32 3.47 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.00 2.09 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.38 3.20 0.00	51.75 3.66 0.00	60.34 4.42 0.01	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.83 2.41 0.00	38.76 1.95 0.00
E179THST_13_KV_LOAD 356214	34.60 2.05 -0.01	32.29 1.88 -0.01	31.82 1.91 -0.01	30.91 1.78 0.00	32.06 1.79 0.00	35.38 1.68 0.00	45.50 2.53 0.00	50.51 3.65 0.00	49.27 3.56 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.99 3.90 0.00	60.62 4.70 0.01	57.95 4.24 0.00	51.63 3.87 0.00	47.29 3.38 0.00	44.97 2.74 0.00	41.99 2.56 0.00	38.91 2.10 0.00
EAST HAMPTON___GT 23717	41.63 4.17 -4.92	36.94 3.83 -2.71	37.07 3.86 -3.31	34.48 3.67 -1.68	34.89 3.75 -0.86	46.57 4.21 -8.66	53.41 6.14 -4.30	66.18 7.87 -11.46	60.20 7.36 -7.14	51.62 6.34 -2.14	51.54 5.32 -5.30	49.12 5.09 -3.97	49.05 5.12 -3.96	49.61 5.28 -3.07	51.55 5.66 -3.69	53.21 6.65 -3.38	64.25 7.89 -8.26	79.98 10.06 -13.98	76.29 9.02 -13.57	67.53 8.12 -11.65	58.89 7.29 -7.70	55.82 6.25 -7.34	50.68 5.44 -5.81	47.08 4.71 -5.56
EAST RIVER___6 23660	34.11 1.56 0.00	31.79 1.40 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.61 1.33 0.00	35.01 1.31 0.00	45.20 2.23 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.16 3.02 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.38 3.20 0.00	51.71 3.61 0.00	60.74 4.81 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.51 2.09 0.00	38.43 1.62 0.00
EAST RIVER___7 23524	34.11 1.56 0.00	31.79 1.40 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.61 1.33 0.00	35.01 1.31 0.00	45.20 2.23 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.16 3.02 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.38 3.20 0.00	51.71 3.61 0.00	60.74 4.81 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.51 2.09 0.00	38.43 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.17 1.63 0.00	31.85 1.46 0.00	31.36 1.46 0.00	30.50 1.37 0.00	31.67 1.39 0.00	35.11 1.42 0.00	45.20 2.23 0.00	50.13 3.28 0.00	48.85 3.15 0.00	45.60 2.46 0.00	42.88 1.96 0.00	42.02 1.96 0.00	42.01 2.04 0.00	43.36 2.10 0.00	44.44 2.24 0.00	46.12 2.94 0.00	51.51 3.41 0.00	60.01 4.08 0.00	57.41 3.71 0.00	51.16 3.39 0.00	46.94 3.03 0.00	44.64 2.41 0.00	41.56 2.13 0.00	38.47 1.66 0.00
EAST_HAMPTON___DIESEL 23722	41.63 4.17 -4.92	36.94 3.83 -2.71	37.09 3.88 -3.31	34.48 3.67 -1.68	34.92 3.78 -0.86	46.61 4.25 -8.66	53.41 6.14 -4.30	66.23 7.92 -11.46	60.20 7.36 -7.14	51.62 6.34 -2.14	51.54 5.32 -5.30	49.12 5.09 -3.97	49.05 5.12 -3.96	49.61 5.28 -3.07	51.55 5.66 -3.69	53.25 6.69 -3.38	64.30 7.93 -8.26	79.98 10.06 -13.98	76.29 9.02 -13.57	67.53 8.12 -11.65	58.89 7.29 -7.70	55.86 6.29 -7.34	50.68 5.44 -5.81	47.12 4.75 -5.56
EAST_PULASKI___ESR 323781	31.89 -0.65 0.00	29.79 -0.61 0.00	29.27 -0.63 0.00	28.52 -0.61 0.00	29.64 -0.64 0.00	33.16 -0.54 0.00	42.36 -0.60 0.00	46.29 -0.56 0.00	45.11 -0.59 0.00	42.36 -0.78 0.00	40.38 -0.53 0.00	39.42 -0.64 0.00	39.25 -0.72 0.00	40.51 -0.74 0.00	41.36 -0.84 0.00	42.49 -0.69 0.00	47.23 -0.87 0.00	54.92 -1.01 0.00	52.84 -0.86 0.00	46.91 -0.86 0.00	43.12 -0.79 0.00	41.26 -0.97 0.00	38.48 -0.95 0.00	36.00 -0.81 0.00
EAST_RIVER___1 323558	34.20 1.66 0.00	31.88 1.49 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.73 1.45 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.37 3.52 0.00	49.08 3.38 0.00	46.16 3.02 0.00	43.04 2.13 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.38 3.20 0.00	51.71 3.61 0.00	60.74 4.81 0.00	57.62 3.92 0.00	51.39 3.63 0.00	47.11 3.20 0.00	44.76 2.53 0.00	41.63 2.21 0.00	38.58 1.77 0.00
EAST_RIVER___2 323559	34.11 1.56 0.00	31.79 1.40 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.61 1.33 0.00	35.01 1.31 0.00	45.20 2.23 0.00	50.32 3.47 0.00	49.03 3.33 0.00	46.16 3.02 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.60 2.40 0.00	46.38 3.20 0.00	51.71 3.61 0.00	60.74 4.81 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.72 2.49 0.00	41.51 2.09 0.00	38.43 1.62 0.00
EAST___DELAWARE_HYD 23607	34.37 1.82 0.00	32.00 1.61 0.00	31.51 1.61 0.00	30.59 1.46 0.00	31.85 1.57 0.00	35.42 1.72 0.00	45.72 2.75 0.00	50.37 3.52 0.00	49.08 3.38 0.00	45.94 2.80 0.00	42.92 2.00 0.00	41.98 1.92 0.00	41.97 2.00 0.00	43.31 2.06 0.00	44.39 2.19 0.00	46.03 2.85 0.00	51.66 3.56 0.00	60.68 4.75 0.00	57.57 3.87 0.00	51.35 3.58 0.00	47.11 3.20 0.00	44.76 2.53 0.00	41.59 2.17 0.00	38.61 1.80 0.00
EIGHT_POINT___WT_PWR 323820	31.80 -0.75 0.00	29.85 -0.55 0.00	29.33 -0.57 0.00	28.70 -0.44 0.00	29.91 -0.36 0.00	34.14 0.44 0.00	43.27 0.30 0.00	47.37 0.52 0.00	46.39 0.69 0.00	44.17 1.03 0.00	41.98 1.06 0.00	40.70 0.64 0.00	40.09 0.12 0.00	40.97 -0.29 0.00	41.61 -0.59 0.00	42.71 -0.47 0.00	47.38 -0.72 0.00	55.65 -0.28 0.00	52.84 -0.86 0.00	46.52 -1.24 0.00	43.12 -0.79 0.00	41.17 -1.05 0.00	38.76 -0.67 0.00	36.92 0.11 0.00
ELBRIDGE_115KV_TB2 80188	32.02 -0.52 0.00	29.94 -0.46 0.00	29.42 -0.48 0.00	28.67 -0.47 0.00	29.79 -0.48 0.00	33.36 -0.34 0.00	42.49 -0.47 0.00	46.43 -0.42 0.00	45.33 -0.37 0.00	42.53 -0.60 0.00	40.59 -0.33 0.00	39.70 -0.36 0.00	39.53 -0.44 0.00	40.72 -0.54 0.00	41.57 -0.63 0.00	42.66 -0.52 0.00	47.42 -0.67 0.00	55.15 -0.78 0.00	53.06 -0.64 0.00	47.10 -0.67 0.00	43.34 -0.57 0.00	41.51 -0.72 0.00	38.76 -0.67 0.00	36.37 -0.44 0.00
ELEC_TRO_TEK 24086	39.62 2.15 -4.92	35.05 1.95 -2.71	35.18 1.97 -3.31	32.65 1.84 -1.68	33.02 1.88 -0.86	44.35 1.99 -8.66	50.23 2.96 -4.30	62.39 4.08 -11.46	56.77 3.93 -7.14	48.47 3.19 -2.14	48.92 2.70 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.55 4.18 -8.26	74.95 5.03 -13.98	71.89 4.62 -13.57	63.61 4.20 -11.65	55.34 3.73 -7.70	52.65 3.08 -7.34	47.99 2.76 -5.81	44.65 2.28 -5.56
ELLENBURG_WT_PWR 323604	32.12 -0.42 0.00	29.97 -0.43 0.00	29.54 -0.36 0.00	28.96 -0.17 0.00	30.25 -0.03 0.00	33.70 0.00 0.00	42.58 -0.39 0.00	46.01 -0.84 0.00	45.06 -0.64 0.00	42.62 -0.52 0.00	41.16 0.25 0.00	40.54 0.48 0.00	40.45 0.48 0.00	41.95 0.70 0.00	43.00 0.80 0.00	43.61 0.43 0.00	48.77 0.67 0.00	56.33 0.39 0.00	54.62 0.91 0.00	48.38 0.62 0.00	44.44 0.53 0.00	43.03 0.80 0.00	40.02 0.59 0.00	37.62 0.81 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.98 -1.56 0.00	29.00 -1.40 0.00	28.52 -1.38 0.00	27.82 -1.31 0.00	28.97 -1.30 0.00	32.99 -0.71 0.00	41.12 -1.85 0.00	44.65 -2.20 0.00	43.78 -1.92 0.00	40.68 -2.46 0.00	39.73 -1.19 0.00	38.78 -1.28 0.00	38.29 -1.68 0.00	39.07 -2.19 0.00	39.63 -2.57 0.00	40.68 -2.50 0.00	44.73 -3.37 0.00	51.68 -4.25 0.00	50.16 -3.54 0.00	44.23 -3.53 0.00	41.19 -2.72 0.00	39.31 -2.91 0.00	36.86 -2.56 0.00	35.71 -1.10 0.00
EMPIRE_CC_1 323656	33.59 1.04 0.00	31.40 1.00 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.24 0.97 0.00	34.57 0.87 0.00	43.99 1.03 0.00	48.40 1.54 0.00	47.12 1.42 0.00	44.39 1.25 0.00	41.45 0.53 0.00	40.70 0.64 0.00	40.73 0.76 0.00	42.08 0.82 0.00	43.13 0.93 0.00	44.52 1.34 0.00	49.68 1.58 0.00	58.06 2.12 0.00	55.47 1.77 0.00	49.39 1.62 0.00	45.40 1.49 0.00	43.32 1.10 0.00	40.45 1.02 0.00	37.73 0.92 0.00
EMPIRE_CC_2 323658	33.59 1.04 0.00	31.40 1.00 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.24 0.97 0.00	34.57 0.87 0.00	43.99 1.03 0.00	48.40 1.54 0.00	47.12 1.42 0.00	44.39 1.25 0.00	41.45 0.53 0.00	40.70 0.64 0.00	40.73 0.76 0.00	42.08 0.82 0.00	43.13 0.93 0.00	44.52 1.34 0.00	49.68 1.58 0.00	58.06 2.12 0.00	55.47 1.77 0.00	49.39 1.62 0.00	45.40 1.49 0.00	43.32 1.10 0.00	40.45 1.02 0.00	37.73 0.92 0.00
ENORWICH_115KV_TB1 80156	34.89 2.34 0.00	32.67 2.28 0.00	31.99 2.09 0.00	31.17 2.04 0.00	32.52 2.24 0.00	36.80 3.10 0.00	47.56 4.60 0.00	52.43 5.58 0.00	51.00 5.30 0.00	47.49 4.36 0.00	45.37 4.46 0.00	44.42 4.37 0.00	44.25 4.28 0.00	45.46 4.21 0.00	46.17 3.97 0.00	47.67 4.49 0.00	53.29 5.19 0.00	62.08 6.15 0.00	59.61 5.91 0.00	52.92 5.16 0.00	48.47 4.57 0.00	45.99 3.76 0.00	42.78 3.35 0.00	40.16 3.35 0.00
ERIE_ST__34_KV_TB1-2 80199	31.70 -0.85 0.00	29.67 -0.73 0.00	29.21 -0.69 0.00	28.46 -0.67 0.00	29.67 -0.61 0.00	33.80 0.10 0.00	42.28 -0.69 0.00	46.15 -0.70 0.00	45.24 -0.46 0.00	42.06 -1.08 0.00	40.96 0.04 0.00	39.98 -0.08 0.00	39.49 -0.48 0.00	40.30 -0.95 0.00	40.85 -1.35 0.00	41.93 -1.25 0.00	46.22 -1.88 0.00	53.53 -2.41 0.00	51.82 -1.88 0.00	45.76 -2.01 0.00	42.55 -1.36 0.00	40.54 -1.69 0.00	38.01 -1.42 0.00	36.59 -0.22 0.00
ERIE_WT_PWR 323693	31.24 -1.30 0.00	29.33 -1.06 0.00	28.79 -1.11 0.00	28.09 -1.05 0.00	29.25 -1.03 0.00	33.33 -0.37 0.00	41.59 -1.38 0.00	45.21 -1.64 0.00	44.37 -1.33 0.00	42.58 -0.56 0.00	40.43 -0.49 0.00	39.26 -0.80 0.00	38.73 -1.24 0.00	39.52 -1.73 0.00	40.09 -2.11 0.00	41.15 -2.03 0.00	45.40 -2.69 0.00	53.42 -2.52 0.00	50.75 -2.95 0.00	44.76 -3.01 0.00	41.71 -2.19 0.00	39.78 -2.45 0.00	37.61 -1.81 0.00	36.11 -0.70 0.00
ESPRGFLD_115KV_TB1 80157	33.88 1.33 0.00	31.64 1.25 0.00	31.03 1.14 0.00	30.21 1.08 0.00	31.46 1.18 0.00	35.32 1.62 0.00	45.46 2.49 0.00	49.80 2.95 0.00	48.49 2.79 0.00	45.34 2.20 0.00	43.04 2.13 0.00	42.10 2.04 0.00	41.93 1.96 0.00	43.23 1.98 0.00	44.14 1.94 0.00	45.60 2.42 0.00	50.93 2.84 0.00	59.40 3.47 0.00	57.09 3.38 0.00	50.73 2.96 0.00	46.63 2.72 0.00	44.47 2.24 0.00	41.36 1.93 0.00	38.58 1.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.06 0.52 0.00	30.88 0.49 0.00	30.34 0.45 0.00	29.57 0.44 0.00	30.76 0.48 0.00	34.57 0.88 0.00	44.21 1.25 0.00	48.45 1.59 0.00	47.25 1.55 0.00	44.13 0.99 0.00	42.14 1.23 0.00	41.22 1.16 0.00	41.01 1.04 0.00	42.20 0.95 0.00	43.00 0.80 0.00	44.26 1.08 0.00	49.35 1.25 0.00	57.44 1.51 0.00	55.26 1.56 0.00	49.01 1.24 0.00	45.05 1.14 0.00	43.03 0.80 0.00	40.14 0.71 0.00	37.69 0.88 0.00
ETNA____115KV_TB2 80207	33.06 0.52 0.00	30.88 0.49 0.00	30.34 0.45 0.00	29.57 0.44 0.00	30.76 0.48 0.00	34.57 0.88 0.00	44.21 1.25 0.00	48.45 1.59 0.00	47.25 1.55 0.00	44.13 0.99 0.00	42.14 1.23 0.00	41.22 1.16 0.00	41.01 1.04 0.00	42.20 0.95 0.00	43.00 0.80 0.00	44.26 1.08 0.00	49.35 1.25 0.00	57.44 1.51 0.00	55.26 1.56 0.00	49.01 1.24 0.00	45.05 1.14 0.00	43.03 0.80 0.00	40.14 0.71 0.00	37.69 0.88 0.00
EUCLID___115KV_TB2 356179	31.83 -0.72 0.00	29.76 -0.64 0.00	29.24 -0.66 0.00	28.49 -0.64 0.00	29.61 -0.67 0.00	33.13 -0.57 0.00	42.10 -0.86 0.00	46.01 -0.84 0.00	44.88 -0.82 0.00	42.15 -0.99 0.00	40.18 -0.74 0.00	39.30 -0.76 0.00	39.13 -0.84 0.00	40.35 -0.91 0.00	41.19 -1.01 0.00	42.27 -0.91 0.00	47.04 -1.06 0.00	54.65 -1.29 0.00	52.52 -1.18 0.00	46.67 -1.10 0.00	42.94 -0.97 0.00	41.17 -1.06 0.00	38.44 -0.99 0.00	36.04 -0.77 0.00
E_CANADA_CAP_HY 24051	34.01 1.47 0.00	31.79 1.40 0.00	31.18 1.28 0.00	30.36 1.22 0.00	31.61 1.33 0.00	35.38 1.68 0.00	45.58 2.62 0.00	49.81 2.95 0.00	48.44 2.74 0.00	45.51 2.37 0.00	42.84 1.92 0.00	41.86 1.80 0.00	41.73 1.76 0.00	43.03 1.77 0.00	44.01 1.81 0.00	45.60 2.42 0.00	51.03 2.93 0.00	59.90 3.97 0.00	57.41 3.70 0.00	50.92 3.15 0.00	46.85 2.94 0.00	44.76 2.53 0.00	41.59 2.17 0.00	38.72 1.91 0.00
E_CANADA_MHWK_HY 24050	33.26 0.72 0.00	31.06 0.67 0.00	30.55 0.66 0.00	29.77 0.64 0.00	30.97 0.70 0.00	34.54 0.84 0.00	44.16 1.20 0.00	48.35 1.50 0.00	47.16 1.46 0.00	44.52 1.38 0.00	42.10 1.19 0.00	41.22 1.16 0.00	41.13 1.16 0.00	42.45 1.20 0.00	43.38 1.18 0.00	44.60 1.42 0.00	49.68 1.58 0.00	57.89 1.96 0.00	55.42 1.72 0.00	49.25 1.48 0.00	45.18 1.27 0.00	43.41 1.18 0.00	40.49 1.06 0.00	37.76 0.96 0.00
E_FISHKILL___LBMP 23776	33.98 1.43 0.00	31.70 1.31 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.55 1.27 0.00	34.95 1.25 0.00	44.90 1.93 0.00	49.66 2.81 0.00	48.40 2.70 0.00	45.21 2.07 0.00	42.51 1.60 0.00	41.66 1.60 0.00	41.65 1.68 0.00	42.99 1.73 0.00	44.06 1.86 0.00	45.64 2.46 0.00	50.98 2.89 0.00	59.40 3.47 0.00	56.82 3.11 0.00	50.68 2.91 0.00	46.50 2.59 0.00	44.30 2.07 0.00	41.28 1.85 0.00	38.24 1.44 0.00
FALCON___SEABRD_CC1 323796	32.58 0.03 0.00	30.43 0.03 0.00	29.99 0.09 0.00	29.42 0.29 0.00	30.73 0.45 0.00	34.24 0.54 0.00	43.05 0.09 0.00	46.48 -0.38 0.00	45.56 -0.14 0.00	43.09 -0.04 0.00	41.61 0.69 0.00	40.94 0.88 0.00	40.85 0.88 0.00	42.41 1.15 0.00	43.42 1.22 0.00	44.00 0.82 0.00	49.25 1.15 0.00	56.94 1.01 0.00	55.20 1.50 0.00	48.86 1.10 0.00	44.87 0.96 0.00	43.45 1.23 0.00	40.41 0.99 0.00	38.21 1.40 0.00
FALCON___SEABRD_CC2 323797	32.58 0.03 0.00	30.43 0.03 0.00	29.99 0.09 0.00	29.42 0.29 0.00	30.73 0.45 0.00	34.24 0.54 0.00	43.05 0.09 0.00	46.48 -0.38 0.00	45.56 -0.14 0.00	43.09 -0.04 0.00	41.61 0.69 0.00	40.94 0.88 0.00	40.85 0.88 0.00	42.41 1.15 0.00	43.42 1.22 0.00	44.00 0.82 0.00	49.25 1.15 0.00	56.94 1.01 0.00	55.20 1.50 0.00	48.86 1.10 0.00	44.87 0.96 0.00	43.45 1.23 0.00	40.41 0.99 0.00	38.21 1.40 0.00

FAR ROCKAWAY___4 23548	40.01 2.54 -4.92	35.42 2.31 -2.71	35.54 2.33 -3.31	32.97 2.16 -1.68	33.38 2.24 -0.86	44.75 2.39 -8.66	50.79 3.52 -4.30	63.04 4.73 -11.46	57.41 4.57 -7.14	49.03 3.75 -2.14	49.45 3.23 -5.30	47.19 3.16 -3.97	47.17 3.24 -3.96	47.63 3.30 -3.07	49.35 3.46 -3.69	50.75 4.19 -3.38	60.74 4.38 -8.26	74.67 4.75 -13.98	71.68 4.40 -13.57	63.81 4.39 -11.65	55.51 3.91 -7.70	53.24 3.67 -7.34	48.55 3.31 -5.81	45.13 2.76 -5.56
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.27 1.72 0.00	31.95 1.55 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.12 2.21 0.00	42.26 2.20 0.00	42.25 2.28 0.00	43.56 2.31 0.00	44.69 2.49 0.00	46.38 3.20 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.68 3.97 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.85 2.62 0.00	41.75 2.33 0.00	38.61 1.80 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.27 1.72 0.00	31.95 1.55 0.00	31.48 1.58 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.12 2.21 0.00	42.26 2.20 0.00	42.25 2.28 0.00	43.56 2.31 0.00	44.69 2.49 0.00	46.38 3.20 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.68 3.97 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.85 2.62 0.00	41.75 2.33 0.00	38.61 1.80 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.86 2.72 0.00	43.08 2.17 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.38 3.20 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.11 3.21 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.58 1.77 0.00
FARRAGUT___LBMP 323566	34.20 1.66 0.00	31.91 1.52 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.73 1.45 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.70 3.61 0.00	60.24 4.31 0.00	57.57 3.87 0.00	51.35 3.58 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
FENNER___WINDPWR 24204	33.13 0.59 0.00	30.97 0.58 0.00	30.40 0.51 0.00	29.63 0.49 0.00	30.82 0.55 0.00	34.54 0.84 0.00	44.16 1.20 0.00	48.31 1.45 0.00	47.07 1.37 0.00	44.39 1.25 0.00	42.06 1.14 0.00	41.10 1.04 0.00	40.93 0.96 0.00	42.20 0.95 0.00	43.09 0.89 0.00	44.30 1.12 0.00	49.35 1.25 0.00	57.61 1.68 0.00	55.10 1.39 0.00	48.96 1.19 0.00	45.01 1.10 0.00	43.03 0.80 0.00	40.17 0.75 0.00	37.58 0.77 0.00
FIBERTEK___ENERGY 23856	32.19 -0.36 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.71 -0.26 0.00	46.67 -0.19 0.00	45.56 -0.14 0.00	42.75 -0.39 0.00	40.79 -0.12 0.00	39.90 -0.16 0.00	39.73 -0.24 0.00	40.96 -0.29 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.38 0.00	55.43 -0.50 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.56 -0.35 0.00	41.72 -0.51 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00
FITZPATRICK___ 23598	31.37 -1.17 0.00	29.30 -1.09 0.00	28.82 -1.08 0.00	28.09 -1.05 0.00	29.19 -1.09 0.00	32.55 -1.15 0.00	41.46 -1.50 0.00	45.26 -1.59 0.00	44.19 -1.51 0.00	41.76 -1.38 0.00	39.57 -1.35 0.00	38.69 -1.36 0.00	38.57 -1.40 0.00	39.77 -1.48 0.00	40.60 -1.60 0.00	41.67 -1.51 0.00	46.37 -1.73 0.00	54.03 -1.90 0.00	51.77 -1.93 0.00	46.00 -1.77 0.00	42.33 -1.58 0.00	40.58 -1.65 0.00	37.93 -1.50 0.00	35.52 -1.29 0.00
FLOWRFLD_69_KV_BK1 356044	40.23 2.77 -4.92	35.66 2.55 -2.71	35.78 2.57 -3.31	33.26 2.45 -1.68	33.65 2.51 -0.86	45.06 2.70 -8.66	51.18 3.91 -4.30	63.60 5.29 -11.46	57.87 5.03 -7.14	49.33 4.05 -2.14	49.74 3.52 -5.30	47.47 3.44 -3.97	47.45 3.52 -3.96	47.96 3.63 -3.07	49.73 3.84 -3.69	51.22 4.66 -3.38	61.84 5.48 -8.26	76.35 6.43 -13.98	73.29 6.01 -13.57	64.76 5.35 -11.65	56.57 4.96 -7.70	53.67 4.10 -7.34	48.90 3.67 -5.81	45.46 3.09 -5.56
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.43 1.89 0.00	32.07 1.67 0.00	31.57 1.67 0.00	30.68 1.54 0.00	31.88 1.60 0.00	35.38 1.68 0.00	45.63 2.66 0.00	50.32 3.47 0.00	49.08 3.38 0.00	45.64 2.50 0.00	42.88 1.96 0.00	41.94 1.88 0.00	41.93 1.96 0.00	43.27 2.02 0.00	44.39 2.19 0.00	46.07 2.89 0.00	51.66 3.56 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.11 3.21 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.61 1.80 0.00
FORT ORANGE___ 23900	33.59 1.04 0.00	31.40 1.00 0.00	30.91 1.02 0.00	30.12 0.99 0.00	31.24 0.97 0.00	34.41 0.71 0.00	43.99 1.03 0.00	48.31 1.45 0.00	47.07 1.37 0.00	44.26 1.12 0.00	41.45 0.53 0.00	40.62 0.56 0.00	40.61 0.64 0.00	41.95 0.70 0.00	43.00 0.80 0.00	44.39 1.21 0.00	49.54 1.44 0.00	58.00 2.07 0.00	55.42 1.72 0.00	49.34 1.57 0.00	45.35 1.45 0.00	43.24 1.01 0.00	40.29 0.87 0.00	37.55 0.74 0.00
FORT_DRUM_COGEN 23780	32.06 -0.49 0.00	29.94 -0.46 0.00	29.36 -0.54 0.00	28.61 -0.52 0.00	29.79 -0.48 0.00	33.40 -0.30 0.00	42.88 -0.09 0.00	46.90 0.05 0.00	45.52 -0.18 0.00	42.79 -0.35 0.00	40.75 -0.16 0.00	39.74 -0.32 0.00	39.53 -0.44 0.00	40.84 -0.41 0.00	41.65 -0.55 0.00	42.88 -0.30 0.00	47.90 -0.19 0.00	55.93 0.00 0.00	53.70 0.00 0.00	47.76 0.00 0.00	43.78 -0.13 0.00	41.81 -0.42 0.00	38.84 -0.59 0.00	36.26 -0.55 0.00
FOX_HILLS___ESR 323835	34.50 1.95 -0.01	32.17 1.76 -0.01	31.67 1.76 -0.01	30.71 1.57 0.00	31.94 1.67 0.00	35.28 1.58 0.00	45.50 2.53 0.00	50.55 3.70 0.00	49.27 3.56 0.00	45.98 2.85 0.00	43.17 2.25 0.00	42.30 2.24 0.00	42.29 2.32 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.59 3.41 0.00	51.99 3.90 0.00	72.35 4.64 -11.78	140.08 4.24 -82.13	51.63 3.87 0.00	47.33 3.42 0.00	45.06 2.83 0.00	41.95 2.52 0.00	38.87 2.06 0.00
FPL_FAR_ROCK_GT1 24212	40.01 2.54 -4.92	35.42 2.31 -2.71	35.54 2.33 -3.31	32.97 2.16 -1.68	33.38 2.24 -0.86	44.75 2.39 -8.66	50.79 3.52 -4.30	63.04 4.73 -11.46	57.41 4.57 -7.14	49.37 4.10 -2.14	49.41 3.19 -5.30	47.19 3.16 -3.97	47.17 3.24 -3.96	47.63 3.30 -3.07	49.35 3.46 -3.69	50.79 4.23 -3.38	60.69 4.33 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.37 3.96 -11.65	55.51 3.91 -7.70	53.24 3.67 -7.34	48.51 3.27 -5.81	45.13 2.76 -5.56
FPL_FAR_ROCK_GT2 23815	40.01 2.54 -4.92	35.42 2.31 -2.71	35.54 2.33 -3.31	32.97 2.16 -1.68	33.38 2.24 -0.86	44.75 2.39 -8.66	50.79 3.52 -4.30	63.04 4.73 -11.46	57.41 4.57 -7.14	49.37 4.10 -2.14	49.41 3.19 -5.30	47.19 3.16 -3.97	47.17 3.24 -3.96	47.63 3.30 -3.07	49.35 3.46 -3.69	50.79 4.23 -3.38	60.69 4.33 -8.26	75.12 5.20 -13.98	71.68 4.40 -13.57	63.37 3.96 -11.65	55.51 3.91 -7.70	53.24 3.67 -7.34	48.51 3.27 -5.81	45.13 2.76 -5.56

FRANKLIN_FALL_HYD 24054	32.45 -0.10 0.00	30.27 -0.12 0.00	29.84 -0.06 0.00	29.25 0.12 0.00	30.52 0.24 0.00	33.97 0.27 0.00	43.09 0.13 0.00	46.57 -0.28 0.00	45.65 -0.05 0.00	43.61 0.47 0.00	41.57 0.65 0.00	40.82 0.76 0.00	40.65 0.68 0.00	42.20 0.95 0.00	43.17 0.97 0.00	43.66 0.47 0.00	48.87 0.77 0.00	56.94 1.01 0.00	54.78 1.07 0.00	48.48 0.72 0.00	44.52 0.61 0.00	43.12 0.89 0.00	40.14 0.71 0.00	37.62 0.81 0.00
FREEPORT_EQUS_GT1 23764	39.88 2.41 -4.92	35.30 2.19 -2.71	35.42 2.21 -3.31	32.85 2.04 -1.68	33.26 2.12 -0.86	44.59 2.22 -8.66	50.53 3.26 -4.30	62.76 4.45 -11.46	57.14 4.29 -7.14	49.11 3.84 -2.14	49.17 2.95 -5.30	46.95 2.92 -3.97	46.93 3.00 -3.96	47.38 3.05 -3.07	49.14 3.25 -3.69	50.53 3.97 -3.38	60.98 4.62 -8.26	75.90 5.99 -13.98	72.43 5.16 -13.57	64.09 4.68 -11.65	55.78 4.17 -7.70	53.03 3.46 -7.34	48.27 3.04 -5.81	44.90 2.54 -5.56
FREEPORT___CT2 23818	39.88 2.41 -4.92	35.30 2.19 -2.71	35.42 2.21 -3.31	32.85 2.04 -1.68	33.26 2.12 -0.86	44.59 2.22 -8.66	50.53 3.26 -4.30	62.76 4.45 -11.46	57.14 4.29 -7.14	49.11 3.84 -2.14	49.17 2.95 -5.30	46.95 2.92 -3.97	46.93 3.00 -3.96	47.38 3.05 -3.07	49.14 3.25 -3.69	50.53 3.97 -3.38	60.98 4.62 -8.26	75.90 5.99 -13.98	72.43 5.16 -13.57	64.09 4.68 -11.65	55.78 4.17 -7.70	53.03 3.46 -7.34	48.27 3.04 -5.81	44.90 2.54 -5.56
FRESHKLS_33_KV_LOAD 356253	34.47 1.92 -0.01	32.14 1.73 -0.01	31.64 1.73 -0.01	30.68 1.54 0.00	31.91 1.63 0.00	35.25 1.55 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.00 2.09 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.51 3.33 0.00	51.90 3.80 0.00	72.30 4.59 -11.78	140.03 4.19 -82.13	51.59 3.82 0.00	47.25 3.34 0.00	45.02 2.79 0.00	41.91 2.48 0.00	38.83 2.02 0.00
FULTON COGEN____ 23766	31.73 -0.81 0.00	29.64 -0.76 0.00	29.12 -0.78 0.00	28.38 -0.76 0.00	29.49 -0.79 0.00	32.99 -0.71 0.00	42.02 -0.95 0.00	45.87 -0.98 0.00	44.79 -0.91 0.00	42.06 -1.08 0.00	40.06 -0.86 0.00	39.18 -0.88 0.00	39.01 -0.96 0.00	40.22 -1.03 0.00	41.06 -1.14 0.00	42.15 -1.04 0.00	46.89 -1.20 0.00	54.53 -1.40 0.00	52.41 -1.29 0.00	46.57 -1.19 0.00	42.85 -1.05 0.00	41.00 -1.22 0.00	38.28 -1.14 0.00	35.89 -0.92 0.00
FULTON___LFGE 323630	35.54 2.99 0.00	33.19 2.79 0.00	32.44 2.54 0.00	31.58 2.45 0.00	32.88 2.60 0.00	36.90 3.20 0.00	47.61 4.64 0.00	52.10 5.25 0.00	50.54 4.84 0.00	47.41 4.27 0.00	44.64 3.72 0.00	43.58 3.53 0.00	43.37 3.40 0.00	44.72 3.47 0.00	45.87 3.67 0.00	47.80 4.62 0.00	53.63 5.53 0.00	63.20 7.27 0.00	60.68 6.98 0.00	53.64 5.87 0.00	49.57 5.67 0.00	47.00 4.77 0.00	43.65 4.22 0.00	40.57 3.76 0.00
G.F.CEMENT___DRP 24184	34.63 2.08 0.00	32.28 1.88 0.00	31.66 1.76 0.00	30.82 1.69 0.00	32.06 1.79 0.00	35.69 1.99 0.00	45.71 2.75 0.00	50.27 3.42 0.00	48.95 3.24 0.00	45.81 2.67 0.00	43.25 2.33 0.00	42.34 2.28 0.00	42.21 2.24 0.00	43.56 2.31 0.00	44.65 2.45 0.00	46.20 3.02 0.00	51.46 3.37 0.00	60.18 4.25 0.00	58.11 4.40 0.00	51.49 3.73 0.00	47.46 3.56 0.00	45.06 2.83 0.00	42.19 2.76 0.00	39.28 2.47 0.00
GARDENVILLE___LBMP 24039	31.11 -1.43 0.00	29.12 -1.28 0.00	28.67 -1.23 0.00	27.97 -1.17 0.00	29.13 -1.15 0.00	33.16 -0.54 0.00	41.37 -1.59 0.00	44.98 -1.87 0.00	44.10 -1.60 0.00	41.02 -2.11 0.00	39.97 -0.94 0.00	39.02 -1.04 0.00	38.53 -1.44 0.00	39.31 -1.94 0.00	39.88 -2.32 0.00	40.94 -2.25 0.00	45.07 -3.03 0.00	52.07 -3.86 0.00	50.53 -3.17 0.00	44.56 -3.20 0.00	41.49 -2.41 0.00	39.61 -2.62 0.00	37.10 -2.33 0.00	35.89 -0.92 0.00
GARDNVLA_35_KV_LD 355827	31.27 -1.27 0.00	29.27 -1.12 0.00	28.82 -1.08 0.00	28.11 -1.02 0.00	29.28 -1.00 0.00	33.36 -0.34 0.00	41.63 -1.33 0.00	45.26 -1.59 0.00	44.42 -1.28 0.00	41.28 -1.85 0.00	40.26 -0.65 0.00	39.30 -0.76 0.00	38.81 -1.16 0.00	39.60 -1.65 0.00	40.17 -2.03 0.00	41.20 -1.99 0.00	45.36 -2.74 0.00	52.41 -3.52 0.00	50.86 -2.85 0.00	44.85 -2.91 0.00	41.76 -2.15 0.00	39.86 -2.36 0.00	37.34 -2.09 0.00	36.11 -0.70 0.00
GELCKHM___115KV_LOAD 80723	31.96 -0.59 0.00	29.88 -0.52 0.00	29.36 -0.54 0.00	28.61 -0.52 0.00	29.73 -0.54 0.00	33.26 -0.44 0.00	42.32 -0.64 0.00	46.24 -0.61 0.00	45.15 -0.55 0.00	42.40 -0.73 0.00	40.42 -0.49 0.00	39.54 -0.52 0.00	39.37 -0.60 0.00	40.59 -0.66 0.00	41.44 -0.76 0.00	42.49 -0.69 0.00	47.28 -0.82 0.00	54.92 -1.01 0.00	52.84 -0.86 0.00	46.91 -0.86 0.00	43.16 -0.75 0.00	41.34 -0.89 0.00	38.64 -0.79 0.00	36.22 -0.59 0.00
GENERAL___MILLS 23808	31.24 -1.30 0.00	29.24 -1.16 0.00	28.79 -1.11 0.00	28.06 -1.08 0.00	29.22 -1.06 0.00	33.29 -0.40 0.00	41.55 -1.42 0.00	45.17 -1.69 0.00	44.33 -1.37 0.00	41.20 -1.94 0.00	40.18 -0.74 0.00	39.22 -0.84 0.00	38.69 -1.28 0.00	39.52 -1.73 0.00	40.09 -2.11 0.00	41.11 -2.07 0.00	45.26 -2.84 0.00	52.30 -3.64 0.00	50.75 -2.95 0.00	44.76 -3.01 0.00	41.67 -2.24 0.00	39.78 -2.45 0.00	37.26 -2.17 0.00	36.04 -0.77 0.00
GE_PLASTICS___DRP 24183	33.42 0.88 0.00	31.28 0.88 0.00	30.76 0.87 0.00	29.98 0.84 0.00	31.09 0.82 0.00	34.34 0.64 0.00	43.87 0.90 0.00	48.21 1.36 0.00	46.93 1.23 0.00	44.04 0.91 0.00	41.49 0.57 0.00	40.62 0.56 0.00	40.61 0.64 0.00	41.95 0.70 0.00	43.00 0.80 0.00	44.35 1.17 0.00	49.44 1.35 0.00	57.55 1.62 0.00	55.21 1.50 0.00	49.15 1.39 0.00	45.18 1.27 0.00	43.16 0.93 0.00	40.29 0.87 0.00	37.51 0.70 0.00
GILBOA___1 23756	33.42 0.88 0.00	31.18 0.79 0.00	30.70 0.81 0.00	29.89 0.76 0.00	31.03 0.76 0.00	34.47 0.78 0.00	44.12 1.16 0.00	48.49 1.64 0.00	47.26 1.55 0.00	44.52 1.38 0.00	41.81 0.90 0.00	40.94 0.88 0.00	40.93 0.96 0.00	42.24 0.99 0.00	43.26 1.06 0.00	44.60 1.42 0.00	49.73 1.64 0.00	58.06 2.12 0.00	55.42 1.72 0.00	49.44 1.67 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.02 0.00	37.66 0.85 0.00
GILBOA___2 23757	33.42 0.88 0.00	31.18 0.79 0.00	30.70 0.81 0.00	29.89 0.76 0.00	31.03 0.76 0.00	34.47 0.78 0.00	44.12 1.16 0.00	48.49 1.64 0.00	47.26 1.55 0.00	44.52 1.38 0.00	41.81 0.90 0.00	40.94 0.88 0.00	40.93 0.96 0.00	42.24 0.99 0.00	43.26 1.06 0.00	44.60 1.42 0.00	49.73 1.64 0.00	58.06 2.12 0.00	55.42 1.72 0.00	49.44 1.67 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.02 0.00	37.66 0.85 0.00
GILBOA___3 23758	33.42 0.88 0.00	31.18 0.79 0.00	30.70 0.81 0.00	29.89 0.76 0.00	31.03 0.76 0.00	34.47 0.78 0.00	44.12 1.16 0.00	48.49 1.64 0.00	47.26 1.55 0.00	44.52 1.38 0.00	41.81 0.90 0.00	40.94 0.88 0.00	40.93 0.96 0.00	42.24 0.99 0.00	43.26 1.06 0.00	44.60 1.42 0.00	49.73 1.64 0.00	58.06 2.12 0.00	55.42 1.72 0.00	49.44 1.67 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.02 0.00	37.66 0.85 0.00

