

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		01/13/2024																										
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	37.35	34.89	32.77	31.87	32.59	32.59	34.14	38.30	40.08	38.79	52.21	51.46	51.27	51.18	51.47	59.67	65.57	88.34	76.81	70.92	63.57	58.77	52.78	49.54			
		2.08	1.85	1.68	1.69	1.61	1.67	1.96	2.24	2.52	2.44	4.00	4.19	3.97	4.02	3.92	3.93	4.07	4.85	4.79	4.19	4.41	3.98	4.11	3.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-4.12	-3.98	-4.45	-12.52	-17.75	-31.90	-18.88	-19.60	-7.29	-8.51	-0.28	0.00			
74TH STREET_GT_1 24260	EST	37.38	34.93	32.80	31.90	32.62	32.62	34.14	38.23	40.08	38.82	52.21	51.51	51.60	51.88	51.56	61.22	65.56	91.03	76.82	70.93	63.62	58.82	52.83	49.59			
		2.12	1.88	1.71	1.72	1.64	1.70	1.96	2.16	2.52	2.47	4.00	4.24	3.89	3.93	3.84	3.85	4.03	4.80	4.78	4.19	4.46	4.03	4.16	3.84			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-4.53	-4.77	-4.62	-14.15	-17.78	-34.63	-18.89	-19.61	-7.29	-8.52	-0.28	0.00			
74TH STREET_GT_2 24261	EST	37.38	34.93	32.80	31.90	32.62	32.62	34.14	38.23	40.08	38.82	52.21	51.51	51.60	51.88	51.56	61.22	65.56	91.03	76.82	70.93	63.62	58.82	52.83	49.59			
		2.12	1.88	1.71	1.72	1.64	1.70	1.96	2.16	2.52	2.47	4.00	4.24	3.89	3.93	3.84	3.85	4.03	4.80	4.78	4.19	4.46	4.03	4.16	3.84			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-4.53	-4.77	-4.62	-14.15	-17.78	-34.63	-18.89	-19.61	-7.29	-8.52	-0.28	0.00			
ADK HUDSON___FALLS 24011	EST	37.49	35.03	33.08	32.08	32.90	32.75	34.01	38.12	39.63	38.39	51.30	50.28	50.14	49.09	50.94	58.49	69.25	90.13	80.78	75.32	64.68	60.49	52.18	49.18			
		2.22	1.98	1.99	1.90	1.92	1.82	1.83	2.06	2.07	2.04	3.09	2.97	2.59	2.50	2.54	2.77	2.98	3.66	3.61	3.25	3.53	3.38	3.44	3.43			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-4.37	-3.41	-5.30	-12.50	-22.52	-34.87	-24.02	-24.94	-9.28	-10.83	-0.36	0.00			
ADK RESOURCE___RCVRY 23798	EST	37.73	35.22	33.27	32.26	33.08	32.93	34.20	38.38	39.85	38.61	51.58	50.51	50.36	49.31	51.16	58.71	69.53	90.46	81.11	75.66	65.05	60.77	52.42	49.50			
		2.47	2.18	2.18	2.08	2.11	2.01	2.03	2.31	2.29	2.25	3.37	3.20	2.81	2.72	2.76	2.98	3.24	3.97	3.93	3.58	3.89	3.66	3.68	3.75			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-4.37	-3.41	-5.30	-12.51	-22.53	-34.89	-24.03	-24.95	-9.29	-10.83	-0.36	0.00			
ADK S GLENS___FALLS 24028	EST	37.49	35.03	33.08	32.08	32.90	32.75	34.01	38.12	39.63	38.39	51.30	50.28	50.14	49.09	50.94	58.49	71.58	104.10	88.34	80.54	66.11	60.49	52.18	49.18			
		2.22	1.98	1.99	1.90	1.92	1.82	1.83	2.06	2.07	2.04	3.09	2.97	2.59	2.50	2.54	2.77	2.98	3.66	3.61	3.25	3.53	3.38	3.44	3.43			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-4.37	-3.41	-5.30	-12.50	-24.84	-48.84	-31.57	-30.16	-10.72	-10.83	-0.36	0.00			
ADK_NYS___DAM 23527	EST	37.20	34.83	32.74	31.81	32.59	32.56	33.97	38.05	39.66	38.39	51.39	50.50	50.30	49.33	51.06	58.17	68.51	88.88	80.04	74.50	64.38	59.90	51.98	48.86			
		1.94	1.78	1.65	1.63	1.61	1.64	1.80	1.98	2.10	2.03	3.18	3.20	2.89	2.85	2.84	2.85	2.98	3.56	3.66	3.25	3.53	3.15	3.24	3.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-4.23	-3.29	-5.12	-12.09	-21.78	-33.73	-23.23	-24.12	-8.98	-10.47	-0.35	0.00			
AIR_PRODUCTS___DRP 24190	EST	35.69	33.44	31.44	30.57	31.29	31.26	32.59	36.39	37.94	36.79	49.90	49.04	48.98	48.00	49.74	56.90	67.21	87.16	78.29	73.00	62.79	58.45	50.52	47.44			
		0.42	0.40	0.34	0.39	0.31	0.34	0.42	0.32	0.38	0.44	1.69	1.74	1.55	1.51	1.51	1.56	1.62	1.75	1.86	1.70	1.92	1.67	1.79	1.69			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-4.24	-3.30	-5.14	-12.12	-21.83	-33.81	-23.29	-24.18	-9.00	-10.50	-0.35	0.00			
AKWESSNE_115KV_BK 355683	EST	35.27	32.94	31.00	30.03	30.82	30.77	31.95	35.85	37.30	36.13	47.44	46.41	42.58	42.58	42.54	42.45	42.84	50.62	52.14	46.28	50.89	45.35	47.47	44.79			
		0.00	-0.10	-0.09	-0.15	-0.15	-0.15	-0.23	-0.22	-0.26	-0.22	-0.77	-0.66	-0.60	-0.60	-0.56	-0.78	-0.92	-0.98	-1.01	-0.85	-0.99	-0.93	-0.92	-0.96			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	36.47	34.13	32.12	31.17	31.94	31.85	33.17	37.11	38.53	37.37	50.28	49.37	49.11	48.19	49.90	56.96	67.08	86.96	78.26	72.90	63.03	58.66	50.95	47.94			
		1.20	1.09	1.02	0.99	0.96	0.93	1.00	1.05	0.97	1.02	2.07	2.07	1.77	1.77	1.77	1.86	1.92	2.22	2.28	2.07	2.34	2.08	2.23	2.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-4.16	-3.24	-5.04	-11.88	-21.40	-33.15	-22.83	-23.70	-8.82	-10.29	-0.34	0.00			
ALBANY_2_SOLAR 323834	EST	36.43	34.13	32.12	31.17	31.94	31.85	33.17	37.11	38.53	37.37	50.28	49.37	49.11	48.19	49.90	56.97	67.09	86.97	78.26	72.91	63.03	58.66	50.95	47.90			
		1.16	1.09	1.02	0.99	0.96	0.93	1.00	1.05	0.97	1.02	2.07	2.07	1.77	1.77	1.77	1.86	1.92	2.22	2.28	2.07	2.34	2.08	2.23	2.15			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-4.16	-3.24	-5.04	-11.88	-21.41	-33.15	-22.83	-23.71	-8.82	-10.29	-0.34	0.00			
ALBANY___1 23571	EST	35.69	33.44	31.44	30.57	31.29	31.26	32.59	36.39	37.94	36.79	49.90	49.04	48.98	48.00	49.74	56.90	67.21	87.16	78.29	73.00	62.79	58.45	50.52	47.44			
		0.42	0.40	0.34	0.39	0.31	0.34	0.42	0.32	0.38	0.44	1.69	1.74	1.55	1.51	1.51	1.56	1.62	1.75	1.86	1.70	1.92	1.67	1.79	1.69			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-4.24	-3.30	-5.14	-12.12	-21.83	-33.81	-23.29	-24.18	-9.00	-10.50	-0.35	0.00			

ALBANY___2 23572	35.69 0.42 0.00	33.44 0.40 0.00	31.44 0.34 0.00	30.57 0.39 0.00	31.29 0.31 0.00	31.26 0.34 0.00	32.59 0.42 0.00	36.39 0.32 0.00	37.94 0.38 0.00	36.79 0.44 0.00	49.90 1.69 0.00	49.04 1.74 -0.23	48.98 1.55 -4.24	48.00 1.51 -3.30	49.74 1.51 -5.14	56.90 1.56 -12.12	67.21 1.62 -21.83	87.16 1.75 -33.81	78.29 1.86 -23.29	73.00 1.70 -24.18	62.79 1.92 -9.00	58.45 1.67 -10.50	50.52 1.79 -0.35	47.44 1.69 0.00
ALBANY___3 23573	35.69 0.42 0.00	33.44 0.40 0.00	31.44 0.34 0.00	30.57 0.39 0.00	31.29 0.31 0.00	31.26 0.34 0.00	32.59 0.42 0.00	36.39 0.32 0.00	37.94 0.38 0.00	36.79 0.44 0.00	49.90 1.69 0.00	49.04 1.74 -0.23	48.98 1.55 -4.24	48.00 1.51 -3.30	49.74 1.51 -5.14	56.90 1.56 -12.12	67.21 1.62 -21.83	87.16 1.75 -33.81	78.29 1.86 -23.29	73.00 1.70 -24.18	62.79 1.92 -9.00	58.45 1.67 -10.50	50.52 1.79 -0.35	47.44 1.69 0.00
ALBANY___4 23574	35.69 0.42 0.00	33.44 0.40 0.00	31.44 0.34 0.00	30.57 0.39 0.00	31.29 0.31 0.00	31.26 0.34 0.00	32.59 0.42 0.00	36.39 0.32 0.00	37.94 0.38 0.00	36.79 0.44 0.00	49.90 1.69 0.00	49.04 1.74 -0.23	48.98 1.55 -4.24	48.00 1.51 -3.30	49.74 1.51 -5.14	56.90 1.56 -12.12	67.21 1.62 -21.83	87.16 1.75 -33.81	78.29 1.86 -23.29	73.00 1.70 -24.18	62.79 1.92 -9.00	58.45 1.67 -10.50	50.52 1.79 -0.35	47.44 1.69 0.00
ALBANY___LFGE 323615	36.04 0.77 0.00	33.74 0.69 0.00	31.75 0.65 0.00	30.84 0.66 0.00	31.59 0.62 0.00	31.51 0.59 0.00	32.88 0.71 0.00	36.79 0.72 0.00	38.27 0.71 0.00	37.12 0.76 0.00	50.24 2.02 0.00	49.37 2.07 -0.23	49.27 1.81 -4.28	48.33 1.81 -3.33	50.09 1.81 -5.18	57.31 1.86 -12.23	67.70 1.92 -22.02	87.87 2.17 -34.11	78.92 2.28 -23.49	73.59 2.07 -24.39	63.23 2.28 -9.08	58.91 2.03 -10.59	50.86 2.13 -0.35	47.76 2.01 0.00
ALCOA_PA_115KV_PL-6C 55860	35.41 0.14 0.00	33.11 0.07 0.00	31.12 0.03 0.00	30.18 0.00 0.00	30.94 -0.03 0.00	30.89 -0.03 0.00	32.05 -0.13 0.00	35.99 -0.07 0.00	37.30 -0.26 0.00	36.13 -0.22 0.00	47.44 -0.77 0.00	46.46 -0.61 0.00	42.66 -0.52 0.00	42.62 -0.56 0.00	42.58 -0.52 0.00	42.45 -0.78 0.00	42.84 -0.92 0.00	50.67 -0.93 0.00	52.24 -0.90 0.00	46.33 -0.80 0.00	50.94 -0.93 0.00	45.40 -0.88 0.00	47.51 -0.87 0.00	44.83 -0.91 0.00
ALCOA_RYNLDS___DRP 24188	35.41 0.14 0.00	33.11 0.07 0.00	31.12 0.03 0.00	30.18 0.00 0.00	30.94 -0.03 0.00	30.89 -0.03 0.00	32.05 -0.13 0.00	35.99 -0.07 0.00	37.30 -0.26 0.00	36.13 -0.22 0.00	47.44 -0.77 0.00	46.46 -0.61 0.00	42.66 -0.52 0.00	42.62 -0.56 0.00	42.58 -0.52 0.00	42.45 -0.78 0.00	42.84 -0.92 0.00	50.67 -0.93 0.00	52.24 -0.90 0.00	46.33 -0.80 0.00	50.94 -0.93 0.00	45.40 -0.88 0.00	47.51 -0.87 0.00	44.83 -0.91 0.00
ALCOA___DSASP 323711	35.41 0.14 0.00	33.11 0.07 0.00	31.12 0.03 0.00	30.18 0.00 0.00	30.94 -0.03 0.00	30.89 -0.03 0.00	32.05 -0.13 0.00	35.78 -0.29 0.00	37.30 -0.26 0.00	36.13 -0.22 0.00	47.44 -0.77 0.00	46.41 -0.66 0.00	42.67 -0.52 0.00	42.62 -0.56 0.00	42.58 -0.52 0.00	42.45 -0.78 0.00	42.84 -0.92 0.00	50.72 -0.88 0.00	52.24 -0.90 0.00	46.33 -0.80 0.00	50.94 -0.93 0.00	45.40 -0.88 0.00	47.52 -0.87 0.00	44.83 -0.91 0.00
ALLEGHENY___COGEN 23514	35.12 -0.14 0.00	33.11 0.07 0.00	31.28 0.19 0.00	30.30 0.12 0.00	31.41 0.43 0.00	31.30 0.37 0.00	32.56 0.39 0.00	36.75 0.68 0.00	37.75 0.19 0.00	36.28 -0.07 0.00	47.49 -0.72 0.00	46.21 -0.90 -0.03	42.56 -1.21 -0.59	42.39 -1.25 -0.46	42.43 -1.38 -0.72	44.00 -0.91 -1.69	46.63 -0.17 -3.04	56.47 0.16 -4.71	56.55 0.16 -3.25	50.45 -0.05 -3.37	56.01 -0.05 -4.19	47.28 -0.46 -1.46	47.86 -0.58 -0.05	45.70 -0.05 0.00
ALTAMONT_115KV_TB 2 55880	36.15 0.88 0.00	33.87 0.83 0.00	31.87 0.78 0.00	30.93 0.75 0.00	31.72 0.74 0.00	31.67 0.74 0.00	32.98 0.80 0.00	36.90 0.83 0.00	38.46 0.90 0.00	37.26 0.91 0.00	49.95 1.74 0.00	49.09 1.79 -0.23	49.02 1.60 -4.24	48.08 1.60 -3.30	49.83 1.59 -5.14	56.94 1.60 -12.12	67.29 1.71 -21.83	87.36 1.96 -33.80	78.45 2.02 -23.28	73.09 1.79 -24.17	62.84 1.97 -9.00	58.54 1.76 -10.50	50.57 1.84 -0.35	47.53 1.78 0.00
ALTONA_WT_PWR 323606	34.98 -0.28 0.00	32.32 -0.73 0.00	30.13 -0.96 0.00	29.12 -1.06 0.00	29.83 -1.15 0.00	29.90 -1.02 0.00	30.69 -1.48 0.00	34.55 -1.51 0.00	36.40 -1.16 0.00	35.52 -0.83 0.00	46.96 -1.25 0.00	46.51 -0.56 0.00	42.45 -0.73 0.00	42.10 -1.08 0.00	41.72 -1.38 0.00	41.11 -2.12 0.00	41.44 -2.32 0.00	49.17 -2.42 0.00	50.54 -2.60 0.00	44.91 -2.21 0.00	49.28 -2.59 0.00	43.69 -2.59 0.00	45.97 -2.42 0.00	43.51 -2.24 0.00
AMERICAN_REF_FUEL 24010	32.13 -3.14 0.00	30.27 -2.78 0.00	28.82 -2.27 0.00	27.91 -2.26 0.00	29.05 -1.92 0.00	28.82 -2.10 0.00	29.95 -2.22 0.00	33.72 -2.34 0.00	34.18 -3.38 0.00	33.15 -3.20 0.00	42.62 -5.59 0.00	41.40 -5.70 -0.03	38.34 -5.36 -0.52	38.23 -5.36 -0.40	38.16 -5.56 -0.63	39.34 -5.36 -1.48	41.47 -4.94 -2.66	49.58 -6.14 -4.12	49.55 -6.43 -2.84	44.52 -5.56 -2.95	45.97 -6.28 -0.38	41.87 -5.69 -1.28	42.62 -5.81 -0.04	41.13 -4.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.40 -1.87 0.00	31.49 -1.55 0.00	29.91 -1.18 0.00	29.15 -1.03 0.00	30.20 -0.77 0.00	29.90 -1.02 0.00	31.27 -0.90 0.00	34.88 -1.19 0.00	35.53 -2.03 0.00	34.50 -1.85 0.00	44.40 -3.81 0.00	43.10 -4.00 -0.03	39.15 -4.62 -0.59	39.02 -4.62 -0.46	38.98 -4.83 -0.71	40.32 -4.58 -1.68	42.58 -4.20 -3.02	51.22 -5.05 -4.68	51.05 -5.31 -3.22	45.76 -4.71 -3.34	47.19 -5.24 -0.55	42.97 -4.77 -1.45	43.55 -4.89 -0.05	43.09 -2.65 0.00
ARTHUR KILL_GT_1 23520	37.56 2.29 -0.01	35.10 2.05 -0.01	32.94 1.83 -0.01	32.09 1.90 -0.01	32.75 1.76 -0.01	32.72 1.79 0.00	34.17 2.00 0.00	38.12 2.05 0.00	39.81 2.25 0.00	38.61 2.25 0.00	51.83 3.62 0.00	51.14 3.86 -0.20	51.02 3.50 -4.34	51.08 3.50 -4.40	51.09 3.45 -4.55	60.88 3.50 -14.15	65.30 3.76 -17.78	90.87 4.65 -34.63	76.76 4.73 -18.89	70.89 4.15 -19.61	63.36 4.20 -7.29	58.91 4.12 -8.52	53.03 4.36 -0.29	49.83 4.07 -0.01
ARTHUR_KILL_2 23512	37.50 2.22 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	32.00 1.81 -0.01	32.69 1.70 -0.01	32.62 1.70 0.00	34.07 1.90 0.00	38.05 1.98 0.00	39.70 2.14 0.00	38.50 2.14 0.00	51.73 3.52 0.00	51.04 3.77 -0.20	50.90 3.37 -4.34	51.00 3.41 -4.40	50.96 3.32 -4.55	60.79 3.41 -14.15	65.17 3.63 -17.78	90.71 4.49 -34.63	76.61 4.57 -18.89	70.74 4.00 -19.61	63.21 4.05 -7.29	58.82 4.02 -8.52	52.93 4.26 -0.29	49.69 3.93 -0.01
ARTHUR_KILL_3 23513	37.03 1.76 0.00	34.60 1.55 0.00	32.49 1.40 0.00	31.63 1.45 0.00	32.31 1.33 0.00	32.32 1.39 0.00	33.85 1.67 0.00	38.01 1.95 0.00	39.74 2.18 0.00	38.50 2.14 0.00	51.83 3.62 0.00	51.13 3.86 -0.20	51.10 3.58 -4.34	51.21 3.63 -4.40	51.17 3.53 -4.54	60.06 3.46 -13.38	60.59 3.59 -13.24	62.07 4.28 -6.19	61.60 4.25 -4.20	60.31 3.72 -9.46	60.31 3.94 -4.50	58.36 3.56 -8.51	52.39 3.73 -0.28	49.18 3.43 0.00

ARTHUR_KILL_COGEN 323718	37.56 2.29 -0.01	35.10 2.05 -0.01	32.94 1.83 -0.01	32.09 1.90 -0.01	32.75 1.76 -0.01	32.72 1.79 0.00	34.17 2.00 0.00	38.12 2.05 0.00	39.81 2.25 0.00	38.61 2.25 0.00	51.83 3.62 0.00	51.14 3.86 -0.20	51.02 3.50 -4.34	51.08 3.50 -4.40	51.09 3.45 -4.55	60.88 3.50 -14.15	65.30 3.76 -17.78	90.87 4.65 -34.63	76.76 4.73 -18.89	70.89 4.15 -19.61	63.36 4.20 -7.29	58.91 4.12 -8.52	53.03 4.36 -0.29	49.83 4.07 -0.01
ASHOKAN____ 23654	36.71 1.45 0.00	34.27 1.22 0.00	32.18 1.09 0.00	31.21 1.03 0.00	31.97 0.99 0.00	31.82 0.90 0.00	33.11 0.93 0.00	36.82 0.76 0.00	38.27 0.71 0.00	37.08 0.73 0.00	49.71 1.50 0.00	48.79 1.51 -0.21	47.04 0.04 -3.82	46.24 0.09 -2.97	47.85 0.13 -4.62	54.26 0.13 -10.91	63.80 0.39 -19.65	82.75 0.72 -30.43	74.91 0.80 -20.96	69.60 0.71 -21.76	60.54 0.57 -8.10	56.29 0.56 -9.45	50.35 1.65 -0.31	48.03 2.29 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.60 2.33 -0.01	35.13 2.08 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.91 1.98 -0.01	34.43 2.25 0.00	38.34 2.27 0.00	39.97 2.41 0.00	38.79 2.44 0.00	52.17 3.95 0.00	51.41 4.14 -0.19	51.37 3.84 -4.34	51.43 3.84 -4.40	51.44 3.79 -4.55	61.17 3.80 -14.14	65.51 3.98 -17.77	90.96 4.74 -34.62	76.70 4.68 -18.88	70.78 4.05 -19.60	63.31 4.15 -7.28	58.59 3.80 -8.52	52.55 3.87 -0.29	49.51 3.75 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	37.64 2.36 -0.01	35.17 2.12 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.94 2.01 -0.01	34.46 2.28 0.00	38.34 2.27 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.17 3.95 0.00	51.45 4.19 -0.19	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.55 4.02 -17.77	91.02 4.80 -34.62	76.70 4.68 -18.88	70.78 4.05 -19.60	63.31 4.15 -7.28	58.59 3.80 -8.52	52.55 3.87 -0.29	49.51 3.75 -0.01
ASTORIA_GT2_1 24094	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT2_2 24095	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT2_3 24096	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT2_4 24097	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT3_1 24098	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT3_2 24099	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT3_3 24100	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT3_4 24101	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT4_1 24102	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT4_2 24103	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT4_3 24104	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01

ASTORIA_GT4_4 24105	37.64 2.36 -0.01	35.17 2.11 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.16 3.95 0.00	51.51 4.24 -0.20	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.56 4.03 -17.77	91.02 4.80 -34.62	76.71 4.68 -18.89	70.84 4.10 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.60 3.92 -0.29	49.51 3.75 -0.01
ASTORIA_GT_1 23523	37.67 2.40 -0.01	35.20 2.15 -0.01	33.06 1.96 -0.01	32.21 2.02 -0.01	32.94 1.95 -0.01	32.97 2.04 -0.01	34.49 2.32 0.00	38.41 2.34 0.00	40.04 2.48 0.00	38.86 2.51 0.00	52.26 4.05 0.00	51.50 4.24 -0.19	51.46 3.93 -4.34	51.52 3.93 -4.40	51.53 3.88 -4.55	61.26 3.89 -14.14	65.60 4.07 -17.77	91.07 4.85 -34.62	76.81 4.79 -18.88	70.88 4.15 -19.60	63.41 4.25 -7.28	58.68 3.89 -8.52	52.69 4.01 -0.29	49.60 3.84 -0.01
ASTORIA_GT_10 24110	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.16 2.09 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
ASTORIA_GT_11 24225	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.16 2.09 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
ASTORIA_GT_12 24226	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.16 2.09 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
ASTORIA_GT_13 24227	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.16 2.09 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
ASTORIA_GT_5 24106	37.67 2.40 -0.01	35.20 2.15 -0.01	33.06 1.96 -0.01	32.21 2.02 -0.01	32.93 1.95 -0.01	32.96 2.04 0.00	34.49 2.32 0.00	38.34 2.27 0.00	40.04 2.48 0.00	38.86 2.51 0.00	52.26 4.05 0.00	51.56 4.28 -0.20	51.46 3.93 -4.34	51.52 3.93 -4.40	51.52 3.88 -4.55	61.26 3.89 -14.14	65.60 4.07 -17.77	91.12 4.90 -34.62	76.82 4.78 -18.89	70.89 4.15 -19.61	63.42 4.25 -7.29	58.68 3.89 -8.52	52.69 4.02 -0.29	49.60 3.84 -0.01
ASTORIA_GT_7 24107	37.67 2.40 -0.01	35.20 2.15 -0.01	33.06 1.96 -0.01	32.21 2.02 -0.01	32.93 1.95 -0.01	32.96 2.04 0.00	34.49 2.32 0.00	38.34 2.27 0.00	40.04 2.48 0.00	38.86 2.51 0.00	52.26 4.05 0.00	51.56 4.28 -0.20	51.46 3.93 -4.34	51.52 3.93 -4.40	51.52 3.88 -4.55	61.26 3.89 -14.14	65.60 4.07 -17.77	91.12 4.90 -34.62	76.82 4.78 -18.89	70.89 4.15 -19.61	63.42 4.25 -7.29	58.68 3.89 -8.52	52.69 4.02 -0.29	49.60 3.84 -0.01
ASTORIA_GT_8 24108	37.67 2.40 -0.01	35.20 2.15 -0.01	33.06 1.96 -0.01	32.21 2.02 -0.01	32.93 1.95 -0.01	32.96 2.04 0.00	34.49 2.32 0.00	38.34 2.27 0.00	40.04 2.48 0.00	38.86 2.51 0.00	52.26 4.05 0.00	51.56 4.28 -0.20	51.46 3.93 -4.34	51.52 3.93 -4.40	51.52 3.88 -4.55	61.26 3.89 -14.14	65.60 4.07 -17.77	91.12 4.90 -34.62	76.82 4.78 -18.89	70.89 4.15 -19.61	63.42 4.25 -7.29	58.68 3.89 -8.52	52.69 4.02 -0.29	49.60 3.84 -0.01
ASTORIA___2 24149	37.64 2.36 -0.01	35.17 2.12 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.90 1.92 -0.01	32.94 2.01 -0.01	34.46 2.28 0.00	38.34 2.27 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.17 3.95 0.00	51.45 4.19 -0.19	51.37 3.84 -4.34	51.47 3.89 -4.40	51.44 3.79 -4.55	61.21 3.85 -14.14	65.55 4.02 -17.77	91.02 4.80 -34.62	76.70 4.68 -18.88	70.83 4.10 -19.60	63.31 4.15 -7.28	58.64 3.84 -8.52	52.59 3.92 -0.29	49.51 3.75 -0.01
ASTORIA___3 23516	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.23 2.16 0.00	39.97 2.41 0.00	38.75 2.40 0.00	52.17 3.95 0.00	51.42 4.14 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.13 3.76 -14.15	65.48 3.94 -17.78	90.92 4.69 -34.63	76.82 4.79 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
ASTORIA___4 23517	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.16 2.09 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
ASTORIA___5 23518	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.23 2.16 0.00	39.97 2.41 0.00	38.75 2.40 0.00	52.17 3.95 0.00	51.42 4.14 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.13 3.76 -14.15	65.48 3.94 -17.78	90.92 4.69 -34.63	76.82 4.79 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
AST_ENERGY_2_CC3 323677	37.17 1.90 0.00	34.73 1.68 0.00	32.59 1.49 0.00	31.72 1.54 0.00	32.43 1.46 0.00	32.41 1.48 0.00	33.94 1.77 0.00	38.08 2.02 0.00	39.81 2.25 0.00	38.57 2.22 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.23 3.71 -4.34	51.33 3.75 -4.40	51.30 3.66 -4.54	60.27 3.67 -13.37	65.33 3.80 -17.76	89.47 4.54 -33.33	76.55 4.51 -18.88	70.64 3.91 -19.60	63.31 4.15 -7.29	58.54 3.75 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00
AST_ENERGY_2_CC4 323678	37.17 1.90 0.00	34.73 1.68 0.00	32.59 1.49 0.00	31.72 1.54 0.00	32.43 1.46 0.00	32.41 1.48 0.00	33.94 1.77 0.00	38.08 2.02 0.00	39.81 2.25 0.00	38.57 2.22 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.23 3.71 -4.34	51.33 3.75 -4.40	51.30 3.66 -4.54	60.27 3.67 -13.37	65.33 3.80 -17.76	89.47 4.54 -33.33	76.55 4.51 -18.88	70.64 3.91 -19.60	63.31 4.15 -7.29	58.54 3.75 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00

ATHENS_STG_1 23668	36.43 1.16 0.00	34.13 1.09 0.00	32.09 0.99 0.00	31.17 0.99 0.00	31.94 0.96 0.00	31.88 0.96 0.00	33.23 1.06 0.00	37.25 1.19 0.00	38.87 1.31 0.00	37.59 1.24 0.00	50.38 2.17 0.00	49.54 2.26 -0.21	49.06 2.07 -3.81	48.22 2.07 -2.97	49.74 2.03 -4.62	56.15 2.03 -10.89	65.48 2.10 -19.62	84.46 2.48 -30.38	76.62 2.55 -20.93	71.07 2.22 -21.73	62.39 2.44 -8.09	57.89 2.18 -9.43	50.97 2.27 -0.31	47.90 2.15 0.00
ATHENS_STG_2 23670	36.43 1.16 0.00	34.13 1.09 0.00	32.09 0.99 0.00	31.17 0.99 0.00	31.94 0.96 0.00	31.88 0.96 0.00	33.23 1.06 0.00	37.25 1.19 0.00	38.87 1.31 0.00	37.59 1.24 0.00	50.38 2.17 0.00	49.54 2.26 -0.21	49.06 2.07 -3.81	48.22 2.07 -2.97	49.74 2.03 -4.62	56.15 2.03 -10.89	65.48 2.10 -19.62	84.46 2.48 -30.38	76.62 2.55 -20.93	71.07 2.22 -21.73	62.39 2.44 -8.09	57.89 2.18 -9.43	50.97 2.27 -0.31	47.90 2.15 0.00
ATHENS_STG_3 23677	36.43 1.16 0.00	34.13 1.09 0.00	32.09 0.99 0.00	31.17 0.99 0.00	31.94 0.96 0.00	31.88 0.96 0.00	33.23 1.06 0.00	37.25 1.19 0.00	38.87 1.31 0.00	37.59 1.24 0.00	50.38 2.17 0.00	49.54 2.26 -0.21	49.06 2.07 -3.81	48.22 2.07 -2.97	49.74 2.03 -4.62	56.15 2.03 -10.89	65.48 2.10 -19.62	84.46 2.48 -30.38	76.62 2.55 -20.93	71.07 2.22 -21.73	62.39 2.44 -8.09	57.89 2.18 -9.43	50.97 2.27 -0.31	47.90 2.15 0.00
AUBURN___LFGE 323710	34.88 -0.39 0.00	32.75 -0.30 0.00	30.84 -0.25 0.00	29.91 -0.27 0.00	30.79 -0.19 0.00	30.77 -0.15 0.00	32.05 -0.13 0.00	35.96 -0.11 0.00	37.41 -0.15 0.00	36.17 -0.18 0.00	48.02 -0.19 0.00	46.81 -0.28 -0.02	43.32 -0.30 -0.44	43.13 -0.39 -0.34	43.15 -0.47 -0.53	44.18 -0.30 -1.25	45.97 -0.04 -2.26	55.09 0.00 -3.50	55.56 0.00 -2.41	49.58 -0.05 -2.50	52.80 0.00 -0.93	47.27 -0.09 -1.09	48.23 -0.19 -0.04	45.66 -0.09 0.00
BABYLON_RES_REC 323704	37.94 2.68 0.00	35.32 2.28 0.00	33.14 2.05 0.00	32.23 2.05 0.00	33.02 2.04 0.00	32.90 1.98 0.00	34.52 2.35 0.00	38.88 2.81 0.00	40.72 3.16 0.00	39.73 3.09 -0.29	52.36 4.15 0.00	51.45 4.19 -0.19	50.46 3.80 -3.48	49.83 3.89 -2.76	51.02 3.75 -4.18	56.80 3.59 -9.99	65.21 3.76 -17.69	84.02 4.74 -27.67	76.69 4.68 -18.86	70.62 3.91 -19.59	64.03 4.87 -7.29	58.81 4.02 -8.51	52.88 4.21 -0.28	49.91 4.16 0.00
BABYLON__69_KV_BK2 356345	38.33 3.07 0.00	35.69 2.64 0.00	33.46 2.36 0.00	32.53 2.35 0.00	33.36 2.39 0.00	33.21 2.29 0.00	34.81 2.64 0.00	39.10 3.03 0.00	41.09 3.53 0.00	40.13 3.49 -0.29	52.79 4.58 0.00	51.87 4.61 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.41 4.14 -4.18	57.23 4.02 -9.99	65.69 4.24 -17.69	84.69 5.42 -27.67	77.33 5.31 -18.86	71.15 4.43 -19.59	64.71 5.55 -7.29	59.37 4.58 -8.51	53.41 4.74 -0.28	50.46 4.71 0.00
BALL_HILL_WT_PWR 323825	33.33 -1.94 0.00	31.49 -1.55 0.00	29.88 -1.21 0.00	29.00 -1.18 0.00	30.11 -0.87 0.00	29.87 -1.05 0.00	31.21 -0.96 0.00	34.95 -1.12 0.00	35.61 -1.95 0.00	34.57 -1.78 0.00	44.59 -3.62 0.00	43.34 -3.77 -0.03	39.39 -4.36 -0.57	39.31 -4.32 -0.45	39.22 -4.57 -0.69	40.58 -4.28 -1.63	42.81 -3.89 -2.94	51.36 -4.80 -4.56	51.24 -5.05 -3.14	45.96 -4.43 -3.26	47.20 -4.98 -0.31	43.21 -4.49 -1.42	43.79 -4.65 -0.05	43.00 -2.74 0.00
BARON_WINDS___WT_PWR 323822	33.93 -1.34 0.00	32.02 -1.02 0.00	30.32 -0.78 0.00	29.45 -0.72 0.00	30.45 -0.53 0.00	30.34 -0.59 0.00	31.60 -0.58 0.00	35.42 -0.65 0.00	36.40 -1.16 0.00	35.19 -1.16 0.00	46.04 -2.17 0.00	44.86 -2.26 -0.04	41.18 -2.76 -0.76	41.01 -2.76 -0.59	41.05 -2.97 -0.92	42.77 -2.64 -2.18	45.37 -2.32 -3.93	54.80 -2.89 -6.09	54.36 -2.98 -4.19	48.84 -2.64 -4.35	45.62 -2.95 3.30	45.39 -2.78 -1.89	45.55 -2.90 -0.06	44.10 -1.65 0.00
BARRETT_IC_1 23704	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_10 23701	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_11 23702	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_12 23703	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_2 23705	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_3 23706	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_4 23707	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00

BARRETT_IC_5 23708	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_6 23709	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_7 23710	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.20 2.03 0.00	38.41 2.34 0.00	40.34 2.78 0.00	39.37 2.73 -0.29	51.97 3.76 0.00	51.17 3.91 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.77 3.49 -4.18	56.54 3.33 -9.99	64.86 3.41 -17.69	83.56 4.28 -27.67	76.21 4.20 -18.86	70.25 3.53 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.59 3.92 -0.28	49.64 3.89 0.00
BARRETT_IC_8 23711	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT_IC_9 23700	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT___1 23545	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BARRETT___2 23546	37.63 2.36 0.00	35.06 2.02 0.00	32.90 1.80 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.69 1.76 0.00	34.26 2.09 0.00	38.55 2.49 0.00	40.38 2.82 0.00	39.33 2.69 -0.29	52.02 3.81 0.00	51.21 3.95 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.54 3.33 -9.99	64.86 3.42 -17.69	83.55 4.28 -27.67	76.21 4.20 -18.86	70.25 3.54 -19.59	63.36 4.20 -7.29	58.44 3.66 -8.51	52.54 3.87 -0.28	49.63 3.89 0.00
BATAVIA___115KV_TB1 55881	33.50 -1.76 0.00	31.66 -1.39 0.00	29.97 -1.12 0.00	29.03 -1.15 0.00	30.17 -0.81 0.00	29.96 -0.96 0.00	31.21 -0.97 0.00	35.16 -0.90 0.00	35.87 -1.69 0.00	34.72 -1.64 0.00	44.98 -3.23 0.00	43.43 -3.67 -0.03	40.47 -3.20 -0.48	40.36 -3.20 -0.37	40.23 -3.45 -0.58	41.40 -3.20 -1.37	43.56 -2.67 -2.47	52.28 -3.15 -3.82	52.43 -3.35 -2.63	46.85 -3.02 -2.74	48.95 -3.42 -0.50	44.18 -3.29 -1.19	44.99 -3.44 -0.04	43.19 -2.56 0.00
BAYONEEC___CTG1 323682	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG10 323750	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG2 323683	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG3 323684	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG4 323685	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG5 323686	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG6 323687	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00

BAYONEEC___CTG7 323688	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG8 323689	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BAYONEEC___CTG9 323749	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	51.19 3.67 -4.34	51.29 3.71 -4.40	51.26 3.62 -4.54	60.23 3.63 -13.38	65.24 3.72 -17.76	89.42 4.49 -33.33	76.50 4.46 -18.88	70.64 3.91 -19.60	63.26 4.10 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
BEACON___LESR 323632	36.32 1.06 0.00	34.00 0.96 0.00	32.00 0.90 0.00	31.05 0.88 0.00	31.81 0.84 0.00	31.76 0.84 0.00	33.14 0.96 0.00	37.07 1.01 0.00	38.57 1.01 0.00	37.44 1.09 0.00	50.62 2.41 0.00	49.70 2.40 -0.23	49.53 2.12 -4.24	48.55 2.07 -3.30	50.30 2.07 -5.13	57.49 2.16 -12.11	67.84 2.27 -21.81	88.01 2.63 -33.78	79.12 2.71 -23.27	73.78 2.50 -24.16	63.61 2.75 -8.99	59.17 2.41 -10.49	51.25 2.51 -0.35	48.12 2.38 0.00
BEAVER RIVER___HYD 24048	34.63 -0.63 0.00	32.41 -0.63 0.00	30.53 -0.56 0.00	29.58 -0.60 0.00	30.45 -0.53 0.00	30.37 -0.56 0.00	31.60 -0.58 0.00	35.38 -0.69 0.00	36.89 -0.67 0.00	35.59 -0.77 0.00	47.29 -0.92 0.00	46.23 -0.85 -0.01	42.54 -0.78 -0.13	42.51 -0.78 -0.10	42.48 -0.77 -0.16	42.91 -0.69 -0.38	43.87 -0.57 -0.68	52.13 -0.52 -1.05	53.29 -0.58 -0.73	47.46 -0.43 -0.75	51.53 -0.62 -0.28	45.91 -0.69 -0.33	47.62 -0.78 -0.01	44.93 -0.82 0.00
BEEBEE_GT_13 23619	33.68 -1.59 0.00	31.72 -1.32 0.00	29.97 -1.12 0.00	29.03 -1.15 0.00	30.05 -0.93 0.00	29.90 -1.02 0.00	31.18 -1.00 0.00	35.09 -0.97 0.00	36.10 -1.46 0.00	34.90 -1.45 0.00	45.75 -2.46 0.00	44.36 -2.73 -0.02	41.52 -2.07 -0.41	41.39 -2.12 -0.32	41.27 -2.33 -0.50	42.29 -2.12 -1.18	44.18 -1.71 -2.13	52.88 -2.01 -3.30	53.29 -2.13 -2.27	47.55 -1.93 -2.36	50.52 -2.23 -0.88	45.18 -2.13 -1.02	46.14 -2.27 -0.03	43.64 -2.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.71 2.43 -0.01	35.23 2.18 -0.01	33.06 1.96 -0.01	32.18 1.99 -0.01	32.87 1.89 -0.01	32.84 1.92 0.00	34.36 2.19 0.00	38.37 2.31 0.00	40.19 2.63 0.00	38.97 2.62 0.00	52.36 4.15 0.00	51.75 4.47 -0.20	51.73 4.02 -4.53	52.01 4.06 -4.77	51.68 3.96 -4.62	61.40 4.02 -14.15	65.83 4.29 -17.78	91.44 5.21 -34.63	77.35 5.31 -18.89	71.36 4.62 -19.61	63.93 4.77 -7.29	59.24 4.44 -8.52	53.32 4.64 -0.29	50.01 4.25 -0.01
BETHLEHEM___GRP 23843	35.69 0.42 0.00	33.44 0.40 0.00	31.44 0.34 0.00	30.57 0.39 0.00	31.29 0.31 0.00	31.26 0.34 0.00	32.59 0.42 0.00	36.39 0.32 0.00	37.94 0.38 0.00	36.79 0.44 0.00	49.90 1.69 0.00	49.04 1.74 -0.23	48.98 1.55 -4.24	48.00 1.51 -3.30	49.74 1.51 -5.14	56.90 1.56 -12.12	67.21 1.62 -21.83	87.16 1.75 -33.81	78.29 1.86 -23.29	73.00 1.70 -24.18	62.79 1.92 -9.00	58.45 1.67 -10.50	50.52 1.79 -0.35	47.44 1.69 0.00
BETHLEHEM___GS1 323560	35.69 0.42 0.00	33.44 0.40 0.00	31.44 0.34 0.00	30.57 0.39 0.00	31.29 0.31 0.00	31.26 0.34 0.00	32.59 0.42 0.00	36.43 0.36 0.00	37.94 0.38 0.00	36.79 0.44 0.00	49.90 1.69 0.00	49.05 1.74 -0.23	48.97 1.55 -4.24	47.99 1.51 -3.30	49.74 1.51 -5.14	56.90 1.55 -12.12	67.21 1.62 -21.83	87.16 1.76 -33.81	78.29 1.86 -23.29	73.00 1.69 -24.18	62.79 1.92 -9.00	58.44 1.66 -10.50	50.53 1.79 -0.35	47.44 1.69 0.00
BETHLEHEM___GS2 323561	35.69 0.42 0.00	33.44 0.40 0.00	31.44 0.34 0.00	30.57 0.39 0.00	31.29 0.31 0.00	31.26 0.34 0.00	32.59 0.42 0.00	36.43 0.36 0.00	37.94 0.38 0.00	36.79 0.44 0.00	49.90 1.69 0.00	49.05 1.74 -0.23	48.97 1.55 -4.24	47.99 1.51 -3.30	49.74 1.51 -5.14	56.90 1.55 -12.12	67.21 1.62 -21.83	87.16 1.76 -33.81	78.29 1.86 -23.29	73.00 1.69 -24.18	62.79 1.92 -9.00	58.44 1.66 -10.50	50.53 1.79 -0.35	47.44 1.69 0.00
BETHLEHEM___GS3 323562	35.69 0.42 0.00	33.44 0.40 0.00	31.44 0.34 0.00	30.57 0.39 0.00	31.29 0.31 0.00	31.26 0.34 0.00	32.59 0.42 0.00	36.43 0.36 0.00	37.94 0.38 0.00	36.79 0.44 0.00	49.90 1.69 0.00	49.05 1.74 -0.23	48.97 1.55 -4.24	47.99 1.51 -3.30	49.74 1.51 -5.14	56.90 1.55 -12.12	67.21 1.62 -21.83	87.16 1.76 -33.81	78.29 1.86 -23.29	73.00 1.69 -24.18	62.79 1.92 -9.00	58.44 1.66 -10.50	50.53 1.79 -0.35	47.44 1.69 0.00
BETHLEHEM___STEEL 23779	33.18 -2.08 0.00	31.42 -1.62 0.00	29.79 -1.31 0.00	28.88 -1.30 0.00	30.02 -0.96 0.00	29.78 -1.14 0.00	31.11 -1.06 0.00	34.88 -1.19 0.00	35.49 -2.07 0.00	34.46 -1.89 0.00	44.40 -3.81 0.00	42.87 -4.24 -0.03	39.25 -4.49 -0.55	39.12 -4.49 -0.43	39.07 -4.70 -0.67	40.40 -4.41 -1.59	42.59 -4.03 -2.85	51.12 -4.90 -4.42	50.98 -5.21 -3.05	45.77 -4.52 -3.16	47.00 -5.14 -0.26	43.03 -4.63 -1.37	43.64 -4.79 -0.05	42.82 -2.93 0.00
BETHLHEM_115KV_TB1 79974	35.79 0.53 0.00	33.54 0.50 0.00	31.53 0.44 0.00	30.63 0.45 0.00	31.38 0.40 0.00	31.33 0.40 0.00	32.66 0.48 0.00	36.50 0.43 0.00	38.05 0.49 0.00	36.86 0.51 0.00	49.95 1.74 0.00	49.04 1.74 -0.23	48.97 1.55 -4.24	48.04 1.55 -3.30	49.78 1.55 -5.13	56.89 1.56 -12.11	67.20 1.62 -21.82	87.19 1.81 -33.79	78.33 1.91 -23.27	73.04 1.74 -24.16	62.78 1.92 -8.99	58.49 1.71 -10.49	50.52 1.79 -0.35	47.44 1.69 0.00
BETHPAGE_CC_5 323564	37.84 2.57 0.00	35.26 2.21 0.00	33.05 1.96 0.00	32.17 1.99 0.00	32.96 1.98 0.00	32.84 1.92 0.00	34.46 2.28 0.00	38.77 2.71 0.00	40.64 3.08 0.00	39.62 2.98 -0.29	52.26 4.05 0.00	51.40 4.14 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.98 3.71 -4.18	56.63 3.41 -9.99	64.99 3.54 -17.69	83.71 4.44 -27.67	76.37 4.36 -18.86	70.39 3.68 -19.59	63.67 4.51 -7.29	58.63 3.84 -8.51	52.83 4.16 -0.28	49.87 4.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.29 -1.97 0.00	31.49 -1.55 0.00	29.88 -1.21 0.00	28.97 -1.21 0.00	30.11 -0.87 0.00	29.87 -1.05 0.00	31.21 -0.97 0.00	34.98 -1.08 0.00	35.61 -1.95 0.00	34.53 -1.82 0.00	44.55 -3.66 0.00	43.01 -4.10 -0.03	39.12 -4.62 -0.56	39.04 -4.58 -0.44	38.99 -4.78 -0.68	40.33 -4.50 -1.60	42.53 -4.11 -2.89	51.07 -5.00 -4.47	50.91 -5.31 -3.08	45.66 -4.67 -3.20	46.96 -5.24 -0.33	42.95 -4.72 -1.39	43.54 -4.89 -0.05	42.96 -2.79 0.00

BINGHAMTON___COGEN 23790	35.16 -0.11 0.00	33.04 0.00 0.00	31.12 0.03 0.00	30.21 0.03 0.00	31.10 0.12 0.00	31.05 0.12 0.00	32.33 0.16 0.00	36.25 0.18 0.00	37.64 0.08 0.00	36.39 0.04 0.00	48.26 0.05 0.00	47.09 -0.05 -0.06	43.96 -0.35 -1.12	43.67 -0.39 -0.87	43.98 -0.47 -1.36	46.13 -0.30 -3.21	49.44 -0.09 -5.77	60.38 -0.15 -8.94	59.15 -0.16 -6.16	53.33 -0.19 -6.39	54.04 -0.21 -2.38	48.83 -0.23 -2.78	48.19 -0.29 -0.09	45.98 0.23 0.00
BIXINCNT_115KV_LOAD 355685	32.62 -2.64 0.00	30.99 -2.05 0.00	29.41 -1.68 0.00	28.67 -1.51 0.00	29.71 -1.27 0.00	29.44 -1.48 0.00	30.79 -1.38 0.00	34.37 -1.70 0.00	34.82 -2.74 0.00	33.70 -2.65 0.00	43.53 -4.68 0.00	42.02 -5.08 -0.03	37.68 -6.09 -0.59	37.68 -5.96 -0.46	37.56 -6.25 -0.72	38.99 -5.92 -1.69	41.25 -5.56 -3.04	49.71 -6.60 -4.72	49.38 -7.02 -3.25	44.23 -6.27 -3.37	45.58 -6.95 -0.66	41.50 -6.25 -1.46	42.00 -6.44 -0.05	42.09 -3.66 0.00
BLACK RIVER___HYD 24047	34.56 -0.71 0.00	32.35 -0.70 0.00	30.50 -0.59 0.00	29.51 -0.66 0.00	30.42 -0.56 0.00	30.34 -0.59 0.00	31.56 -0.61 0.00	35.38 -0.69 0.00	36.85 -0.71 0.00	35.52 -0.83 0.00	47.29 -0.92 -0.01	46.19 -0.90 -0.18	42.59 -0.78 -0.14	42.55 -0.78 -0.22	42.54 -0.77 -0.52	43.13 -0.61 -0.93	44.33 -0.35 -0.93	52.73 -0.31 -1.44	53.82 -0.32 -0.99	47.97 -0.19 -1.03	51.84 -0.42 -0.38	46.26 -0.46 -0.45	47.77 -0.63 -0.01	45.11 -0.64 0.00
BLACKRVR_115KV_TB2 79977	34.56 -0.71 0.00	32.35 -0.69 0.00	30.50 -0.59 0.00	29.51 -0.66 0.00	30.42 -0.56 0.00	30.34 -0.59 0.00	31.56 -0.61 0.00	35.42 -0.65 0.00	36.85 -0.71 0.00	35.52 -0.84 0.00	47.30 -0.92 -0.01	46.19 -0.89 -0.18	42.58 -0.78 -0.14	42.54 -0.78 -0.22	42.54 -0.78 -0.52	43.13 -0.61 -0.93	44.34 -0.35 -0.93	52.62 -0.41 -1.44	53.82 -0.32 -0.99	47.97 -0.19 -1.03	51.84 -0.41 -0.38	46.26 -0.46 -0.45	47.77 -0.63 -0.01	45.11 -0.64 0.00
BLISS_WT_PWR 323608	32.30 -2.96 0.00	30.70 -2.35 0.00	29.14 -1.96 0.00	28.43 -1.75 0.00	29.43 -1.55 0.00	29.19 -1.73 0.00	30.50 -1.67 0.00	34.08 -1.98 0.00	34.41 -3.15 0.00	33.30 -3.05 0.00	43.00 -5.21 0.00	41.78 -5.32 -0.03	37.25 -6.52 -0.59	37.25 -6.39 -0.46	37.13 -6.68 -0.72	38.60 -6.31 -1.69	40.81 -5.99 -3.04	49.19 -7.12 -4.72	48.90 -7.49 -3.25	43.76 -6.74 -3.37	45.11 -7.42 -0.66	41.03 -6.71 -1.46	41.51 -6.92 -0.05	41.63 -4.12 0.00
BLUESTONE___WT_PWR 323821	37.06 1.80 0.00	34.79 1.75 0.00	32.80 1.71 0.00	31.81 1.63 0.00	32.83 1.86 0.00	32.84 1.92 0.00	34.30 2.12 0.00	38.52 2.45 0.00	40.08 2.52 0.00	38.61 2.25 0.00	51.34 3.13 0.00	50.20 3.06 -0.07	46.81 2.42 -1.21	46.46 2.33 -0.94	46.81 2.24 -1.47	49.24 2.55 -3.47	52.94 2.93 -6.25	64.78 3.51 -9.67	63.43 3.62 -6.66	57.30 3.25 -6.92	57.87 3.42 -2.57	52.11 2.82 -3.00	51.24 2.76 -0.10	48.72 2.97 0.00
BLUE_CIRC_CHEM_DRP 24182	36.22 0.95 0.00	33.94 0.89 0.00	31.93 0.84 0.00	30.99 0.81 0.00	31.78 0.81 0.00	31.70 0.77 0.00	33.01 0.84 0.00	36.90 0.83 0.00	38.42 0.86 0.00	37.22 0.87 0.00	50.09 1.88 0.00	49.18 1.88 -0.23	48.99 1.64 -4.17	48.07 1.64 -3.25	49.79 1.64 -5.05	56.83 1.69 -11.92	66.98 1.75 -21.47	86.81 1.96 -33.25	78.12 2.07 -22.90	72.79 1.89 -23.77	62.85 2.13 -8.85	58.46 1.85 -10.32	50.71 1.98 -0.34	47.67 1.92 0.00
BOC_GAS_DRP 24189	36.01 0.74 0.00	33.74 0.69 0.00	31.75 0.65 0.00	30.84 0.66 0.00	31.60 0.62 0.00	31.54 0.62 0.00	32.85 0.68 0.00	36.75 0.69 0.00	38.31 0.75 0.00	37.11 0.76 0.00	49.85 1.64 0.00	49.00 1.69 -0.23	48.91 1.51 -4.22	47.98 1.51 -3.29	49.68 1.47 -5.12	56.81 1.51 -12.07	67.03 1.53 -21.74	87.02 1.75 -33.67	78.14 1.81 -23.19	72.86 1.65 -24.08	62.65 1.82 -8.96	58.36 1.62 -10.46	50.43 1.69 -0.35	47.39 1.65 0.00
BOONVILLE_115KV_TB1 79983	35.69 0.42 0.00	33.44 0.40 0.00	31.50 0.40 0.00	30.54 0.36 0.00	31.41 0.43 0.00	31.36 0.43 0.00	32.66 0.48 0.00	36.64 0.58 0.00	38.20 0.64 0.00	36.86 0.51 0.00	49.03 0.82 0.00	47.88 0.80 -0.01	43.99 0.69 -0.12	43.96 0.69 -0.09	43.93 0.69 -0.14	44.34 0.78 -0.34	45.33 0.96 -0.61	53.63 1.08 -0.94	54.97 1.17 -0.65	48.89 1.08 -0.67	53.16 1.04 -0.25	47.41 0.83 -0.29	49.22 0.82 -0.01	46.52 0.78 0.00
BORALEX_4TH_BRANCH 23824	37.21 1.94 0.00	34.83 1.78 0.00	32.74 1.65 0.00	31.81 1.63 0.00	32.59 1.61 0.00	32.56 1.64 0.00	33.98 1.80 0.00	38.01 1.95 0.00	39.66 2.10 0.00	38.39 2.04 0.00	51.39 3.18 0.00	50.50 3.20 -0.23	50.30 2.89 -4.23	49.33 2.85 -3.29	51.07 2.84 -5.12	58.17 2.85 -12.09	68.51 2.98 -21.78	88.89 3.56 -33.73	80.05 3.67 -23.23	74.50 3.25 -24.12	64.37 3.53 -8.98	59.90 3.15 -10.47	51.98 3.24 -0.35	48.86 3.11 0.00
BOWLINE___1 23526	36.89 1.62 0.00	34.50 1.45 0.00	32.37 1.28 0.00	31.48 1.30 0.00	32.22 1.24 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.76 1.70 0.00	39.44 1.88 0.00	38.06 1.71 0.00	51.25 3.04 0.00	50.46 3.20 -0.18	49.48 2.94 -3.36	48.77 2.94 -2.65	50.03 2.89 -4.05	55.71 2.85 -9.63	63.91 2.98 -17.17	81.91 3.56 -26.76	75.08 3.62 -18.31	69.30 3.16 -19.01	62.32 3.37 -7.08	57.54 3.01 -8.26	51.80 3.14 -0.27	48.68 2.93 0.00
BOWLINE___2 23595	36.89 1.62 0.00	34.50 1.45 0.00	32.37 1.28 0.00	31.51 1.33 0.00	32.22 1.24 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.76 1.70 0.00	39.44 1.88 0.00	38.10 1.74 0.00	51.25 3.04 0.00	50.46 3.20 -0.18	49.48 2.94 -3.36	48.81 2.98 -2.65	50.03 2.89 -4.05	55.75 2.90 -9.63	63.95 3.02 -17.17	81.92 3.56 -26.76	75.08 3.62 -18.31	69.30 3.16 -19.02	62.32 3.37 -7.08	57.59 3.05 -8.26	51.80 3.14 -0.27	48.68 2.93 0.00
BRADY___115KV_TB2 356060	35.48 0.21 0.00	33.18 0.13 0.00	31.19 0.09 0.00	30.21 0.03 0.00	31.01 0.03 0.00	30.92 0.00 0.00	32.11 -0.06 0.00	36.07 0.00 0.00	37.37 -0.19 0.00	36.17 -0.18 0.00	47.49 -0.72 0.00	46.55 -0.52 0.00	42.71 -0.47 0.00	42.71 -0.47 0.00	42.67 -0.43 0.00	42.53 -0.69 0.00	42.97 -0.79 0.00	50.82 -0.77 0.00	52.40 -0.74 0.00	46.52 -0.61 0.00	51.09 -0.78 0.00	45.45 -0.83 0.00	47.56 -0.82 0.00	44.88 -0.87 0.00
BRANSCOMB___SOLAR 323811	37.06 1.80 0.00	34.66 1.62 0.00	32.68 1.58 0.00	31.72 1.54 0.00	32.49 1.52 0.00	32.41 1.48 0.00	33.72 1.54 0.00	37.80 1.73 0.00	39.33 1.77 0.00	38.06 1.71 0.00	50.91 2.70 0.00	49.90 2.59 -0.24	49.82 2.29 -4.35	48.81 2.24 -3.39	50.61 2.24 -5.27	58.08 2.42 -12.43	68.78 2.63 -22.40	89.43 3.15 -34.68	80.22 3.19 -23.89	74.76 2.83 -24.80	64.21 3.11 -9.23	59.92 2.87 -10.77	51.65 2.90 -0.36	48.63 2.88 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.23 2.96 0.00	35.55 2.51 0.00	33.36 2.27 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.72 2.54 0.00	38.99 2.92 0.00	40.98 3.42 0.00	39.99 3.34 -0.29	52.60 4.39 0.00	51.73 4.47 -0.19	50.72 4.06 -3.48	50.09 4.15 -2.76	51.24 3.96 -4.18	57.06 3.85 -9.99	65.47 4.03 -17.69	84.33 5.06 -27.67	76.95 4.94 -18.86	70.82 4.10 -19.59	64.45 5.29 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.23 4.48 0.00

BRISTLHL_115KV_TB1 79998	34.21 -1.06 0.00	32.08 -0.96 0.00	30.22 -0.87 0.00	29.33 -0.85 0.00	30.17 -0.81 0.00	30.12 -0.80 0.00	31.31 -0.87 0.00	35.13 -0.94 0.00	36.58 -0.98 0.00	35.41 -0.95 0.00	47.05 -1.16 0.00	45.91 -1.18 -0.01	42.38 -1.08 -0.28	42.27 -1.12 -0.21	42.22 -1.21 -0.33	42.93 -1.08 -0.79	44.26 -0.92 -1.42	52.71 -1.08 -2.20	53.54 -1.12 -1.51	47.71 -0.99 -1.57	51.42 -1.04 -0.58	46.04 -0.93 -0.68	47.39 -1.02 -0.02	44.83 -0.91 0.00
BROOKHAVEN___DRP 24191	38.30 3.03 0.00	35.62 2.58 0.00	33.43 2.33 0.00	32.50 2.32 0.00	33.33 2.35 0.00	33.18 2.26 0.00	34.81 2.64 0.00	39.02 2.96 0.00	41.05 3.49 0.00	40.06 3.42 -0.29	52.65 4.44 0.00	51.73 4.47 -0.19	50.72 4.06 -3.48	50.09 4.15 -2.76	51.24 3.96 -4.18	57.10 3.89 -9.99	65.30 3.85 -17.69	84.28 5.00 -27.67	76.90 4.89 -18.86	70.72 4.01 -19.59	64.66 5.50 -7.29	59.04 4.26 -8.51	53.12 4.45 -0.28	50.32 4.57 0.00
BROOKLYN_NAVY_YARD 23515	37.17 1.90 0.00	34.73 1.68 0.00	32.59 1.49 0.00	31.72 1.54 0.00	32.40 1.43 0.00	32.41 1.48 0.00	33.94 1.77 0.00	38.12 2.05 0.00	39.89 2.33 0.00	38.61 2.25 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.32 3.80 -4.34	51.38 3.80 -4.40	51.38 3.75 -4.54	60.32 3.72 -13.38	65.37 3.85 -17.76	89.58 4.65 -33.33	76.60 4.57 -18.88	70.69 3.96 -19.60	63.31 4.15 -7.29	58.54 3.75 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00
BROOKLYN___ARMY_DRP 323595	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01
BROOKVLE_69_KV_TB1 55790	37.84 2.57 0.00	35.26 2.21 0.00	33.08 1.99 0.00	32.17 1.99 0.00	32.96 1.98 0.00	32.84 1.92 0.00	34.39 2.22 0.00	38.63 2.56 0.00	40.56 3.00 0.00	39.62 2.98 -0.29	52.31 4.10 0.00	51.50 4.24 -0.19	50.55 3.89 -3.48	49.87 3.93 -2.76	51.07 3.79 -4.18	56.89 3.67 -9.99	65.30 3.85 -17.69	84.12 4.85 -27.67	76.80 4.78 -18.86	70.77 4.05 -19.59	63.93 4.77 -7.29	58.86 4.07 -8.51	52.93 4.26 -0.28	49.91 4.16 0.00
BROOME_2_LFGE 323671	35.16 -0.11 0.00	33.04 0.00 0.00	31.12 0.03 0.00	30.21 0.03 0.00	31.10 0.12 0.00	31.05 0.12 0.00	32.34 0.16 0.00	36.28 0.22 0.00	37.64 0.08 0.00	36.39 0.04 0.00	48.26 0.05 0.00	47.13 0.00 -0.06	43.96 -0.35 -1.12	43.71 -0.35 -0.87	43.98 -0.47 -1.36	46.13 -0.30 -3.21	49.44 -0.09 -5.77	60.38 -0.15 -8.94	59.15 -0.16 -6.16	53.33 -0.19 -6.39	54.09 -0.16 -2.38	48.83 -0.23 -2.78	48.19 -0.29 -0.09	45.98 0.23 0.00
BROOME___LFGE 323600	35.16 -0.11 0.00	33.04 0.00 0.00	31.12 0.03 0.00	30.21 0.03 0.00	31.10 0.12 0.00	31.05 0.12 0.00	32.34 0.16 0.00	36.28 0.22 0.00	37.64 0.08 0.00	36.39 0.04 0.00	48.26 0.05 0.00	47.13 0.00 -0.06	43.96 -0.35 -1.12	43.71 -0.35 -0.87	43.98 -0.47 -1.36	46.13 -0.30 -3.21	49.44 -0.09 -5.77	60.38 -0.15 -8.94	59.15 -0.16 -6.16	53.33 -0.19 -6.39	54.09 -0.16 -2.38	48.83 -0.23 -2.78	48.19 -0.29 -0.09	45.98 0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	34.38 -0.88 0.00	32.15 -0.89 0.00	30.25 -0.84 0.00	29.30 -0.88 0.00	30.11 -0.87 0.00	30.00 -0.93 0.00	31.18 -1.00 0.00	35.02 -1.05 0.00	36.36 -1.20 0.00	35.15 -1.20 0.00	46.48 -1.74 0.00	45.52 -1.55 -0.01	41.85 -1.42 -0.09	41.79 -1.47 -0.07	41.79 -1.42 -0.11	41.98 -1.51 -0.26	42.75 -1.49 -0.48	50.68 -1.65 -0.74	52.01 -1.65 -0.51	46.24 -1.41 -0.53	50.36 -1.71 -0.20	44.89 -1.62 -0.23	46.75 -1.65 -0.01	44.05 -1.69 0.00
BROWNSV1_27_KV_LOAD 356125	37.45 2.19 0.00	34.96 1.92 0.00	32.83 1.74 0.00	31.96 1.78 0.00	32.65 1.67 0.00	32.66 1.73 0.00	34.20 2.03 0.00	38.30 2.24 0.00	40.15 2.59 0.00	38.90 2.54 0.00	52.31 4.10 0.00	51.65 4.38 -0.20	51.53 4.02 -4.34	51.64 4.06 -4.40	51.64 4.01 -4.54	60.58 3.98 -13.38	65.68 4.16 -17.76	89.88 4.95 -33.33	77.03 5.00 -18.88	71.07 4.34 -19.60	63.73 4.56 -7.29	58.91 4.12 -8.51	52.97 4.31 -0.28	49.68 3.93 0.00
BURROWS___LYONSDAL 23803	35.48 0.21 0.00	33.24 0.20 0.00	31.31 0.22 0.00	30.36 0.18 0.00	31.22 0.25 0.00	31.17 0.25 0.00	32.43 0.26 0.00	36.39 0.32 0.00	37.94 0.38 0.00	36.61 0.25 0.00	48.69 0.48 0.00	47.55 0.47 -0.01	43.73 0.43 -0.12	43.66 0.39 -0.09	43.63 0.39 -0.15	44.09 0.52 -0.35	45.04 0.66 -0.62	53.34 0.77 -0.97	54.66 0.85 -0.66	48.62 0.80 -0.69	52.85 0.73 -0.26	47.14 0.56 -0.30	48.88 0.48 -0.01	46.20 0.46 0.00
CAITHNESS_CC_1 323624	38.19 2.93 0.00	35.52 2.48 0.00	33.33 2.24 0.00	32.41 2.23 0.00	33.24 2.26 0.00	33.09 2.16 0.00	34.78 2.60 0.00	39.13 3.06 0.00	40.98 3.42 0.00	39.95 3.31 -0.29	52.60 4.39 0.00	51.64 4.38 -0.19	50.63 3.97 -3.48	49.96 4.02 -2.76	51.20 3.92 -4.18	56.97 3.76 -9.99	65.21 3.76 -17.69	84.12 4.85 -27.67	76.74 4.73 -18.86	70.62 3.91 -19.59	64.50 5.34 -7.29	58.90 4.12 -8.51	53.02 4.36 -0.28	50.18 4.44 0.00
CALPINE BETH_PAGE_GT4 24209	37.84 2.57 0.00	35.26 2.21 0.00	33.05 1.96 0.00	32.17 1.99 0.00	32.93 1.95 0.00	32.84 1.92 0.00	34.33 2.16 0.00	38.55 2.49 0.00	40.49 2.93 0.00	39.55 2.91 -0.29	52.12 3.91 0.00	51.31 4.05 -0.19	50.37 3.71 -3.48	49.70 3.76 -2.76	50.90 3.62 -4.18	56.72 3.50 -9.99	65.08 3.63 -17.69	83.81 4.54 -27.67	76.48 4.46 -18.86	70.49 3.77 -19.59	63.78 4.62 -7.29	58.72 3.93 -8.51	52.83 4.16 -0.28	49.86 4.12 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.84 2.57 0.00	35.26 2.21 0.00	33.05 1.96 0.00	32.17 1.99 0.00	32.93 1.95 0.00	32.84 1.92 0.00	34.46 2.28 0.00	38.77 2.71 0.00	40.64 3.08 0.00	39.62 2.98 -0.29	52.26 4.05 0.00	51.40 4.14 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.98 3.71 -4.18	56.71 3.50 -9.99	65.08 3.63 -17.69	83.81 4.54 -27.67	76.48 4.46 -18.86	70.49 3.77 -19.59	63.77 4.61 -7.29	58.72 3.93 -8.51	52.83 4.16 -0.28	49.87 4.12 0.00
CALPINE_BP_GT1 23823	37.84 2.57 0.00	35.26 2.21 0.00	33.05 1.96 0.00	32.17 1.99 0.00	32.93 1.95 0.00	32.84 1.92 0.00	34.46 2.28 0.00	38.77 2.71 0.00	40.64 3.08 0.00	39.62 2.98 -0.29	52.26 4.05 0.00	51.40 4.14 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.98 3.71 -4.18	56.71 3.50 -9.99	65.08 3.63 -17.69	83.81 4.54 -27.67	76.48 4.46 -18.86	70.49 3.77 -19.59	63.77 4.61 -7.29	58.72 3.93 -8.51	52.83 4.16 -0.28	49.87 4.12 0.00
CALSPAN___DRP 24200	33.18 -2.08 0.00	31.42 -1.62 0.00	29.79 -1.31 0.00	28.88 -1.30 0.00	30.02 -0.96 0.00	29.78 -1.14 0.00	31.11 -1.06 0.00	34.88 -1.19 0.00	35.49 -2.07 0.00	34.46 -1.89 0.00	44.40 -3.81 0.00	42.87 -4.24 -0.03	39.25 -4.49 -0.55	39.12 -4.49 -0.43	39.07 -4.70 -0.67	40.40 -4.41 -1.59	42.59 -4.03 -2.85	51.12 -4.90 -4.42	50.98 -5.21 -3.05	45.77 -4.52 -3.16	47.00 -5.14 -0.26	43.03 -4.63 -1.37	43.64 -4.79 -0.05	42.82 -2.93 0.00

CALVERTON___SOLAR 323806	38.44 3.18 0.00	35.75 2.71 0.00	33.52 2.43 0.00	32.62 2.44 0.00	33.45 2.48 0.00	33.30 2.38 0.00	34.97 2.80 0.00	39.38 3.32 0.00	41.24 3.68 0.00	40.21 3.56 -0.29	52.89 4.68 0.00	51.97 4.71 -0.19	50.85 4.19 -3.48	50.22 4.28 -2.76	51.45 4.18 -4.18	57.23 4.02 -9.99	65.43 3.98 -17.69	84.43 5.16 -27.67	77.06 5.05 -18.86	70.86 4.15 -19.59	64.92 5.76 -7.29	59.18 4.40 -8.51	53.31 4.65 -0.28	50.50 4.76 0.00
CANDIGU_WT_PWR 323617	33.93 -1.34 0.00	32.02 -1.02 0.00	30.32 -0.78 0.00	29.45 -0.72 0.00	30.45 -0.53 0.00	30.34 -0.59 0.00	31.60 -0.58 0.00	35.42 -0.65 0.00	36.40 -1.16 0.00	35.19 -1.16 0.00	46.04 -2.17 0.00	44.86 -2.26 -0.04	41.18 -2.76 -0.76	41.01 -2.76 -0.59	41.05 -2.97 -0.92	42.77 -2.64 -2.18	45.37 -2.32 -3.93	54.80 -2.89 -6.09	54.36 -2.98 -4.19	48.84 -2.64 -4.35	45.62 -2.95 3.30	45.39 -2.78 -1.89	45.55 -2.90 -0.06	44.10 -1.65 0.00
CARR STREET_E_SYR 24060	34.52 -0.74 0.00	32.38 -0.66 0.00	30.50 -0.59 0.00	29.60 -0.57 0.00	30.45 -0.53 0.00	30.40 -0.53 0.00	31.63 -0.55 0.00	35.53 -0.54 0.00	36.92 -0.64 0.00	35.70 -0.65 0.00	47.44 -0.77 0.00	46.29 -0.80 -0.02	42.76 -0.73 -0.32	42.65 -0.78 -0.25	42.62 -0.86 -0.38	43.39 -0.74 -0.90	44.81 -0.57 -1.62	53.44 -0.67 -2.51	54.19 -0.69 -1.73	48.27 -0.66 -1.80	51.86 -0.68 -0.67	46.46 -0.60 -0.78	47.73 -0.68 -0.03	45.15 -0.60 0.00
CARTHAGE___PAPER 23857	34.56 -0.71 0.00	32.35 -0.70 0.00	30.47 -0.62 0.00	29.51 -0.66 0.00	30.36 -0.62 0.00	30.31 -0.62 0.00	31.53 -0.64 0.00	35.34 -0.72 0.00	36.81 -0.75 0.00	35.52 -0.83 0.00	47.20 -1.01 -0.01	46.09 -0.99 -0.16	42.48 -0.86 -0.13	42.44 -0.82 -0.20	42.47 -0.82 -0.46	42.95 -0.74 -0.83	44.02 -0.57 -1.29	52.37 -0.52 -0.89	53.50 -0.53 -0.89	47.63 -0.43 -0.92	51.59 -0.62 -0.34	45.99 -0.69 -0.40	47.58 -0.82 -0.01	44.88 -0.87 0.00
CASSADAGA_WT_PWR 323784	33.33 -1.94 0.00	31.32 -1.72 0.00	29.79 -1.30 0.00	29.15 -1.03 0.00	30.11 -0.87 0.00	29.75 -1.18 0.00	31.21 -0.96 0.00	34.62 -1.44 0.00	35.31 -2.25 0.00	34.24 -2.11 0.00	44.02 -4.19 0.00	42.73 -4.38 -0.03	38.54 -5.23 -0.59	38.37 -5.27 -0.46	38.38 -5.43 -0.71	39.72 -5.19 -1.69	41.98 -4.81 -3.04	50.52 -5.78 -4.70	50.33 -6.06 -3.24	45.12 -5.37 -3.36	46.56 -5.91 -0.60	42.33 -5.41 -1.46	42.87 -5.56 -0.05	42.91 -2.84 0.00
CE_DUNWOOD___DRP 24194	37.10 1.83 0.00	34.66 1.62 0.00	32.52 1.43 0.00	31.66 1.48 0.00	32.37 1.39 0.00	32.35 1.42 0.00	33.85 1.67 0.00	37.94 1.88 0.00	39.70 2.14 0.00	38.42 2.07 0.00	51.63 3.42 -0.19	50.84 3.58 -3.46	49.93 3.28 -2.74	49.25 3.33 -4.17	50.54 3.28 -4.17	56.41 3.24 -9.94	64.77 3.37 -17.64	83.24 4.08 -27.57	76.05 4.09 -18.81	70.20 3.53 -19.53	62.93 3.79 -7.27	58.14 3.38 -8.48	52.20 3.53 -0.28	49.04 3.29 0.00
CE_MILLWOOD___DRP 24193	37.03 1.76 0.00	34.60 1.55 0.00	32.49 1.40 0.00	31.60 1.42 0.00	32.31 1.33 0.00	32.28 1.36 0.00	33.78 1.61 0.00	37.87 1.80 0.00	39.63 2.07 0.00	38.31 1.96 0.00	51.49 3.28 -0.19	50.74 3.48 -3.44	49.82 3.20 -2.72	49.10 3.20 -4.14	50.39 3.15 -9.88	56.26 3.16 -17.56	64.60 3.28 -27.41	82.92 3.92 -18.73	75.81 3.93 -18.73	70.01 3.44 -19.44	62.79 3.68 -7.24	58.01 3.29 -8.44	52.05 3.39 -0.28	48.90 3.16 0.00
CE_NYC2_DRP 24202	37.46 2.19 -0.01	34.97 1.92 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.66 1.73 0.00	34.17 1.99 0.00	38.19 2.13 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.80 3.84 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
CE_NYC_DRP 24195	37.24 1.97 0.00	34.76 1.72 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.23 3.76 -4.30	51.26 3.76 -4.32	51.33 3.71 -4.52	60.11 3.67 -13.22	65.33 3.81 -17.76	89.20 4.54 -33.07	76.55 4.52 -18.88	70.69 3.96 -19.60	63.36 4.20 -7.29	58.59 3.80 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00
CHAFFEE___LFGE 323603	33.29 -1.97 0.00	31.49 -1.55 0.00	29.85 -1.24 0.00	28.97 -1.21 0.00	30.08 -0.90 0.00	29.87 -1.05 0.00	31.18 -1.00 0.00	34.98 -1.08 0.00	35.61 -1.95 0.00	34.57 -1.78 0.00	44.55 -3.67 0.00	43.29 -3.81 -0.03	39.26 -4.49 -0.57	39.18 -4.45 -0.45	39.09 -4.70 -0.69	40.45 -4.41 -1.64	42.73 -3.98 -2.95	51.26 -4.90 -4.57	51.14 -5.15 -3.15	45.87 -4.52 -3.27	47.25 -5.08 -0.46	43.07 -4.63 -1.42	43.69 -4.74 -0.05	42.96 -2.79 0.00
CHATEAUG_35_KV_LOAD 355732	34.88 -0.39 0.00	32.28 -0.76 0.00	30.13 -0.96 0.00	29.12 -1.06 0.00	29.83 -1.15 0.00	29.90 -1.02 0.00	30.82 -1.35 0.00	34.77 -1.30 0.00	36.51 -1.05 0.00	35.55 -0.80 0.00	46.96 -1.25 0.00	46.51 -0.56 0.00	42.40 -0.78 0.00	42.10 -1.08 0.00	41.76 -1.34 0.00	41.19 -2.03 0.00	41.57 -2.19 0.00	49.33 -2.27 0.00	50.70 -2.44 0.00	45.01 -2.12 0.00	49.43 -2.44 0.00	43.87 -2.41 0.00	46.01 -2.37 0.00	43.51 -2.24 0.00
CHATEAUG_WT_PWR 323614	34.81 -0.46 0.00	32.15 -0.89 0.00	29.98 -1.12 0.00	28.97 -1.21 0.00	29.64 -1.33 0.00	29.78 -1.14 0.00	30.63 -1.54 0.00	34.41 -1.66 0.00	36.28 -1.28 0.00	35.41 -0.95 0.00	46.81 -1.40 0.00	46.32 -0.75 0.00	42.23 -0.95 0.00	41.93 -1.25 0.00	41.59 -1.51 0.00	40.97 -2.25 0.00	41.35 -2.41 0.00	49.02 -2.58 0.00	50.38 -2.77 0.00	44.73 -2.40 0.00	49.12 -2.75 0.00	43.60 -2.69 0.00	45.72 -2.66 0.00	43.32 -2.43 0.00
CHAT_HIGH_FALL_HYD 323578	34.88 -0.39 0.00	32.28 -0.76 0.00	30.13 -0.96 0.00	29.12 -1.06 0.00	29.83 -1.15 0.00	29.90 -1.02 0.00	30.82 -1.35 0.00	34.77 -1.30 0.00	36.51 -1.05 0.00	35.55 -0.80 0.00	46.96 -1.25 0.00	46.51 -0.56 0.00	42.40 -0.78 0.00	42.10 -1.08 0.00	41.76 -1.34 0.00	41.19 -2.03 0.00	41.57 -2.19 0.00	49.33 -2.27 0.00	50.70 -2.44 0.00	45.01 -2.12 0.00	49.43 -2.44 0.00	43.87 -2.41 0.00	46.01 -2.37 0.00	43.51 -2.24 0.00
CHAUTAUQUA___LFGE 323629	33.47 -1.80 0.00	31.62 -1.42 0.00	30.00 -1.09 0.00	29.15 -1.03 0.00	30.26 -0.71 0.00	30.00 -0.93 0.00	31.34 -0.84 0.00	35.06 -1.01 0.00	35.72 -1.84 0.00	34.68 -1.67 0.00	44.69 -3.52 0.00	43.43 -3.67 -0.03	39.49 -4.28 -0.58	39.36 -4.28 -0.45	39.32 -4.48 -0.70	40.69 -4.19 -1.66	42.93 -3.81 -2.98	51.57 -4.64 -4.62	51.39 -4.94 -3.18	46.10 -4.34 -3.30	47.49 -4.82 -0.44	43.32 -4.40 -1.43	43.93 -4.50 -0.05	43.23 -2.52 0.00
CHERRYST_13_KV_LD 356241	37.31 2.05 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.84 1.66 0.00	32.56 1.58 0.00	32.56 1.64 0.00	34.07 1.90 0.00	38.19 2.13 0.00	40.00 2.44 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.36 3.89 -4.30	51.39 3.89 -4.32	51.46 3.84 -4.52	60.24 3.80 -13.22	65.46 3.94 -17.76	89.36 4.70 -33.07	76.71 4.68 -18.88	70.83 4.10 -19.60	63.47 4.31 -7.29	58.73 3.93 -8.51	52.73 4.06 -0.28	49.50 3.75 0.00

CHESTROR_138KV_BK263 355645	36.68 1.41 0.00	34.30 1.26 0.00	32.21 1.12 0.00	31.33 1.15 0.00	32.06 1.08 0.00	32.01 1.08 0.00	33.46 1.29 0.00	37.44 1.37 0.00	39.14 1.58 0.00	37.84 1.49 0.00	50.77 2.56 0.00	49.93 2.68 -0.17	48.85 2.46 -3.20	48.14 2.46 -2.49	49.39 2.41 -3.88	54.80 2.42 -9.16	62.79 2.54 -16.49	80.19 3.04 -25.54	73.82 3.08 -17.59	68.08 2.69 -18.27	61.52 2.85 -6.80	56.80 2.59 -7.93	51.36 2.71 -0.26	48.31 2.56 0.00
CH_MIDHUDSON___DRP 24192	37.35 2.08 0.00	34.89 1.85 0.00	32.77 1.68 0.00	31.84 1.66 0.00	32.56 1.58 0.00	32.50 1.58 0.00	33.94 1.77 0.00	37.94 1.88 0.00	39.74 2.18 0.00	38.39 2.04 0.00	51.44 3.23 0.00	50.60 3.34 -0.19	49.54 2.89 -3.46	48.82 2.94 -2.70	50.22 2.93 -4.20	56.07 2.94 -9.91	64.79 3.19 -17.84	83.15 3.92 -27.63	76.16 3.99 -19.03	70.38 3.49 -19.76	62.85 3.63 -7.35	58.10 3.24 -8.58	52.15 3.48 -0.29	49.13 3.39 0.00
CH_MISC_IPPS 23765	37.31 2.04 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.78 1.60 0.00	32.52 1.55 0.00	32.44 1.51 0.00	33.88 1.70 0.00	37.94 1.87 0.00	39.62 2.06 0.00	38.31 1.96 0.00	51.34 3.13 0.00	50.55 3.29 -0.19	49.50 2.89 -3.43	48.75 2.89 -2.67	50.14 2.89 -4.15	55.92 2.90 -9.80	64.52 3.11 -17.66	82.76 3.82 -27.35	75.92 3.93 -18.84	70.12 3.44 -19.56	62.72 3.58 -7.28	58.01 3.24 -8.49	52.05 3.39 -0.28	49.04 3.30 0.00
CH_RES_BVR_FALLS 23983	35.06 -0.21 0.00	32.81 -0.23 0.00	30.84 -0.25 0.00	29.91 -0.27 0.00	30.70 -0.28 0.00	30.64 -0.28 0.00	31.85 -0.32 0.00	35.67 -0.40 0.00	37.18 -0.38 0.00	36.02 -0.33 0.00	47.54 -0.68 0.00	46.46 -0.61 0.00	42.62 -0.56 0.00	42.62 -0.56 0.00	42.53 -0.56 0.00	42.58 -0.65 0.00	42.97 -0.79 0.00	50.72 -0.88 0.00	52.24 -0.90 0.00	46.37 -0.76 0.00	50.99 -0.88 0.00	45.49 -0.79 0.00	47.61 -0.78 0.00	44.97 -0.78 0.00
CH_RES_NIAGARA 23895	31.77 -3.49 0.00	30.23 -2.81 0.00	28.54 -2.55 0.00	27.64 -2.53 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.79 -2.38 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.33 -5.88 0.00	41.12 -5.98 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.28 -5.40 -1.46	41.31 -5.08 -2.62	49.28 -6.40 -4.08	49.32 -6.65 -2.81	44.30 -5.75 -2.92	45.77 -6.49 -0.38	41.76 -5.79 -1.27	42.47 -5.95 -0.04	40.81 -4.94 0.00
CH_RES_SYRACUSE 23985	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.41 0.00	29.76 -0.42 0.00	30.61 -0.37 0.00	30.58 -0.34 0.00	31.79 -0.38 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.92 -0.43 0.00	47.73 -0.48 0.00	46.62 -0.47 -0.02	43.06 -0.56 -0.35	42.89 -0.56 -0.27	42.92 -0.60 -0.43	43.75 -0.47 -1.00	45.26 -0.30 -1.81	54.04 -0.36 -2.80	54.71 -0.37 -1.93	48.80 -0.33 -2.00	52.31 -0.31 -0.75	46.87 -0.28 -0.87	48.02 -0.39 -0.03	45.47 -0.27 0.00
CLINTON_WT_PWR 323605	34.81 -0.46 0.00	32.15 -0.89 0.00	29.98 -1.12 0.00	28.97 -1.21 0.00	29.64 -1.33 0.00	29.78 -1.14 0.00	30.63 -1.54 0.00	34.41 -1.66 0.00	36.28 -1.28 0.00	35.41 -0.95 0.00	46.81 -1.40 0.00	46.32 -0.75 0.00	42.23 -0.95 0.00	41.93 -1.25 0.00	41.59 -1.51 0.00	40.97 -2.25 0.00	41.35 -2.41 0.00	49.02 -2.58 0.00	50.38 -2.77 0.00	44.73 -2.40 0.00	49.12 -2.75 0.00	43.60 -2.69 0.00	45.72 -2.66 0.00	43.32 -2.43 0.00
CLINTON___LFGE 323618	35.34 0.07 0.00	32.65 -0.40 0.00	30.47 -0.62 0.00	29.43 -0.75 0.00	30.14 -0.83 0.00	30.24 -0.68 0.00	30.98 -1.19 0.00	34.91 -1.16 0.00	36.77 -0.79 0.00	35.84 -0.51 0.00	47.34 -0.87 0.00	46.93 -0.14 0.00	42.83 -0.35 0.00	42.49 -0.69 0.00	42.15 -0.95 0.00	41.45 -1.77 0.00	41.83 -1.92 0.00	49.74 -1.86 0.00	51.18 -1.97 0.00	45.43 -1.69 0.00	49.85 -2.02 0.00	44.20 -2.08 0.00	46.50 -1.89 0.00	44.01 -1.74 0.00
COBBLENY_34_KV_TB1 80064	33.29 -1.97 0.00	31.49 -1.55 0.00	29.85 -1.24 0.00	28.97 -1.21 0.00	30.08 -0.90 0.00	29.87 -1.05 0.00	31.21 -0.97 0.00	34.98 -1.08 0.00	35.61 -1.95 0.00	34.57 -1.78 0.00	44.60 -3.62 0.00	43.06 -4.05 -0.03	39.26 -4.49 -0.57	39.18 -4.45 -0.45	39.14 -4.65 -0.69	40.45 -4.41 -1.64	42.72 -3.98 -2.95	51.32 -4.85 -4.57	51.14 -5.16 -3.15	45.87 -4.52 -3.27	47.25 -5.08 -0.46	43.12 -4.58 -1.42	43.69 -4.74 -0.05	42.96 -2.79 0.00
COFFEEN___115KV_TB3 355620	34.74 -0.53 0.00	32.51 -0.53 0.00	30.66 -0.44 0.00	29.67 -0.51 0.00	30.57 -0.40 0.00	30.49 -0.43 0.00	31.72 -0.45 0.00	35.63 -0.43 0.00	37.03 -0.53 0.00	35.66 -0.69 0.00	47.54 -0.67 0.00	46.42 -0.66 -0.01	42.80 -0.56 -0.18	42.81 -0.52 -0.14	42.80 -0.52 -0.22	43.40 -0.35 -0.52	44.61 -0.09 -0.94	53.01 -0.05 -1.46	54.21 0.05 -1.01	48.32 0.14 -1.05	52.21 -0.05 -0.39	46.60 -0.14 -0.45	48.06 -0.34 -0.02	45.38 -0.37 0.00
COLDSPRG_115KV_BK1 355956	34.21 -1.06 0.00	32.28 -0.76 0.00	30.63 -0.47 0.00	29.82 -0.36 0.00	30.91 -0.06 0.00	30.65 -0.28 0.00	32.08 -0.10 0.00	35.71 -0.36 0.00	36.51 -1.05 0.00	35.48 -0.87 0.00	45.75 -2.46 0.00	44.19 -2.92 -0.03	39.56 -4.23 -0.61	39.42 -4.23 -0.47	39.39 -4.44 -0.73	40.81 -4.15 -1.73	43.07 -3.81 -3.12	51.94 -4.49 -4.83	51.64 -4.84 -3.33	46.30 -4.29 -3.46	48.06 -4.67 -0.86	43.48 -4.30 -1.50	44.03 -4.40 -0.05	44.33 -1.42 0.00
COLONIE_LFGE___ 323577	36.64 1.37 0.00	34.30 1.26 0.00	32.27 1.18 0.00	31.35 1.18 0.00	32.12 1.15 0.00	32.07 1.14 0.00	33.43 1.25 0.00	37.44 1.37 0.00	38.95 1.39 0.00	37.73 1.38 0.00	50.57 2.36 0.00	49.71 2.40 -0.23	49.59 2.12 -4.30	48.64 2.12 -3.35	50.41 2.11 -5.21	57.67 2.16 -12.29	68.16 2.27 -22.13	88.55 2.68 -34.27	79.46 2.71 -23.61	74.09 2.45 -24.51	63.64 2.64 -9.12	59.33 2.41 -10.64	51.21 2.47 -0.35	48.12 2.38 0.00
COOPERNY_115KV_TB1 80082	36.32 1.06 0.00	34.00 0.96 0.00	31.96 0.87 0.00	31.05 0.88 0.00	31.84 0.87 0.00	31.79 0.87 0.00	33.17 1.00 0.00	37.15 1.08 0.00	38.80 1.24 0.00	37.51 1.16 0.00	50.19 1.98 0.00	49.33 2.12 -0.14	47.69 1.90 -2.61	47.11 1.90 -2.03	48.11 1.85 -3.16	52.54 1.86 -7.46	59.17 1.97 -13.44	74.78 2.37 -20.81	69.87 2.39 -14.33	64.13 2.12 -14.88	59.64 2.23 -5.54	54.73 1.99 -6.46	50.68 2.08 -0.22	47.71 1.97 0.00
COPENHAGEN_WT_PWR 323753	34.52 -0.74 0.00	32.35 -0.70 0.00	30.47 -0.62 0.00	29.51 -0.66 0.00	30.39 -0.59 0.00	30.31 -0.62 0.00	31.53 -0.64 0.00	35.34 -0.72 0.00	36.81 -0.75 0.00	35.48 -0.87 0.00	47.25 -0.96 0.00	46.19 -0.90 -0.01	42.60 -0.78 -0.19	42.55 -0.78 -0.15	42.55 -0.77 -0.23	43.12 -0.65 -0.54	44.29 -0.44 -0.97	52.69 -0.41 -1.51	53.76 -0.43 -1.04	47.93 -0.28 -1.08	51.80 -0.47 -0.40	46.24 -0.51 -0.47	47.72 -0.68 -0.02	45.06 -0.68 0.00
CORNELL_____ 23752	35.65 0.39 0.00	33.44 0.40 0.00	31.50 0.40 0.00	30.57 0.39 0.00	31.47 0.50 0.00	31.48 0.56 0.00	32.79 0.61 0.00	36.79 0.72 0.00	38.24 0.68 0.00	36.90 0.55 0.00	48.98 0.77 0.00	47.77 0.66 -0.04	44.43 0.47 -0.78	44.18 0.39 -0.60	44.38 0.34 -0.94	46.01 0.56 -2.22	48.63 0.88 -4.00	58.87 1.08 -6.19	58.58 1.17 -4.26	52.55 0.99 -4.43	54.91 1.09 -1.95	49.04 0.83 -1.92	49.22 0.77 -0.06	46.71 0.96 0.00