GILBOA___4 23759	33.42 0.88 0.00	31.18 0.79 0.00	30.70 0.81 0.00	29.89 0.76 0.00	31.03 0.76 0.00	34.47 0.78 0.00	44.12 1.16 0.00	48.49 1.64 0.00	47.26 1.55 0.00	44.52 1.38 0.00	41.81 0.90 0.00	40.94 0.88 0.00	40.93 0.96 0.00	42.24 0.99 0.00	43.26 1.06 0.00	44.60 1.42 0.00	49.73 1.64 0.00	58.06 2.12 0.00	55.42 1.72 0.00	49.44 1.67 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.02 0.00	37.66 0.85 0.00
GILBOA____ 23599	33.42 0.88 0.00	31.19 0.79 0.00	30.70 0.81 0.00	29.89 0.76 0.00	31.03 0.76 0.00	34.47 0.78 0.00	44.12 1.16 0.00	48.49 1.64 0.00	47.25 1.55 0.00	44.30 1.16 0.00	41.82 0.90 0.00	40.94 0.88 0.00	40.93 0.96 0.00	42.24 0.99 0.00	43.26 1.05 0.00	44.61 1.42 0.00	49.73 1.64 0.00	57.78 1.85 0.00	55.42 1.72 0.00	49.44 1.67 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.49 1.06 0.00	37.66 0.85 0.00
GINNA____ 23603	30.04 -2.51 0.00	28.08 -2.31 0.00	27.53 -2.36 0.00	26.83 -2.30 0.00	27.91 -2.36 0.00	31.51 -2.19 0.00	39.66 -3.31 0.00	43.25 -3.61 0.00	42.32 -3.38 0.00	40.33 -2.80 0.00	38.30 -2.62 0.00	37.33 -2.73 0.00	37.09 -2.88 0.00	38.16 -3.09 0.00	38.87 -3.33 0.00	39.86 -3.32 0.00	44.15 -3.94 0.00	51.68 -4.25 0.00	49.35 -4.35 0.00	43.66 -4.11 0.00	40.35 -3.56 0.00	38.55 -3.67 0.00	36.11 -3.31 0.00	34.16 -2.65 0.00
GLEN PARK____ 23778	32.16 -0.39 0.00	30.03 -0.36 0.00	29.42 -0.48 0.00	28.67 -0.47 0.00	29.85 -0.42 0.00	33.50 -0.20 0.00	43.05 0.09 0.00	47.09 0.24 0.00	45.70 0.00 0.00	43.01 -0.13 0.00	40.92 0.00 0.00	39.86 -0.20 0.00	39.61 -0.36 0.00	40.92 -0.33 0.00	41.78 -0.42 0.00	43.01 -0.17 0.00	48.10 0.00 0.00	56.27 0.34 0.00	53.97 0.27 0.00	48.01 0.24 0.00	44.00 0.09 0.00	41.94 -0.29 0.00	38.96 -0.47 0.00	36.37 -0.44 0.00
GLENDALE_27_KV_LOAD 356172	34.54 1.99 -0.01	32.20 1.79 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.42 1.72 0.00	45.63 2.66 0.00	50.74 3.89 0.00	49.49 3.79 0.00	46.20 3.06 0.00	43.41 2.50 0.00	42.54 2.48 0.00	42.53 2.56 0.00	43.85 2.60 0.00	44.99 2.79 0.00	46.77 3.58 0.00	52.23 4.14 0.00	61.30 4.92 -0.44	58.16 4.46 0.00	51.83 4.06 0.00	47.46 3.56 0.00	45.14 2.91 0.00	42.03 2.60 0.00	38.91 2.10 0.00
GLENWOOD_IC_1_G5 23712	39.78 2.31 -4.92	35.20 2.10 -2.71	35.33 2.12 -3.31	32.76 1.95 -1.68	33.17 2.03 -0.86	44.52 2.16 -8.66	50.45 3.18 -4.30	62.53 4.22 -11.46	57.09 4.25 -7.14	48.72 3.45 -2.14	49.16 2.95 -5.30	46.91 2.88 -3.97	46.89 2.96 -3.96	47.34 3.01 -3.07	49.05 3.16 -3.69	50.45 3.89 -3.38	60.69 4.33 -8.26	75.12 5.20 -13.98	72.05 4.78 -13.57	63.71 4.30 -11.65	55.47 3.86 -7.70	52.91 3.34 -7.34	48.23 3.00 -5.81	44.83 2.47 -5.56
GLENWOOD_IC_2_G1 23688	39.71 2.24 -4.92	35.14 2.04 -2.71	35.24 2.03 -3.31	32.70 1.89 -1.68	33.11 1.97 -0.86	44.42 2.06 -8.66	50.32 3.05 -4.30	62.53 4.22 -11.46	56.91 4.07 -7.14	48.94 3.66 -2.14	49.00 2.78 -5.30	46.79 2.76 -3.97	46.77 2.84 -3.96	47.21 2.89 -3.07	48.97 3.08 -3.69	50.36 3.80 -3.38	60.64 4.28 -8.26	75.45 5.54 -13.98	72.00 4.73 -13.57	63.71 4.30 -11.65	55.47 3.86 -7.70	52.78 3.21 -7.34	48.07 2.84 -5.81	44.72 2.36 -5.56
GLENWOOD_IC_3_G1 23689	39.71 2.24 -4.92	35.14 2.04 -2.71	35.24 2.03 -3.31	32.70 1.89 -1.68	33.11 1.97 -0.86	44.42 2.06 -8.66	50.32 3.05 -4.30	62.53 4.22 -11.46	56.91 4.07 -7.14	48.94 3.66 -2.14	49.00 2.78 -5.30	46.79 2.76 -3.97	46.77 2.84 -3.96	47.21 2.89 -3.07	48.97 3.08 -3.69	50.36 3.80 -3.38	60.64 4.28 -8.26	75.45 5.54 -13.98	72.00 4.73 -13.57	63.71 4.30 -11.65	55.47 3.86 -7.70	52.78 3.21 -7.34	48.07 2.84 -5.81	44.72 2.36 -5.56
GLENWOOD___4 23550	39.78 2.31 -4.92	35.20 2.10 -2.71	35.33 2.12 -3.31	32.76 1.95 -1.68	33.17 2.03 -0.86	44.52 2.16 -8.66	50.45 3.18 -4.30	62.57 4.26 -11.46	57.09 4.25 -7.14	48.72 3.45 -2.14	49.16 2.95 -5.30	46.91 2.88 -3.97	46.89 2.96 -3.96	47.34 3.01 -3.07	49.05 3.16 -3.69	50.45 3.89 -3.38	60.74 4.38 -8.26	75.17 5.26 -13.98	72.11 4.83 -13.57	63.81 4.39 -11.65	55.51 3.91 -7.70	52.91 3.34 -7.34	48.23 3.00 -5.81	44.83 2.47 -5.56
GLENWOOD___5 23614	39.78 2.31 -4.92	35.20 2.10 -2.71	35.33 2.12 -3.31	32.76 1.95 -1.68	33.17 2.03 -0.86	44.52 2.16 -8.66	50.45 3.18 -4.30	62.57 4.26 -11.46	57.09 4.25 -7.14	48.72 3.45 -2.14	49.16 2.95 -5.30	46.91 2.88 -3.97	46.89 2.96 -3.96	47.34 3.01 -3.07	49.05 3.16 -3.69	50.45 3.89 -3.38	60.74 4.38 -8.26	75.17 5.26 -13.98	72.11 4.83 -13.57	63.81 4.39 -11.65	55.51 3.91 -7.70	52.91 3.34 -7.34	48.23 3.00 -5.81	44.83 2.47 -5.56
GLOBAL GREEN_PORT_GT1 23814	41.54 4.07 -4.92	36.84 3.74 -2.71	36.98 3.77 -3.31	34.39 3.58 -1.68	34.83 3.69 -0.86	46.47 4.11 -8.66	53.28 6.01 -4.30	66.04 7.73 -11.46	60.06 7.22 -7.14	51.49 6.21 -2.14	51.42 5.20 -5.30	48.99 4.97 -3.97	48.93 5.00 -3.96	49.48 5.16 -3.07	51.42 5.53 -3.69	53.12 6.56 -3.38	64.15 7.79 -8.26	79.82 9.90 -13.98	76.13 8.86 -13.57	67.39 7.98 -11.65	58.76 7.16 -7.70	55.69 6.12 -7.34	50.56 5.32 -5.81	47.00 4.64 -5.56
GLOBE___DSASP 323697	30.01 -2.54 0.00	28.12 -2.28 0.00	27.65 -2.24 0.00	26.95 -2.18 0.00	28.07 -2.21 0.00	31.98 -1.72 0.00	39.57 -3.39 0.00	42.73 -4.12 0.00	41.86 -3.84 0.00	38.95 -4.18 0.00	38.09 -2.82 0.00	37.17 -2.88 0.00	36.73 -3.24 0.00	37.50 -3.75 0.00	38.06 -4.14 0.00	39.04 -4.15 0.00	42.85 -5.24 0.00	49.33 -6.60 0.00	48.06 -5.64 0.00	42.37 -5.40 0.00	39.56 -4.35 0.00	37.75 -4.48 0.00	35.41 -4.02 0.00	34.53 -2.28 0.00
GOETHSLN___LBMP 323567	34.07 1.53 0.00	31.76 1.37 0.00	31.30 1.41 0.00	30.44 1.31 0.00	31.58 1.30 0.00	34.98 1.28 0.00	45.07 2.11 0.00	50.13 3.28 0.00	48.85 3.15 0.00	45.64 2.50 0.00	42.88 1.96 0.00	42.02 1.96 0.00	42.01 2.04 0.00	43.32 2.06 0.00	44.44 2.24 0.00	46.12 2.94 0.00	51.51 3.41 0.00	59.96 4.03 0.00	57.35 3.65 0.00	51.16 3.39 0.00	46.89 2.99 0.00	44.59 2.36 0.00	41.52 2.09 0.00	38.39 1.58 0.00
GOLAH___69_KV_TB 1_2 80279	31.70 -0.85 0.00	29.60 -0.79 0.00	29.06 -0.84 0.00	28.29 -0.84 0.00	29.46 -0.82 0.00	33.36 -0.34 0.00	41.76 -1.20 0.00	45.35 -1.50 0.00	44.47 -1.23 0.00	41.58 -1.55 0.00	40.14 -0.78 0.00	39.10 -0.96 0.00	38.77 -1.20 0.00	39.73 -1.53 0.00	40.47 -1.73 0.00	41.50 -1.68 0.00	45.74 -2.36 0.00	53.02 -2.91 0.00	51.34 -2.36 0.00	45.42 -2.34 0.00	42.06 -1.84 0.00	40.12 -2.11 0.00	37.46 -1.97 0.00	36.00 -0.81 0.00
GOODYEAR_LAKE_HYD 323669	33.78 1.24 0.00	31.58 1.19 0.00	31.00 1.11 0.00	30.18 1.05 0.00	31.40 1.12 0.00	35.15 1.45 0.00	45.11 2.15 0.00	49.62 2.76 0.00	48.31 2.60 0.00	45.25 2.11 0.00	42.96 2.05 0.00	42.02 1.96 0.00	41.89 1.92 0.00	43.19 1.94 0.00	44.06 1.86 0.00	45.47 2.29 0.00	50.74 2.65 0.00	59.01 3.08 0.00	56.66 2.95 0.00	50.44 2.67 0.00	46.28 2.37 0.00	44.13 1.90 0.00	41.08 1.66 0.00	38.36 1.55 0.00

GOUDEY___1 345031	32.67 0.13 0.00	30.55 0.15 0.00	30.05 0.15 0.00	29.28 0.15 0.00	30.43 0.15 0.00	34.17 0.47 0.00	43.48 0.52 0.00	47.65 0.80 0.00	46.52 0.82 0.00	43.48 0.35 0.00	41.57 0.65 0.00	40.62 0.56 0.00	40.41 0.44 0.00	41.58 0.33 0.00	42.41 0.21 0.00	43.61 0.43 0.00	48.48 0.38 0.00	56.38 0.45 0.00	54.19 0.48 0.00	48.10 0.33 0.00	44.30 0.40 0.00	42.36 0.13 0.00	39.54 0.12 0.00	37.18 0.37 0.00
GOUDEY___7 23579	32.71 0.16 0.00	30.58 0.18 0.00	30.05 0.15 0.00	29.31 0.17 0.00	30.46 0.18 0.00	34.20 0.51 0.00	43.57 0.60 0.00	47.70 0.84 0.00	46.57 0.87 0.00	43.53 0.39 0.00	41.61 0.70 0.00	40.66 0.60 0.00	40.45 0.48 0.00	41.62 0.37 0.00	42.45 0.25 0.00	43.66 0.47 0.00	48.58 0.48 0.00	56.44 0.50 0.00	54.24 0.54 0.00	48.15 0.38 0.00	44.35 0.44 0.00	42.40 0.17 0.00	39.58 0.16 0.00	37.21 0.40 0.00
GOUDEY___8 23580	32.67 0.13 0.00	30.55 0.15 0.00	30.05 0.15 0.00	29.28 0.15 0.00	30.43 0.15 0.00	34.17 0.47 0.00	43.48 0.52 0.00	47.65 0.80 0.00	46.52 0.82 0.00	43.48 0.35 0.00	41.57 0.65 0.00	40.62 0.56 0.00	40.41 0.44 0.00	41.58 0.33 0.00	42.41 0.21 0.00	43.61 0.43 0.00	48.48 0.38 0.00	56.38 0.45 0.00	54.19 0.48 0.00	48.10 0.33 0.00	44.30 0.40 0.00	42.36 0.13 0.00	39.54 0.12 0.00	37.18 0.37 0.00
GOWANUS_GT1_1 24077	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 -2.13 0.00
GOWANUS_GT1_2 24078	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT1_3 24079	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT1_4 24080	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT1_5 24084	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 															

GOWANUS_GT2_5 24118	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT2_6 24119	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT2_7 24120	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT2_8 24121	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_1 24122	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_2 24123	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_3 24124	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_4 24125	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_5 24126	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_6 24127	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_7 24128	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT3_8 24129	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
GOWANUS_GT4_1 24130	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT4_2 24131	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT4_3 24132	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00

GOWANUS_GT4_4 24133	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT4_5 24134	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT4_6 24135	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT4_7 24136	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GOWANUS_GT4_8 24137	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GREENBSH_115KV_TB3 55895	33.42 0.88 0.00	31.28 0.88 0.00	30.76 0.87 0.00	30.01 0.87 0.00	31.09 0.82 0.00	34.24 0.54 0.00	43.69 0.73 0.00	48.02 1.17 0.00	46.80 1.10 0.00	43.87 0.73 0.00	41.28 0.37 0.00	40.46 0.40 0.00	40.45 0.48 0.00	41.79 0.54 0.00	42.83 0.63 0.00	44.22 1.04 0.00	49.30 1.20 0.00	57.39 1.45 0.00	55.10 1.40 0.00	49.05 1.29 0.00	45.05 1.14 0.00	42.99 0.76 0.00	40.18 0.75 0.00	37.36 0.55 0.00
GREENDGE_115KV_TB5 80291	32.45 -0.10 0.00	30.30 -0.09 0.00	29.78 -0.12 0.00	29.07 -0.06 0.00	30.28 0.00 0.00	34.27 0.57 0.00	44.21 1.25 0.00	48.45 1.59 0.00	47.35 1.65 0.00	44.26 1.12 0.00	42.80 1.88 0.00	41.70 1.64 0.00	41.33 1.36 0.00	42.41 1.16 0.00	43.13 0.93 0.00	44.13 0.95 0.00	48.87 0.77 0.00	56.94 1.01 0.00	54.88 1.18 0.00	48.48 0.72 0.00	44.74 0.83 0.00	42.95 0.72 0.00	40.10 0.67 0.00	37.88 1.07 0.00
GREENIDGE___3 23582	32.45 -0.10 0.00	30.30 -0.09 0.00	29.78 -0.12 0.00	29.07 -0.06 0.00	30.28 0.00 0.00	34.27 0.57 0.00	44.21 1.25 0.00	48.45 1.59 0.00	47.35 1.65 0.00	44.26 1.12 0.00	42.80 1.88 0.00	41.70 1.64 0.00	41.33 1.36 0.00	42.41 1.16 0.00	43.13 0.93 0.00	44.13 0.95 0.00	48.87 0.77 0.00	56.94 1.01 0.00	54.88 1.18 0.00	48.48 0.72 0.00	44.74 0.83 0.00	42.95 0.72 0.00	40.10 0.67 0.00	37.88 1.07 0.00
GREENIDGE___4 23583	32.45 -0.10 0.00	30.33 -0.06 0.00	29.78 -0.12 0.00	29.07 -0.06 0.00	30.28 0.00 0.00	34.27 0.57 0.00	44.21 1.25 0.00	48.45 1.59 0.00	47.34 1.64 0.00	44.99 1.85 0.00	42.88 1.96 0.00	41.70 1.64 0.00	41.33 1.36 0.00	42.41 1.15 0.00	43.13 0.93 0.00	44.13 0.95 0.00	48.91 0.82 0.00	57.50 1.56 0.00	54.88 1.18 0.00	48.48 0.72 0.00	44.74 0.83 0.00	42.95 0.72 0.00	40.26 0.83 0.00	37.91 1.10 0.00
GREENLWN_69_KV_BK 3 55738	39.65 2.18 -4.92	35.08 1.98 -2.71	35.21 2.00 -3.31	32.68 1.86 -1.68	33.05 1.91 -0.86	44.38 2.02 -8.66	50.02 2.75 -4.30	62.20 3.89 -11.46	56.54 3.70 -7.14	48.38 3.11 -2.14	48.76 2.54 -5.30	46.71 2.68 -3.97	46.69 2.76 -3.96	47.09 2.76 -3.07	48.76 2.87 -3.69	50.01 3.45 -3.38	60.40 4.04 -8.26	74.73 4.81 -13.98	71.68 4.40 -13.57	63.42 4.01 -11.65	55.20 3.60 -7.70	52.44 2.87 -7.34	47.96 2.72 -5.81	44.68 2.32 -5.56
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00
GRISSOM___SOLAR 323813	35.54 2.99 0.00	33.19 2.79 0.00	32.44 2.54 0.00	31.58 2.45 0.00	32.88 2.60 0.00	36.90 3.20 0.00	47.61 4.64 0.00	52.10 5.25 0.00	50.54 4.84 0.00	47.41 4.27 0.00	44.64 3.72 0.00	43.58 3.53 0.00	43.37 3.40 0.00	44.72 3.47 0.00	45.87 3.67 0.00	47.80 4.62 0.00	53.63 5.53 0.00	63.20 7.27 0.00	60.68 6.98 0.00	53.64 5.87 0.00	49.57 5.67 0.00	47.00 4.77 0.00	43.65 4.22 0.00	40.57 3.76 0.00
GROVEVILLE___HYD 323602	34.43 1.89 0.00	32.07 1.67 0.00	31.57 1.67 0.00	30.68 1.54 0.00	31.88 1.60 0.00	35.38 1.68 0.00	45.63 2.66 0.00	50.32 3.47 0.00	49.08 3.38 0.00	45.64 2.50 0.00	42.88 1.96 0.00	41.94 1.88 0.00	41.93 1.96 0.00	43.27 2.02 0.00	44.39 2.19 0.00	46.07 2.89 0.00	51.66 3.56 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.11 3.21 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.61 1.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.19 -0.36 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.71 -0.26 0.00	46.67 -0.19 0.00	45.56 -0.14 0.00	42.75 -0.39 0.00	40.79 -0.12 0.00	39.90 -0.16 0.00	39.73 -0.24 0.00	40.96 -0.29 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.38 0.00	55.43 -0.50 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.56 -0.35 0.00	41.72 -0.51 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00
HAMLTNNY_34_KV_TB 80303	32.22 -0.33 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.97 -0.30 0.00	33.56 -0.13 0.00	42.79 -0.17 0.00	46.81 -0.05 0.00	45.70 0.00 0.00	42.88 -0.26 0.00	40.96 0.04 0.00	40.06 0.00 0.00	39.85 -0.12 0.00	41.09 -0.17 0.00	41.90 -0.30 0.00	43.01 -0.17 0.00	47.81 -0.29 0.00	55.60 -0.34 0.00	53.49 -0.21 0.00	47.48 -0.29 0.00	43.69 -0.22 0.00	41.81 -0.42 0.00	39.03 -0.39 0.00	36.63 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	31.63 -0.91 0.00	29.51 -0.88 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	32.89 -0.81 0.00	41.98 -0.99 0.00	45.63 -1.22 0.00	44.47 -1.23 0.00	41.93 -1.21 0.00	40.05 -0.86 0.00	39.21 -0.84 0.00	39.09 -0.88 0.00	40.43 -0.82 0.00	41.31 -0.89 0.00	42.10 -1.08 0.00	47.04 -1.06 0.00	54.59 -1.34 0.00	52.63 -1.07 0.00	46.76 -1.01 0.00	42.90 -1.01 0.00	41.30 -0.93 0.00	38.44 -0.98 0.00	35.85 -0.96 0.00
HARDSCRABBLE_WT_PWR 323673	32.97 0.42 0.00	30.82 0.43 0.00	30.31 0.42 0.00	29.54 0.41 0.00	30.73 0.45 0.00	34.27 0.57 0.00	43.82 0.86 0.00	48.02 1.17 0.00	46.89 1.19 0.00	44.30 1.17 0.00	41.90 0.98 0.00	41.02 0.96 0.00	40.93 0.96 0.00	42.24 0.99 0.00	43.17 0.97 0.00	44.39 1.21 0.00	49.44 1.34 0.00	57.61 1.68 0.00	55.10 1.39 0.00	48.96 1.19 0.00	44.92 1.01 0.00	43.16 0.93 0.00	40.21 0.79 0.00	37.51 0.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.04 1.50 0.00	31.73 1.34 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.55 1.27 0.00	35.01 1.31 0.00	45.07 2.11 0.00	49.85 3.00 0.00	48.58 2.88 0.00	45.25 2.11 0.00	42.59 1.68 0.00	41.70 1.64 0.00	41.69 1.72 0.00	43.03 1.77 0.00	44.10 1.90 0.00	45.73 2.55 0.00	51.17 3.08 0.00	59.62 3.69 0.00	57.03 3.33 0.00	50.82 3.06 0.00	46.63 2.72 0.00	44.34 2.11 0.00	41.32 1.89 0.00	38.24 1.44 0.00
HARSNRAD_115KV_TB1 81005	30.56 -1.99 0.00	28.60 -1.79 0.00	28.13 -1.76 0.00	27.41 -1.72 0.00	28.55 -1.73 0.00	32.55 -1.15 0.00	40.43 -2.53 0.00	43.76 -3.09 0.00	42.91 -2.79 0.00	39.95 -3.19 0.00	38.99 -1.92 0.00	38.05 -2.00 0.00	37.57 -2.40 0.00	38.37 -2.89 0.00	38.95 -3.25 0.00	39.94 -3.24 0.00	43.91 -4.18 0.00	50.67 -5.26 0.00	49.25 -4.46 0.00	43.42 -4.35 0.00	40.48 -3.42 0.00	38.64 -3.59 0.00	36.19 -3.23 0.00	35.19 -1.62 0.00
HARZA MOOSE___RIVER 24016	32.87 0.33 0.00	30.70 0.30 0.00	30.14 0.24 0.00	29.37 0.23 0.00	30.55 0.27 0.00	34.17 0.47 0.00	43.82 0.86 0.00	47.93 1.08 0.00	46.66 0.96 0.00	43.87 0.73 0.00	41.65 0.74 0.00	40.70 0.64 0.00	40.57 0.60 0.00	41.87 0.62 0.00	42.75 0.55 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.16 1.23 0.00	54.88 1.18 0.00	48.82 1.05 0.00	44.79 0.88 0.00	42.86 0.63 0.00	39.90 0.47 0.00	37.21 0.40 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.99 -0.55 0.00	29.91 -0.49 0.00	29.39 -0.51 0.00	28.64 -0.50 0.00	29.76 -0.51 0.00	33.29 -0.40 0.00	42.36 -0.60 0.00	46.24 -0.61 0.00	45.15 -0.55 0.00	42.36 -0.78 0.00	40.42 -0.49 0.00	39.50 -0.56 0.00	39.37 -0.60 0.00	40.55 -0.70 0.00	41.40 -0.80 0.00	42.49 -0.69 0.00	47.28 -0.82 0.00	54.92 -1.01 0.00	52.79 -0.91 0.00	46.91 -0.86 0.00	43.16 -0.75 0.00	41.38 -0.84 0.00	38.68 -0.75 0.00	36.26 -0.55 0.00
HELLGATE_13_KV_LD 55870	34.47 1.92 -0.01	32.14 1.73 -0.01	31.67 1.76 -0.01	30.74 1.60 0.00	31.94 1.67 0.00	35.32 1.62 0.00	45.46 2.49 0.00	50.51 3.65 0.00	49.27 3.56 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.99 3.90 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.91 2.48 0.00	38.80 1.99 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.47 1.92 -0.01	32.14 1.73 -0.01	31.67 1.76 -0.01	30.74 1.60 0.00	31.94 1.67 0.00	35.32 1.62 0.00	45.46 2.49 0.00	50.51 3.65 0.00	49.27 3.56 0.00	45.98 2.85 0.00	43.21 2.29 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.99 3.90 0.00	61.02 4.64 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.91 2.48 0.00	38.80 1.99 0.00
HEMPSTEAD____ 23647	39.68 2.21 -4.92	35.11 2.01 -2.71	35.21 2.00 -3.31	32.68 1.87 -1.68	33.08 1.94 -0.86	44.38 2.02 -8.66	50.27 3.01 -4.30	62.43 4.12 -11.46	56.87 4.02 -7.14	48.85 3.58 -2.14	48.92 2.70 -5.30	46.75 2.73 -3.97	46.69 2.76 -3.96	47.17 2.84 -3.07	48.89 3.00 -3.69	50.27 3.71 -3.38	60.64 4.28 -8.26	75.45 5.54 -13.98	72.00 4.73 -13.57	63.71 4.30 -11.65	55.42 3.82 -7.70	52.74 3.17 -7.34	47.99 2.76 -5.81	44.69 2.32 -5.56
HEWLETT__69_KV_BK3 55828	39.88 2.41 -4.92	35.29 2.19 -2.71	35.39 2.18 -3.31	32.85 2.04 -1.68	33.23 2.09 -0.86	44.62 2.26 -8.66	50.57 3.31 -4.30	62.76 4.45 -11.46	57.14 4.30 -7.14	48.81 3.54 -2.14	49.25 3.03 -5.30	46.99 2.96 -3.97	46.97 3.04 -3.96	47.42 3.09 -3.07	49.18 3.29 -3.69	50.58 4.02 -3.38	60.69 4.33 -8.26	74.84 4.92 -13.98	71.78 4.51 -13.57	63.76 4.35 -11.65	55.51 3.91 -7.70	53.03 3.46 -7.34	48.35 3.11 -5.81	44.98 2.61 -5.56
HICKLING___1 23621	32.54 0.00 0.00	30.46 0.06 0.00	29.93 0.03 0.00	29.22 0.09 0.00	30.40 0.12 0.00	34.41 0.71 0.00	43.74 0.77 0.00	47.88 1.03 0.00	46.80 1.10 0.00	43.61 0.47 0.00	42.10 1.19 0.00	41.06 1.00 0.00	40.65 0.68 0.00	41.71 0.45 0.00	42.41 0.21 0.00	43.53 0.35 0.00	48.29 0.19 0.00	56.10 0.17 0.00	54.03 0.32 0.00	47.76 0.00 0.00	44.13 0.22 0.00	42.14 -0.08 0.00	39.39 -0.04 0.00	37.36 0.55 0.00
HICKLING___2 23622	32.54 0.00 0.00	30.46 0.06 0.00	29.93 0.03 0.00	29.22 0.09 0.00	30.40 0.12 0.00	34.41 0.71 0.00	43.74 0.77 0.00	47.88 1.03 0.00	46.80 1.10 0.00	43.61 0.47 0.00	42.10 1.19 0.00	41.06 1.00 0.00	40.65 0.68 0.00	41.71 0.45 0.00	42.41 0.21 0.00	43.53 0.35 0.00	48.29 0.19 0.00	56.10 0.17 0.00	54.03 0.32 0.00	47.76 0.00 0.00	44.13 0.22 0.00	42.14 -0.08 0.00	39.39 -0.04 0.00	37.36 0.55 0.00
HIGH FALLS___HY 23754	34.30 1.76 0.00	31.95 1.55 0.00	31.48 1.58 0.00	30.53 1.40 0.00	31.79 1.51 0.00	35.35 1.65 0.00	45.71 2.75 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.64 2.50 0.00	42.96 2.05 0.00	41.98 1.92 0.00	41.97 2.00 0.00	43.32 2.06 0.00	44.39 2.19 0.00	46.07 2.89 0.00	51.75 3.66 0.00	60.35 4.42 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.16 3.25 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
HILLBURN___GT 23639	34.04 1.50 0.00	31.73 1.34 0.00	31.27 1.38 0.00	30.38 1.25 0.00	31.55 1.27 0.00	35.01 1.31 0.00	45.07 2.10 0.00	49.94 3.09 0.00	48.67 2.97 0.00	45.68 2.54 0.00	42.67 1.76 0.00	41.82 1.76 0.00	41.81 1.84 0.00	43.11 1.86 0.00	44.18 1.98 0.00	45.82 2.63 0.00	51.22 3.12 0.00	60.07 4.14 0.00	57.09 3.39 0.00	50.92 3.15 0.00	46.72 2.81 0.00	44.42 2.19 0.00	41.32 1.89 0.00	38.28 1.47 0.00
HILLSIDE_115KV_TB1 80332	32.22 -0.33 0.00	30.12 -0.27 0.00	29.63 -0.27 0.00	28.90 -0.23 0.00	30.06 -0.21 0.00	33.97 0.27 0.00	43.09 0.13 0.00	47.18 0.33 0.00	46.11 0.41 0.00	42.97 -0.17 0.00	41.37 0.45 0.00	40.38 0.32 0.00	40.05 0.08 0.00	41.09 -0.17 0.00	41.82 -0.38 0.00	42.97 -0.22 0.00	47.71 -0.38 0.00	55.37 -0.56 0.00	53.33 -0.38 0.00	47.19 -0.57 0.00	43.60 -0.31 0.00	41.68 -0.55 0.00	38.95 -0.47 0.00	36.85 0.04 0.00

HISHELDN_WT_PWR 323625	31.11 -1.43 0.00	29.18 -1.22 0.00	28.67 -1.23 0.00	27.97 -1.17 0.00	29.13 -1.15 0.00	33.16 -0.54 0.00	41.59 -1.38 0.00	45.26 -1.59 0.00	44.37 -1.33 0.00	42.49 -0.65 0.00	40.34 -0.57 0.00	39.14 -0.92 0.00	38.61 -1.36 0.00	39.44 -1.81 0.00	40.00 -2.20 0.00	41.07 -2.11 0.00	45.36 -2.74 0.00	53.36 -2.57 0.00	50.70 -3.01 0.00	44.71 -3.06 0.00	41.62 -2.29 0.00	39.74 -2.49 0.00	37.53 -1.89 0.00	35.93 -0.88 0.00
HOLTSVILLE_IC_1 23690	40.20 2.73 -4.92	35.63 2.52 -2.71	35.72 2.51 -3.31	33.23 2.42 -1.68	33.59 2.45 -0.86	44.99 2.63 -8.66	51.17 3.91 -4.30	63.60 5.29 -11.46	57.82 4.98 -7.14	49.63 4.36 -2.14	49.66 3.44 -5.30	47.39 3.37 -3.97	47.33 3.40 -3.96	47.83 3.50 -3.07	49.64 3.75 -3.69	51.13 4.58 -3.38	61.70 5.34 -8.26	76.68 6.76 -13.98	73.18 5.91 -13.57	64.85 5.44 -11.65	56.43 4.83 -7.70	53.63 4.05 -7.34	48.78 3.55 -5.81	45.35 2.98 -5.56
HOLTSVILLE_IC_10 23699	40.36 2.90 -4.92	35.78 2.68 -2.71	35.90 2.69 -3.31	33.38 2.56 -1.68	33.77 2.63 -0.86	45.19 2.83 -8.66	51.48 4.21 -4.30	63.93 5.62 -11.46	58.14 5.30 -7.14	49.89 4.62 -2.14	49.90 3.68 -5.30	47.63 3.61 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.90 4.01 -3.69	51.44 4.88 -3.38	62.08 5.72 -8.26	77.13 7.22 -13.98	73.61 6.33 -13.57	65.24 5.83 -11.65	56.78 5.18 -7.70	53.92 4.35 -7.34	49.02 3.79 -5.81	45.57 3.20 -5.56
HOLTSVILLE_IC_2 23691	40.20 2.73 -4.92	35.63 2.52 -2.71	35.72 2.51 -3.31	33.23 2.42 -1.68	33.59 2.45 -0.86	44.99 2.63 -8.66	51.17 3.91 -4.30	63.60 5.29 -11.46	57.82 4.98 -7.14	49.63 4.36 -2.14	49.66 3.44 -5.30	47.39 3.37 -3.97	47.33 3.40 -3.96	47.83 3.50 -3.07	49.64 3.75 -3.69	51.13 4.58 -3.38	61.70 5.34 -8.26	76.68 6.76 -13.98	73.18 5.91 -13.57	64.85 5.44 -11.65	56.43 4.83 -7.70	53.63 4.05 -7.34	48.78 3.55 -5.81	45.35 2.98 -5.56
HOLTSVILLE_IC_3 23692	40.20 2.73 -4.92	35.63 2.52 -2.71	35.72 2.51 -3.31	33.23 2.42 -1.68	33.59 2.45 -0.86	44.99 2.63 -8.66	51.17 3.91 -4.30	63.60 5.29 -11.46	57.82 4.98 -7.14	49.63 4.36 -2.14	49.66 3.44 -5.30	47.39 3.37 -3.97	47.33 3.40 -3.96	47.83 3.50 -3.07	49.64 3.75 -3.69	51.13 4.58 -3.38	61.70 5.34 -8.26	76.68 6.76 -13.98	73.18 5.91 -13.57	64.85 5.44 -11.65	56.43 4.83 -7.70	53.63 4.05 -7.34	48.78 3.55 -5.81	45.35 2.98 -5.56
HOLTSVILLE_IC_4 23693	40.20 2.73 -4.92	35.63 2.52 -2.71	35.72 2.51 -3.31	33.23 2.42 -1.68	33.59 2.45 -0.86	44.99 2.63 -8.66	51.17 3.91 -4.30	63.60 5.29 -11.46	57.82 4.98 -7.14	49.63 4.36 -2.14	49.66 3.44 -5.30	47.39 3.37 -3.97	47.33 3.40 -3.96	47.83 3.50 -3.07	49.64 3.75 -3.69	51.13 4.58 -3.38	61.70 5.34 -8.26	76.68 6.76 -13.98	73.18 5.91 -13.57	64.85 5.44 -11.65	56.43 4.83 -7.70	53.63 4.05 -7.34	48.78 3.55 -5.81	45.35 2.98 -5.56
HOLTSVILLE_IC_5 23694	40.20 2.73 -4.92	35.63 2.52 -2.71	35.72 2.51 -3.31	33.23 2.42 -1.68	33.59 2.45 -0.86	44.99 2.63 -8.66	51.17 3.91 -4.30	63.60 5.29 -11.46	57.82 4.98 -7.14	49.63 4.36 -2.14	49.66 3.44 -5.30	47.39 3.37 -3.97	47.33 3.40 -3.96	47.83 3.50 -3.07	49.64 3.75 -3.69	51.13 4.58 -3.38	61.70 5.34 -8.26	76.68 6.76 -13.98	73.18 5.91 -13.57	64.85 5.44 -11.65	56.43 4.83 -7.70	53.63 4.05 -7.34	48.78 3.55 -5.81	45.35 2.98 -5.56
HOLTSVILLE_IC_6 23695	40.36 2.90 -4.92	35.78 2.68 -2.71	35.90 2.69 -3.31	33.38 2.56 -1.68	33.77 2.63 -0.86	45.19 2.83 -8.66	51.48 4.21 -4.30	63.93 5.62 -11.46	58.14 5.30 -7.14	49.89 4.62 -2.14	49.90 3.68 -5.30	47.63 3.61 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.90 4.01 -3.69	51.44 4.88 -3.38	62.08 5.72 -8.26	77.13 7.22 -13.98	73.61 6.33 -13.57	65.24 5.83 -11.65	56.78 5.18 -7.70	53.92 4.35 -7.34	49.02 3.79 -5.81	45.57 3.20 -5.56
HOLTSVILLE_IC_7 23696	40.36 2.90 -4.92	35.78 2.68 -2.71	35.90 2.69 -3.31	33.38 2.56 -1.68	33.77 2.63 -0.86	45.19 2.83 -8.66	51.48 4.21 -4.30	63.93 5.62 -11.46	58.14 5.30 -7.14	49.89 4.62 -2.14	49.90 3.68 -5.30	47.63 3.61 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.90 4.01 -3.69	51.44 4.88 -3.38	62.08 5.72 -8.26	77.13 7.22 -13.98	73.61 6.33 -13.57	65.24 5.83 -11.65	56.78 5.18 -7.70	53.92 4.35 -7.34	49.02 3.79 -5.81	45.57 3.20 -5.56
HOLTSVILLE_IC_8 23697	40.36 2.90 -4.92	35.78 2.68 -2.71	35.90 2.69 -3.31	33.38 2.56 -1.68	33.77 2.63 -0.86	45.19 2.83 -8.66	51.48 4.21 -4.30	63.93 5.62 -11.46	58.14 5.30 -7.14	49.89 4.62 -2.14	49.90 3.68 -5.30	47.63 3.61 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.90 4.01 -3.69	51.44 4.88 -3.38	62.08 5.72 -8.26	77.13 7.22 -13.98	73.61 6.33 -13.57	65.24 5.83 -11.65	56.78 5.18 -7.70	53.92 4.35 -7.34	49.02 3.79 -5.81	45.57 3.20 -5.56
HOLTSVILLE_IC_9 23698	40.36 2.90 -4.92	35.78 2.68 -2.71	35.90 2.69 -3.31	33.38 2.56 -1.68	33.77 2.63 -0.86	45.19 2.83 -8.66	51.48 4.21 -4.30	63.93 5.62 -11.46	58.14 5.30 -7.14	49.89 4.62 -2.14	49.90 3.68 -5.30	47.63 3.61 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.90 4.01 -3.69	51.44 4.88 -3.38	62.08 5.72 -8.26	77.13 7.22 -13.98	73.61 6.33 -13.57	65.24 5.83 -11.65	56.78 5.18 -7.70	53.92 4.35 -7.34	49.02 3.79 -5.81	45.57 3.20 -5.56
HOMER_HL_115KV_TB2 355744	32.25 -0.29 0.00	30.15 -0.24 0.00	29.72 -0.18 0.00	29.02 -0.12 0.00	30.22 -0.06 0.00	34.34 0.64 0.00	43.26 0.30 0.00	47.46 0.61 0.00	46.48 0.78 0.00	43.09 -0.04 0.00	41.82 0.90 0.00	40.78 0.72 0.00	40.29 0.32 0.00	41.13 -0.12 0.00	41.74 -0.46 0.00	42.88 -0.30 0.00	47.42 -0.67 0.00	54.98 -0.95 0.00	53.06 -0.64 0.00	46.91 -0.86 0.00	43.51 -0.40 0.00	41.51 -0.72 0.00	38.87 -0.55 0.00	37.14 0.33 0.00
HOWARD_WT_PWR 323690	31.80 -0.75 0.00	29.85 -0.55 0.00	29.33 -0.57 0.00	28.70 -0.44 0.00	29.94 -0.33 0.00	34.17 0.47 0.00	43.39 0.43 0.00	47.46 0.61 0.00	46.52 0.82 0.00	44.30 1.17 0.00	42.06 1.14 0.00	40.78 0.72 0.00	40.17 0.20 0.00	41.05 -0.21 0.00	41.70 -0.50 0.00	42.79 -0.39 0.00	47.42 -0.67 0.00	55.71 -0.22 0.00	52.90 -0.80 0.00	46.57 -1.19 0.00	43.16 -0.75 0.00	41.21 -1.01 0.00	38.79 -0.63 0.00	36.92 0.11 0.00
HQ_GEN_CEDARS 23644	32.48 -0.07 0.00	30.30 -0.09 0.00	29.84 -0.06 0.00	29.13 0.00 0.00	30.31 0.03 0.00	33.70 0.00 0.00	42.62 -0.34 0.00	46.01 -0.84 0.00	44.97 -0.73 0.00	42.97 -0.17 0.00	40.83 -0.08 0.00	40.06 0.00 0.00	39.93 -0.04 0.00	41.34 0.08 0.00	42.24 0.04 0.00	42.71 -0.47 0.00	47.62 -0.48 0.00	55.43 -0.50 0.00	53.22 -0.48 0.00	47.24 -0.53 0.00	43.38 -0.53 0.00	42.14 -0.08 0.00	39.35 -0.08 0.00	36.74 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	32.48 -0.06 0.00	30.30 -0.09 0.00	29.84 -0.06 0.00	29.13 0.00 0.00	30.31 0.03 0.00	33.70 0.00 0.00	42.62 -0.35 0.00	46.01 -0.84 0.00	44.97 -0.73 0.00	42.45 -0.69 0.00	40.83 -0.08 0.00	40.06 0.00 0.00	39.93 -0.04 0.00	41.34 0.08 0.00	42.24 0.04 0.00	42.71 -0.47 0.00	47.62 -0.48 0.00	54.93 -1.01 0.00	53.22 -0.48 0.00	47.24 -0.52 0.00	43.30 -0.52 0.09	42.23 -0.08 -0.09	39.35 -0.08 0.00	36.74 -0.07 0.00

HQ_GEN_IMPORT 323601	32.41 -0.13 0.00	30.27 -0.12 0.00	29.81 -0.09 0.00	29.05 -0.09 0.00	30.22 -0.06 0.00	33.60 -0.10 0.00	42.75 -0.21 0.00	46.20 -0.66 0.00	44.98 -0.60 0.13	42.75 -0.52 -0.13	40.83 -0.08 0.00	40.02 -0.04 0.00	39.89 -0.08 0.00	41.21 -0.04 0.00	42.16 -0.04 0.00	42.75 -0.43 0.00	47.62 -0.48 0.00	54.98 -0.95 0.00	53.17 -0.54 0.00	47.29 -0.48 0.00	42.82 -0.48 0.61	42.75 -0.08 -0.61	39.39 -0.04 0.00	36.77 -0.04 0.00
HQ_GEN_WHEEL 23651	32.41 -0.13 0.00	30.27 -0.12 0.00	29.81 -0.09 0.00	29.05 -0.09 0.00	30.22 -0.06 0.00	33.60 -0.10 0.00	42.75 -0.21 0.00	46.20 -0.66 0.00	44.98 -0.60 0.13	42.75 -0.52 -0.13	40.83 -0.08 0.00	40.02 -0.04 0.00	39.89 -0.08 0.00	41.21 -0.04 0.00	42.16 -0.04 0.00	42.75 -0.43 0.00	47.62 -0.48 0.00	54.98 -0.95 0.00	53.17 -0.54 0.00	47.29 -0.48 0.00	42.82 -0.48 0.61	42.75 -0.08 -0.61	39.39 -0.04 0.00	36.77 -0.04 0.00
HUDSON AVE_GT_3 23810	34.27 1.72 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.12 2.21 0.00	42.26 2.20 0.00	42.25 2.28 0.00	43.56 2.31 0.00	44.69 2.49 0.00	46.42 3.24 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.68 3.97 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.85 2.62 0.00	41.75 2.33 0.00	38.61 1.80 0.00
HUDSON AVE_GT_4 23540	34.27 1.72 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.12 2.21 0.00	42.26 2.20 0.00	42.25 2.28 0.00	43.56 2.31 0.00	44.69 2.49 0.00	46.42 3.24 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.68 3.97 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.85 2.62 0.00	41.75 2.33 0.00	38.61 1.80 0.00
HUDSON AVE_GT_5 23657	34.27 1.72 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.12 2.21 0.00	42.26 2.20 0.00	42.25 2.28 0.00	43.56 2.31 0.00	44.69 2.49 0.00	46.42 3.24 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.68 3.97 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.85 2.62 0.00	41.75 2.33 0.00	38.61 1.80 0.00
HUDSON_AVE_10 24168	34.17 1.63 0.00	31.85 1.46 0.00	31.39 1.49 0.00	30.50 1.37 0.00	31.67 1.39 0.00	35.11 1.42 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.86 2.72 0.00	43.08 2.17 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.38 3.20 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.68 3.97 0.00	51.44 3.68 0.00	47.11 3.21 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.54 1.73 0.00
HUDSON___115KV_TB 4 355613	34.04 1.50 0.00	31.82 1.43 0.00	31.27 1.38 0.00	30.47 1.34 0.00	31.64 1.36 0.00	34.88 1.18 0.00	44.68 1.72 0.00	48.96 2.11 0.00	47.67 1.97 0.00	44.56 1.42 0.00	41.90 0.98 0.00	40.98 0.92 0.00	40.93 0.96 0.00	42.33 1.07 0.00	43.42 1.22 0.00	44.87 1.68 0.00	50.16 2.07 0.00	58.56 2.63 0.00	56.17 2.47 0.00	49.96 2.20 0.00	45.97 2.06 0.00	43.75 1.52 0.00	40.85 1.42 0.00	37.99 1.18 0.00
HUNTER MOUNT___DRP 323613	34.17 1.63 0.00	31.95 1.55 0.00	31.39 1.49 0.00	30.59 1.46 0.00	31.76 1.48 0.00	35.01 1.31 0.00	44.90 1.93 0.00	49.01 2.16 0.00	47.67 1.97 0.00	44.47 1.34 0.00	41.82 0.90 0.00	40.86 0.80 0.00	40.81 0.84 0.00	42.24 0.99 0.00	43.34 1.14 0.00	44.74 1.55 0.00	50.12 2.02 0.00	58.56 2.63 0.00	56.23 2.52 0.00	49.96 2.20 0.00	45.97 2.06 0.00	43.75 1.52 0.00	40.85 1.42 0.00	38.06 1.25 0.00
HUNTINGTON_RES_REC 323705	39.91 2.44 -4.92	35.32 2.22 -2.71	35.45 2.24 -3.31	32.94 2.13 -1.68	33.32 2.18 -0.86	44.69 2.32 -8.66	50.53 3.26 -4.30	62.85 4.54 -11.46	57.14 4.29 -7.14	49.16 3.88 -2.14	49.17 2.95 -5.30	47.07 3.04 -3.97	47.01 3.08 -3.96	47.46 3.13 -3.07	49.14 3.25 -3.69	50.53 3.97 -3.38	61.03 4.66 -8.26	75.96 6.04 -13.98	72.48 5.21 -13.57	64.19 4.78 -11.65	55.82 4.22 -7.70	53.03 3.46 -7.34	48.31 3.08 -5.81	45.02 2.65 -5.56
HUNTLEY___63 23557	30.82 -1.72 0.00	28.84 -1.55 0.00	28.37 -1.52 0.00	27.65 -1.49 0.00	28.82 -1.45 0.00	32.82 -0.88 0.00	40.82 -2.15 0.00	44.28 -2.58 0.00	43.46 -2.24 0.00	40.42 -2.72 0.00	39.48 -1.43 0.00	38.53 -1.52 0.00	38.05 -1.92 0.00	38.82 -2.43 0.00	39.37 -2.83 0.00	40.37 -2.81 0.00	44.39 -3.70 0.00	51.29 -4.64 0.00	49.78 -3.92 0.00	43.90 -3.87 0.00	40.92 -2.99 0.00	39.06 -3.17 0.00	36.59 -2.84 0.00	35.52 -1.29 0.00
HUNTLEY___64 23558	30.82 -1.72 0.00	28.84 -1.55 0.00	28.37 -1.52 0.00	27.65 -1.49 0.00	28.82 -1.45 0.00	32.82 -0.88 0.00	40.82 -2.15 0.00	44.28 -2.58 0.00	43.46 -2.24 0.00	40.42 -2.72 0.00	39.48 -1.43 0.00	38.53 -1.52 0.00	38.05 -1.92 0.00	38.82 -2.43 0.00	39.37 -2.83 0.00	40.37 -2.81 0.00	44.39 -3.70 0.00	51.29 -4.64 0.00	49.78 -3.92 0.00	43.90 -3.87 0.00	40.92 -2.99 0.00	39.06 -3.17 0.00	36.59 -2.84 0.00	35.52 -1.29 0.00
HUNTLEY___65 23559	30.82 -1.72 0.00	28.84 -1.55 0.00	28.37 -1.52 0.00	27.65 -1.49 0.00	28.82 -1.45 0.00	32.82 -0.88 0.00	40.82 -2.15 0.00	44.28 -2.58 0.00	43.46 -2.24 0.00	40.42 -2.72 0.00	39.48 -1.43 0.00	38.53 -1.52 0.00	38.05 -1.92 0.00	38.82 -2.43 0.00	39.37 -2.83 0.00	40.37 -2.81 0.00	44.39 -3.70 0.00	51.29 -4.64 0.00	49.78 -3.92 0.00	43.90 -3.87 0.00	40.92 -2.99 0.00	39.06 -3.17 0.00	36.59 -2.84 0.00	35.52 -1.29 0.00
HUNTLEY___66 23560	30.82 -1.72 0.00	28.84 -1.55 0.00	28.37 -1.52 0.00	27.65 -1.49 0.00	28.82 -1.45 0.00	32.82 -0.88 0.00	40.82 -2.15 0.00	44.28 -2.58 0.00	43.46 -2.24 0.00	40.42 -2.72 0.00	39.48 -1.43 0.00	38.53 -1.52 0.00	38.05 -1.92 0.00	38.82 -2.43 0.00	39.37 -2.83 0.00	40.37 -2.81 0.00	44.39 -3.70 0.00	51.29 -4.64 0.00	49.78 -3.92 0.00	43.90 -3.87 0.00	40.92 -2.99 0.00	39.06 -3.17 0.00	36.59 -2.84 0.00	35.52 -1.29 0.00
HUNTLEY___67 23561	30.72 -1.82 0.00	28.75 -1.64 0.00	28.31 -1.58 0.00	27.59 -1.54 0.00	28.73 -1.54 0.00	32.76 -0.94 0.00	40.73 -2.23 0.00	44.09 -2.76 0.00	43.23 -2.47 0.00	40.20 -2.93 0.00	39.24 -1.68 0.00	38.33 -1.72 0.00	37.85 -2.12 0.00	38.65 -2.60 0.00	39.20 -3.00 0.00	40.20 -2.98 0.00	44.25 -3.85 0.00	51.07 -4.87 0.00	49.57 -4.14 0.00	43.75 -4.01 0.00	40.79 -3.12 0.00	38.93 -3.29 0.00	36.47 -2.96 0.00	35.41 -1.40 0.00
HUNTLEY___68 23562	30.72 -1.82 0.00	28.75 -1.64 0.00	28.31 -1.58 0.00	27.59 -1.54 0.00	28.73 -1.54 0.00	32.76 -0.94 0.00	40.73 -2.23 0.00	44.09 -2.76 0.00	43.23 -2.47 0.00	40.20 -2.93 0.00	39.24 -1.68 0.00	38.33 -1.72 0.00	37.85 -2.12 0.00	38.65 -2.60 0.00	39.20 -3.00 0.00	40.20 -2.98 0.00	44.25 -3.85 0.00	51.07 -4.87 0.00	49.57 -4.14 0.00	43.75 -4.01 0.00	40.79 -3.12 0.00	38.93 -3.29 0.00	36.47 -2.96 0.00	35.41 -1.40 0.00

HYLAND___LFGE 323620	32.97 0.42 0.00	30.79 0.39 0.00	30.16 0.27 0.00	29.42 0.29 0.00	30.64 0.36 0.00	34.91 1.21 0.00	44.16 1.20 0.00	48.31 1.45 0.00	47.39 1.69 0.00	45.17 2.03 0.00	42.59 1.68 0.00	41.34 1.28 0.00	40.81 0.84 0.00	41.79 0.53 0.00	42.54 0.34 0.00	43.92 0.73 0.00	48.91 0.82 0.00	57.77 1.84 0.00	55.05 1.34 0.00	48.43 0.67 0.00	44.83 0.92 0.00	42.69 0.47 0.00	39.98 0.55 0.00	37.91 1.10 0.00
INDECK___CORINTH 23802	34.46 1.92 0.00	32.13 1.73 0.00	31.54 1.64 0.00	30.71 1.57 0.00	31.91 1.63 0.00	35.52 1.82 0.00	45.45 2.49 0.00	49.99 3.14 0.00	48.67 2.97 0.00	45.81 2.68 0.00	43.00 2.09 0.00	42.10 2.04 0.00	41.97 2.00 0.00	43.31 2.06 0.00	44.44 2.24 0.00	45.95 2.77 0.00	51.22 3.12 0.00	60.13 4.20 0.00	57.84 4.14 0.00	51.25 3.49 0.00	47.24 3.34 0.00	44.85 2.62 0.00	42.03 2.60 0.00	39.13 2.32 0.00
INDECK___ILION 23567	33.03 0.49 0.00	30.85 0.46 0.00	30.34 0.45 0.00	29.57 0.44 0.00	30.73 0.45 0.00	34.24 0.54 0.00	43.78 0.82 0.00	47.93 1.08 0.00	46.71 1.01 0.00	43.96 0.82 0.00	41.65 0.74 0.00	40.78 0.72 0.00	40.69 0.72 0.00	42.00 0.74 0.00	42.96 0.76 0.00	44.13 0.95 0.00	49.20 1.11 0.00	57.22 1.29 0.00	54.88 1.18 0.00	48.82 1.05 0.00	44.83 0.92 0.00	42.99 0.76 0.00	40.10 0.67 0.00	37.40 0.59 0.00
INDECK___OLEAN 23982	32.25 -0.29 0.00	30.21 -0.18 0.00	29.72 -0.18 0.00	29.02 -0.12 0.00	30.22 -0.06 0.00	34.34 0.64 0.00	43.27 0.30 0.00	47.46 0.61 0.00	46.48 0.78 0.00	44.30 1.17 0.00	41.98 1.06 0.00	40.78 0.72 0.00	40.33 0.36 0.00	41.13 -0.12 0.00	41.70 -0.50 0.00	42.88 -0.30 0.00	47.47 -0.63 0.00	55.88 -0.06 0.00	53.00 -0.70 0.00	46.91 -0.86 0.00	43.51 -0.40 0.00	41.51 -0.72 0.00	39.11 -0.32 0.00	37.18 0.37 0.00
INDECK___OSWEGO 23783	31.60 -0.94 0.00	29.51 -0.88 0.00	29.00 -0.90 0.00	28.29 -0.85 0.00	29.40 -0.88 0.00	32.82 -0.88 0.00	41.81 -1.16 0.00	45.68 -1.17 0.00	44.60 -1.10 0.00	42.15 -0.99 0.00	39.89 -1.02 0.00	38.98 -1.08 0.00	38.85 -1.12 0.00	40.06 -1.20 0.00	40.94 -1.26 0.00	42.02 -1.16 0.00	46.75 -1.35 0.00	54.54 -1.40 0.00	52.20 -1.50 0.00	46.43 -1.34 0.00	42.68 -1.23 0.00	40.88 -1.35 0.00	38.16 -1.26 0.00	35.74 -1.07 0.00
INDECK___YERKES 23781	30.82 -1.73 0.00	28.94 -1.46 0.00	28.40 -1.49 0.00	27.68 -1.46 0.00	28.85 -1.42 0.00	32.86 -0.84 0.00	40.86 -2.10 0.00	44.32 -2.53 0.00	43.51 -2.19 0.00	41.80 -1.34 0.00	39.73 -1.19 0.00	38.58 -1.48 0.00	38.09 -1.88 0.00	38.86 -2.39 0.00	39.41 -2.79 0.00	40.42 -2.76 0.00	44.54 -3.56 0.00	52.46 -3.47 0.00	49.84 -3.87 0.00	43.90 -3.87 0.00	40.97 -2.94 0.00	39.06 -3.17 0.00	36.98 -2.44 0.00	35.60 -1.21 0.00
INDIAN POINT_GT_1 24139	34.07 1.53 0.00	31.79 1.40 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.58 1.30 0.00	35.01 1.31 0.00	45.07 2.11 0.00	49.99 3.14 0.00	48.72 3.02 0.00	45.47 2.33 0.00	42.76 1.84 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.19 1.94 0.00	44.27 2.07 0.00	45.95 2.76 0.00	51.32 3.22 0.00	59.79 3.86 0.00	57.25 3.54 0.00	51.01 3.25 0.00	46.81 2.90 0.00	44.51 2.28 0.00	41.44 2.01 0.00	38.36 1.55 0.00
INDIAN POINT_GT_2 23659	34.07 1.53 0.00	31.79 1.40 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.58 1.30 0.00	35.01 1.31 0.00	45.07 2.11 0.00	49.99 3.14 0.00	48.72 3.02 0.00	45.47 2.33 0.00	42.76 1.84 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.19 1.94 0.00	44.27 2.07 0.00	45.95 2.76 0.00	51.32 3.22 0.00	59.79 3.86 0.00	57.25 3.54 0.00	51.01 3.25 0.00	46.81 2.90 0.00	44.51 2.28 0.00	41.44 2.01 0.00	38.36 1.55 0.00
INDIAN POINT_GT_3 24019	34.07 1.53 0.00	31.79 1.40 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.58 1.30 0.00	35.01 1.31 0.00	45.07 2.11 0.00	49.99 3.14 0.00	48.72 3.02 0.00	45.47 2.33 0.00	42.76 1.84 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.19 1.94 0.00	44.27 2.07 0.00	45.95 2.76 0.00	51.32 3.22 0.00	59.79 3.86 0.00	57.25 3.54 0.00	51.01 3.25 0.00	46.81 2.90 0.00	44.51 2.28 0.00	41.44 2.01 0.00	38.36 1.55 0.00
INDIAN POINT___2 23530	34.04 1.50 0.00	31.73 1.34 0.00	31.27 1.38 0.00	30.38 1.25 0.00	31.55 1.27 0.00	34.98 1.28 0.00	45.03 2.06 0.00	49.94 3.09 0.00	48.63 2.93 0.00	45.73 2.59 0.00	42.67 1.76 0.00	41.82 1.76 0.00	41.81 1.84 0.00	43.15 1.90 0.00	44.23 2.03 0.00	45.86 2.68 0.00	51.22 3.12 0.00	60.07 4.14 0.00	57.09 3.39 0.00	50.92 3.15 0.00	46.72 2.81 0.00	44.42 2.19 0.00	41.32 1.89 0.00	38.28 1.47 0.00
INDIAN POINT___3 23531	34.04 1.50 0.00	31.76 1.37 0.00	31.27 1.38 0.00	30.39 1.25 0.00	31.58 1.30 0.00	35.01 1.31 0.00	45.03 2.06 0.00	49.95 3.09 0.00	48.67 2.97 0.00	45.42 2.29 0.00	42.72 1.80 0.00	41.86 1.80 0.00	41.85 1.88 0.00	43.15 1.90 0.00	44.23 2.03 0.00	45.90 2.72 0.00	51.27 3.17 0.00	59.74 3.80 0.00	57.14 3.44 0.00	50.97 3.20 0.00	46.72 2.81 0.00	44.47 2.24 0.00	41.40 1.97 0.00	38.32 1.51 0.00
INGHAM_C_115KV_TB7 356103	33.26 0.72 0.00	31.06 0.67 0.00	30.55 0.66 0.00	29.77 0.64 0.00	30.97 0.70 0.00	34.54 0.84 0.00	44.17 1.20 0.00	48.35 1.50 0.00	47.16 1.46 0.00	44.39 1.25 0.00	42.10 1.19 0.00	41.22 1.16 0.00	41.13 1.16 0.00	42.45 1.20 0.00	43.38 1.18 0.00	44.61 1.42 0.00	49.68 1.59 0.00	57.78 1.85 0.00	55.42 1.72 0.00	49.25 1.48 0.00	45.18 1.27 0.00	43.41 1.18 0.00	40.49 1.06 0.00	37.77 0.96 0.00
IP CORINTH___1 23988	34.46 1.92 0.00	32.16 1.76 0.00	31.54 1.64 0.00	30.71 1.57 0.00	31.91 1.63 0.00	35.52 1.82 0.00	45.46 2.49 0.00	49.99 3.14 0.00	48.67 2.97 0.00	45.60 2.46 0.00	43.04 2.13 0.00	42.10 2.04 0.00	41.97 2.00 0.00	43.32 2.06 0.00	44.44 2.24 0.00	45.95 2.76 0.00	51.22 3.13 0.00	59.85 3.92 0.00	57.84 4.14 0.00	51.25 3.49 0.00	47.25 3.34 0.00	44.85 2.62 0.00	42.03 2.60 0.00	39.13 2.32 0.00
IP___TICONDEROGA 23804	35.60 3.06 0.00	33.16 2.77 0.00	32.47 2.57 0.00	31.61 2.48 0.00	32.88 2.60 0.00	36.73 3.03 0.00	47.17 4.21 0.00	51.96 5.11 0.00	50.54 4.84 0.00	47.28 4.14 0.00	44.72 3.81 0.00	43.74 3.69 0.00	43.45 3.48 0.00	44.84 3.59 0.00	46.00 3.80 0.00	47.67 4.49 0.00	53.10 5.00 0.00	62.31 6.38 0.00	60.31 6.61 0.00	53.26 5.49 0.00	49.22 5.31 0.00	46.49 4.27 0.00	43.45 4.02 0.00	40.49 3.68 0.00
ISLIP_RES_REC 323679	40.50 3.03 -4.92	35.90 2.79 -2.71	36.02 2.81 -3.31	33.49 2.68 -1.68	33.89 2.75 -0.86	45.36 3.00 -8.66	51.69 4.43 -4.30	64.21 5.90 -11.46	58.42 5.57 -7.14	50.15 4.87 -2.14	50.11 3.89 -5.30	47.84 3.81 -3.97	47.77 3.84 -3.96	48.29 3.96 -3.07	50.15 4.26 -3.69	51.65 5.09 -3.38	62.37 6.01 -8.26	77.52 7.61 -13.98	73.93 6.66 -13.57	65.53 6.12 -11.65	57.05 5.44 -7.70	54.13 4.56 -7.34	49.22 3.98 -5.81	45.75 3.38 -5.56

JAMAICA__27_KV_LOAD 355505	34.33 1.79 0.00	32.01 1.61 0.00	31.51 1.61 0.00	30.59 1.46 0.00	31.79 1.51 0.00	35.32 1.62 0.00	45.63 2.66 0.00	50.84 3.98 0.00	49.54 3.84 0.00	46.29 3.15 0.00	43.45 2.54 0.00	42.58 2.52 0.00	42.57 2.60 0.00	43.89 2.64 0.00	45.03 2.83 0.00	46.81 3.63 0.00	52.33 4.23 0.00	60.97 5.03 0.00	58.32 4.62 0.00	52.02 4.25 0.00	47.60 3.69 0.00	45.23 3.00 0.00	42.03 2.60 0.00	38.80 1.99 0.00
JANIS__SOLAR 323808	34.01 1.47 0.00	31.79 1.40 0.00	31.18 1.28 0.00	30.38 1.25 0.00	31.67 1.39 0.00	35.75 2.06 0.00	45.97 3.01 0.00	50.51 3.66 0.00	49.13 3.43 0.00	46.20 3.06 0.00	43.70 2.78 0.00	42.70 2.64 0.00	42.49 2.52 0.00	43.69 2.43 0.00	44.44 2.24 0.00	45.90 2.72 0.00	51.32 3.22 0.00	60.24 4.31 0.00	57.52 3.81 0.00	51.01 3.25 0.00	46.81 2.90 0.00	44.55 2.32 0.00	41.55 2.13 0.00	38.98 2.17 0.00
JARVIS____ 23743	32.74 0.20 0.00	30.58 0.18 0.00	30.08 0.18 0.00	29.31 0.18 0.00	30.46 0.18 0.00	33.87 0.17 0.00	43.27 0.30 0.00	47.37 0.52 0.00	46.16 0.46 0.00	43.52 0.39 0.00	41.12 0.21 0.00	40.26 0.20 0.00	40.21 0.24 0.00	41.50 0.25 0.00	42.45 0.25 0.00	43.57 0.39 0.00	48.58 0.48 0.00	56.61 0.67 0.00	54.19 0.48 0.00	48.24 0.48 0.00	44.35 0.44 0.00	42.53 0.30 0.00	39.66 0.24 0.00	36.99 0.18 0.00
JENNISON____1 23625	34.30 1.76 0.00	32.07 1.67 0.00	31.45 1.55 0.00	30.65 1.51 0.00	31.91 1.63 0.00	35.92 2.22 0.00	46.27 3.31 0.00	50.88 4.03 0.00	49.59 3.88 0.00	46.29 3.15 0.00	44.23 3.31 0.00	43.26 3.20 0.00	43.09 3.12 0.00	44.31 3.05 0.00	45.07 2.87 0.00	46.51 3.33 0.00	51.85 3.75 0.00	60.29 4.36 0.00	57.89 4.19 0.00	51.44 3.68 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.83 2.41 0.00	39.20 2.39 0.00
JENNISON____2 23626	34.30 1.76 0.00	32.07 1.67 0.00	31.45 1.55 0.00	30.65 1.51 0.00	31.91 1.63 0.00	35.92 2.22 0.00	46.27 3.31 0.00	50.88 4.03 0.00	49.59 3.88 0.00	46.29 3.15 0.00	44.23 3.31 0.00	43.26 3.20 0.00	43.09 3.12 0.00	44.31 3.05 0.00	45.07 2.87 0.00	46.51 3.33 0.00	51.85 3.75 0.00	60.29 4.36 0.00	57.89 4.19 0.00	51.44 3.68 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.83 2.41 0.00	39.20 2.39 0.00
JERICOHO_RISE_WT_PWR 323719	32.22 -0.33 0.00	30.06 -0.33 0.00	29.66 -0.24 0.00	29.05 -0.09 0.00	30.31 0.03 0.00	33.77 0.07 0.00	42.71 -0.26 0.00	46.10 -0.75 0.00	45.15 -0.55 0.00	42.71 -0.43 0.00	41.20 0.29 0.00	40.54 0.48 0.00	40.45 0.48 0.00	41.95 0.70 0.00	43.00 0.80 0.00	43.53 0.34 0.00	48.68 0.58 0.00	56.21 0.28 0.00	54.51 0.81 0.00	48.29 0.53 0.00	44.35 0.44 0.00	42.99 0.76 0.00	40.02 0.59 0.00	37.58 0.77 0.00
KATONAH__115KV_46KV_TB4 355592	34.33 1.79 0.00	32.01 1.61 0.00	31.51 1.61 0.00	30.65 1.51 0.00	31.79 1.51 0.00	35.22 1.52 0.00	45.37 2.41 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.77 2.63 0.00	43.04 2.13 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.48 2.23 0.00	44.52 2.32 0.00	46.25 3.07 0.00	51.66 3.56 0.00	60.29 4.36 0.00	57.78 4.08 0.00	51.44 3.68 0.00	47.20 3.29 0.00	44.80 2.58 0.00	41.67 2.25 0.00	38.61 1.80 0.00
KCE_NY_1 323755	34.33 1.79 0.00	32.00 1.61 0.00	31.45 1.55 0.00	30.62 1.48 0.00	31.82 1.54 0.00	35.38 1.68 0.00	45.28 2.32 0.00	49.76 2.91 0.00	48.44 2.74 0.00	45.64 2.50 0.00	42.80 1.88 0.00	41.94 1.88 0.00	41.85 1.88 0.00	43.19 1.94 0.00	44.31 2.11 0.00	45.77 2.59 0.00	50.98 2.89 0.00	59.74 3.81 0.00	57.30 3.60 0.00	50.87 3.10 0.00	46.85 2.94 0.00	44.59 2.36 0.00	41.63 2.21 0.00	38.80 1.99 0.00
KCE_NY_6_ESR 323823	31.24 -1.30 0.00	29.33 -1.06 0.00	28.79 -1.11 0.00	28.09 -1.05 0.00	29.25 -1.03 0.00	33.33 -0.37 0.00	41.59 -1.38 0.00	45.21 -1.64 0.00	44.37 -1.33 0.00	42.58 -0.56 0.00	40.43 -0.49 0.00	39.26 -0.80 0.00	38.73 -1.24 0.00	39.52 -1.73 0.00	40.09 -2.11 0.00	41.15 -2.03 0.00	45.40 -2.69 0.00	53.42 -2.52 0.00	50.75 -2.95 0.00	44.76 -3.01 0.00	41.71 -2.19 0.00	39.78 -2.45 0.00	37.61 -1.81 0.00	36.11 -0.70 0.00
KEDC PORT_JEFF_GT2 24210	40.33 2.86 -4.92	35.75 2.64 -2.71	35.84 2.63 -3.31	33.34 2.53 -1.68	33.71 2.57 -0.86	45.16 2.80 -8.66	51.39 4.12 -4.30	63.84 5.53 -11.46	58.05 5.21 -7.14	49.84 4.57 -2.14	49.82 3.60 -5.30	47.55 3.53 -3.97	47.53 3.60 -3.96	48.04 3.71 -3.07	49.86 3.97 -3.69	51.35 4.79 -3.38	61.99 5.62 -8.26	76.85 6.93 -13.98	73.34 6.07 -13.57	65.14 5.73 -11.65	56.69 5.09 -7.70	53.83 4.26 -7.34	48.94 3.71 -5.81	45.53 3.17 -5.56
KEDC PORT_JEFF_GT3 24211	40.33 2.86 -4.92	35.75 2.64 -2.71	35.84 2.63 -3.31	33.34 2.53 -1.68	33.71 2.57 -0.86	45.16 2.80 -8.66	51.39 4.12 -4.30	63.84 5.53 -11.46	58.05 5.21 -7.14	49.84 4.57 -2.14	49.82 3.60 -5.30	47.55 3.53 -3.97	47.53 3.60 -3.96	48.04 3.71 -3.07	49.86 3.97 -3.69	51.35 4.79 -3.38	61.99 5.62 -8.26	76.85 6.93 -13.98	73.34 6.07 -13.57	65.14 5.73 -11.65	56.69 5.09 -7.70	53.83 4.26 -7.34	48.94 3.71 -5.81	45.53 3.17 -5.56
KEDC_GLWD_GT4 24219	39.78 2.31 -4.92	35.20 2.10 -2.71	35.33 2.12 -3.31	32.76 1.95 -1.68	33.17 2.03 -0.86	44.52 2.16 -8.66	50.44 3.18 -4.30	62.53 4.22 -11.46	57.09 4.25 -7.14	49.07 3.80 -2.14	49.12 2.91 -5.30	46.91 2.89 -3.97	46.89 2.96 -3.96	47.34 3.01 -3.07	49.06 3.17 -3.69	50.49 3.93 -3.38	60.69 4.33 -8.26	75.51 5.59 -13.98	72.05 4.78 -13.57	63.76 4.35 -11.65	55.47 3.86 -7.70	52.91 3.34 -7.34	48.19 2.96 -5.81	44.83 2.47 -5.56
KEDC_GLWD_GT5 24220	39.78 2.31 -4.92	35.20 2.10 -2.71	35.33 2.12 -3.31	32.76 1.95 -1.68	33.17 2.03 -0.86	44.52 2.16 -8.66	50.44 3.18 -4.30	62.53 4.22 -11.46	57.09 4.25 -7.14	49.07 3.80 -2.14	49.12 2.91 -5.30	46.91 2.89 -3.97	46.89 2.96 -3.96	47.34 3.01 -3.07	49.06 3.17 -3.69	50.49 3.93 -3.38	60.69 4.33 -8.26	75.51 5.59 -13.98	72.05 4.78 -13.57	63.76 4.35 -11.65	55.47 3.86 -7.70	52.91 3.34 -7.34	48.19 2.96 -5.81	44.83 2.47 -5.56
KENSICO____ 23655	34.17 1.63 0.00	31.85 1.46 0.00	31.36 1.46 0.00	30.50 1.37 0.00	31.67 1.39 0.00	35.11 1.42 0.00	45.20 2.23 0.00	50.13 3.28 0.00	48.85 3.15 0.00	45.60 2.46 0.00	42.88 1.96 0.00	42.02 1.96 0.00	42.01 2.04 0.00	43.36 2.10 0.00	44.44 2.24 0.00	46.12 2.94 0.00	51.51 3.41 0.00	60.01 4.08 0.00	57.41 3.71 0.00	51.16 3.39 0.00	46.94 3.03 0.00	44.64 2.41 0.00	41.56 2.13 0.00	38.47 1.66 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.37 1.82 0.00	32.01 1.61 0.00	31.51 1.61 0.00	30.59 1.46 0.00	31.82 1.54 0.00	35.38 1.68 0.00	45.71 2.75 0.00	50.37 3.51 0.00	49.13 3.43 0.00	45.64 2.50 0.00	42.92 2.00 0.00	41.94 1.88 0.00	41.93 1.96 0.00	43.27 2.02 0.00	44.39 2.19 0.00	46.07 2.89 0.00	51.75 3.66 0.00	60.35 4.42 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.16 3.25 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00

KIAC_JFK_GT1 23816	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.22 1.52 0.00	45.50 2.53 0.00	50.65 3.80 0.00	49.40 3.70 0.00	46.11 2.98 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.45 2.48 0.00	43.77 2.52 0.00	44.90 2.70 0.00	46.68 3.50 0.00	52.14 4.04 0.00	60.80 4.87 0.00	58.11 4.40 0.00	51.83 4.06 0.00	47.46 3.56 0.00	45.10 2.87 0.00	41.91 2.48 0.00	38.69 1.88 0.00
KIAC_JFK_GT2 23817	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.22 1.52 0.00	45.50 2.53 0.00	50.65 3.80 0.00	49.40 3.70 0.00	46.11 2.98 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.45 2.48 0.00	43.77 2.52 0.00	44.90 2.70 0.00	46.68 3.50 0.00	52.14 4.04 0.00	60.80 4.87 0.00	58.11 4.40 0.00	51.83 4.06 0.00	47.46 3.56 0.00	45.10 2.87 0.00	41.91 2.48 0.00	38.69 1.88 0.00
KIAC_JFK____ 323774	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.53 1.40 0.00	31.70 1.42 0.00	35.22 1.52 0.00	45.50 2.53 0.00	50.65 3.79 0.00	49.40 3.70 0.00	46.46 3.32 0.00	43.25 2.33 0.00	42.50 2.44 0.00	42.45 2.48 0.00	43.77 2.52 0.00	44.90 2.70 0.00	46.68 3.50 0.00	52.09 3.99 0.00	61.25 5.32 0.00	58.11 4.40 0.00	51.82 4.06 0.00	47.46 3.55 0.00	45.10 2.87 0.00	41.83 2.41 0.00	38.65 1.84 0.00
KINTIGH____ 23543	30.56 -1.99 0.00	28.60 -1.79 0.00	28.13 -1.76 0.00	27.41 -1.72 0.00	28.52 -1.76 0.00	32.38 -1.31 0.00	40.39 -2.58 0.00	43.71 -3.14 0.00	42.82 -2.88 0.00	39.90 -3.24 0.00	38.79 -2.13 0.00	37.89 -2.16 0.00	37.49 -2.48 0.00	38.37 -2.89 0.00	38.99 -3.21 0.00	39.99 -3.20 0.00	44.06 -4.04 0.00	50.84 -5.09 0.00	49.35 -4.35 0.00	43.61 -4.16 0.00	40.53 -3.38 0.00	38.72 -3.50 0.00	36.23 -3.19 0.00	35.01 -1.80 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.64 0.10 0.00	30.46 0.06 0.00	30.05 0.15 0.00	29.48 0.35 0.00	30.79 0.51 0.00	34.31 0.61 0.00	43.31 0.34 0.00	46.81 -0.05 0.00	45.88 0.18 0.00	43.83 0.69 0.00	41.86 0.94 0.00	41.18 1.12 0.00	41.05 1.08 0.00	42.61 1.36 0.00	43.68 1.48 0.00	44.22 1.04 0.00	49.59 1.49 0.00	57.78 1.85 0.00	55.64 1.93 0.00	49.15 1.39 0.00	45.14 1.23 0.00	43.66 1.44 0.00	40.61 1.18 0.00	38.28 1.47 0.00
LACHUTE____HYDRO 323717	35.60 3.06 0.00	33.16 2.77 0.00	32.47 2.57 0.00	31.61 2.47 0.00	32.88 2.60 0.00	36.73 3.03 0.00	47.18 4.21 0.00	51.96 5.11 0.00	50.54 4.84 0.00	47.54 4.40 0.00	44.68 3.76 0.00	43.70 3.64 0.00	43.45 3.48 0.00	44.84 3.59 0.00	46.00 3.80 0.00	47.67 4.49 0.00	53.10 5.00 0.00	62.58 6.65 0.00	60.31 6.60 0.00	53.26 5.49 0.00	49.22 5.31 0.00	46.49 4.26 0.00	43.45 4.02 0.00	40.49 3.68 0.00
LAWRNCV_115KV_TB1 80681	31.86 -0.68 0.00	29.73 -0.67 0.00	29.27 -0.63 0.00	28.58 -0.55 0.00	29.76 -0.51 0.00	33.09 -0.61 0.00	41.98 -0.99 0.00	45.31 -1.55 0.00	44.28 -1.42 0.00	42.32 -0.82 0.00	40.22 -0.70 0.00	39.50 -0.56 0.00	39.37 -0.60 0.00	40.76 -0.50 0.00	41.69 -0.51 0.00	42.15 -1.04 0.00	46.99 -1.11 0.00	54.70 -1.23 0.00	52.58 -1.13 0.00	46.62 -1.15 0.00	42.85 -1.05 0.00	41.55 -0.68 0.00	38.76 -0.67 0.00	36.15 -0.66 0.00
LEDERLE____ 23769	34.14 1.59 0.00	31.82 1.43 0.00	31.33 1.44 0.00	30.44 1.31 0.00	31.64 1.36 0.00	35.08 1.38 0.00	45.20 2.23 0.00	50.09 3.23 0.00	48.81 3.11 0.00	45.51 2.37 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.23 1.98 0.00	44.31 2.11 0.00	45.95 2.76 0.00	51.37 3.27 0.00	59.90 3.97 0.00	57.25 3.54 0.00	51.06 3.30 0.00	46.85 2.94 0.00	44.55 2.32 0.00	41.48 2.05 0.00	38.39 1.58 0.00
LIGHTHSE_115KV_TB6 355974	31.93 -0.62 0.00	29.82 -0.58 0.00	29.27 -0.63 0.00	28.55 -0.58 0.00	29.67 -0.61 0.00	33.23 -0.47 0.00	42.41 -0.56 0.00	46.38 -0.47 0.00	45.20 -0.50 0.00	42.40 -0.73 0.00	40.42 -0.49 0.00	39.46 -0.60 0.00	39.29 -0.68 0.00	40.55 -0.70 0.00	41.40 -0.80 0.00	42.53 -0.65 0.00	47.23 -0.87 0.00	54.98 -0.95 0.00	52.84 -0.86 0.00	46.95 -0.81 0.00	43.16 -0.75 0.00	41.30 -0.93 0.00	38.48 -0.95 0.00	36.00 -0.81 0.00
LINDEN COGEN____ 23786	34.04 1.50 0.00	31.73 1.34 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.55 1.27 0.00	34.98 1.28 0.00	45.03 2.06 0.00	50.08 3.23 0.00	48.81 3.11 0.00	45.90 2.76 0.00	42.80 1.88 0.00	42.02 1.96 0.00	42.01 2.04 0.00	43.31 2.06 0.00	44.39 2.19 0.00	46.12 2.94 0.00	51.41 3.32 0.00	60.41 4.48 0.00	57.30 3.60 0.00	51.11 3.34 0.00	46.85 2.94 0.00	44.55 2.32 0.00	41.44 2.01 0.00	38.36 1.55 0.00
LINDHRST_69_KV_BK1 356055	40.20 2.73 -4.92	35.63 2.52 -2.71	35.72 2.51 -3.31	33.17 2.36 -1.68	33.59 2.45 -0.86	44.99 2.63 -8.66	51.09 3.82 -4.30	63.51 5.20 -11.46	57.78 4.94 -7.14	49.28 4.01 -2.14	49.70 3.48 -5.30	47.43 3.40 -3.97	47.41 3.48 -3.96	47.88 3.55 -3.07	49.65 3.76 -3.69	51.09 4.53 -3.38	61.70 5.34 -8.26	76.29 6.38 -13.98	73.18 5.91 -13.57	64.71 5.30 -11.65	56.39 4.79 -7.70	53.54 3.97 -7.34	48.78 3.55 -5.81	45.35 2.98 -5.56
LIPA_MISC_IPP 23656	40.40 2.93 -4.92	35.78 2.67 -2.71	35.90 2.69 -3.31	33.43 2.62 -1.68	33.77 2.63 -0.86	45.23 2.86 -8.66	51.52 4.25 -4.30	63.98 5.67 -11.46	58.19 5.35 -7.14	49.54 4.27 -2.14	49.94 3.72 -5.30	47.59 3.57 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.90 4.01 -3.69	51.48 4.92 -3.38	62.13 5.77 -8.26	76.85 6.94 -13.98	73.72 6.44 -13.57	65.14 5.73 -11.65	56.83 5.23 -7.70	54.01 4.43 -7.34	49.10 3.86 -5.81	45.64 3.28 -5.56
LISF____SOLAR 323691	40.43 2.96 -4.92	35.84 2.74 -2.71	35.96 2.75 -3.31	33.46 2.65 -1.68	33.83 2.69 -0.86	45.29 2.93 -8.66	51.60 4.34 -4.30	64.12 5.81 -11.46	58.28 5.44 -7.14	49.98 4.70 -2.14	49.94 3.72 -5.30	47.63 3.61 -3.97	47.61 3.68 -3.96	48.12 3.79 -3.07	49.98 4.09 -3.69	51.52 4.96 -3.38	62.23 5.87 -8.26	77.36 7.44 -13.98	73.82 6.55 -13.57	65.38 5.97 -11.65	56.91 5.31 -7.70	54.09 4.52 -7.34	49.14 3.90 -5.81	45.68 3.31 -5.56
LITTLE FALLS____HYD 24013	33.26 0.72 0.00	31.06 0.67 0.00	30.55 0.66 0.00	29.77 0.64 0.00	30.97 0.70 0.00	34.54 0.84 0.00	44.17 1.20 0.00	48.35 1.50 0.00	47.16 1.46 0.00	44.39 1.25 0.00	42.10 1.19 0.00	41.22 1.16 0.00	41.13 1.16 0.00	42.45 1.20 0.00	43.38 1.18 0.00	44.61 1.42 0.00	49.68 1.59 0.00	57.78 1.85 0.00	55.42 1.72 0.00	49.25 1.48 0.00	45.18 1.27 0.00	43.41 1.18 0.00	40.49 1.06 0.00	37.77 0.96 0.00
LITTLRIV_115KV_TB1 356100	32.19 -0.36 0.00	30.03 -0.36 0.00	29.54 -0.36 0.00	28.87 -0.26 0.00	30.06 -0.21 0.00	33.46 -0.24 0.00	42.53 -0.43 0.00	46.01 -0.84 0.00	44.97 -0.73 0.00	43.01 -0.13 0.00	40.92 0.00 0.00	40.14 0.08 0.00	40.05 0.08 0.00	41.46 0.21 0.00	42.41 0.21 0.00	42.84 -0.35 0.00	47.66 -0.43 0.00	55.54 -0.39 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.43 -0.48 0.00	42.14 -0.08 0.00	39.27 -0.16 0.00	36.59 -0.22 0.00