CORONA__69_KV_TB1 355595	37.73 2.47 0.00	35.19 2.15 0.00	32.99 1.90 0.00	32.11 1.93 0.00	32.87 1.89 0.00	32.78 1.86 0.00	34.33 2.16 0.00	38.52 2.45 0.00	40.45 2.89 0.00	39.51 2.87 -0.29	52.26 4.05 0.00	51.45 4.19 -0.19	50.50 3.84 -3.48	49.83 3.89 -2.76	51.02 3.75 -4.18	56.85 3.63 -9.99	65.25 3.81 -17.69	83.97 4.70 -27.67	76.69 4.68 -18.86	70.67 3.96 -19.59	63.78 4.62 -7.29	58.77 3.98 -8.51	52.83 4.16 -0.28	49.82 4.07 0.00
CORTLAND__115KV_TB3 80093	35.41 0.14 0.00	33.21 0.17 0.00	31.28 0.19 0.00	30.36 0.18 0.00	31.22 0.25 0.00	31.20 0.28 0.00	32.50 0.32 0.00	36.43 0.36 0.00	37.90 0.34 0.00	36.61 0.25 0.00	48.64 0.43 0.00	47.44 0.33 -0.03	43.98 0.17 -0.63	43.80 0.13 -0.49	43.94 0.09 -0.76	45.28 0.26 -1.80	47.48 0.48 -3.24	57.18 0.57 -5.01	57.19 0.58 -3.45	51.23 0.52 -3.59	53.78 0.57 -1.33	48.30 0.46 -1.56	48.82 0.39 -0.05	46.34 0.59 0.00
COXSACKIE__GT 23611	37.24 1.97 0.00	34.79 1.75 0.00	32.71 1.62 0.00	31.69 1.51 0.00	32.49 1.52 0.00	32.35 1.42 0.00	33.62 1.45 0.00	37.44 1.37 0.00	38.80 1.24 0.00	37.66 1.31 0.00	50.57 2.36 0.00	49.60 2.31 -0.22	48.75 1.55 -4.01	47.82 1.51 -3.12	49.59 1.64 -4.86	56.42 1.73 -11.47	66.47 2.06 -20.66	86.22 2.63 -31.99	77.94 2.76 -22.03	72.55 2.54 -22.88	63.03 2.64 -8.51	58.57 2.36 -9.93	51.52 2.81 -0.33	48.77 3.02 0.00
CPV_VALLEY__CC1 323721	36.43 1.16 0.00	34.10 1.06 0.00	32.03 0.93 0.00	31.12 0.94 0.00	31.87 0.90 0.00	31.82 0.90 0.00	33.27 1.09 0.00	37.25 1.19 0.00	38.87 1.31 0.00	37.59 1.24 0.00	50.48 2.27 0.00	49.63 2.40 -0.16	48.33 2.16 -2.99	47.72 2.20 -2.33	48.84 2.11 -3.63	53.90 2.12 -8.56	61.41 2.23 -15.42	78.16 2.68 -23.89	72.31 2.71 -16.45	66.56 2.36 -17.08	60.77 2.54 -6.36	55.96 2.27 -7.42	51.00 2.37 -0.25	47.94 2.20 0.00
CPV_VALLEY__CC2 323722	36.43 1.16 0.00	34.10 1.06 0.00	32.03 0.93 0.00	31.12 0.94 0.00	31.87 0.90 0.00	31.82 0.90 0.00	33.27 1.09 0.00	37.25 1.19 0.00	38.87 1.31 0.00	37.59 1.24 0.00	50.48 2.27 0.00	49.63 2.40 -0.16	48.33 2.16 -2.99	47.72 2.20 -2.33	48.84 2.11 -3.63	53.90 2.12 -8.56	61.41 2.23 -15.42	78.16 2.68 -23.89	72.31 2.71 -16.45	66.56 2.36 -17.08	60.77 2.54 -6.36	55.96 2.27 -7.42	51.00 2.37 -0.25	47.94 2.20 0.00
CRESCENT__HYD 24018	36.64 1.37 0.00	34.30 1.26 0.00	32.27 1.18 0.00	31.35 1.18 0.00	32.12 1.15 0.00	32.07 1.14 0.00	33.43 1.25 0.00	37.44 1.37 0.00	38.95 1.39 0.00	37.73 1.38 0.00	50.57 2.36 0.00	49.71 2.40 -0.23	49.59 2.12 -4.30	48.64 2.12 -3.35	50.41 2.11 -5.21	57.67 2.16 -12.29	68.16 2.27 -22.13	88.55 2.68 -34.27	79.46 2.71 -23.61	74.09 2.45 -24.51	63.64 2.64 -9.12	59.33 2.41 -10.64	51.21 2.47 -0.35	48.12 2.38 0.00
CRICKET__VALLEY_CC1 323756	36.89 1.62 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.25 1.27 0.00	32.22 1.30 0.00	33.65 1.48 0.00	37.73 1.66 0.00	39.40 1.84 0.00	38.10 1.74 0.00	51.25 3.04 0.00	50.43 3.15 -0.20	49.73 2.89 -3.66	48.92 2.89 -2.85	50.37 2.84 -4.43	56.53 2.85 -10.45	65.56 2.98 -18.83	84.27 3.51 -29.16	76.79 3.56 -20.08	71.09 3.11 -20.85	63.00 3.37 -7.76	58.34 3.01 -9.05	51.83 3.14 -0.30	48.68 2.93 0.00
CRICKET__VALLEY_CC2 323757	36.89 1.62 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.25 1.27 0.00	32.22 1.30 0.00	33.65 1.48 0.00	37.73 1.66 0.00	39.40 1.84 0.00	38.10 1.74 0.00	51.25 3.04 0.00	50.43 3.15 -0.20	49.73 2.89 -3.66	48.92 2.89 -2.85	50.37 2.84 -4.43	56.53 2.85 -10.45	65.56 2.98 -18.83	84.27 3.51 -29.16	76.79 3.56 -20.08	71.09 3.11 -20.85	63.00 3.37 -7.76	58.34 3.01 -9.05	51.83 3.14 -0.30	48.68 2.93 0.00
CRICKET__VALLEY_CC3 323758	36.89 1.62 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.25 1.27 0.00	32.22 1.30 0.00	33.65 1.48 0.00	37.73 1.66 0.00	39.40 1.84 0.00	38.10 1.74 0.00	51.25 3.04 0.00	50.43 3.15 -0.20	49.73 2.89 -3.66	48.92 2.89 -2.85	50.37 2.84 -4.43	56.53 2.85 -10.45	65.56 2.98 -18.83	84.27 3.51 -29.16	76.79 3.56 -20.08	71.09 3.11 -20.85	63.00 3.37 -7.76	58.34 3.01 -9.05	51.83 3.14 -0.30	48.68 2.93 0.00
CRUCIBLE__METL_DRP 24180	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.76 -0.42 0.00	30.60 -0.37 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.73 -0.48 0.00	46.57 -0.52 0.00	43.06 -0.47 -0.35	42.89 -0.56 -0.27	42.92 -0.60 -0.43	43.75 -0.48 -1.00	45.26 -0.31 -1.81	54.04 -0.36 -2.80	54.70 -0.37 -1.93	48.80 -0.33 -2.00	52.30 -0.31 -0.75	46.87 -0.28 -0.87	48.03 -0.39 -0.03	45.47 -0.27 0.00
DAHOWA__HYDRO 323763	37.17 1.90 0.00	34.76 1.72 0.00	32.77 1.68 0.00	31.81 1.63 0.00	32.62 1.64 0.00	32.50 1.58 0.00	33.78 1.61 0.00	37.90 1.84 0.00	39.40 1.84 0.00	38.17 1.82 0.00	51.01 2.80 0.00	49.99 2.68 -0.24	49.91 2.37 -4.36	48.86 2.29 -3.39	50.70 2.33 -5.28	58.19 2.51 -12.46	68.91 2.71 -22.44	89.66 3.31 -34.75	80.38 3.30 -23.94	74.95 2.97 -24.85	64.34 3.22 -9.25	60.08 3.01 -10.79	51.79 3.05 -0.36	48.77 3.02 0.00
DANC__LFGE 323619	34.42 -0.85 0.00	32.28 -0.76 0.00	30.41 -0.68 0.00	29.49 -0.69 0.00	30.32 -0.65 0.00	30.24 -0.68 0.00	31.44 -0.74 0.00	35.27 -0.79 0.00	36.70 -0.86 0.00	35.44 -0.91 0.00	47.15 -1.06 0.00	46.09 -0.99 -0.01	42.54 -0.86 -0.22	42.45 -0.91 -0.17	42.46 -0.91 -0.27	43.08 -0.78 -0.63	44.28 -0.61 -1.14	52.69 -0.67 -1.77	53.67 -0.69 -1.22	47.83 -0.56 -1.26	51.66 -0.68 -0.47	46.23 -0.60 -0.55	47.63 -0.78 -0.02	45.01 -0.73 0.00
DANSKAMMER__1 23586	37.31 2.04 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.78 1.60 0.00	32.52 1.55 0.00	32.44 1.51 0.00	33.88 1.70 0.00	37.94 1.87 0.00	39.62 2.06 0.00	38.31 1.96 0.00	51.34 3.13 0.00	50.55 3.29 -0.19	49.50 2.89 -3.43	48.75 2.89 -2.67	50.14 2.89 -4.15	55.92 2.90 -9.80	64.52 3.11 -17.66	82.76 3.82 -27.35	75.92 3.93 -18.84	70.12 3.44 -19.56	62.72 3.58 -7.28	58.01 3.24 -8.49	52.05 3.39 -0.28	49.04 3.30 0.00
DANSKAMMER__2 23589	37.31 2.04 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.78 1.60 0.00	32.52 1.55 0.00	32.44 1.51 0.00	33.88 1.70 0.00	37.94 1.87 0.00	39.62 2.06 0.00	38.31 1.96 0.00	51.34 3.13 0.00	50.55 3.29 -0.19	49.50 2.89 -3.43	48.75 2.89 -2.67	50.14 2.89 -4.15	55.92 2.90 -9.80	64.52 3.11 -17.66	82.76 3.82 -27.35	75.92 3.93 -18.84	70.12 3.44 -19.56	62.72 3.58 -7.28	58.01 3.24 -8.49	52.05 3.39 -0.28	49.04 3.30 0.00
DANSKAMMER__3 23590	37.31 2.04 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.78 1.60 0.00	32.52 1.55 0.00	32.44 1.51 0.00	33.88 1.70 0.00	37.94 1.87 0.00	39.62 2.06 0.00	38.31 1.96 0.00	51.34 3.13 0.00	50.55 3.29 -0.19	49.50 2.89 -3.43	48.75 2.89 -2.67	50.14 2.89 -4.15	55.92 2.90 -9.80	64.52 3.11 -17.66	82.76 3.82 -27.35	75.92 3.93 -18.84	70.12 3.44 -19.56	62.72 3.58 -7.28	58.01 3.24 -8.49	52.05 3.39 -0.28	49.04 3.30 0.00

DANSKAMMER___4 23591	37.31 2.04 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.78 1.60 0.00	32.52 1.55 0.00	32.44 1.51 0.00	33.88 1.70 0.00	37.94 1.87 0.00	39.62 2.06 0.00	38.31 1.96 0.00	51.34 3.13 0.00	50.55 3.29 -0.19	49.50 2.89 -3.43	48.75 2.89 -2.67	50.14 2.89 -4.15	55.92 2.90 -9.80	64.52 3.11 -17.66	82.76 3.82 -27.35	75.92 3.93 -18.84	70.12 3.44 -19.56	62.72 3.58 -7.28	58.01 3.24 -8.49	52.05 3.39 -0.28	49.04 3.30 0.00
DANSKAMMER___DIESEL 23592	37.31 2.05 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.78 1.60 0.00	32.52 1.55 0.00	32.44 1.52 0.00	33.88 1.71 0.00	37.87 1.80 0.00	39.66 2.10 0.00	38.31 1.96 0.00	51.39 3.18 0.00	50.55 3.30 -0.19	49.50 2.89 -3.43	48.75 2.89 -2.67	50.14 2.89 -4.15	55.92 2.90 -9.80	64.52 3.11 -17.66	82.82 3.87 -27.35	75.92 3.93 -18.84	70.13 3.44 -19.56	62.73 3.58 -7.28	57.97 3.19 -8.49	52.05 3.39 -0.28	49.04 3.29 0.00
DARBY___SOLAR 323810	37.10 1.83 0.00	34.69 1.65 0.00	32.71 1.62 0.00	31.75 1.57 0.00	32.52 1.55 0.00	32.44 1.51 0.00	33.75 1.58 0.00	37.83 1.77 0.00	39.33 1.77 0.00	38.10 1.74 0.00	50.96 2.75 0.00	49.99 2.68 -0.24	49.90 2.37 -4.35	48.86 2.29 -3.39	50.69 2.33 -5.27	58.12 2.46 -12.43	68.78 2.63 -22.40	89.48 3.20 -34.69	80.23 3.19 -23.89	74.81 2.88 -24.80	64.27 3.16 -9.23	59.92 2.87 -10.77	51.70 2.95 -0.36	48.68 2.93 0.00
DASHVILLE___HYD 23610	36.85 1.59 0.00	34.46 1.42 0.00	32.34 1.24 0.00	31.42 1.24 0.00	32.15 1.18 0.00	32.10 1.18 0.00	33.49 1.32 0.00	37.44 1.37 0.00	39.21 1.65 0.00	37.88 1.53 0.00	50.72 2.51 0.00	49.95 2.68 -0.19	48.71 1.99 -3.54	47.97 2.03 -2.76	49.37 1.98 -4.29	55.30 1.95 -10.13	64.11 2.10 -18.25	82.49 2.63 -28.26	75.27 2.66 -19.47	69.65 2.31 -20.21	61.73 2.33 -7.52	57.14 2.08 -8.78	51.29 2.61 -0.29	48.45 2.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.04 3.77 0.00	36.28 3.24 0.00	34.05 2.95 0.00	33.11 2.93 0.00	33.98 3.00 0.00	33.80 2.88 0.00	35.46 3.28 0.00	39.78 3.71 0.00	41.88 4.32 0.00	40.90 4.25 -0.29	53.66 5.45 0.00	52.72 5.46 -0.19	51.58 4.92 -3.48	50.91 4.97 -2.76	52.10 4.83 -4.18	58.01 4.80 -9.99	66.22 4.77 -17.69	85.46 6.19 -27.67	78.07 6.06 -18.86	71.76 5.04 -19.59	65.95 6.80 -7.29	60.02 5.23 -8.51	54.18 5.52 -0.28	51.33 5.58 0.00
DELAWARE___LFGE 323621	36.32 1.06 0.00	34.10 1.06 0.00	32.09 0.99 0.00	31.14 0.97 0.00	32.00 1.02 0.00	31.94 1.02 0.00	33.30 1.13 0.00	37.29 1.23 0.00	38.87 1.31 0.00	37.59 1.24 0.00	50.14 1.93 0.00	49.08 1.93 -0.08	46.37 1.68 -1.51	46.00 1.64 -1.17	46.52 1.59 -1.83	49.22 1.69 -4.31	53.36 1.84 -7.77	65.74 2.12 -12.03	63.66 2.23 -8.28	57.71 1.98 -8.60	57.20 2.13 -3.20	51.87 1.85 -3.73	50.40 1.89 -0.12	47.67 1.92 0.00
DERFIELD_115KV_TB7 355931	35.44 0.18 0.00	33.21 0.17 0.00	31.25 0.16 0.00	30.36 0.18 0.00	31.13 0.15 0.00	31.08 0.15 0.00	32.33 0.16 0.00	36.25 0.18 0.00	37.75 0.19 0.00	36.53 0.18 0.00	48.64 0.43 0.00	47.50 0.42 0.00	43.57 0.39 0.00	43.57 0.39 0.00	43.48 0.39 0.00	43.66 0.43 0.00	44.19 0.44 0.00	52.11 0.52 0.00	53.68 0.53 0.00	47.60 0.47 0.00	52.39 0.52 0.00	46.74 0.46 0.00	48.87 0.48 0.00	46.20 0.46 0.00
DOGLEVILLE___HYD 23807	35.48 0.21 0.00	33.28 0.23 0.00	31.31 0.22 0.00	30.30 0.12 0.00	31.04 0.06 0.00	30.92 0.00 0.00	32.17 0.00 0.00	36.17 0.11 0.00	37.82 0.26 0.00	36.57 0.22 0.00	48.74 0.53 0.00	47.73 0.66 0.00	43.61 0.43 0.00	43.53 0.34 0.00	43.36 0.26 0.00	43.57 0.34 0.00	44.07 0.31 0.00	51.96 0.36 0.00	53.52 0.37 0.00	47.46 0.33 0.00	52.24 0.37 0.00	46.56 0.28 0.00	48.68 0.29 0.00	46.02 0.28 0.00
DUNKIRK___115KV_TB_200 55889	33.47 -1.80 0.00	31.62 -1.42 0.00	30.00 -1.09 0.00	29.15 -1.03 0.00	30.23 -0.74 0.00	30.00 -0.93 0.00	31.37 -0.80 0.00	35.06 -1.01 0.00	35.72 -1.84 0.00	34.68 -1.67 0.00	44.74 -3.47 0.00	43.15 -3.95 -0.03	39.48 -4.28 -0.58	39.40 -4.23 -0.45	39.36 -4.44 -0.70	40.68 -4.19 -1.65	42.93 -3.81 -2.98	51.62 -4.59 -4.61	51.43 -4.89 -3.18	46.14 -4.29 -3.30	47.52 -4.77 -0.43	43.36 -4.35 -1.43	43.93 -4.50 -0.05	43.19 -2.56 0.00
DUNKIRK___1 23563	33.47 -1.80 0.00	31.62 -1.42 0.00	30.00 -1.09 0.00	29.15 -1.03 0.00	30.23 -0.74 0.00	30.00 -0.93 0.00	31.37 -0.80 0.00	35.06 -1.01 0.00	35.72 -1.84 0.00	34.68 -1.67 0.00	44.74 -3.47 0.00	43.15 -3.95 -0.03	39.48 -4.28 -0.58	39.40 -4.23 -0.45	39.36 -4.44 -0.70	40.68 -4.19 -1.65	42.93 -3.81 -2.98	51.62 -4.59 -4.61	51.43 -4.89 -3.18	46.14 -4.29 -3.30	47.52 -4.77 -0.43	43.36 -4.35 -1.43	43.93 -4.50 -0.05	43.19 -2.56 0.00
DUNKIRK___2 23564	33.47 -1.80 0.00	31.62 -1.42 0.00	30.00 -1.09 0.00	29.15 -1.03 0.00	30.23 -0.74 0.00	30.00 -0.93 0.00	31.37 -0.80 0.00	35.06 -1.01 0.00	35.72 -1.84 0.00	34.68 -1.67 0.00	44.74 -3.47 0.00	43.15 -3.95 -0.03	39.48 -4.28 -0.58	39.40 -4.23 -0.45	39.36 -4.44 -0.70	40.68 -4.19 -1.65	42.93 -3.81 -2.98	51.62 -4.59 -4.61	51.43 -4.89 -3.18	46.14 -4.29 -3.30	47.52 -4.77 -0.43	43.36 -4.35 -1.43	43.93 -4.50 -0.05	43.19 -2.56 0.00
DUNKIRK___3 23565	33.43 -1.83 0.00	31.59 -1.45 0.00	29.97 -1.12 0.00	29.09 -1.09 0.00	30.20 -0.77 0.00	29.96 -0.96 0.00	31.31 -0.87 0.00	35.02 -1.05 0.00	35.72 -1.84 0.00	34.68 -1.67 0.00	44.74 -3.47 0.00	43.24 -3.86 -0.03	39.49 -4.28 -0.58	39.40 -4.23 -0.45	39.36 -4.44 -0.70	40.69 -4.19 -1.65	42.89 -3.85 -2.98	51.57 -4.64 -4.61	51.38 -4.94 -3.18	46.09 -4.34 -3.30	47.37 -4.88 -0.38	43.32 -4.40 -1.43	43.88 -4.55 -0.05	43.14 -2.61 0.00
DUNKIRK___4 23566	33.36 -1.90 0.00	31.56 -1.49 0.00	29.91 -1.18 0.00	29.06 -1.12 0.00	30.17 -0.81 0.00	29.93 -0.99 0.00	31.27 -0.90 0.00	34.98 -1.08 0.00	35.64 -1.92 0.00	34.61 -1.74 0.00	44.64 -3.57 0.00	43.10 -4.00 -0.03	39.39 -4.36 -0.57	39.30 -4.32 -0.44	39.26 -4.53 -0.69	40.56 -4.28 -1.62	42.78 -3.89 -2.91	51.41 -4.70 -4.51	51.26 -5.00 -3.11	45.97 -4.38 -3.23	47.23 -4.93 -0.29	43.24 -4.44 -1.40	43.83 -4.60 -0.05	43.09 -2.65 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.13 1.87 0.00	34.70 1.65 0.00	32.55 1.46 0.00	31.69 1.51 0.00	32.40 1.42 0.00	32.38 1.45 0.00	33.88 1.71 0.00	37.98 1.91 0.00	39.78 2.22 0.00	38.50 2.14 0.00	51.73 3.52 0.00	50.98 3.72 -0.19	50.07 3.45 -3.44	49.31 3.45 -2.68	50.66 3.40 -4.16	56.42 3.37 -9.82	65.00 3.54 -17.69	83.23 4.23 -27.40	76.22 4.20 -18.87	70.40 3.68 -19.59	63.05 3.89 -7.29	58.31 3.52 -8.51	52.30 3.63 -0.28	49.09 3.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.96 1.69 0.00	34.53 1.49 0.00	32.43 1.34 0.00	31.51 1.33 0.00	32.25 1.27 0.00	32.19 1.27 0.00	33.62 1.45 0.00	37.62 1.55 0.00	39.36 1.80 0.00	38.02 1.67 0.00	51.06 2.84 0.00	50.22 2.97 -0.18	49.15 2.63 -3.34	48.41 2.63 -2.60	49.72 2.59 -4.04	55.36 2.59 -9.54	63.74 2.80 -17.18	81.61 3.41 -26.61	74.93 3.45 -18.33	69.17 3.02 -19.03	62.12 3.16 -7.08	57.37 2.82 -8.26	51.66 3.00 -0.27	48.63 2.88 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.60 2.33 -0.01	35.10 2.05 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.84 1.86 -0.01	32.81 1.89 0.00	34.30 2.12 0.00	38.16 2.09 0.00	39.85 2.29 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.28 4.00 -0.20	50.30 3.63 -3.49	49.58 3.63 -2.77	50.86 3.58 -4.19	56.81 3.59 -10.00	65.22 3.76 -17.70	83.78 4.49 -27.69	76.61 4.57 -18.89	70.74 4.01 -19.61	63.31 4.15 -7.29	58.64 3.84 -8.52	52.64 3.97 -0.29	49.60 3.84 -0.01
E179THST_13_KV_LOAD 356214	37.71 2.43 -0.01	35.23 2.18 -0.01	33.06 1.96 -0.01	32.18 1.99 -0.01	32.93 1.95 -0.01	32.93 2.01 0.00	34.43 2.25 0.00	38.30 2.24 0.00	40.00 2.44 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.46 4.19 -0.20	50.47 3.80 -3.49	49.79 3.84 -2.77	51.03 3.75 -4.19	57.03 3.80 -10.00	65.44 3.98 -17.70	84.04 4.75 -27.69	76.87 4.84 -18.89	70.98 4.24 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.74 3.98 -0.01
EAST HAMPTON___GT 23717	39.39 4.12 0.00	36.61 3.57 0.00	34.36 3.26 0.00	33.41 3.23 0.00	34.29 3.32 0.00	34.11 3.19 0.00	35.84 3.67 0.00	40.43 4.36 0.00	42.37 4.81 0.00	41.30 4.65 -0.29	54.29 6.07 0.00	53.24 5.98 -0.19	52.01 5.35 -3.48	51.29 5.35 -2.76	52.57 5.30 -4.18	58.44 5.23 -9.99	66.74 5.29 -17.69	86.14 6.86 -27.67	78.76 6.75 -18.86	72.37 5.65 -19.59	66.63 7.47 -7.29	60.57 5.78 -8.51	54.72 6.05 -0.28	51.88 6.13 0.00
EAST RIVER___6 23660	37.38 2.12 0.00	34.93 1.88 0.00	32.80 1.71 0.00	31.90 1.72 0.00	32.62 1.64 0.00	32.59 1.67 0.00	34.17 2.00 0.00	38.34 2.27 0.00	40.12 2.56 0.00	38.86 2.51 0.00	52.31 4.10 0.00	51.60 4.33 -0.20	51.49 4.02 -4.30	51.56 4.06 -4.32	51.58 3.96 -4.52	60.41 3.97 -13.22	65.54 4.02 -17.76	89.36 4.69 -33.07	76.71 4.68 -18.88	70.83 4.10 -19.60	63.46 4.30 -7.29	58.68 3.89 -8.51	52.68 4.01 -0.28	49.41 3.66 0.00
EAST RIVER___7 23524	37.38 2.12 0.00	34.93 1.88 0.00	32.80 1.71 0.00	31.90 1.72 0.00	32.62 1.64 0.00	32.59 1.67 0.00	34.17 2.00 0.00	38.34 2.27 0.00	40.12 2.56 0.00	38.86 2.51 0.00	52.31 4.10 0.00	51.60 4.33 -0.20	51.49 4.02 -4.30	51.56 4.06 -4.32	51.58 3.96 -4.52	60.41 3.97 -13.22	65.54 4.02 -17.76	89.36 4.69 -33.07	76.71 4.68 -18.88	70.83 4.10 -19.60	63.46 4.30 -7.29	58.68 3.89 -8.51	52.68 4.01 -0.28	49.41 3.66 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.10 1.83 0.00	34.66 1.62 0.00	32.52 1.43 0.00	31.66 1.48 0.00	32.37 1.39 0.00	32.35 1.42 0.00	33.85 1.67 0.00	37.94 1.88 0.00	39.70 2.14 0.00	38.42 2.07 0.00	51.63 3.42 0.00	50.84 3.58 -0.19	49.93 3.28 -3.46	49.25 3.33 -2.74	50.54 3.28 -4.17	56.41 3.24 -9.94	64.77 3.37 -17.64	83.24 4.08 -27.57	76.05 4.09 -18.81	70.20 3.53 -19.53	62.93 3.79 -7.27	58.14 3.38 -8.48	52.20 3.53 -0.28	49.04 3.29 0.00
EAST_HAMPTON___DIESEL 23722	39.42 4.16 0.00	36.65 3.60 0.00	34.36 3.26 0.00	33.44 3.26 0.00	34.29 3.32 0.00	34.11 3.19 0.00	35.84 3.67 0.00	40.43 4.36 0.00	42.37 4.81 0.00	41.30 4.65 -0.29	54.29 6.07 0.00	53.24 5.98 -0.19	52.01 5.35 -3.48	51.34 5.40 -2.76	52.62 5.34 -4.18	58.44 5.23 -9.99	66.78 5.34 -17.69	86.14 6.86 -27.67	78.82 6.80 -18.86	72.37 5.65 -19.59	66.68 7.52 -7.29	60.62 5.83 -8.51	54.72 6.05 -0.28	51.88 6.13 0.00
EAST_PULASKI___ESR 323781	34.38 -0.88 0.00	32.25 -0.79 0.00	30.38 -0.72 0.00	29.45 -0.72 0.00	30.33 -0.65 0.00	30.21 -0.71 0.00	31.40 -0.77 0.00	35.24 -0.83 0.00	36.70 -0.86 0.00	35.44 -0.91 0.00	47.20 -1.01 0.00	46.10 -0.99 -0.01	42.53 -0.91 -0.25	42.47 -0.91 -0.20	42.41 -0.99 -0.31	43.12 -0.82 -0.72	44.31 -0.74 -1.30	52.73 -0.88 -2.01	53.68 -0.85 -1.38	47.76 -0.80 -1.44	51.63 -0.78 -0.53	46.21 -0.69 -0.62	47.63 -0.77 -0.02	45.02 -0.73 0.00
EAST_RIVER___1 323558	37.24 1.97 0.00	34.76 1.72 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.16 2.09 0.00	39.93 2.37 0.00	38.64 2.29 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.23 3.75 -4.30	51.26 3.75 -4.32	51.33 3.71 -4.52	60.11 3.67 -13.22	65.32 3.80 -17.76	89.21 4.54 -33.07	76.54 4.51 -18.88	70.69 3.96 -19.60	63.36 4.20 -7.29	58.59 3.80 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00
EAST_RIVER___2 323559	37.38 2.12 0.00	34.93 1.88 0.00	32.80 1.71 0.00	31.90 1.72 0.00	32.62 1.64 0.00	32.59 1.67 0.00	34.17 2.00 0.00	38.34 2.27 0.00	40.12 2.56 0.00	38.86 2.51 0.00	52.31 4.10 0.00	51.60 4.33 -0.20	51.49 4.02 -4.30	51.56 4.06 -4.32	51.58 3.96 -4.52	60.41 3.97 -13.22	65.54 4.02 -17.76	89.36 4.69 -33.07	76.71 4.68 -18.88	70.83 4.10 -19.60	63.46 4.30 -7.29	58.68 3.89 -8.51	52.68 4.01 -0.28	49.41 3.66 0.00
EAST___DELAWARE_HYD 23607	37.35 2.08 0.00	34.89 1.85 0.00	32.77 1.68 0.00	31.81 1.63 0.00	32.59 1.61 0.00	32.53 1.61 0.00	33.94 1.77 0.00	37.98 1.91 0.00	39.66 2.10 0.00	38.31 1.96 0.00	51.20 2.99 0.00	50.35 3.11 -0.17	49.01 2.72 -3.10	48.32 2.72 -2.42	49.57 2.72 -3.76	54.82 2.72 -8.87	62.75 3.02 -15.97	80.10 3.76 -24.74	74.01 3.83 -17.04	68.17 3.35 -17.69	61.93 3.48 -6.58	57.06 3.10 -7.68	51.93 3.29 -0.26	49.00 3.25 0.00
EIGHT_POINT___WT_PWR 323820	34.24 -1.02 0.00	32.35 -0.70 0.00	30.63 -0.47 0.00	29.76 -0.42 0.00	30.79 -0.18 0.00	30.64 -0.28 0.00	31.85 -0.32 0.00	35.74 -0.33 0.00	36.70 -0.86 0.00	35.41 -0.95 0.00	46.38 -1.83 0.00	45.14 -1.98 -0.04	41.34 -2.55 -0.71	41.14 -2.59 -0.55	41.15 -2.80 -0.85	42.82 -2.42 -2.02	45.42 -1.97 -3.63	54.85 -2.37 -5.63	54.58 -2.44 -3.88	48.94 -2.21 -4.02	53.80 -2.44 -4.37	45.67 -2.36 -1.75	45.98 -2.47 -0.06	44.51 -1.23 0.00
ELBRIDGE_115KV_TB2 80188	34.52 -0.74 0.00	32.42 -0.63 0.00	30.53 -0.56 0.00	29.64 -0.54 0.00	30.48 -0.50 0.00	30.43 -0.49 0.00	31.66 -0.51 0.00	35.52 -0.54 0.00	36.96 -0.60 0.00	35.73 -0.62 0.00	47.44 -0.77 0.00	46.25 -0.85 -0.02	42.78 -0.78 -0.37	42.65 -0.82 -0.29	42.68 -0.86 -0.45	43.55 -0.73 -1.06	45.10 -0.57 -1.92	53.89 -0.67 -2.97	54.50 -0.69 -2.04	48.64 -0.61 -2.12	52.04 -0.62 -0.79	46.60 -0.60 -0.92	47.74 -0.68 -0.03	45.20 -0.55 0.00
ELEC_TRO_TEK 24086	37.59 2.33 0.00	35.03 1.98 0.00	32.87 1.77 0.00	31.96 1.78 0.00	32.74 1.77 0.00	32.66 1.73 0.00	34.17 1.99 0.00	38.37 2.31 0.00	40.26 2.70 0.00	39.33 2.69 -0.29	51.97 3.76 0.00	51.17 3.91 -0.19	50.24 3.58 -3.48	49.61 3.67 -2.76	50.77 3.49 -4.18	56.63 3.41 -9.99	64.99 3.54 -17.69	83.71 4.44 -27.67	76.37 4.36 -18.86	70.39 3.68 -19.59	63.52 4.36 -7.29	58.53 3.75 -8.51	52.59 3.92 -0.28	49.54 3.80 0.00
ELLENBURG_WT_PWR 323604	34.81 -0.46 0.00	32.15 -0.89 0.00	29.98 -1.12 0.00	28.97 -1.21 0.00	29.64 -1.33 0.00	29.78 -1.14 0.00	30.63 -1.54 0.00	34.41 -1.66 0.00	36.28 -1.28 0.00	35.41 -0.95 0.00	46.81 -1.40 0.00	46.32 -0.75 0.00	42.23 -0.95 0.00	41.93 -1.25 0.00	41.59 -1.51 0.00	40.97 -2.25 0.00	41.35 -2.41 0.00	49.02 -2.58 0.00	50.38 -2.77 0.00	44.73 -2.40 0.00	49.12 -2.75 0.00	43.60 -2.69 0.00	45.72 -2.66 0.00	43.32 -2.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.94 -2.33 0.00	31.16 -1.88 0.00	29.54 -1.55 0.00	28.64 -1.54 0.00	29.77 -1.21 0.00	29.53 -1.39 0.00	30.85 -1.32 0.00	34.62 -1.44 0.00	35.19 -2.37 0.00	34.17 -2.18 0.00	44.02 -4.19 0.00	42.49 -4.61 -0.03	39.15 -4.58 -0.54	39.03 -4.58 -0.42	38.97 -4.78 -0.66	40.28 -4.50 -1.55	42.44 -4.11 -2.80	50.93 -5.00 -4.33	50.82 -5.31 -2.98	45.56 -4.67 -3.10	46.84 -5.24 -0.20	42.91 -4.72 -1.35	43.54 -4.89 -0.04	42.41 -3.34 0.00
EMPIRE_CC_1 323656	36.25 0.99 0.00	33.97 0.92 0.00	31.93 0.84 0.00	31.02 0.84 0.00	31.78 0.80 0.00	31.73 0.80 0.00	33.11 0.93 0.00	36.93 0.86 0.00	38.50 0.94 0.00	37.26 0.91 0.00	50.09 1.88 0.00	49.23 1.93 -0.22	49.00 1.73 -4.09	48.10 1.73 -3.19	49.78 1.73 -4.96	56.61 1.68 -11.71	66.55 1.70 -21.08	86.21 1.96 -32.65	77.66 2.02 -22.49	72.27 1.79 -23.35	62.58 2.02 -8.69	58.18 1.76 -10.14	50.71 1.98 -0.34	47.62 1.88 0.00
EMPIRE_CC_2 323658	36.25 0.99 0.00	33.97 0.92 0.00	31.93 0.84 0.00	31.02 0.84 0.00	31.78 0.80 0.00	31.73 0.80 0.00	33.11 0.93 0.00	36.93 0.86 0.00	38.50 0.94 0.00	37.26 0.91 0.00	50.09 1.88 0.00	49.23 1.93 -0.22	49.00 1.73 -4.09	48.10 1.73 -3.19	49.78 1.73 -4.96	56.61 1.68 -11.71	66.55 1.70 -21.08	86.21 1.96 -32.65	77.66 2.02 -22.49	72.27 1.79 -23.35	62.58 2.02 -8.69	58.18 1.76 -10.14	50.71 1.98 -0.34	47.62 1.88 0.00
ENORWICH_115KV_TB1 80156	37.24 1.97 0.00	34.99 1.95 0.00	32.99 1.90 0.00	31.99 1.81 0.00	33.14 2.17 0.00	33.21 2.29 0.00	34.78 2.61 0.00	39.10 3.03 0.00	40.64 3.08 0.00	39.04 2.69 0.00	51.83 3.62 0.00	50.52 3.39 -0.06	46.98 2.72 -1.08	46.57 2.55 -0.84	46.86 2.46 -1.31	49.20 2.90 -3.08	52.81 3.50 -5.55	64.27 4.08 -8.59	63.42 4.36 -5.92	57.18 3.91 -6.14	58.36 4.05 -2.44	52.23 3.29 -2.67	51.67 3.19 -0.09	49.13 3.39 0.00
ERIE_ST__34_KV_TB1-2 80199	33.64 -1.62 0.00	31.82 -1.22 0.00	30.19 -0.90 0.00	29.27 -0.91 0.00	30.42 -0.56 0.00	30.21 -0.71 0.00	31.53 -0.64 0.00	35.31 -0.76 0.00	36.02 -1.54 0.00	34.97 -1.38 0.00	45.13 -3.09 0.00	43.57 -3.53 -0.03	38.99 -4.75 -0.56	38.91 -4.71 -0.44	38.86 -4.91 -0.68	40.16 -4.67 -1.60	42.35 -4.29 -2.88	50.91 -5.16 -4.47	50.75 -5.47 -3.08	45.52 -4.81 -3.20	46.85 -5.39 -0.38	42.81 -4.86 -1.39	43.45 -4.98 -0.05	43.51 -2.24 0.00
ERIE_WT_PWR 323693	33.22 -2.05 0.00	31.42 -1.62 0.00	29.79 -1.30 0.00	28.91 -1.27 0.00	30.02 -0.96 0.00	29.81 -1.11 0.00	31.11 -1.06 0.00	34.91 -1.16 0.00	35.53 -2.03 0.00	34.46 -1.89 0.00	44.40 -3.81 0.00	43.15 -3.95 -0.03	39.24 -4.49 -0.55	39.17 -4.45 -0.43	39.11 -4.66 -0.67	40.40 -4.41 -1.59	42.63 -3.98 -2.85	51.12 -4.90 -4.42	51.04 -5.15 -3.05	45.77 -4.52 -3.16	47.00 -5.14 -0.26	43.03 -4.63 -1.37	43.69 -4.74 -0.05	42.82 -2.93 0.00
ESPRGFLD_115KV_TB1 80157	36.92 1.66 0.00	34.66 1.62 0.00	32.62 1.52 0.00	31.63 1.45 0.00	32.52 1.55 0.00	32.47 1.55 0.00	33.88 1.71 0.00	37.91 1.84 0.00	39.51 1.95 0.00	38.21 1.85 0.00	50.77 2.56 0.00	49.52 2.45 0.00	45.31 2.07 -0.06	45.25 2.03 -0.04	45.19 2.03 -0.07	45.63 2.25 -0.16	46.58 2.54 -0.29	55.14 3.10 -0.45	56.64 3.19 -0.31	50.28 2.83 -0.32	55.00 3.01 -0.12	49.06 2.64 -0.14	51.00 2.61 0.00	48.35 2.61 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.62 0.35 0.00	33.41 0.36 0.00	31.47 0.37 0.00	30.54 0.36 0.00	31.44 0.46 0.00	31.42 0.49 0.00	32.72 0.55 0.00	36.72 0.65 0.00	38.20 0.64 0.00	36.86 0.51 0.00	48.93 0.72 0.00	47.73 0.61 -0.04	44.39 0.43 -0.77	44.13 0.35 -0.60	44.34 0.30 -0.94	45.95 0.52 -2.21	48.57 0.83 -3.98	58.75 0.98 -6.17	58.46 1.06 -4.25	52.44 0.90 -4.41	54.75 0.99 -1.90	48.98 0.79 -1.92	49.17 0.73 -0.06	46.66 0.91 0.00
ETNA____115KV_TB2 80207	35.62 0.35 0.00	33.41 0.36 0.00	31.47 0.37 0.00	30.54 0.36 0.00	31.44 0.46 0.00	31.42 0.49 0.00	32.72 0.55 0.00	36.72 0.65 0.00	38.20 0.64 0.00	36.86 0.51 0.00	48.93 0.72 0.00	47.73 0.61 -0.04	44.39 0.43 -0.77	44.13 0.35 -0.60	44.34 0.30 -0.94	45.95 0.52 -2.21	48.57 0.83 -3.98	58.75 0.98 -6.17	58.46 1.06 -4.25	52.44 0.90 -4.41	54.75 0.99 -1.90	48.98 0.79 -1.92	49.17 0.73 -0.06	46.66 0.91 0.00
EUCLID__115KV_TB2 356179	34.35 -0.92 0.00	32.22 -0.83 0.00	30.35 -0.75 0.00	29.45 -0.72 0.00	30.29 -0.68 0.00	30.24 -0.68 0.00	31.47 -0.71 0.00	35.31 -0.76 0.00	36.73 -0.83 0.00	35.52 -0.84 0.00	47.15 -1.06 0.00	46.01 -1.08 -0.02	42.48 -0.99 -0.29	42.42 -0.99 -0.23	42.38 -1.08 -0.36	43.11 -0.95 -0.84	44.48 -0.79 -1.51	52.96 -0.98 -2.34	53.75 -1.01 -1.61	47.91 -0.90 -1.68	51.56 -0.93 -0.62	46.18 -0.83 -0.73	47.49 -0.92 -0.02	44.92 -0.82 0.00
E_CANADA_CAP_HY 24051	37.27 2.01 0.00	34.93 1.88 0.00	32.90 1.80 0.00	31.87 1.69 0.00	32.74 1.76 0.00	32.62 1.70 0.00	34.10 1.93 0.00	38.08 2.02 0.00	39.59 2.03 0.00	38.35 2.00 0.00	51.01 2.80 0.00	49.98 2.63 -0.27	50.46 2.24 -5.03	49.35 2.24 -3.92	51.44 2.24 -6.10	60.17 2.55 -14.39	72.61 2.93 -25.93	95.41 3.66 -40.15	84.46 3.66 -27.65	79.14 3.30 -28.71	66.03 3.48 -10.68	61.99 3.24 -12.47	51.99 3.19 -0.41	48.81 3.07 0.00
E_CANADA_MHWK_HY 24050	35.48 0.21 0.00	33.28 0.23 0.00	31.31 0.22 0.00	30.30 0.12 0.00	31.04 0.06 0.00	30.92 0.00 0.00	32.17 0.00 0.00	36.17 0.11 0.00	37.82 0.26 0.00	36.57 0.22 0.00	48.74 0.53 0.00	47.73 0.66 0.00	43.61 0.43 0.00	43.53 0.34 0.00	43.36 0.26 0.00	43.57 0.34 0.00	44.07 0.31 0.00	51.96 0.36 0.00	53.52 0.37 0.00	47.46 0.33 0.00	52.24 0.37 0.00	46.56 0.28 0.00	48.68 0.29 0.00	46.02 0.28 0.00
E_FISHKILL__LBMP 23776	36.89 1.62 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.21 1.24 0.00	32.19 1.27 0.00	33.65 1.48 0.00	37.69 1.62 0.00	39.40 1.84 0.00	38.13 1.78 0.00	51.20 2.99 0.00	50.42 3.15 -0.19	49.61 2.89 -3.54	48.83 2.89 -2.76	50.23 2.84 -4.29	56.20 2.85 -10.12	64.96 2.98 -18.23	83.34 3.51 -28.23	76.15 3.56 -19.44	70.43 3.11 -20.19	62.70 3.32 -7.51	58.06 3.01 -8.77	51.77 3.10 -0.29	48.68 2.93 0.00
FALCON__SEABRD_CC1 323796	35.27 0.00 0.00	32.58 -0.46 0.00	30.38 -0.71 0.00	29.37 -0.81 0.00	30.08 -0.90 0.00	30.15 -0.77 0.00	30.82 -1.35 0.00	34.66 -1.41 0.00	36.55 -1.01 0.00	35.62 -0.73 0.00	47.10 -1.11 0.00	46.69 -0.38 0.00	42.58 -0.60 0.00	42.27 -0.91 0.00	41.89 -1.21 0.00	41.24 -1.99 0.00	41.61 -2.14 0.00	49.38 -2.22 0.00	50.76 -2.39 0.00	45.10 -2.03 0.00	49.49 -2.39 0.00	43.87 -2.41 0.00	46.35 -2.03 0.00	43.87 -1.88 0.00
FALCON__SEABRD_CC2 323797	35.27 0.00 0.00	32.58 -0.46 0.00	30.38 -0.71 0.00	29.37 -0.81 0.00	30.08 -0.90 0.00	30.15 -0.77 0.00	30.82 -1.35 0.00	34.66 -1.41 0.00	36.55 -1.01 0.00	35.62 -0.73 0.00	47.10 -1.11 0.00	46.69 -0.38 0.00	42.58 -0.60 0.00	42.27 -0.91 0.00	41.89 -1.21 0.00	41.24 -1.99 0.00	41.61 -2.14 0.00	49.38 -2.22 0.00	50.76 -2.39 0.00	45.10 -2.03 0.00	49.49 -2.39 0.00	43.87 -2.41 0.00	46.35 -2.03 0.00	43.87 -1.88 0.00