LI_NEWBRDGE___DRP 323616	39.55 2.08 -4.92	34.99 1.88 -2.71	35.12 1.91 -3.31	32.59 1.78 -1.68	32.99 1.85 -0.86	44.28 1.92 -8.66	50.10 2.84 -4.30	62.29 3.98 -11.46	56.68 3.84 -7.14	48.38 3.11 -2.14	48.80 2.58 -5.30	46.59 2.56 -3.97	46.57 2.64 -3.96	47.01 2.68 -3.07	48.72 2.83 -3.69	50.10 3.54 -3.38	60.45 4.09 -8.26	74.78 4.87 -13.98	71.73 4.46 -13.57	63.52 4.11 -11.65	55.25 3.64 -7.70	52.57 3.00 -7.34	47.92 2.68 -5.81	44.57 2.21 -5.56
LOCKPORT_115KV_TB60_63_64 80432	30.53 -2.02 0.00	28.57 -1.82 0.00	28.10 -1.79 0.00	27.39 -1.75 0.00	28.55 -1.73 0.00	32.52 -1.18 0.00	40.43 -2.53 0.00	43.76 -3.09 0.00	42.91 -2.79 0.00	39.95 -3.19 0.00	38.99 -1.92 0.00	38.09 -1.96 0.00	37.61 -2.36 0.00	38.37 -2.89 0.00	38.95 -3.25 0.00	39.94 -3.24 0.00	43.91 -4.18 0.00	50.67 -5.26 0.00	49.30 -4.40 0.00	43.42 -4.35 0.00	40.48 -3.42 0.00	38.64 -3.59 0.00	36.19 -3.23 0.00	35.19 -1.62 0.00
LOCKPORT___CC1 323769	30.56 -1.99 0.00	28.66 -1.73 0.00	28.13 -1.76 0.00	27.41 -1.72 0.00	28.55 -1.72 0.00	32.55 -1.15 0.00	40.43 -2.53 0.00	43.76 -3.09 0.00	42.91 -2.79 0.00	41.28 -1.85 0.00	39.24 -1.68 0.00	38.10 -1.96 0.00	37.61 -2.36 0.00	38.36 -2.89 0.00	38.95 -3.25 0.00	39.94 -3.24 0.00	44.01 -4.09 0.00	51.79 -4.14 0.00	49.25 -4.46 0.00	43.37 -4.39 0.00	40.48 -3.42 0.00	38.64 -3.59 0.00	36.55 -2.88 0.00	35.23 -1.58 0.00
LOCKPORT___CC2 323770	30.56 -1.99 0.00	28.66 -1.73 0.00	28.13 -1.76 0.00	27.41 -1.72 0.00	28.55 -1.72 0.00	32.55 -1.15 0.00	40.43 -2.53 0.00	43.76 -3.09 0.00	42.91 -2.79 0.00	41.28 -1.85 0.00	39.24 -1.68 0.00	38.10 -1.96 0.00	37.61 -2.36 0.00	38.36 -2.89 0.00	38.95 -3.25 0.00	39.94 -3.24 0.00	44.01 -4.09 0.00	51.79 -4.14 0.00	49.25 -4.46 0.00	43.37 -4.39 0.00	40.48 -3.42 0.00	38.64 -3.59 0.00	36.55 -2.88 0.00	35.23 -1.58 0.00
LOCKPORT___CC3 323771	30.56 -1.99 0.00	28.66 -1.73 0.00	28.13 -1.76 0.00	27.41 -1.72 0.00	28.55 -1.72 0.00	32.55 -1.15 0.00	40.43 -2.53 0.00	43.76 -3.09 0.00	42.91 -2.79 0.00	41.28 -1.85 0.00	39.24 -1.68 0.00	38.10 -1.96 0.00	37.61 -2.36 0.00	38.36 -2.89 0.00	38.95 -3.25 0.00	39.94 -3.24 0.00	44.01 -4.09 0.00	51.79 -4.14 0.00	49.25 -4.46 0.00	43.37 -4.39 0.00	40.48 -3.42 0.00	38.64 -3.59 0.00	36.55 -2.88 0.00	35.23 -1.58 0.00
LONG_LAKE_PHOENIX 24014	31.73 -0.81 0.00	29.64 -0.76 0.00	29.12 -0.78 0.00	28.38 -0.76 0.00	29.49 -0.79 0.00	32.99 -0.71 0.00	42.02 -0.95 0.00	45.87 -0.98 0.00	44.79 -0.91 0.00	42.06 -1.08 0.00	40.06 -0.86 0.00	39.18 -0.88 0.00	39.01 -0.96 0.00	40.22 -1.03 0.00	41.06 -1.14 0.00	42.15 -1.04 0.00	46.89 -1.20 0.00	54.53 -1.40 0.00	52.41 -1.29 0.00	46.57 -1.19 0.00	42.85 -1.05 0.00	41.00 -1.22 0.00	38.28 -1.14 0.00	35.89 -0.92 0.00
LOVETT___3 23632	34.01 1.46 0.00	31.70 1.31 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.52 1.24 0.00	34.95 1.25 0.00	44.98 2.02 0.00	49.85 3.00 0.00	48.58 2.88 0.00	45.34 2.20 0.00	42.63 1.72 0.00	41.78 1.72 0.00	41.77 1.80 0.00	43.07 1.82 0.00	44.14 1.94 0.00	45.77 2.59 0.00	51.17 3.08 0.00	59.62 3.69 0.00	57.03 3.33 0.00	50.87 3.10 0.00	46.67 2.77 0.00	44.38 2.15 0.00	41.32 1.89 0.00	38.24 1.44 0.00
LOVETT___4 23642	34.01 1.46 0.00	31.70 1.31 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.52 1.24 0.00	34.95 1.25 0.00	44.98 2.02 0.00	49.85 3.00 0.00	48.58 2.88 0.00	45.34 2.20 0.00	42.63 1.72 0.00	41.78 1.72 0.00	41.77 1.80 0.00	43.07 1.82 0.00	44.14 1.94 0.00	45.77 2.59 0.00	51.17 3.08 0.00	59.62 3.69 0.00	57.03 3.33 0.00	50.87 3.10 0.00	46.67 2.77 0.00	44.38 2.15 0.00	41.32 1.89 0.00	38.24 1.44 0.00
LOVETT___5 23593	34.01 1.46 0.00	31.70 1.31 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.52 1.24 0.00	34.95 1.25 0.00	44.98 2.02 0.00	49.85 3.00 0.00	48.58 2.88 0.00	45.34 2.20 0.00	42.63 1.72 0.00	41.78 1.72 0.00	41.77 1.80 0.00	43.07 1.82 0.00	44.14 1.94 0.00	45.77 2.59 0.00	51.17 3.08 0.00	59.62 3.69 0.00	57.03 3.33 0.00	50.87 3.10 0.00	46.67 2.77 0.00	44.38 2.15 0.00	41.32 1.89 0.00	38.24 1.44 0.00
LOWER RAQUET___HYD 24057	31.63 -0.91 0.00	29.54 -0.85 0.00	29.09 -0.81 0.00	28.41 -0.73 0.00	29.58 -0.70 0.00	32.89 -0.81 0.00	41.76 -1.20 0.00	45.12 -1.73 0.00	44.10 -1.60 0.00	41.59 -1.55 0.00	40.01 -0.90 0.00	39.29 -0.76 0.00	39.21 -0.76 0.00	40.59 -0.66 0.00	41.52 -0.68 0.00	41.97 -1.21 0.00	46.80 -1.30 0.00	53.97 -1.96 0.00	52.36 -1.34 0.00	46.43 -1.34 0.00	42.63 -1.27 0.00	41.38 -0.84 0.00	38.56 -0.87 0.00	35.96 -0.85 0.00
LOWER___HUDSON 24059	33.91 1.37 0.00	31.64 1.25 0.00	31.12 1.23 0.00	30.30 1.17 0.00	31.49 1.21 0.00	34.91 1.21 0.00	44.64 1.67 0.00	49.10 2.25 0.00	47.76 2.06 0.00	44.99 1.85 0.00	42.10 1.19 0.00	41.26 1.20 0.00	41.25 1.28 0.00	42.66 1.40 0.00	43.72 1.52 0.00	45.13 1.94 0.00	50.31 2.21 0.00	58.84 2.91 0.00	56.33 2.63 0.00	50.10 2.34 0.00	46.06 2.15 0.00	43.96 1.73 0.00	41.01 1.58 0.00	38.17 1.36 0.00
LOWVILLE_115KV_TB2 356335	32.51 -0.03 0.00	30.36 -0.03 0.00	29.81 -0.09 0.00	29.05 -0.09 0.00	30.25 -0.03 0.00	33.87 0.17 0.00	43.44 0.47 0.00	47.46 0.61 0.00	46.16 0.46 0.00	43.40 0.26 0.00	41.24 0.33 0.00	40.30 0.24 0.00	40.13 0.16 0.00	41.42 0.17 0.00	42.33 0.13 0.00	43.48 0.30 0.00	48.58 0.48 0.00	56.66 0.73 0.00	54.40 0.70 0.00	48.39 0.62 0.00	44.35 0.44 0.00	42.44 0.21 0.00	39.51 0.08 0.00	36.85 0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.30 1.76 0.00	32.01 1.61 0.00	31.42 1.52 0.00	30.59 1.46 0.00	31.79 1.51 0.00	35.38 1.68 0.00	45.24 2.28 0.00	49.71 2.86 0.00	48.44 2.74 0.00	45.38 2.24 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.85 1.88 0.00	43.19 1.94 0.00	44.27 2.07 0.00	45.73 2.55 0.00	50.98 2.89 0.00	59.46 3.52 0.00	57.25 3.54 0.00	50.82 3.06 0.00	46.81 2.90 0.00	44.55 2.32 0.00	41.63 2.21 0.00	38.76 1.95 0.00
LUTHERNY_35_KV_BK2 355980	34.33 1.79 0.00	32.04 1.64 0.00	31.45 1.55 0.00	30.62 1.49 0.00	31.82 1.54 0.00	35.38 1.68 0.00	45.28 2.32 0.00	49.76 2.90 0.00	48.44 2.74 0.00	45.42 2.29 0.00	42.84 1.92 0.00	41.94 1.88 0.00	41.85 1.88 0.00	43.19 1.94 0.00	44.31 2.11 0.00	45.77 2.59 0.00	50.98 2.89 0.00	59.51 3.58 0.00	57.30 3.60 0.00	50.87 3.10 0.00	46.85 2.94 0.00	44.59 2.36 0.00	41.67 2.25 0.00	38.80 1.99 0.00
LWR___OSWEGATCHIE_HYD 23850	31.63 -0.91 0.00	29.51 -0.88 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	32.89 -0.81 0.00	41.98 -0.99 0.00	45.63 -1.22 0.00	44.47 -1.23 0.00	42.15 -0.99 0.00	40.06 -0.86 0.00	39.22 -0.84 0.00	39.09 -0.88 0.00	40.43 -0.83 0.00	41.31 -0.89 0.00	42.10 -1.08 0.00	47.04 -1.06 0.00	54.81 -1.12 0.00	52.63 -1.07 0.00	46.76 -1.00 0.00	42.90 -1.01 0.00	41.30 -0.93 0.00	38.44 -0.99 0.00	35.85 -0.96 0.00

LYONS_FALL_HYD 23570	32.87 0.33 0.00	30.70 0.30 0.00	30.13 0.24 0.00	29.36 0.23 0.00	30.55 0.27 0.00	34.17 0.47 0.00	43.82 0.86 0.00	47.93 1.08 0.00	46.66 0.96 0.00	43.96 0.82 0.00	41.69 0.78 0.00	40.70 0.64 0.00	40.57 0.60 0.00	41.87 0.62 0.00	42.75 0.55 0.00	43.96 0.78 0.00	49.06 0.96 0.00	57.22 1.29 0.00	54.88 1.18 0.00	48.81 1.05 0.00	44.79 0.88 0.00	42.86 0.63 0.00	39.90 0.47 0.00	37.22 0.41 0.00
MADISON___COUNTY_LFGE 323628	33.39 0.85 0.00	31.19 0.79 0.00	30.61 0.72 0.00	29.83 0.70 0.00	31.03 0.76 0.00	34.78 1.08 0.00	44.55 1.59 0.00	48.77 1.92 0.00	47.48 1.78 0.00	44.52 1.38 0.00	42.35 1.43 0.00	41.38 1.32 0.00	41.25 1.28 0.00	42.53 1.28 0.00	43.42 1.22 0.00	44.69 1.51 0.00	49.83 1.73 0.00	57.89 1.96 0.00	55.58 1.88 0.00	49.39 1.62 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.03 0.00	37.84 1.03 0.00
MALONE___115KV_TB1 356076	32.45 -0.10 0.00	30.27 -0.12 0.00	29.84 -0.06 0.00	29.25 0.12 0.00	30.52 0.24 0.00	33.97 0.27 0.00	43.09 0.13 0.00	46.57 -0.28 0.00	45.65 -0.05 0.00	43.61 0.47 0.00	41.57 0.65 0.00	40.82 0.76 0.00	40.65 0.68 0.00	42.20 0.95 0.00	43.17 0.97 0.00	43.66 0.47 0.00	48.87 0.77 0.00	56.94 1.01 0.00	54.78 1.07 0.00	48.48 0.72 0.00	44.52 0.61 0.00	43.12 0.89 0.00	40.14 0.71 0.00	37.62 0.81 0.00
MAPLEWOD_115KV_TB3 80458	33.72 1.17 0.00	31.55 1.16 0.00	31.00 1.11 0.00	30.21 1.08 0.00	31.37 1.09 0.00	34.64 0.94 0.00	44.30 1.33 0.00	48.68 1.83 0.00	47.44 1.74 0.00	44.47 1.34 0.00	41.86 0.94 0.00	40.98 0.92 0.00	40.97 1.00 0.00	42.33 1.07 0.00	43.38 1.18 0.00	44.78 1.60 0.00	49.92 1.83 0.00	58.17 2.24 0.00	55.85 2.15 0.00	49.68 1.91 0.00	45.71 1.80 0.00	43.58 1.35 0.00	40.69 1.26 0.00	37.84 1.03 0.00
MAPLE_RIDGE_WT_1 323574	32.41 -0.13 0.00	30.27 -0.12 0.00	29.78 -0.12 0.00	29.05 -0.09 0.00	30.22 -0.06 0.00	33.60 -0.10 0.00	42.79 -0.17 0.00	46.53 -0.33 0.00	45.38 -0.32 0.00	42.84 -0.30 0.00	40.83 -0.08 0.00	40.02 -0.04 0.00	39.93 -0.04 0.00	41.21 -0.04 0.00	42.20 0.00 0.00	42.97 -0.21 0.00	47.91 -0.19 0.00	55.54 -0.39 0.00	53.49 -0.21 0.00	47.53 -0.24 0.00	43.69 -0.22 0.00	42.19 -0.04 0.00	39.39 -0.04 0.00	36.77 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	32.41 -0.13 0.00	30.27 -0.12 0.00	29.78 -0.12 0.00	29.05 -0.09 0.00	30.22 -0.06 0.00	33.60 -0.10 0.00	42.79 -0.17 0.00	46.53 -0.33 0.00	45.38 -0.32 0.00	42.84 -0.30 0.00	40.83 -0.08 0.00	40.02 -0.04 0.00	39.93 -0.04 0.00	41.21 -0.04 0.00	42.20 0.00 0.00	42.97 -0.21 0.00	47.91 -0.19 0.00	55.54 -0.39 0.00	53.49 -0.21 0.00	47.53 -0.24 0.00	43.69 -0.22 0.00	42.19 -0.04 0.00	39.39 -0.04 0.00	36.77 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	32.28 -0.26 0.00	30.12 -0.27 0.00	29.69 -0.21 0.00	29.10 -0.03 0.00	30.37 0.09 0.00	33.83 0.14 0.00	42.75 -0.21 0.00	46.20 -0.66 0.00	45.24 -0.46 0.00	42.79 -0.35 0.00	41.28 0.37 0.00	40.62 0.56 0.00	40.53 0.56 0.00	42.03 0.78 0.00	43.04 0.84 0.00	43.61 0.43 0.00	48.77 0.67 0.00	56.38 0.45 0.00	54.67 0.97 0.00	48.38 0.62 0.00	44.44 0.53 0.00	43.07 0.84 0.00	40.06 0.63 0.00	37.69 0.88 0.00
MARSHVLE_115KV_TB1 80742	34.11 1.56 0.00	31.88 1.49 0.00	31.27 1.38 0.00	30.41 1.28 0.00	31.67 1.39 0.00	35.52 1.82 0.00	45.76 2.79 0.00	49.99 3.14 0.00	48.63 2.92 0.00	45.38 2.24 0.00	43.00 2.09 0.00	42.02 1.96 0.00	41.89 1.92 0.00	43.19 1.94 0.00	44.18 1.98 0.00	45.77 2.59 0.00	51.22 3.13 0.00	59.90 3.97 0.00	57.68 3.97 0.00	51.11 3.34 0.00	47.07 3.16 0.00	44.89 2.66 0.00	41.75 2.33 0.00	38.87 2.06 0.00
MARSH_HILL_WT_PWR 323713	31.80 -0.75 0.00	29.85 -0.55 0.00	29.33 -0.57 0.00	28.70 -0.44 0.00	29.91 -0.36 0.00	34.14 0.44 0.00	43.27 0.30 0.00	47.37 0.52 0.00	46.39 0.69 0.00	44.17 1.03 0.00	41.98 1.06 0.00	40.70 0.64 0.00	40.09 0.12 0.00	40.97 -0.29 0.00	41.61 -0.59 0.00	42.71 -0.47 0.00	47.38 -0.72 0.00	55.65 -0.28 0.00	52.84 -0.86 0.00	46.52 -1.24 0.00	43.12 -0.79 0.00	41.17 -1.05 0.00	38.76 -0.67 0.00	36.92 0.11 0.00
MCINTYRE_115KV_TB2 80467	32.61 0.07 0.00	30.43 0.03 0.00	29.93 0.03 0.00	29.22 0.09 0.00	30.43 0.15 0.00	33.87 0.17 0.00	43.09 0.13 0.00	46.57 -0.28 0.00	45.52 -0.18 0.00	43.53 0.39 0.00	41.41 0.49 0.00	40.58 0.52 0.00	40.49 0.52 0.00	41.91 0.66 0.00	42.83 0.63 0.00	43.27 0.09 0.00	48.19 0.10 0.00	56.10 0.17 0.00	53.92 0.21 0.00	47.86 0.10 0.00	43.91 0.00 0.00	42.61 0.38 0.00	39.70 0.28 0.00	37.03 0.22 0.00
MECO_____69_KV_BK1 80468	35.54 2.99 0.00	33.19 2.80 0.00	32.44 2.54 0.00	31.58 2.45 0.00	32.88 2.60 0.00	36.90 3.20 0.00	47.60 4.64 0.00	52.10 5.25 0.00	50.54 4.84 0.00	47.11 3.97 0.00	44.64 3.72 0.00	43.58 3.53 0.00	43.37 3.40 0.00	44.72 3.47 0.00	45.87 3.67 0.00	47.80 4.62 0.00	53.58 5.48 0.00	62.92 6.99 0.00	60.68 6.98 0.00	53.64 5.88 0.00	49.57 5.66 0.00	47.00 4.77 0.00	43.65 4.22 0.00	40.56 3.75 0.00
MENANDS___115KV_TB5 355628	33.62 1.07 0.00	31.43 1.03 0.00	30.91 1.02 0.00	30.12 0.99 0.00	31.25 0.97 0.00	34.47 0.78 0.00	44.04 1.07 0.00	48.40 1.55 0.00	47.16 1.46 0.00	44.22 1.08 0.00	41.61 0.70 0.00	40.74 0.68 0.00	40.77 0.80 0.00	42.12 0.87 0.00	43.17 0.97 0.00	44.56 1.38 0.00	49.68 1.59 0.00	57.83 1.90 0.00	55.53 1.83 0.00	49.39 1.62 0.00	45.40 1.49 0.00	43.33 1.10 0.00	40.49 1.06 0.00	37.62 0.81 0.00
MG INDUSTRY___DRP 24185	33.62 1.07 0.00	31.43 1.03 0.00	30.91 1.02 0.00	30.12 0.99 0.00	31.25 0.97 0.00	34.54 0.84 0.00	44.08 1.12 0.00	48.40 1.55 0.00	47.12 1.42 0.00	44.22 1.08 0.00	41.69 0.78 0.00	40.82 0.76 0.00	40.81 0.84 0.00	42.12 0.87 0.00	43.17 0.97 0.00	44.48 1.30 0.00	49.59 1.49 0.00	57.72 1.79 0.00	55.48 1.77 0.00	49.34 1.58 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.49 1.06 0.00	37.73 0.92 0.00
MID___OSWEGATCHIE_HYD 23849	31.63 -0.91 0.00	29.51 -0.88 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	32.89 -0.81 0.00	41.98 -0.99 0.00	45.63 -1.22 0.00	44.47 -1.23 0.00	42.15 -0.99 0.00	40.06 -0.86 0.00	39.22 -0.84 0.00	39.09 -0.88 0.00	40.43 -0.83 0.00	41.31 -0.89 0.00	42.10 -1.08 0.00	47.04 -1.06 0.00	54.81 -1.12 0.00	52.63 -1.07 0.00	46.76 -1.00 0.00	42.90 -1.01 0.00	41.30 -0.93 0.00	38.44 -0.99 0.00	35.85 -0.96 0.00
MID___RAQUETTE_HYD 23851	31.63 -0.91 0.00	29.54 -0.85 0.00	29.09 -0.81 0.00	28.40 -0.73 0.00	29.58 -0.70 0.00	32.89 -0.81 0.00	41.76 -1.20 0.00	45.12 -1.73 0.00	44.10 -1.60 0.00	42.15 -0.99 0.00	40.06 -0.86 0.00	39.30 -0.76 0.00	39.21 -0.76 0.00	40.59 -0.66 0.00	41.52 -0.68 0.00	41.97 -1.21 0.00	46.80 -1.30 0.00	54.53 -1.40 0.00	52.36 -1.34 0.00	46.43 -1.34 0.00	42.63 -1.27 0.00	41.38 -0.84 0.00	38.56 -0.87 0.00	35.96 -0.85 0.00

MILLIKEN___1 23584	33.03 0.49 0.00	30.85 0.46 0.00	30.31 0.42 0.00	29.57 0.44 0.00	30.73 0.45 0.00	34.54 0.84 0.00	44.17 1.20 0.00	48.35 1.50 0.00	47.21 1.51 0.00	44.09 0.95 0.00	42.14 1.23 0.00	41.18 1.12 0.00	40.97 1.00 0.00	42.16 0.91 0.00	42.96 0.76 0.00	44.17 0.99 0.00	49.25 1.15 0.00	57.39 1.45 0.00	55.15 1.45 0.00	48.91 1.15 0.00	45.01 1.10 0.00	42.99 0.76 0.00	40.10 0.67 0.00	37.66 0.85 0.00
MILLIKEN___2 23585	33.03 0.49 0.00	30.85 0.46 0.00	30.31 0.42 0.00	29.57 0.44 0.00	30.73 0.45 0.00	34.54 0.84 0.00	44.17 1.20 0.00	48.35 1.50 0.00	47.21 1.51 0.00	44.09 0.95 0.00	42.14 1.23 0.00	41.18 1.12 0.00	40.97 1.00 0.00	42.16 0.91 0.00	42.96 0.76 0.00	44.17 0.99 0.00	49.25 1.15 0.00	57.39 1.45 0.00	55.15 1.45 0.00	48.91 1.15 0.00	45.01 1.10 0.00	42.99 0.76 0.00	40.10 0.67 0.00	37.66 0.85 0.00
MILLIKEN___DIESEL 23629	33.03 0.49 0.00	30.85 0.46 0.00	30.31 0.42 0.00	29.57 0.44 0.00	30.73 0.45 0.00	34.54 0.84 0.00	44.17 1.20 0.00	48.35 1.50 0.00	47.21 1.51 0.00	44.09 0.95 0.00	42.14 1.23 0.00	41.18 1.12 0.00	40.97 1.00 0.00	42.16 0.91 0.00	42.96 0.76 0.00	44.17 0.99 0.00	49.25 1.15 0.00	57.39 1.45 0.00	55.15 1.45 0.00	48.91 1.15 0.00	45.01 1.10 0.00	42.99 0.76 0.00	40.10 0.67 0.00	37.66 0.85 0.00
MILLSEAT___LFGE 323607	31.11 -1.43 0.00	29.15 -1.25 0.00	28.58 -1.31 0.00	27.85 -1.28 0.00	29.03 -1.24 0.00	33.09 -0.61 0.00	41.24 -1.72 0.00	44.75 -2.11 0.00	43.92 -1.78 0.00	42.19 -0.95 0.00	40.05 -0.86 0.00	38.89 -1.16 0.00	38.45 -1.52 0.00	39.27 -1.98 0.00	39.88 -2.32 0.00	40.93 -2.25 0.00	45.16 -2.94 0.00	53.19 -2.74 0.00	50.59 -3.12 0.00	44.57 -3.20 0.00	41.49 -2.41 0.00	39.57 -2.66 0.00	37.34 -2.09 0.00	35.85 -0.96 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.11 1.56 0.00	31.82 1.43 0.00	31.33 1.44 0.00	30.44 1.31 0.00	31.64 1.36 0.00	35.05 1.35 0.00	45.11 2.15 0.00	50.04 3.19 0.00	48.76 3.06 0.00	45.51 2.37 0.00	42.80 1.88 0.00	41.94 1.88 0.00	41.93 1.96 0.00	43.27 2.02 0.00	44.35 2.15 0.00	45.99 2.81 0.00	51.37 3.27 0.00	59.85 3.92 0.00	57.30 3.60 0.00	51.06 3.30 0.00	46.85 2.94 0.00	44.55 2.32 0.00	41.48 2.05 0.00	38.39 1.58 0.00
MILLWOOD_13_KV_LOAD 356217	34.17 1.63 0.00	31.88 1.49 0.00	31.39 1.49 0.00	30.50 1.37 0.00	31.67 1.39 0.00	35.11 1.42 0.00	45.20 2.23 0.00	50.18 3.33 0.00	48.90 3.20 0.00	45.60 2.46 0.00	42.88 1.96 0.00	42.02 1.96 0.00	42.01 2.04 0.00	43.32 2.06 0.00	44.39 2.19 0.00	46.07 2.89 0.00	51.51 3.41 0.00	60.01 4.08 0.00	57.46 3.76 0.00	51.20 3.44 0.00	46.98 3.07 0.00	44.64 2.41 0.00	41.56 2.13 0.00	38.47 1.66 0.00
MODEL_CITY_ENERGY 24167	30.20 -2.34 0.00	28.36 -2.04 0.00	27.80 -2.09 0.00	27.09 -2.04 0.00	28.22 -2.06 0.00	32.18 -1.52 0.00	39.91 -3.05 0.00	43.15 -3.70 0.00	42.32 -3.38 0.00	40.72 -2.41 0.00	38.71 -2.21 0.00	37.53 -2.52 0.00	37.09 -2.88 0.00	37.83 -3.42 0.00	38.40 -3.80 0.00	39.42 -3.76 0.00	43.39 -4.71 0.00	51.07 -4.87 0.00	48.55 -5.16 0.00	42.80 -4.97 0.00	39.96 -3.95 0.00	38.13 -4.10 0.00	36.08 -3.35 0.00	34.82 -1.99 0.00
MODERN_LFGE___ 323580	30.20 -2.34 0.00	28.36 -2.04 0.00	27.80 -2.09 0.00	27.09 -2.04 0.00	28.22 -2.06 0.00	32.18 -1.52 0.00	39.91 -3.05 0.00	43.15 -3.70 0.00	42.32 -3.38 0.00	40.72 -2.41 0.00	38.71 -2.21 0.00	37.53 -2.52 0.00	37.09 -2.88 0.00	37.83 -3.42 0.00	38.40 -3.80 0.00	39.42 -3.76 0.00	43.39 -4.71 0.00	51.07 -4.87 0.00	48.55 -5.16 0.00	42.80 -4.97 0.00	39.96 -3.95 0.00	38.13 -4.10 0.00	36.08 -3.35 0.00	34.82 -1.99 0.00
MOHAWK_PAPER___DRP 24187	33.72 1.17 0.00	31.55 1.16 0.00	31.00 1.11 0.00	30.21 1.08 0.00	31.37 1.09 0.00	34.64 0.94 0.00	44.30 1.33 0.00	48.68 1.83 0.00	47.44 1.74 0.00	44.47 1.34 0.00	41.86 0.94 0.00	40.98 0.92 0.00	40.97 1.00 0.00	42.33 1.07 0.00	43.38 1.18 0.00	44.78 1.60 0.00	49.92 1.83 0.00	58.17 2.24 0.00	55.85 2.15 0.00	49.68 1.91 0.00	45.71 1.80 0.00	43.58 1.35 0.00	40.69 1.26 0.00	37.84 1.03 0.00
MOHICAN___35_KV_115KV_LD 80490	34.63 2.08 0.00	32.28 1.88 0.00	31.66 1.76 0.00	30.82 1.69 0.00	32.06 1.79 0.00	35.69 1.99 0.00	45.71 2.75 0.00	50.27 3.42 0.00	48.95 3.24 0.00	45.81 2.67 0.00	43.25 2.33 0.00	42.34 2.28 0.00	42.21 2.24 0.00	43.56 2.31 0.00	44.65 2.45 0.00	46.20 3.02 0.00	51.46 3.37 0.00	60.18 4.25 0.00	58.11 4.40 0.00	51.49 3.73 0.00	47.46 3.56 0.00	45.06 2.83 0.00	42.19 2.76 0.00	39.28 2.47 0.00
MONGAUP___HYD 23641	33.42 0.88 0.00	31.12 0.73 0.00	30.64 0.75 0.00	29.75 0.61 0.00	30.97 0.70 0.00	34.37 0.67 0.00	44.34 1.37 0.00	48.73 1.88 0.00	47.48 1.78 0.00	44.48 1.34 0.00	41.57 0.65 0.00	40.66 0.60 0.00	40.61 0.64 0.00	41.95 0.70 0.00	43.04 0.84 0.00	44.60 1.42 0.00	50.02 1.93 0.00	58.78 2.85 0.00	55.85 2.15 0.00	49.77 2.01 0.00	45.71 1.80 0.00	43.41 1.18 0.00	40.37 0.94 0.00	37.47 0.66 0.00
MONTAUK___DIESEL 23721	41.63 4.17 -4.92	36.94 3.83 -2.71	37.07 3.86 -3.31	34.48 3.67 -1.68	34.92 3.78 -0.86	46.57 4.21 -8.66	53.41 6.14 -4.30	66.18 7.87 -11.46	60.20 7.36 -7.14	51.18 5.91 -2.14	51.54 5.32 -5.30	49.08 5.05 -3.97	49.05 5.12 -3.96	49.61 5.28 -3.07	51.54 5.65 -3.69	53.25 6.69 -3.38	64.30 7.94 -8.26	79.54 9.62 -13.98	76.30 9.02 -13.57	67.39 7.98 -11.65	58.89 7.29 -7.70	55.86 6.29 -7.34	50.71 5.48 -5.81	47.11 4.75 -5.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.70 -0.85 0.00	29.51 -0.88 0.00	29.21 -0.69 0.00	28.70 -0.44 0.00	29.85 -0.42 0.00	34.14 0.44 0.00	43.14 0.17 0.00	47.13 0.28 0.00	46.20 0.50 0.00	42.84 -0.30 0.00	41.61 0.70 0.00	40.58 0.52 0.00	40.05 0.08 0.00	40.72 -0.54 0.00	41.27 -0.93 0.00	42.32 -0.86 0.00	46.65 -1.44 0.00	54.03 -1.90 0.00	52.25 -1.45 0.00	46.14 -1.62 0.00	42.99 -0.92 0.00	41.09 -1.14 0.00	38.68 -0.75 0.00	37.25 0.44 0.00
MORTIMER_115KV_TB3 55949	31.41 -1.14 0.00	29.33 -1.06 0.00	28.82 -1.08 0.00	28.08 -1.05 0.00	29.22 -1.06 0.00	33.06 -0.64 0.00	41.59 -1.37 0.00	45.21 -1.64 0.00	44.28 -1.42 0.00	41.46 -1.68 0.00	40.06 -0.86 0.00	39.14 -0.92 0.00	38.81 -1.16 0.00	39.85 -1.40 0.00	40.55 -1.65 0.00	41.58 -1.60 0.00	45.93 -2.16 0.00	53.25 -2.68 0.00	51.45 -2.26 0.00	45.52 -2.24 0.00	42.11 -1.80 0.00	40.24 -1.98 0.00	37.57 -1.85 0.00	35.89 -0.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.32 3.47 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.70 3.61 0.00	60.24 4.31 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.71 2.29 0.00	38.58 1.77 0.00

MUNSVILLE_WIND_PWR 323609	35.02 2.47 0.00	32.83 2.43 0.00	32.14 2.24 0.00	31.32 2.19 0.00	32.67 2.39 0.00	37.00 3.30 0.00	47.90 4.94 0.00	52.80 5.95 0.00	51.37 5.67 0.00	48.40 5.26 0.00	45.82 4.91 0.00	44.82 4.76 0.00	44.61 4.63 0.00	45.83 4.58 0.00	46.55 4.35 0.00	48.06 4.88 0.00	53.72 5.62 0.00	63.04 7.10 0.00	60.04 6.33 0.00	53.30 5.54 0.00	48.82 4.92 0.00	46.28 4.05 0.00	43.09 3.67 0.00	40.38 3.57 0.00
N SALMON___HYD 24042	32.45 -0.10 0.00	30.27 -0.12 0.00	29.84 -0.06 0.00	29.25 0.12 0.00	30.52 0.24 0.00	33.97 0.27 0.00	43.09 0.13 0.00	46.57 -0.28 0.00	45.65 -0.05 0.00	43.09 -0.04 0.00	41.57 0.65 0.00	40.82 0.76 0.00	40.65 0.68 0.00	42.20 0.95 0.00	43.17 0.97 0.00	43.66 0.48 0.00	48.86 0.77 0.00	56.49 0.56 0.00	54.78 1.07 0.00	48.48 0.72 0.00	44.52 0.61 0.00	43.12 0.89 0.00	40.14 0.71 0.00	37.62 0.81 0.00
N.AKRON__115KV_KNAPP 355671	31.11 -1.43 0.00	29.09 -1.31 0.00	28.58 -1.32 0.00	27.85 -1.28 0.00	29.03 -1.24 0.00	33.09 -0.61 0.00	41.25 -1.72 0.00	44.74 -2.11 0.00	43.92 -1.78 0.00	40.89 -2.24 0.00	39.85 -1.06 0.00	38.90 -1.16 0.00	38.41 -1.56 0.00	39.27 -1.98 0.00	39.88 -2.32 0.00	40.89 -2.29 0.00	45.02 -3.08 0.00	52.07 -3.86 0.00	50.53 -3.17 0.00	44.52 -3.25 0.00	41.45 -2.46 0.00	39.57 -2.66 0.00	36.98 -2.44 0.00	35.82 -0.99 0.00
N.BELMOR_69_KV_BK1 55787	39.81 2.34 -4.92	35.26 2.16 -2.71	35.36 2.15 -3.31	32.82 2.01 -1.68	33.20 2.06 -0.86	44.55 2.19 -8.66	50.49 3.22 -4.30	62.71 4.40 -11.46	57.09 4.25 -7.14	48.72 3.45 -2.14	49.12 2.90 -5.30	46.91 2.88 -3.97	46.89 2.96 -3.96	47.34 3.01 -3.07	49.05 3.16 -3.69	50.45 3.89 -3.38	60.88 4.52 -8.26	75.34 5.43 -13.98	72.27 4.99 -13.57	63.95 4.54 -11.65	55.69 4.08 -7.70	52.95 3.38 -7.34	48.23 3.00 -5.81	44.83 2.47 -5.56
N.E_GEN_SANDY PD 24062	45.28 1.50 -11.24	38.90 1.37 -7.14	38.40 1.38 -7.13	37.50 1.28 -7.09	37.28 1.33 -5.67	42.20 1.31 -7.19	50.24 1.85 -5.43	49.33 2.48 0.00	48.03 2.33 0.00	45.21 2.07 0.00	42.14 1.23 0.00	41.30 1.24 0.00	41.37 1.40 0.00	42.78 1.53 0.00	45.06 1.69 -1.17	49.75 2.16 -4.41	53.28 2.50 -2.68	59.23 3.30 0.00	56.49 2.79 0.00	51.66 2.58 -1.32	51.68 2.33 -5.45	47.09 1.90 -2.96	42.05 1.73 -0.89	38.24 1.43 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.04 1.50 0.00	31.73 1.34 0.00	31.27 1.38 0.00	30.39 1.25 0.00	31.55 1.27 0.00	35.01 1.31 0.00	45.07 2.11 0.00	49.95 3.09 0.00	48.63 2.92 0.00	45.38 2.24 0.00	42.67 1.76 0.00	41.78 1.72 0.00	41.81 1.84 0.00	43.11 1.86 0.00	44.18 1.98 0.00	45.82 2.63 0.00	51.22 3.13 0.00	59.68 3.75 0.00	57.09 3.38 0.00	50.92 3.15 0.00	46.72 2.81 0.00	44.42 2.20 0.00	41.36 1.93 0.00	38.28 1.47 0.00
N.QUEENS_27_KV_LOAD 356247	34.50 1.95 -0.01	32.17 1.76 -0.01	31.76 1.85 -0.01	30.82 1.69 0.00	31.97 1.70 0.00	35.25 1.55 0.00	45.24 2.28 0.00	50.27 3.42 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.38 3.20 0.00	51.80 3.70 0.00	60.34 4.42 0.01	57.68 3.97 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.72 2.49 0.00	41.83 2.41 0.00	38.72 1.91 0.00
N.TROY___115KV_TB1 355778	33.91 1.37 0.00	31.67 1.28 0.00	31.12 1.23 0.00	30.30 1.17 0.00	31.49 1.21 0.00	34.91 1.21 0.00	44.64 1.68 0.00	49.10 2.25 0.00	47.76 2.06 0.00	44.78 1.64 0.00	42.14 1.23 0.00	41.26 1.20 0.00	41.25 1.28 0.00	42.66 1.40 0.00	43.72 1.52 0.00	45.12 1.94 0.00	50.31 2.21 0.00	58.62 2.68 0.00	56.33 2.63 0.00	50.11 2.34 0.00	46.06 2.15 0.00	43.96 1.73 0.00	41.04 1.62 0.00	38.21 1.40 0.00
NARROWS_GT1_1 24228	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT1_2 24229	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT1_3 24230	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT1_4 24231	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT1_5 24232	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT1_6 24233	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT1_7 24234	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00

NARROWS_GT1_8 24235	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_1 24236	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_2 24237	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_3 24238	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_4 24239	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_5 24240	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_6 24241	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_7 24242	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NARROWS_GT2_8 24243	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.17 1.63 0.00	31.95 1.55 0.00	31.39 1.49 0.00	30.59 1.46 0.00	31.76 1.48 0.00	35.01 1.31 0.00	44.90 1.93 0.00	49.01 2.16 0.00	47.67 1.97 0.00	44.47 1.34 0.00	41.82 0.90 0.00	40.86 0.80 0.00	40.81 0.84 0.00	42.24 0.99 0.00	43.34 1.14 0.00	44.74 1.55 0.00	50.12 2.02 0.00	58.56 2.63 0.00	56.23 2.52 0.00	49.96 2.20 0.00	45.97 2.06 0.00	43.75 1.52 0.00	40.85 1.42 0.00	38.06 1.25 0.00
NCHELSEA_115KV_TR2 355582	34.40 1.86 0.00	32.04 1.64 0.00	31.57 1.67 0.00	30.65 1.51 0.00	31.85 1.57 0.00	35.35 1.65 0.00	45.58 2.62 0.00	50.27 3.42 0.00	49.04 3.34 0.00	45.60 2.46 0.00	42.88 1.96 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.27 2.02 0.00	44.35 2.15 0.00	46.03 2.85 0.00	51.61 3.51 0.00	60.24 4.31 0.00	57.57 3.87 0.00	51.30 3.53 0.00	47.11 3.21 0.00	44.72 2.49 0.00	41.63 2.21 0.00	38.58 1.77 0.00
NEG CAPITAL___MECHNVIL 23645	34.37 1.82 0.00	32.04 1.64 0.00	31.48 1.58 0.00	30.65 1.51 0.00	31.85 1.57 0.00	35.42 1.72 0.00	45.33 2.36 0.00	49.81 2.95 0.00	48.53 2.83 0.00	45.68 2.54 0.00	42.84 1.92 0.00	41.98 1.92 0.00	41.89 1.92 0.00	43.27 2.02 0.00	44.35 2.15 0.00	45.82 2.63 0.00	51.08 2.98 0.00	59.85 3.91 0.00	57.36 3.65 0.00	50.92 3.15 0.00	46.90 2.99 0.00	44.63 2.41 0.00	41.67 2.25 0.00	38.80 1.99 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.98 -1.56 0.00	28.97 -1.43 0.00	28.43 -1.46 0.00	27.71 -1.43 0.00	28.82 -1.45 0.00	32.55 -1.15 0.00	40.95 -2.02 0.00	44.65 -2.20 0.00	43.69 -2.01 0.00	41.63 -1.51 0.00	39.57 -1.35 0.00	38.53 -1.52 0.00	38.30 -1.68 0.00	39.36 -1.90 0.00	40.09 -2.11 0.00	41.11 -2.07 0.00	45.50 -2.60 0.00	53.30 -2.63 0.00	50.91 -2.79 0.00	44.99 -2.77 0.00	41.62 -2.29 0.00	39.78 -2.45 0.00	37.26 -2.17 0.00	35.26 -1.54 0.00
NEG CENTRAL___DRP 24199	32.28 -0.26 0.00	30.15 -0.24 0.00	29.63 -0.27 0.00	28.90 -0.23 0.00	30.06 -0.21 0.00	33.90 0.20 0.00	43.78 0.82 0.00	47.93 1.08 0.00	46.84 1.14 0.00	43.78 0.65 0.00	42.10 1.19 0.00	41.06 1.00 0.00	40.77 0.80 0.00	41.91 0.66 0.00	42.66 0.46 0.00	43.74 0.56 0.00	48.58 0.48 0.00	56.60 0.67 0.00	54.51 0.81 0.00	48.24 0.48 0.00	44.43 0.53 0.00	42.57 0.34 0.00	39.70 0.28 0.00	37.40 0.59 0.00
NEG CENTRAL___INDECK 23768	32.58 0.03 0.00	30.46 0.06 0.00	29.87 -0.03 0.00	29.13 0.00 0.00	30.34 0.06 0.00	34.54 0.84 0.00	43.61 0.65 0.00	47.65 0.80 0.00	46.75 1.05 0.00	44.61 1.47 0.00	42.26 1.35 0.00	41.02 0.96 0.00	40.57 0.60 0.00	41.50 0.25 0.00	42.20 0.00 0.00	43.44 0.26 0.00	48.24 0.14 0.00	56.82 0.89 0.00	54.13 0.43 0.00	47.67 -0.10 0.00	44.13 0.22 0.00	42.06 -0.17 0.00	39.47 0.04 0.00	37.47 0.66 0.00