FAR ROCKAWAY___4 23548	37.98 2.72 0.00	35.39 2.35 0.00	33.21 2.11 0.00	32.29 2.11 0.00	33.08 2.11 0.00	32.96 2.04 0.00	34.52 2.35 0.00	38.77 2.70 0.00	40.72 3.16 0.00	39.81 3.16 -0.29	52.60 4.39 0.00	51.78 4.52 -0.19	50.80 4.15 -3.48	50.13 4.19 -2.76	51.33 4.05 -4.18	57.15 3.93 -9.99	65.56 4.11 -17.69	84.43 5.16 -27.67	77.11 5.10 -18.86	71.05 4.34 -19.59	64.19 5.03 -7.29	59.14 4.35 -8.51	53.17 4.50 -0.28	50.14 4.39 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.50 1.58 0.00	34.01 1.83 0.00	38.12 2.06 0.00	39.93 2.37 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.28 3.76 -4.34	51.38 3.80 -4.40	51.34 3.71 -4.54	60.32 3.72 -13.38	65.37 3.85 -17.76	89.52 4.59 -33.33	76.60 4.57 -18.88	70.74 4.01 -19.60	63.36 4.20 -7.29	58.64 3.84 -8.51	52.64 3.97 -0.28	49.41 3.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.24 1.97 0.00	34.79 1.75 0.00	32.68 1.59 0.00	31.81 1.63 0.00	32.49 1.52 0.00	32.50 1.58 0.00	34.01 1.83 0.00	38.12 2.06 0.00	39.93 2.37 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.28 3.76 -4.34	51.38 3.80 -4.40	51.34 3.71 -4.54	60.32 3.72 -13.38	65.37 3.85 -17.76	89.52 4.59 -33.33	76.60 4.57 -18.88	70.74 4.01 -19.60	63.42 4.25 -7.29	58.64 3.84 -8.51	52.64 3.97 -0.28	49.41 3.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.24 1.97 0.00	34.76 1.72 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.28 3.76 -4.34	51.34 3.76 -4.40	51.34 3.71 -4.54	60.27 3.67 -13.38	65.33 3.81 -17.76	89.47 4.54 -33.33	76.55 4.52 -18.88	70.69 3.96 -19.60	63.36 4.20 -7.29	58.59 3.80 -8.51	52.59 3.92 -0.28	49.41 3.66 0.00
FARRAGUT___LBMP 323566	37.21 1.94 0.00	34.76 1.72 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.46 1.49 0.00	32.47 1.55 0.00	33.98 1.80 0.00	38.05 1.98 0.00	39.89 2.33 0.00	38.60 2.25 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.23 3.71 -4.34	51.29 3.71 -4.40	51.30 3.66 -4.54	60.23 3.63 -13.38	65.29 3.76 -17.76	89.47 4.54 -33.33	76.55 4.52 -18.88	70.69 3.96 -19.60	63.31 4.15 -7.29	58.59 3.80 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00
FENNER___WINDPWR 24204	35.72 0.46 0.00	33.51 0.46 0.00	31.56 0.47 0.00	30.60 0.42 0.00	31.47 0.49 0.00	31.48 0.56 0.00	32.75 0.58 0.00	36.75 0.68 0.00	38.27 0.71 0.00	36.93 0.58 0.00	49.12 0.91 0.00	47.94 0.85 -0.02	44.29 0.69 -0.42	44.16 0.65 -0.33	44.25 0.65 -0.51	45.20 0.78 -1.20	46.88 0.96 -2.16	56.08 1.13 -3.35	56.62 1.17 -2.31	50.56 1.04 -2.39	53.85 1.09 -0.89	48.20 0.88 -1.04	49.29 0.87 -0.03	46.66 0.91 0.00
FIBERTEK___ENERGY 23856	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.76 -0.42 0.00	30.60 -0.37 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.73 -0.48 0.00	46.57 -0.52 -0.02	43.06 -0.47 -0.35	42.89 -0.56 -0.27	42.92 -0.60 -0.43	43.75 -0.48 -1.00	45.26 -0.31 -1.81	54.04 -0.36 -2.80	54.70 -0.37 -1.93	48.80 -0.33 -2.00	52.30 -0.31 -0.75	46.87 -0.28 -0.87	48.03 -0.39 -0.03	45.47 -0.27 0.00
FITZPATRICK___ 23598	33.85 -1.41 0.00	31.75 -1.29 0.00	29.91 -1.18 0.00	29.03 -1.15 0.00	29.86 -1.11 0.00	29.78 -1.14 0.00	30.98 -1.19 0.00	34.77 -1.30 0.00	36.13 -1.43 0.00	34.97 -1.38 0.00	46.38 -1.83 0.00	45.29 -1.79 -0.01	41.75 -1.64 -0.21	41.70 -1.64 -0.16	41.62 -1.73 -0.25	42.17 -1.64 -0.59	43.29 -1.53 -1.06	51.44 -1.81 -1.65	52.42 -1.17 -1.13	46.65 -1.65 -1.18	50.54 -1.76 -0.44	45.27 -1.53 -0.51	46.76 -1.65 -0.02	44.19 -1.56 0.00
FLOWRFLD_69_KV_BK1 356044	38.23 2.96 0.00	35.55 2.51 0.00	33.36 2.27 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.72 2.54 0.00	38.99 2.92 0.00	40.98 3.42 0.00	40.02 3.38 -0.29	52.55 4.34 0.00	51.64 4.38 -0.19	50.68 4.02 -3.48	50.04 4.10 -2.76	51.20 3.92 -4.18	57.02 3.80 -9.99	65.43 3.98 -17.69	84.38 5.11 -27.67	77.01 5.00 -18.86	70.86 4.15 -19.59	64.50 5.34 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.23 4.48 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.35 2.08 0.00	34.89 1.85 0.00	32.74 1.65 0.00	31.84 1.66 0.00	32.56 1.58 0.00	32.47 1.55 0.00	33.91 1.74 0.00	37.91 1.84 0.00	39.70 2.14 0.00	38.39 2.04 0.00	51.44 3.23 0.00	50.60 3.34 -0.19	49.56 2.94 -3.44	48.80 2.94 -2.68	50.20 2.93 -4.17	56.00 2.94 -9.84	64.68 3.19 -17.72	82.97 3.92 -27.45	76.04 3.99 -18.91	70.25 3.49 -19.63	62.81 3.63 -7.31	58.04 3.24 -8.52	52.15 3.48 -0.28	49.13 3.39 0.00
FORT ORANGE___ 23900	36.11 0.84 0.00	33.80 0.76 0.00	31.81 0.72 0.00	30.90 0.72 0.00	31.63 0.65 0.00	31.57 0.65 0.00	32.91 0.74 0.00	36.79 0.72 0.00	38.05 0.49 0.00	36.90 0.55 0.00	49.90 1.69 0.00	48.99 1.69 -0.23	48.87 1.47 -4.21	47.89 1.42 -3.28	49.62 1.42 -5.11	56.74 1.47 -12.05	66.99 1.53 -21.70	86.91 1.70 -33.61	78.11 1.81 -23.15	72.81 1.65 -24.04	62.74 1.92 -8.95	58.38 1.66 -10.44	50.52 1.79 -0.35	47.49 1.74 0.00
FORT_DRUM_COGEN 23780	34.56 -0.71 0.00	32.38 -0.66 0.00	30.50 -0.59 0.00	29.54 -0.63 0.00	30.42 -0.56 0.00	30.34 -0.59 0.00	31.56 -0.61 0.00	35.42 -0.65 0.00	36.85 -0.71 0.00	35.52 -0.84 0.00	47.30 -0.92 0.00	46.19 -0.89 -0.01	42.58 -0.78 -0.18	42.54 -0.78 -0.14	42.53 -0.78 -0.21	43.12 -0.61 -0.51	44.27 -0.39 -0.91	52.59 -0.41 -1.41	53.75 -0.37 -0.97	47.90 -0.24 -1.01	51.83 -0.41 -0.38	46.26 -0.46 -0.44	47.77 -0.63 -0.01	45.06 -0.69 0.00
FOX_HILLS___ESR 323835	37.57 2.29 -0.01	35.07 2.02 -0.01	32.94 1.83 -0.01	32.06 1.87 -0.01	32.75 1.77 -0.01	32.72 1.79 0.00	34.17 1.99 0.00	38.12 2.06 0.00	39.89 2.33 0.00	38.68 2.33 0.00	51.97 3.76 0.00	51.37 4.10 -0.20	51.39 3.67 -4.53	51.42 3.67 -4.57	51.30 3.62 -4.58	61.05 3.67 -14.15	65.43 3.89 -17.78	90.97 4.75 -34.63	76.87 4.84 -18.89	70.98 4.24 -19.61	63.52 4.36 -7.29	58.96 4.17 -8.52	53.08 4.40 -0.29	49.83 4.07 -0.01
FPL_FAR_ROCK_GT1 24212	37.98 2.72 0.00	35.39 2.35 0.00	33.21 2.12 0.00	32.29 2.11 0.00	33.08 2.11 0.00	32.96 2.04 0.00	34.55 2.38 0.00	38.91 2.85 0.00	40.75 3.19 0.00	39.77 3.13 -0.29	52.64 4.43 0.00	51.78 4.52 -0.19	50.81 4.15 -3.48	50.13 4.19 -2.76	51.33 4.05 -4.18	57.15 3.93 -9.99	65.56 4.11 -17.69	84.38 5.11 -27.67	77.11 5.10 -18.86	71.05 4.33 -19.59	64.19 5.03 -7.29	59.13 4.35 -8.51	53.17 4.50 -0.28	50.14 4.39 0.00
FPL_FAR_ROCK_GT2 23815	37.98 2.72 0.00	35.39 2.35 0.00	33.21 2.12 0.00	32.29 2.11 0.00	33.08 2.11 0.00	32.96 2.04 0.00	34.55 2.38 0.00	38.91 2.85 0.00	40.75 3.19 0.00	39.77 3.13 -0.29	52.64 4.43 0.00	51.78 4.52 -0.19	50.81 4.15 -3.48	50.13 4.19 -2.76	51.33 4.05 -4.18	57.15 3.93 -9.99	65.56 4.11 -17.69	84.38 5.11 -27.67	77.11 5.10 -18.86	71.05 4.33 -19.59	64.19 5.03 -7.29	59.13 4.35 -8.51	53.17 4.50 -0.28	50.14 4.39 0.00

FRANKLIN_FALL_HYD 24054	35.09 -0.18 0.00	32.51 -0.53 0.00	30.41 -0.68 0.00	29.42 -0.75 0.00	30.14 -0.84 0.00	30.18 -0.74 0.00	31.14 -1.03 0.00	35.16 -0.90 0.00	36.77 -0.79 0.00	35.81 -0.55 0.00	47.20 -1.01 0.00	46.74 -0.33 0.00	42.66 -0.52 0.00	42.40 -0.78 0.00	42.11 -0.99 0.00	41.54 -1.69 0.00	41.96 -1.79 0.00	49.84 -1.75 0.00	51.34 -1.81 0.00	45.57 -1.56 0.00	50.00 -1.87 0.00	44.38 -1.90 0.00	46.50 -1.89 0.00	43.92 -1.83 0.00
FREEPORT_EQUS_GT1 23764	37.84 2.57 0.00	35.22 2.18 0.00	33.05 1.96 0.00	32.14 1.96 0.00	32.93 1.95 0.00	32.81 1.89 0.00	34.43 2.25 0.00	38.73 2.67 0.00	40.60 3.04 0.00	39.59 2.94 -0.29	52.17 3.95 0.00	51.31 4.05 -0.19	50.37 3.71 -3.48	49.69 3.75 -2.76	50.90 3.62 -4.18	56.67 3.46 -9.99	65.08 3.63 -17.69	83.81 4.54 -27.67	76.48 4.46 -18.86	70.49 3.77 -19.59	63.73 4.57 -7.29	58.81 4.02 -8.51	52.88 4.21 -0.28	49.87 4.12 0.00
FREEPORT___CT2 23818	37.84 2.57 0.00	35.22 2.18 0.00	33.05 1.96 0.00	32.14 1.96 0.00	32.93 1.95 0.00	32.81 1.89 0.00	34.43 2.25 0.00	38.73 2.67 0.00	40.60 3.04 0.00	39.59 2.94 -0.29	52.17 3.95 0.00	51.31 4.05 -0.19	50.37 3.71 -3.48	49.69 3.75 -2.76	50.90 3.62 -4.18	56.67 3.46 -9.99	65.08 3.63 -17.69	83.81 4.54 -27.67	76.48 4.46 -18.86	70.49 3.77 -19.59	63.73 4.57 -7.29	58.81 4.02 -8.51	52.88 4.21 -0.28	49.87 4.12 0.00
FRESHKLS_33_KV_LOAD 356253	37.57 2.29 -0.01	35.10 2.05 -0.01	32.94 1.83 -0.01	32.09 1.90 -0.01	32.75 1.77 -0.01	32.72 1.79 0.00	34.14 1.96 0.00	38.05 1.98 0.00	39.81 2.25 0.00	38.60 2.25 0.00	51.83 3.62 0.00	51.23 3.95 -0.20	51.02 3.50 -4.34	51.08 3.50 -4.40	51.09 3.45 -4.55	60.88 3.50 -14.15	65.30 3.76 -17.78	90.87 4.64 -34.63	76.76 4.73 -18.89	70.89 4.15 -19.61	63.36 4.20 -7.29	58.92 4.12 -8.52	53.08 4.40 -0.29	49.83 4.07 -0.01
FULTON COGEN____ 23766	34.21 -1.06 0.00	32.08 -0.96 0.00	30.22 -0.87 0.00	29.33 -0.85 0.00	30.17 -0.81 0.00	30.12 -0.80 0.00	31.31 -0.87 0.00	35.13 -0.94 0.00	36.58 -0.98 0.00	35.41 -0.95 0.00	47.05 -1.16 0.00	45.91 -1.18 -0.01	42.38 -1.08 -0.28	42.27 -1.12 -0.21	42.22 -1.21 -0.33	42.93 -1.08 -0.79	44.26 -0.92 -1.42	52.71 -1.08 -2.20	53.54 -1.12 -1.51	47.71 -0.99 -1.57	51.42 -1.04 -0.58	46.04 -0.93 -0.68	47.39 -1.02 -0.02	44.83 -0.91 0.00
FULTON___LFGE 323630	39.00 3.74 0.00	36.45 3.40 0.00	34.33 3.23 0.00	33.23 3.05 0.00	34.07 3.10 0.00	33.89 2.97 0.00	35.52 3.35 0.00	39.82 3.75 0.00	41.32 3.76 0.00	40.10 3.74 0.00	53.37 5.16 0.00	52.18 4.85 -0.26	52.22 4.23 -4.81	51.16 4.23 -3.74	53.23 4.31 -5.82	61.81 4.84 -13.74	73.80 5.29 -24.75	96.43 6.50 -38.33	86.08 6.54 -26.40	80.48 5.94 -27.41	68.45 6.38 -10.20	63.74 5.55 -11.90	54.39 5.61 -0.40	51.05 5.30 0.00
G.F.CEMENT___DRP 24184	37.49 2.22 0.00	35.03 1.98 0.00	33.08 1.99 0.00	32.08 1.90 0.00	32.90 1.92 0.00	32.75 1.82 0.00	34.01 1.83 0.00	38.12 2.06 0.00	39.63 2.07 0.00	38.39 2.04 0.00	51.30 3.09 0.00	50.28 2.97 -0.24	50.14 2.59 -4.37	49.09 2.50 -3.41	50.94 2.54 -5.30	58.49 2.77 -12.50	69.25 2.98 -22.52	90.13 3.66 -34.87	80.78 3.61 -24.02	75.32 3.25 -24.94	64.68 3.53 -9.28	60.49 3.38 -10.83	52.18 3.44 -0.36	49.18 3.43 0.00
GARDENVILLE___LBMP 24039	33.08 -2.19 0.00	31.29 -1.75 0.00	29.66 -1.43 0.00	28.79 -1.39 0.00	29.89 -1.08 0.00	29.69 -1.24 0.00	30.98 -1.19 0.00	34.77 -1.30 0.00	35.38 -2.18 0.00	34.32 -2.04 0.00	44.26 -3.95 0.00	42.72 -4.38 -0.03	39.16 -4.58 -0.55	39.08 -4.53 -0.43	39.03 -4.74 -0.67	40.36 -4.45 -1.58	42.54 -4.07 -2.85	51.06 -4.95 -4.42	50.93 -5.26 -3.04	45.67 -4.62 -3.16	46.81 -5.19 -0.13	42.98 -4.67 -1.37	43.59 -4.84 -0.05	42.64 -3.11 0.00
GARDNVLA_35_KV_LD 355827	33.26 -2.01 0.00	31.46 -1.59 0.00	29.82 -1.27 0.00	28.94 -1.24 0.00	30.05 -0.93 0.00	29.84 -1.08 0.00	31.14 -1.03 0.00	34.95 -1.12 0.00	35.57 -1.99 0.00	34.50 -1.85 0.00	44.50 -3.71 0.00	42.96 -4.14 -0.03	39.29 -4.45 -0.55	39.21 -4.40 -0.43	39.16 -4.61 -0.67	40.49 -4.32 -1.59	42.67 -3.94 -2.85	51.22 -4.80 -4.42	51.09 -5.10 -3.05	45.86 -4.43 -3.16	47.15 -5.03 -0.31	43.12 -4.54 -1.37	43.74 -4.69 -0.05	42.91 -2.84 0.00
GELCKHM___115KV_LOAD 80723	34.49 -0.78 0.00	32.35 -0.69 0.00	30.47 -0.62 0.00	29.58 -0.60 0.00	30.42 -0.56 0.00	30.37 -0.56 0.00	31.59 -0.58 0.00	35.45 -0.61 0.00	36.85 -0.71 0.00	35.66 -0.69 0.00	47.34 -0.87 0.00	46.19 -0.89 -0.02	42.68 -0.82 -0.32	42.61 -0.82 -0.25	42.57 -0.91 -0.38	43.35 -0.78 -0.90	44.77 -0.61 -1.62	53.39 -0.72 -2.51	54.13 -0.74 -1.73	48.22 -0.71 -1.80	51.81 -0.73 -0.67	46.41 -0.65 -0.78	47.68 -0.73 -0.03	45.11 -0.64 0.00
GENERAL___MILLS 23808	33.18 -2.08 0.00	31.42 -1.62 0.00	29.79 -1.31 0.00	28.88 -1.30 0.00	30.02 -0.96 0.00	29.78 -1.14 0.00	31.11 -1.06 0.00	34.88 -1.19 0.00	35.49 -2.07 0.00	34.46 -1.89 0.00	44.40 -3.81 0.00	42.87 -4.24 -0.03	39.25 -4.49 -0.55	39.12 -4.49 -0.43	39.07 -4.70 -0.67	40.40 -4.41 -1.59	42.59 -4.03 -2.85	51.12 -4.90 -4.42	50.98 -5.21 -3.05	45.77 -4.52 -3.16	47.00 -5.14 -0.26	43.03 -4.63 -1.37	43.64 -4.79 -0.05	42.82 -2.93 0.00
GE_PLASTICS___DRP 24183	36.04 0.78 0.00	33.74 0.69 0.00	31.75 0.65 0.00	30.84 0.66 0.00	31.60 0.62 0.00	31.54 0.62 0.00	32.88 0.71 0.00	36.75 0.69 0.00	38.27 0.71 0.00	37.08 0.73 0.00	49.95 1.74 0.00	49.09 1.79 -0.23	48.95 1.55 -4.22	48.02 1.55 -3.28	49.76 1.55 -5.11	56.84 1.56 -12.06	67.09 1.62 -21.72	87.09 1.86 -33.63	78.22 1.91 -23.16	72.92 1.74 -24.05	62.74 1.92 -8.95	58.44 1.71 -10.44	50.57 1.84 -0.35	47.49 1.74 0.00
GILBOA___1 23756	36.15 0.88 0.00	33.97 0.92 0.00	31.96 0.87 0.00	31.05 0.88 0.00	31.81 0.84 0.00	31.76 0.84 0.00	33.01 0.84 0.00	37.00 0.94 0.00	38.57 1.01 0.00	37.29 0.94 0.00	49.90 1.69 0.00	49.04 1.79 -0.18	48.08 1.55 -3.35	47.34 1.55 -2.61	48.66 1.51 -4.06	54.35 1.55 -9.57	62.57 1.57 -17.24	79.99 1.70 -26.69	73.39 1.86 -18.39	67.87 1.65 -19.09	60.90 1.92 -7.10	56.28 1.71 -8.29	50.40 1.74 -0.28	47.44 1.69 0.00
GILBOA___2 23757	36.15 0.88 0.00	33.97 0.92 0.00	31.96 0.87 0.00	31.05 0.88 0.00	31.81 0.84 0.00	31.76 0.84 0.00	33.01 0.84 0.00	37.00 0.94 0.00	38.57 1.01 0.00	37.29 0.94 0.00	49.90 1.69 0.00	49.04 1.79 -0.18	48.08 1.55 -3.35	47.34 1.55 -2.61	48.66 1.51 -4.06	54.35 1.55 -9.57	62.57 1.57 -17.24	79.99 1.70 -26.69	73.39 1.86 -18.39	67.87 1.65 -19.09	60.90 1.92 -7.10	56.28 1.71 -8.29	50.40 1.74 -0.28	47.44 1.69 0.00
GILBOA___3 23758	36.15 0.88 0.00	33.97 0.92 0.00	31.96 0.87 0.00	31.05 0.88 0.00	31.81 0.84 0.00	31.76 0.84 0.00	33.01 0.84 0.00	37.00 0.94 0.00	38.57 1.01 0.00	37.29 0.94 0.00	49.90 1.69 0.00	49.04 1.79 -0.18	48.08 1.55 -3.35	47.34 1.55 -2.61	48.66 1.51 -4.06	54.35 1.55 -9.57	62.57 1.57 -17.24	79.99 1.70 -26.69	73.39 1.86 -18.39	67.87 1.65 -19.09	60.90 1.92 -7.10	56.28 1.71 -8.29	50.40 1.74 -0.28	47.44 1.69 0.00

GILBOA___4 23759	36.15 0.88 0.00	33.97 0.92 0.00	31.96 0.87 0.00	31.05 0.88 0.00	31.81 0.84 0.00	31.76 0.84 0.00	33.01 0.84 0.00	37.00 0.94 0.00	38.57 1.01 0.00	37.29 0.94 0.00	49.90 1.69 0.00	49.04 1.79 -0.18	48.08 1.55 -3.35	47.34 1.55 -2.61	48.66 1.51 -4.06	54.35 1.55 -9.57	62.57 1.57 -17.24	79.99 1.70 -26.69	73.39 1.86 -18.39	67.87 1.65 -19.09	60.90 1.92 -7.10	56.28 1.71 -8.29	50.40 1.74 -0.28	47.44 1.69 0.00
GILBOA____ 23599	36.15 0.88 0.00	33.97 0.93 0.00	31.96 0.87 0.00	31.05 0.88 0.00	31.81 0.84 0.00	31.76 0.83 0.00	33.01 0.84 0.00	36.97 0.90 0.00	38.57 1.01 0.00	37.30 0.95 0.00	49.90 1.69 0.00	49.00 1.74 -0.18	48.08 1.55 -3.35	47.34 1.55 -2.61	48.66 1.51 -4.06	54.35 1.56 -9.57	62.57 1.58 -17.24	80.00 1.70 -26.69	73.39 1.86 -18.39	67.87 1.65 -19.09	60.89 1.92 -7.10	56.28 1.71 -8.29	50.40 1.74 -0.28	47.44 1.69 0.00
GINNA____ 23603	32.27 -3.00 0.00	30.33 -2.71 0.00	28.64 -2.46 0.00	27.74 -2.44 0.00	28.68 -2.29 0.00	28.57 -2.35 0.00	29.76 -2.41 0.00	33.51 -2.56 0.00	34.59 -2.97 0.00	33.44 -2.91 0.00	44.06 -4.15 0.00	42.95 -4.14 -0.02	40.04 -3.54 -0.40	39.91 -3.58 -0.31	39.79 -3.79 -0.49	40.78 -3.59 -1.15	42.54 -3.28 -2.07	50.98 -3.82 -3.20	51.36 -3.99 -2.20	45.83 -3.58 -2.29	48.73 -3.99 -0.85	43.53 -3.75 -0.99	44.45 -3.97 -0.03	41.95 -3.80 0.00
GLEN PARK____ 23778	34.63 -0.63 0.00	32.41 -0.63 0.00	30.56 -0.53 0.00	29.58 -0.60 0.00	30.48 -0.50 0.00	30.40 -0.53 0.00	31.63 -0.55 0.00	35.45 -0.61 0.00	36.92 -0.64 0.00	35.55 -0.80 0.00	47.34 -0.87 0.00	46.28 -0.80 -0.01	42.67 -0.69 -0.18	42.63 -0.69 -0.14	42.67 -0.65 -0.22	43.27 -0.47 -0.52	44.48 -0.22 -0.94	52.90 -0.15 -1.46	53.99 -0.16 -1.00	48.12 -0.05 -1.04	52.05 -0.21 -0.39	46.41 -0.32 -0.45	47.92 -0.48 -0.02	45.20 -0.55 0.00
GLENDALE_27_KV_LOAD 356172	37.57 2.29 -0.01	35.07 2.02 -0.01	32.94 1.83 -0.01	32.06 1.87 -0.01	32.75 1.77 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.30 2.24 0.00	40.11 2.55 0.00	38.90 2.54 0.00	52.31 4.10 0.00	51.65 4.38 -0.20	51.69 3.97 -4.53	51.97 4.02 -4.77	51.64 3.92 -4.62	61.31 3.93 -14.15	65.70 4.16 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.78 4.62 -7.29	59.01 4.21 -8.52	53.03 4.35 -0.29	49.78 4.03 -0.01
GLENWOOD_IC_1_G5 23712	37.73 2.47 0.00	35.16 2.11 0.00	32.99 1.90 0.00	32.08 1.90 0.00	32.87 1.89 0.00	32.75 1.82 0.00	34.30 2.12 0.00	38.52 2.45 0.00	40.45 2.89 0.00	39.51 2.87 -0.29	52.21 4.00 0.00	51.35 4.10 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.94 3.66 -4.18	56.80 3.59 -9.99	65.21 3.76 -17.69	83.97 4.70 -27.67	76.64 4.62 -18.86	70.63 3.91 -19.59	63.78 4.62 -7.29	58.72 3.93 -8.51	52.78 4.11 -0.28	49.77 4.03 0.00
GLENWOOD_IC_2_G1 23688	37.66 2.40 0.00	35.09 2.05 0.00	32.93 1.83 0.00	32.02 1.84 0.00	32.80 1.83 0.00	32.72 1.79 0.00	34.30 2.12 0.00	38.59 2.52 0.00	40.41 2.85 0.00	39.40 2.76 -0.29	52.17 3.95 0.00	51.31 4.05 -0.19	50.37 3.71 -3.48	49.69 3.75 -2.76	50.90 3.62 -4.18	56.71 3.50 -9.99	65.12 3.68 -17.69	83.81 4.54 -27.67	76.53 4.51 -18.86	70.53 3.82 -19.59	63.67 4.51 -7.29	58.63 3.84 -8.51	52.68 4.01 -0.28	49.63 3.89 0.00
GLENWOOD_IC_3_G1 23689	37.66 2.40 0.00	35.09 2.05 0.00	32.93 1.83 0.00	32.02 1.84 0.00	32.80 1.83 0.00	32.72 1.79 0.00	34.30 2.12 0.00	38.59 2.52 0.00	40.41 2.85 0.00	39.40 2.76 -0.29	52.17 3.95 0.00	51.31 4.05 -0.19	50.37 3.71 -3.48	49.69 3.75 -2.76	50.90 3.62 -4.18	56.71 3.50 -9.99	65.12 3.68 -17.69	83.81 4.54 -27.67	76.53 4.51 -18.86	70.53 3.82 -19.59	63.67 4.51 -7.29	58.63 3.84 -8.51	52.68 4.01 -0.28	49.63 3.89 0.00
GLENWOOD___4 23550	37.73 2.47 0.00	35.16 2.11 0.00	32.99 1.90 0.00	32.08 1.90 0.00	32.87 1.89 0.00	32.75 1.82 0.00	34.30 2.12 0.00	38.52 2.45 0.00	40.45 2.89 0.00	39.51 2.87 -0.29	52.21 4.00 0.00	51.35 4.10 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.94 3.66 -4.18	56.80 3.59 -9.99	65.21 3.76 -17.69	83.97 4.70 -27.67	76.64 4.62 -18.86	70.63 3.91 -19.59	63.78 4.62 -7.29	58.72 3.93 -8.51	52.78 4.11 -0.28	49.77 4.03 0.00
GLENWOOD___5 23614	37.73 2.47 0.00	35.16 2.11 0.00	32.99 1.90 0.00	32.08 1.90 0.00	32.87 1.89 0.00	32.75 1.82 0.00	34.30 2.12 0.00	38.52 2.45 0.00	40.45 2.89 0.00	39.51 2.87 -0.29	52.21 4.00 0.00	51.35 4.10 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.94 3.66 -4.18	56.80 3.59 -9.99	65.21 3.76 -17.69	83.97 4.70 -27.67	76.64 4.62 -18.86	70.63 3.91 -19.59	63.78 4.62 -7.29	58.72 3.93 -8.51	52.78 4.11 -0.28	49.77 4.03 0.00
GLOBAL GREEN_PORT_GT1 23814	39.35 4.09 0.00	36.58 3.54 0.00	34.33 3.23 0.00	33.38 3.20 0.00	34.26 3.28 0.00	34.08 3.16 0.00	35.81 3.63 0.00	40.39 4.33 0.00	42.29 4.73 0.00	41.26 4.62 -0.29	54.19 5.98 0.00	53.19 5.93 -0.19	51.97 5.31 -3.48	51.25 5.31 -2.76	52.53 5.26 -4.18	58.40 5.18 -9.99	66.69 5.25 -17.69	86.08 6.81 -27.67	78.76 6.75 -18.86	72.32 5.61 -19.59	66.58 7.42 -7.29	60.52 5.74 -8.51	54.67 6.00 -0.28	51.79 6.04 0.00
GLOBE___DSASP 323697	31.70 -3.56 0.00	30.00 -3.04 0.00	28.45 -2.64 0.00	27.58 -2.60 0.00	28.68 -2.29 0.00	28.45 -2.47 0.00	29.73 -2.45 0.00	33.43 -2.63 0.00	33.88 -3.68 0.00	32.86 -3.49 0.00	42.28 -5.93 0.00	40.70 -6.40 -0.03	38.08 -5.61 -0.51	37.97 -5.61 -0.40	37.94 -5.77 -0.62	39.15 -5.53 -1.46	41.17 -5.21 -2.62	49.28 -6.40 -4.08	49.15 -6.80 -2.81	44.20 -5.84 -2.92	46.08 -6.17 -0.38	41.72 -5.83 -1.27	42.33 -6.10 -0.04	40.72 -5.03 0.00
GOETHSLN___LBMP 323567	37.03 1.76 0.00	34.60 1.55 0.00	32.46 1.37 0.00	31.63 1.45 0.00	32.31 1.33 0.00	32.32 1.39 0.00	33.85 1.67 0.00	37.91 1.84 0.00	39.74 2.18 0.00	38.50 2.14 0.00	51.78 3.57 0.00	51.13 3.86 -0.20	51.10 3.58 -4.34	51.16 3.58 -4.40	51.17 3.53 -4.54	60.06 3.46 -13.38	60.57 3.59 -13.22	61.93 4.28 -6.05	61.52 4.25 -4.12	60.26 3.72 -9.41	60.25 3.89 -4.48	58.36 3.56 -8.51	52.35 3.68 -0.28	49.18 3.43 0.00
GOLAH___69_KV_TB 1_2 80279	33.50 -1.76 0.00	31.59 -1.45 0.00	29.91 -1.18 0.00	28.97 -1.21 0.00	30.02 -0.96 0.00	29.93 -0.99 0.00	31.18 -1.00 0.00	35.06 -1.01 0.00	36.06 -1.50 0.00	34.90 -1.45 0.00	45.66 -2.56 0.00	44.27 -2.82 -0.02	41.36 -2.25 -0.42	41.22 -2.29 -0.33	41.06 -2.54 -0.51	42.09 -2.33 -1.20	43.95 -1.97 -2.16	52.62 -2.32 -3.35	53.06 -2.39 -2.31	47.31 -2.22 -2.39	50.05 -2.59 -0.77	44.87 -2.45 -1.04	45.76 -2.66 -0.03	43.51 -2.24 0.00
GOODYEAR_LAKE_HYD 323669	36.64 1.38 0.00	34.40 1.35 0.00	32.37 1.27 0.00	31.42 1.24 0.00	32.28 1.30 0.00	32.22 1.30 0.00	33.59 1.42 0.00	37.65 1.59 0.00	39.25 1.69 0.00	37.95 1.60 0.00	50.57 2.36 0.00	49.44 2.31 -0.06	46.26 1.99 -1.09	45.97 1.94 -0.85	46.31 1.90 -1.32	48.38 2.03 -3.12	51.61 2.23 -5.62	62.93 2.63 -8.70	61.90 2.76 -5.99	55.80 2.45 -6.22	56.78 2.59 -2.32	51.20 2.22 -2.70	50.70 2.23 -0.09	47.99 2.24 0.00

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GOWANUS_GT2_5 24118	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT2_6 24119	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT2_7 24120	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT2_8 24121	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT3_1 24122	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT3_2 24123	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT3_3 24124	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT3_4 24125	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 																					

GOWANUS_GT4_4 24133	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT4_5 24134	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT4_6 24135	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT4_7 24136	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01
GOWANUS_GT4_8 24137	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01
GREENBSH_115KV_TB3 55895	35.90 0.63 0.00	33.64 0.59 0.00	31.62 0.53 0.00	30.72 0.54 0.00	31.47 0.50 0.00	31.42 0.49 0.00	32.75 0.58 0.00	36.61 0.54 0.00	38.12 0.56 0.00	36.93 0.58 0.00	49.99 1.78 0.00	49.14 1.84 -0.23	49.06 1.64 -4.24	48.08 1.60 -3.30	49.82 1.59 -5.13	56.98 1.64 -12.11	67.28 1.71 -21.81	87.23 1.86 -33.78	78.38 1.97 -23.27	73.07 1.79 -24.16	62.88 2.02 -8.99	58.53 1.76 -10.49	50.62 1.89 -0.35	47.53 1.78 0.00
GREENDGE_115KV_TB5 80291	34.88 -0.39 0.00	32.81 -0.23 0.00	30.97 -0.12 0.00	30.03 -0.15 0.00	31.01 0.03 0.00	30.95 0.03 0.00	32.27 0.10 0.00	36.17 0.11 0.00	37.41 -0.15 0.00	36.13 -0.22 0.00	47.68 -0.53 0.00	46.36 -0.75 -0.04	43.00 -0.86 -0.68	42.76 -0.95 -0.53	42.84 -1.08 -0.82	44.35 -0.82 -1.94	46.82 -0.44 -3.50	56.60 -0.41 -5.42	56.40 -0.48 -3.73	50.58 -0.42 -3.87	54.10 -0.47 -2.69	47.36 -0.60 -1.68	47.71 -0.73 -0.06	45.61 -0.14 0.00
GREENIDGE___3 23582	34.88 -0.39 0.00	32.81 -0.23 0.00	30.97 -0.12 0.00	30.03 -0.15 0.00	31.01 0.03 0.00	30.95 0.03 0.00	32.27 0.10 0.00	36.17 0.11 0.00	37.41 -0.15 0.00	36.13 -0.22 0.00	47.68 -0.53 0.00	46.36 -0.75 -0.04	43.00 -0.86 -0.68	42.76 -0.95 -0.53	42.84 -1.08 -0.82	44.35 -0.82 -1.94	46.82 -0.44 -3.50	56.60 -0.41 -5.42	56.40 -0.48 -3.73	50.58 -0.42 -3.87	54.10 -0.47 -2.69	47.36 -0.60 -1.68	47.71 -0.73 -0.06	45.61 -0.14 0.00
GREENIDGE___4 23583	34.88 -0.39 0.00	32.81 -0.23 0.00	30.97 -0.12 0.00	30.03 -0.15 0.00	31.01 0.03 0.00	30.95 0.03 0.00	32.24 0.06 0.00	36.21 0.14 0.00	37.41 -0.15 0.00	36.13 -0.22 0.00	47.68 -0.53 0.00	46.45 -0.66 -0.04	43.00 -0.86 -0.68	42.76 -0.95 -0.53	42.80 -1.12 -0.82	44.34 -0.82 -1.94	46.82 -0.44 -3.50	56.55 -0.47 -5.42	56.40 -0.48 -3.73	50.58 -0.43 -3.87	54.09 -0.47 -2.69	47.36 -0.60 -1.68	47.72 -0.72 -0.06	45.61 -0.14 0.00
GREENLWN_69_KV_BK 3 55738	37.63 2.36 0.00	35.06 2.02 0.00	32.87 1.77 0.00	31.99 1.81 0.00	32.77 1.80 0.00	32.66 1.73 0.00	34.20 2.03 0.00	38.41 2.34 0.00	40.34 2.78 0.00	39.41 2.76 -0.29	51.63 3.42 0.00	50.79 3.53 -0.19	49.94 3.28 -3.48	49.35 3.41 -2.76	50.42 3.15 -4.18	56.28 3.07 -9.99	64.68 3.24 -17.69	83.35 4.08 -27.67	76.00 3.99 -18.86	70.06 3.35 -19.59	63.26 4.10 -7.29	58.21 3.42 -8.51	52.20 3.53 -0.28	49.32 3.57 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01
GRISSOM___SOLAR 323813	39.00 3.74 0.00	36.45 3.40 0.00	34.33 3.23 0.00	33.23 3.05 0.00	34.07 3.10 0.00	33.89 2.97 0.00	35.52 3.35 0.00	39.82 3.75 0.00	41.32 3.76 0.00	40.10 3.74 0.00	53.37 5.16 0.00	52.18 4.85 -0.26	52.22 4.23 -4.81	51.16 4.23 -3.74	53.23 4.31 -5.82	61.81 4.84 -13.74	73.80 5.29 -24.75	96.43 6.50 -38.33	86.08 6.54 -26.40	80.48 5.94 -27.41	68.45 6.38 -10.20	63.74 5.55 -11.90	54.39 5.61 -0.40	51.05 5.30 0.00
GROVEVILLE___HYD 323602	37.35 2.08 0.00	34.89 1.85 0.00	32.74 1.65 0.00	31.84 1.66 0.00	32.56 1.58 0.00	32.47 1.55 0.00	33.91 1.74 0.00	37.91 1.84 0.00	39.70 2.14 0.00	38.39 2.04 0.00	51.44 3.23 0.00	50.60 3.34 -0.19	49.56 2.94 -3.44	48.80 2.94 -2.68	50.20 2.93 -4.17	56.00 2.94 -9.84	64.68 3.19 -17.72	82.97 3.92 -27.45	76.04 3.99 -18.91	70.25 3.49 -19.63	62.81 3.63 -7.31	58.04 3.24 -8.52	52.15 3.48 -0.28	49.13 3.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.76 -0.42 0.00	30.60 -0.37 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.73 -0.48 0.00	46.57 -0.52 -0.02	43.06 -0.47 -0.35	42.89 -0.56 -0.27	42.92 -0.60 -0.43	43.75 -0.48 -1.00	45.26 -0.31 -1.81	54.04 -0.36 -2.80	54.70 -0.37 -1.93	48.80 -0.33 -2.00	52.30 -0.31 -0.75	46.87 -0.28 -0.87	48.03 -0.39 -0.03	45.47 -0.27 0.00
HAMLTNNY_34_KV_TB 80303	34.70 -0.56 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.76 -0.42 0.00	30.63 -0.34 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.74 -0.32 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.73 -0.48 0.00	46.53 -0.56 -0.02	43.04 -0.52 -0.37	42.87 -0.60 -0.29	42.86 -0.69 -0.45	43.77 -0.52 -1.07	45.37 -0.31 -1.92	54.21 -0.36 -2.98	54.83 -0.37 -2.05	48.88 -0.38 -2.13	52.30 -0.36 -0.79	46.88 -0.32 -0.92	47.98 -0.44 -0.03	45.43 -0.32 0.00

HAMPSHIRE___PAPER_HYD 323593	34.39 -0.88 0.00	32.15 -0.89 0.00	30.26 -0.84 0.00	29.30 -0.88 0.00	30.11 -0.87 0.00	30.00 -0.93 0.00	31.18 -1.00 0.00	34.84 -1.23 0.00	36.36 -1.20 0.00	35.15 -1.20 0.00	46.48 -1.73 0.00	45.48 -1.60 -0.01	41.85 -1.42 -0.09	41.79 -1.47 -0.07	41.79 -1.42 -0.11	41.97 -1.51 -0.26	42.75 -1.49 -0.48	50.74 -1.60 -0.74	52.01 -1.65 -0.51	46.24 -1.41 -0.53	50.36 -1.71 -0.20	44.89 -1.62 -0.23	46.75 -1.65 -0.01	44.06 -1.69 0.00
HARDSCRABBLE_WT_PWR 323673	35.27 0.00 0.00	33.08 0.03 0.00	31.12 0.03 0.00	30.12 -0.06 0.00	30.82 -0.15 0.00	30.68 -0.25 0.00	31.95 -0.22 0.00	35.92 -0.14 0.00	37.56 0.00 0.00	36.35 0.00 0.00	48.50 0.29 0.00	47.49 0.42 0.00	43.40 0.22 0.00	43.23 0.04 0.00	43.10 0.00 0.00	43.27 0.04 0.00	43.76 0.00 0.00	51.60 0.00 0.00	53.15 0.00 0.00	47.13 0.00 0.00	51.82 -0.05 0.00	46.23 -0.05 0.00	48.34 -0.05 0.00	45.70 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.96 1.69 0.00	34.53 1.49 0.00	32.43 1.34 0.00	31.51 1.33 0.00	32.25 1.27 0.00	32.22 1.30 0.00	33.65 1.48 0.00	37.65 1.59 0.00	39.40 1.84 0.00	38.06 1.71 0.00	51.10 2.89 0.00	50.31 3.06 -0.18	49.14 2.72 -3.24	48.47 2.76 -2.52	49.73 2.72 -3.92	55.20 2.72 -9.25	63.31 2.89 -16.67	80.87 3.46 -25.82	74.44 3.51 -17.78	68.65 3.06 -18.46	62.01 3.27 -6.87	57.21 2.92 -8.02	51.75 3.10 -0.27	48.68 2.93 0.00
HARSNRAD_115KV_TB1 81005	32.55 -2.72 0.00	30.83 -2.21 0.00	29.23 -1.87 0.00	28.31 -1.87 0.00	29.46 -1.52 0.00	29.22 -1.70 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.74 -2.82 0.00	33.70 -2.65 0.00	43.39 -4.82 0.00	41.83 -5.27 -0.03	38.89 -4.79 -0.50	38.82 -4.75 -0.39	38.75 -4.96 -0.61	39.91 -4.75 -1.44	42.06 -4.29 -2.60	50.36 -5.26 -4.02	50.34 -5.58 -2.77	45.15 -4.85 -2.88	46.74 -5.50 -0.37	42.53 -5.00 -1.25	43.30 -5.13 -0.04	41.81 -3.93 0.00
HARZA MOOSE___RIVER 24016	35.48 0.21 0.00	33.24 0.20 0.00	31.31 0.22 0.00	30.36 0.18 0.00	31.22 0.25 0.00	31.17 0.25 0.00	32.43 0.26 0.00	36.39 0.32 0.00	37.94 0.38 0.00	36.61 0.25 0.00	48.69 0.48 0.00	47.55 0.47 -0.01	43.73 0.43 -0.12	43.66 0.39 -0.09	43.63 0.39 -0.15	44.09 0.52 -0.35	45.04 0.66 -0.62	53.34 0.77 -0.97	54.66 0.85 -0.66	48.62 0.80 -0.69	52.85 0.73 -0.26	47.14 0.56 -0.30	48.88 0.48 -0.01	46.20 0.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.52 -0.74 0.00	32.38 -0.66 0.00	30.50 -0.59 0.00	29.61 -0.57 0.00	30.45 -0.53 0.00	30.40 -0.53 0.00	31.63 -0.55 0.00	35.49 -0.58 0.00	36.92 -0.64 0.00	35.70 -0.65 0.00	47.44 -0.77 0.00	46.24 -0.85 -0.02	42.72 -0.78 -0.32	42.61 -0.82 -0.25	42.62 -0.86 -0.39	43.40 -0.73 -0.91	44.83 -0.57 -1.64	53.47 -0.67 -2.54	54.21 -0.69 -1.75	48.29 -0.66 -1.82	51.87 -0.67 -0.68	46.47 -0.60 -0.79	47.73 -0.68 -0.03	45.15 -0.59 0.00
HELLGATE_13_KV_LD 55870	37.46 2.19 -0.01	35.00 1.95 -0.01	32.87 1.77 -0.01	32.00 1.81 -0.01	32.72 1.73 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.19 2.13 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.46 2.19 -0.01	35.00 1.95 -0.01	32.87 1.77 -0.01	32.00 1.81 -0.01	32.72 1.73 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.19 2.13 0.00	39.96 2.40 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.82 4.78 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
HEMPSTEAD____ 23647	37.59 2.33 0.00	35.03 1.98 0.00	32.86 1.77 0.00	31.96 1.78 0.00	32.74 1.76 0.00	32.62 1.70 0.00	34.23 2.06 0.00	38.52 2.45 0.00	40.38 2.82 0.00	39.37 2.73 -0.29	52.02 3.81 0.00	51.16 3.90 -0.19	50.24 3.58 -3.48	49.57 3.63 -2.76	50.76 3.49 -4.18	56.54 3.33 -9.99	64.95 3.50 -17.69	83.66 4.38 -27.67	76.31 4.30 -18.86	70.34 3.63 -19.59	63.52 4.36 -7.29	58.53 3.75 -8.51	52.59 3.92 -0.28	49.59 3.84 0.00
HEWLETT__69_KV_BK3 55828	37.84 2.57 0.00	35.26 2.21 0.00	33.08 1.99 0.00	32.17 1.99 0.00	32.96 1.98 0.00	32.84 1.92 0.00	34.39 2.22 0.00	38.63 2.56 0.00	40.56 3.00 0.00	39.62 2.98 -0.29	52.36 4.15 0.00	51.54 4.28 -0.19	50.63 3.97 -3.48	49.96 4.02 -2.76	51.11 3.84 -4.18	56.93 3.72 -9.99	65.34 3.89 -17.69	84.12 4.85 -27.67	76.85 4.84 -18.86	70.82 4.10 -19.59	63.93 4.77 -7.29	58.90 4.12 -8.51	52.97 4.31 -0.28	49.91 4.16 0.00
HICKLING___1 23621	34.84 -0.42 0.00	32.84 -0.20 0.00	31.00 -0.09 0.00	30.09 -0.09 0.00	31.07 0.09 0.00	31.02 0.09 0.00	32.30 0.13 0.00	36.14 0.07 0.00	37.33 -0.23 0.00	36.10 -0.25 0.00	47.54 -0.67 0.00	46.23 -0.89 -0.05	42.67 -1.38 -0.87	42.44 -1.42 -0.68	42.56 -1.59 -1.06	44.39 -1.34 -2.50	47.26 -1.01 -4.50	57.34 -1.24 -6.98	56.62 -1.33 -4.80	50.94 -1.18 -4.99	52.90 -1.30 -2.32	47.20 -1.25 -2.17	47.10 -1.35 -0.07	45.43 -0.32 0.00
HICKLING___2 23622	34.84 -0.42 0.00	32.84 -0.20 0.00	31.00 -0.09 0.00	30.09 -0.09 0.00	31.07 0.09 0.00	31.02 0.09 0.00	32.30 0.13 0.00	36.14 0.07 0.00	37.33 -0.23 0.00	36.10 -0.25 0.00	47.54 -0.67 0.00	46.23 -0.89 -0.05	42.67 -1.38 -0.87	42.44 -1.42 -0.68	42.56 -1.59 -1.06	44.39 -1.34 -2.50	47.26 -1.01 -4.50	57.34 -1.24 -6.98	56.62 -1.33 -4.80	50.94 -1.18 -4.99	52.90 -1.30 -2.32	47.20 -1.25 -2.17	47.10 -1.35 -0.07	45.43 -0.32 0.00
HIGH FALLS___HY 23754	37.35 2.08 0.00	34.89 1.85 0.00	32.74 1.65 0.00	31.81 1.63 0.00	32.59 1.61 0.00	32.53 1.61 0.00	33.94 1.77 0.00	37.94 1.88 0.00	39.78 2.22 0.00	38.35 2.00 0.00	51.25 3.04 0.00	50.46 3.20 -0.19	49.41 2.81 -3.42	48.69 2.85 -2.66	50.04 2.80 -4.14	55.81 2.81 -9.77	64.42 3.06 -17.60	82.67 3.82 -27.26	75.80 3.88 -18.77	70.01 3.39 -19.49	62.60 3.48 -7.25	57.85 3.10 -8.46	52.00 3.34 -0.28	49.04 3.29 0.00
HILLBURN___GT 23639	36.96 1.69 0.00	34.53 1.49 0.00	32.43 1.34 0.00	31.54 1.36 0.00	32.28 1.30 0.00	32.22 1.30 0.00	33.72 1.54 0.00	37.83 1.77 0.00	39.51 1.95 0.00	38.17 1.82 0.00	51.34 3.13 0.00	50.54 3.29 -0.18	49.44 2.98 -3.28	48.76 3.02 -2.55	50.00 2.93 -3.97	55.54 2.94 -9.37	63.71 3.06 -16.89	81.41 3.66 -26.15	74.88 3.72 -18.01	69.08 3.25 -18.70	62.31 3.48 -6.96	57.50 3.10 -8.12	51.90 3.24 -0.27	48.77 3.02 0.00
HILLSIDE_115KV_TB1 80332	34.52 -0.74 0.00	32.55 -0.50 0.00	30.72 -0.37 0.00	29.82 -0.36 0.00	30.79 -0.19 0.00	30.68 -0.25 0.00	31.98 -0.19 0.00	35.78 -0.29 0.00	37.00 -0.56 0.00	35.77 -0.58 0.00	47.15 -1.06 0.00	45.85 -1.27 -0.05	42.36 -1.73 -0.91	42.16 -1.73 -0.71	42.30 -1.90 -1.10	44.13 -1.69 -2.59	47.03 -1.40 -4.67	57.07 -1.75 -7.23	56.27 -1.86 -4.98	50.65 -1.65 -5.17	52.34 -1.82 -2.29	46.86 -1.67 -2.25	46.67 -1.79 -0.07	45.02 -0.73 0.00

HISHELDN_WT_PWR 323625	33.11 -2.15 0.00	31.29 -1.75 0.00	29.66 -1.43 0.00	28.82 -1.36 0.00	29.86 -1.11 0.00	29.69 -1.24 0.00	30.95 -1.22 0.00	34.73 -1.33 0.00	35.42 -2.14 0.00	34.32 -2.03 0.00	44.40 -3.81 0.00	43.20 -3.91 -0.03	39.56 -4.23 -0.60	39.42 -4.23 -0.47	39.39 -4.44 -0.73	40.80 -4.15 -1.73	43.10 -3.76 -3.11	51.77 -4.64 -4.82	51.58 -4.89 -3.32	46.29 -4.29 -3.45	45.98 -4.82 1.07	43.38 -4.40 -1.50	43.94 -4.50 -0.05	42.73 -3.02 0.00
HOLTSVILLE_IC_1 23690	38.16 2.89 0.00	35.49 2.45 0.00	33.30 2.21 0.00	32.38 2.20 0.00	33.21 2.23 0.00	33.06 2.13 0.00	34.71 2.54 0.00	39.10 3.03 0.00	40.94 3.38 0.00	39.92 3.27 -0.29	52.55 4.34 0.00	51.64 4.38 -0.19	50.59 3.93 -3.48	49.96 4.02 -2.76	51.16 3.88 -4.18	56.93 3.72 -9.99	65.25 3.80 -17.69	84.12 4.85 -27.67	76.74 4.73 -18.86	70.62 3.91 -19.59	64.40 5.24 -7.29	58.90 4.12 -8.51	52.97 4.30 -0.28	50.14 4.39 0.00
HOLTSVILLE_IC_10 23699	38.33 3.07 0.00	35.65 2.61 0.00	33.43 2.33 0.00	32.53 2.36 0.00	33.36 2.39 0.00	33.21 2.29 0.00	34.88 2.70 0.00	39.27 3.21 0.00	41.13 3.57 0.00	40.10 3.46 -0.29	52.74 4.53 0.00	51.82 4.56 -0.19	50.76 4.10 -3.48	50.13 4.19 -2.76	51.37 4.10 -4.18	57.15 3.93 -9.99	65.47 4.02 -17.69	84.43 5.16 -27.67	77.06 5.05 -18.86	70.91 4.19 -19.59	64.71 5.55 -7.29	59.18 4.40 -8.51	53.21 4.55 -0.28	50.37 4.62 0.00
HOLTSVILLE_IC_2 23691	38.16 2.89 0.00	35.49 2.45 0.00	33.30 2.21 0.00	32.38 2.20 0.00	33.21 2.23 0.00	33.06 2.13 0.00	34.71 2.54 0.00	39.10 3.03 0.00	40.94 3.38 0.00	39.92 3.27 -0.29	52.55 4.34 0.00	51.64 4.38 -0.19	50.59 3.93 -3.48	49.96 4.02 -2.76	51.16 3.88 -4.18	56.93 3.72 -9.99	65.25 3.80 -17.69	84.12 4.85 -27.67	76.74 4.73 -18.86	70.62 3.91 -19.59	64.40 5.24 -7.29	58.90 4.12 -8.51	52.97 4.30 -0.28	50.14 4.39 0.00
HOLTSVILLE_IC_3 23692	38.16 2.89 0.00	35.49 2.45 0.00	33.30 2.21 0.00	32.38 2.20 0.00	33.21 2.23 0.00	33.06 2.13 0.00	34.71 2.54 0.00	39.10 3.03 0.00	40.94 3.38 0.00	39.92 3.27 -0.29	52.55 4.34 0.00	51.64 4.38 -0.19	50.59 3.93 -3.48	49.96 4.02 -2.76	51.16 3.88 -4.18	56.93 3.72 -9.99	65.25 3.80 -17.69	84.12 4.85 -27.67	76.74 4.73 -18.86	70.62 3.91 -19.59	64.40 5.24 -7.29	58.90 4.12 -8.51	52.97 4.30 -0.28	50.14 4.39 0.00
HOLTSVILLE_IC_4 23693	38.16 2.89 0.00	35.49 2.45 0.00	33.30 2.21 0.00	32.38 2.20 0.00	33.21 2.23 0.00	33.06 2.13 0.00	34.71 2.54 0.00	39.10 3.03 0.00	40.94 3.38 0.00	39.92 3.27 -0.29	52.55 4.34 0.00	51.64 4.38 -0.19	50.59 3.93 -3.48	49.96 4.02 -2.76	51.16 3.88 -4.18	56.93 3.72 -9.99	65.25 3.80 -17.69	84.12 4.85 -27.67	76.74 4.73 -18.86	70.62 3.91 -19.59	64.40 5.24 -7.29	58.90 4.12 -8.51	52.97 4.30 -0.28	50.14 4.39 0.00
HOLTSVILLE_IC_5 23694	38.16 2.89 0.00	35.49 2.45 0.00	33.30 2.21 0.00	32.38 2.20 0.00	33.21 2.23 0.00	33.06 2.13 0.00	34.71 2.54 0.00	39.10 3.03 0.00	40.94 3.38 0.00	39.92 3.27 -0.29	52.55 4.34 0.00	51.64 4.38 -0.19	50.59 3.93 -3.48	49.96 4.02 -2.76	51.16 3.88 -4.18	56.93 3.72 -9.99	65.25 3.80 -17.69	84.12 4.85 -27.67	76.74 4.73 -18.86	70.62 3.91 -19.59	64.40 5.24 -7.29	58.90 4.12 -8.51	52.97 4.30 -0.28	50.14 4.39 0.00
HOLTSVILLE_IC_6 23695	38.33 3.07 0.00	35.65 2.61 0.00	33.43 2.33 0.00	32.53 2.36 0.00	33.36 2.39 0.00	33.21 2.29 0.00	34.88 2.70 0.00	39.27 3.21 0.00	41.13 3.57 0.00	40.10 3.46 -0.29	52.74 4.53 0.00	51.82 4.56 -0.19	50.76 4.10 -3.48	50.13 4.19 -2.76	51.37 4.10 -4.18	57.15 3.93 -9.99	65.47 4.02 -17.69	84.43 5.16 -27.67	77.06 5.05 -18.86	70.91 4.19 -19.59	64.71 5.55 -7.29	59.18 4.40 -8.51	53.21 4.55 -0.28	50.37 4.62 0.00
HOLTSVILLE_IC_7 23696	38.33 3.07 0.00	35.65 2.61 0.00	33.43 2.33 0.00	32.53 2.36 0.00	33.36 2.39 0.00	33.21 2.29 0.00	34.88 2.70 0.00	39.27 3.21 0.00	41.13 3.57 0.00	40.10 3.46 -0.29	52.74 4.53 0.00	51.82 4.56 -0.19	50.76 4.10 -3.48	50.13 4.19 -2.76	51.37 4.10 -4.18	57.15 3.93 -9.99	65.47 4.02 -17.69	84.43 5.16 -27.67	77.06 5.05 -18.86	70.91 4.19 -19.59	64.71 5.55 -7.29	59.18 4.40 -8.51	53.21 4.55 -0.28	50.37 4.62 0.00
HOLTSVILLE_IC_8 23697	38.33 3.07 0.00	35.65 2.61 0.00	33.43 2.33 0.00	32.53 2.36 0.00	33.36 2.39 0.00	33.21 2.29 0.00	34.88 2.70 0.00	39.27 3.21 0.00	41.13 3.57 0.00	40.10 3.46 -0.29	52.74 4.53 0.00	51.82 4.56 -0.19	50.76 4.10 -3.48	50.13 4.19 -2.76	51.37 4.10 -4.18	57.15 3.93 -9.99	65.47 4.02 -17.69	84.43 5.16 -27.67	77.06 5.05 -18.86	70.91 4.19 -19.59	64.71 5.55 -7.29	59.18 4.40 -8.51	53.21 4.55 -0.28	50.37 4.62 0.00
HOLTSVILLE_IC_9 23698	38.33 3.07 0.00	35.65 2.61 0.00	33.43 2.33 0.00	32.53 2.36 0.00	33.36 2.39 0.00	33.21 2.29 0.00	34.88 2.70 0.00	39.27 3.21 0.00	41.13 3.57 0.00	40.10 3.46 -0.29	52.74 4.53 0.00	51.82 4.56 -0.19	50.76 4.10 -3.48	50.13 4.19 -2.76	51.37 4.10 -4.18	57.15 3.93 -9.99	65.47 4.02 -17.69	84.43 5.16 -27.67	77.06 5.05 -18.86	70.91 4.19 -19.59	64.71 5.55 -7.29	59.18 4.40 -8.51	53.21 4.55 -0.28	50.37 4.62 0.00
HOMER_HL_115KV_TB2 355744	34.00 -1.27 0.00	32.15 -0.89 0.00	30.47 -0.62 0.00	29.61 -0.57 0.00	30.70 -0.28 0.00	30.49 -0.43 0.00	31.88 -0.29 0.00	35.56 -0.50 0.00	36.40 -1.16 0.00	35.33 -1.02 0.00	45.70 -2.51 0.00	44.19 -2.92 -0.03	38.84 -4.97 -0.62	38.74 -4.92 -0.48	38.72 -5.13 -0.75	40.11 -4.88 -1.77	42.36 -4.59 -3.19	51.02 -5.52 -4.95	50.71 -5.85 -3.41	45.48 -5.18 -3.54	47.24 -5.71 -1.08	42.68 -5.14 -1.54	43.16 -5.27 -0.05	44.01 -1.74 0.00
HOWARD_WT_PWR 323690	34.21 -1.06 0.00	32.35 -0.70 0.00	30.63 -0.47 0.00	29.76 -0.42 0.00	30.76 -0.22 0.00	30.61 -0.31 0.00	31.82 -0.35 0.00	35.67 -0.40 0.00	36.62 -0.94 0.00	35.37 -0.98 0.00	46.28 -1.93 0.00	45.04 -2.07 -0.04	41.26 -2.64 -0.72	41.02 -2.72 -0.56	41.08 -2.89 -0.87	42.72 -2.55 -2.05	45.39 -2.06 -3.69	54.84 -2.48 -5.72	54.54 -2.55 -3.94	48.96 -2.26 -4.09	53.54 -2.49 -4.16	45.60 -2.45 -1.78	45.88 -2.57 -0.06	44.42 -1.33 0.00
HQ_GEN_CEDARS 23644	35.41 0.14 0.00	33.08 0.03 0.00	31.12 0.03 0.00	30.15 -0.03 0.00	30.94 -0.03 0.00	30.86 -0.06 0.00	32.01 -0.16 0.00	35.96 -0.11 0.00	37.18 -0.38 0.00	36.02 -0.33 0.00	47.30 -0.92 0.00	46.32 -0.75 0.00	42.53 -0.65 0.00	42.49 -0.69 0.00	42.45 -0.65 0.00	42.32 -0.91 0.00	42.71 -1.05 0.00	50.51 -1.08 0.00	52.08 -1.06 0.00	46.19 -0.94 0.00	50.78 -1.09 0.00	45.22 -1.06 0.00	47.37 -1.02 0.00	44.70 -1.05 0.00
HQ_GEN_CEDARS_PROXY 323590	35.41 0.14 0.00	33.08 0.03 0.00	31.12 0.03 0.00	30.15 -0.03 0.00	30.94 -0.03 0.00	30.86 -0.06 0.00	32.01 -0.16 0.00	35.67 -0.40 0.00	37.18 -0.38 0.00	38.18 -0.33 -2.16	45.14 -0.92 2.16	46.27 -0.80 0.00	42.54 -0.65 0.00	42.49 -0.69 0.00	42.45 -0.65 0.00	42.31 -0.91 0.00	42.71 -1.05 0.00	50.57 -1.03 0.00	52.08 -1.06 0.00	46.19 -0.94 0.00	50.78 -1.09 0.00	45.22 -1.06 0.00	47.37 -1.02 0.00	44.70 -1.05 0.00

HQ_GEN_IMPORT 323601	35.30 0.04 0.00	33.04 0.00 0.00	31.06 -0.03 0.00	30.15 -0.03 0.00	30.91 -0.06 0.00	30.89 -0.03 0.00	32.08 -0.10 0.00	35.96 -0.11 0.00	37.49 -0.07 0.00	41.26 -0.07 -4.98	42.75 -0.48 4.98	46.56 -0.52 0.00	42.75 -0.43 0.00	42.75 -0.43 0.00	42.75 -0.35 0.00	42.75 -0.47 0.00	43.10 -0.66 0.00	50.88 -0.72 0.00	52.40 -0.74 0.00	46.51 -0.61 0.00	51.14 -0.73 0.00	45.63 -0.65 0.00	47.71 -0.68 0.00	45.06 -0.68 0.00
HQ_GEN_WHEEL 23651	35.30 0.04 0.00	33.04 0.00 0.00	31.06 -0.03 0.00	30.15 -0.03 0.00	30.91 -0.06 0.00	30.89 -0.03 0.00	32.08 -0.10 0.00	35.96 -0.11 0.00	37.49 -0.07 0.00	41.26 -0.07 -4.98	42.75 -0.48 4.98	46.56 -0.52 0.00	42.75 -0.43 0.00	42.75 -0.43 0.00	42.75 -0.35 0.00	42.75 -0.47 0.00	43.10 -0.66 0.00	50.88 -0.72 0.00	52.40 -0.74 0.00	46.51 -0.61 0.00	51.14 -0.73 0.00	45.63 -0.65 0.00	47.71 -0.68 0.00	45.06 -0.68 0.00
HUDSON AVE_GT_3 23810	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.93 2.37 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.28 3.76 -4.34	51.38 3.80 -4.40	51.34 3.71 -4.54	60.32 3.72 -13.38	65.37 3.85 -17.76	89.52 4.59 -33.33	76.60 4.57 -18.88	70.74 4.01 -19.60	63.42 4.25 -7.29	58.64 3.84 -8.51	52.64 3.97 -0.28	49.41 3.66 0.00
HUDSON AVE_GT_4 23540	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.93 2.37 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.28 3.76 -4.34	51.38 3.80 -4.40	51.34 3.71 -4.54	60.32 3.72 -13.38	65.37 3.85 -17.76	89.52 4.59 -33.33	76.60 4.57 -18.88	70.74 4.01 -19.60	63.42 4.25 -7.29	58.64 3.84 -8.51	52.64 3.97 -0.28	49.41 3.66 0.00
HUDSON AVE_GT_5 23657	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.93 2.37 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.28 3.76 -4.34	51.38 3.80 -4.40	51.34 3.71 -4.54	60.32 3.72 -13.38	65.37 3.85 -17.76	89.52 4.59 -33.33	76.60 4.57 -18.88	70.74 4.01 -19.60	63.42 4.25 -7.29	58.64 3.84 -8.51	52.64 3.97 -0.28	49.41 3.66 0.00
HUDSON_AVE_10 24168	37.17 1.90 0.00	34.73 1.69 0.00	32.59 1.49 0.00	31.72 1.54 0.00	32.40 1.42 0.00	32.41 1.48 0.00	33.94 1.77 0.00	38.05 1.98 0.00	39.85 2.29 0.00	38.60 2.25 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.32 3.80 -4.34	51.38 3.80 -4.40	51.39 3.75 -4.54	60.32 3.72 -13.38	65.37 3.85 -17.76	89.58 4.64 -33.33	76.55 4.52 -18.88	70.69 3.96 -19.60	63.31 4.15 -7.29	58.54 3.75 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00
HUDSON___115KV_TB 4 355613	36.61 1.34 0.00	34.23 1.19 0.00	32.21 1.12 0.00	31.27 1.09 0.00	32.03 1.05 0.00	31.94 1.02 0.00	33.27 1.09 0.00	37.15 1.08 0.00	38.50 0.94 0.00	37.33 0.98 0.00	50.38 2.17 0.00	49.37 2.07 -0.22	48.95 1.64 -4.13	47.99 1.60 -3.22	49.74 1.64 -5.00	56.76 1.73 -11.80	66.90 1.88 -21.26	86.74 2.22 -32.92	78.16 2.34 -22.67	72.79 2.12 -23.54	62.97 2.33 -8.76	58.54 2.04 -10.22	51.05 2.32 -0.34	48.08 2.33 0.00
HUNTER MOUNT___DRP 323613	36.68 1.41 0.00	34.30 1.26 0.00	32.27 1.18 0.00	31.30 1.12 0.00	32.09 1.12 0.00	31.97 1.05 0.00	33.27 1.09 0.00	37.08 1.01 0.00	38.50 0.94 0.00	37.30 0.95 0.00	50.28 2.07 0.00	49.27 1.98 -0.22	48.53 1.34 -4.01	47.64 1.34 -3.12	49.34 1.38 -4.86	56.16 1.47 -11.47	66.08 1.66 -20.66	85.65 2.06 -31.99	77.31 2.13 -22.03	71.99 1.98 -22.88	62.51 2.13 -8.51	58.07 1.85 -9.93	50.99 2.27 -0.33	48.17 2.42 0.00
HUNTINGTON_RES_REC 323705	37.88 2.61 0.00	35.26 2.21 0.00	33.05 1.96 0.00	32.17 1.99 0.00	32.96 1.98 0.00	32.84 1.92 0.00	34.49 2.32 0.00	38.81 2.74 0.00	40.68 3.12 0.00	39.66 3.02 -0.29	52.07 3.86 0.00	51.16 3.90 -0.19	50.20 3.54 -3.48	49.57 3.63 -2.76	50.76 3.49 -4.18	56.59 3.37 -9.99	64.99 3.54 -17.69	83.81 4.54 -27.67	76.42 4.41 -18.86	70.39 3.68 -19.59	63.83 4.67 -7.29	58.58 3.80 -8.51	52.59 3.92 -0.28	49.73 3.98 0.00
HUNTLEY___63 23557	32.69 -2.57 0.00	30.93 -2.11 0.00	29.35 -1.74 0.00	28.43 -1.75 0.00	29.58 -1.39 0.00	29.35 -1.58 0.00	30.60 -1.58 0.00	34.37 -1.70 0.00	34.93 -2.63 0.00	33.92 -2.44 0.00	43.63 -4.58 0.00	42.06 -5.04 -0.03	39.04 -4.66 -0.52	38.92 -4.66 -0.41	38.86 -4.87 -0.63	40.13 -4.58 -1.49	42.24 -4.20 -2.68	50.60 -5.16 -4.16	50.54 -5.47 -2.86	45.34 -4.76 -2.97	47.04 -5.19 -0.35	42.76 -4.81 -1.29	43.44 -4.98 -0.04	42.09 -3.66 0.00
HUNTLEY___64 23558	32.69 -2.57 0.00	30.93 -2.11 0.00	29.35 -1.74 0.00	28.43 -1.75 0.00	29.58 -1.39 0.00	29.35 -1.58 0.00	30.60 -1.58 0.00	34.37 -1.70 0.00	34.93 -2.63 0.00	33.92 -2.44 0.00	43.63 -4.58 0.00	42.06 -5.04 -0.03	39.04 -4.66 -0.52	38.92 -4.66 -0.41	38.86 -4.87 -0.63	40.13 -4.58 -1.49	42.24 -4.20 -2.68	50.60 -5.16 -4.16	50.54 -5.47 -2.86	45.34 -4.76 -2.97	47.04 -5.19 -0.35	42.76 -4.81 -1.29	43.44 -4.98 -0.04	42.09 -3.66 0.00
HUNTLEY___65 23559	32.69 -2.57 0.00	30.93 -2.11 0.00	29.35 -1.74 0.00	28.43 -1.75 0.00	29.58 -1.39 0.00	29.35 -1.58 0.00	30.60 -1.58 0.00	34.37 -1.70 0.00	34.93 -2.63 0.00	33.92 -2.44 0.00	43.63 -4.58 0.00	42.06 -5.04 -0.03	39.04 -4.66 -0.52	38.92 -4.66 -0.41	38.86 -4.87 -0.63	40.13 -4.58 -1.49	42.24 -4.20 -2.68	50.60 -5.16 -4.16	50.54 -5.47 -2.86	45.34 -4.76 -2.97	47.04 -5.19 -0.35	42.76 -4.81 -1.29	43.44 -4.98 -0.04	42.09 -3.66 0.00
HUNTLEY___66 23560	32.69 -2.57 0.00	30.93 -2.11 0.00	29.35 -1.74 0.00	28.43 -1.75 0.00	29.58 -1.39 0.00	29.35 -1.58 0.00	30.60 -1.58 0.00	34.37 -1.70 0.00	34.93 -2.63 0.00	33.92 -2.44 0.00	43.63 -4.58 0.00	42.06 -5.04 -0.03	39.04 -4.66 -0.52	38.92 -4.66 -0.41	38.86 -4.87 -0.63	40.13 -4.58 -1.49	42.24 -4.20 -2.68	50.60 -5.16 -4.16	50.54 -5.47 -2.86	45.34 -4.76 -2.97	47.04 -5.19 -0.35	42.76 -4.81 -1.29	43.44 -4.98 -0.04	42.09 -3.66 0.00
HUNTLEY___67 23561	32.69 -2.57 0.00	30.93 -2.11 0.00	29.32 -1.77 0.00	28.43 -1.75 0.00	29.55 -1.42 0.00	29.32 -1.61 0.00	30.63 -1.54 0.00	34.37 -1.70 0.00	34.93 -2.63 0.00	33.88 -2.47 0.00	43.68 -4.53 0.00	42.11 -4.99 -0.03	38.96 -4.75 -0.53	38.89 -4.71 -0.41	38.83 -4.91 -0.65	40.12 -4.63 -1.52	42.26 -4.24 -2.74	50.64 -5.21 -4.25	50.55 -5.53 -2.93	45.36 -4.81 -3.04	46.68 -5.45 -0.26	42.69 -4.91 -1.32	43.35 -5.08 -0.04	42.04 -3.71 0.00
HUNTLEY___68 23562	32.69 -2.57 0.00	30.93 -2.11 0.00	29.32 -1.77 0.00	28.43 -1.75 0.00	29.55 -1.42 0.00	29.32 -1.61 0.00	30.63 -1.54 0.00	34.37 -1.70 0.00	34.93 -2.63 0.00	33.88 -2.47 0.00	43.68 -4.53 0.00	42.11 -4.99 -0.03	38.96 -4.75 -0.53	38.89 -4.71 -0.41	38.83 -4.91 -0.65	40.12 -4.63 -1.52	42.26 -4.24 -2.74	50.64 -5.21 -4.25	50.55 -5.53 -2.93	45.36 -4.81 -3.04	46.68 -5.45 -0.26	42.69 -4.91 -1.32	43.35 -5.08 -0.04	42.04 -3.71 0.00

HYLAND___LFGE 323620	35.30 0.04 0.00	33.24 0.20 0.00	31.40 0.31 0.00	30.42 0.24 0.00	31.53 0.56 0.00	31.42 0.49 0.00	32.69 0.51 0.00	36.90 0.83 0.00	37.94 0.38 0.00	36.42 0.07 0.00	47.63 -0.58 0.00	46.30 -0.80 -0.03	42.61 -1.16 -0.59	42.48 -1.16 -0.46	42.56 -1.25 -0.72	44.14 -0.78 -1.69	46.80 0.00 -3.04	56.72 0.41 -4.71	56.82 0.42 -3.25	50.69 0.19 -3.37	56.27 0.21 -4.19	47.51 -0.23 -1.46	48.04 -0.39 -0.05	45.93 0.18 0.00
INDECK___CORINTH 23802	37.31 2.04 0.00	34.86 1.82 0.00	32.96 1.87 0.00	31.96 1.78 0.00	32.77 1.80 0.00	32.62 1.70 0.00	33.81 1.64 0.00	37.94 1.87 0.00	39.44 1.88 0.00	38.13 1.78 0.00	50.96 2.75 0.00	49.94 2.63 -0.24	49.85 2.29 -4.38	48.84 2.24 -3.41	50.69 2.28 -5.31	58.21 2.46 -12.52	68.98 2.67 -22.55	89.83 3.31 -34.93	80.45 3.24 -24.06	75.03 2.92 -24.98	64.33 3.16 -9.30	60.23 3.10 -10.85	51.89 3.14 -0.36	49.00 3.25 0.00
INDECK___ILION 23567	35.55 0.28 0.00	33.34 0.30 0.00	31.37 0.28 0.00	30.42 0.24 0.00	31.19 0.22 0.00	31.11 0.19 0.00	32.37 0.19 0.00	36.32 0.25 0.00	37.90 0.34 0.00	36.68 0.33 0.00	48.84 0.63 0.00	47.73 0.66 0.00	43.74 0.56 0.00	43.70 0.52 0.00	43.57 0.47 0.00	43.74 0.52 0.00	44.33 0.57 0.00	52.22 0.62 0.00	53.79 0.64 0.00	47.74 0.61 0.00	52.49 0.62 0.00	46.84 0.56 0.00	48.97 0.58 0.00	46.30 0.55 0.00
INDECK___OLEAN 23982	34.00 -1.27 0.00	32.15 -0.89 0.00	30.47 -0.62 0.00	29.60 -0.57 0.00	30.70 -0.28 0.00	30.49 -0.43 0.00	31.85 -0.32 0.00	35.60 -0.47 0.00	36.40 -1.16 0.00	35.33 -1.02 0.00	45.70 -2.51 0.00	44.42 -2.68 -0.03	38.84 -4.96 -0.62	38.74 -4.92 -0.48	38.72 -5.13 -0.75	40.11 -4.88 -1.77	42.36 -4.59 -3.19	50.97 -5.57 -4.95	50.71 -5.85 -3.41	45.48 -5.18 -3.54	47.24 -5.71 -1.08	42.63 -5.18 -1.54	43.16 -5.27 -0.05	44.01 -1.74 0.00
INDECK___OSWEGO 23783	34.10 -1.16 0.00	31.98 -1.06 0.00	30.13 -0.96 0.00	29.24 -0.94 0.00	30.05 -0.93 0.00	30.00 -0.93 0.00	31.18 -1.00 0.00	35.02 -1.05 0.00	36.40 -1.16 0.00	35.22 -1.13 0.00	46.81 -1.40 0.00	45.72 -1.37 -0.01	42.19 -1.25 -0.27	42.10 -1.29 -0.21	42.08 -1.34 -0.32	42.73 -1.25 -0.76	43.99 -1.37 -1.37	52.38 -1.34 -2.12	53.23 -1.38 -1.46	47.42 -1.23 -1.52	51.14 -1.29 -0.57	45.83 -1.11 -0.66	47.20 -1.21 -0.02	44.61 -1.14 0.00
INDECK___YERKES 23781	32.73 -2.54 0.00	30.99 -2.05 0.00	29.35 -1.74 0.00	28.46 -1.72 0.00	29.58 -1.39 0.00	29.38 -1.55 0.00	30.60 -1.58 0.00	34.41 -1.66 0.00	34.97 -2.59 0.00	33.92 -2.44 0.00	43.63 -4.58 0.00	42.39 -4.71 -0.03	39.04 -4.66 -0.52	38.97 -4.62 -0.41	38.90 -4.83 -0.63	40.13 -4.58 -1.49	42.24 -4.20 -2.68	50.60 -5.16 -4.16	50.59 -5.42 -2.86	45.39 -4.71 -2.97	46.88 -5.34 -0.35	42.76 -4.81 -1.29	43.49 -4.94 -0.04	42.13 -3.61 0.00
INDIAN POINT_GT_1 24139	36.99 1.73 0.00	34.56 1.52 0.00	32.46 1.37 0.00	31.57 1.39 0.00	32.28 1.30 0.00	32.25 1.33 0.00	33.75 1.58 0.00	37.80 1.73 0.00	39.59 2.03 0.00	38.28 1.93 0.00	51.44 3.23 0.00	50.65 3.39 -0.19	49.72 3.11 -3.43	49.04 3.15 -2.71	50.33 3.10 -4.13	56.13 3.07 -9.84	64.45 3.19 -17.49	82.77 3.87 -27.30	75.68 3.88 -18.66	69.89 3.39 -19.37	62.71 3.63 -7.21	57.93 3.24 -8.41	52.00 3.34 -0.28	48.86 3.11 0.00
INDIAN POINT_GT_2 23659	36.99 1.73 0.00	34.56 1.52 0.00	32.46 1.37 0.00	31.57 1.39 0.00	32.28 1.30 0.00	32.25 1.33 0.00	33.75 1.58 0.00	37.80 1.73 0.00	39.59 2.03 0.00	38.28 1.93 0.00	51.44 3.23 0.00	50.65 3.39 -0.19	49.72 3.11 -3.43	49.04 3.15 -2.71	50.33 3.10 -4.13	56.13 3.07 -9.84	64.45 3.19 -17.49	82.77 3.87 -27.30	75.68 3.88 -18.66	69.89 3.39 -19.37	62.71 3.63 -7.21	57.93 3.24 -8.41	52.00 3.34 -0.28	48.86 3.11 0.00
INDIAN POINT_GT_3 24019	36.99 1.73 0.00	34.56 1.52 0.00	32.46 1.37 0.00	31.57 1.39 0.00	32.28 1.30 0.00	32.25 1.33 0.00	33.75 1.58 0.00	37.80 1.73 0.00	39.59 2.03 0.00	38.28 1.93 0.00	51.44 3.23 0.00	50.65 3.39 -0.19	49.72 3.11 -3.43	49.04 3.15 -2.71	50.33 3.10 -4.13	56.13 3.07 -9.84	64.45 3.19 -17.49	82.77 3.87 -27.30	75.68 3.88 -18.66	69.89 3.39 -19.37	62.71 3.63 -7.21	57.93 3.24 -8.41	52.00 3.34 -0.28	48.86 3.11 0.00
INDIAN POINT___2 23530	36.96 1.69 0.00	34.53 1.49 0.00	32.43 1.34 0.00	31.54 1.36 0.00	32.25 1.27 0.00	32.22 1.30 0.00	33.72 1.54 0.00	37.83 1.77 0.00	39.51 1.95 0.00	38.20 1.85 0.00	51.39 3.18 0.00	50.60 3.34 -0.18	49.64 3.07 -3.39	48.92 3.07 -2.67	50.19 3.02 -4.08	55.92 2.98 -9.72	64.15 3.11 -17.29	82.29 3.72 -26.97	75.36 3.77 -18.44	69.57 3.30 -19.14	62.52 3.53 -7.12	57.74 3.15 -8.31	51.90 3.24 -0.28	48.81 3.07 0.00
INDIAN POINT___3 23531	36.96 1.69 0.00	34.56 1.52 0.00	32.43 1.34 0.00	31.57 1.39 0.00	32.28 1.30 0.00	32.25 1.33 0.00	33.72 1.54 0.00	37.80 1.73 0.00	39.55 1.99 0.00	38.24 1.89 0.00	51.39 3.18 0.00	50.60 3.34 -0.19	49.68 3.07 -3.43	49.00 3.11 -2.70	50.24 3.02 -4.13	56.08 3.03 -9.83	64.40 3.15 -17.50	82.66 3.77 -27.29	75.58 3.77 -18.66	69.80 3.30 -19.37	62.61 3.53 -7.21	57.89 3.19 -8.41	51.95 3.29 -0.28	48.81 3.07 0.00
INGHAM_C_115KV_TB7 356103	35.48 0.21 0.00	33.27 0.23 0.00	31.31 0.22 0.00	30.30 0.12 0.00	31.04 0.06 0.00	30.92 0.00 0.00	32.17 0.00 0.00	36.17 0.11 0.00	37.82 0.26 0.00	36.57 0.22 0.00	48.74 0.53 0.00	47.68 0.61 0.00	43.61 0.43 0.00	43.53 0.35 0.00	43.35 0.26 0.00	43.57 0.35 0.00	44.06 0.31 0.00	51.96 0.36 0.00	53.52 0.37 0.00	47.46 0.33 0.00	52.23 0.36 0.00	46.56 0.28 0.00	48.68 0.29 0.00	46.02 0.27 0.00
IP CORINTH___1 23988	37.31 2.05 0.00	34.86 1.82 0.00	32.96 1.87 0.00	31.96 1.78 0.00	32.77 1.80 0.00	32.62 1.70 0.00	33.81 1.64 0.00	37.94 1.88 0.00	39.44 1.88 0.00	38.13 1.78 0.00	50.96 2.75 0.00	49.90 2.59 -0.24	49.85 2.29 -4.38	48.84 2.25 -3.41	50.69 2.28 -5.31	58.21 2.46 -12.52	68.98 2.67 -22.55	89.83 3.30 -34.93	80.45 3.24 -24.06	75.03 2.92 -24.98	64.33 3.16 -9.30	60.23 3.10 -10.85	51.89 3.15 -0.36	49.00 3.25 0.00
IP___TICONDEROGA 23804	38.69 3.42 0.00	36.05 3.01 0.00	34.05 2.95 0.00	32.99 2.81 0.00	33.83 2.85 0.00	33.61 2.69 0.00	34.97 2.80 0.00	39.28 3.21 0.00	40.75 3.19 0.00	39.59 3.24 0.00	52.89 4.68 0.00	51.64 4.33 -0.24	51.36 3.80 -4.37	50.26 3.67 -3.41	52.19 3.79 -5.30	59.84 4.11 -12.51	70.71 4.42 -22.53	92.01 5.52 -34.89	82.60 5.42 -24.03	76.98 4.90 -24.95	66.50 5.34 -9.29	61.97 4.86 -10.83	53.68 4.94 -0.36	50.64 4.89 0.00
ISLIP_RES_REC 323679	38.44 3.18 0.00	35.75 2.71 0.00	33.52 2.43 0.00	32.62 2.44 0.00	33.45 2.48 0.00	33.30 2.38 0.00	34.97 2.80 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	52.01 4.75 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.32 4.11 -9.99	65.69 4.24 -17.69	84.69 5.42 -27.67	77.33 5.31 -18.86	71.10 4.38 -19.59	64.97 5.81 -7.29	59.37 4.58 -8.51	53.41 4.74 -0.28	50.55 4.80 0.00