NEG CENTRAL___SENECA 23627	32.41 -0.13 0.00	30.27 -0.12 0.00	29.75 -0.15 0.00	29.02 -0.12 0.00	30.22 -0.06 0.00	34.17 0.47 0.00	44.51 1.55 0.00	48.82 1.97 0.00	47.67 1.97 0.00	44.52 1.38 0.00	43.00 2.09 0.00	41.90 1.84 0.00	41.53 1.56 0.00	42.66 1.40 0.00	43.34 1.14 0.00	44.39 1.21 0.00	49.25 1.15 0.00	57.44 1.51 0.00	55.31 1.61 0.00	48.91 1.15 0.00	45.09 1.19 0.00	43.20 0.97 0.00	40.29 0.87 0.00	38.06 1.25 0.00
NEG CENTRAL___STATE_STREET 24147	32.38 -0.16 0.00	30.24 -0.15 0.00	29.72 -0.18 0.00	28.96 -0.17 0.00	30.12 -0.15 0.00	33.83 0.13 0.00	43.22 0.26 0.00	47.27 0.42 0.00	46.16 0.46 0.00	43.27 0.13 0.00	41.37 0.45 0.00	40.42 0.36 0.00	40.21 0.24 0.00	41.42 0.17 0.00	42.20 0.00 0.00	43.31 0.13 0.00	48.19 0.10 0.00	56.10 0.17 0.00	53.97 0.27 0.00	47.86 0.10 0.00	44.04 0.13 0.00	42.10 -0.13 0.00	39.27 -0.16 0.00	36.88 0.07 0.00
NEG MILLWOOD___DRP 24198	34.50 1.95 0.00	32.16 1.76 0.00	31.66 1.76 0.00	30.76 1.63 0.00	31.91 1.63 0.00	35.38 1.68 0.00	45.67 2.71 0.00	50.60 3.75 0.00	49.36 3.66 0.00	45.86 2.72 0.00	43.12 2.21 0.00	42.18 2.12 0.00	42.13 2.16 0.00	43.52 2.27 0.00	44.56 2.36 0.00	46.33 3.15 0.00	51.85 3.75 0.00	60.57 4.64 0.00	58.00 4.30 0.00	51.63 3.87 0.00	47.42 3.51 0.00	44.97 2.74 0.00	41.79 2.37 0.00	38.72 1.91 0.00
NEG NORTH_FLCN_SEA 23793	32.58 0.03 0.00	30.43 0.03 0.00	29.99 0.09 0.00	29.42 0.29 0.00	30.73 0.45 0.00	34.24 0.54 0.00	43.05 0.09 0.00	46.48 -0.37 0.00	45.56 -0.14 0.00	43.57 0.43 0.00	41.61 0.70 0.00	40.94 0.88 0.00	40.85 0.88 0.00	42.41 1.16 0.00	43.42 1.22 0.00	44.00 0.82 0.00	49.25 1.15 0.00	57.39 1.45 0.00	55.21 1.50 0.00	48.86 1.10 0.00	44.87 0.97 0.00	43.45 1.22 0.00	40.41 0.99 0.00	38.21 1.40 0.00
NEG NORTH_KES_CHATEGAY 23792	32.32 -0.23 0.00	30.18 -0.21 0.00	29.75 -0.15 0.00	29.13 0.00 0.00	30.40 0.12 0.00	33.87 0.17 0.00	42.88 -0.09 0.00	46.24 -0.61 0.00	45.29 -0.41 0.00	43.31 0.17 0.00	41.32 0.41 0.00	40.66 0.60 0.00	40.53 0.56 0.00	42.08 0.83 0.00	43.09 0.89 0.00	43.66 0.47 0.00	48.87 0.77 0.00	56.88 0.95 0.00	54.78 1.07 0.00	48.48 0.72 0.00	44.52 0.61 0.00	43.16 0.93 0.00	40.18 0.75 0.00	37.73 0.92 0.00
NEG NORTH___ALICE_FALLS 23915	32.64 0.10 0.00	30.46 0.06 0.00	30.05 0.15 0.00	29.48 0.35 0.00	30.79 0.51 0.00	34.31 0.61 0.00	43.31 0.34 0.00	46.81 -0.05 0.00	45.88 0.18 0.00	43.83 0.69 0.00	41.86 0.94 0.00	41.18 1.12 0.00	41.05 1.08 0.00	42.61 1.36 0.00	43.68 1.48 0.00	44.22 1.04 0.00	49.59 1.49 0.00	57.78 1.85 0.00	55.64 1.93 0.00	49.15 1.39 0.00	45.14 1.23 0.00	43.66 1.44 0.00	40.61 1.18 0.00	38.28 1.47 0.00
NEG NORTH___LWR_SARANAC 23913	32.64 0.10 0.00	30.46 0.06 0.00	30.05 0.15 0.00	29.48 0.35 0.00	30.79 0.51 0.00	34.31 0.61 0.00	43.31 0.34 0.00	46.81 -0.05 0.00	45.88 0.18 0.00	43.83 0.69 0.00	41.86 0.94 0.00	41.18 1.12 0.00	41.05 1.08 0.00	42.61 1.36 0.00	43.68 1.48 0.00	44.22 1.04 0.00	49.59 1.49 0.00	57.78 1.85 0.00	55.64 1.93 0.00	49.15 1.39 0.00	45.14 1.23 0.00	43.66 1.44 0.00	40.61 1.18 0.00	38.28 1.47 0.00
NEG NORTH___PLATTSBURG 23628	32.64 0.10 0.00	30.46 0.06 0.00	30.05 0.15 0.00	29.48 0.35 0.00	30.79 0.51 0.00	34.31 0.61 0.00	43.31 0.34 0.00	46.81 -0.05 0.00	45.88 0.18 0.00	43.35 0.22 0.00	41.86 0.94 0.00	41.18 1.12 0.00	41.05 1.08 0.00	42.61 1.36 0.00	43.68 1.48 0.00	44.22 1.03 0.00	49.59 1.49 0.00	57.33 1.40 0.00	55.63 1.93 0.00	49.15 1.39 0.00	45.14 1.23 0.00	43.67 1.44 0.00	40.61 1.18 0.00	38.28 1.47 0.00
NEG WEST_LEA_LOCKPORT 23791	30.56 -1.99 0.00	28.60 -1.79 0.00	28.13 -1.76 0.00	27.41 -1.72 0.00	28.55 -1.73 0.00	32.55 -1.15 0.00	40.43 -2.53 0.00	43.76 -3.09 0.00	42.91 -2.79 0.00	39.95 -3.19 0.00	38.99 -1.92 0.00	38.05 -2.00 0.00	37.57 -2.40 0.00	38.37 -2.89 0.00	38.95 -3.25 0.00	39.94 -3.24 0.00	43.91 -4.18 0.00	50.67 -5.26 0.00	49.25 -4.46 0.00	43.42 -4.35 0.00	40.48 -3.42 0.00	38.64 -3.59 0.00	36.19 -3.23 0.00	35.19 -1.62 0.00
NEG WEST___LANCASTER 23811	31.93 -0.62 0.00	29.88 -0.52 0.00	29.42 -0.48 0.00	28.70 -0.44 0.00	29.88 -0.39 0.00	34.00 0.30 0.00	42.62 -0.34 0.00	46.62 -0.23 0.00	45.70 0.00 0.00	42.40 -0.73 0.00	41.28 0.37 0.00	40.26 0.20 0.00	39.77 -0.20 0.00	40.59 -0.66 0.00	41.19 -1.01 0.00	42.32 -0.86 0.00	46.70 -1.39 0.00	54.03 -1.90 0.00	52.31 -1.40 0.00	46.19 -1.58 0.00	42.94 -0.97 0.00	40.96 -1.27 0.00	38.36 -1.06 0.00	36.81 0.00 0.00
NEG_PENN_ALLEGHNY 23528	32.67 0.13 0.00	30.55 0.15 0.00	30.02 0.12 0.00	29.25 0.12 0.00	30.43 0.15 0.00	34.14 0.44 0.00	43.52 0.56 0.00	47.70 0.84 0.00	46.57 0.87 0.00	44.00 0.86 0.00	41.65 0.74 0.00	40.66 0.60 0.00	40.45 0.48 0.00	41.62 0.37 0.00	42.45 0.25 0.00	43.66 0.48 0.00	48.58 0.48 0.00	56.82 0.89 0.00	54.24 0.54 0.00	48.15 0.38 0.00	44.35 0.44 0.00	42.36 0.13 0.00	39.62 0.20 0.00	37.18 0.37 0.00
NEG___GEN_MONROE 24207	31.70 -0.85 0.00	29.60 -0.79 0.00	29.06 -0.84 0.00	28.29 -0.84 0.00	29.46 -0.82 0.00	33.36 -0.34 0.00	41.76 -1.20 0.00	45.35 -1.50 0.00	44.47 -1.23 0.00	41.58 -1.55 0.00	40.14 -0.78 0.00	39.10 -0.96 0.00	38.77 -1.20 0.00	39.73 -1.53 0.00	40.47 -1.73 0.00	41.50 -1.68 0.00	45.74 -2.36 0.00	53.02 -2.91 0.00	51.34 -2.36 0.00	45.42 -2.34 0.00	42.06 -1.84 0.00	40.12 -2.11 0.00	37.46 -1.97 0.00	36.00 -0.81 0.00
NEPA___ENERGY 23901	31.57 -0.98 0.00	29.54 -0.85 0.00	29.09 -0.81 0.00	28.38 -0.76 0.00	29.55 -0.73 0.00	33.60 -0.10 0.00	42.15 -0.82 0.00	45.96 -0.89 0.00	44.97 -0.73 0.00	41.71 -1.42 0.00	40.59 -0.33 0.00	39.62 -0.44 0.00	39.13 -0.84 0.00	39.97 -1.28 0.00	40.55 -1.65 0.00	41.63 -1.55 0.00	45.98 -2.12 0.00	53.25 -2.68 0.00	51.50 -2.20 0.00	45.47 -2.29 0.00	42.28 -1.62 0.00	40.37 -1.86 0.00	37.81 -1.62 0.00	36.33 -0.48 0.00
NEVERSINK___HYD 23608	34.37 1.82 0.00	32.00 1.61 0.00	31.51 1.61 0.00	30.59 1.46 0.00	31.85 1.57 0.00	35.42 1.72 0.00	45.72 2.75 0.00	50.37 3.52 0.00	49.08 3.38 0.00	45.94 2.80 0.00	42.96 2.04 0.00	42.02 1.96 0.00	41.97 2.00 0.00	43.31 2.06 0.00	44.39 2.19 0.00	46.03 2.85 0.00	51.66 3.56 0.00	60.68 4.75 0.00	57.57 3.87 0.00	51.35 3.58 0.00	47.11 3.20 0.00	44.76 2.53 0.00	41.59 2.17 0.00	38.61 1.80 0.00
NEWKRMKL_115KV_TB1 55635	33.46 0.91 0.00	31.34 0.94 0.00	30.82 0.93 0.00	30.04 0.90 0.00	31.12 0.85 0.00	34.27 0.57 0.00	43.78 0.82 0.00	48.12 1.27 0.00	46.89 1.19 0.00	43.96 0.82 0.00	41.41 0.49 0.00	40.54 0.48 0.00	40.53 0.56 0.00	41.87 0.62 0.00	42.92 0.72 0.00	44.30 1.12 0.00	49.40 1.30 0.00	57.55 1.62 0.00	55.21 1.50 0.00	49.10 1.34 0.00	45.18 1.27 0.00	43.07 0.84 0.00	40.22 0.79 0.00	37.40 0.59 0.00

NEWTON___FALLS_HYD 23847	31.63 -0.91 0.00	29.51 -0.88 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	32.89 -0.81 0.00	41.98 -0.99 0.00	45.63 -1.22 0.00	44.47 -1.23 0.00	42.15 -0.99 0.00	40.06 -0.86 0.00	39.22 -0.84 0.00	39.09 -0.88 0.00	40.43 -0.83 0.00	41.31 -0.89 0.00	42.10 -1.08 0.00	47.04 -1.06 0.00	54.81 -1.12 0.00	52.63 -1.07 0.00	46.76 -1.00 0.00	42.90 -1.01 0.00	41.30 -0.93 0.00	38.44 -0.99 0.00	35.85 -0.96 0.00
NGRID_A1_DSASP 323792	30.07 -2.47 0.00	28.24 -2.16 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	40.38 -2.76 0.00	38.42 -2.50 0.00	37.25 -2.81 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	43.05 -5.05 0.00	50.62 -5.31 0.00	48.12 -5.59 0.00	42.42 -5.35 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.84 -3.59 0.00	34.64 -2.17 0.00
NGRID_A2_DSASP 323793	30.07 -2.47 0.00	28.24 -2.16 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	40.38 -2.76 0.00	38.42 -2.50 0.00	37.25 -2.81 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	43.05 -5.05 0.00	50.62 -5.31 0.00	48.12 -5.59 0.00	42.42 -5.35 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.84 -3.59 0.00	34.64 -2.17 0.00
NGRID_A4_DSASP 323807	30.07 -2.47 0.00	28.24 -2.16 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	40.38 -2.76 0.00	38.42 -2.50 0.00	37.25 -2.81 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	43.05 -5.05 0.00	50.62 -5.31 0.00	48.12 -5.59 0.00	42.42 -5.35 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.84 -3.59 0.00	34.64 -2.17 0.00
NIAGARA_115E_LBMP 323715	30.01 -2.54 0.00	28.18 -2.22 0.00	27.65 -2.24 0.00	26.92 -2.22 0.00	28.04 -2.24 0.00	31.98 -1.72 0.00	39.61 -3.35 0.00	42.82 -4.03 0.00	42.00 -3.70 0.00	40.38 -2.76 0.00	38.38 -2.54 0.00	37.25 -2.81 0.00	36.77 -3.20 0.00	37.54 -3.71 0.00	38.11 -4.09 0.00	39.08 -4.10 0.00	43.05 -5.05 0.00	50.62 -5.31 0.00	48.12 -5.59 0.00	42.42 -5.35 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.84 -3.59 0.00	34.56 -2.25 0.00
NIAGARA_115W_LBMP 323714	30.01 -2.54 0.00	28.18 -2.22 0.00	27.65 -2.24 0.00	26.95 -2.19 0.00	28.07 -2.21 0.00	31.98 -1.72 0.00	39.57 -3.39 0.00	42.73 -4.12 0.00	41.86 -3.84 0.00	40.29 -2.85 0.00	38.34 -2.58 0.00	37.17 -2.88 0.00	36.74 -3.24 0.00	37.50 -3.75 0.00	38.07 -4.13 0.00	39.04 -4.15 0.00	42.95 -5.15 0.00	50.51 -5.42 0.00	48.01 -5.69 0.00	42.32 -5.45 0.00	39.56 -4.35 0.00	37.75 -4.48 0.00	35.80 -3.63 0.00	34.56 -2.25 0.00
NIAGARA_230_LBMP 323716	30.33 -2.21 0.00	28.48 -1.91 0.00	27.95 -1.94 0.00	27.24 -1.89 0.00	28.37 -1.91 0.00	32.28 -1.41 0.00	40.04 -2.92 0.00	43.20 -3.65 0.00	42.37 -3.33 0.00	40.72 -2.41 0.00	38.71 -2.21 0.00	37.57 -2.48 0.00	37.09 -2.88 0.00	37.91 -3.34 0.00	38.49 -3.71 0.00	39.47 -3.71 0.00	43.48 -4.62 0.00	51.07 -4.87 0.00	48.60 -5.10 0.00	42.85 -4.92 0.00	40.00 -3.91 0.00	38.22 -4.01 0.00	36.19 -3.23 0.00	34.89 -1.92 0.00
NIAGARA___115KV_198_GIBSON 55903	30.01 -2.54 0.00	28.12 -2.28 0.00	27.65 -2.24 0.00	26.95 -2.18 0.00	28.07 -2.21 0.00	31.98 -1.72 0.00	39.57 -3.39 0.00	42.73 -4.12 0.00	41.86 -3.84 0.00	38.95 -4.18 0.00	38.09 -2.82 0.00	37.17 -2.88 0.00	36.73 -3.24 0.00	37.50 -3.75 0.00	38.06 -4.14 0.00	39.04 -4.15 0.00	42.85 -5.24 0.00	49.33 -6.60 0.00	48.06 -5.64 0.00	42.37 -5.40 0.00	39.56 -4.35 0.00	37.75 -4.48 0.00	35.41 -4.02 0.00	34.53 -2.28 0.00
NIAGARA____ 23760	30.33 -2.21 0.00	28.48 -1.91 0.00	27.95 -1.94 0.00	27.24 -1.89 0.00	28.37 -1.91 0.00	32.28 -1.41 0.00	40.04 -2.92 0.00	43.20 -3.65 0.00	42.37 -3.33 0.00	40.72 -2.41 0.00	38.71 -2.21 0.00	37.57 -2.48 0.00	37.09 -2.88 0.00	37.91 -3.34 0.00	38.49 -3.71 0.00	39.47 -3.71 0.00	43.48 -4.62 0.00	51.07 -4.87 0.00	48.60 -5.10 0.00	42.85 -4.92 0.00	40.00 -3.91 0.00	38.22 -4.01 0.00	36.19 -3.23 0.00	34.89 -1.92 0.00
NINE_MILE_1 23575	31.37 -1.17 0.00	29.30 -1.09 0.00	28.82 -1.08 0.00	28.09 -1.05 0.00	29.19 -1.09 0.00	32.55 -1.15 0.00	41.46 -1.50 0.00	45.26 -1.59 0.00	44.19 -1.51 0.00	41.76 -1.38 0.00	39.57 -1.35 0.00	38.69 -1.36 0.00	38.57 -1.40 0.00	39.77 -1.48 0.00	40.60 -1.60 0.00	41.63 -1.55 0.00	46.37 -1.73 0.00	54.03 -1.90 0.00	51.77 -1.93 0.00	46.00 -1.77 0.00	42.33 -1.58 0.00	40.58 -1.65 0.00	37.93 -1.50 0.00	35.49 -1.32 0.00
NINE_MILE_2 23744	31.37 -1.17 0.00	29.30 -1.09 0.00	28.82 -1.08 0.00	28.09 -1.05 0.00	29.19 -1.09 0.00	32.55 -1.15 0.00	41.46 -1.50 0.00	45.26 -1.59 0.00	44.19 -1.51 0.00	41.76 -1.38 0.00	39.57 -1.35 0.00	38.69 -1.36 0.00	38.57 -1.40 0.00	39.77 -1.48 0.00	40.60 -1.60 0.00	41.63 -1.55 0.00	46.37 -1.73 0.00	54.03 -1.90 0.00	51.77 -1.93 0.00	46.00 -1.77 0.00	42.33 -1.58 0.00	40.58 -1.65 0.00	37.93 -1.50 0.00	35.52 -1.29 0.00
NM_CAPITAL___DRP 24208	33.55 1.01 0.00	31.37 0.97 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.18 0.91 0.00	34.41 0.71 0.00	43.91 0.95 0.00	48.31 1.45 0.00	47.03 1.33 0.00	44.09 0.95 0.00	41.49 0.57 0.00	40.66 0.60 0.00	40.65 0.68 0.00	42.00 0.74 0.00	43.04 0.84 0.00	44.43 1.25 0.00	49.54 1.44 0.00	57.72 1.79 0.00	55.37 1.66 0.00	49.29 1.53 0.00	45.31 1.41 0.00	43.20 0.97 0.00	40.37 0.95 0.00	37.55 0.74 0.00
NM_CENTRAL___DRP 24181	32.02 -0.52 0.00	29.94 -0.46 0.00	29.42 -0.48 0.00	28.67 -0.47 0.00	29.79 -0.48 0.00	33.33 -0.37 0.00	42.41 -0.56 0.00	46.29 -0.56 0.00	45.20 -0.50 0.00	42.40 -0.73 0.00	40.47 -0.45 0.00	39.58 -0.48 0.00	39.41 -0.56 0.00	40.63 -0.62 0.00	41.44 -0.76 0.00	42.53 -0.65 0.00	47.33 -0.77 0.00	54.98 -0.95 0.00	52.90 -0.81 0.00	46.95 -0.81 0.00	43.21 -0.70 0.00	41.43 -0.80 0.00	38.72 -0.71 0.00	36.29 -0.52 0.00
NM_FRONTIER___DRP 24179	30.01 -2.54 0.00	28.12 -2.28 0.00	27.65 -2.24 0.00	26.95 -2.18 0.00	28.07 -2.21 0.00	31.98 -1.72 0.00	39.57 -3.39 0.00	42.73 -4.12 0.00	41.86 -3.84 0.00	38.95 -4.18 0.00	38.09 -2.82 0.00	37.17 -2.88 0.00	36.73 -3.24 0.00	37.50 -3.75 0.00	38.06 -4.14 0.00	39.04 -4.15 0.00	42.85 -5.24 0.00	49.33 -6.60 0.00	48.06 -5.64 0.00	42.37 -5.40 0.00	39.56 -4.35 0.00	37.75 -4.48 0.00	35.41 -4.02 0.00	34.53 -2.28 0.00
NM_ST_REGIS___HYD 24053	31.80 -0.75 0.00	29.67 -0.73 0.00	29.24 -0.66 0.00	28.58 -0.55 0.00	29.79 -0.48 0.00	33.13 -0.57 0.00	42.06 -0.90 0.00	45.40 -1.45 0.00	44.42 -1.28 0.00	42.49 -0.65 0.00	40.42 -0.49 0.00	39.70 -0.36 0.00	39.61 -0.36 0.00	41.05 -0.21 0.00	41.99 -0.21 0.00	42.45 -0.73 0.00	47.33 -0.77 0.00	55.15 -0.78 0.00	53.00 -0.70 0.00	47.00 -0.76 0.00	43.16 -0.75 0.00	41.85 -0.38 0.00	38.99 -0.43 0.00	36.40 -0.40 0.00

NORTHPORT___1 23551	40.01 2.54 -4.92	35.48 2.37 -2.71	35.57 2.36 -3.31	33.11 2.30 -1.68	33.50 2.36 -0.86	44.79 2.43 -8.66	50.83 3.56 -4.30	63.14 4.83 -11.46	57.41 4.57 -7.14	49.37 4.10 -2.14	49.41 3.19 -5.30	47.15 3.13 -3.97	47.13 3.20 -3.96	47.63 3.30 -3.07	49.44 3.55 -3.69	50.84 4.28 -3.38	61.32 4.96 -8.26	76.18 6.26 -13.98	72.70 5.42 -13.57	64.38 4.97 -11.65	56.04 4.43 -7.70	53.29 3.72 -7.34	48.47 3.23 -5.81	45.13 2.76 -5.56
NORTHPORT___2 23552	40.01 2.54 -4.92	35.48 2.37 -2.71	35.57 2.36 -3.31	33.11 2.30 -1.68	33.50 2.36 -0.86	44.79 2.43 -8.66	50.83 3.56 -4.30	63.14 4.83 -11.46	57.41 4.57 -7.14	49.37 4.10 -2.14	49.41 3.19 -5.30	47.15 3.13 -3.97	47.13 3.20 -3.96	47.63 3.30 -3.07	49.44 3.55 -3.69	50.84 4.28 -3.38	61.32 4.96 -8.26	76.18 6.26 -13.98	72.70 5.42 -13.57	64.38 4.97 -11.65	56.04 4.43 -7.70	53.29 3.72 -7.34	48.47 3.23 -5.81	45.13 2.76 -5.56
NORTHPORT___3 23553	39.55 2.08 -4.92	35.02 1.92 -2.71	35.12 1.92 -3.31	32.62 1.81 -1.68	32.99 1.85 -0.86	44.28 1.92 -8.66	49.80 2.53 -4.30	61.97 3.66 -11.46	56.31 3.47 -7.14	48.55 3.28 -2.14	48.55 2.33 -5.30	46.63 2.60 -3.97	46.61 2.68 -3.96	46.97 2.64 -3.07	48.55 2.66 -3.69	49.80 3.24 -3.38	60.12 3.75 -8.26	74.84 4.92 -13.98	71.41 4.14 -13.57	63.23 3.82 -11.65	54.94 3.34 -7.70	52.23 2.66 -7.34	47.72 2.49 -5.81	44.61 2.25 -5.56
NORTHPORT___4 23650	39.55 2.08 -4.92	35.02 1.92 -2.71	35.12 1.92 -3.31	32.62 1.81 -1.68	32.99 1.85 -0.86	44.28 1.92 -8.66	49.80 2.53 -4.30	61.97 3.66 -11.46	56.31 3.47 -7.14	48.55 3.28 -2.14	48.55 2.33 -5.30	46.63 2.60 -3.97	46.61 2.68 -3.96	46.97 2.64 -3.07	48.55 2.66 -3.69	49.80 3.24 -3.38	60.12 3.75 -8.26	74.84 4.92 -13.98	71.41 4.14 -13.57	63.23 3.82 -11.65	54.94 3.34 -7.70	52.23 2.66 -7.34	47.72 2.49 -5.81	44.61 2.25 -5.56
NORTHPORT___IC 23718	40.01 2.54 -4.92	35.48 2.37 -2.71	35.57 2.36 -3.31	33.11 2.30 -1.68	33.50 2.36 -0.86	44.79 2.43 -8.66	50.83 3.56 -4.30	63.14 4.83 -11.46	57.41 4.57 -7.14	49.37 4.10 -2.14	49.41 3.19 -5.30	47.15 3.13 -3.97	47.13 3.20 -3.96	47.63 3.30 -3.07	49.44 3.55 -3.69	50.84 4.28 -3.38	61.32 4.96 -8.26	76.18 6.26 -13.98	72.70 5.42 -13.57	64.38 4.97 -11.65	56.04 4.43 -7.70	53.29 3.72 -7.34	48.47 3.23 -5.81	45.13 2.76 -5.56
NORTH___COUNTRY_ESR 323785	32.22 -0.33 0.00	30.06 -0.33 0.00	29.66 -0.24 0.00	29.05 -0.09 0.00	30.31 0.03 0.00	33.77 0.07 0.00	42.71 -0.26 0.00	46.10 -0.75 0.00	45.15 -0.55 0.00	42.71 -0.43 0.00	41.20 0.29 0.00	40.54 0.48 0.00	40.45 0.48 0.00	41.95 0.70 0.00	43.00 0.80 0.00	43.53 0.34 0.00	48.68 0.58 0.00	56.21 0.28 0.00	54.51 0.81 0.00	48.29 0.53 0.00	44.35 0.44 0.00	42.99 0.76 0.00	40.02 0.59 0.00	37.58 0.77 0.00
NPX_GEN_1385_PROXY 323591	39.91 2.44 -4.92	35.66 2.55 -2.71	35.63 2.42 -3.31	33.49 2.68 -1.68	33.86 2.73 -0.86	44.62 2.26 -8.66	50.83 3.56 -4.30	62.95 4.64 -11.46	57.14 4.29 -7.14	49.33 4.05 -2.14	49.37 3.15 -5.30	46.79 2.76 -3.97	46.77 2.84 -3.96	47.50 3.18 -3.07	49.35 3.46 -3.69	50.79 4.23 -3.38	61.27 4.91 -8.26	75.40 5.48 -13.98	72.16 4.89 -13.57	64.09 4.68 -11.65	55.64 4.13 -7.61	53.08 3.42 -7.43	48.23 2.99 -5.81	44.87 2.50 -5.56
NPX_GEN_CSC 323557	40.59 3.12 -4.92	35.96 2.86 -2.71	36.08 2.87 -3.31	33.58 2.77 -1.68	33.95 2.82 -0.86	45.43 3.07 -8.66	51.82 4.55 -4.30	64.36 6.05 -11.46	58.51 5.67 -7.14	50.15 4.87 -2.14	50.15 3.93 -5.30	47.84 3.81 -3.97	47.77 3.84 -3.96	48.33 4.00 -3.07	50.20 4.31 -3.69	51.74 5.18 -3.38	62.47 6.11 -8.26	77.75 7.83 -13.98	74.15 6.88 -13.57	65.67 6.26 -11.65	57.09 5.58 -7.61	54.39 4.73 -7.43	49.33 4.10 -5.81	45.86 3.50 -5.56
NSINS_S_GLNS_FALLS 23858	34.63 2.08 0.00	32.28 1.88 0.00	31.66 1.76 0.00	30.82 1.69 0.00	32.03 1.76 0.00	35.69 1.99 0.00	45.67 2.71 0.00	50.23 3.37 0.00	48.95 3.24 0.00	45.81 2.67 0.00	43.25 2.33 0.00	42.34 2.28 0.00	42.17 2.20 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.16 2.98 0.00	51.46 3.37 0.00	60.18 4.25 0.00	58.11 4.40 0.00	51.49 3.73 0.00	47.46 3.56 0.00	45.06 2.83 0.00	42.19 2.76 0.00	39.28 2.47 0.00
NUCOR_STEEL___DRP 24197	32.38 -0.16 0.00	30.24 -0.15 0.00	29.72 -0.18 0.00	28.99 -0.15 0.00	30.12 -0.15 0.00	33.80 0.10 0.00	43.09 0.13 0.00	47.09 0.23 0.00	45.97 0.27 0.00	43.09 -0.04 0.00	41.20 0.29 0.00	40.26 0.20 0.00	40.05 0.08 0.00	41.25 0.00 0.00	42.07 -0.13 0.00	43.22 0.04 0.00	48.05 -0.05 0.00	55.93 0.00 0.00	53.81 0.11 0.00	47.76 0.00 0.00	43.95 0.04 0.00	42.06 -0.17 0.00	39.23 -0.20 0.00	36.85 0.04 0.00
NUMBER_THREE_WT_PWR 323818	32.45 -0.10 0.00	30.33 -0.06 0.00	29.75 -0.15 0.00	28.99 -0.14 0.00	30.19 -0.09 0.00	33.80 0.10 0.00	43.31 0.34 0.00	47.37 0.52 0.00	46.06 0.36 0.00	43.35 0.22 0.00	41.16 0.25 0.00	40.22 0.16 0.00	40.05 0.08 0.00	41.38 0.12 0.00	42.24 0.04 0.00	43.40 0.22 0.00	48.48 0.38 0.00	56.55 0.62 0.00	54.29 0.59 0.00	48.29 0.53 0.00	44.26 0.35 0.00	42.36 0.13 0.00	39.43 0.00 0.00	36.77 -0.04 0.00
NYISO_LBMP_REFERENCE 24008	32.54 0.00 0.00	30.40 0.00 0.00	29.90 0.00 0.00	29.13 0.00 0.00	30.28 0.00 0.00	33.70 0.00 0.00	42.96 0.00 0.00	46.85 0.00 0.00	45.70 0.00 0.00	43.14 0.00 0.00	40.92 0.00 0.00	40.06 0.00 0.00	39.97 0.00 0.00	41.25 0.00 0.00	42.20 0.00 0.00	43.18 0.00 0.00	48.10 0.00 0.00	55.93 0.00 0.00	53.70 0.00 0.00	47.76 0.00 0.00	43.91 0.00 0.00	42.23 0.00 0.00	39.43 0.00 0.00	36.81 0.00 0.00
NYPA_BRENTWD___GT 24164	40.30 2.83 -4.92	35.72 2.61 -2.71	35.84 2.63 -3.31	33.32 2.51 -1.68	33.74 2.60 -0.86	45.13 2.76 -8.66	51.35 4.08 -4.30	63.74 5.43 -11.46	58.01 5.16 -7.14	49.84 4.57 -2.14	49.86 3.64 -5.30	47.59 3.56 -3.97	47.53 3.60 -3.96	48.04 3.71 -3.07	49.86 3.97 -3.69	51.31 4.75 -3.38	61.89 5.53 -8.26	76.96 7.05 -13.98	73.39 6.12 -13.57	65.00 5.59 -11.65	56.61 5.00 -7.70	53.75 4.18 -7.34	48.90 3.67 -5.81	45.49 3.13 -5.56
NYPA_GOWANUS___GT5 24156	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00
NYPA_GOWANUS___GT6 24157	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.72 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.50 3.37 0.00	43.29 2.37 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.76 3.58 0.00	52.14 4.04 0.00	73.03 5.32 -11.78	140.29 4.45 -82.13	51.82 4.06 0.00	47.46 3.55 0.00	45.18 2.96 0.00	41.99 2.56 0.00	38.94 2.13 0.00

NYPA_HARLEM__RVR__GT1 24160	34.47 1.92 -0.01	32.13 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.66 0.00	35.22 1.52 0.00	45.24 2.28 0.00	50.22 3.38 0.01	48.98 3.29 0.01	46.06 2.93 0.01	42.91 2.00 0.01	42.13 2.08 0.01	42.12 2.16 0.01	43.43 2.18 0.01	44.55 2.36 0.01	46.28 3.11 0.01	51.70 3.61 0.01	60.68 4.75 0.01	57.56 3.87 0.01	51.34 3.58 0.01	47.02 3.12 0.01	44.67 2.45 0.01	41.71 2.29 0.00	38.69 1.88 0.00
NYPA_HARLEM__RVR__GT2 24161	34.47 1.92 -0.01	32.13 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.66 0.00	35.22 1.52 0.00	45.24 2.28 0.00	50.22 3.38 0.01	48.98 3.29 0.01	46.06 2.93 0.01	42.91 2.00 0.01	42.13 2.08 0.01	42.12 2.16 0.01	43.43 2.18 0.01	44.55 2.36 0.01	46.28 3.11 0.01	51.70 3.61 0.01	60.68 4.75 0.01	57.56 3.87 0.01	51.34 3.58 0.01	47.02 3.12 0.01	44.67 2.45 0.01	41.71 2.29 0.00	38.69 1.88 0.00
NYPA_KENT____GT 24152	34.51 1.95 -0.01	32.17 1.76 -0.01	31.70 1.79 -0.01	30.76 1.63 0.00	31.97 1.69 0.00	35.35 1.65 0.00	45.54 2.58 0.00	50.65 3.79 0.00	49.36 3.66 0.00	46.41 3.28 0.00	43.25 2.33 0.00	42.46 2.40 0.00	42.41 2.44 0.00	43.73 2.47 0.00	44.90 2.70 0.00	46.68 3.50 0.00	52.04 3.94 0.00	68.10 5.20 -6.96	105.07 4.35 -47.02	51.73 3.96 0.00	47.38 3.47 0.00	45.10 2.87 0.00	41.91 2.49 0.00	38.87 2.06 0.00
NYPA_POUCH1____GT 24155	34.50 1.95 -0.01	32.17 1.76 -0.01	31.67 1.76 -0.01	30.71 1.57 0.00	31.94 1.66 0.00	35.28 1.58 0.00	45.50 2.53 0.00	50.55 3.70 0.00	49.27 3.57 0.00	46.33 3.19 0.00	43.08 2.17 0.00	42.34 2.28 0.00	42.29 2.32 0.00	43.64 2.39 0.00	44.77 2.57 0.00	46.59 3.41 0.00	51.95 3.85 0.00	72.80 5.09 -11.78	140.08 4.24 -82.13	51.63 3.87 0.00	47.34 3.43 0.00	45.06 2.83 0.00	41.91 2.49 0.00	38.83 2.02 0.00
NYPA_VERNON____GT2 24162	34.44 1.89 -0.01	32.11 1.70 -0.01	31.64 1.73 -0.01	30.73 1.60 0.00	31.91 1.63 0.00	35.32 1.62 0.00	45.45 2.49 0.00	50.55 3.70 0.00	49.27 3.57 0.00	46.37 3.24 0.00	43.21 2.29 0.00	42.38 2.32 0.00	42.37 2.40 0.00	43.69 2.43 0.00	44.82 2.62 0.00	46.59 3.41 0.00	51.99 3.89 0.00	63.17 5.09 -2.15	69.86 4.24 -11.91	51.63 3.87 0.00	47.29 3.38 0.00	44.97 2.74 0.00	41.83 2.41 0.00	38.80 1.99 0.00
NYPA_VERNON____GT3 24163	34.44 1.89 -0.01	32.11 1.70 -0.01	31.64 1.73 -0.01	30.73 1.60 0.00	31.91 1.63 0.00	35.32 1.62 0.00	45.45 2.49 0.00	50.55 3.70 0.00	49.27 3.57 0.00	46.37 3.24 0.00	43.21 2.29 0.00	42.38 2.32 0.00	42.37 2.40 0.00	43.69 2.43 0.00	44.82 2.62 0.00	46.59 3.41 0.00	51.99 3.89 0.00	63.17 5.09 -2.15	69.86 4.24 -11.91	51.63 3.87 0.00	47.29 3.38 0.00	44.97 2.74 0.00	41.83 2.41 0.00	38.80 1.99 0.00
NYPA__ASTORIA_CC1 323568	34.44 1.89 -0.01	32.10 1.70 -0.01	31.64 1.73 -0.01	30.73 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.66 0.00	49.22 3.52 0.00	46.33 3.19 0.00	43.16 2.25 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.64 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.95 3.85 0.00	61.41 5.04 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.24 3.34 0.00	44.93 2.71 0.00	41.83 2.41 0.00	38.76 1.95 0.00
NYPA__ASTORIA_CC2 323569	34.44 1.89 -0.01	32.10 1.70 -0.01	31.64 1.73 -0.01	30.73 1.60 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.66 0.00	49.22 3.52 0.00	46.33 3.19 0.00	43.16 2.25 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.64 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.95 3.85 0.00	61.41 5.04 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.24 3.34 0.00	44.93 2.71 0.00	41.83 2.41 0.00	38.76 1.95 0.00
NYPA__HOLTSVILL 23794	40.20 2.73 -4.92	35.63 2.52 -2.71	35.72 2.51 -3.31	33.23 2.42 -1.68	33.59 2.45 -0.86	44.99 2.63 -8.66	51.17 3.91 -4.30	63.60 5.29 -11.46	57.82 4.98 -7.14	49.63 4.36 -2.14	49.66 3.44 -5.30	47.39 3.37 -3.97	47.33 3.40 -3.96	47.83 3.50 -3.07	49.64 3.75 -3.69	51.13 4.58 -3.38	61.70 5.34 -8.26	76.68 6.76 -13.98	73.18 5.91 -13.57	64.85 5.44 -11.65	56.43 4.83 -7.70	53.63 4.05 -7.34	48.78 3.55 -5.81	45.35 2.98 -5.56
NYPA__HELLGATE_GT1 24158	34.47 1.92 -0.01	32.13 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.66 0.00	35.22 1.52 0.00	45.24 2.28 0.00	50.22 3.38 0.01	48.98 3.29 0.01	46.06 2.93 0.01	42.91 2.00 0.01	42.13 2.08 0.01	42.12 2.16 0.01	43.43 2.18 0.01	44.55 2.36 0.01	46.28 3.11 0.01	51.70 3.61 0.01	60.68 4.75 0.01	57.56 3.87 0.01	51.34 3.58 0.01	47.02 3.12 0.01	44.67 2.45 0.01	41.71 2.29 0.00	38.69 1.88 0.00
NYPA__HELLGATE_GT2 24159	34.47 1.92 -0.01	32.13 1.73 -0.01	31.70 1.79 -0.01	30.79 1.66 0.00	31.94 1.66 0.00	35.22 1.52 0.00	45.24 2.28 0.00	50.22 3.38 0.01	48.98 3.29 0.01	46.06 2.93 0.01	42.91 2.00 0.01	42.13 2.08 0.01	42.12 2.16 0.01	43.43 2.18 0.01	44.55 2.36 0.01	46.28 3.11 0.01	51.70 3.61 0.01	60.68 4.75 0.01	57.56 3.87 0.01	51.34 3.58 0.01	47.02 3.12 0.01	44.67 2.45 0.01	41.71 2.29 0.00	38.69 1.88 0.00
NYS_BARGE__HYD 23848	30.53 -2.02 0.00	28.66 -1.73 0.00	28.10 -1.79 0.00	27.39 -1.75 0.00	28.55 -1.72 0.00	32.52 -1.18 0.00	40.43 -2.53 0.00	43.76 -3.09 0.00	42.96 -2.74 0.00	41.28 -1.85 0.00	39.24 -1.68 0.00	38.10 -1.96 0.00	37.61 -2.36 0.00	38.36 -2.89 0.00	38.95 -3.25 0.00	39.94 -3.24 0.00	44.01 -4.09 0.00	51.79 -4.14 0.00	49.25 -4.46 0.00	43.42 -4.35 0.00	40.48 -3.42 0.00	38.64 -3.59 0.00	36.55 -2.88 0.00	35.23 -1.58 0.00
OAK ORCHARD__HYD 24046	31.40 -1.14 0.00	29.39 -1.00 0.00	28.82 -1.08 0.00	28.09 -1.05 0.00	29.22 -1.06 0.00	33.06 -0.64 0.00	41.59 -1.38 0.00	45.21 -1.64 0.00	44.28 -1.42 0.00	42.32 -0.82 0.00	40.18 -0.74 0.00	39.14 -0.92 0.00	38.81 -1.16 0.00	39.85 -1.40 0.00	40.55 -1.65 0.00	41.58 -1.60 0.00	46.03 -2.07 0.00	53.92 -2.01 0.00	51.45 -2.25 0.00	45.47 -2.29 0.00	42.11 -1.80 0.00	40.24 -1.98 0.00	37.77 -1.65 0.00	35.89 -0.92 0.00
OAKDALE__35_KV_LOAD 356122	32.64 0.10 0.00	30.49 0.09 0.00	29.99 0.09 0.00	29.22 0.09 0.00	30.40 0.12 0.00	34.10 0.40 0.00	43.44 0.47 0.00	47.56 0.70 0.00	46.43 0.73 0.00	43.44 0.30 0.00	41.49 0.57 0.00	40.54 0.48 0.00	40.33 0.36 0.00	41.50 0.25 0.00	42.33 0.13 0.00	43.53 0.35 0.00	48.43 0.34 0.00	56.27 0.34 0.00	54.08 0.38 0.00	48.05 0.29 0.00	44.26 0.35 0.00	42.27 0.04 0.00	39.47 0.04 0.00	37.10 0.29 0.00
OCC_CHEM__DRP 24175	30.07 -2.47 0.00	28.15 -2.25 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	39.04 -4.10 0.00	38.17 -2.74 0.00	37.25 -2.80 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	42.95 -5.15 0.00	49.44 -6.49 0.00	48.12 -5.59 0.00	42.46 -5.30 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.48 -3.94 0.00	34.60 -2.21 0.00