JAMAICA__27_KV_LOAD 355505	37.35 2.08 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.84 1.66 0.00	32.52 1.55 0.00	32.53 1.61 0.00	34.10 1.93 0.00	38.23 2.16 0.00	40.15 2.59 0.00	38.86 2.51 0.00	52.26 4.05 0.00	51.60 4.33 -0.20	51.84 4.32 -4.34	51.94 4.36 -4.40	51.90 4.27 -4.54	61.64 4.28 -14.13	65.99 4.46 -17.76	91.52 5.31 -34.61	77.08 5.05 -18.88	71.16 4.43 -19.60	63.73 4.56 -7.29	58.91 4.12 -8.51	52.93 4.26 -0.28	49.64 3.89 0.00
JANIS__SOLAR 323808	36.43 1.16 0.00	34.20 1.16 0.00	32.24 1.15 0.00	31.26 1.08 0.00	32.31 1.33 0.00	32.35 1.42 0.00	33.75 1.58 0.00	37.94 1.87 0.00	39.40 1.84 0.00	37.91 1.56 0.00	50.24 2.02 0.00	49.01 1.88 -0.05	45.50 1.38 -0.94	45.21 1.29 -0.73	45.49 1.25 -1.14	47.56 1.64 -2.69	50.74 2.14 -4.84	61.73 2.63 -7.50	61.08 2.76 -5.17	54.94 2.45 -5.36	56.66 2.59 -2.20	50.64 2.03 -2.33	50.45 1.98 -0.08	47.90 2.15 0.00
JARVIS____ 23743	35.44 0.18 0.00	33.21 0.17 0.00	31.25 0.16 0.00	30.36 0.18 0.00	31.13 0.16 0.00	31.08 0.16 0.00	32.34 0.16 0.00	36.25 0.18 0.00	37.75 0.19 0.00	36.53 0.18 0.00	48.64 0.43 0.00	47.49 0.42 0.00	43.57 0.39 0.00	43.57 0.39 0.00	43.48 0.39 0.00	43.66 0.43 0.00	44.19 0.44 0.00	52.11 0.52 0.00	53.68 0.53 0.00	47.60 0.47 0.00	52.39 0.52 0.00	46.74 0.46 0.00	48.87 0.48 0.00	46.20 0.46 0.00
JENNISON____1 23625	36.85 1.59 0.00	34.63 1.59 0.00	32.62 1.52 0.00	31.63 1.45 0.00	32.65 1.67 0.00	32.66 1.73 0.00	34.10 1.93 0.00	38.27 2.20 0.00	39.81 2.25 0.00	38.39 2.04 0.00	51.06 2.84 0.00	49.82 2.68 -0.07	46.55 2.16 -1.21	46.20 2.07 -0.94	46.55 1.98 -1.47	48.98 2.29 -3.47	52.63 2.63 -6.25	64.32 3.04 -9.67	63.05 3.24 -6.66	56.97 2.92 -6.92	57.51 3.06 -2.57	51.78 2.50 -3.00	50.95 2.47 -0.10	48.45 2.70 0.00
JENNISON____2 23626	36.85 1.59 0.00	34.63 1.59 0.00	32.62 1.52 0.00	31.63 1.45 0.00	32.65 1.67 0.00	32.66 1.73 0.00	34.10 1.93 0.00	38.27 2.20 0.00	39.81 2.25 0.00	38.39 2.04 0.00	51.06 2.84 0.00	49.82 2.68 -0.07	46.55 2.16 -1.21	46.20 2.07 -0.94	46.55 1.98 -1.47	48.98 2.29 -3.47	52.63 2.63 -6.25	64.32 3.04 -9.67	63.05 3.24 -6.66	56.97 2.92 -6.92	57.51 3.06 -2.57	51.78 2.50 -3.00	50.95 2.47 -0.10	48.45 2.70 0.00
JERICOHO_RISE_WT_PWR 323719	34.77 -0.49 0.00	32.15 -0.89 0.00	30.00 -1.09 0.00	29.03 -1.15 0.00	29.74 -1.24 0.00	29.81 -1.11 0.00	30.73 -1.45 0.00	34.55 -1.51 0.00	36.40 -1.16 0.00	35.44 -0.91 0.00	46.86 -1.35 0.00	46.27 -0.80 0.00	42.23 -0.95 0.00	41.97 -1.21 0.00	41.63 -1.47 0.00	41.06 -2.16 0.00	41.39 -2.36 0.00	49.07 -2.53 0.00	50.44 -2.71 0.00	44.82 -2.31 0.00	49.23 -2.64 0.00	43.69 -2.59 0.00	45.82 -2.57 0.00	43.32 -2.43 0.00
KATONAH__115KV_46KV_TB4 355592	37.24 1.97 0.00	34.79 1.75 0.00	32.62 1.52 0.00	31.78 1.60 0.00	32.40 1.42 0.00	32.35 1.42 0.00	33.88 1.71 0.00	38.01 1.95 0.00	39.85 2.29 0.00	38.53 2.18 0.00	51.78 3.57 0.00	50.93 3.67 -0.19	50.02 3.37 -3.47	49.25 3.37 -2.70	50.61 3.32 -4.20	56.51 3.37 -9.91	65.15 3.54 -17.85	83.53 4.28 -27.65	76.55 4.36 -19.04	70.72 3.82 -19.77	63.27 4.05 -7.36	58.43 3.56 -8.58	52.30 3.63 -0.29	49.18 3.43 0.00
KCE_NY_1 323755	37.13 1.87 0.00	34.73 1.68 0.00	32.71 1.62 0.00	31.75 1.57 0.00	32.55 1.58 0.00	32.44 1.51 0.00	33.78 1.61 0.00	37.87 1.80 0.00	39.36 1.80 0.00	38.17 1.82 0.00	51.01 2.80 0.00	50.04 2.73 -0.24	49.97 2.42 -4.37	48.96 2.37 -3.40	50.80 2.41 -5.29	58.26 2.55 -12.49	68.97 2.71 -22.50	89.69 3.25 -34.84	80.38 3.24 -23.99	74.96 2.92 -24.91	64.36 3.22 -9.27	60.02 2.92 -10.82	51.75 3.00 -0.36	48.68 2.93 0.00
KCE_NY_6_ESR 323823	33.22 -2.05 0.00	31.42 -1.62 0.00	29.79 -1.30 0.00	28.91 -1.27 0.00	30.02 -0.96 0.00	29.81 -1.11 0.00	31.11 -1.06 0.00	34.91 -1.16 0.00	35.53 -2.03 0.00	34.46 -1.89 0.00	44.40 -3.81 0.00	43.15 -3.95 -0.03	39.24 -4.49 -0.55	39.17 -4.45 -0.43	39.11 -4.66 -0.67	40.40 -4.41 -1.59	42.63 -3.98 -2.85	51.12 -4.90 -4.42	51.04 -5.15 -3.05	45.77 -4.52 -3.16	47.00 -5.14 -0.26	43.03 -4.63 -1.37	43.69 -4.74 -0.05	42.82 -2.93 0.00
KEDC_PORT_JEFF_GT2 24210	38.26 3.00 0.00	35.59 2.54 0.00	33.39 2.30 0.00	32.47 2.29 0.00	33.30 2.32 0.00	33.15 2.23 0.00	34.81 2.64 0.00	39.20 3.14 0.00	41.05 3.49 0.00	40.02 3.38 -0.29	52.70 4.48 0.00	51.78 4.52 -0.19	50.72 4.06 -3.48	50.04 4.10 -2.76	51.28 4.01 -4.18	57.06 3.85 -9.99	65.43 3.98 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.81 4.10 -19.59	64.60 5.44 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.28 4.53 0.00
KEDC_PORT_JEFF_GT3 24211	38.26 3.00 0.00	35.59 2.54 0.00	33.39 2.30 0.00	32.47 2.29 0.00	33.30 2.32 0.00	33.15 2.23 0.00	34.81 2.64 0.00	39.20 3.14 0.00	41.05 3.49 0.00	40.02 3.38 -0.29	52.70 4.48 0.00	51.78 4.52 -0.19	50.72 4.06 -3.48	50.04 4.10 -2.76	51.28 4.01 -4.18	57.06 3.85 -9.99	65.43 3.98 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.81 4.10 -19.59	64.60 5.44 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.28 4.53 0.00
KEDC_GLWD_GT4 24219	37.73 2.47 0.00	35.16 2.12 0.00	32.99 1.90 0.00	32.08 1.90 0.00	32.87 1.89 0.00	32.75 1.82 0.00	34.36 2.19 0.00	38.66 2.60 0.00	40.49 2.93 0.00	39.51 2.87 -0.29	52.26 4.05 0.00	51.40 4.14 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.98 3.71 -4.18	56.80 3.59 -9.99	65.21 3.76 -17.69	83.97 4.69 -27.67	76.63 4.62 -18.86	70.62 3.91 -19.59	63.77 4.61 -7.29	58.72 3.93 -8.51	52.78 4.11 -0.28	49.77 4.03 0.00
KEDC_GLWD_GT5 24220	37.73 2.47 0.00	35.16 2.12 0.00	32.99 1.90 0.00	32.08 1.90 0.00	32.87 1.89 0.00	32.75 1.82 0.00	34.36 2.19 0.00	38.66 2.60 0.00	40.49 2.93 0.00	39.51 2.87 -0.29	52.26 4.05 0.00	51.40 4.14 -0.19	50.46 3.80 -3.48	49.78 3.84 -2.76	50.98 3.71 -4.18	56.80 3.59 -9.99	65.21 3.76 -17.69	83.97 4.69 -27.67	76.63 4.62 -18.86	70.62 3.91 -19.59	63.77 4.61 -7.29	58.72 3.93 -8.51	52.78 4.11 -0.28	49.77 4.03 0.00
KENSICO____ 23655	37.10 1.83 0.00	34.66 1.62 0.00	32.52 1.43 0.00	31.66 1.48 0.00	32.37 1.39 0.00	32.35 1.42 0.00	33.85 1.67 0.00	37.94 1.88 0.00	39.70 2.14 0.00	38.42 2.07 0.00	51.63 3.42 0.00	50.84 3.58 -0.19	49.93 3.28 -3.46	49.25 3.33 -2.74	50.54 3.28 -4.17	56.41 3.24 -9.94	64.77 3.37 -17.64	83.24 4.08 -27.57	76.05 4.09 -18.81	70.20 3.53 -19.53	62.93 3.79 -7.27	58.14 3.38 -8.48	52.20 3.53 -0.28	49.04 3.29 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.38 2.12 0.00	34.93 1.88 0.00	32.77 1.68 0.00	31.84 1.66 0.00	32.59 1.61 0.00	32.53 1.61 0.00	33.94 1.77 0.00	37.94 1.88 0.00	39.74 2.18 0.00	38.35 2.00 0.00	51.30 3.09 0.00	50.45 3.20 -0.18	49.19 2.76 -3.24	48.51 2.81 -2.52	49.82 2.80 -3.93	55.30 2.81 -9.26	63.51 3.06 -16.69	81.26 3.82 -25.84	74.82 3.88 -17.80	69.00 3.39 -18.48	62.27 3.53 -6.88	57.45 3.15 -8.02	52.04 3.39 -0.27	49.04 3.29 0.00

KIAC_JFK_GT1 23816	37.24 1.97 0.00	34.76 1.72 0.00	32.65 1.55 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.52 0.00	34.01 1.83 0.00	38.16 2.09 0.00	40.04 2.48 0.00	38.75 2.40 0.00	52.12 3.91 0.00	51.46 4.19 -0.20	51.71 4.19 -4.34	51.81 4.23 -4.40	51.77 4.14 -4.54	61.51 4.15 -14.13	65.81 4.29 -17.76	91.37 5.16 -34.61	76.87 4.84 -18.88	70.98 4.24 -19.60	63.57 4.41 -7.29	58.77 3.98 -8.51	52.78 4.11 -0.28	49.50 3.75 0.00
KIAC_JFK_GT2 23817	37.24 1.97 0.00	34.76 1.72 0.00	32.65 1.55 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.52 0.00	34.01 1.83 0.00	38.16 2.09 0.00	40.04 2.48 0.00	38.75 2.40 0.00	52.12 3.91 0.00	51.46 4.19 -0.20	51.71 4.19 -4.34	51.81 4.23 -4.40	51.77 4.14 -4.54	61.51 4.15 -14.13	65.81 4.29 -17.76	91.37 5.16 -34.61	76.87 4.84 -18.88	70.98 4.24 -19.60	63.57 4.41 -7.29	58.77 3.98 -8.51	52.78 4.11 -0.28	49.50 3.75 0.00
KIAC_JFK____ 323774	37.24 1.97 0.00	34.76 1.72 0.00	32.65 1.55 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	34.01 1.83 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.75 2.40 0.00	52.11 3.90 0.00	51.42 4.14 -0.20	51.75 4.23 -4.34	51.81 4.23 -4.40	51.77 4.14 -4.54	61.51 4.15 -14.13	65.81 4.29 -17.76	91.37 5.16 -34.61	76.87 4.84 -18.88	70.98 4.24 -19.60	63.57 4.41 -7.29	58.78 3.98 -8.51	52.78 4.11 -0.28	49.50 3.75 0.00
KINTIGH____ 23543	32.62 -2.64 0.00	30.80 -2.25 0.00	29.17 -1.93 0.00	28.28 -1.90 0.00	29.33 -1.64 0.00	29.16 -1.76 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.93 -2.63 0.00	33.84 -2.51 0.00	43.87 -4.34 0.00	42.39 -4.71 -0.03	39.84 -3.80 -0.46	39.74 -3.80 -0.36	39.69 -3.96 -0.56	40.78 -3.76 -1.32	42.76 -3.37 -2.37	51.14 -4.13 -3.67	51.26 -4.41 -2.53	45.94 -3.82 -2.63	47.98 -4.41 -0.52	43.49 -3.93 -1.14	44.31 -4.11 -0.04	42.04 -3.71 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.34 0.07 0.00	32.65 -0.40 0.00	30.47 -0.62 0.00	29.42 -0.75 0.00	30.14 -0.84 0.00	30.24 -0.68 0.00	30.98 -1.19 0.00	34.98 -1.08 0.00	36.77 -0.79 0.00	35.84 -0.51 0.00	47.34 -0.87 0.00	47.03 -0.05 0.00	42.84 -0.35 0.00	42.49 -0.69 0.00	42.11 -0.99 0.00	41.45 -1.77 0.00	41.83 -1.93 0.00	49.74 -1.86 0.00	51.18 -1.97 0.00	45.43 -1.70 0.00	49.85 -2.02 0.00	44.20 -2.08 0.00	46.50 -1.89 0.00	44.01 -1.74 0.00
LACHUTE____HYDRO 323717	38.69 3.42 0.00	36.05 3.01 0.00	34.05 2.96 0.00	32.99 2.81 0.00	33.82 2.85 0.00	33.61 2.69 0.00	34.97 2.80 0.00	39.31 3.25 0.00	40.75 3.19 0.00	39.59 3.23 0.00	52.89 4.68 0.00	51.69 4.38 -0.24	51.36 3.80 -4.37	50.26 3.67 -3.41	52.19 3.79 -5.30	59.84 4.11 -12.51	70.71 4.42 -22.53	92.01 5.52 -34.89	82.60 5.42 -24.03	76.98 4.90 -24.95	66.50 5.34 -9.29	61.97 4.86 -10.83	53.68 4.94 -0.36	50.64 4.90 0.00
LAWRNCALV_115KV_TB1 80681	34.81 -0.46 0.00	32.51 -0.53 0.00	30.53 -0.56 0.00	29.58 -0.60 0.00	30.36 -0.62 0.00	30.21 -0.71 0.00	31.34 -0.84 0.00	35.24 -0.83 0.00	36.51 -1.05 0.00	35.37 -0.98 0.00	46.43 -1.78 0.00	45.57 -1.51 0.00	41.80 -1.38 0.00	41.76 -1.42 0.00	41.72 -1.38 0.00	41.54 -1.69 0.00	41.92 -1.84 0.00	49.64 -1.96 0.00	51.18 -1.97 0.00	45.43 -1.70 0.00	49.90 -1.97 0.00	44.38 -1.90 0.00	46.55 -1.84 0.00	43.87 -1.88 0.00
LEDERLE____ 23769	37.06 1.80 0.00	34.63 1.59 0.00	32.49 1.40 0.00	31.60 1.42 0.00	32.34 1.36 0.00	32.32 1.39 0.00	33.78 1.61 0.00	37.83 1.77 0.00	39.59 2.03 0.00	38.24 1.89 0.00	51.44 3.23 0.00	50.64 3.39 -0.18	49.58 3.07 -3.33	48.92 3.11 -2.62	50.13 3.02 -4.02	55.81 3.03 -9.56	63.96 3.15 -17.05	81.93 3.77 -26.56	75.16 3.83 -18.19	69.36 3.35 -18.88	62.48 3.58 -7.03	57.67 3.19 -8.20	52.00 3.34 -0.27	48.90 3.16 0.00
LIGHTHSE_115KV_TB6 355974	34.42 -0.85 0.00	32.25 -0.79 0.00	30.41 -0.68 0.00	29.48 -0.69 0.00	30.33 -0.65 0.00	30.24 -0.68 0.00	31.40 -0.77 0.00	35.24 -0.83 0.00	36.66 -0.90 0.00	35.44 -0.91 0.00	47.20 -1.01 0.00	46.10 -0.99 -0.01	42.56 -0.86 -0.25	42.47 -0.91 -0.19	42.45 -0.95 -0.30	43.15 -0.78 -0.70	44.33 -0.70 -1.27	52.74 -0.83 -1.97	53.65 -0.85 -1.35	47.78 -0.75 -1.41	51.62 -0.78 -0.52	46.24 -0.65 -0.61	47.63 -0.77 -0.02	45.02 -0.73 0.00
LINDEN COGEN____ 23786	37.03 1.76 0.00	34.56 1.52 0.00	32.46 1.37 0.00	31.60 1.42 0.00	32.31 1.33 0.00	32.32 1.39 0.00	33.81 1.64 0.00	37.98 1.91 0.00	39.74 2.18 0.00	38.46 2.11 0.00	51.78 3.57 0.00	51.13 3.86 -0.20	51.06 3.54 -4.34	51.16 3.58 -4.40	51.13 3.49 -4.54	60.06 3.46 -13.38	60.52 3.54 -13.22	61.88 4.23 -6.05	61.52 4.25 -4.12	60.21 3.68 -9.41	60.25 3.89 -4.48	58.36 3.56 -8.51	52.34 3.68 -0.28	49.18 3.43 0.00
LINDHRST_69_KV_BK1 356055	38.12 2.86 0.00	35.49 2.45 0.00	33.30 2.21 0.00	32.38 2.20 0.00	33.17 2.20 0.00	33.06 2.13 0.00	34.62 2.45 0.00	38.88 2.81 0.00	40.87 3.31 0.00	39.91 3.27 -0.29	52.50 4.29 0.00	51.64 4.38 -0.19	50.68 4.02 -3.48	50.04 4.10 -2.76	51.20 3.92 -4.18	57.02 3.80 -9.99	65.47 4.03 -17.69	84.38 5.11 -27.67	77.01 5.00 -18.86	70.91 4.19 -19.59	64.35 5.19 -7.29	59.09 4.30 -8.51	53.17 4.50 -0.28	50.18 4.44 0.00
LIPA_MISC_IPP 23656	38.30 3.03 0.00	35.62 2.58 0.00	33.43 2.33 0.00	32.50 2.32 0.00	33.33 2.35 0.00	33.18 2.26 0.00	34.81 2.64 0.00	39.02 2.96 0.00	41.05 3.49 0.00	40.06 3.42 -0.29	52.65 4.44 0.00	51.73 4.47 -0.19	50.72 4.06 -3.48	50.09 4.15 -2.76	51.24 3.96 -4.18	57.10 3.89 -9.99	65.30 3.85 -17.69	84.28 5.00 -27.67	76.90 4.89 -18.86	70.72 4.01 -19.59	64.66 5.50 -7.29	59.04 4.26 -8.51	53.12 4.45 -0.28	50.32 4.57 0.00
LISF__SOLAR 323691	38.37 3.10 0.00	35.69 2.64 0.00	33.46 2.36 0.00	32.56 2.38 0.00	33.39 2.42 0.00	33.24 2.32 0.00	34.91 2.73 0.00	39.31 3.25 0.00	41.17 3.61 0.00	40.13 3.49 -0.29	52.79 4.58 0.00	51.88 4.62 -0.19	50.81 4.15 -3.48	50.13 4.19 -2.76	51.37 4.10 -4.18	57.19 3.97 -9.99	65.39 3.94 -17.69	84.38 5.11 -27.67	77.01 4.99 -18.86	70.81 4.10 -19.59	64.81 5.65 -7.29	59.13 4.35 -8.51	53.21 4.55 -0.28	50.42 4.67 0.00
LITTLE FALLS____HYD 24013	35.48 0.21 0.00	33.27 0.23 0.00	31.31 0.22 0.00	30.30 0.12 0.00	31.04 0.06 0.00	30.92 0.00 0.00	32.17 0.00 0.00	36.17 0.11 0.00	37.82 0.26 0.00	36.57 0.22 0.00	48.74 0.53 0.00	47.68 0.61 0.00	43.61 0.43 0.00	43.53 0.35 0.00	43.35 0.26 0.00	43.57 0.35 0.00	44.06 0.31 0.00	51.96 0.36 0.00	53.52 0.37 0.00	47.46 0.33 0.00	52.23 0.36 0.00	46.56 0.28 0.00	48.68 0.29 0.00	46.02 0.27 0.00
LITTLRIV_115KV_TB1 356100	35.12 -0.14 0.00	32.81 -0.23 0.00	30.84 -0.25 0.00	29.85 -0.33 0.00	30.67 -0.31 0.00	30.52 -0.40 0.00	31.66 -0.51 0.00	35.60 -0.47 0.00	36.92 -0.64 0.00	35.73 -0.62 0.00	46.91 -1.30 0.00	46.04 -1.04 0.00	42.23 -0.95 0.00	42.19 -0.99 0.00	42.15 -0.95 0.00	42.01 -1.21 0.00	42.40 -1.36 0.00	50.20 -1.39 0.00	51.77 -1.38 0.00	45.95 -1.18 0.00	50.42 -1.45 0.00	44.85 -1.43 0.00	46.98 -1.40 0.00	44.28 -1.46 0.00

LI_NEWBRDGE___DRP 323616	37.49 2.22 0.00	34.93 1.88 0.00	32.77 1.68 0.00	31.87 1.69 0.00	32.65 1.67 0.00	32.56 1.64 0.00	34.10 1.93 0.00	38.27 2.20 0.00	40.19 2.63 0.00	39.22 2.58 -0.29	51.78 3.57 0.00	50.98 3.72 -0.19	50.07 3.41 -3.48	49.44 3.50 -2.76	50.59 3.32 -4.18	56.46 3.24 -9.99	64.82 3.37 -17.69	83.45 4.18 -27.67	76.16 4.15 -18.86	70.20 3.49 -19.59	63.36 4.20 -7.29	58.35 3.56 -8.51	52.35 3.68 -0.28	49.41 3.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.59 -2.68 0.00	30.83 -2.21 0.00	29.23 -1.87 0.00	28.31 -1.87 0.00	29.46 -1.52 0.00	29.22 -1.70 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.74 -2.82 0.00	33.70 -2.65 0.00	43.39 -4.82 0.00	41.83 -5.27 -0.03	38.93 -4.75 -0.50	38.82 -4.75 -0.39	38.75 -4.96 -0.61	39.90 -4.75 -1.43	42.04 -4.29 -2.57	50.32 -5.26 -3.99	50.31 -5.58 -2.75	45.13 -4.85 -2.85	46.84 -5.45 -0.41	42.52 -5.00 -1.24	43.30 -5.13 -0.04	41.81 -3.93 0.00
LOCKPORT___CC1 323769	32.55 -2.71 0.00	30.73 -2.31 0.00	29.23 -1.86 0.00	28.31 -1.87 0.00	29.46 -1.52 0.00	29.22 -1.70 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.74 -2.82 0.00	33.70 -2.65 0.00	43.34 -4.87 0.00	42.11 -4.99 -0.03	38.89 -4.79 -0.50	38.82 -4.75 -0.39	38.71 -5.00 -0.61	39.91 -4.75 -1.44	42.07 -4.29 -2.60	50.31 -5.31 -4.02	50.34 -5.58 -2.77	45.15 -4.85 -2.88	46.74 -5.50 -0.37	42.49 -5.04 -1.25	43.30 -5.13 -0.04	41.81 -3.93 0.00
LOCKPORT___CC2 323770	32.55 -2.71 0.00	30.73 -2.31 0.00	29.23 -1.86 0.00	28.31 -1.87 0.00	29.46 -1.52 0.00	29.22 -1.70 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.74 -2.82 0.00	33.70 -2.65 0.00	43.34 -4.87 0.00	42.11 -4.99 -0.03	38.89 -4.79 -0.50	38.82 -4.75 -0.39	38.71 -5.00 -0.61	39.91 -4.75 -1.44	42.07 -4.29 -2.60	50.31 -5.31 -4.02	50.34 -5.58 -2.77	45.15 -4.85 -2.88	46.74 -5.50 -0.37	42.49 -5.04 -1.25	43.30 -5.13 -0.04	41.81 -3.93 0.00
LOCKPORT___CC3 323771	32.55 -2.71 0.00	30.73 -2.31 0.00	29.23 -1.86 0.00	28.31 -1.87 0.00	29.46 -1.52 0.00	29.22 -1.70 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.74 -2.82 0.00	33.70 -2.65 0.00	43.34 -4.87 0.00	42.11 -4.99 -0.03	38.89 -4.79 -0.50	38.82 -4.75 -0.39	38.71 -5.00 -0.61	39.91 -4.75 -1.44	42.07 -4.29 -2.60	50.31 -5.31 -4.02	50.34 -5.58 -2.77	45.15 -4.85 -2.88	46.74 -5.50 -0.37	42.49 -5.04 -1.25	43.30 -5.13 -0.04	41.81 -3.93 0.00
LONG_LAKE_PHOENIX 24014	34.21 -1.06 0.00	32.08 -0.96 0.00	30.22 -0.87 0.00	29.33 -0.85 0.00	30.17 -0.81 0.00	30.12 -0.80 0.00	31.31 -0.87 0.00	35.13 -0.94 0.00	36.58 -0.98 0.00	35.41 -0.95 0.00	47.05 -1.16 0.00	45.91 -1.18 -0.01	42.38 -1.08 -0.28	42.27 -1.12 -0.21	42.22 -1.21 -0.33	42.93 -1.08 -0.79	44.26 -0.92 -1.42	52.71 -1.08 -2.20	53.54 -1.12 -1.51	47.71 -0.99 -1.57	51.42 -1.04 -0.58	46.04 -0.93 -0.68	47.39 -1.02 -0.02	44.83 -0.91 0.00
LOVETT___3 23632	36.92 1.66 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.21 1.24 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.72 1.66 0.00	39.44 1.88 0.00	38.10 1.74 0.00	51.30 3.09 0.00	50.50 3.25 -0.18	49.51 2.98 -3.35	48.80 2.98 -2.63	50.06 2.93 -4.04	55.72 2.90 -9.60	63.89 3.02 -17.11	81.87 3.61 -26.66	75.07 3.67 -18.25	69.28 3.20 -18.95	62.35 3.42 -7.05	57.56 3.05 -8.23	51.85 3.19 -0.27	48.72 2.97 0.00
LOVETT___4 23642	36.92 1.66 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.21 1.24 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.72 1.66 0.00	39.44 1.88 0.00	38.10 1.74 0.00	51.30 3.09 0.00	50.50 3.25 -0.18	49.51 2.98 -3.35	48.80 2.98 -2.63	50.06 2.93 -4.04	55.72 2.90 -9.60	63.89 3.02 -17.11	81.87 3.61 -26.66	75.07 3.67 -18.25	69.28 3.20 -18.95	62.35 3.42 -7.05	57.56 3.05 -8.23	51.85 3.19 -0.27	48.72 2.97 0.00
LOVETT___5 23593	36.92 1.66 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.21 1.24 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.72 1.66 0.00	39.44 1.88 0.00	38.10 1.74 0.00	51.30 3.09 0.00	50.50 3.25 -0.18	49.51 2.98 -3.35	48.80 2.98 -2.63	50.06 2.93 -4.04	55.72 2.90 -9.60	63.89 3.02 -17.11	81.87 3.61 -26.66	75.07 3.67 -18.25	69.28 3.20 -18.95	62.35 3.42 -7.05	57.56 3.05 -8.23	51.85 3.19 -0.27	48.72 2.97 0.00
LOWER RAQUET___HYD 24057	34.63 -0.63 0.00	32.32 -0.73 0.00	30.38 -0.71 0.00	29.39 -0.78 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.14 -1.03 0.00	34.73 -1.33 0.00	36.28 -1.28 0.00	35.15 -1.20 0.00	46.19 -2.02 0.00	45.24 -1.84 0.00	41.58 -1.60 0.00	41.54 -1.64 0.00	41.46 -1.64 0.00	41.28 -1.94 0.00	41.70 -2.06 0.00	49.38 -2.22 0.00	50.86 -2.28 0.00	45.15 -1.98 0.00	49.59 -2.28 0.00	44.11 -2.17 0.00	46.31 -2.08 0.00	43.60 -2.15 0.00
LOWER___HUDSON 24059	36.64 1.37 0.00	34.30 1.26 0.00	32.27 1.18 0.00	31.35 1.18 0.00	32.12 1.15 0.00	32.07 1.14 0.00	33.43 1.25 0.00	37.44 1.37 0.00	38.95 1.39 0.00	37.73 1.38 0.00	50.57 2.36 0.00	49.71 2.40 -0.23	49.59 2.12 -4.30	48.64 2.12 -3.35	50.41 2.11 -5.21	57.67 2.16 -12.29	68.16 2.27 -22.13	88.55 2.68 -34.27	79.46 2.71 -23.61	74.09 2.45 -24.51	63.64 2.64 -9.12	59.33 2.41 -10.64	51.21 2.47 -0.35	48.12 2.38 0.00
LOWVILLE_115KV_TB2 356335	35.16 -0.11 0.00	32.91 -0.13 0.00	31.00 -0.09 0.00	30.03 -0.15 0.00	30.91 -0.06 0.00	30.83 -0.09 0.00	32.11 -0.06 0.00	36.03 -0.04 0.00	37.52 -0.04 0.00	36.21 -0.15 0.00	48.11 -0.10 0.00	46.98 -0.09 -0.01	43.22 -0.09 -0.13	43.19 -0.09 -0.10	43.16 -0.09 -0.15	43.59 0.00 -0.36	44.58 0.18 -0.65	52.87 0.26 -1.01	54.16 0.32 -0.70	48.18 0.33 -0.72	52.35 0.21 -0.27	46.64 0.05 -0.31	48.40 0.00 -0.01	45.70 -0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.10 1.83 0.00	34.70 1.65 0.00	32.71 1.62 0.00	31.72 1.54 0.00	32.52 1.55 0.00	32.41 1.48 0.00	33.75 1.58 0.00	37.80 1.73 0.00	39.36 1.80 0.00	38.13 1.78 0.00	50.96 2.75 0.00	49.99 2.68 -0.24	49.97 2.42 -4.37	48.96 2.37 -3.40	50.76 2.37 -5.29	58.22 2.51 -12.49	68.92 2.67 -22.50	89.64 3.20 -34.84	80.38 3.24 -23.99	74.96 2.92 -24.91	64.31 3.16 -9.27	59.97 2.87 -10.82	51.70 2.95 -0.36	48.63 2.88 0.00
LUTHERNY_35_KV_BK2 355980	37.13 1.87 0.00	34.73 1.69 0.00	32.71 1.62 0.00	31.75 1.57 0.00	32.56 1.58 0.00	32.44 1.52 0.00	33.78 1.61 0.00	37.83 1.77 0.00	39.36 1.80 0.00	38.17 1.82 0.00	51.01 2.80 0.00	50.04 2.73 -0.24	49.97 2.42 -4.37	48.96 2.37 -3.40	50.80 2.41 -5.29	58.26 2.55 -12.49	68.97 2.71 -22.50	89.69 3.25 -34.84	80.38 3.24 -23.99	74.96 2.92 -24.91	64.36 3.22 -9.27	60.01 2.92 -10.82	51.74 3.00 -0.36	48.68 2.93 0.00
LWR___OSWEGATCHIE_HYD 23850	34.38 -0.88 0.00	32.15 -0.89 0.00	30.25 -0.84 0.00	29.30 -0.88 0.00	30.11 -0.87 0.00	30.00 -0.93 0.00	31.18 -1.00 0.00	35.02 -1.05 0.00	36.36 -1.20 0.00	35.15 -1.20 0.00	46.48 -1.74 0.00	45.52 -1.55 -0.01	41.85 -1.42 -0.09	41.79 -1.47 -0.07	41.79 -1.42 -0.11	41.98 -1.51 -0.26	42.75 -1.49 -0.48	50.68 -1.65 -0.74	52.01 -1.65 -0.51	46.24 -1.41 -0.53	50.36 -1.71 -0.20	44.89 -1.62 -0.23	46.75 -1.65 -0.01	44.05 -1.69 0.00

LYONS_FALL_HYD 23570	35.48 0.21 0.00	33.24 0.20 0.00	31.31 0.22 0.00	30.36 0.18 0.00	31.22 0.25 0.00	31.17 0.25 0.00	32.43 0.26 0.00	36.39 0.32 0.00	37.94 0.38 0.00	36.61 0.26 0.00	48.69 0.48 0.00	47.60 0.52 -0.01	43.73 0.43 -0.12	43.66 0.39 -0.09	43.63 0.39 -0.15	44.09 0.52 -0.35	45.04 0.66 -0.62	53.39 0.82 -0.97	54.66 0.85 -0.66	48.62 0.80 -0.69	52.85 0.73 -0.26	47.14 0.56 -0.30	48.93 0.53 -0.01	46.20 0.46 0.00
MADISON___COUNTY_LFGE 323628	35.97 0.71 0.00	33.74 0.69 0.00	31.78 0.68 0.00	30.81 0.63 0.00	31.72 0.74 0.00	31.70 0.77 0.00	33.01 0.84 0.00	37.00 0.94 0.00	38.57 1.01 0.00	37.22 0.87 0.00	49.51 1.30 0.00	48.26 1.18 -0.01	44.42 1.04 -0.21	44.38 1.04 -0.16	44.38 1.03 -0.25	44.98 1.17 -0.59	46.17 1.36 -1.06	54.79 1.55 -1.64	55.87 1.59 -1.13	49.71 1.41 -1.17	53.81 1.50 -0.44	48.04 1.25 -0.51	49.61 1.21 -0.02	47.03 1.28 0.00
MALONE___115KV_TB1 356076	35.09 -0.18 0.00	32.51 -0.53 0.00	30.41 -0.68 0.00	29.42 -0.75 0.00	30.14 -0.84 0.00	30.18 -0.74 0.00	31.14 -1.03 0.00	35.16 -0.90 0.00	36.77 -0.79 0.00	35.81 -0.55 0.00	47.20 -1.01 0.00	46.74 -0.33 0.00	42.66 -0.52 0.00	42.40 -0.78 0.00	42.11 -0.99 0.00	41.54 -1.69 0.00	41.96 -1.79 0.00	49.84 -1.75 0.00	51.34 -1.81 0.00	45.57 -1.56 0.00	50.00 -1.87 0.00	44.38 -1.90 0.00	46.50 -1.89 0.00	43.92 -1.83 0.00
MAPLEWOD_115KV_TB3 80458	36.36 1.09 0.00	34.03 0.99 0.00	32.03 0.93 0.00	31.11 0.94 0.00	31.84 0.87 0.00	31.79 0.87 0.00	33.17 1.00 0.00	37.04 0.97 0.00	38.61 1.05 0.00	37.44 1.09 0.00	50.43 2.22 0.00	49.52 2.21 -0.23	49.44 1.99 -4.27	48.49 1.99 -3.33	50.25 1.98 -5.17	57.47 2.03 -12.21	67.85 2.10 -21.99	88.08 2.43 -34.06	79.10 2.50 -23.46	73.75 2.26 -24.36	63.43 2.49 -9.06	59.08 2.22 -10.58	51.06 2.32 -0.35	47.94 2.20 0.00
MAPLE_RIDGE_WT_1 323574	35.02 -0.25 0.00	32.78 -0.27 0.00	30.81 -0.28 0.00	29.91 -0.27 0.00	30.70 -0.28 0.00	30.61 -0.31 0.00	31.85 -0.32 0.00	35.67 -0.40 0.00	37.18 -0.38 0.00	36.02 -0.33 0.00	47.63 -0.58 0.00	46.51 -0.56 0.00	42.71 -0.47 0.00	42.67 -0.52 0.00	42.58 -0.52 0.00	42.62 -0.61 0.00	43.10 -0.66 0.00	50.83 -0.77 0.00	52.35 -0.80 0.00	46.47 -0.66 0.00	51.09 -0.78 0.00	45.59 -0.69 0.00	47.71 -0.68 0.00	45.11 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	35.02 -0.25 0.00	32.78 -0.27 0.00	30.81 -0.28 0.00	29.91 -0.27 0.00	30.70 -0.28 0.00	30.61 -0.31 0.00	31.85 -0.32 0.00	35.67 -0.40 0.00	37.18 -0.38 0.00	36.02 -0.33 0.00	47.63 -0.58 0.00	46.51 -0.56 0.00	42.71 -0.47 0.00	42.67 -0.52 0.00	42.58 -0.52 0.00	42.62 -0.61 0.00	43.10 -0.66 0.00	50.83 -0.77 0.00	52.35 -0.80 0.00	46.47 -0.66 0.00	51.09 -0.78 0.00	45.59 -0.69 0.00	47.71 -0.68 0.00	45.11 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	34.77 -0.49 0.00	32.15 -0.89 0.00	29.98 -1.12 0.00	29.00 -1.18 0.00	29.68 -1.30 0.00	29.78 -1.14 0.00	30.63 -1.54 0.00	34.48 -1.59 0.00	36.32 -1.24 0.00	35.41 -0.95 0.00	46.81 -1.40 0.00	46.32 -0.75 0.00	42.27 -0.91 0.00	41.97 -1.21 0.00	41.59 -1.51 0.00	41.02 -2.20 0.00	41.31 -2.45 0.00	49.02 -2.58 0.00	50.38 -2.77 0.00	44.73 -2.40 0.00	49.12 -2.75 0.00	43.60 -2.69 0.00	45.82 -2.57 0.00	43.32 -2.43 0.00
MARSHVLE_115KV_TB1 80742	37.38 2.12 0.00	35.03 1.98 0.00	32.99 1.90 0.00	31.96 1.78 0.00	32.83 1.86 0.00	32.72 1.79 0.00	34.20 2.03 0.00	38.19 2.13 0.00	39.74 2.18 0.00	38.46 2.11 0.00	51.15 2.94 0.00	50.12 2.78 -0.27	50.55 2.37 -5.00	49.45 2.37 -3.89	51.56 2.41 -6.05	60.23 2.72 -14.29	72.60 3.11 -25.73	95.27 3.82 -39.85	84.48 3.88 -27.45	79.12 3.49 -28.50	66.21 3.73 -10.61	62.03 3.38 -12.38	52.14 3.34 -0.41	48.95 3.20 0.00
MARSH_HILL_WT_PWR 323713	34.24 -1.02 0.00	32.35 -0.70 0.00	30.63 -0.47 0.00	29.76 -0.42 0.00	30.79 -0.18 0.00	30.64 -0.28 0.00	31.85 -0.32 0.00	35.74 -0.33 0.00	36.70 -0.86 0.00	35.41 -0.95 0.00	46.38 -1.83 0.00	45.14 -1.98 -0.04	41.34 -2.55 -0.71	41.14 -2.59 -0.55	41.15 -2.80 -0.85	42.82 -2.42 -2.02	45.42 -1.97 -3.63	54.85 -2.37 -5.63	54.58 -2.44 -3.88	48.94 -2.21 -4.02	53.80 -2.44 -4.37	45.67 -2.36 -1.75	45.98 -2.47 -0.06	44.51 -1.23 0.00
MCINTYRE_115KV_TB2 80467	35.55 0.28 0.00	33.21 0.17 0.00	31.22 0.12 0.00	30.21 0.03 0.00	31.04 0.06 0.00	30.95 0.03 0.00	32.11 -0.06 0.00	36.10 0.04 0.00	37.41 -0.15 0.00	36.21 -0.15 0.00	47.49 -0.72 0.00	46.55 -0.52 0.00	42.71 -0.47 0.00	42.71 -0.47 0.00	42.67 -0.43 0.00	42.53 -0.69 0.00	42.97 -0.79 0.00	50.88 -0.72 0.00	52.46 -0.69 0.00	46.56 -0.57 0.00	51.09 -0.78 0.00	45.45 -0.83 0.00	47.56 -0.82 0.00	44.83 -0.91 0.00
MECO___69_KV_BK1 80468	39.00 3.74 0.00	36.45 3.40 0.00	34.33 3.23 0.00	33.23 3.05 0.00	34.07 3.10 0.00	33.89 2.97 0.00	35.55 3.38 0.00	39.78 3.71 0.00	41.32 3.76 0.00	40.10 3.74 0.00	53.37 5.16 0.00	52.13 4.80 -0.26	52.22 4.23 -4.81	51.16 4.23 -3.74	53.23 4.31 -5.82	61.81 4.84 -13.74	73.80 5.29 -24.75	96.43 6.50 -38.33	86.03 6.48 -26.40	80.48 5.94 -27.41	68.45 6.38 -10.20	63.78 5.60 -11.90	54.39 5.61 -0.40	51.05 5.31 0.00
MENANDS___115KV_TB5 355628	36.18 0.92 0.00	33.87 0.83 0.00	31.87 0.78 0.00	30.96 0.78 0.00	31.69 0.71 0.00	31.63 0.71 0.00	33.01 0.84 0.00	36.86 0.79 0.00	38.42 0.86 0.00	37.26 0.91 0.00	50.28 2.07 0.00	49.42 2.12 -0.23	49.30 1.86 -4.26	48.36 1.86 -3.32	50.11 1.85 -5.16	57.31 1.90 -12.19	67.63 1.93 -21.95	87.81 2.22 -34.00	78.85 2.29 -23.41	73.51 2.07 -24.31	63.25 2.33 -9.05	58.87 2.04 -10.56	50.91 2.18 -0.35	47.81 2.06 0.00
MG INDUSTRY___DRP 24185	36.22 0.95 0.00	33.94 0.89 0.00	31.93 0.84 0.00	30.99 0.81 0.00	31.78 0.81 0.00	31.70 0.77 0.00	33.01 0.84 0.00	36.90 0.83 0.00	38.42 0.86 0.00	37.22 0.87 0.00	50.09 1.88 0.00	49.18 1.88 -0.23	48.99 1.64 -4.17	48.07 1.64 -3.25	49.79 1.64 -5.05	56.83 1.69 -11.92	66.98 1.75 -21.47	86.81 1.96 -33.25	78.12 2.07 -22.90	72.79 1.89 -23.77	62.85 2.13 -8.85	58.46 1.85 -10.32	50.71 1.98 -0.34	47.67 1.92 0.00
MID___OSWEGATCHIE_HYD 23849	34.38 -0.88 0.00	32.15 -0.89 0.00	30.25 -0.84 0.00	29.30 -0.88 0.00	30.11 -0.87 0.00	30.00 -0.93 0.00	31.18 -1.00 0.00	35.02 -1.05 0.00	36.36 -1.20 0.00	35.15 -1.20 0.00	46.48 -1.74 0.00	45.52 -1.55 -0.01	41.85 -1.42 -0.09	41.79 -1.47 -0.07	41.79 -1.42 -0.11	41.98 -1.51 -0.26	42.75 -1.49 -0.48	50.68 -1.65 -0.74	52.01 -1.65 -0.51	46.24 -1.41 -0.53	50.36 -1.71 -0.20	44.89 -1.62 -0.23	46.75 -1.65 -0.01	44.05 -1.69 0.00
MID___RAQUETTE_HYD 23851	34.63 -0.63 0.00	32.32 -0.73 0.00	30.38 -0.72 0.00	29.39 -0.78 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.14 -1.03 0.00	34.98 -1.08 0.00	36.28 -1.28 0.00	35.15 -1.20 0.00	46.19 -2.02 0.00	45.33 -1.74 0.00	41.58 -1.60 0.00	41.54 -1.64 0.00	41.46 -1.64 0.00	41.28 -1.95 0.00	41.70 -2.06 0.00	49.38 -2.22 0.00	50.86 -2.29 0.00	45.15 -1.98 0.00	49.59 -2.28 0.00	44.11 -2.18 0.00	46.30 -2.08 0.00	43.60 -2.15 0.00

MILLIKEN___1 23584	35.58 0.32 0.00	33.37 0.33 0.00	31.44 0.34 0.00	30.48 0.30 0.00	31.41 0.43 0.00	31.39 0.46 0.00	32.69 0.51 0.00	36.68 0.61 0.00	38.16 0.60 0.00	36.82 0.47 0.00	48.89 0.67 0.00	47.67 0.56 -0.04	44.27 0.39 -0.70	44.07 0.35 -0.54	44.20 0.26 -0.85	45.69 0.48 -1.99	48.14 0.79 -3.59	58.14 0.98 -5.56	58.04 1.06 -3.83	51.96 0.85 -3.98	54.55 0.99 -1.70	48.79 0.79 -1.73	49.12 0.68 -0.06	46.62 0.87 0.00
MILLIKEN___2 23585	35.58 0.32 0.00	33.37 0.33 0.00	31.44 0.34 0.00	30.48 0.30 0.00	31.41 0.43 0.00	31.39 0.46 0.00	32.69 0.51 0.00	36.68 0.61 0.00	38.16 0.60 0.00	36.82 0.47 0.00	48.89 0.67 0.00	47.67 0.56 -0.04	44.27 0.39 -0.70	44.07 0.35 -0.54	44.20 0.26 -0.85	45.69 0.48 -1.99	48.14 0.79 -3.59	58.14 0.98 -5.56	58.04 1.06 -3.83	51.96 0.85 -3.98	54.55 0.99 -1.70	48.79 0.79 -1.73	49.12 0.68 -0.06	46.62 0.87 0.00
MILLIKEN___DIESEL 23629	35.58 0.32 0.00	33.37 0.33 0.00	31.44 0.34 0.00	30.48 0.30 0.00	31.41 0.43 0.00	31.39 0.46 0.00	32.69 0.51 0.00	36.68 0.61 0.00	38.16 0.60 0.00	36.82 0.47 0.00	48.89 0.67 0.00	47.67 0.56 -0.04	44.27 0.39 -0.70	44.07 0.35 -0.54	44.20 0.26 -0.85	45.69 0.48 -1.99	48.14 0.79 -3.59	58.14 0.98 -5.56	58.04 1.06 -3.83	51.96 0.85 -3.98	54.55 0.99 -1.70	48.79 0.79 -1.73	49.12 0.68 -0.06	46.62 0.87 0.00
MILLSEAT___LFGE 323607	33.18 -2.08 0.00	31.29 -1.75 0.00	29.73 -1.37 0.00	28.79 -1.39 0.00	29.92 -1.05 0.00	29.72 -1.21 0.00	30.92 -1.26 0.00	34.84 -1.23 0.00	35.49 -2.07 0.00	34.35 -2.00 0.00	44.40 -3.81 0.00	43.19 -3.91 -0.03	39.95 -3.71 -0.49	39.80 -3.76 -0.38	39.72 -3.96 -0.59	40.90 -3.72 -1.39	43.02 -3.24 -2.50	51.55 -3.92 -3.87	51.72 -4.09 -2.67	46.27 -3.63 -2.77	48.20 -4.15 -0.48	43.60 -3.89 -1.20	44.41 -4.02 -0.04	42.68 -3.06 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.03 1.76 0.00	34.60 1.55 0.00	32.49 1.40 0.00	31.60 1.42 0.00	32.31 1.33 0.00	32.28 1.36 0.00	33.78 1.61 0.00	37.87 1.80 0.00	39.63 2.07 0.00	38.31 1.96 0.00	51.49 3.28 0.00	50.74 3.48 -0.19	49.82 3.20 -3.44	49.10 3.20 -2.72	50.39 3.15 -4.14	56.26 3.16 -9.88	64.60 3.28 -17.56	82.92 3.92 -27.41	75.81 3.93 -18.73	70.01 3.44 -19.44	62.79 3.68 -7.24	58.01 3.29 -8.44	52.05 3.39 -0.28	48.90 3.16 0.00
MILLWOOD_13_KV_LOAD 356217	37.10 1.83 0.00	34.66 1.62 0.00	32.52 1.43 0.00	31.66 1.48 0.00	32.34 1.36 0.00	32.32 1.39 0.00	33.81 1.64 0.00	37.91 1.84 0.00	39.70 2.14 0.00	38.39 2.04 0.00	51.59 3.37 0.00	50.79 3.53 -0.19	49.86 3.24 -3.44	49.18 3.28 -2.72	50.43 3.19 -4.14	56.30 3.20 -9.88	64.69 3.37 -17.56	83.03 4.02 -27.41	75.97 4.09 -18.73	70.15 3.58 -19.44	62.89 3.79 -7.24	58.10 3.38 -8.44	52.15 3.48 -0.28	49.00 3.25 0.00
MODEL_CITY_ENERGY 24167	32.23 -3.03 0.00	30.40 -2.64 0.00	28.95 -2.15 0.00	28.04 -2.14 0.00	29.15 -1.83 0.00	28.94 -1.98 0.00	30.08 -2.09 0.00	33.83 -2.24 0.00	34.33 -3.23 0.00	33.30 -3.05 0.00	42.81 -5.40 0.00	41.59 -5.51 -0.03	38.46 -5.23 -0.51	38.40 -5.18 -0.40	38.32 -5.39 -0.62	39.49 -5.19 -1.46	41.61 -4.77 -2.62	49.73 -5.93 -4.06	49.78 -6.16 -2.80	44.66 -5.37 -2.90	46.20 -6.07 -0.39	42.03 -5.51 -1.26	42.81 -5.61 -0.04	41.31 -4.44 0.00
MODERN_LFGE___ 323580	32.23 -3.03 0.00	30.40 -2.64 0.00	28.95 -2.15 0.00	28.04 -2.14 0.00	29.15 -1.83 0.00	28.94 -1.98 0.00	30.08 -2.09 0.00	33.83 -2.24 0.00	34.33 -3.23 0.00	33.30 -3.05 0.00	42.81 -5.40 0.00	41.59 -5.51 -0.03	38.46 -5.23 -0.51	38.40 -5.18 -0.40	38.32 -5.39 -0.62	39.49 -5.19 -1.46	41.61 -4.77 -2.62	49.73 -5.93 -4.06	49.78 -6.16 -2.80	44.66 -5.37 -2.90	46.20 -6.07 -0.39	42.03 -5.51 -1.26	42.81 -5.61 -0.04	41.31 -4.44 0.00
MOHAWK_PAPER___DRP 24187	36.36 1.09 0.00	34.03 0.99 0.00	32.03 0.93 0.00	31.11 0.94 0.00	31.84 0.87 0.00	31.79 0.87 0.00	33.17 1.00 0.00	37.04 0.97 0.00	38.61 1.05 0.00	37.44 1.09 0.00	50.43 2.22 0.00	49.52 2.21 -0.23	49.44 1.99 -4.27	48.49 1.99 -3.33	50.25 1.98 -5.17	57.47 2.03 -12.21	67.85 2.10 -21.99	88.08 2.43 -34.06	79.10 2.50 -23.46	73.75 2.26 -24.36	63.43 2.49 -9.06	59.08 2.22 -10.58	51.06 2.32 -0.35	47.94 2.20 0.00
MOHICAN___35_KV_115KV_LD 80490	37.49 2.22 0.00	35.03 1.98 0.00	33.08 1.99 0.00	32.08 1.90 0.00	32.90 1.92 0.00	32.75 1.82 0.00	34.01 1.83 0.00	38.12 2.06 0.00	39.63 2.07 0.00	38.39 2.04 0.00	51.30 3.09 0.00	50.28 2.97 -0.24	50.14 2.59 -4.37	49.09 2.50 -3.41	50.94 2.54 -5.30	58.49 2.77 -12.50	69.25 2.98 -22.52	90.13 3.66 -34.87	80.78 3.61 -24.02	75.32 3.25 -24.94	64.68 3.53 -9.28	60.49 3.38 -10.83	52.18 3.44 -0.36	49.18 3.43 0.00
MONGAUP___HYD 23641	36.57 1.31 0.00	34.17 1.12 0.00	32.09 0.99 0.00	31.17 0.99 0.00	31.90 0.93 0.00	31.85 0.93 0.00	33.23 1.06 0.00	37.15 1.08 0.00	38.76 1.20 0.00	37.48 1.13 0.00	49.71 1.50 0.00	48.84 1.60 -0.17	47.71 1.38 -3.15	47.06 1.42 -2.45	48.33 1.42 -3.82	53.65 1.42 -9.01	61.64 1.66 -16.22	78.84 2.12 -25.12	72.63 2.18 -17.30	66.98 1.89 -17.96	60.42 1.86 -6.69	55.84 1.76 -7.80	50.58 1.94 -0.26	47.67 1.92 0.00
MONTAUK___DIESEL 23721	39.39 4.13 0.00	36.61 3.57 0.00	34.36 3.26 0.00	33.41 3.23 0.00	34.29 3.31 0.00	34.11 3.19 0.00	35.81 3.64 0.00	40.18 4.11 0.00	42.29 4.73 0.00	41.30 4.65 -0.29	54.19 5.98 0.00	53.19 5.93 -0.19	52.01 5.35 -3.48	51.34 5.40 -2.76	52.53 5.26 -4.18	58.44 5.23 -9.99	66.74 5.29 -17.69	86.14 6.86 -27.67	78.76 6.75 -18.86	72.37 5.66 -19.59	66.63 7.47 -7.29	60.57 5.79 -8.51	54.72 6.05 -0.28	51.88 6.13 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.33 -1.94 0.00	31.36 -1.69 0.00	29.79 -1.31 0.00	29.15 -1.03 0.00	30.11 -0.87 0.00	29.75 -1.18 0.00	31.24 -0.93 0.00	34.62 -1.44 0.00	35.31 -2.25 0.00	34.24 -2.11 0.00	44.06 -4.15 0.00	42.49 -4.61 -0.03	38.55 -5.22 -0.59	38.37 -5.27 -0.46	38.38 -5.43 -0.71	39.72 -5.19 -1.69	41.98 -4.81 -3.04	50.62 -5.68 -4.70	50.33 -6.06 -3.24	45.12 -5.37 -3.36	46.56 -5.91 -0.60	42.37 -5.37 -1.46	42.87 -5.56 -0.05	42.91 -2.84 0.00
MORTIMER_115KV_TB3 55949	33.64 -1.62 0.00	31.69 -1.35 0.00	29.94 -1.15 0.00	29.00 -1.18 0.00	30.02 -0.96 0.00	29.87 -1.05 0.00	31.14 -1.03 0.00	35.06 -1.01 0.00	36.06 -1.50 0.00	34.86 -1.49 0.00	45.66 -2.56 0.00	44.27 -2.82 -0.02	41.44 -2.16 -0.42	41.35 -2.16 -0.32	41.23 -2.37 -0.50	42.25 -2.16 -1.19	44.15 -1.75 -2.14	52.85 -2.06 -3.32	53.20 -2.23 -2.28	47.52 -1.98 -2.37	50.42 -2.33 -0.88	45.14 -2.18 -1.03	46.10 -2.32 -0.03	43.60 -2.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.55 3.67 -4.70	51.93 3.67 -5.08	51.41 3.62 -4.69	61.60 3.59 -14.79	65.32 3.76 -17.80	91.79 4.49 -35.70	76.50 4.46 -18.89	70.65 3.91 -19.61	63.31 4.15 -7.29	58.55 3.75 -8.52	52.59 3.92 -0.28	49.36 3.61 0.00

MUNSVILLE_WIND_PWR 323609	37.31 2.04 0.00	35.03 1.98 0.00	33.02 1.93 0.00	32.05 1.87 0.00	33.24 2.26 0.00	33.37 2.44 0.00	34.97 2.80 0.00	39.31 3.25 0.00	40.87 3.31 0.00	39.22 2.87 0.00	52.07 3.86 0.00	50.80 3.67 -0.06	47.15 2.89 -1.08	46.70 2.68 -0.84	47.03 2.63 -1.31	49.37 3.07 -3.08	52.98 3.68 -5.55	64.63 4.44 -8.59	63.64 4.57 -5.92	57.42 4.15 -6.14	58.61 4.30 -2.44	52.37 3.42 -2.67	51.81 3.34 -0.09	49.27 3.52 0.00
N SALMON___HYD 24042	35.09 -0.18 0.00	32.51 -0.53 0.00	30.41 -0.68 0.00	29.43 -0.75 0.00	30.14 -0.83 0.00	30.18 -0.74 0.00	31.14 -1.03 0.00	35.02 -1.05 0.00	36.77 -0.79 0.00	35.81 -0.54 0.00	47.20 -1.01 0.00	46.65 -0.42 0.00	42.62 -0.56 0.00	42.41 -0.78 0.00	42.11 -0.99 0.00	41.54 -1.69 0.00	41.96 -1.80 0.00	49.90 -1.70 0.00	51.34 -1.81 0.00	45.57 -1.55 0.00	50.01 -1.87 0.00	44.38 -1.90 0.00	46.50 -1.89 0.00	43.92 -1.83 0.00
N.AKRON___115KV_KNAPP 355671	33.18 -2.08 0.00	31.36 -1.69 0.00	29.73 -1.37 0.00	28.79 -1.39 0.00	29.92 -1.05 0.00	29.72 -1.21 0.00	30.95 -1.22 0.00	34.84 -1.23 0.00	35.49 -2.07 0.00	34.35 -2.00 0.00	44.40 -3.81 0.00	42.86 -4.24 -0.03	39.91 -3.76 -0.49	39.81 -3.76 -0.38	39.68 -4.01 -0.59	40.86 -3.76 -1.40	42.99 -3.28 -2.52	51.58 -3.92 -3.90	51.63 -4.20 -2.69	46.24 -3.68 -2.79	48.13 -4.20 -0.46	43.56 -3.93 -1.21	44.36 -4.06 -0.04	42.68 -3.07 0.00
N.BELMOR_69_KV_BK1 55787	37.77 2.50 0.00	35.19 2.15 0.00	32.99 1.90 0.00	32.11 1.93 0.00	32.87 1.89 0.00	32.78 1.86 0.00	34.33 2.16 0.00	38.52 2.45 0.00	40.49 2.93 0.00	39.51 2.87 -0.29	52.07 3.86 0.00	51.26 4.00 -0.19	50.33 3.67 -3.48	49.65 3.71 -2.76	50.85 3.58 -4.18	56.67 3.46 -9.99	65.08 3.63 -17.69	83.86 4.59 -27.67	76.48 4.46 -18.86	70.49 3.77 -19.59	63.72 4.56 -7.29	58.72 3.93 -8.51	52.78 4.11 -0.28	49.82 4.07 0.00
N.E_GEN_SANDY PD 24062	40.00 1.55 -3.18	38.70 1.45 -4.20	37.65 1.31 -5.25	37.20 1.33 -5.69	38.23 1.27 -5.98	42.71 1.30 -10.49	45.12 1.45 -11.50	44.30 1.59 -6.65	42.31 1.73 -3.02	44.10 1.67 -6.08	65.83 2.84 -14.78	64.03 2.92 -14.04	63.31 2.63 -17.49	64.75 2.63 -18.93	63.35 2.59 -17.67	70.52 2.59 -24.70	74.54 2.71 -28.07	86.36 3.20 -31.56	81.04 3.24 -24.65	75.71 2.88 -25.71	73.76 3.11 -18.78	67.63 2.78 -18.57	63.30 2.90 -12.01	60.12 2.79 -11.58
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.96 1.69 0.00	34.53 1.49 0.00	32.43 1.34 0.00	31.54 1.36 0.00	32.28 1.30 0.00	32.22 1.30 0.00	33.72 1.54 0.00	37.76 1.70 0.00	39.48 1.92 0.00	38.13 1.78 0.00	51.30 3.09 0.00	50.55 3.30 -0.18	49.50 2.98 -3.34	48.83 3.02 -2.63	50.06 2.93 -4.03	55.74 2.94 -9.58	63.90 3.06 -17.08	81.87 3.66 -26.61	75.09 3.72 -18.22	69.30 3.25 -18.92	62.39 3.48 -7.04	57.60 3.10 -8.21	51.90 3.24 -0.27	48.77 3.02 0.00
N.QUEENS_27_KV_LOAD 356247	37.67 2.40 -0.01	35.20 2.15 -0.01	33.06 1.96 -0.01	32.21 2.02 -0.01	32.93 1.95 -0.01	32.96 2.04 0.00	34.49 2.32 0.00	38.34 2.27 0.00	40.04 2.48 0.00	38.86 2.51 0.00	52.26 4.05 0.00	51.56 4.28 -0.20	51.46 3.93 -4.34	51.52 3.93 -4.40	51.52 3.88 -4.55	61.26 3.89 -14.14	65.60 4.07 -17.77	91.12 4.90 -34.62	76.82 4.78 -18.89	70.89 4.15 -19.61	63.42 4.25 -7.29	58.68 3.89 -8.52	52.69 4.02 -0.29	49.60 3.84 -0.01
N.TROY___115KV_TB1 355778	36.64 1.38 0.00	34.30 1.26 0.00	32.27 1.18 0.00	31.36 1.18 0.00	32.12 1.15 0.00	32.07 1.14 0.00	33.43 1.25 0.00	37.40 1.33 0.00	38.95 1.39 0.00	37.73 1.38 0.00	50.57 2.36 0.00	49.71 2.40 -0.23	49.59 2.12 -4.30	48.65 2.12 -3.35	50.42 2.11 -5.21	57.67 2.16 -12.29	68.16 2.28 -22.13	88.56 2.68 -34.27	79.46 2.71 -23.61	74.09 2.45 -24.51	63.64 2.65 -9.12	59.33 2.41 -10.64	51.21 2.47 -0.35	48.13 2.38 0.00
NARROWS_GT1_1 24228	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT1_2 24229	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT1_3 24230	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT1_4 24231	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT1_5 24232	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT1_6 24233	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT1_7 24234	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01

NARROWS_GT1_8 24235	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_1 24236	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_2 24237	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_3 24238	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_4 24239	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_5 24240	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_6 24241	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_7 24242	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NARROWS_GT2_8 24243	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.68 1.41 0.00	34.30 1.26 0.00	32.27 1.18 0.00	31.30 1.12 0.00	32.09 1.12 0.00	31.97 1.05 0.00	33.27 1.09 0.00	37.08 1.01 0.00	38.50 0.94 0.00	37.30 0.95 0.00	50.28 2.07 0.00	49.27 1.98 -0.22	48.53 1.34 -4.01	47.64 1.34 -3.12	49.34 1.38 -4.86	56.16 1.47 -11.47	66.08 1.66 -20.66	85.65 2.06 -31.99	77.31 2.13 -22.03	71.99 1.98 -22.88	62.51 2.13 -8.51	58.07 1.85 -9.93	50.99 2.27 -0.33	48.17 2.42 0.00
NCHELSEA_115KV_TR2 355582	37.31 2.05 0.00	34.86 1.82 0.00	32.71 1.62 0.00	31.81 1.63 0.00	32.52 1.55 0.00	32.47 1.55 0.00	33.91 1.74 0.00	37.91 1.84 0.00	39.70 2.14 0.00	38.35 2.00 0.00	51.39 3.18 0.00	50.55 3.30 -0.19	49.51 2.89 -3.43	48.79 2.94 -2.67	50.14 2.89 -4.16	55.94 2.90 -9.82	64.59 3.15 -17.68	82.85 3.87 -27.39	75.94 3.93 -18.86	70.15 3.44 -19.58	62.74 3.58 -7.29	57.98 3.19 -8.50	52.10 3.44 -0.28	49.09 3.34 0.00
NEG CAPITAL___MECHNVIL 23645	37.10 1.83 0.00	34.69 1.65 0.00	32.68 1.58 0.00	31.72 1.54 0.00	32.49 1.52 0.00	32.41 1.48 0.00	33.75 1.58 0.00	37.83 1.77 0.00	39.36 1.80 0.00	38.17 1.82 0.00	51.05 2.84 0.00	50.09 2.78 -0.24	49.99 2.46 -4.35	48.98 2.42 -3.39	50.78 2.41 -5.27	58.20 2.55 -12.43	68.86 2.71 -22.39	89.57 3.31 -34.67	80.32 3.30 -23.88	74.89 2.97 -24.79	64.31 3.22 -9.23	59.96 2.92 -10.77	51.74 3.00 -0.36	48.63 2.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.26 -2.01 0.00	31.29 -1.75 0.00	29.54 -1.55 0.00	28.61 -1.57 0.00	29.58 -1.39 0.00	29.47 -1.45 0.00	30.69 -1.48 0.00	34.55 -1.51 0.00	35.68 -1.88 0.00	34.50 -1.85 0.00	45.41 -2.80 0.00	44.27 -2.82 -0.02	41.21 -2.37 -0.40	41.04 -2.46 -0.31	40.95 -2.63 -0.49	41.96 -2.42 -1.15	43.74 -2.10 -2.08	52.34 -2.48 -3.22	52.81 -2.55 -2.22	47.12 -2.31 -2.30	50.13 -2.59 -0.86	44.83 -2.45 -1.00	45.76 -2.66 -0.03	43.28 -2.47 0.00
NEG CENTRAL___DRP 24199	34.74 -0.53 0.00	32.65 -0.40 0.00	30.75 -0.34 0.00	29.85 -0.33 0.00	30.76 -0.22 0.00	30.71 -0.22 0.00	31.98 -0.19 0.00	35.89 -0.18 0.00	37.22 -0.34 0.00	35.99 -0.36 0.00	47.63 -0.58 0.00	46.34 -0.75 -0.02	42.90 -0.73 -0.45	42.71 -0.82 -0.35	42.73 -0.91 -0.54	43.77 -0.73 -1.28	45.67 -0.39 -2.31	54.76 -0.41 -3.57	55.18 -0.43 -2.46	49.26 -0.42 -2.56	52.68 -0.41 -1.22	46.88 -0.51 -1.11	47.79 -0.63 -0.04	45.43 -0.32 0.00
NEG CENTRAL___INDECK 23768	34.84 -0.42 0.00	32.85 -0.20 0.00	31.03 -0.06 0.00	30.09 -0.09 0.00	31.16 0.19 0.00	31.05 0.12 0.00	32.34 0.16 0.00	36.43 0.36 0.00	37.45 -0.11 0.00	36.06 -0.29 0.00	47.25 -0.96 0.00	45.97 -1.13 -0.03	42.43 -1.34 -0.59	42.26 -1.38 -0.46	42.26 -1.55 -0.72	43.75 -1.17 -1.69	46.28 -0.52 -3.05	55.90 -0.41 -4.72	55.97 -0.43 -3.25	49.99 -0.52 -3.37	55.46 -0.62 -4.21	46.87 -0.88 -1.47	47.42 -1.02 -0.05	45.33 -0.41 0.00

NEG CENTRAL___SENECA 23627	34.84 -0.42 0.00	32.75 -0.30 0.00	30.91 -0.19 0.00	29.97 -0.21 0.00	30.94 -0.03 0.00	30.86 -0.06 0.00	32.17 0.00 0.00	36.10 0.04 0.00	37.37 -0.19 0.00	36.10 -0.25 0.00	47.68 -0.53 0.00	46.35 -0.75 -0.03	42.90 -0.78 -0.50	42.71 -0.86 -0.39	42.71 -0.99 -0.60	43.87 -0.78 -1.42	45.92 -0.39 -2.56	55.20 -0.36 -3.96	55.51 -0.37 -2.73	49.59 -0.38 -2.84	52.95 -0.41 -1.49	46.96 -0.56 -1.23	47.75 -0.68 -0.04	45.52 -0.23 0.00
NEG CENTRAL___STATE_STREET 24147	34.88 -0.39 0.00	32.75 -0.30 0.00	30.84 -0.25 0.00	29.91 -0.27 0.00	30.79 -0.19 0.00	30.77 -0.15 0.00	32.05 -0.13 0.00	35.96 -0.11 0.00	37.41 -0.15 0.00	36.17 -0.18 0.00	48.02 -0.19 0.00	46.81 -0.28 -0.02	43.32 -0.30 -0.44	43.13 -0.39 -0.34	43.15 -0.47 -0.53	44.18 -0.30 -1.25	45.97 -0.04 -2.26	55.09 0.00 -3.50	55.56 0.00 -2.41	49.58 -0.05 -2.50	52.80 0.00 -0.93	47.27 -0.09 -1.09	48.23 -0.19 -0.04	45.66 -0.09 0.00
NEG MILLWOOD___DRP 24198	37.42 2.15 0.00	34.93 1.88 0.00	32.77 1.68 0.00	31.90 1.72 0.00	32.52 1.55 0.00	32.44 1.52 0.00	33.98 1.80 0.00	38.05 1.98 0.00	39.89 2.33 0.00	38.57 2.22 0.00	51.78 3.57 0.00	50.89 3.62 -0.19	49.89 3.24 -3.47	49.16 3.28 -2.70	50.53 3.23 -4.20	56.42 3.29 -9.91	65.15 3.54 -17.85	83.58 4.33 -27.65	76.65 4.46 -19.04	70.81 3.91 -19.77	63.27 4.05 -7.36	58.48 3.61 -8.58	52.40 3.73 -0.29	49.27 3.52 0.00
NEG NORTH_FLCN_SEA 23793	35.27 0.00 0.00	32.58 -0.46 0.00	30.38 -0.72 0.00	29.36 -0.81 0.00	30.08 -0.90 0.00	30.15 -0.77 0.00	30.82 -1.35 0.00	34.77 -1.30 0.00	36.55 -1.01 0.00	35.62 -0.73 0.00	47.10 -1.11 0.00	46.74 -0.33 0.00	42.58 -0.60 0.00	42.27 -0.91 0.00	41.89 -1.21 0.00	41.24 -1.99 0.00	41.61 -2.14 0.00	49.38 -2.22 0.00	50.76 -2.39 0.00	45.10 -2.03 0.00	49.48 -2.39 0.00	43.87 -2.41 0.00	46.35 -2.03 0.00	43.87 -1.88 0.00
NEG NORTH_KES_CHATAGAY 23792	34.88 -0.39 0.00	32.28 -0.76 0.00	30.13 -0.96 0.00	29.12 -1.06 0.00	29.83 -1.15 0.00	29.90 -1.02 0.00	30.82 -1.35 0.00	34.77 -1.30 0.00	36.51 -1.05 0.00	35.55 -0.80 0.00	46.96 -1.25 0.00	46.51 -0.56 0.00	42.40 -0.78 0.00	42.10 -1.08 0.00	41.76 -1.34 0.00	41.19 -2.03 0.00	41.57 -2.19 0.00	49.33 -2.27 0.00	50.70 -2.44 0.00	45.01 -2.12 0.00	49.43 -2.44 0.00	43.87 -2.41 0.00	46.01 -2.37 0.00	43.51 -2.24 0.00
NEG NORTH___ALICE_FALLS 23915	35.34 0.07 0.00	32.65 -0.40 0.00	30.47 -0.62 0.00	29.42 -0.75 0.00	30.14 -0.84 0.00	30.24 -0.68 0.00	30.98 -1.19 0.00	34.98 -1.08 0.00	36.77 -0.79 0.00	35.84 -0.51 0.00	47.34 -0.87 0.00	47.03 -0.05 0.00	42.84 -0.35 0.00	42.49 -0.69 0.00	42.11 -0.99 0.00	41.45 -1.77 0.00	41.83 -1.93 0.00	49.74 -1.86 0.00	51.18 -1.97 0.00	45.43 -1.70 0.00	49.85 -2.02 0.00	44.20 -2.08 0.00	46.50 -1.89 0.00	44.01 -1.74 0.00
NEG NORTH___LWR_SARANAC 23913	35.34 0.07 0.00	32.65 -0.40 0.00	30.47 -0.62 0.00	29.42 -0.75 0.00	30.14 -0.84 0.00	30.24 -0.68 0.00	30.98 -1.19 0.00	34.98 -1.08 0.00	36.77 -0.79 0.00	35.84 -0.51 0.00	47.34 -0.87 0.00	47.03 -0.05 0.00	42.84 -0.35 0.00	42.49 -0.69 0.00	42.11 -0.99 0.00	41.45 -1.77 0.00	41.83 -1.93 0.00	49.74 -1.86 0.00	51.18 -1.97 0.00	45.43 -1.70 0.00	49.85 -2.02 0.00	44.20 -2.08 0.00	46.50 -1.89 0.00	44.01 -1.74 0.00
NEG NORTH___PLATTSBURG 23628	35.34 0.07 0.00	32.65 -0.40 0.00	30.47 -0.62 0.00	29.43 -0.75 0.00	30.14 -0.83 0.00	30.24 -0.68 0.00	30.98 -1.19 0.00	34.91 -1.16 0.00	36.77 -0.79 0.00	35.84 -0.51 0.00	47.34 -0.87 0.00	46.93 -0.14 0.00	42.83 -0.35 0.00	42.49 -0.69 0.00	42.15 -0.95 0.00	41.45 -1.77 0.00	41.83 -1.92 0.00	49.74 -1.86 0.00	51.18 -1.97 0.00	45.43 -1.69 0.00	49.85 -2.02 0.00	44.20 -2.08 0.00	46.50 -1.89 0.00	44.01 -1.74 0.00
NEG WEST_LEA_LOCKPORT 23791	32.55 -2.72 0.00	30.83 -2.21 0.00	29.23 -1.87 0.00	28.31 -1.87 0.00	29.46 -1.52 0.00	29.22 -1.70 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.74 -2.82 0.00	33.70 -2.65 0.00	43.39 -4.82 0.00	41.83 -5.27 -0.03	38.89 -4.79 -0.50	38.82 -4.75 -0.39	38.75 -4.96 -0.61	39.91 -4.75 -1.44	42.06 -4.29 -2.60	50.36 -5.26 -4.02	50.34 -5.58 -2.77	45.15 -4.85 -2.88	46.74 -5.50 -0.37	42.53 -5.00 -1.25	43.30 -5.13 -0.04	41.81 -3.93 0.00
NEG WEST___LANCASTER 23811	33.82 -1.45 0.00	32.02 -1.02 0.00	30.35 -0.75 0.00	29.42 -0.75 0.00	30.54 -0.43 0.00	30.34 -0.59 0.00	31.69 -0.48 0.00	35.45 -0.61 0.00	36.21 -1.35 0.00	35.15 -1.20 0.00	45.41 -2.80 0.00	43.90 -3.20 -0.03	38.41 -5.35 -0.58	38.32 -5.31 -0.45	38.29 -5.52 -0.71	39.66 -5.23 -1.67	41.81 -4.94 -3.00	50.31 -5.93 -4.65	50.08 -6.27 -3.20	44.94 -5.51 -3.32	46.20 -6.17 -0.51	42.22 -5.51 -1.44	42.72 -5.71 -0.05	43.73 -2.01 0.00
NEG_PENN_ALLEGHNY 23528	35.16 -0.11 0.00	33.04 0.00 0.00	31.12 0.03 0.00	30.21 0.03 0.00	31.10 0.12 0.00	31.05 0.12 0.00	32.34 0.16 0.00	36.28 0.22 0.00	37.64 0.08 0.00	36.39 0.04 0.00	48.26 0.05 0.00	47.13 0.00 -0.06	43.95 -0.35 -1.12	43.71 -0.35 -0.87	43.98 -0.47 -1.36	46.13 -0.30 -3.20	49.44 -0.09 -5.77	60.37 -0.15 -8.93	59.14 -0.16 -6.15	53.33 -0.19 -6.39	54.09 -0.16 -2.38	48.82 -0.23 -2.77	48.24 -0.24 -0.09	45.98 0.23 0.00
NEG___GEN_MONROE 24207	33.50 -1.76 0.00	31.59 -1.45 0.00	29.91 -1.18 0.00	28.97 -1.21 0.00	30.02 -0.96 0.00	29.93 -0.99 0.00	31.18 -1.00 0.00	35.06 -1.01 0.00	36.06 -1.50 0.00	34.90 -1.45 0.00	45.66 -2.56 0.00	44.27 -2.82 -0.02	41.36 -2.25 -0.42	41.22 -2.29 -0.33	41.06 -2.54 -0.51	42.09 -2.33 -1.20	43.95 -1.97 -2.16	52.62 -2.32 -3.35	53.06 -2.39 -2.31	47.31 -2.22 -2.39	50.05 -2.59 -0.77	44.87 -2.45 -1.04	45.76 -2.66 -0.03	43.51 -2.24 0.00
NEPA___ENERGY 23901	33.57 -1.69 0.00	31.72 -1.32 0.00	30.07 -1.03 0.00	29.21 -0.97 0.00	30.29 -0.68 0.00	30.09 -0.83 0.00	31.43 -0.74 0.00	35.13 -0.94 0.00	35.91 -1.65 0.00	34.82 -1.53 0.00	45.03 -3.18 0.00	43.53 -3.58 -0.03	39.67 -4.10 -0.60	39.54 -4.10 -0.46	39.51 -4.31 -0.72	40.86 -4.06 -1.70	43.10 -3.72 -3.07	51.81 -4.54 -4.75	51.58 -4.84 -3.27	46.28 -4.24 -3.40	47.65 -4.72 -0.50	43.50 -4.26 -1.47	44.03 -4.40 -0.05	43.37 -2.38 0.00
NEVERSINK___HYD 23608	37.35 2.08 0.00	34.89 1.85 0.00	32.77 1.68 0.00	31.81 1.63 0.00	32.59 1.61 0.00	32.53 1.61 0.00	33.94 1.77 0.00	37.98 1.91 0.00	39.66 2.10 0.00	38.31 1.96 0.00	51.20 2.99 0.00	50.35 3.11 -0.17	48.99 2.72 -3.09	48.31 2.72 -2.40	49.55 2.72 -3.74	54.77 2.72 -8.82	62.67 3.02 -15.89	79.97 3.76 -24.61	73.93 3.83 -16.95	68.08 3.35 -17.60	61.90 3.48 -6.55	57.02 3.10 -7.64	51.93 3.29 -0.25	49.00 3.25 0.00
NEWKRMKL_115KV_TB1 55635	35.94 0.67 0.00	33.64 0.59 0.00	31.65 0.56 0.00	30.75 0.57 0.00	31.50 0.53 0.00	31.45 0.53 0.00	32.79 0.61 0.00	36.64 0.58 0.00	38.16 0.60 0.00	37.01 0.65 0.00	50.14 1.93 0.00	49.28 1.98 -0.23	49.22 1.77 -4.26	48.23 1.73 -3.32	49.99 1.72 -5.17	57.19 1.77 -12.19	67.55 1.84 -21.96	87.66 2.06 -34.00	78.75 2.18 -23.42	73.42 1.98 -24.32	63.10 2.18 -9.05	58.78 1.94 -10.56	50.77 2.03 -0.35	47.67 1.92 0.00

NEWTON___FALLS_HYD 23847	34.38 -0.88 0.00	32.15 -0.89 0.00	30.25 -0.84 0.00	29.30 -0.88 0.00	30.11 -0.87 0.00	30.00 -0.93 0.00	31.18 -1.00 0.00	35.02 -1.05 0.00	36.36 -1.20 0.00	35.15 -1.20 0.00	46.48 -1.74 0.00	45.52 -1.55 -0.01	41.85 -1.42 -0.09	41.79 -1.47 -0.07	41.79 -1.42 -0.11	41.98 -1.51 -0.26	42.75 -1.49 -0.48	50.68 -1.65 -0.74	52.01 -1.65 -0.51	46.24 -1.41 -0.53	50.36 -1.71 -0.20	44.89 -1.62 -0.23	46.75 -1.65 -0.01	44.05 -1.69 0.00
NGRID_A1_DSASP 323792	31.77 -3.49 0.00	30.23 -2.81 0.00	28.54 -2.55 0.00	27.64 -2.53 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.79 -2.38 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.33 -5.88 0.00	41.12 -5.98 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.28 -5.40 -1.46	41.31 -5.08 -2.62	49.28 -6.40 -4.08	49.32 -6.65 -2.81	44.30 -5.75 -2.92	45.77 -6.49 -0.38	41.76 -5.79 -1.27	42.47 -5.95 -0.04	40.81 -4.94 0.00
NGRID_A2_DSASP 323793	31.77 -3.49 0.00	30.23 -2.81 0.00	28.54 -2.55 0.00	27.64 -2.53 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.79 -2.38 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.33 -5.88 0.00	41.12 -5.98 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.28 -5.40 -1.46	41.31 -5.08 -2.62	49.28 -6.40 -4.08	49.32 -6.65 -2.81	44.30 -5.75 -2.92	45.77 -6.49 -0.38	41.76 -5.79 -1.27	42.47 -5.95 -0.04	40.81 -4.94 0.00
NGRID_A4_DSASP 323807	31.77 -3.49 0.00	30.23 -2.81 0.00	28.54 -2.55 0.00	27.64 -2.53 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.79 -2.38 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.33 -5.88 0.00	41.12 -5.98 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.28 -5.40 -1.46	41.31 -5.08 -2.62	49.28 -6.40 -4.08	49.32 -6.65 -2.81	44.30 -5.75 -2.92	45.77 -6.49 -0.38	41.76 -5.79 -1.27	42.47 -5.95 -0.04	40.81 -4.94 0.00
NIAGARA_115E_LBMP 323715	32.06 -3.21 0.00	30.20 -2.84 0.00	28.76 -2.33 0.00	27.88 -2.29 0.00	28.99 -1.98 0.00	28.76 -2.17 0.00	29.89 -2.28 0.00	33.65 -2.42 0.00	34.11 -3.45 0.00	33.08 -3.27 0.00	42.52 -5.69 0.00	41.31 -5.79 -0.03	38.21 -5.48 -0.51	38.14 -5.44 -0.40	38.07 -5.64 -0.62	39.24 -5.45 -1.47	41.37 -5.03 -2.64	49.40 -6.30 -4.09	49.43 -6.54 -2.82	44.40 -5.66 -2.93	45.87 -6.38 -0.39	41.72 -5.83 -1.27	42.52 -5.90 -0.04	40.99 -4.76 0.00
NIAGARA_115W_LBMP 323714	31.71 -3.56 0.00	30.17 -2.88 0.00	28.45 -2.64 0.00	27.58 -2.60 0.00	28.68 -2.29 0.00	28.45 -2.48 0.00	29.73 -2.45 0.00	33.43 -2.63 0.00	33.88 -3.68 0.00	32.86 -3.49 0.00	42.23 -5.98 0.00	41.03 -6.07 -0.03	38.08 -5.61 -0.51	37.97 -5.61 -0.40	37.94 -5.77 -0.62	39.15 -5.53 -1.46	41.17 -5.21 -2.62	49.17 -6.50 -4.08	49.15 -6.80 -2.81	44.20 -5.85 -2.92	45.62 -6.64 -0.38	41.67 -5.88 -1.27	42.33 -6.10 -0.04	40.71 -5.03 0.00
NIAGARA_230_LBMP 323716	32.27 -3.00 0.00	30.53 -2.51 0.00	28.95 -2.15 0.00	28.07 -2.11 0.00	29.18 -1.80 0.00	28.94 -1.98 0.00	30.21 -1.96 0.00	34.01 -2.05 0.00	34.48 -3.08 0.00	33.44 -2.91 0.00	43.05 -5.16 0.00	41.83 -5.27 -0.03	38.72 -4.96 -0.50	38.65 -4.92 -0.39	38.58 -5.13 -0.61	39.78 -4.88 -1.44	41.89 -4.46 -2.60	50.00 -5.62 -4.02	50.02 -5.90 -2.77	44.96 -5.04 -2.88	46.47 -5.81 -0.40	42.35 -5.18 -1.25	43.05 -5.37 -0.04	41.45 -4.30 0.00
NIAGARA___115KV_198_GIBSON 55903	31.70 -3.56 0.00	30.00 -3.04 0.00	28.45 -2.64 0.00	27.58 -2.60 0.00	28.68 -2.29 0.00	28.45 -2.47 0.00	29.73 -2.45 0.00	33.43 -2.63 0.00	33.88 -3.68 0.00	32.86 -3.49 0.00	42.28 -5.93 0.00	40.70 -6.40 -0.03	38.08 -5.61 -0.51	37.97 -5.61 -0.40	37.94 -5.77 -0.62	39.15 -5.53 -1.46	41.17 -5.21 -2.62	49.28 -6.40 -4.08	49.15 -6.80 -2.81	44.20 -5.84 -2.92	46.08 -6.17 -0.38	41.72 -5.83 -1.27	42.33 -6.10 -0.04	40.72 -5.03 0.00
NIAGARA____ 23760	32.27 -3.00 0.00	30.53 -2.51 0.00	28.95 -2.15 0.00	28.07 -2.11 0.00	29.18 -1.80 0.00	28.94 -1.98 0.00	30.21 -1.96 0.00	34.01 -2.05 0.00	34.48 -3.08 0.00	33.44 -2.91 0.00	43.05 -5.16 0.00	41.83 -5.27 -0.03	38.73 -4.96 -0.51	38.65 -4.92 -0.40	38.58 -5.13 -0.62	39.80 -4.88 -1.46	41.91 -4.46 -2.62	50.04 -5.62 -4.06	50.04 -5.90 -2.80	44.99 -5.04 -2.91	46.46 -5.81 -0.40	42.36 -5.18 -1.26	43.05 -5.37 -0.04	41.45 -4.30 0.00
NINE_MILE_1 23575	33.85 -1.41 0.00	31.75 -1.29 0.00	29.91 -1.18 0.00	29.03 -1.15 0.00	29.83 -1.15 0.00	29.78 -1.14 0.00	30.98 -1.19 0.00	34.77 -1.30 0.00	36.13 -1.43 0.00	34.97 -1.38 0.00	46.38 -1.83 0.00	45.29 -1.79 -0.01	41.75 -1.64 -0.21	41.66 -1.68 -0.17	41.63 -1.73 -0.26	42.19 -1.64 -0.61	43.32 -1.53 -1.10	51.49 -1.81 -1.70	52.45 -1.86 -1.17	46.65 -1.69 -1.21	50.51 -1.82 -0.45	45.28 -1.53 -0.53	46.76 -1.65 -0.02	44.19 -1.56 0.00
NINE_MILE_2 23744	33.85 -1.41 0.00	31.75 -1.29 0.00	29.91 -1.18 0.00	29.03 -1.15 0.00	29.86 -1.11 0.00	29.78 -1.14 0.00	30.98 -1.19 0.00	34.77 -1.30 0.00	36.13 -1.43 0.00	34.97 -1.38 0.00	46.38 -1.83 0.00	45.29 -1.79 -0.01	41.75 -1.64 -0.21	41.71 -1.64 -0.17	41.63 -1.73 -0.26	42.19 -1.64 -0.61	43.32 -1.53 -1.09	51.48 -1.81 -1.69	52.45 -1.86 -1.17	46.65 -1.69 -1.21	50.50 -1.82 -0.45	45.28 -1.53 -0.53	46.76 -1.65 -0.02	44.19 -1.56 0.00
NM_CAPITAL___DRP 24208	36.08 0.81 0.00	33.77 0.73 0.00	31.78 0.68 0.00	30.87 0.69 0.00	31.63 0.65 0.00	31.57 0.65 0.00	32.91 0.74 0.00	36.79 0.72 0.00	38.31 0.75 0.00	37.15 0.80 0.00	50.24 2.02 0.00	49.33 2.02 -0.23	49.25 1.81 -4.25	48.31 1.81 -3.31	50.02 1.77 -5.15	57.20 1.82 -12.16	67.54 1.88 -21.90	87.63 2.12 -33.91	78.74 2.23 -23.36	73.41 2.03 -24.25	63.13 2.23 -9.03	58.80 1.99 -10.53	50.82 2.08 -0.35	47.71 1.97 0.00
NM_CENTRAL___DRP 24181	34.56 -0.71 0.00	32.42 -0.63 0.00	30.53 -0.56 0.00	29.64 -0.54 0.00	30.48 -0.50 0.00	30.43 -0.49 0.00	31.66 -0.51 0.00	35.52 -0.54 0.00	36.96 -0.60 0.00	35.73 -0.62 0.00	47.49 -0.72 0.00	46.29 -0.80 -0.02	42.75 -0.73 -0.31	42.69 -0.73 -0.24	42.65 -0.82 -0.37	43.41 -0.69 -0.88	44.81 -0.53 -1.58	53.42 -0.62 -2.44	54.19 -0.64 -1.68	48.26 -0.61 -1.75	51.90 -0.62 -0.65	46.48 -0.56 -0.76	47.78 -0.63 -0.03	45.20 -0.55 0.00
NM_FRONTIER___DRP 24179	31.70 -3.56 0.00	30.00 -3.04 0.00	28.45 -2.64 0.00	27.58 -2.60 0.00	28.68 -2.29 0.00	28.45 -2.47 0.00	29.73 -2.45 0.00	33.43 -2.63 0.00	33.88 -3.68 0.00	32.86 -3.49 0.00	42.28 -5.93 0.00	40.70 -6.40 -0.03	38.08 -5.61 -0.51	37.97 -5.61 -0.40	37.94 -5.77 -0.62	39.15 -5.53 -1.46	41.17 -5.21 -2.62	49.28 -6.40 -4.08	49.15 -6.80 -2.81	44.20 -5.84 -2.92	46.08 -6.17 -0.38	41.72 -5.83 -1.27	42.33 -6.10 -0.04	40.72 -5.03 0.00
NM_ST_REGIS___HYD 24053	34.74 -0.53 0.00	32.35 -0.69 0.00	30.35 -0.75 0.00	29.36 -0.81 0.00	30.14 -0.84 0.00	30.03 -0.90 0.00	31.11 -1.06 0.00	34.98 -1.08 0.00	36.40 -1.16 0.00	35.30 -1.05 0.00	46.38 -1.83 0.00	45.61 -1.46 0.00	41.80 -1.38 0.00	41.67 -1.51 0.00	41.54 -1.55 0.00	41.28 -1.95 0.00	41.70 -2.06 0.00	49.38 -2.22 0.00	50.86 -2.29 0.00	45.20 -1.93 0.00	49.59 -2.28 0.00	44.11 -2.18 0.00	46.26 -2.13 0.00	43.60 -2.15 0.00