OH_GEN_PROXY 24063	30.40 -2.15 0.00	28.54 -1.86 0.00	28.01 -1.88 0.00	27.27 -1.87 0.00	28.40 -1.88 0.00	32.32 -1.38 0.00	40.13 -2.84 0.00	43.39 -3.47 0.00	42.50 -3.20 0.00	40.85 -2.29 0.00	38.83 -2.09 0.00	37.69 -2.36 0.00	37.25 -2.72 0.00	38.04 -3.22 0.00	38.66 -3.54 0.00	39.64 -3.54 0.00	43.63 -4.47 0.00	51.29 -4.64 0.00	48.82 -4.89 0.00	43.04 -4.73 0.00	40.09 -3.73 0.09	38.43 -3.88 -0.09	36.27 -3.16 0.00	34.97 -1.84 0.00
OLIN_CORP_DRP 24177	30.07 -2.47 0.00	28.15 -2.25 0.00	27.71 -2.18 0.00	26.98 -2.16 0.00	28.13 -2.15 0.00	32.05 -1.65 0.00	39.74 -3.22 0.00	42.92 -3.94 0.00	42.09 -3.61 0.00	39.13 -4.01 0.00	38.26 -2.66 0.00	37.33 -2.72 0.00	36.85 -3.12 0.00	37.62 -3.63 0.00	38.23 -3.97 0.00	39.21 -3.97 0.00	43.05 -5.05 0.00	49.61 -6.32 0.00	48.28 -5.42 0.00	42.56 -5.21 0.00	39.74 -4.17 0.00	37.92 -4.31 0.00	35.56 -3.86 0.00	34.64 -2.17 0.00
OLIN_CORP_DSASP 323712	30.07 -2.47 0.00	28.24 -2.16 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	40.38 -2.76 0.00	38.42 -2.50 0.00	37.25 -2.81 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	43.05 -5.05 0.00	50.62 -5.31 0.00	48.12 -5.59 0.00	42.42 -5.35 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.84 -3.59 0.00	34.64 -2.17 0.00
ONEIDA_HERK_LFGE 323681	33.06 0.52 0.00	30.88 0.48 0.00	30.31 0.42 0.00	29.54 0.41 0.00	30.73 0.45 0.00	34.37 0.67 0.00	44.08 1.12 0.00	48.21 1.36 0.00	46.93 1.23 0.00	44.26 1.12 0.00	41.94 1.02 0.00	40.94 0.88 0.00	40.81 0.84 0.00	42.12 0.87 0.00	43.04 0.84 0.00	44.22 1.03 0.00	49.35 1.25 0.00	57.55 1.62 0.00	55.15 1.45 0.00	49.10 1.34 0.00	45.05 1.14 0.00	43.07 0.84 0.00	40.14 0.71 0.00	37.43 0.63 0.00
ONEIDA___115KV_TB4 55905	33.39 0.85 0.00	31.19 0.79 0.00	30.61 0.72 0.00	29.83 0.70 0.00	31.03 0.76 0.00	34.78 1.08 0.00	44.55 1.59 0.00	48.77 1.92 0.00	47.48 1.78 0.00	44.52 1.38 0.00	42.35 1.43 0.00	41.38 1.32 0.00	41.25 1.28 0.00	42.53 1.28 0.00	43.42 1.22 0.00	44.69 1.51 0.00	49.83 1.73 0.00	57.89 1.96 0.00	55.58 1.88 0.00	49.39 1.62 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.03 0.00	37.84 1.03 0.00
ONONDAGA_REF_OCCRA 23987	32.22 -0.33 0.00	30.09 -0.30 0.00	29.60 -0.30 0.00	28.84 -0.29 0.00	29.97 -0.30 0.00	33.56 -0.13 0.00	42.75 -0.21 0.00	46.71 -0.14 0.00	45.61 -0.09 0.00	42.79 -0.35 0.00	40.79 -0.12 0.00	39.86 -0.20 0.00	39.73 -0.24 0.00	40.92 -0.33 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.38 0.00	55.48 -0.45 0.00	53.33 -0.38 0.00	47.38 -0.38 0.00	43.56 -0.35 0.00	41.72 -0.51 0.00	38.99 -0.43 0.00	36.55 -0.26 0.00
ONONDAGA___COGEN 23986	32.19 -0.36 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.71 -0.26 0.00	46.67 -0.19 0.00	45.56 -0.14 0.00	42.75 -0.39 0.00	40.79 -0.12 0.00	39.90 -0.16 0.00	39.73 -0.24 0.00	40.96 -0.29 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.38 0.00	55.43 -0.50 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.56 -0.35 0.00	41.72 -0.51 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00
ONTARIO___LFGE 23819	32.41 -0.13 0.00	30.30 -0.09 0.00	29.75 -0.15 0.00	29.02 -0.12 0.00	30.22 -0.06 0.00	34.17 0.47 0.00	44.51 1.54 0.00	48.82 1.97 0.00	47.66 1.96 0.00	45.25 2.11 0.00	43.08 2.17 0.00	41.90 1.84 0.00	41.53 1.56 0.00	42.61 1.36 0.00	43.34 1.14 0.00	44.39 1.21 0.00	49.30 1.20 0.00	58.00 2.07 0.00	55.31 1.61 0.00	48.91 1.14 0.00	45.09 1.19 0.00	43.20 0.97 0.00	40.41 0.99 0.00	38.06 1.25 0.00
ORANGEVILLE_WT_PWR 323706	31.18 -1.37 0.00	29.24 -1.15 0.00	28.73 -1.17 0.00	28.03 -1.11 0.00	29.22 -1.06 0.00	33.26 -0.44 0.00	41.76 -1.20 0.00	45.49 -1.36 0.00	44.65 -1.05 0.00	42.66 -0.47 0.00	40.55 -0.37 0.00	39.29 -0.76 0.00	38.77 -1.20 0.00	39.60 -1.65 0.00	40.18 -2.02 0.00	41.24 -1.94 0.00	45.59 -2.50 0.00	53.58 -2.35 0.00	50.91 -2.79 0.00	44.95 -2.82 0.00	41.80 -2.11 0.00	39.91 -2.32 0.00	37.65 -1.77 0.00	36.03 -0.77 0.00
ORANGEVILLE___ESR 323794	31.18 -1.37 0.00	29.24 -1.15 0.00	28.73 -1.17 0.00	28.03 -1.11 0.00	29.22 -1.06 0.00	33.26 -0.44 0.00	41.76 -1.20 0.00	45.49 -1.36 0.00	44.65 -1.05 0.00	42.66 -0.47 0.00	40.55 -0.37 0.00	39.29 -0.76 0.00	38.77 -1.20 0.00	39.60 -1.65 0.00	40.18 -2.02 0.00	41.24 -1.94 0.00	45.59 -2.50 0.00	53.58 -2.35 0.00	50.91 -2.79 0.00	44.95 -2.82 0.00	41.80 -2.11 0.00	39.91 -2.32 0.00	37.65 -1.77 0.00	36.03 -0.77 0.00
OSWEGATCHIE___HYD 24044	31.63 -0.91 0.00	29.51 -0.88 0.00	29.00 -0.90 0.00	28.32 -0.82 0.00	29.49 -0.79 0.00	32.89 -0.81 0.00	41.98 -0.99 0.00	45.63 -1.22 0.00	44.47 -1.23 0.00	41.93 -1.21 0.00	40.05 -0.86 0.00	39.21 -0.84 0.00	39.09 -0.88 0.00	40.43 -0.82 0.00	41.31 -0.89 0.00	42.10 -1.08 0.00	47.04 -1.06 0.00	54.59 -1.34 0.00	52.63 -1.07 0.00	46.76 -1.01 0.00	42.90 -1.01 0.00	41.30 -0.93 0.00	38.44 -0.98 0.00	35.85 -0.96 0.00
OSWEGO___5 23606	31.63 -0.91 0.00	29.54 -0.85 0.00	29.03 -0.87 0.00	28.32 -0.82 0.00	29.43 -0.85 0.00	32.86 -0.84 0.00	41.81 -1.16 0.00	45.68 -1.17 0.00	44.56 -1.14 0.00	42.15 -0.99 0.00	39.93 -0.98 0.00	39.02 -1.04 0.00	38.90 -1.08 0.00	40.10 -1.15 0.00	40.97 -1.23 0.00	42.02 -1.16 0.00	46.75 -1.35 0.00	54.54 -1.40 0.00	52.20 -1.50 0.00	46.38 -1.39 0.00	42.68 -1.23 0.00	40.92 -1.31 0.00	38.24 -1.18 0.00	35.82 -0.99 0.00
OSWEGO___6 23613	31.63 -0.91 0.00	29.54 -0.85 0.00	29.03 -0.87 0.00	28.32 -0.82 0.00	29.43 -0.85 0.00	32.86 -0.84 0.00	41.81 -1.16 0.00	45.68 -1.17 0.00	44.56 -1.14 0.00	42.15 -0.99 0.00	39.93 -0.98 0.00	39.02 -1.04 0.00	38.90 -1.08 0.00	40.10 -1.15 0.00	40.97 -1.23 0.00	42.02 -1.16 0.00	46.75 -1.35 0.00	54.54 -1.40 0.00	52.20 -1.50 0.00	46.38 -1.39 0.00	42.68 -1.23 0.00	40.92 -1.31 0.00	38.24 -1.18 0.00	35.82 -0.99 0.00
OUTOKUMPU-AB___DRP 24206	30.82 -1.72 0.00	28.84 -1.55 0.00	28.37 -1.52 0.00	27.65 -1.49 0.00	28.82 -1.45 0.00	32.82 -0.88 0.00	40.82 -2.15 0.00	44.28 -2.58 0.00	43.46 -2.24 0.00	40.42 -2.72 0.00	39.48 -1.43 0.00	38.53 -1.52 0.00	38.05 -1.92 0.00	38.82 -2.43 0.00	39.37 -2.83 0.00	40.37 -2.81 0.00	44.39 -3.70 0.00	51.29 -4.64 0.00	49.78 -3.92 0.00	43.90 -3.87 0.00	40.92 -2.99 0.00	39.06 -3.17 0.00	36.59 -2.84 0.00	35.52 -1.29 0.00
OXBOW___BTM 323836	30.46 -2.08 0.00	28.60 -1.79 0.00	28.07 -1.82 0.00	27.35 -1.78 0.00	28.49 -1.79 0.00	32.45 -1.25 0.00	40.30 -2.66 0.00	43.57 -3.28 0.00	42.77 -2.93 0.00	41.15 -1.98 0.00	39.12 -1.80 0.00	37.97 -2.08 0.00	37.49 -2.48 0.00	38.24 -3.01 0.00	38.82 -3.38 0.00	39.81 -3.37 0.00	43.82 -4.28 0.00	51.57 -4.36 0.00	49.03 -4.67 0.00	43.23 -4.54 0.00	40.35 -3.56 0.00	38.47 -3.76 0.00	36.43 -3.00 0.00	35.15 -1.66 0.00

OXBOW____ 24026	30.46 -2.08 0.00	28.51 -1.88 0.00	28.07 -1.82 0.00	27.36 -1.78 0.00	28.49 -1.79 0.00	32.45 -1.25 0.00	40.30 -2.66 0.00	43.57 -3.28 0.00	42.78 -2.92 0.00	39.77 -3.36 0.00	38.87 -2.05 0.00	37.97 -2.08 0.00	37.49 -2.48 0.00	38.24 -3.01 0.00	38.82 -3.38 0.00	39.81 -3.37 0.00	43.72 -4.38 0.00	50.45 -5.48 0.00	49.03 -4.67 0.00	43.23 -4.54 0.00	40.35 -3.56 0.00	38.51 -3.72 0.00	36.08 -3.35 0.00	35.12 -1.69 0.00
OXY_CHEM_DSASP 323612	30.07 -2.47 0.00	28.15 -2.25 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	39.04 -4.10 0.00	38.17 -2.74 0.00	37.25 -2.80 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	42.95 -5.15 0.00	49.44 -6.49 0.00	48.12 -5.59 0.00	42.46 -5.30 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.48 -3.94 0.00	34.60 -2.21 0.00
OZONE_PARK_ESR 323760	34.43 1.89 0.00	32.10 1.70 0.00	31.63 1.73 0.00	30.71 1.57 0.00	31.91 1.63 0.00	35.38 1.68 0.00	45.63 2.66 0.00	50.74 3.89 0.00	49.45 3.75 0.00	46.16 3.02 0.00	43.37 2.45 0.00	42.50 2.44 0.00	42.53 2.56 0.00	43.85 2.60 0.00	44.94 2.74 0.00	46.72 3.54 0.00	52.19 4.09 0.00	60.80 4.87 0.00	58.11 4.40 0.00	51.83 4.06 0.00	47.46 3.56 0.00	45.14 2.91 0.00	42.03 2.60 0.00	38.83 2.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.07 -2.47 0.00	28.15 -2.25 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	39.04 -4.10 0.00	38.17 -2.74 0.00	37.25 -2.80 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	42.95 -5.15 0.00	49.44 -6.49 0.00	48.12 -5.59 0.00	42.46 -5.30 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.48 -3.94 0.00	34.60 -2.21 0.00
PACKARD__115KV_DUPONT_184 80571	30.07 -2.47 0.00	28.15 -2.25 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.01 -1.68 0.00	39.66 -3.31 0.00	42.82 -4.03 0.00	41.95 -3.75 0.00	39.04 -4.10 0.00	38.17 -2.74 0.00	37.25 -2.80 0.00	36.81 -3.16 0.00	37.58 -3.67 0.00	38.15 -4.05 0.00	39.12 -4.06 0.00	42.95 -5.15 0.00	49.44 -6.49 0.00	48.12 -5.59 0.00	42.46 -5.30 0.00	39.65 -4.26 0.00	37.84 -4.39 0.00	35.48 -3.94 0.00	34.60 -2.21 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.50 1.95 -0.01	32.17 1.76 -0.01	31.73 1.82 -0.01	30.82 1.69 0.00	31.97 1.70 0.00	35.25 1.55 0.00	45.33 2.36 0.00	50.32 3.47 0.00	49.04 3.34 0.00	45.81 2.67 0.00	43.00 2.09 0.00	42.14 2.08 0.00	42.13 2.16 0.00	43.44 2.19 0.00	44.56 2.36 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.29 4.36 0.01	57.62 3.92 0.00	51.35 3.58 0.00	47.03 3.12 0.00	44.76 2.53 0.00	41.83 2.41 0.00	38.76 1.95 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.86 2.31 -0.01	32.53 2.13 -0.01	32.09 2.18 -0.01	31.14 2.01 0.00	32.33 2.06 0.00	35.62 1.92 0.00	45.80 2.84 0.00	50.88 4.03 0.00	49.54 3.84 0.00	46.24 3.11 0.00	43.41 2.50 0.00	42.54 2.48 0.00	42.53 2.56 0.00	43.85 2.60 0.00	44.99 2.79 0.00	46.77 3.58 0.00	52.23 4.14 0.00	60.90 4.98 0.01	58.16 4.46 0.00	51.87 4.11 0.00	47.51 3.60 0.00	45.18 2.96 0.00	42.23 2.80 0.00	39.17 2.36 0.00
PATROON__115KV_TB1 80586	33.55 1.01 0.00	31.40 1.00 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.18 0.91 0.00	34.37 0.67 0.00	43.91 0.95 0.00	48.26 1.41 0.00	47.03 1.33 0.00	44.09 0.95 0.00	41.53 0.61 0.00	40.70 0.64 0.00	40.69 0.72 0.00	42.00 0.74 0.00	43.04 0.84 0.00	44.43 1.25 0.00	49.54 1.44 0.00	57.72 1.79 0.00	55.37 1.66 0.00	49.25 1.48 0.00	45.31 1.41 0.00	43.20 0.97 0.00	40.33 0.91 0.00	37.51 0.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.70 -0.85 0.00	29.67 -0.73 0.00	29.21 -0.69 0.00	28.49 -0.64 0.00	29.67 -0.61 0.00	33.80 0.10 0.00	42.28 -0.69 0.00	46.20 -0.66 0.00	45.29 -0.41 0.00	42.06 -1.08 0.00	40.96 0.04 0.00	39.98 -0.08 0.00	39.49 -0.48 0.00	40.30 -0.95 0.00	40.85 -1.35 0.00	41.93 -1.25 0.00	46.27 -1.83 0.00	53.53 -2.41 0.00	51.82 -1.88 0.00	45.76 -2.01 0.00	42.55 -1.36 0.00	40.58 -1.65 0.00	38.01 -1.42 0.00	36.59 -0.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.50 1.95 0.00	32.16 1.76 0.00	31.66 1.76 0.00	30.76 1.63 0.00	31.91 1.63 0.00	35.38 1.68 0.00	45.67 2.71 0.00	50.60 3.75 0.00	49.36 3.66 0.00	45.86 2.72 0.00	43.12 2.21 0.00	42.18 2.12 0.00	42.13 2.16 0.00	43.52 2.27 0.00	44.56 2.36 0.00	46.33 3.15 0.00	51.85 3.75 0.00	60.57 4.64 0.00	58.00 4.30 0.00	51.63 3.87 0.00	47.42 3.51 0.00	44.97 2.74 0.00	41.79 2.37 0.00	38.72 1.91 0.00
PEEKSKILL____ 23653	34.07 1.53 0.00	31.76 1.37 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.58 1.30 0.00	35.01 1.31 0.00	45.07 2.10 0.00	49.99 3.14 0.00	48.72 3.02 0.00	45.77 2.63 0.00	42.71 1.80 0.00	41.90 1.84 0.00	41.89 1.92 0.00	43.19 1.94 0.00	44.27 2.07 0.00	45.95 2.77 0.00	51.32 3.22 0.00	60.18 4.25 0.00	57.25 3.54 0.00	51.01 3.25 0.00	46.81 2.90 0.00	44.51 2.28 0.00	41.40 1.97 0.00	38.36 1.55 0.00
PGE MADISON__WINDPWR 24146	35.02 2.47 0.00	32.83 2.43 0.00	32.14 2.24 0.00	31.32 2.19 0.00	32.67 2.39 0.00	37.00 3.30 0.00	47.90 4.94 0.00	52.80 5.95 0.00	51.37 5.67 0.00	48.40 5.26 0.00	45.82 4.91 0.00	44.82 4.76 0.00	44.61 4.63 0.00	45.83 4.58 0.00	46.55 4.35 0.00	48.06 4.88 0.00	53.72 5.62 0.00	63.04 7.10 0.00	60.04 6.33 0.00	53.30 5.54 0.00	48.82 4.92 0.00	46.28 4.05 0.00	43.09 3.67 0.00	40.38 3.57 0.00
PIERCEFIELD__HYD 23852	31.63 -0.91 0.00	29.54 -0.85 0.00	29.09 -0.81 0.00	28.40 -0.73 0.00	29.58 -0.70 0.00	32.89 -0.81 0.00	41.76 -1.20 0.00	45.12 -1.73 0.00	44.10 -1.60 0.00	42.15 -0.99 0.00	40.06 -0.86 0.00	39.30 -0.76 0.00	39.21 -0.76 0.00	40.59 -0.66 0.00	41.52 -0.68 0.00	41.97 -1.21 0.00	46.80 -1.30 0.00	54.53 -1.40 0.00	52.36 -1.34 0.00	46.43 -1.34 0.00	42.63 -1.27 0.00	41.38 -0.84 0.00	38.56 -0.87 0.00	35.96 -0.85 0.00
PINELAWN_CC_1 323563	40.01 2.54 -4.92	35.45 2.34 -2.71	35.54 2.33 -3.31	33.02 2.21 -1.68	33.41 2.27 -0.86	44.79 2.43 -8.66	50.83 3.56 -4.30	63.18 4.87 -11.46	57.46 4.61 -7.14	49.37 4.10 -2.14	49.41 3.19 -5.30	47.19 3.16 -3.97	47.17 3.24 -3.96	47.63 3.30 -3.07	49.39 3.50 -3.69	50.45 3.89 -3.38	60.84 4.47 -8.26	75.73 5.82 -13.98	72.27 5.00 -13.57	63.95 4.54 -11.65	55.64 4.04 -7.70	52.91 3.34 -7.34	48.51 3.27 -5.81	45.13 2.76 -5.56
PJM_GEN_HTP_PROXY 323702	34.17 1.63 0.00	31.85 1.46 0.00	31.39 1.49 0.00	30.50 1.37 0.00	31.70 1.42 0.00	35.11 1.42 0.00	45.24 2.28 0.00	50.32 3.47 0.00	48.99 3.29 0.00	46.07 2.93 0.00	42.96 2.04 0.00	42.18 2.12 0.00	42.13 2.16 0.00	43.48 2.23 0.00	44.56 2.36 0.00	46.29 3.11 0.00	51.61 3.51 0.00	60.63 4.70 0.00	57.52 3.81 0.00	51.30 3.53 0.00	46.94 3.12 0.09	44.81 2.49 -0.09	41.59 2.17 0.00	38.50 1.69 0.00

PPL_SHRM_GT3 24213	40.56 3.09 -4.92	35.96 2.86 -2.71	36.08 2.87 -3.31	33.58 2.77 -1.68	33.95 2.82 -0.86	45.43 3.07 -8.66	51.82 4.55 -4.30	64.36 6.05 -11.46	58.51 5.67 -7.14	50.15 4.87 -2.14	50.11 3.89 -5.30	47.79 3.76 -3.97	47.77 3.84 -3.96	48.29 3.96 -3.07	50.15 4.26 -3.69	51.74 5.18 -3.38	62.47 6.11 -8.26	77.75 7.83 -13.98	74.15 6.88 -13.57	65.67 6.26 -11.65	57.18 5.58 -7.70	54.30 4.73 -7.34	49.33 4.10 -5.81	45.82 3.46 -5.56
PPL_SHRM_GT4 24214	40.56 3.09 -4.92	35.96 2.86 -2.71	36.08 2.87 -3.31	33.58 2.77 -1.68	33.95 2.82 -0.86	45.43 3.07 -8.66	51.82 4.55 -4.30	64.36 6.05 -11.46	58.51 5.67 -7.14	50.15 4.87 -2.14	50.11 3.89 -5.30	47.79 3.76 -3.97	47.77 3.84 -3.96	48.29 3.96 -3.07	50.15 4.26 -3.69	51.74 5.18 -3.38	62.47 6.11 -8.26	77.75 7.83 -13.98	74.15 6.88 -13.57	65.67 6.26 -11.65	57.18 5.58 -7.70	54.30 4.73 -7.34	49.33 4.10 -5.81	45.82 3.46 -5.56
PROJECT___ORANGE 1 24174	32.06 -0.49 0.00	29.94 -0.46 0.00	29.42 -0.48 0.00	28.70 -0.44 0.00	29.82 -0.45 0.00	33.36 -0.34 0.00	42.45 -0.52 0.00	46.34 -0.52 0.00	45.24 -0.46 0.00	42.45 -0.69 0.00	40.51 -0.41 0.00	39.62 -0.44 0.00	39.45 -0.52 0.00	40.68 -0.58 0.00	41.48 -0.72 0.00	42.58 -0.60 0.00	47.38 -0.72 0.00	55.04 -0.89 0.00	52.90 -0.81 0.00	47.00 -0.76 0.00	43.25 -0.66 0.00	41.43 -0.80 0.00	38.72 -0.71 0.00	36.33 -0.48 0.00
PROJECT___ORANGE 2 24166	32.06 -0.49 0.00	29.94 -0.46 0.00	29.42 -0.48 0.00	28.70 -0.44 0.00	29.82 -0.45 0.00	33.36 -0.34 0.00	42.45 -0.52 0.00	46.34 -0.52 0.00	45.24 -0.46 0.00	42.45 -0.69 0.00	40.51 -0.41 0.00	39.62 -0.44 0.00	39.45 -0.52 0.00	40.68 -0.58 0.00	41.48 -0.72 0.00	42.58 -0.60 0.00	47.38 -0.72 0.00	55.04 -0.89 0.00	52.90 -0.81 0.00	47.00 -0.76 0.00	43.25 -0.66 0.00	41.43 -0.80 0.00	38.72 -0.71 0.00	36.33 -0.48 0.00
PUCKETT___SOLAR 323809	33.39 0.84 0.00	31.22 0.82 0.00	30.64 0.75 0.00	29.86 0.73 0.00	31.06 0.79 0.00	34.95 1.25 0.00	44.73 1.76 0.00	49.10 2.25 0.00	47.89 2.19 0.00	45.17 2.03 0.00	42.67 1.76 0.00	41.66 1.60 0.00	41.45 1.48 0.00	42.61 1.36 0.00	43.42 1.22 0.00	44.78 1.60 0.00	49.92 1.83 0.00	58.39 2.46 0.00	55.74 2.04 0.00	49.48 1.72 0.00	45.53 1.63 0.00	43.41 1.18 0.00	40.53 1.10 0.00	38.02 1.21 0.00
PYRITES___HYD 24023	32.35 -0.20 0.00	30.21 -0.18 0.00	29.72 -0.18 0.00	29.02 -0.12 0.00	30.25 -0.03 0.00	33.66 -0.03 0.00	42.83 -0.13 0.00	46.38 -0.47 0.00	45.33 -0.37 0.00	43.35 0.22 0.00	41.24 0.33 0.00	40.46 0.40 0.00	40.45 0.48 0.00	41.87 0.62 0.00	42.79 0.59 0.00	43.22 0.04 0.00	48.00 -0.10 0.00	55.88 -0.06 0.00	53.70 0.00 0.00	47.67 -0.10 0.00	43.73 -0.18 0.00	42.40 0.17 0.00	39.51 0.08 0.00	36.85 0.04 0.00
QUAKERRD_115KV_BK1 80622	30.79 -1.76 0.00	28.75 -1.64 0.00	28.25 -1.64 0.00	27.53 -1.60 0.00	28.67 -1.60 0.00	32.32 -1.38 0.00	40.64 -2.32 0.00	44.28 -2.58 0.00	43.32 -2.38 0.00	40.64 -2.50 0.00	39.11 -1.80 0.00	38.21 -1.84 0.00	37.93 -2.04 0.00	39.03 -2.23 0.00	39.75 -2.45 0.00	40.76 -2.42 0.00	45.11 -2.98 0.00	52.30 -3.64 0.00	50.48 -3.22 0.00	44.71 -3.06 0.00	41.32 -2.59 0.00	39.48 -2.74 0.00	36.86 -2.56 0.00	35.01 -1.80 0.00
QUENSBRY_115KV_TB8 356137	34.66 2.12 0.00	32.31 1.91 0.00	31.69 1.79 0.00	30.85 1.72 0.00	32.09 1.82 0.00	35.72 2.02 0.00	45.76 2.79 0.00	50.32 3.47 0.00	48.99 3.29 0.00	45.86 2.72 0.00	43.33 2.41 0.00	42.42 2.36 0.00	42.25 2.28 0.00	43.60 2.35 0.00	44.73 2.53 0.00	46.25 3.07 0.00	51.51 3.41 0.00	60.29 4.36 0.00	58.21 4.51 0.00	51.59 3.82 0.00	47.55 3.64 0.00	45.14 2.91 0.00	42.27 2.84 0.00	39.35 2.54 0.00
RAMAPO___LBMP 323565	33.94 1.40 0.00	31.64 1.25 0.00	31.18 1.29 0.00	30.30 1.17 0.00	31.46 1.18 0.00	34.91 1.21 0.00	44.90 1.93 0.00	49.76 2.90 0.00	48.49 2.79 0.00	45.21 2.07 0.00	42.55 1.64 0.00	41.66 1.60 0.00	41.65 1.68 0.00	42.99 1.73 0.00	44.06 1.86 0.00	45.69 2.50 0.00	51.08 2.98 0.00	59.46 3.52 0.00	56.87 3.17 0.00	50.73 2.96 0.00	46.54 2.63 0.00	44.30 2.07 0.00	41.24 1.81 0.00	38.17 1.36 0.00
RANKINE____ 23646	31.24 -1.30 0.00	29.24 -1.16 0.00	28.79 -1.11 0.00	28.06 -1.08 0.00	29.22 -1.06 0.00	33.29 -0.40 0.00	41.55 -1.42 0.00	45.17 -1.69 0.00	44.33 -1.37 0.00	41.20 -1.94 0.00	40.18 -0.74 0.00	39.22 -0.84 0.00	38.69 -1.28 0.00	39.52 -1.73 0.00	40.09 -2.11 0.00	41.11 -2.07 0.00	45.26 -2.84 0.00	52.30 -3.64 0.00	50.75 -2.95 0.00	44.76 -3.01 0.00	41.67 -2.24 0.00	39.78 -2.45 0.00	37.26 -2.17 0.00	36.04 -0.77 0.00
RAVENSWOOD_GT2_1 24244	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.24 4.31 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.58 1.77 0.00
RAVENSWOOD_GT2_2 24245	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.24 4.31 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.58 1.77 0.00
RAVENSWOOD_GT2_3 24246	34.27 1.72 0.00	31.95 1.55 0.00	31.48 1.58 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.86 2.72 0.00	43.08 2.17 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.38 3.20 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.11 3.21 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.61 1.80 0.00
RAVENSWOOD_GT2_4 24247	34.27 1.72 0.00	31.95 1.55 0.00	31.48 1.58 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.86 2.72 0.00	43.08 2.17 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.38 3.20 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.11 3.21 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.61 1.80 0.00
RAVENSWOOD_GT3_1 24248	34.24 1.69 0.00	31.95 1.55 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.11 3.21 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.61 1.80 0.00

RAVENSWOOD_GT3_2 24249	34.24 1.69 0.00	31.95 1.55 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.11 3.21 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.61 1.80 0.00
RAVENSWOOD_GT3_3 24250	34.27 1.72 0.00	31.98 1.58 0.00	31.48 1.58 0.00	30.59 1.46 0.00	31.76 1.48 0.00	35.22 1.52 0.00	45.37 2.41 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.12 2.21 0.00	42.26 2.20 0.00	42.25 2.28 0.00	43.56 2.31 0.00	44.69 2.49 0.00	46.42 3.24 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.73 4.03 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.85 2.62 0.00	41.75 2.33 0.00	38.65 1.84 0.00
RAVENSWOOD_GT3_4 24251	34.27 1.72 0.00	31.98 1.58 0.00	31.48 1.58 0.00	30.59 1.46 0.00	31.76 1.48 0.00	35.22 1.52 0.00	45.37 2.41 0.00	50.41 3.56 0.00	49.13 3.43 0.00	45.90 2.76 0.00	43.12 2.21 0.00	42.26 2.20 0.00	42.25 2.28 0.00	43.56 2.31 0.00	44.69 2.49 0.00	46.42 3.24 0.00	51.80 3.70 0.00	60.35 4.42 0.00	57.73 4.03 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.85 2.62 0.00	41.75 2.33 0.00	38.65 1.84 0.00
RAVENSWOOD_GT_1 23729	34.44 1.89 -0.01	32.11 1.70 -0.01	31.64 1.73 -0.01	30.74 1.60 0.00	31.91 1.63 0.00	35.32 1.62 0.00	45.46 2.49 0.00	50.55 3.70 0.00	49.31 3.61 0.00	46.03 2.89 0.00	43.25 2.33 0.00	42.38 2.32 0.00	42.37 2.40 0.00	43.69 2.43 0.00	44.82 2.62 0.00	46.59 3.41 0.00	51.99 3.90 0.00	62.78 4.70 -2.15	69.86 4.24 -11.91	51.63 3.87 0.00	47.29 3.38 0.00	44.97 2.74 0.00	41.91 2.48 0.00	38.80 1.99 0.00
RAVENSWOOD_GT_10 24258	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.19 4.31 0.04	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.71 2.29 0.00	38.58 1.77 0.00
RAVENSWOOD_GT_11 24259	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.19 4.31 0.04	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.71 2.29 0.00	38.58 1.77 0.00
RAVENSWOOD_GT_4 24252	34.20 1.66 0.01	31.88 1.49 0.01	31.42 1.52 0.01	30.53 1.40 0.00	31.70 1.42 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.32 3.47 0.00	49.04 3.34 0.00	45.77 2.63 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.29 3.11 0.00	51.70 3.61 0.00	61.19 4.31 -0.96	66.64 3.87 -9.07	51.35 3.58 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
RAVENSWOOD_GT_5 24254	34.20 1.66 0.01	31.88 1.49 0.01	31.42 1.52 0.01	30.53 1.40 0.00	31.70 1.42 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.32 3.47 0.00	49.04 3.34 0.00	45.77 2.63 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.29 3.11 0.00	51.70 3.61 0.00	61.19 4.31 -0.96	66.64 3.87 -9.07	51.35 3.58 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
RAVENSWOOD_GT_6 24253	34.20 1.66 0.01	31.88 1.49 0.01	31.42 1.52 0.01	30.53 1.40 0.00	31.70 1.42 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.32 3.47 0.00	49.04 3.34 0.00	45.77 2.63 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.29 3.11 0.00	51.70 3.61 0.00	61.19 4.31 -0.96	66.64 3.87 -9.07	51.35 3.58 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
RAVENSWOOD_GT_7 24255	34.20 1.66 0.01	31.88 1.49 0.01	31.42 1.52 0.01	30.53 1.40 0.00	31.70 1.42 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.32 3.47 0.00	49.04 3.34 0.00	45.77 2.63 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.17 2.20 0.00	43.48 2.23 0.00	44.61 2.41 0.00	46.29 3.11 0.00	51.70 3.61 0.00	61.19 4.31 -0.96	66.64 3.87 -9.07	51.35 3.58 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.19 4.31 0.04	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.71 2.29 0.00	38.58 1.77 0.00
RAVENSWOOD_GT_9 24257	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.19 4.31 0.04	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.71 2.29 0.00	38.58 1.77 0.00
RAVENSWOOD___1 23533	34.44 1.89 -0.01	32.10 1.70 -0.01	31.64 1.73 -0.01	30.71 1.57 0.00	31.91 1.63 0.00	35.28 1.58 0.00	45.45 2.49 0.00	50.55 3.70 0.00	49.27 3.57 0.00	46.33 3.19 0.00	43.16 2.25 0.00	42.38 2.32 0.00	42.37 2.40 0.00	43.69 2.43 0.00	44.82 2.62 0.00	46.55 3.37 0.00	51.95 3.85 0.00	61.47 5.09 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.24 3.34 0.00	44.97 2.74 0.00	41.83 2.41 0.00	38.76 1.95 0.00
RAVENSWOOD___2 23534	34.41 1.85 -0.01	32.07 1.67 -0.01	31.61 1.70 -0.01	30.71 1.57 0.00	31.88 1.60 0.00	35.28 1.58 0.00	45.45 2.49 0.00	50.51 3.66 0.00	49.27 3.57 0.00	46.33 3.19 0.00	43.16 2.25 0.00	42.38 2.32 0.00	42.33 2.36 0.00	43.64 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.95 3.85 0.00	61.41 5.04 -0.44	57.89 4.19 0.00	51.59 3.82 0.00	47.24 3.34 0.00	44.93 2.71 0.00	41.79 2.37 0.00	38.76 1.95 0.00
RAVENSWOOD___3 23535	34.24 1.69 0.00	31.91 1.52 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.76 1.48 0.00	35.18 1.48 0.00	45.28 2.32 0.00	50.37 3.52 0.00	49.08 3.38 0.00	46.16 3.02 0.00	43.00 2.09 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.33 3.15 0.00	51.71 3.61 0.00	60.68 4.75 0.00	57.62 3.92 0.00	51.39 3.63 0.00	47.11 3.20 0.00	44.80 2.58 0.00	41.63 2.21 0.00	38.58 1.77 0.00

RAVENSWOOD___4 23820	34.41 1.85 -0.01	32.07 1.67 -0.01	31.61 1.70 -0.01	30.71 1.57 0.00	31.88 1.60 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.66 0.00	49.22 3.52 0.00	46.33 3.19 0.00	43.12 2.21 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.64 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.90 3.80 0.00	59.73 5.04 1.24	46.16 4.19 11.73	51.59 3.82 0.00	47.24 3.34 0.00	44.93 2.71 0.00	41.79 2.37 0.00	38.72 1.91 0.00
RCPI_TRUST___DRP 24196	34.20 1.66 0.00	31.91 1.52 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.73 1.45 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.86 2.72 0.00	43.08 2.17 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.65 2.45 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.62 3.92 0.00	51.40 3.63 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
RED___ROCHESTER 323720	31.57 -0.98 0.00	29.51 -0.88 0.00	28.94 -0.96 0.00	28.20 -0.93 0.00	29.37 -0.91 0.00	33.23 -0.47 0.00	41.81 -1.16 0.00	45.49 -1.36 0.00	44.56 -1.14 0.00	42.58 -0.56 0.00	40.47 -0.45 0.00	39.38 -0.68 0.00	39.09 -0.88 0.00	40.10 -1.15 0.00	40.81 -1.39 0.00	41.89 -1.29 0.00	46.32 -1.78 0.00	54.37 -1.57 0.00	51.82 -1.88 0.00	45.80 -1.96 0.00	42.41 -1.49 0.00	40.50 -1.73 0.00	38.01 -1.42 0.00	36.07 -0.74 0.00
REGAN___SOLAR 323812	35.54 2.99 0.00	33.19 2.79 0.00	32.44 2.54 0.00	31.58 2.45 0.00	32.88 2.60 0.00	36.90 3.20 0.00	47.61 4.64 0.00	52.10 5.25 0.00	50.54 4.84 0.00	47.41 4.27 0.00	44.64 3.72 0.00	43.58 3.53 0.00	43.37 3.40 0.00	44.72 3.47 0.00	45.87 3.67 0.00	47.80 4.62 0.00	53.63 5.53 0.00	63.20 7.27 0.00	60.68 6.98 0.00	53.64 5.87 0.00	49.57 5.67 0.00	47.00 4.77 0.00	43.65 4.22 0.00	40.57 3.76 0.00
RENSSELAER___COGEN 23796	33.42 0.88 0.00	31.22 0.82 0.00	30.76 0.87 0.00	30.01 0.87 0.00	31.09 0.82 0.00	34.24 0.54 0.00	43.69 0.73 0.00	48.02 1.17 0.00	46.80 1.10 0.00	44.04 0.91 0.00	41.28 0.37 0.00	40.46 0.40 0.00	40.45 0.48 0.00	41.79 0.53 0.00	42.83 0.63 0.00	44.22 1.03 0.00	49.30 1.20 0.00	57.61 1.68 0.00	55.10 1.39 0.00	49.06 1.29 0.00	45.05 1.14 0.00	42.99 0.76 0.00	40.10 0.67 0.00	37.36 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.77 3.22 0.00	33.34 2.95 0.00	32.62 2.72 0.00	31.75 2.62 0.00	33.03 2.76 0.00	36.90 3.20 0.00	47.47 4.51 0.00	52.29 5.43 0.00	50.86 5.16 0.00	47.58 4.44 0.00	44.97 4.05 0.00	43.98 3.93 0.00	43.69 3.72 0.00	45.09 3.84 0.00	46.29 4.09 0.00	47.97 4.79 0.00	53.44 5.34 0.00	62.70 6.77 0.00	60.68 6.98 0.00	53.59 5.83 0.00	49.53 5.62 0.00	46.75 4.52 0.00	43.68 4.26 0.00	40.67 3.86 0.00
REVERE_CPFR_DRP 24186	33.59 1.04 0.00	31.40 1.00 0.00	30.79 0.90 0.00	30.01 0.87 0.00	31.21 0.94 0.00	35.01 1.31 0.00	44.90 1.93 0.00	49.15 2.30 0.00	47.85 2.15 0.00	44.86 1.73 0.00	42.72 1.80 0.00	41.74 1.68 0.00	41.57 1.60 0.00	42.86 1.61 0.00	43.76 1.56 0.00	45.08 1.90 0.00	50.26 2.16 0.00	58.45 2.52 0.00	56.12 2.42 0.00	49.91 2.15 0.00	45.84 1.93 0.00	43.79 1.56 0.00	40.77 1.34 0.00	38.10 1.29 0.00
REYNOLDS_115KV_TB3 80639	33.62 1.07 0.00	31.43 1.03 0.00	30.94 1.05 0.00	30.12 0.99 0.00	31.28 1.00 0.00	34.51 0.81 0.00	44.08 1.12 0.00	48.45 1.59 0.00	47.21 1.51 0.00	44.26 1.12 0.00	41.61 0.70 0.00	40.78 0.72 0.00	40.77 0.80 0.00	42.16 0.91 0.00	43.21 1.01 0.00	44.61 1.42 0.00	49.73 1.64 0.00	57.89 1.96 0.00	55.53 1.83 0.00	49.44 1.67 0.00	45.44 1.54 0.00	43.37 1.14 0.00	40.53 1.10 0.00	37.69 0.88 0.00
RIVERBAY____ 323610	34.86 2.31 -0.01	32.53 2.13 -0.01	32.09 2.18 -0.01	31.14 2.01 0.00	32.33 2.06 0.00	35.62 1.92 0.00	45.80 2.84 0.00	50.88 4.03 0.00	49.54 3.84 0.00	46.24 3.11 0.00	43.41 2.50 0.00	42.54 2.48 0.00	42.53 2.56 0.00	43.85 2.60 0.00	44.99 2.79 0.00	46.77 3.58 0.00	52.23 4.14 0.00	60.90 4.98 0.01	58.16 4.46 0.00	51.87 4.11 0.00	47.51 3.60 0.00	45.18 2.96 0.00	42.23 2.80 0.00	39.17 2.36 0.00
RIVERSDE_115KV_TB3 55908	33.55 1.01 0.00	31.37 0.97 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.18 0.91 0.00	34.41 0.71 0.00	43.91 0.95 0.00	48.31 1.45 0.00	47.03 1.33 0.00	44.09 0.95 0.00	41.49 0.57 0.00	40.66 0.60 0.00	40.65 0.68 0.00	42.00 0.74 0.00	43.04 0.84 0.00	44.43 1.25 0.00	49.54 1.44 0.00	57.72 1.79 0.00	55.37 1.66 0.00	49.29 1.53 0.00	45.31 1.41 0.00	43.20 0.97 0.00	40.37 0.95 0.00	37.55 0.74 0.00
ROARING___BROOK_WT_PWR 323790	32.41 -0.13 0.00	30.27 -0.12 0.00	29.78 -0.12 0.00	29.05 -0.09 0.00	30.22 -0.06 0.00	33.60 -0.10 0.00	42.79 -0.17 0.00	46.53 -0.33 0.00	45.38 -0.32 0.00	42.84 -0.30 0.00	40.83 -0.08 0.00	40.02 -0.04 0.00	39.93 -0.04 0.00	41.21 -0.04 0.00	42.20 0.00 0.00	42.97 -0.21 0.00	47.91 -0.19 0.00	55.54 -0.39 0.00	53.49 -0.21 0.00	47.53 -0.24 0.00	43.69 -0.22 0.00	42.19 -0.04 0.00	39.39 -0.04 0.00	36.77 -0.04 0.00
ROCHESRG_115KV_T4 355643	31.24 -1.30 0.00	29.21 -1.19 0.00	28.70 -1.20 0.00	27.97 -1.17 0.00	29.10 -1.18 0.00	32.89 -0.81 0.00	41.33 -1.63 0.00	44.98 -1.87 0.00	44.01 -1.69 0.00	41.20 -1.94 0.00	39.81 -1.10 0.00	38.90 -1.16 0.00	38.57 -1.40 0.00	39.60 -1.65 0.00	40.30 -1.90 0.00	41.32 -1.86 0.00	45.64 -2.45 0.00	52.91 -3.02 0.00	51.18 -2.52 0.00	45.23 -2.53 0.00	41.89 -2.02 0.00	40.03 -2.20 0.00	37.38 -2.05 0.00	35.71 -1.10 0.00
ROCHESTER_9_IC 23652	31.44 -1.11 0.00	29.36 -1.03 0.00	28.85 -1.05 0.00	28.11 -1.02 0.00	29.25 -1.03 0.00	33.09 -0.61 0.00	41.59 -1.37 0.00	45.26 -1.59 0.00	44.33 -1.37 0.00	41.50 -1.64 0.00	40.10 -0.82 0.00	39.18 -0.88 0.00	38.85 -1.12 0.00	39.89 -1.36 0.00	40.60 -1.60 0.00	41.63 -1.55 0.00	45.98 -2.12 0.00	53.30 -2.63 0.00	51.55 -2.15 0.00	45.57 -2.20 0.00	42.15 -1.76 0.00	40.29 -1.94 0.00	37.61 -1.81 0.00	35.89 -0.92 0.00
ROCKVIEW_13_KV_LD 356306	34.24 1.69 0.00	31.95 1.55 0.00	31.45 1.55 0.00	30.56 1.43 0.00	31.73 1.45 0.00	35.18 1.48 0.00	45.33 2.36 0.00	50.37 3.51 0.00	49.13 3.43 0.00	45.81 2.67 0.00	43.08 2.17 0.00	42.22 2.16 0.00	42.21 2.24 0.00	43.56 2.31 0.00	44.65 2.45 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.29 4.36 0.00	57.73 4.03 0.00	51.44 3.68 0.00	47.16 3.25 0.00	44.80 2.58 0.00	41.71 2.29 0.00	38.61 1.80 0.00
ROME____115KV_TB2 80656	33.59 1.04 0.00	31.40 1.00 0.00	30.79 0.90 0.00	30.01 0.87 0.00	31.21 0.94 0.00	35.01 1.31 0.00	44.90 1.93 0.00	49.15 2.30 0.00	47.85 2.15 0.00	44.86 1.73 0.00	42.72 1.80 0.00	41.74 1.68 0.00	41.57 1.60 0.00	42.86 1.61 0.00	43.76 1.56 0.00	45.08 1.90 0.00	50.26 2.16 0.00	58.45 2.52 0.00	56.12 2.42 0.00	49.91 2.15 0.00	45.84 1.93 0.00	43.79 1.56 0.00	40.77 1.34 0.00	38.10 1.29 0.00

ROSETON___1 23587	33.91 1.37 0.00	31.64 1.25 0.00	31.15 1.26 0.00	30.30 1.17 0.00	31.46 1.18 0.00	34.91 1.21 0.00	44.81 1.85 0.00	49.57 2.72 0.00	48.26 2.56 0.00	45.38 2.24 0.00	42.39 1.47 0.00	41.58 1.52 0.00	41.57 1.60 0.00	42.90 1.65 0.00	43.97 1.77 0.00	45.56 2.37 0.00	50.84 2.74 0.00	59.57 3.63 0.00	56.71 3.01 0.00	50.58 2.82 0.00	46.41 2.50 0.00	44.17 1.94 0.00	41.12 1.69 0.00	38.17 1.36 0.00
ROSETON___2 23588	33.91 1.37 0.00	31.64 1.25 0.00	31.15 1.26 0.00	30.30 1.17 0.00	31.46 1.18 0.00	34.91 1.21 0.00	44.81 1.85 0.00	49.57 2.72 0.00	48.26 2.56 0.00	45.38 2.24 0.00	42.39 1.47 0.00	41.58 1.52 0.00	41.57 1.60 0.00	42.90 1.65 0.00	43.97 1.77 0.00	45.56 2.37 0.00	50.84 2.74 0.00	59.57 3.63 0.00	56.71 3.01 0.00	50.58 2.82 0.00	46.41 2.50 0.00	44.17 1.94 0.00	41.12 1.69 0.00	38.17 1.36 0.00
ROTTTRDAM_115KV_TB3 80664	33.62 1.07 0.00	31.37 0.97 0.00	30.85 0.96 0.00	30.04 0.90 0.00	31.21 0.94 0.00	34.71 1.01 0.00	44.38 1.42 0.00	48.73 1.87 0.00	47.44 1.74 0.00	44.52 1.38 0.00	42.02 1.10 0.00	41.14 1.08 0.00	41.09 1.12 0.00	42.41 1.16 0.00	43.47 1.27 0.00	44.78 1.60 0.00	49.97 1.88 0.00	58.17 2.24 0.00	55.90 2.20 0.00	49.72 1.96 0.00	45.71 1.80 0.00	43.66 1.44 0.00	40.77 1.34 0.00	37.95 1.14 0.00
RUSSELL___1 23602	31.57 -0.98 0.00	29.48 -0.91 0.00	28.94 -0.96 0.00	28.20 -0.93 0.00	29.37 -0.91 0.00	33.23 -0.47 0.00	41.80 -1.16 0.00	45.49 -1.36 0.00	44.56 -1.14 0.00	41.71 -1.42 0.00	40.30 -0.61 0.00	39.38 -0.68 0.00	39.09 -0.88 0.00	40.10 -1.16 0.00	40.81 -1.39 0.00	41.89 -1.30 0.00	46.27 -1.83 0.00	53.64 -2.29 0.00	51.82 -1.88 0.00	45.81 -1.96 0.00	42.42 -1.49 0.00	40.50 -1.73 0.00	37.77 -1.66 0.00	36.07 -0.74 0.00
RUSSELL___2 23532	31.57 -0.98 0.00	29.48 -0.91 0.00	28.94 -0.96 0.00	28.20 -0.93 0.00	29.37 -0.91 0.00	33.23 -0.47 0.00	41.80 -1.16 0.00	45.49 -1.36 0.00	44.56 -1.14 0.00	41.71 -1.42 0.00	40.30 -0.61 0.00	39.38 -0.68 0.00	39.09 -0.88 0.00	40.10 -1.16 0.00	40.81 -1.39 0.00	41.89 -1.30 0.00	46.27 -1.83 0.00	53.64 -2.29 0.00	51.82 -1.88 0.00	45.81 -1.96 0.00	42.42 -1.49 0.00	40.50 -1.73 0.00	37.77 -1.66 0.00	36.07 -0.74 0.00
RUSSELL___3 23549	31.57 -0.98 0.00	29.48 -0.91 0.00	28.94 -0.96 0.00	28.20 -0.93 0.00	29.37 -0.91 0.00	33.23 -0.47 0.00	41.80 -1.16 0.00	45.49 -1.36 0.00	44.56 -1.14 0.00	41.71 -1.42 0.00	40.30 -0.61 0.00	39.38 -0.68 0.00	39.09 -0.88 0.00	40.10 -1.16 0.00	40.81 -1.39 0.00	41.89 -1.30 0.00	46.27 -1.83 0.00	53.64 -2.29 0.00	51.82 -1.88 0.00	45.81 -1.96 0.00	42.42 -1.49 0.00	40.50 -1.73 0.00	37.77 -1.66 0.00	36.07 -0.74 0.00
RUSSELL___4 23556	31.57 -0.98 0.00	29.48 -0.91 0.00	28.94 -0.96 0.00	28.20 -0.93 0.00	29.37 -0.91 0.00	33.23 -0.47 0.00	41.80 -1.16 0.00	45.49 -1.36 0.00	44.56 -1.14 0.00	41.71 -1.42 0.00	40.30 -0.61 0.00	39.38 -0.68 0.00	39.09 -0.88 0.00	40.10 -1.16 0.00	40.81 -1.39 0.00	41.89 -1.30 0.00	46.27 -1.83 0.00	53.64 -2.29 0.00	51.82 -1.88 0.00	45.81 -1.96 0.00	42.42 -1.49 0.00	40.50 -1.73 0.00	37.77 -1.66 0.00	36.07 -0.74 0.00
RUSSELL___STATION 23914	31.57 -0.98 0.00	29.48 -0.91 0.00	28.94 -0.96 0.00	28.20 -0.93 0.00	29.37 -0.91 0.00	33.23 -0.47 0.00	41.80 -1.16 0.00	45.49 -1.36 0.00	44.56 -1.14 0.00	41.71 -1.42 0.00	40.30 -0.61 0.00	39.38 -0.68 0.00	39.09 -0.88 0.00	40.10 -1.16 0.00	40.81 -1.39 0.00	41.89 -1.30 0.00	46.27 -1.83 0.00	53.64 -2.29 0.00	51.82 -1.88 0.00	45.81 -1.96 0.00	42.42 -1.49 0.00	40.50 -1.73 0.00	37.77 -1.66 0.00	36.07 -0.74 0.00
S SALMON___HYD 24043	31.92 -0.62 0.00	29.82 -0.58 0.00	29.27 -0.63 0.00	28.55 -0.58 0.00	29.67 -0.61 0.00	33.23 -0.47 0.00	42.40 -0.56 0.00	46.38 -0.47 0.00	45.20 -0.50 0.00	42.66 -0.47 0.00	40.43 -0.49 0.00	39.46 -0.60 0.00	39.29 -0.68 0.00	40.55 -0.70 0.00	41.40 -0.80 0.00	42.54 -0.65 0.00	47.28 -0.82 0.00	55.20 -0.73 0.00	52.84 -0.86 0.00	46.95 -0.81 0.00	43.16 -0.75 0.00	41.30 -0.93 0.00	38.52 -0.91 0.00	36.00 -0.81 0.00
S.PERRY___115KV_TB1 80734	32.58 0.03 0.00	30.40 0.00 0.00	29.87 -0.03 0.00	29.13 0.00 0.00	30.34 0.06 0.00	34.54 0.84 0.00	43.61 0.64 0.00	47.65 0.80 0.00	46.75 1.05 0.00	43.61 0.47 0.00	42.10 1.19 0.00	41.02 0.96 0.00	40.53 0.56 0.00	41.50 0.25 0.00	42.20 0.00 0.00	43.44 0.26 0.00	48.14 0.05 0.00	55.99 0.06 0.00	54.13 0.43 0.00	47.67 -0.10 0.00	44.13 0.22 0.00	42.06 -0.17 0.00	39.23 -0.20 0.00	37.44 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.79 -1.76 0.00	28.81 -1.58 0.00	28.37 -1.52 0.00	27.65 -1.49 0.00	28.79 -1.48 0.00	32.82 -0.88 0.00	40.82 -2.15 0.00	44.23 -2.62 0.00	43.37 -2.33 0.00	40.33 -2.80 0.00	39.36 -1.55 0.00	38.45 -1.60 0.00	37.97 -2.00 0.00	38.74 -2.52 0.00	39.33 -2.87 0.00	40.33 -2.85 0.00	44.35 -3.75 0.00	51.18 -4.75 0.00	49.73 -3.97 0.00	43.85 -3.92 0.00	40.88 -3.03 0.00	39.02 -3.21 0.00	36.59 -2.84 0.00	35.48 -1.33 0.00
SAWYER___23_KV_LOAD 55526	30.79 -1.76 0.00	28.81 -1.58 0.00	28.37 -1.52 0.00	27.65 -1.49 0.00	28.79 -1.48 0.00	32.82 -0.88 0.00	40.82 -2.15 0.00	44.23 -2.62 0.00	43.37 -2.33 0.00	40.33 -2.80 0.00	39.36 -1.55 0.00	38.45 -1.60 0.00	37.97 -2.00 0.00	38.74 -2.52 0.00	39.33 -2.87 0.00	40.33 -2.85 0.00	44.35 -3.75 0.00	51.18 -4.75 0.00	49.73 -3.97 0.00	43.85 -3.92 0.00	40.88 -3.03 0.00	39.02 -3.21 0.00	36.59 -2.84 0.00	35.48 -1.33 0.00
SELKIRK___I 23801	33.62 1.07 0.00	31.40 1.00 0.00	30.91 1.02 0.00	30.12 0.99 0.00	31.24 0.97 0.00	34.54 0.84 0.00	44.08 1.12 0.00	48.40 1.54 0.00	47.12 1.42 0.00	44.39 1.25 0.00	41.65 0.74 0.00	40.82 0.76 0.00	40.81 0.84 0.00	42.12 0.87 0.00	43.17 0.97 0.00	44.48 1.29 0.00	49.59 1.49 0.00	57.94 2.01 0.00	55.47 1.77 0.00	49.34 1.57 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.02 0.00	37.73 0.92 0.00
SELKIRK___II 23799	33.42 0.88 0.00	31.24 0.85 0.00	30.76 0.87 0.00	29.98 0.85 0.00	31.09 0.82 0.00	34.34 0.64 0.00	43.87 0.90 0.00	48.21 1.36 0.00	46.93 1.23 0.00	44.22 1.08 0.00	41.45 0.53 0.00	40.62 0.56 0.00	40.61 0.64 0.00	41.95 0.70 0.00	43.00 0.80 0.00	44.35 1.17 0.00	49.44 1.34 0.00	57.77 1.84 0.00	55.20 1.50 0.00	49.15 1.39 0.00	45.18 1.27 0.00	43.16 0.93 0.00	40.26 0.83 0.00	37.47 0.66 0.00
SENECA OSWGO___HYD 24041	31.73 -0.81 0.00	29.64 -0.76 0.00	29.12 -0.78 0.00	28.38 -0.76 0.00	29.49 -0.79 0.00	32.99 -0.71 0.00	42.02 -0.95 0.00	45.87 -0.99 0.00	44.79 -0.91 0.00	42.32 -0.82 0.00	40.10 -0.82 0.00	39.18 -0.88 0.00	39.01 -0.96 0.00	40.22 -1.03 0.00	41.06 -1.14 0.00	42.15 -1.04 0.00	46.94 -1.15 0.00	54.75 -1.18 0.00	52.41 -1.29 0.00	46.57 -1.19 0.00	42.85 -1.05 0.00	41.00 -1.23 0.00	38.32 -1.10 0.00	35.89 -0.92 0.00

SENECA___115KV_TB3 355854	31.27 -1.27 0.00	29.27 -1.12 0.00	28.82 -1.08 0.00	28.11 -1.02 0.00	29.28 -1.00 0.00	33.36 -0.34 0.00	41.63 -1.33 0.00	45.26 -1.59 0.00	44.42 -1.28 0.00	41.28 -1.85 0.00	40.26 -0.65 0.00	39.30 -0.76 0.00	38.81 -1.16 0.00	39.60 -1.65 0.00	40.13 -2.07 0.00	41.20 -1.99 0.00	45.36 -2.74 0.00	52.41 -3.52 0.00	50.86 -2.85 0.00	44.85 -2.91 0.00	41.76 -2.15 0.00	39.82 -2.41 0.00	37.34 -2.09 0.00	36.11 -0.70 0.00
SENECA___ENERGY 23797	32.06 -0.49 0.00	29.97 -0.43 0.00	29.42 -0.48 0.00	28.70 -0.44 0.00	29.85 -0.42 0.00	33.63 -0.07 0.00	43.44 0.47 0.00	47.56 0.70 0.00	46.43 0.73 0.00	43.96 0.82 0.00	41.73 0.82 0.00	40.66 0.60 0.00	40.37 0.40 0.00	41.50 0.25 0.00	42.28 0.08 0.00	43.36 0.17 0.00	48.24 0.14 0.00	56.61 0.67 0.00	54.08 0.38 0.00	47.91 0.14 0.00	44.08 0.18 0.00	42.19 -0.04 0.00	39.47 0.04 0.00	37.07 0.26 0.00
SHOEMAKER___GT 23640	33.71 1.17 0.00	31.43 1.03 0.00	30.94 1.05 0.00	30.09 0.96 0.00	31.27 1.00 0.00	34.71 1.01 0.00	44.60 1.63 0.00	49.19 2.34 0.00	47.94 2.24 0.00	45.03 1.90 0.00	42.14 1.23 0.00	41.26 1.20 0.00	41.25 1.28 0.00	42.57 1.32 0.00	43.64 1.44 0.00	45.17 1.99 0.00	50.50 2.40 0.00	59.12 3.19 0.00	56.28 2.58 0.00	50.15 2.39 0.00	46.06 2.15 0.00	43.87 1.65 0.00	40.84 1.42 0.00	37.91 1.10 0.00
SHOEMAKR_138KV_BK 111 55601	33.72 1.17 0.00	31.43 1.03 0.00	30.94 1.05 0.00	30.09 0.96 0.00	31.28 1.00 0.00	34.71 1.01 0.00	44.60 1.63 0.00	49.20 2.34 0.00	47.94 2.24 0.00	44.78 1.64 0.00	42.18 1.27 0.00	41.30 1.24 0.00	41.29 1.32 0.00	42.61 1.36 0.00	43.63 1.43 0.00	45.17 1.99 0.00	50.50 2.40 0.00	58.84 2.91 0.00	56.28 2.58 0.00	50.20 2.44 0.00	46.06 2.15 0.00	43.88 1.65 0.00	40.89 1.46 0.00	37.91 1.10 0.00
SHOREHAM_IC_1 23715	40.56 3.09 -4.92	35.96 2.86 -2.71	36.08 2.87 -3.31	33.58 2.77 -1.68	33.95 2.82 -0.86	45.43 3.07 -8.66	51.82 4.55 -4.30	64.36 6.05 -11.46	58.51 5.67 -7.14	50.15 4.87 -2.14	50.11 3.89 -5.30	47.79 3.76 -3.97	47.77 3.84 -3.96	48.29 3.96 -3.07	50.15 4.26 -3.69	51.74 5.18 -3.38	62.47 6.11 -8.26	77.75 7.83 -13.98	74.15 6.88 -13.57	65.67 6.26 -11.65	57.18 5.58 -7.70	54.30 4.73 -7.34	49.33 4.10 -5.81	45.82 3.46 -5.56
SHOREHAM_IC_2 23716	40.56 3.09 -4.92	35.96 2.86 -2.71	36.08 2.87 -3.31	33.58 2.77 -1.68	33.95 2.82 -0.86	45.43 3.07 -8.66	51.82 4.55 -4.30	64.36 6.05 -11.46	58.51 5.67 -7.14	50.15 4.87 -2.14	50.11 3.89 -5.30	47.79 3.76 -3.97	47.77 3.84 -3.96	48.29 3.96 -3.07	50.15 4.26 -3.69	51.74 5.18 -3.38	62.47 6.11 -8.26	77.75 7.83 -13.98	74.15 6.88 -13.57	65.67 6.26 -11.65	57.18 5.58 -7.70	54.30 4.73 -7.34	49.33 4.10 -5.81	45.82 3.46 -5.56
SISSONVILLE____ 23735	31.63 -0.91 0.00	29.54 -0.85 0.00	29.09 -0.81 0.00	28.40 -0.73 0.00	29.58 -0.70 0.00	32.89 -0.81 0.00	41.76 -1.20 0.00	45.12 -1.73 0.00	44.10 -1.60 0.00	42.15 -0.99 0.00	40.06 -0.86 0.00	39.30 -0.76 0.00	39.21 -0.76 0.00	40.59 -0.66 0.00	41.52 -0.68 0.00	41.97 -1.21 0.00	46.80 -1.30 0.00	54.53 -1.40 0.00	52.36 -1.34 0.00	46.43 -1.34 0.00	42.63 -1.27 0.00	41.38 -0.84 0.00	38.56 -0.87 0.00	35.96 -0.85 0.00
SITHE_IND_GS1 24169	31.34 -1.20 0.00	29.30 -1.09 0.00	28.79 -1.11 0.00	28.09 -1.05 0.00	29.16 -1.12 0.00	32.52 -1.18 0.00	41.42 -1.54 0.00	45.21 -1.64 0.00	44.15 -1.55 0.00	41.72 -1.42 0.00	39.52 -1.39 0.00	38.65 -1.40 0.00	38.54 -1.44 0.00	39.73 -1.53 0.00	40.55 -1.65 0.00	41.63 -1.55 0.00	46.32 -1.78 0.00	53.97 -1.96 0.00	51.72 -1.99 0.00	45.95 -1.82 0.00	42.28 -1.62 0.00	40.54 -1.69 0.00	37.89 -1.54 0.00	35.49 -1.32 0.00
SITHE_IND_GS2 24170	31.34 -1.20 0.00	29.30 -1.09 0.00	28.79 -1.11 0.00	28.09 -1.05 0.00	29.16 -1.12 0.00	32.52 -1.18 0.00	41.42 -1.54 0.00	45.21 -1.64 0.00	44.15 -1.55 0.00	41.72 -1.42 0.00	39.52 -1.39 0.00	38.65 -1.40 0.00	38.54 -1.44 0.00	39.73 -1.53 0.00	40.55 -1.65 0.00	41.63 -1.55 0.00	46.32 -1.78 0.00	53.97 -1.96 0.00	51.72 -1.99 0.00	45.95 -1.82 0.00	42.28 -1.62 0.00	40.54 -1.69 0.00	37.89 -1.54 0.00	35.49 -1.32 0.00
SITHE_IND_GS3 24171	31.34 -1.20 0.00	29.30 -1.09 0.00	28.79 -1.11 0.00	28.09 -1.05 0.00	29.16 -1.12 0.00	32.52 -1.18 0.00	41.42 -1.54 0.00	45.21 -1.64 0.00	44.15 -1.55 0.00	41.72 -1.42 0.00	39.52 -1.39 0.00	38.65 -1.40 0.00	38.54 -1.44 0.00	39.73 -1.53 0.00	40.55 -1.65 0.00	41.63 -1.55 0.00	46.32 -1.78 0.00	53.97 -1.96 0.00	51.72 -1.99 0.00	45.95 -1.82 0.00	42.28 -1.62 0.00	40.54 -1.69 0.00	37.89 -1.54 0.00	35.49 -1.32 0.00
SITHE_IND_GS4 24172	31.34 -1.20 0.00	29.30 -1.09 0.00	28.79 -1.11 0.00	28.09 -1.05 0.00	29.16 -1.12 0.00	32.52 -1.18 0.00	41.42 -1.54 0.00	45.21 -1.64 0.00	44.15 -1.55 0.00	41.72 -1.42 0.00	39.52 -1.39 0.00	38.65 -1.40 0.00	38.54 -1.44 0.00	39.73 -1.53 0.00	40.55 -1.65 0.00	41.63 -1.55 0.00	46.32 -1.78 0.00	53.97 -1.96 0.00	51.72 -1.99 0.00	45.95 -1.82 0.00	42.28 -1.62 0.00	40.54 -1.69 0.00	37.89 -1.54 0.00	35.49 -1.32 0.00
SITHE___BATAVIA 24024	31.47 -1.07 0.00	29.45 -0.94 0.00	28.88 -1.02 0.00	28.14 -0.99 0.00	29.31 -0.97 0.00	33.39 -0.30 0.00	41.72 -1.25 0.00	45.31 -1.54 0.00	44.51 -1.19 0.00	42.71 -0.43 0.00	40.55 -0.37 0.00	39.34 -0.72 0.00	38.90 -1.08 0.00	39.81 -1.45 0.00	40.43 -1.77 0.00	41.50 -1.68 0.00	45.84 -2.26 0.00	53.97 -1.96 0.00	51.34 -2.36 0.00	45.23 -2.53 0.00	42.07 -1.84 0.00	40.12 -2.11 0.00	37.81 -1.62 0.00	36.18 -0.63 0.00
SITHE___INDEPEND 23800	31.34 -1.20 0.00	29.27 -1.12 0.00	28.79 -1.11 0.00	28.08 -1.05 0.00	29.16 -1.12 0.00	32.52 -1.18 0.00	41.42 -1.55 0.00	45.21 -1.64 0.00	44.15 -1.55 0.00	41.50 -1.64 0.00	39.52 -1.39 0.00	38.65 -1.40 0.00	38.53 -1.44 0.00	39.73 -1.53 0.00	40.55 -1.65 0.00	41.63 -1.55 0.00	46.32 -1.78 0.00	53.81 -2.13 0.00	51.72 -1.99 0.00	45.95 -1.82 0.00	42.28 -1.62 0.00	40.54 -1.69 0.00	37.85 -1.58 0.00	35.48 -1.33 0.00
SITHE___MASSENA 23902	32.51 -0.03 0.00	30.33 -0.06 0.00	29.87 -0.03 0.00	29.16 0.03 0.00	30.34 0.06 0.00	33.73 0.03 0.00	42.75 -0.21 0.00	46.15 -0.70 0.00	45.11 -0.60 0.00	42.58 -0.56 0.00	40.92 0.00 0.00	40.14 0.08 0.00	40.01 0.04 0.00	41.42 0.17 0.00	42.37 0.17 0.00	42.83 -0.35 0.00	47.71 -0.39 0.00	55.03 -0.90 0.00	53.33 -0.37 0.00	47.33 -0.43 0.00	43.51 -0.40 0.00	42.23 0.00 0.00	39.43 0.00 0.00	36.85 0.04 0.00
SITHE___OGDNSBRG 24021	32.61 0.07 0.00	30.43 0.03 0.00	29.93 0.03 0.00	29.22 0.09 0.00	30.43 0.15 0.00	33.87 0.17 0.00	43.05 0.09 0.00	46.53 -0.33 0.00	45.47 -0.23 0.00	43.48 0.35 0.00	41.37 0.45 0.00	40.54 0.48 0.00	40.41 0.44 0.00	41.83 0.58 0.00	42.79 0.59 0.00	43.22 0.04 0.00	48.14 0.05 0.00	56.04 0.11 0.00	53.86 0.16 0.00	47.76 0.00 0.00	43.86 -0.04 0.00	42.57 0.34 0.00	39.70 0.28 0.00	36.99 0.18 0.00

SITHE___STERLING 23777	33.39 0.84 0.00	31.18 0.79 0.00	30.61 0.72 0.00	29.83 0.70 0.00	31.03 0.76 0.00	34.78 1.08 0.00	44.55 1.59 0.00	48.77 1.92 0.00	47.48 1.78 0.00	44.73 1.60 0.00	42.39 1.47 0.00	41.38 1.32 0.00	41.25 1.28 0.00	42.53 1.28 0.00	43.42 1.22 0.00	44.69 1.51 0.00	49.83 1.73 0.00	58.11 2.18 0.00	55.58 1.88 0.00	49.39 1.62 0.00	45.40 1.49 0.00	43.37 1.14 0.00	40.45 1.02 0.00	37.84 1.03 0.00
SLEIGHT__34_KV_TB1 80719	31.57 -0.98 0.00	29.48 -0.91 0.00	28.97 -0.93 0.00	28.23 -0.90 0.00	29.37 -0.91 0.00	33.16 -0.54 0.00	41.93 -1.03 0.00	45.73 -1.12 0.00	44.74 -0.96 0.00	41.93 -1.21 0.00	40.34 -0.57 0.00	39.38 -0.68 0.00	39.13 -0.84 0.00	40.26 -0.99 0.00	40.98 -1.22 0.00	42.06 -1.12 0.00	46.56 -1.54 0.00	54.09 -1.85 0.00	52.15 -1.56 0.00	46.14 -1.62 0.00	42.59 -1.32 0.00	40.71 -1.52 0.00	37.97 -1.46 0.00	35.96 -0.85 0.00
SOUTH CAIRO___GT 23612	34.46 1.92 0.00	32.16 1.76 0.00	31.66 1.76 0.00	30.79 1.66 0.00	32.00 1.72 0.00	35.32 1.62 0.00	45.37 2.40 0.00	49.43 2.58 0.00	48.12 2.42 0.00	44.95 1.81 0.00	42.02 1.11 0.00	41.02 0.96 0.00	41.01 1.04 0.00	42.41 1.15 0.00	43.55 1.35 0.00	45.04 1.86 0.00	50.55 2.45 0.00	59.40 3.47 0.00	56.71 3.01 0.00	50.39 2.63 0.00	46.41 2.50 0.00	44.08 1.86 0.00	41.08 1.66 0.00	38.28 1.47 0.00
SOUTH HAMPTN___IC 23720	41.14 3.68 -4.92	36.48 3.37 -2.71	36.62 3.41 -3.31	34.07 3.26 -1.68	34.47 3.33 -0.86	46.07 3.71 -8.66	52.68 5.41 -4.30	65.34 7.03 -11.46	59.43 6.58 -7.14	50.92 5.65 -2.14	50.88 4.66 -5.30	48.51 4.49 -3.97	48.45 4.52 -3.96	48.99 4.66 -3.07	50.91 5.02 -3.69	52.52 5.96 -3.38	63.43 7.07 -8.26	78.92 9.01 -13.98	75.28 8.00 -13.57	66.62 7.21 -11.65	58.06 6.46 -7.70	55.10 5.53 -7.34	50.04 4.81 -5.81	46.52 4.16 -5.56
SOUTHDOW_115KV_TB1 355954	32.51 -0.03 0.00	30.30 -0.09 0.00	29.96 0.06 0.00	29.37 0.23 0.00	30.58 0.30 0.00	34.95 1.25 0.00	44.25 1.29 0.00	48.54 1.69 0.00	47.67 1.97 0.00	44.22 1.08 0.00	42.92 2.00 0.00	41.90 1.84 0.00	41.33 1.36 0.00	42.04 0.78 0.00	42.58 0.38 0.00	43.70 0.52 0.00	48.19 0.10 0.00	55.93 0.00 0.00	54.03 0.32 0.00	47.67 -0.10 0.00	44.30 0.40 0.00	42.23 0.00 0.00	39.70 0.28 0.00	38.06 1.25 0.00
SOUTHOLD_69_KV_BK 2 55809	41.54 4.07 -4.92	36.85 3.74 -2.71	36.98 3.77 -3.31	34.39 3.58 -1.68	34.83 3.69 -0.86	46.47 4.11 -8.66	53.28 6.01 -4.30	66.04 7.73 -11.46	60.06 7.22 -7.14	51.05 5.78 -2.14	51.42 5.20 -5.30	49.00 4.97 -3.97	48.93 5.00 -3.96	49.48 5.16 -3.07	51.42 5.53 -3.69	53.12 6.56 -3.38	64.15 7.79 -8.26	79.37 9.45 -13.98	76.13 8.86 -13.57	67.24 7.83 -11.65	58.76 7.16 -7.70	55.74 6.17 -7.34	50.60 5.36 -5.81	47.00 4.64 -5.56
SOUTHOLD___IC 23719	41.54 4.07 -4.92	36.84 3.74 -2.71	36.98 3.77 -3.31	34.39 3.58 -1.68	34.83 3.69 -0.86	46.47 4.11 -8.66	53.28 6.01 -4.30	66.04 7.73 -11.46	60.06 7.22 -7.14	51.49 6.21 -2.14	51.42 5.20 -5.30	48.99 4.97 -3.97	48.93 5.00 -3.96	49.48 5.16 -3.07	51.42 5.53 -3.69	53.12 6.56 -3.38	64.15 7.79 -8.26	79.82 9.90 -13.98	76.13 8.86 -13.57	67.39 7.98 -11.65	58.76 7.16 -7.70	55.69 6.12 -7.34	50.56 5.32 -5.81	47.00 4.64 -5.56
SOUTH_FORK_WT_PWR 323839	41.63 4.17 -4.92	36.94 3.83 -2.71	37.09 3.88 -3.31	34.48 3.67 -1.68	34.92 3.78 -0.86	46.61 4.25 -8.66	53.41 6.14 -4.30	66.23 7.92 -11.46	60.20 7.36 -7.14	51.62 6.34 -2.14	51.54 5.32 -5.30	49.12 5.09 -3.97	49.05 5.12 -3.96	49.61 5.28 -3.07	51.55 5.66 -3.69	53.25 6.69 -3.38	64.30 7.93 -8.26	79.98 10.06 -13.98	76.29 9.02 -13.57	67.53 8.12 -11.65	58.89 7.29 -7.70	55.86 6.29 -7.34	50.68 5.44 -5.81	47.12 4.75 -5.56
SPIERFLS_115KV_TB 1 80737	34.46 1.92 0.00	32.16 1.76 0.00	31.54 1.64 0.00	30.71 1.57 0.00	31.91 1.63 0.00	35.52 1.82 0.00	45.46 2.49 0.00	49.99 3.14 0.00	48.67 2.97 0.00	45.60 2.46 0.00	43.04 2.13 0.00	42.10 2.04 0.00	41.97 2.00 0.00	43.32 2.06 0.00	44.44 2.24 0.00	45.95 2.76 0.00	51.22 3.13 0.00	59.85 3.92 0.00	57.84 4.14 0.00	51.25 3.49 0.00	47.25 3.34 0.00	44.85 2.62 0.00	42.03 2.60 0.00	39.13 2.32 0.00
ST LAWRENCE____ 23600	32.22 -0.33 0.00	30.09 -0.30 0.00	29.63 -0.27 0.00	28.90 -0.23 0.00	30.07 -0.21 0.00	33.43 -0.27 0.00	42.45 -0.51 0.00	45.82 -1.03 0.00	44.74 -0.96 0.00	42.28 -0.86 0.00	40.59 -0.33 0.00	39.82 -0.24 0.00	39.69 -0.28 0.00	41.05 -0.21 0.00	41.99 -0.21 0.00	42.49 -0.69 0.00	47.33 -0.77 0.00	54.59 -1.34 0.00	52.90 -0.80 0.00	47.00 -0.77 0.00	43.16 -0.75 0.00	41.94 -0.29 0.00	39.15 -0.27 0.00	36.59 -0.22 0.00
STATE_CA_115KV_115_LB 55624	33.55 1.01 0.00	31.40 1.00 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.21 0.94 0.00	34.37 0.67 0.00	43.91 0.95 0.00	48.26 1.41 0.00	47.03 1.33 0.00	44.13 0.99 0.00	41.53 0.61 0.00	40.70 0.64 0.00	40.69 0.72 0.00	42.00 0.74 0.00	43.04 0.84 0.00	44.43 1.25 0.00	49.54 1.44 0.00	57.72 1.79 0.00	55.37 1.66 0.00	49.29 1.53 0.00	45.31 1.41 0.00	43.20 0.97 0.00	40.33 0.91 0.00	37.51 0.70 0.00
STATE_ST_34_KV_LOAD 55959	32.38 -0.16 0.00	30.24 -0.15 0.00	29.72 -0.18 0.00	28.96 -0.17 0.00	30.12 -0.15 0.00	33.83 0.13 0.00	43.22 0.26 0.00	47.27 0.42 0.00	46.16 0.46 0.00	43.27 0.13 0.00	41.37 0.45 0.00	40.42 0.36 0.00	40.21 0.24 0.00	41.42 0.17 0.00	42.20 0.00 0.00	43.31 0.13 0.00	48.19 0.10 0.00	56.10 0.17 0.00	53.97 0.27 0.00	47.86 0.10 0.00	44.04 0.13 0.00	42.10 -0.13 0.00	39.27 -0.16 0.00	36.88 0.07 0.00
STATION 5_MISC_HYD 23604	31.44 -1.11 0.00	29.42 -0.97 0.00	28.85 -1.05 0.00	28.11 -1.02 0.00	29.25 -1.03 0.00	33.09 -0.61 0.00	41.59 -1.38 0.00	45.26 -1.59 0.00	44.33 -1.37 0.00	42.36 -0.78 0.00	40.22 -0.70 0.00	39.18 -0.88 0.00	38.85 -1.12 0.00	39.89 -1.36 0.00	40.60 -1.60 0.00	41.63 -1.55 0.00	46.08 -2.02 0.00	54.03 -1.90 0.00	51.50 -2.20 0.00	45.52 -2.24 0.00	42.15 -1.76 0.00	40.29 -1.94 0.00	37.81 -1.62 0.00	35.93 -0.88 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.96 -0.59 0.00	29.85 -0.55 0.00	29.30 -0.60 0.00	28.58 -0.55 0.00	29.73 -0.54 0.00	33.60 -0.10 0.00	43.69 0.73 0.00	47.79 0.94 0.00	46.80 1.10 0.00	43.87 0.73 0.00	42.22 1.31 0.00	41.26 1.20 0.00	40.93 0.96 0.00	42.12 0.87 0.00	42.83 0.63 0.00	43.96 0.78 0.00	48.67 0.58 0.00	56.60 0.67 0.00	54.62 0.91 0.00	48.29 0.53 0.00	44.52 0.61 0.00	42.52 0.30 0.00	39.58 0.16 0.00	37.47 0.66 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.31 -1.24 0.00	29.24 -1.16 0.00	28.70 -1.20 0.00	27.97 -1.17 0.00	29.13 -1.15 0.00	32.92 -0.78 0.00	41.42 -1.55 0.00	45.07 -1.78 0.00	44.15 -1.55 0.00	41.37 -1.77 0.00	39.89 -1.02 0.00	38.98 -1.08 0.00	38.69 -1.28 0.00	39.73 -1.53 0.00	40.47 -1.73 0.00	41.50 -1.68 0.00	45.84 -2.26 0.00	53.14 -2.80 0.00	51.39 -2.31 0.00	45.42 -2.34 0.00	42.02 -1.89 0.00	40.16 -2.07 0.00	37.46 -1.97 0.00	35.71 -1.10 0.00

STA_56___34_KV_BUS2 355983	31.31 -1.24 0.00	29.24 -1.16 0.00	28.70 -1.20 0.00	27.97 -1.17 0.00	29.13 -1.15 0.00	32.92 -0.78 0.00	41.42 -1.55 0.00	45.07 -1.78 0.00	44.15 -1.55 0.00	41.37 -1.77 0.00	39.89 -1.02 0.00	38.98 -1.08 0.00	38.69 -1.28 0.00	39.73 -1.53 0.00	40.47 -1.73 0.00	41.50 -1.68 0.00	45.84 -2.26 0.00	53.14 -2.80 0.00	51.39 -2.31 0.00	45.42 -2.34 0.00	42.02 -1.89 0.00	40.16 -2.07 0.00	37.46 -1.97 0.00	35.71 -1.10 0.00
STA_67___115KV_BK2 355882	31.37 -1.17 0.00	29.30 -1.09 0.00	28.79 -1.11 0.00	28.06 -1.08 0.00	29.19 -1.09 0.00	33.02 -0.67 0.00	41.50 -1.46 0.00	45.17 -1.69 0.00	44.24 -1.46 0.00	41.41 -1.73 0.00	39.97 -0.94 0.00	39.06 -1.00 0.00	38.73 -1.24 0.00	39.77 -1.49 0.00	40.47 -1.73 0.00	41.54 -1.64 0.00	45.88 -2.21 0.00	53.14 -2.80 0.00	51.39 -2.31 0.00	45.42 -2.34 0.00	42.06 -1.84 0.00	40.20 -2.03 0.00	37.53 -1.89 0.00	35.82 -0.99 0.00
STA_7___115KV_9TRANS 80674	31.57 -0.98 0.00	29.48 -0.91 0.00	28.94 -0.96 0.00	28.20 -0.93 0.00	29.37 -0.91 0.00	33.23 -0.47 0.00	41.80 -1.16 0.00	45.49 -1.36 0.00	44.56 -1.14 0.00	41.71 -1.42 0.00	40.30 -0.61 0.00	39.38 -0.68 0.00	39.09 -0.88 0.00	40.10 -1.16 0.00	40.81 -1.39 0.00	41.89 -1.30 0.00	46.27 -1.83 0.00	53.64 -2.29 0.00	51.82 -1.88 0.00	45.81 -1.96 0.00	42.42 -1.49 0.00	40.50 -1.73 0.00	37.77 -1.66 0.00	36.07 -0.74 0.00
STA_82___115KV_TB1 80780	31.37 -1.17 0.00	29.33 -1.06 0.00	28.79 -1.11 0.00	28.06 -1.08 0.00	29.22 -1.06 0.00	33.02 -0.67 0.00	41.55 -1.42 0.00	45.21 -1.64 0.00	44.28 -1.42 0.00	41.46 -1.68 0.00	40.02 -0.90 0.00	39.10 -0.96 0.00	38.77 -1.20 0.00	39.81 -1.44 0.00	40.51 -1.69 0.00	41.58 -1.60 0.00	45.88 -2.21 0.00	53.19 -2.74 0.00	51.45 -2.26 0.00	45.47 -2.29 0.00	42.11 -1.80 0.00	40.24 -1.98 0.00	37.53 -1.89 0.00	35.85 -0.96 0.00
STEEL___WIND 323596	31.24 -1.30 0.00	29.33 -1.06 0.00	28.79 -1.11 0.00	28.09 -1.05 0.00	29.25 -1.03 0.00	33.33 -0.37 0.00	41.59 -1.38 0.00	45.21 -1.64 0.00	44.37 -1.33 0.00	42.58 -0.56 0.00	40.43 -0.49 0.00	39.26 -0.80 0.00	38.73 -1.24 0.00	39.52 -1.73 0.00	40.09 -2.11 0.00	41.15 -2.03 0.00	45.40 -2.69 0.00	53.42 -2.52 0.00	50.75 -2.95 0.00	44.76 -3.01 0.00	41.71 -2.19 0.00	39.78 -2.45 0.00	37.61 -1.81 0.00	36.11 -0.70 0.00
STEPHTWN_115KV_BK_2 55603	33.81 1.27 0.00	31.61 1.22 0.00	31.06 1.17 0.00	30.30 1.17 0.00	31.40 1.12 0.00	34.68 0.98 0.00	44.34 1.37 0.00	48.77 1.92 0.00	47.53 1.83 0.00	44.56 1.42 0.00	41.98 1.06 0.00	41.10 1.04 0.00	41.05 1.08 0.00	42.41 1.16 0.00	43.47 1.27 0.00	44.87 1.68 0.00	50.02 1.92 0.00	58.34 2.41 0.00	56.01 2.31 0.00	49.77 2.01 0.00	45.80 1.89 0.00	43.62 1.39 0.00	40.73 1.30 0.00	37.88 1.07 0.00
STEBUBEN_REC_LFGE 323667	32.12 -0.42 0.00	30.06 -0.33 0.00	29.60 -0.30 0.00	28.96 -0.17 0.00	30.22 -0.06 0.00	34.51 0.81 0.00	43.87 0.90 0.00	47.98 1.12 0.00	47.03 1.33 0.00	43.74 0.60 0.00	42.39 1.47 0.00	41.22 1.16 0.00	40.65 0.68 0.00	41.54 0.29 0.00	42.20 0.00 0.00	43.31 0.13 0.00	47.95 -0.14 0.00	55.65 -0.28 0.00	53.65 -0.05 0.00	47.19 -0.57 0.00	43.69 -0.22 0.00	41.72 -0.51 0.00	39.07 -0.35 0.00	37.32 0.52 0.00
STILLWATER___SOLAR 323814	34.27 1.72 0.00	31.97 1.58 0.00	31.39 1.49 0.00	30.59 1.46 0.00	31.76 1.48 0.00	35.32 1.62 0.00	45.20 2.23 0.00	49.66 2.81 0.00	48.35 2.65 0.00	45.51 2.37 0.00	42.71 1.80 0.00	41.86 1.80 0.00	41.77 1.80 0.00	43.15 1.90 0.00	44.23 2.03 0.00	45.69 2.50 0.00	50.93 2.84 0.00	59.62 3.69 0.00	57.19 3.49 0.00	50.78 3.01 0.00	46.76 2.85 0.00	44.51 2.28 0.00	41.55 2.13 0.00	38.72 1.91 0.00
STONY___BROOK 24151	40.27 2.80 -4.92	35.66 2.55 -2.71	35.78 2.57 -3.31	33.26 2.45 -1.68	33.65 2.51 -0.86	45.06 2.70 -8.66	51.22 3.95 -4.30	63.70 5.39 -11.46	57.91 5.07 -7.14	49.72 4.44 -2.14	49.74 3.52 -5.30	47.51 3.48 -3.97	47.49 3.56 -3.96	47.96 3.63 -3.07	49.77 3.88 -3.69	51.22 4.67 -3.38	61.84 5.48 -8.26	76.79 6.88 -13.98	73.29 6.01 -13.57	65.00 5.59 -11.65	56.56 4.96 -7.70	53.71 4.14 -7.34	48.86 3.62 -5.81	45.46 3.09 -5.56
STURGEON_POOL_HYD 23609	34.11 1.56 0.00	31.76 1.37 0.00	31.30 1.41 0.00	30.39 1.25 0.00	31.61 1.33 0.00	35.08 1.38 0.00	45.20 2.23 0.00	49.90 3.05 0.00	48.63 2.92 0.00	45.25 2.11 0.00	42.51 1.60 0.00	41.58 1.52 0.00	41.57 1.60 0.00	42.94 1.69 0.00	44.01 1.81 0.00	45.69 2.50 0.00	51.22 3.13 0.00	59.68 3.75 0.00	57.03 3.33 0.00	50.87 3.10 0.00	46.63 2.72 0.00	44.38 2.15 0.00	41.32 1.89 0.00	38.28 1.47 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.85 1.30 0.00	31.58 1.19 0.00	31.09 1.20 0.00	30.21 1.08 0.00	31.40 1.12 0.00	34.84 1.15 0.00	44.81 1.85 0.00	49.52 2.67 0.00	48.26 2.56 0.00	45.04 1.90 0.00	42.39 1.47 0.00	41.50 1.44 0.00	41.49 1.52 0.00	42.82 1.57 0.00	43.89 1.69 0.00	45.47 2.29 0.00	50.84 2.74 0.00	59.23 3.30 0.00	56.66 2.95 0.00	50.54 2.77 0.00	46.37 2.46 0.00	44.13 1.90 0.00	41.08 1.66 0.00	38.10 1.29 0.00
SWANROAD_115KV_TB1 355699	30.07 -2.47 0.00	28.15 -2.25 0.00	27.71 -2.18 0.00	27.01 -2.13 0.00	28.13 -2.15 0.00	32.05 -1.65 0.00	39.74 -3.22 0.00	42.96 -3.89 0.00	42.14 -3.56 0.00	39.17 -3.97 0.00	38.30 -2.62 0.00	37.37 -2.68 0.00	36.89 -3.08 0.00	37.66 -3.59 0.00	38.23 -3.97 0.00	39.21 -3.97 0.00	43.09 -5.00 0.00	49.67 -6.26 0.00	48.33 -5.37 0.00	42.61 -5.16 0.00	39.74 -4.17 0.00	37.96 -4.27 0.00	35.56 -3.86 0.00	34.64 -2.17 0.00
SYNERGY___BIOGAS 323694	31.47 -1.07 0.00	29.45 -0.94 0.00	28.88 -1.02 0.00	28.14 -0.99 0.00	29.31 -0.97 0.00	33.39 -0.30 0.00	41.72 -1.25 0.00	45.31 -1.54 0.00	44.51 -1.19 0.00	42.71 -0.43 0.00	40.55 -0.37 0.00	39.34 -0.72 0.00	38.90 -1.08 0.00	39.81 -1.45 0.00	40.43 -1.77 0.00	41.50 -1.68 0.00	45.84 -2.26 0.00	53.97 -1.96 0.00	51.34 -2.36 0.00	45.23 -2.53 0.00	42.07 -1.84 0.00	40.12 -2.11 0.00	37.81 -1.62 0.00	36.18 -0.63 0.00
SYRACUSE___ENERGY_ST1 323597	32.19 -0.36 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.71 -0.26 0.00	46.67 -0.19 0.00	45.56 -0.14 0.00	42.75 -0.39 0.00	40.79 -0.12 0.00	39.90 -0.16 0.00	39.73 -0.24 0.00	40.96 -0.29 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.38 0.00	55.43 -0.50 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.56 -0.35 0.00	41.72 -0.51 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00
SYRACUSE___ENERGY_ST2 323598	32.19 -0.36 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.71 -0.26 0.00	46.67 -0.19 0.00	45.56 -0.14 0.00	42.75 -0.39 0.00	40.79 -0.12 0.00	39.90 -0.16 0.00	39.73 -0.24 0.00	40.96 -0.29 0.00	41.78 -0.42 0.00	42.88 -0.30 0.00	47.71 -0.38 0.00	55.43 -0.50 0.00	53.33 -0.38 0.00	47.34 -0.43 0.00	43.56 -0.35 0.00	41.72 -0.51 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00

SYRACUSE___POWER 24017	32.22 -0.33 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.66 -0.30 0.00	46.62 -0.23 0.00	45.52 -0.18 0.00	42.71 -0.43 0.00	40.75 -0.16 0.00	39.82 -0.24 0.00	39.65 -0.32 0.00	40.88 -0.37 0.00	41.74 -0.46 0.00	42.84 -0.35 0.00	47.66 -0.43 0.00	55.37 -0.56 0.00	53.27 -0.43 0.00	47.29 -0.48 0.00	43.51 -0.40 0.00	41.68 -0.55 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00
TALLMAN___138KV_BK151 55660	34.01 1.46 0.00	31.70 1.31 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.52 1.24 0.00	34.98 1.28 0.00	45.03 2.06 0.00	49.90 3.05 0.00	48.58 2.88 0.00	45.34 2.20 0.00	42.63 1.72 0.00	41.78 1.72 0.00	41.77 1.80 0.00	43.07 1.82 0.00	44.14 1.94 0.00	45.82 2.63 0.00	51.22 3.13 0.00	59.62 3.69 0.00	57.03 3.33 0.00	50.87 3.10 0.00	46.67 2.77 0.00	44.38 2.15 0.00	41.32 1.89 0.00	38.24 1.44 0.00
TEALLAVE_115KV_TB7 355573	32.02 -0.52 0.00	29.94 -0.46 0.00	29.42 -0.48 0.00	28.67 -0.47 0.00	29.79 -0.48 0.00	33.33 -0.37 0.00	42.41 -0.56 0.00	46.29 -0.56 0.00	45.20 -0.50 0.00	42.40 -0.73 0.00	40.47 -0.45 0.00	39.58 -0.48 0.00	39.41 -0.56 0.00	40.63 -0.62 0.00	41.44 -0.76 0.00	42.53 -0.65 0.00	47.33 -0.77 0.00	54.98 -0.95 0.00	52.90 -0.81 0.00	46.95 -0.81 0.00	43.21 -0.70 0.00	41.43 -0.80 0.00	38.72 -0.71 0.00	36.29 -0.52 0.00
TELGRAPH_34_KV_EAST 80808	30.92 -1.63 0.00	28.91 -1.49 0.00	28.43 -1.46 0.00	27.71 -1.43 0.00	28.88 -1.39 0.00	32.89 -0.81 0.00	40.99 -1.98 0.00	44.46 -2.39 0.00	43.60 -2.10 0.00	40.59 -2.55 0.00	39.61 -1.31 0.00	38.65 -1.40 0.00	38.17 -1.80 0.00	39.03 -2.23 0.00	39.63 -2.57 0.00	40.63 -2.55 0.00	44.73 -3.37 0.00	51.68 -4.25 0.00	50.16 -3.54 0.00	44.23 -3.53 0.00	41.19 -2.72 0.00	39.27 -2.96 0.00	36.75 -2.68 0.00	35.59 -1.21 0.00
TEMPLE___115KV_TB 2 55572	32.06 -0.49 0.00	29.94 -0.46 0.00	29.42 -0.48 0.00	28.70 -0.44 0.00	29.82 -0.45 0.00	33.36 -0.34 0.00	42.45 -0.52 0.00	46.34 -0.52 0.00	45.24 -0.46 0.00	42.45 -0.69 0.00	40.51 -0.41 0.00	39.62 -0.44 0.00	39.45 -0.52 0.00	40.68 -0.58 0.00	41.48 -0.72 0.00	42.58 -0.60 0.00	47.38 -0.72 0.00	55.04 -0.89 0.00	52.90 -0.81 0.00	47.00 -0.76 0.00	43.25 -0.66 0.00	41.43 -0.80 0.00	38.72 -0.71 0.00	36.33 -0.48 0.00
TIANA___69_KV_BK 1 55817	40.98 3.51 -4.92	36.36 3.25 -2.71	36.47 3.26 -3.31	33.93 3.12 -1.68	34.35 3.21 -0.86	45.90 3.54 -8.66	52.46 5.20 -4.30	65.06 6.75 -11.46	59.15 6.31 -7.14	50.32 5.05 -2.14	50.72 4.50 -5.30	48.31 4.29 -3.97	48.29 4.36 -3.96	48.82 4.50 -3.07	50.70 4.81 -3.69	52.35 5.79 -3.38	63.19 6.83 -8.26	78.19 8.28 -13.98	75.01 7.73 -13.57	66.24 6.83 -11.65	57.84 6.23 -7.70	54.89 5.32 -7.34	49.89 4.65 -5.81	46.34 3.98 -5.56
TILDEN___115KV_TB1 80814	32.22 -0.33 0.00	30.09 -0.30 0.00	29.57 -0.33 0.00	28.81 -0.32 0.00	29.94 -0.33 0.00	33.53 -0.17 0.00	42.66 -0.30 0.00	46.62 -0.23 0.00	45.52 -0.18 0.00	42.71 -0.43 0.00	40.75 -0.16 0.00	39.82 -0.24 0.00	39.65 -0.32 0.00	40.88 -0.37 0.00	41.74 -0.46 0.00	42.84 -0.35 0.00	47.66 -0.43 0.00	55.37 -0.56 0.00	53.27 -0.43 0.00	47.29 -0.48 0.00	43.51 -0.40 0.00	41.68 -0.55 0.00	38.95 -0.47 0.00	36.51 -0.29 0.00
TRIGEN___CC 323695	39.62 2.15 -4.92	35.05 1.95 -2.71	35.18 1.97 -3.31	32.65 1.84 -1.68	33.02 1.88 -0.86	44.35 1.99 -8.66	50.23 2.96 -4.30	62.39 4.08 -11.46	56.77 3.93 -7.14	48.47 3.19 -2.14	48.92 2.70 -5.30	46.67 2.64 -3.97	46.65 2.72 -3.96	47.09 2.76 -3.07	48.84 2.95 -3.69	50.19 3.63 -3.38	60.55 4.18 -8.26	74.95 5.03 -13.98	71.89 4.62 -13.57	63.61 4.20 -11.65	55.34 3.73 -7.70	52.65 3.08 -7.34	47.99 2.76 -5.81	44.65 2.28 -5.56
TRINITY___115KV___ 4 BK 55933	33.46 0.91 0.00	31.31 0.91 0.00	30.79 0.90 0.00	30.04 0.90 0.00	31.12 0.85 0.00	34.27 0.57 0.00	43.78 0.82 0.00	48.12 1.27 0.00	46.89 1.19 0.00	43.96 0.82 0.00	41.37 0.45 0.00	40.54 0.48 0.00	40.53 0.56 0.00	41.87 0.62 0.00	42.92 0.72 0.00	44.30 1.12 0.00	49.40 1.30 0.00	57.50 1.57 0.00	55.21 1.50 0.00	49.10 1.34 0.00	45.14 1.23 0.00	43.07 0.84 0.00	40.25 0.83 0.00	37.40 0.59 0.00
UNION___PROCESSING_DRP 323587	31.41 -1.14 0.00	29.33 -1.06 0.00	28.82 -1.08 0.00	28.08 -1.05 0.00	29.22 -1.06 0.00	33.06 -0.64 0.00	41.59 -1.37 0.00	45.21 -1.64 0.00	44.28 -1.42 0.00	41.46 -1.68 0.00	40.06 -0.86 0.00	39.14 -0.92 0.00	38.81 -1.16 0.00	39.85 -1.40 0.00	40.55 -1.65 0.00	41.58 -1.60 0.00	45.93 -2.16 0.00	53.25 -2.68 0.00	51.45 -2.26 0.00	45.52 -2.24 0.00	42.11 -1.80 0.00	40.24 -1.98 0.00	37.57 -1.85 0.00	35.89 -0.92 0.00
UPPER HUDSON___HYD 24058	34.46 1.92 0.00	32.13 1.73 0.00	31.54 1.64 0.00	30.71 1.57 0.00	31.91 1.63 0.00	35.52 1.82 0.00	45.45 2.49 0.00	49.99 3.14 0.00	48.67 2.97 0.00	45.81 2.68 0.00	43.00 2.09 0.00	42.10 2.04 0.00	41.97 2.00 0.00	43.31 2.06 0.00	44.44 2.24 0.00	45.95 2.77 0.00	51.22 3.12 0.00	60.13 4.20 0.00	57.84 4.14 0.00	51.25 3.49 0.00	47.24 3.34 0.00	44.85 2.62 0.00	42.03 2.60 0.00	39.13 2.32 0.00
UPPER RAQUET___HYD 24056	31.63 -0.91 0.00	29.54 -0.85 0.00	29.09 -0.81 0.00	28.41 -0.73 0.00	29.58 -0.70 0.00	32.89 -0.81 0.00	41.76 -1.20 0.00	45.12 -1.73 0.00	44.10 -1.60 0.00	41.59 -1.55 0.00	40.01 -0.90 0.00	39.29 -0.76 0.00	39.21 -0.76 0.00	40.59 -0.66 0.00	41.52 -0.68 0.00	41.97 -1.21 0.00	46.80 -1.30 0.00	53.97 -1.96 0.00	52.36 -1.34 0.00	46.43 -1.34 0.00	42.63 -1.27 0.00	41.38 -0.84 0.00	38.56 -0.87 0.00	35.96 -0.85 0.00
VALLEY44_115KV_TB2 355964	32.09 -0.46 0.00	30.03 -0.36 0.00	29.57 -0.33 0.00	28.87 -0.26 0.00	30.06 -0.21 0.00	34.17 0.47 0.00	42.96 0.00 0.00	47.09 0.23 0.00	46.07 0.37 0.00	42.75 -0.39 0.00	41.53 0.61 0.00	40.50 0.44 0.00	40.01 0.04 0.00	40.84 -0.41 0.00	41.44 -0.76 0.00	42.58 -0.60 0.00	47.04 -1.06 0.00	54.53 -1.40 0.00	52.68 -1.02 0.00	46.57 -1.19 0.00	43.21 -0.70 0.00	41.22 -1.01 0.00	38.60 -0.83 0.00	36.92 0.11 0.00
VALLEY___115KV_TB 1-4 80826	33.00 0.46 0.00	30.85 0.46 0.00	30.31 0.42 0.00	29.54 0.41 0.00	30.73 0.45 0.00	34.24 0.54 0.00	43.82 0.86 0.00	48.02 1.17 0.00	46.84 1.14 0.00	44.13 0.99 0.00	41.86 0.94 0.00	40.98 0.92 0.00	40.89 0.92 0.00	42.20 0.95 0.00	43.13 0.93 0.00	44.30 1.12 0.00	49.35 1.25 0.00	57.39 1.45 0.00	55.05 1.34 0.00	48.91 1.15 0.00	44.87 0.97 0.00	43.12 0.89 0.00	40.18 0.75 0.00	37.47 0.66 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.50 1.95 0.00	32.22 1.82 0.00	31.63 1.73 0.00	30.76 1.63 0.00	32.00 1.73 0.00	35.79 2.09 0.00	46.06 3.09 0.00	50.74 3.89 0.00	49.45 3.75 0.00	46.29 3.15 0.00	44.02 3.11 0.00	43.06 3.00 0.00	42.93 2.96 0.00	44.22 2.97 0.00	45.11 2.91 0.00	46.51 3.33 0.00	51.80 3.70 0.00	60.18 4.25 0.00	57.78 4.08 0.00	51.54 3.77 0.00	47.33 3.42 0.00	45.06 2.83 0.00	41.95 2.52 0.00	39.17 2.36 0.00

VISCHER___FERRY HYD 24020	33.91 1.37 0.00	31.64 1.25 0.00	31.12 1.23 0.00	30.30 1.17 0.00	31.49 1.21 0.00	34.91 1.21 0.00	44.64 1.67 0.00	49.10 2.25 0.00	47.76 2.06 0.00	44.99 1.85 0.00	42.10 1.19 0.00	41.26 1.20 0.00	41.25 1.28 0.00	42.66 1.40 0.00	43.72 1.52 0.00	45.13 1.94 0.00	50.31 2.21 0.00	58.84 2.91 0.00	56.33 2.63 0.00	50.10 2.34 0.00	46.06 2.15 0.00	43.96 1.73 0.00	41.01 1.58 0.00	38.17 1.36 0.00
V_A_10_SYNC_DSASP 323832	30.56 -1.99 0.00	28.66 -1.73 0.00	28.13 -1.76 0.00	27.41 -1.72 0.00	28.52 -1.76 0.00	32.38 -1.31 0.00	40.39 -2.58 0.00	43.71 -3.14 0.00	42.82 -2.88 0.00	41.07 -2.07 0.00	38.99 -1.92 0.00	37.89 -2.16 0.00	37.49 -2.48 0.00	38.36 -2.89 0.00	38.99 -3.21 0.00	39.99 -3.19 0.00	44.15 -3.94 0.00	51.79 -4.14 0.00	49.35 -4.35 0.00	43.56 -4.20 0.00	40.53 -3.38 0.00	38.72 -3.50 0.00	36.55 -2.88 0.00	35.04 -1.77 0.00
V_CMM_10_SYNC_DSASP 323787	32.35 -0.19 0.00	30.18 -0.21 0.00	29.72 -0.18 0.00	29.02 -0.12 0.00	30.19 -0.09 0.00	33.53 -0.17 0.00	42.62 -0.35 0.00	46.01 -0.84 0.00	44.92 -0.78 0.00	42.45 -0.69 0.00	40.75 -0.16 0.00	39.98 -0.08 0.00	39.89 -0.08 0.00	41.21 -0.04 0.00	42.20 0.00 0.00	42.67 -0.52 0.00	47.52 -0.58 0.00	54.81 -1.12 0.00	53.11 -0.59 0.00	47.14 -0.62 0.00	43.34 -0.57 0.00	42.10 -0.13 0.00	39.31 -0.12 0.00	36.74 -0.07 0.00
V_CMP_10_SYNC_DSASP 323788	32.58 0.03 0.00	30.40 0.00 0.00	29.96 0.06 0.00	29.39 0.26 0.00	30.70 0.42 0.00	34.20 0.51 0.00	43.09 0.13 0.00	46.53 -0.33 0.00	45.61 -0.09 0.00	43.14 0.00 0.00	41.65 0.74 0.00	40.98 0.92 0.00	40.89 0.92 0.00	42.45 1.20 0.00	43.46 1.26 0.00	44.05 0.86 0.00	49.30 1.20 0.00	56.99 1.06 0.00	55.26 1.56 0.00	48.91 1.14 0.00	44.92 1.01 0.00	43.49 1.27 0.00	40.45 1.02 0.00	38.17 1.36 0.00
V_D_10_SYNC_DSASP 323841	32.51 -0.03 0.00	30.33 -0.06 0.00	29.87 -0.03 0.00	29.16 0.03 0.00	30.34 0.06 0.00	33.73 0.03 0.00	42.75 -0.21 0.00	46.15 -0.70 0.00	45.11 -0.60 0.00	42.58 -0.56 0.00	40.92 0.00 0.00	40.14 0.08 0.00	40.01 0.04 0.00	41.42 0.17 0.00	42.37 0.17 0.00	42.83 -0.35 0.00	47.71 -0.39 0.00	55.03 -0.90 0.00	53.33 -0.37 0.00	47.33 -0.43 0.00	43.51 -0.40 0.00	42.27 0.04 0.00	39.43 0.00 0.00	36.85 0.04 0.00
V_E_10_SYNC_DSASP 323830	35.02 2.47 0.00	32.83 2.43 0.00	32.14 2.24 0.00	31.32 2.19 0.00	32.67 2.39 0.00	37.00 3.30 0.00	47.90 4.94 0.00	52.80 5.95 0.00	51.37 5.67 0.00	48.40 5.26 0.00	45.82 4.91 0.00	44.82 4.76 0.00	44.61 4.63 0.00	45.83 4.58 0.00	46.55 4.35 0.00	48.06 4.88 0.00	53.72 5.62 0.00	63.04 7.10 0.00	60.04 6.33 0.00	53.30 5.54 0.00	48.82 4.92 0.00	46.28 4.05 0.00	43.09 3.67 0.00	40.38 3.57 0.00
V_F_30_NSYNC___DSASP 323816	34.30 1.76 0.00	32.00 1.61 0.00	31.42 1.52 0.00	30.59 1.46 0.00	31.79 1.51 0.00	35.38 1.68 0.00	45.24 2.28 0.00	49.71 2.86 0.00	48.44 2.74 0.00	45.60 2.46 0.00	42.80 1.88 0.00	41.90 1.84 0.00	41.85 1.88 0.00	43.19 1.94 0.00	44.27 2.07 0.00	45.73 2.55 0.00	50.98 2.89 0.00	59.68 3.75 0.00	57.25 3.54 0.00	50.82 3.06 0.00	46.81 2.90 0.00	44.55 2.32 0.00	41.59 2.17 0.00	38.76 1.95 0.00
V_F_30_SYNC_DSASP 323786	33.55 1.01 0.00	31.40 1.00 0.00	30.88 0.99 0.00	30.09 0.96 0.00	31.18 0.91 0.00	34.37 0.67 0.00	43.91 0.95 0.00	48.26 1.41 0.00	47.03 1.33 0.00	44.09 0.95 0.00	41.53 0.61 0.00	40.70 0.64 0.00	40.69 0.72 0.00	42.00 0.74 0.00	43.04 0.84 0.00	44.43 1.25 0.00	49.54 1.44 0.00	57.72 1.79 0.00	55.37 1.66 0.00	49.25 1.48 0.00	45.31 1.41 0.00	43.20 0.97 0.00	40.33 0.91 0.00	37.51 0.70 0.00
V_XM_10_SYNC_DSASP 323789	32.58 0.03 0.00	30.40 0.00 0.00	29.96 0.06 0.00	29.39 0.26 0.00	30.70 0.42 0.00	34.20 0.51 0.00	43.09 0.13 0.00	46.53 -0.33 0.00	45.61 -0.09 0.00	43.14 0.00 0.00	41.65 0.74 0.00	40.98 0.92 0.00	40.89 0.92 0.00	42.45 1.20 0.00	43.46 1.26 0.00	44.05 0.86 0.00	49.30 1.20 0.00	56.99 1.06 0.00	55.26 1.56 0.00	48.91 1.14 0.00	44.92 1.01 0.00	43.49 1.27 0.00	40.45 1.02 0.00	38.17 1.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.11 1.56 0.00	31.79 1.40 0.00	31.30 1.41 0.00	30.41 1.28 0.00	31.61 1.33 0.00	35.08 1.38 0.00	45.15 2.19 0.00	50.04 3.19 0.00	48.76 3.06 0.00	45.47 2.33 0.00	42.76 1.84 0.00	41.86 1.80 0.00	41.85 1.88 0.00	43.19 1.94 0.00	44.27 2.07 0.00	45.90 2.72 0.00	51.32 3.22 0.00	59.85 3.92 0.00	57.19 3.49 0.00	51.01 3.25 0.00	46.81 2.90 0.00	44.51 2.28 0.00	41.44 2.01 0.00	38.36 1.55 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.20 1.66 0.00	31.88 1.49 0.00	31.42 1.52 0.00	30.53 1.40 0.00	31.73 1.45 0.00	35.15 1.45 0.00	45.28 2.32 0.00	50.37 3.51 0.00	49.08 3.38 0.00	45.81 2.67 0.00	43.04 2.13 0.00	42.18 2.12 0.00	42.21 2.24 0.00	43.52 2.27 0.00	44.61 2.41 0.00	46.33 3.15 0.00	51.75 3.66 0.00	60.24 4.31 0.00	57.62 3.92 0.00	51.35 3.58 0.00	47.07 3.16 0.00	44.76 2.53 0.00	41.67 2.25 0.00	38.58 1.77 0.00
W50THST__13_KV_LOAD 356117	34.33 1.79 0.00	32.01 1.61 0.00	31.51 1.61 0.00	30.62 1.49 0.00	31.82 1.54 0.00	35.28 1.58 0.00	45.46 2.49 0.00	50.60 3.75 0.00	49.31 3.61 0.00	46.03 2.89 0.00	43.25 2.33 0.00	42.38 2.32 0.00	42.41 2.44 0.00	43.73 2.48 0.00	44.86 2.66 0.00	46.55 3.37 0.00	51.99 3.90 0.00	60.52 4.59 0.00	57.84 4.14 0.00	51.59 3.82 0.00	47.29 3.38 0.00	44.93 2.70 0.00	41.83 2.41 0.00	38.69 1.88 0.00
WADING RIVER_IC_1 23522	40.59 3.12 -4.92	35.96 2.86 -2.71	36.11 2.90 -3.31	33.61 2.80 -1.68	33.95 2.82 -0.86	45.46 3.10 -8.66	51.87 4.60 -4.30	64.40 6.09 -11.46	58.51 5.67 -7.14	50.19 4.92 -2.14	50.15 3.93 -5.30	47.84 3.81 -3.97	47.81 3.88 -3.96	48.33 4.00 -3.07	50.20 4.31 -3.69	51.78 5.22 -3.38	62.52 6.16 -8.26	77.75 7.83 -13.98	74.20 6.93 -13.57	65.72 6.30 -11.65	57.23 5.62 -7.70	54.34 4.77 -7.34	49.33 4.10 -5.81	45.86 3.50 -5.56
WADING RIVER_IC_2 23547	40.59 3.12 -4.92	35.96 2.86 -2.71	36.11 2.90 -3.31	33.61 2.80 -1.68	33.95 2.82 -0.86	45.46 3.10 -8.66	51.87 4.60 -4.30	64.40 6.09 -11.46	58.51 5.67 -7.14	50.19 4.92 -2.14	50.15 3.93 -5.30	47.84 3.81 -3.97	47.81 3.88 -3.96	48.33 4.00 -3.07	50.20 4.31 -3.69	51.78 5.22 -3.38	62.52 6.16 -8.26	77.75 7.83 -13.98	74.20 6.93 -13.57	65.72 6.30 -11.65	57.23 5.62 -7.70	54.34 4.77 -7.34	49.33 4.10 -5.81	45.86 3.50 -5.56
WADING RIVER_IC_3 23601	40.59 3.12 -4.92	35.96 2.86 -2.71	36.11 2.90 -3.31	33.61 2.80 -1.68	33.95 2.82 -0.86	45.46 3.10 -8.66	51.87 4.60 -4.30	64.40 6.09 -11.46	58.51 5.67 -7.14	50.19 4.92 -2.14	50.15 3.93 -5.30	47.84 3.81 -3.97	47.81 3.88 -3.96	48.33 4.00 -3.07	50.20 4.31 -3.69	51.78 5.22 -3.38	62.52 6.16 -8.26	77.75 7.83 -13.98	74.20 6.93 -13.57	65.72 6.30 -11.65	57.23 5.62 -7.70	54.34 4.77 -7.34	49.33 4.10 -5.81	45.86 3.50 -5.56

WALDENNY_12_KV_BK2 80841	31.18 -1.37 0.00	29.18 -1.22 0.00	28.73 -1.17 0.00	28.00 -1.14 0.00	29.19 -1.09 0.00	33.26 -0.44 0.00	41.46 -1.50 0.00	45.07 -1.78 0.00	44.24 -1.46 0.00	41.11 -2.03 0.00	40.14 -0.78 0.00	39.14 -0.92 0.00	38.65 -1.32 0.00	39.44 -1.82 0.00	40.01 -2.19 0.00	41.07 -2.12 0.00	45.16 -2.93 0.00	52.24 -3.69 0.00	50.64 -3.06 0.00	44.66 0.00 0.00	41.58 -2.33 0.00	39.69 -2.53 0.00	37.18 -2.25 0.00	35.96 -0.85 0.00
WALDEN___HYDRO 24148	34.14 1.59 0.00	31.79 1.40 0.00	31.33 1.44 0.00	30.41 1.28 0.00	31.64 1.36 0.00	35.11 1.42 0.00	45.24 2.28 0.00	49.90 3.05 0.00	48.63 2.92 0.00	45.29 2.16 0.00	42.59 1.68 0.00	41.66 1.60 0.00	41.65 1.68 0.00	42.99 1.73 0.00	44.06 1.86 0.00	45.73 2.55 0.00	51.22 3.13 0.00	59.74 3.80 0.00	57.09 3.38 0.00	50.92 3.15 0.00	46.72 2.81 0.00	44.42 2.20 0.00	41.36 1.93 0.00	38.32 1.51 0.00
WARRENSBURG___ 23737	34.46 1.92 0.00	32.13 1.73 0.00	31.54 1.64 0.00	30.71 1.57 0.00	31.91 1.63 0.00	35.52 1.82 0.00	45.45 2.49 0.00	49.99 3.14 0.00	48.67 2.97 0.00	45.81 2.68 0.00	43.00 2.09 0.00	42.10 2.04 0.00	41.97 2.00 0.00	43.31 2.06 0.00	44.44 2.24 0.00	45.95 2.77 0.00	51.22 3.12 0.00	60.13 4.20 0.00	57.84 4.14 0.00	51.25 3.49 0.00	47.24 3.34 0.00	44.85 2.62 0.00	42.03 2.60 0.00	39.13 2.32 0.00
WATERSIDE___6 8 9 23538	34.41 1.86 -0.01	32.07 1.67 -0.01	31.61 1.70 -0.01	30.71 1.57 0.00	31.88 1.60 0.00	35.28 1.58 0.00	45.41 2.45 0.00	50.51 3.65 0.00	49.22 3.52 0.00	45.98 2.85 0.00	43.17 2.25 0.00	42.34 2.28 0.00	42.33 2.36 0.00	43.65 2.39 0.00	44.77 2.57 0.00	46.55 3.37 0.00	51.94 3.85 0.00	59.28 4.59 1.24	46.11 4.14 11.73	51.59 3.82 0.00	47.25 3.34 0.00	44.93 2.70 0.00	41.87 2.44 0.00	38.76 1.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.03 0.49 0.00	30.85 0.46 0.00	30.34 0.45 0.00	29.57 0.44 0.00	30.73 0.45 0.00	34.24 0.54 0.00	43.78 0.82 0.00	47.93 1.08 0.00	46.71 1.01 0.00	43.96 0.82 0.00	41.65 0.74 0.00	40.78 0.72 0.00	40.69 0.72 0.00	42.00 0.74 0.00	42.96 0.76 0.00	44.13 0.95 0.00	49.20 1.11 0.00	57.22 1.29 0.00	54.88 1.18 0.00	48.82 1.05 0.00	44.83 0.92 0.00	42.99 0.76 0.00	40.10 0.67 0.00	37.40 0.59 0.00
WATSON___69_KV_BK 1 55734	40.53 3.06 -4.92	35.93 2.83 -2.71	36.05 2.84 -3.31	33.49 2.68 -1.68	33.92 2.79 -0.86	45.36 3.00 -8.66	51.69 4.43 -4.30	64.17 5.86 -11.46	58.37 5.53 -7.14	49.76 4.49 -2.14	50.19 3.97 -5.30	47.83 3.81 -3.97	47.81 3.88 -3.96	48.33 4.00 -3.07	50.15 4.26 -3.69	51.66 5.10 -3.38	62.37 6.01 -8.26	77.13 7.22 -13.98	73.99 6.71 -13.57	65.43 6.02 -11.65	57.05 5.44 -7.70	54.17 4.60 -7.34	49.26 4.02 -5.81	45.79 3.42 -5.56
WDELAWARE___HYD 323627	34.37 1.82 0.00	32.00 1.61 0.00	31.51 1.61 0.00	30.59 1.46 0.00	31.85 1.57 0.00	35.42 1.72 0.00	45.72 2.75 0.00	50.37 3.52 0.00	49.08 3.38 0.00	45.94 2.80 0.00	42.92 2.00 0.00	41.98 1.92 0.00	41.97 2.00 0.00	43.31 2.06 0.00	44.39 2.19 0.00	46.03 2.85 0.00	51.66 3.56 0.00	60.68 4.75 0.00	57.57 3.87 0.00	51.35 3.58 0.00	47.11 3.20 0.00	44.76 2.53 0.00	41.59 2.17 0.00	38.61 1.80 0.00
WEST BABYLON___IC 23714	40.33 2.86 -4.92	35.75 2.64 -2.71	35.84 2.63 -3.31	33.32 2.51 -1.68	33.71 2.57 -0.86	45.13 2.76 -8.66	51.35 4.08 -4.30	63.75 5.43 -11.46	58.01 5.16 -7.14	49.50 4.23 -2.14	49.90 3.68 -5.30	47.59 3.57 -3.97	47.57 3.64 -3.96	48.08 3.75 -3.07	49.86 3.97 -3.69	51.31 4.75 -3.38	61.94 5.58 -8.26	76.63 6.71 -13.98	73.50 6.23 -13.57	65.00 5.59 -11.65	56.65 5.05 -7.70	53.79 4.22 -7.34	48.98 3.75 -5.81	45.49 3.13 -5.56
WEST CANADA___HYD 24049	32.74 0.20 0.00	30.58 0.18 0.00	30.08 0.18 0.00	29.31 0.18 0.00	30.46 0.18 0.00	33.87 0.17 0.00	43.27 0.30 0.00	47.37 0.52 0.00	46.16 0.46 0.00	43.52 0.39 0.00	41.12 0.21 0.00	40.26 0.20 0.00	40.21 0.24 0.00	41.50 0.25 0.00	42.45 0.25 0.00	43.57 0.39 0.00	48.58 0.48 0.00	56.61 0.67 0.00	54.19 0.48 0.00	48.24 0.48 0.00	44.35 0.44 0.00	42.53 0.30 0.00	39.66 0.24 0.00	36.99 0.18 0.00
WESTERN_NY_WIND 24143	31.41 -1.14 0.00	29.33 -1.06 0.00	28.82 -1.08 0.00	28.08 -1.05 0.00	29.28 -1.00 0.00	33.36 -0.34 0.00	41.63 -1.33 0.00	45.26 -1.59 0.00	44.38 -1.33 0.00	41.37 -1.77 0.00	40.26 -0.65 0.00	39.30 -0.76 0.00	38.81 -1.16 0.00	39.73 -1.53 0.00	40.34 -1.86 0.00	41.41 -1.77 0.00	45.60 -2.50 0.00	52.80 -3.13 0.00	51.23 -2.47 0.00	45.14 -2.63 0.00	41.98 -1.93 0.00	40.03 -2.20 0.00	37.42 -2.01 0.00	36.11 -0.70 0.00
WESTOVER___LESR 323668	32.71 0.16 0.00	30.58 0.18 0.00	30.05 0.15 0.00	29.31 0.17 0.00	30.46 0.18 0.00	34.20 0.51 0.00	43.57 0.60 0.00	47.70 0.84 0.00	46.57 0.87 0.00	43.53 0.39 0.00	41.61 0.70 0.00	40.66 0.60 0.00	40.45 0.48 0.00	41.62 0.37 0.00	42.45 0.25 0.00	43.66 0.47 0.00	48.58 0.48 0.00	56.44 0.50 0.00	54.24 0.54 0.00	48.15 0.38 0.00	44.35 0.44 0.00	42.40 0.17 0.00	39.58 0.16 0.00	37.21 0.40 0.00
WETHRSFD_WT_PWR 323626	31.18 -1.37 0.00	29.27 -1.12 0.00	28.73 -1.17 0.00	28.06 -1.08 0.00	29.22 -1.06 0.00	33.26 -0.44 0.00	41.81 -1.16 0.00	45.59 -1.26 0.00	44.69 -1.01 0.00	42.71 -0.43 0.00	40.59 -0.33 0.00	39.34 -0.72 0.00	38.81 -1.16 0.00	39.64 -1.61 0.00	40.22 -1.98 0.00	41.28 -1.90 0.00	45.69 -2.40 0.00	53.64 -2.30 0.00	51.02 -2.68 0.00	44.99 -2.77 0.00	41.85 -2.06 0.00	39.95 -2.28 0.00	37.69 -1.73 0.00	36.07 -0.74 0.00
WHAVSTOR_138KV_BK127 55557	34.01 1.46 0.00	31.70 1.31 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.52 1.24 0.00	34.95 1.25 0.00	44.98 2.02 0.00	49.85 3.00 0.00	48.58 2.88 0.00	45.34 2.20 0.00	42.63 1.72 0.00	41.78 1.72 0.00	41.77 1.80 0.00	43.07 1.82 0.00	44.14 1.94 0.00	45.77 2.59 0.00	51.17 3.08 0.00	59.62 3.69 0.00	57.03 3.33 0.00	50.87 3.10 0.00	46.67 2.77 0.00	44.38 2.15 0.00	41.32 1.89 0.00	38.24 1.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.01 1.46 0.00	31.70 1.31 0.00	31.24 1.35 0.00	30.36 1.22 0.00	31.52 1.24 0.00	34.95 1.25 0.00	44.98 2.02 0.00	49.85 3.00 0.00	48.58 2.88 0.00	45.34 2.20 0.00	42.63 1.72 0.00	41.78 1.72 0.00	41.77 1.80 0.00	43.07 1.82 0.00	44.14 1.94 0.00	45.77 2.59 0.00	51.17 3.08 0.00	59.62 3.69 0.00	57.03 3.33 0.00	50.87 3.10 0.00	46.67 2.77 0.00	44.38 2.15 0.00	41.32 1.89 0.00	38.24 1.44 0.00
WHITEHAL_115KV_TB1 80871	35.08 2.54 0.00	32.67 2.28 0.00	32.02 2.12 0.00	31.17 2.04 0.00	32.43 2.15 0.00	36.19 2.49 0.00	46.40 3.44 0.00	51.07 4.22 0.00	49.68 3.98 0.00	46.46 3.32 0.00	43.90 2.99 0.00	42.98 2.92 0.00	42.77 2.80 0.00	44.14 2.89 0.00	45.28 3.08 0.00	46.90 3.71 0.00	52.23 4.14 0.00	61.19 5.26 0.00	59.18 5.48 0.00	52.35 4.59 0.00	48.30 4.39 0.00	45.73 3.50 0.00	42.78 3.35 0.00	39.83 3.02 0.00

WHITEPLN_13_KV_LOAD 356215	34.40 1.86 0.00	32.07 1.67 0.00	31.60 1.70 0.00	30.68 1.54 0.00	31.88 1.60 0.00	35.32 1.62 0.00	45.54 2.58 0.00	50.69 3.84 0.00	49.49 3.79 0.00	46.11 2.98 0.00	43.37 2.45 0.00	42.50 2.44 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.90 2.70 0.00	46.64 3.45 0.00	52.09 3.99 0.00	60.74 4.81 0.00	58.16 4.46 0.00	51.73 3.96 0.00	47.42 3.51 0.00	45.02 2.79 0.00	41.91 2.48 0.00	38.83 2.02 0.00
WM_FLOYD_69_KV_BK2 356380	40.49 3.03 -4.92	35.87 2.77 -2.71	35.99 2.78 -3.31	33.52 2.71 -1.68	33.86 2.72 -0.86	45.33 2.97 -8.66	51.69 4.43 -4.30	64.21 5.90 -11.46	58.37 5.53 -7.14	49.67 4.40 -2.14	50.07 3.85 -5.30	47.71 3.69 -3.97	47.69 3.76 -3.96	48.21 3.88 -3.07	50.07 4.18 -3.69	51.61 5.05 -3.38	62.33 5.96 -8.26	77.07 7.16 -13.98	73.99 6.71 -13.57	65.38 5.97 -11.65	57.00 5.40 -7.70	54.17 4.60 -7.34	49.26 4.02 -5.81	45.75 3.39 -5.56
WOODARD__115KV_TB2 355635	31.96 -0.59 0.00	29.85 -0.55 0.00	29.33 -0.57 0.00	28.61 -0.52 0.00	29.73 -0.54 0.00	33.23 -0.47 0.00	42.28 -0.69 0.00	46.20 -0.66 0.00	45.11 -0.59 0.00	42.36 -0.78 0.00	40.38 -0.53 0.00	39.46 -0.60 0.00	39.33 -0.64 0.00	40.55 -0.70 0.00	41.40 -0.80 0.00	42.45 -0.73 0.00	47.23 -0.87 0.00	54.87 -1.06 0.00	52.79 -0.91 0.00	46.86 -0.91 0.00	43.12 -0.79 0.00	41.34 -0.89 0.00	38.60 -0.83 0.00	36.18 -0.63 0.00
YORK___WARBASSE 23770	34.57 2.02 -0.01	32.23 1.82 -0.01	31.73 1.82 -0.01	30.79 1.66 0.00	32.00 1.73 0.00	35.38 1.68 0.00	45.58 2.62 0.00	50.74 3.89 0.00	49.40 3.70 0.00	46.16 3.02 0.00	43.33 2.41 0.00	42.46 2.40 0.00	42.49 2.52 0.00	43.81 2.56 0.00	44.94 2.74 0.00	46.77 3.58 0.00	52.19 4.09 0.00	72.58 4.87 -11.78	140.29 4.46 -82.13	51.83 4.06 0.00	47.46 3.56 0.00	45.18 2.96 0.00	42.07 2.64 0.00	38.94 2.13 0.00