NORTHPORT___1 23551	37.84 2.57 0.00	35.22 2.18 0.00	33.05 1.96 0.00	32.14 1.96 0.00	32.99 2.01 0.00	32.84 1.92 0.00	34.49 2.32 0.00	38.81 2.74 0.00	40.64 3.08 0.00	39.62 2.98 -0.29	52.17 3.95 0.00	51.26 4.00 -0.19	50.29 3.63 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.50 3.28 -9.99	64.90 3.46 -17.69	83.50 4.23 -27.67	76.16 4.15 -18.86	70.15 3.44 -19.59	63.73 4.57 -7.29	58.49 3.70 -8.51	52.49 3.82 -0.28	49.68 3.93 0.00
NORTHPORT___2 23552	37.84 2.57 0.00	35.22 2.18 0.00	33.05 1.96 0.00	32.14 1.96 0.00	32.99 2.01 0.00	32.84 1.92 0.00	34.49 2.32 0.00	38.81 2.74 0.00	40.64 3.08 0.00	39.62 2.98 -0.29	52.17 3.95 0.00	51.26 4.00 -0.19	50.29 3.63 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.50 3.28 -9.99	64.90 3.46 -17.69	83.50 4.23 -27.67	76.16 4.15 -18.86	70.15 3.44 -19.59	63.73 4.57 -7.29	58.49 3.70 -8.51	52.49 3.82 -0.28	49.68 3.93 0.00
NORTHPORT___3 23553	37.59 2.33 0.00	34.99 1.95 0.00	32.83 1.74 0.00	31.93 1.75 0.00	32.71 1.73 0.00	32.59 1.67 0.00	34.20 2.03 0.00	38.52 2.45 0.00	40.34 2.78 0.00	39.33 2.69 -0.29	51.49 3.28 0.00	50.65 3.39 -0.19	49.77 3.11 -3.48	49.18 3.24 -2.76	50.29 3.02 -4.18	56.11 2.90 -9.99	64.51 3.06 -17.69	83.14 3.87 -27.67	75.79 3.77 -18.86	69.87 3.16 -19.59	63.05 3.89 -7.29	58.02 3.24 -8.51	52.00 3.34 -0.28	49.18 3.43 0.00
NORTHPORT___4 23650	37.59 2.33 0.00	34.99 1.95 0.00	32.83 1.74 0.00	31.93 1.75 0.00	32.71 1.73 0.00	32.59 1.67 0.00	34.20 2.03 0.00	38.52 2.45 0.00	40.34 2.78 0.00	39.33 2.69 -0.29	51.49 3.28 0.00	50.65 3.39 -0.19	49.77 3.11 -3.48	49.18 3.24 -2.76	50.29 3.02 -4.18	56.11 2.90 -9.99	64.51 3.06 -17.69	83.14 3.87 -27.67	75.79 3.77 -18.86	69.87 3.16 -19.59	63.05 3.89 -7.29	58.02 3.24 -8.51	52.00 3.34 -0.28	49.18 3.43 0.00
NORTHPORT___IC 23718	37.84 2.57 0.00	35.22 2.18 0.00	33.05 1.96 0.00	32.14 1.96 0.00	32.99 2.01 0.00	32.84 1.92 0.00	34.49 2.32 0.00	38.81 2.74 0.00	40.64 3.08 0.00	39.62 2.98 -0.29	52.17 3.95 0.00	51.26 4.00 -0.19	50.29 3.63 -3.48	49.65 3.71 -2.76	50.81 3.53 -4.18	56.50 3.28 -9.99	64.90 3.46 -17.69	83.50 4.23 -27.67	76.16 4.15 -18.86	70.15 3.44 -19.59	63.73 4.57 -7.29	58.49 3.70 -8.51	52.49 3.82 -0.28	49.68 3.93 0.00
NORTH___COUNTRY_ESR 323785	34.77 -0.49 0.00	32.15 -0.89 0.00	30.00 -1.09 0.00	29.03 -1.15 0.00	29.74 -1.24 0.00	29.81 -1.11 0.00	30.73 -1.45 0.00	34.55 -1.51 0.00	36.40 -1.16 0.00	35.44 -0.91 0.00	46.86 -1.35 0.00	46.27 -0.80 0.00	42.23 -0.95 0.00	41.97 -1.21 0.00	41.63 -1.47 0.00	41.06 -2.16 0.00	41.39 -2.36 0.00	49.07 -2.53 0.00	50.44 -2.71 0.00	44.82 -2.31 0.00	49.23 -2.64 0.00	43.69 -2.59 0.00	45.82 -2.57 0.00	43.32 -2.43 0.00
NPX_GEN_1385_PROXY 323591	37.84 2.57 0.00	35.22 2.18 0.00	33.05 1.96 0.00	32.14 1.96 0.00	33.14 2.17 0.00	33.03 2.10 0.00	34.71 2.54 0.00	38.99 2.92 0.00	40.87 3.31 0.00	41.78 2.98 -2.45	51.26 5.21 2.16	52.48 5.22 -0.19	51.15 4.49 -3.48	50.47 4.53 -2.76	51.67 4.40 -4.18	56.80 3.59 -9.99	65.25 3.80 -17.69	83.30 4.03 -27.67	76.00 3.99 -18.86	69.92 3.21 -19.59	64.30 5.14 -7.29	59.04 4.26 -8.51	53.02 4.36 -0.28	50.18 4.44 0.00
NPX_GEN_CSC 323557	38.44 3.18 0.00	35.75 2.71 0.00	33.52 2.43 0.00	32.62 2.44 0.00	33.45 2.48 0.00	33.30 2.38 0.00	34.97 2.80 0.00	39.42 3.35 0.00	41.24 3.68 0.00	42.36 3.56 -2.45	50.73 4.68 2.16	51.97 4.71 -0.19	50.89 4.23 -3.48	50.22 4.28 -2.76	51.45 4.18 -4.18	57.28 4.06 -9.99	65.34 3.89 -17.69	84.28 5.00 -27.67	76.90 4.89 -18.86	70.77 4.05 -19.59	64.97 5.81 -7.29	59.13 4.35 -8.51	53.27 4.60 -0.28	50.50 4.76 0.00
NSINS_S_GLNS_FALLS 23858	37.49 2.22 0.00	35.03 1.98 0.00	33.08 1.99 0.00	32.08 1.90 0.00	32.90 1.92 0.00	32.75 1.82 0.00	34.01 1.83 0.00	38.12 2.06 0.00	39.63 2.07 0.00	38.35 2.00 0.00	51.25 3.04 0.00	50.18 2.87 -0.24	50.10 2.55 -4.37	49.05 2.46 -3.41	50.90 2.50 -5.30	58.46 2.72 -12.51	69.18 2.89 -22.53	90.10 3.61 -34.89	80.74 3.56 -24.03	75.28 3.20 -24.95	64.63 3.48 -9.29	60.45 3.33 -10.83	52.13 3.39 -0.36	49.18 3.43 0.00
NUCOR_STEEL___DRP 24197	34.91 -0.35 0.00	32.75 -0.30 0.00	30.88 -0.22 0.00	29.94 -0.24 0.00	30.82 -0.15 0.00	30.77 -0.15 0.00	32.05 -0.13 0.00	35.96 -0.11 0.00	37.37 -0.19 0.00	36.13 -0.22 0.00	47.97 -0.24 0.00	46.77 -0.33 -0.02	43.26 -0.35 -0.42	43.12 -0.39 -0.33	43.13 -0.47 -0.51	44.12 -0.30 -1.20	45.88 -0.04 -2.16	54.90 -0.05 -3.35	55.40 -0.05 -2.31	49.43 -0.09 -2.40	52.71 -0.05 -0.89	47.23 -0.09 -1.04	48.27 -0.15 -0.03	45.70 -0.05 0.00
NUMBER_THREE_WT_PWR 323818	35.09 -0.18 0.00	32.85 -0.20 0.00	30.94 -0.15 0.00	29.97 -0.21 0.00	30.85 -0.12 0.00	30.77 -0.15 0.00	32.05 -0.13 0.00	35.92 -0.14 0.00	37.45 -0.11 0.00	36.13 -0.22 0.00	48.02 -0.19 0.00	46.89 -0.19 -0.01	43.14 -0.17 -0.13	43.11 -0.17 -0.10	43.08 -0.17 -0.15	43.50 -0.09 -0.36	44.50 0.09 -0.66	52.82 0.21 -1.01	54.01 0.16 -0.70	48.09 0.24 -0.73	52.24 0.10 -0.27	46.55 -0.05 -0.32	48.30 -0.10 -0.01	45.61 -0.14 0.00
NYISO_LBMP_REFERENCE 24008	35.27 0.00 0.00	33.04 0.00 0.00	31.09 0.00 0.00	30.18 0.00 0.00	30.98 0.00 0.00	30.92 0.00 0.00	32.17 0.00 0.00	36.07 0.00 0.00	37.56 0.00 0.00	36.35 0.00 0.00	48.21 0.00 0.00	47.07 0.00 0.00	43.18 0.00 0.00	43.18 0.00 0.00	43.10 0.00 0.00	43.22 0.00 0.00	43.76 0.00 0.00	51.60 0.00 0.00	53.15 0.00 0.00	47.13 0.00 0.00	51.87 0.00 0.00	46.28 0.00 0.00	48.38 0.00 0.00	45.75 0.00 0.00
NYPA_BRENTWD___GT 24164	38.23 2.96 0.00	35.55 2.51 0.00	33.36 2.27 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.78 2.60 0.00	39.17 3.10 0.00	41.05 3.49 0.00	39.98 3.34 -0.29	52.64 4.43 0.00	51.78 4.52 -0.19	50.72 4.06 -3.48	50.09 4.15 -2.76	51.28 4.01 -4.18	57.02 3.80 -9.99	65.47 4.02 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.81 4.10 -19.59	64.45 5.29 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.23 4.49 0.00
NYPA_GOWANUS___GT5 24156	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01
NYPA_GOWANUS___GT6 24157	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.26 2.09 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.51 4.24 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.09 5.05 -18.89	71.17 4.43 -19.61	63.73 4.57 -7.29	59.05 4.26 -8.52	53.12 4.45 -0.29	49.87 4.12 -0.01

NYPA_HARLEM__RVR__GT1 24160	37.64 2.36 -0.01	35.13 2.08 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.87 1.89 -0.01	32.91 1.98 -0.01	34.39 2.22 0.00	38.30 2.24 0.00	39.97 2.41 0.00	38.79 2.44 0.00	52.11 3.90 0.00	51.41 4.14 -0.19	52.10 3.80 -5.12	52.87 3.80 -5.89	51.72 3.75 -4.87	64.88 3.76 -17.89	65.41 3.94 -17.71	84.64 4.69 -28.34	76.65 4.62 -18.88	70.78 4.05 -19.60	63.31 4.15 -7.28	58.64 3.84 -8.52	52.59 3.92 -0.29	49.51 3.75 -0.01
NYPA_HARLEM__RVR__GT2 24161	37.64 2.36 -0.01	35.13 2.08 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.87 1.89 -0.01	32.91 1.98 -0.01	34.39 2.22 0.00	38.30 2.24 0.00	39.97 2.41 0.00	38.79 2.44 0.00	52.11 3.90 0.00	51.41 4.14 -0.19	52.10 3.80 -5.12	52.87 3.80 -5.89	51.72 3.75 -4.87	64.88 3.76 -17.89	65.41 3.94 -17.71	84.64 4.69 -28.34	76.65 4.62 -18.88	70.78 4.05 -19.60	63.31 4.15 -7.28	58.64 3.84 -8.52	52.59 3.92 -0.29	49.51 3.75 -0.01
NYPA_KENT____GT 24152	37.53 2.26 -0.01	35.07 2.02 -0.01	32.90 1.80 -0.01	32.03 1.84 -0.01	32.75 1.76 -0.01	32.72 1.79 0.00	34.23 2.06 0.00	38.30 2.24 0.00	40.04 2.48 0.00	38.79 2.44 0.00	52.21 4.00 0.00	51.46 4.19 -0.20	51.56 3.84 -4.53	51.80 3.84 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.56 4.02 -17.78	91.08 4.85 -34.63	76.98 4.94 -18.89	71.07 4.33 -19.61	63.62 4.46 -7.29	58.96 4.17 -8.52	52.98 4.30 -0.29	49.78 4.03 -0.01
NYPA_POUCH1____GT 24155	37.56 2.29 -0.01	35.07 2.02 -0.01	32.94 1.83 -0.01	32.06 1.87 -0.01	32.75 1.76 -0.01	32.72 1.79 0.00	34.20 2.03 0.00	38.19 2.13 0.00	39.89 2.33 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.47 3.67 -4.62	51.59 3.67 -4.74	51.29 3.58 -4.62	61.05 3.67 -14.15	65.43 3.89 -17.78	90.97 4.74 -34.63	76.87 4.84 -18.89	70.98 4.24 -19.61	63.52 4.36 -7.29	58.96 4.17 -8.52	53.08 4.40 -0.29	49.83 4.07 -0.01
NYPA_VERNON____GT2 24162	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.65 1.73 0.00	34.20 2.03 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.75 2.40 0.00	52.17 3.95 0.00	51.46 4.19 -0.20	51.56 3.84 -4.53	51.80 3.84 -4.77	51.47 3.75 -4.62	61.18 3.80 -14.15	65.52 3.98 -17.78	90.97 4.74 -34.63	76.87 4.84 -18.89	70.98 4.24 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.88 4.21 -0.29	49.64 3.89 -0.01
NYPA_VERNON____GT3 24163	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.65 1.73 0.00	34.20 2.03 0.00	38.27 2.20 0.00	40.00 2.44 0.00	38.75 2.40 0.00	52.17 3.95 0.00	51.46 4.19 -0.20	51.56 3.84 -4.53	51.80 3.84 -4.77	51.47 3.75 -4.62	61.18 3.80 -14.15	65.52 3.98 -17.78	90.97 4.74 -34.63	76.87 4.84 -18.89	70.98 4.24 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.88 4.21 -0.29	49.64 3.89 -0.01
NYPA__ASTORIA_CC1 323568	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.23 2.16 0.00	39.97 2.41 0.00	38.75 2.40 0.00	52.17 3.95 0.00	51.42 4.14 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.13 3.76 -14.15	65.48 3.94 -17.78	90.92 4.69 -34.63	76.82 4.79 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
NYPA__ASTORIA_CC2 323569	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.69 1.76 0.00	34.20 2.03 0.00	38.23 2.16 0.00	39.97 2.41 0.00	38.75 2.40 0.00	52.17 3.95 0.00	51.42 4.14 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.13 3.76 -14.15	65.48 3.94 -17.78	90.92 4.69 -34.63	76.82 4.79 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
NYPA__HOLTSVILL 23794	38.16 2.89 0.00	35.49 2.45 0.00	33.30 2.21 0.00	32.38 2.20 0.00	33.21 2.23 0.00	33.06 2.13 0.00	34.71 2.54 0.00	39.10 3.03 0.00	40.94 3.38 0.00	39.92 3.27 -0.29	52.55 4.34 0.00	51.64 4.38 -0.19	50.59 3.93 -3.48	49.96 4.02 -2.76	51.16 3.88 -4.18	56.93 3.72 -9.99	65.25 3.80 -17.69	84.12 4.85 -27.67	76.74 4.73 -18.86	70.62 3.91 -19.59	64.40 5.24 -7.29	58.90 4.12 -8.51	52.97 4.30 -0.28	50.14 4.39 0.00
NYPA__HELLGATE_GT1 24158	37.64 2.36 -0.01	35.13 2.08 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.87 1.89 -0.01	32.91 1.98 -0.01	34.39 2.22 0.00	38.30 2.24 0.00	39.97 2.41 0.00	38.79 2.44 0.00	52.11 3.90 0.00	51.41 4.14 -0.19	50.55 3.80 -3.57	49.90 3.80 -2.92	51.07 3.75 -4.22	57.37 3.76 -10.39	65.53 3.94 -17.84	97.19 4.69 -40.90	76.65 4.62 -18.88	70.78 4.05 -19.60	63.31 4.15 -7.28	58.64 3.84 -8.52	52.59 3.92 -0.29	49.51 3.75 -0.01
NYPA__HELLGATE_GT2 24159	37.64 2.36 -0.01	35.13 2.08 -0.01	33.03 1.93 -0.01	32.15 1.96 -0.01	32.87 1.89 -0.01	32.91 1.98 -0.01	34.39 2.22 0.00	38.30 2.24 0.00	39.97 2.41 0.00	38.79 2.44 0.00	52.11 3.90 0.00	51.41 4.14 -0.19	50.55 3.80 -3.57	49.90 3.80 -2.92	51.07 3.75 -4.22	57.37 3.76 -10.39	65.53 3.94 -17.84	97.19 4.69 -40.90	76.65 4.62 -18.88	70.78 4.05 -19.60	63.31 4.15 -7.28	58.64 3.84 -8.52	52.59 3.92 -0.29	49.51 3.75 -0.01
NYS_BARGE__HYD 23848	32.58 -2.68 0.00	30.73 -2.31 0.00	29.23 -1.86 0.00	28.31 -1.87 0.00	29.46 -1.52 0.00	29.22 -1.70 0.00	30.40 -1.77 0.00	34.23 -1.84 0.00	34.74 -2.82 0.00	33.70 -2.65 0.00	43.34 -4.87 0.00	42.11 -4.99 -0.03	38.93 -4.75 -0.50	38.82 -4.75 -0.39	38.70 -5.00 -0.61	39.90 -4.75 -1.43	42.05 -4.29 -2.57	50.27 -5.31 -3.99	50.32 -5.58 -2.75	45.13 -4.85 -2.85	46.78 -5.50 -0.41	42.52 -5.00 -1.24	43.30 -5.13 -0.04	41.81 -3.93 0.00
OAK_ORCHARD__HYD 24046	33.64 -1.62 0.00	31.69 -1.36 0.00	29.94 -1.15 0.00	29.00 -1.18 0.00	30.02 -0.96 0.00	29.87 -1.05 0.00	31.14 -1.03 0.00	35.06 -1.01 0.00	36.06 -1.50 0.00	34.86 -1.49 0.00	45.65 -2.56 0.00	44.46 -2.64 -0.02	41.48 -2.11 -0.42	41.35 -2.16 -0.32	41.23 -2.37 -0.50	42.25 -2.16 -1.19	44.15 -1.75 -2.14	52.80 -2.12 -3.32	53.20 -2.23 -2.28	47.52 -1.98 -2.37	50.42 -2.33 -0.88	45.14 -2.17 -1.03	46.10 -2.32 -0.03	43.60 -2.15 0.00
OAKDALE__35_KV_LOAD 356122	35.16 -0.11 0.00	33.04 0.00 0.00	31.12 0.03 0.00	30.21 0.03 0.00	31.10 0.12 0.00	31.05 0.12 0.00	32.33 0.16 0.00	36.21 0.14 0.00	37.60 0.04 0.00	36.39 0.04 0.00	48.21 0.00 0.00	47.04 -0.09 -0.06	43.95 -0.35 -1.11	43.66 -0.39 -0.87	43.97 -0.47 -1.35	46.06 -0.35 -3.18	49.35 -0.13 -5.73	60.26 -0.21 -8.87	59.04 -0.21 -6.11	53.24 -0.24 -6.34	54.02 -0.21 -2.36	48.80 -0.23 -2.75	48.19 -0.29 -0.09	45.93 0.18 0.00
OCC_CHEM__DRP 24175	31.77 -3.49 0.00	30.07 -2.97 0.00	28.54 -2.55 0.00	27.64 -2.54 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.83 -2.35 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.38 -5.83 0.00	40.84 -6.26 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.29 -5.40 -1.46	41.31 -5.08 -2.62	49.39 -6.29 -4.08	49.32 -6.64 -2.81	44.30 -5.75 -2.92	46.18 -6.07 -0.38	41.81 -5.74 -1.27	42.48 -5.95 -0.04	40.85 -4.89 0.00

OH_GEN_PROXY 24063	32.34 -2.93 0.00	30.60 -2.44 0.00	29.01 -2.08 0.00	28.10 -2.08 0.00	29.21 -1.76 0.00	28.98 -1.95 0.00	30.28 -1.90 0.00	34.05 -2.02 0.00	34.59 -2.97 0.00	35.67 -2.84 -2.16	41.04 -5.02 2.16	41.97 -5.13 -0.03	38.85 -4.84 -0.51	38.78 -4.79 -0.39	38.71 -5.00 -0.61	39.92 -4.75 -1.45	42.03 -4.33 -2.61	50.16 -5.47 -4.03	50.24 -5.69 -2.78	45.07 -4.95 -2.88	46.68 -5.65 -0.47	42.49 -5.04 -1.25	43.20 -5.23 -0.04	41.54 -4.21 0.00
OLIN_CORP_DRP 24177	32.13 -3.14 0.00	30.40 -2.64 0.00	28.82 -2.27 0.00	27.92 -2.26 0.00	29.06 -1.92 0.00	28.82 -2.10 0.00	29.99 -2.19 0.00	33.72 -2.34 0.00	34.18 -3.38 0.00	33.15 -3.20 0.00	42.67 -5.54 0.00	41.12 -5.98 -0.03	38.34 -5.35 -0.52	38.23 -5.35 -0.40	38.16 -5.56 -0.63	39.34 -5.36 -1.48	41.47 -4.94 -2.66	49.68 -6.04 -4.12	49.56 -6.43 -2.84	44.52 -5.56 -2.95	45.97 -6.28 -0.38	41.91 -5.65 -1.28	42.62 -5.81 -0.04	41.13 -4.62 0.00
OLIN_CORP_DSASP 323712	31.77 -3.49 0.00	30.23 -2.81 0.00	28.54 -2.55 0.00	27.64 -2.53 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.79 -2.38 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.33 -5.88 0.00	41.12 -5.98 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.28 -5.40 -1.46	41.31 -5.08 -2.62	49.28 -6.40 -4.08	49.32 -6.65 -2.81	44.30 -5.75 -2.92	45.77 -6.49 -0.38	41.76 -5.79 -1.27	42.47 -5.95 -0.04	40.81 -4.94 0.00
ONEIDA_HERK_LFGE 323681	35.69 0.42 0.00	33.47 0.43 0.00	31.50 0.40 0.00	30.54 0.36 0.00	31.41 0.43 0.00	31.36 0.43 0.00	32.66 0.48 0.00	36.64 0.58 0.00	38.20 0.64 0.00	36.86 0.51 0.00	49.03 0.82 0.00	47.93 0.85 -0.01	44.03 0.73 -0.11	43.96 0.69 -0.09	43.92 0.69 -0.14	44.37 0.82 -0.33	45.30 0.96 -0.59	53.64 1.13 -0.91	54.94 1.17 -0.62	48.86 1.08 -0.65	53.15 1.04 -0.24	47.44 0.88 -0.28	49.22 0.82 -0.01	46.57 0.82 0.00
ONEIDA___115KV_TB4 55905	35.97 0.71 0.00	33.74 0.69 0.00	31.78 0.68 0.00	30.81 0.63 0.00	31.72 0.74 0.00	31.70 0.77 0.00	33.01 0.84 0.00	37.00 0.94 0.00	38.57 1.01 0.00	37.22 0.87 0.00	49.51 1.30 0.00	48.26 1.18 -0.01	44.42 1.04 -0.21	44.38 1.04 -0.16	44.38 1.03 -0.25	44.98 1.17 -0.59	46.17 1.36 -1.06	54.79 1.55 -1.64	55.87 1.59 -1.13	49.71 1.41 -1.17	53.81 1.50 -0.44	48.04 1.25 -0.51	49.61 1.21 -0.02	47.03 1.28 0.00
ONONDAGA_REF_OCCRA 23987	34.77 -0.49 0.00	32.61 -0.43 0.00	30.72 -0.37 0.00	29.79 -0.39 0.00	30.67 -0.31 0.00	30.61 -0.31 0.00	31.85 -0.32 0.00	35.74 -0.32 0.00	37.18 -0.38 0.00	35.95 -0.40 0.00	47.83 -0.39 0.00	46.62 -0.47 -0.02	43.09 -0.47 -0.38	42.96 -0.52 -0.30	43.00 -0.56 -0.46	43.88 -0.43 -1.09	45.45 -0.26 -1.96	54.32 -0.31 -3.03	54.91 -0.32 -2.09	49.01 -0.28 -2.17	52.42 -0.26 -0.81	46.94 -0.28 -0.94	48.08 -0.34 -0.03	45.52 -0.23 0.00
ONONDAGA___COGEN 23986	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.76 -0.42 0.00	30.60 -0.37 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.73 -0.48 0.00	46.57 -0.52 -0.02	43.06 -0.47 -0.35	42.89 -0.56 -0.27	42.92 -0.60 -0.43	43.75 -0.48 -1.00	45.26 -0.31 -1.81	54.04 -0.36 -2.80	54.70 -0.37 -1.93	48.80 -0.33 -2.00	52.30 -0.31 -0.75	46.87 -0.28 -0.87	48.03 -0.39 -0.03	45.47 -0.27 0.00
ONTARIO___LFGE 23819	34.84 -0.42 0.00	32.74 -0.30 0.00	30.91 -0.19 0.00	29.97 -0.21 0.00	30.94 -0.03 0.00	30.86 -0.06 0.00	32.17 0.00 0.00	36.14 0.07 0.00	37.37 -0.19 0.00	36.06 -0.29 0.00	47.68 -0.53 0.00	46.44 -0.66 -0.03	42.90 -0.78 -0.50	42.71 -0.86 -0.39	42.66 -1.03 -0.60	43.87 -0.78 -1.42	45.97 -0.35 -2.56	55.20 -0.36 -3.96	55.51 -0.37 -2.73	49.59 -0.38 -2.84	52.95 -0.42 -1.49	46.96 -0.55 -1.23	47.75 -0.68 -0.04	45.52 -0.23 0.00
ORANGEVILLE_WT_PWR 323706	33.18 -2.08 0.00	31.36 -1.68 0.00	29.73 -1.37 0.00	28.91 -1.27 0.00	29.92 -1.05 0.00	29.75 -1.18 0.00	31.02 -1.16 0.00	34.80 -1.26 0.00	35.49 -2.07 0.00	34.39 -1.96 0.00	44.59 -3.62 0.00	43.39 -3.72 -0.03	39.75 -4.06 -0.63	39.61 -4.06 -0.49	39.59 -4.27 -0.76	41.04 -3.98 -1.79	43.40 -3.59 -3.23	52.16 -4.44 -5.00	51.97 -4.62 -3.44	46.60 -4.10 -3.58	45.71 -4.62 1.54	43.62 -4.21 -1.55	44.08 -4.35 -0.05	42.87 -2.88 0.00
ORANGEVILLE___ESR 323794	33.18 -2.08 0.00	31.36 -1.68 0.00	29.73 -1.37 0.00	28.91 -1.27 0.00	29.92 -1.05 0.00	29.75 -1.18 0.00	31.02 -1.16 0.00	34.80 -1.26 0.00	35.49 -2.07 0.00	34.39 -1.96 0.00	44.59 -3.62 0.00	43.39 -3.72 -0.03	39.75 -4.06 -0.63	39.61 -4.06 -0.49	39.59 -4.27 -0.76	41.04 -3.98 -1.79	43.40 -3.59 -3.23	52.16 -4.44 -5.00	51.97 -4.62 -3.44	46.60 -4.10 -3.58	45.71 -4.62 1.54	43.62 -4.21 -1.55	44.08 -4.35 -0.05	42.87 -2.88 0.00
OSWEGATCHIE___HYD 24044	34.39 -0.88 0.00	32.15 -0.89 0.00	30.26 -0.84 0.00	29.30 -0.88 0.00	30.11 -0.87 0.00	30.00 -0.93 0.00	31.18 -1.00 0.00	34.84 -1.23 0.00	36.36 -1.20 0.00	35.15 -1.20 0.00	46.48 -1.73 0.00	45.48 -1.60 -0.01	41.85 -1.42 -0.09	41.79 -1.47 -0.07	41.97 -1.42 -0.11	42.75 -1.51 -0.26	50.74 -1.49 -0.48	52.01 -1.60 -0.74	52.01 -1.65 -0.51	46.24 -1.41 -0.53	50.36 -1.71 -0.20	44.89 -1.62 -0.23	46.75 -1.65 -0.01	44.06 -1.69 0.00
OSWEGO___5 23606	34.14 -1.13 0.00	32.02 -1.02 0.00	30.16 -0.93 0.00	29.27 -0.90 0.00	30.08 -0.90 0.00	30.03 -0.90 0.00	31.24 -0.93 0.00	35.06 -1.01 0.00	36.43 -1.13 0.00	35.26 -1.09 0.00	46.77 -1.45 0.00	45.67 -1.41 -0.01	42.13 -1.29 -0.25	42.04 -1.34 -0.19	42.01 -1.38 -0.30	42.63 -1.30 -0.71	43.85 -1.18 -1.27	52.17 -1.39 -1.97	53.07 -1.43 -1.36	47.22 -1.32 -1.41	51.00 -1.40 -0.52	45.69 -1.20 -0.61	47.10 -1.30 -0.02	44.56 -1.19 0.00
OSWEGO___6 23613	34.14 -1.13 0.00	32.02 -1.02 0.00	30.16 -0.93 0.00	29.27 -0.90 0.00	30.08 -0.90 0.00	30.03 -0.90 0.00	31.24 -0.93 0.00	35.06 -1.01 0.00	36.43 -1.13 0.00	35.26 -1.09 0.00	46.77 -1.45 0.00	45.67 -1.41 -0.01	42.13 -1.29 -0.25	42.04 -1.34 -0.19	42.01 -1.38 -0.30	42.63 -1.30 -0.71	43.85 -1.18 -1.27	52.17 -1.39 -1.97	53.07 -1.43 -1.36	47.22 -1.32 -1.41	51.00 -1.40 -0.52	45.69 -1.20 -0.61	47.10 -1.30 -0.02	44.56 -1.19 0.00
OUTOKUMPU-AB___DRP 24206	32.69 -2.57 0.00	30.93 -2.11 0.00	29.35 -1.74 0.00	28.43 -1.75 0.00	29.58 -1.39 0.00	29.35 -1.58 0.00	30.60 -1.58 0.00	34.37 -1.70 0.00	34.93 -2.63 0.00	33.92 -2.44 0.00	43.63 -4.58 0.00	42.06 -5.04 -0.03	39.04 -4.66 -0.52	38.92 -4.66 -0.41	38.86 -4.87 -0.63	40.13 -4.58 -1.49	42.24 -4.20 -2.68	50.60 -5.16 -4.16	50.54 -5.47 -2.86	45.34 -4.76 -2.97	47.04 -5.19 -0.35	42.76 -4.81 -1.29	43.44 -4.98 -0.04	42.09 -3.66 0.00
OXBOW___BTM 323836	32.27 -3.00 0.00	30.63 -2.41 0.00	28.95 -2.15 0.00	28.07 -2.11 0.00	29.18 -1.80 0.00	28.98 -1.95 0.00	30.21 -1.96 0.00	33.97 -2.09 0.00	34.48 -3.08 0.00	33.44 -2.91 0.00	43.00 -5.21 0.00	41.78 -5.32 -0.03	38.65 -5.05 -0.52	38.53 -5.05 -0.40	38.46 -5.26 -0.63	39.73 -4.97 -1.48	41.82 -4.59 -2.65	49.99 -5.73 -4.12	49.98 -6.01 -2.84	44.89 -5.18 -2.95	46.38 -5.86 -0.37	42.28 -5.28 -1.28	43.01 -5.42 -0.04	41.49 -4.25 0.00

OXBOW____ 24026	32.27 -3.00 0.00	30.53 -2.51 0.00	28.95 -2.15 0.00	28.07 -2.11 0.00	29.18 -1.80 0.00	28.98 -1.95 0.00	30.24 -1.93 0.00	33.97 -2.09 0.00	34.48 -3.08 0.00	33.48 -2.87 0.00	43.05 -5.16 0.00	41.50 -5.60 -0.03	38.65 -5.05 -0.52	38.53 -5.05 -0.40	38.46 -5.26 -0.63	39.73 -4.97 -1.48	41.81 -4.59 -2.65	50.04 -5.68 -4.12	49.98 -6.01 -2.84	44.89 -5.18 -2.95	46.69 -5.55 -0.37	42.33 -5.23 -1.28	43.01 -5.42 -0.04	41.49 -4.25 0.00
OXY_CHEM_DSASP 323612	31.77 -3.49 0.00	30.07 -2.97 0.00	28.54 -2.55 0.00	27.64 -2.54 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.83 -2.35 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.38 -5.83 0.00	40.84 -6.26 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.29 -5.40 -1.46	41.31 -5.08 -2.62	49.39 -6.29 -4.08	49.32 -6.64 -2.81	44.30 -5.75 -2.92	46.18 -6.07 -0.38	41.81 -5.74 -1.27	42.48 -5.95 -0.04	40.85 -4.89 0.00
OZONE_PARK_ESR 323760	37.45 2.19 0.00	34.99 1.95 0.00	32.83 1.74 0.00	31.96 1.78 0.00	32.65 1.67 0.00	32.66 1.73 0.00	34.20 2.03 0.00	38.30 2.24 0.00	40.15 2.59 0.00	38.90 2.54 0.00	52.31 4.10 0.00	51.65 4.38 -0.20	51.53 4.02 -4.34	51.64 4.06 -4.40	51.64 4.01 -4.54	60.58 3.98 -13.38	65.68 4.16 -17.76	89.94 5.00 -33.33	77.03 5.00 -18.88	71.12 4.38 -19.60	63.78 4.62 -7.29	58.96 4.17 -8.51	52.97 4.31 -0.28	49.68 3.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.77 -3.49 0.00	30.07 -2.97 0.00	28.54 -2.55 0.00	27.64 -2.54 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.83 -2.35 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.38 -5.83 0.00	40.84 -6.26 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.29 -5.40 -1.46	41.31 -5.08 -2.62	49.39 -6.29 -4.08	49.32 -6.64 -2.81	44.30 -5.75 -2.92	46.18 -6.07 -0.38	41.81 -5.74 -1.27	42.48 -5.95 -0.04	40.85 -4.89 0.00
PACKARD__115KV_DUPONT_184 80571	31.77 -3.49 0.00	30.07 -2.97 0.00	28.54 -2.55 0.00	27.64 -2.54 0.00	28.78 -2.20 0.00	28.54 -2.38 0.00	29.83 -2.35 0.00	33.51 -2.56 0.00	33.95 -3.61 0.00	32.93 -3.42 0.00	42.38 -5.83 0.00	40.84 -6.26 -0.03	38.17 -5.53 -0.51	38.10 -5.48 -0.40	38.03 -5.69 -0.62	39.29 -5.40 -1.46	41.31 -5.08 -2.62	49.39 -6.29 -4.08	49.32 -6.64 -2.81	44.30 -5.75 -2.92	46.18 -6.07 -0.38	41.81 -5.74 -1.27	42.48 -5.95 -0.04	40.85 -4.89 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.57 2.29 -0.01	35.10 2.05 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.84 1.86 -0.01	32.81 1.89 0.00	34.30 2.12 0.00	38.16 2.09 0.00	39.81 2.25 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.23 3.95 -0.20	50.25 3.58 -3.49	49.58 3.63 -2.77	50.82 3.53 -4.19	56.81 3.59 -10.00	65.22 3.76 -17.70	83.78 4.49 -27.69	76.61 4.57 -18.89	70.70 3.96 -19.61	63.31 4.15 -7.29	58.59 3.80 -8.52	52.64 3.97 -0.29	49.55 3.80 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.95 2.68 -0.01	35.46 2.41 -0.01	33.28 2.18 -0.01	32.39 2.20 -0.01	33.12 2.14 -0.01	33.12 2.20 0.00	34.62 2.45 0.00	38.48 2.42 0.00	40.19 2.63 0.00	39.00 2.65 0.00	52.45 4.24 0.00	51.75 4.47 -0.20	50.77 4.10 -3.49	50.09 4.15 -2.77	51.34 4.05 -4.19	57.33 4.11 -10.00	65.75 4.29 -17.70	84.40 5.11 -27.69	77.24 5.21 -18.89	71.31 4.57 -19.61	63.88 4.72 -7.29	59.15 4.35 -8.52	53.22 4.55 -0.29	50.10 4.35 -0.01
PATROON__115KV_TB1 80586	36.04 0.78 0.00	33.74 0.69 0.00	31.75 0.65 0.00	30.84 0.66 0.00	31.60 0.62 0.00	31.51 0.59 0.00	32.88 0.71 0.00	36.75 0.69 0.00	38.27 0.71 0.00	37.11 0.76 0.00	50.24 2.02 0.00	49.38 2.07 -0.23	49.27 1.81 -4.28	48.33 1.81 -3.33	50.09 1.81 -5.18	57.31 1.86 -12.23	67.71 1.93 -22.02	87.87 2.17 -34.11	78.92 2.29 -23.49	73.59 2.07 -24.39	63.23 2.28 -9.08	58.91 2.04 -10.59	50.87 2.13 -0.35	47.76 2.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.64 -1.62 0.00	31.82 -1.22 0.00	30.16 -0.93 0.00	29.27 -0.91 0.00	30.39 -0.59 0.00	30.18 -0.74 0.00	31.53 -0.64 0.00	35.31 -0.76 0.00	35.98 -1.58 0.00	34.93 -1.42 0.00	45.13 -3.09 0.00	43.57 -3.53 -0.03	38.78 -4.97 -0.57	38.70 -4.92 -0.44	38.65 -5.13 -0.69	40.00 -4.84 -1.62	42.16 -4.51 -2.91	50.69 -5.42 -4.51	50.51 -5.74 -3.11	45.31 -5.04 -3.23	46.62 -5.65 -0.41	42.59 -5.09 -1.40	43.21 -5.23 -0.05	43.46 -2.29 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.42 2.15 0.00	34.93 1.88 0.00	32.77 1.68 0.00	31.90 1.72 0.00	32.52 1.55 0.00	32.44 1.52 0.00	33.98 1.80 0.00	38.05 1.98 0.00	39.89 2.33 0.00	38.57 2.22 0.00	51.78 3.57 0.00	50.89 3.62 -0.19	49.89 3.24 -3.47	49.16 3.28 -2.70	50.53 3.23 -4.20	56.42 3.29 -9.91	65.15 3.54 -17.85	83.58 4.33 -27.65	76.65 4.46 -19.04	70.81 3.91 -19.77	63.27 4.05 -7.36	58.48 3.61 -8.58	52.40 3.73 -0.29	49.27 3.52 0.00
PEEKSKILL____ 23653	36.99 1.73 0.00	34.56 1.52 0.00	32.46 1.37 0.00	31.57 1.39 0.00	32.28 1.30 0.00	32.25 1.33 0.00	33.75 1.58 0.00	37.87 1.80 0.00	39.59 2.03 0.00	38.28 1.93 0.00	51.44 3.23 0.00	50.65 3.39 -0.19	49.72 3.11 -3.43	49.04 3.15 -2.71	50.29 3.06 -4.13	56.13 3.07 -9.84	64.44 3.19 -17.49	82.77 3.87 -27.30	75.68 3.88 -18.66	69.89 3.40 -19.37	62.71 3.63 -7.21	57.93 3.24 -8.41	52.00 3.34 -0.28	48.86 3.11 0.00
PGE MADISON__WINDPWR 24146	37.31 2.04 0.00	35.03 1.98 0.00	33.02 1.93 0.00	32.05 1.87 0.00	33.24 2.26 0.00	33.37 2.44 0.00	34.97 2.80 0.00	39.31 3.25 0.00	40.87 3.31 0.00	39.22 2.87 0.00	52.07 3.86 0.00	50.80 3.67 -0.06	47.15 2.89 -1.08	46.70 2.68 -0.84	47.03 2.63 -1.31	49.37 3.07 -3.08	52.98 3.68 -5.55	64.63 4.44 -8.59	63.64 4.57 -5.92	57.42 4.15 -6.14	58.61 4.30 -2.44	52.37 3.42 -2.67	51.81 3.34 -0.09	49.27 3.52 0.00
PIERCEFIELD__HYD 23852	34.63 -0.63 0.00	32.32 -0.73 0.00	30.38 -0.72 0.00	29.39 -0.78 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.14 -1.03 0.00	34.98 -1.08 0.00	36.28 -1.28 0.00	35.15 -1.20 0.00	46.19 -2.02 0.00	45.33 -1.74 0.00	41.58 -1.60 0.00	41.54 -1.64 0.00	41.46 -1.64 0.00	41.28 -1.95 0.00	41.70 -2.06 0.00	49.38 -2.22 0.00	50.86 -2.29 0.00	45.15 -1.98 0.00	49.59 -2.28 0.00	44.11 -2.18 0.00	46.30 -2.08 0.00	43.60 -2.15 0.00
PINELAWN_CC_1 323563	37.94 2.68 0.00	35.32 2.28 0.00	33.14 2.05 0.00	32.23 2.05 0.00	33.02 2.04 0.00	32.90 1.98 0.00	34.52 2.35 0.00	38.88 2.81 0.00	40.72 3.16 0.00	39.73 3.09 -0.29	52.36 4.15 0.00	51.45 4.19 -0.19	50.46 3.80 -3.48	49.83 3.89 -2.76	51.02 3.75 -4.18	56.80 3.59 -9.99	65.21 3.76 -17.69	84.02 4.74 -27.67	76.69 4.68 -18.86	70.62 3.91 -19.59	64.03 4.87 -7.29	58.81 4.02 -8.51	52.88 4.21 -0.28	49.91 4.16 0.00
PJM_GEN_HTP_PROXY 323702	37.17 1.90 0.00	34.73 1.68 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.43 1.46 0.00	32.44 1.51 0.00	33.97 1.80 0.00	38.12 2.05 0.00	39.85 2.29 0.00	40.72 2.22 -2.16	49.77 3.71 2.16	51.17 3.90 -0.20	50.93 3.63 -4.12	50.83 3.67 -3.98	51.12 3.58 -4.45	59.33 3.59 -12.52	65.22 3.72 -17.75	87.93 4.44 -31.90	76.43 4.41 -18.88	70.59 3.87 -19.60	63.26 4.10 -7.29	58.50 3.70 -8.51	52.49 3.82 -0.28	49.27 3.52 0.00

PJM_GEN_KEYSTONE 24065	35.16 -0.11 0.00	33.01 -0.03 0.00	31.12 0.03 0.00	30.24 0.06 0.00	31.13 0.16 0.00	31.02 0.09 0.00	32.43 0.26 0.00	36.35 0.29 0.00	37.64 0.08 0.00	38.58 0.07 -2.16	46.06 0.00 2.16	47.23 0.05 -0.11	45.00 -0.35 -2.17	44.61 -0.35 -1.77	45.19 -0.47 -2.57	49.15 -0.35 -6.28	54.09 -0.13 -10.47	66.61 -0.26 -15.27	63.24 -0.37 -10.46	58.02 -0.33 -11.22	55.46 -0.47 -4.06	51.05 -0.42 -5.18	48.17 -0.39 -0.17	46.02 0.28 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.45 2.19 0.00	34.93 1.88 0.00	32.74 1.65 0.00	31.87 1.69 0.00	32.62 1.64 0.00	32.53 1.61 0.00	34.14 1.96 0.00	38.38 2.31 0.00	40.19 2.63 0.00	41.34 2.54 -2.45	49.67 3.62 2.16	50.98 3.72 -0.19	50.07 3.41 -3.48	49.40 3.46 -2.76	50.64 3.36 -4.18	56.41 3.20 -9.99	64.77 3.32 -17.69	83.45 4.18 -27.67	76.10 4.09 -18.86	70.15 3.44 -19.59	63.31 4.15 -7.29	58.30 3.52 -8.51	52.34 3.68 -0.28	49.36 3.61 0.00
PJM_GEN_VFT_PROXY 323633	37.03 1.76 0.00	34.56 1.52 0.00	32.46 1.37 0.00	31.60 1.42 0.00	32.31 1.33 0.00	32.32 1.39 0.00	33.81 1.64 0.00	37.98 1.91 0.00	39.74 2.18 0.00	40.61 2.11 -2.16	49.62 3.57 2.16	51.13 3.86 -0.20	51.06 3.54 -4.34	51.16 3.58 -4.40	51.13 3.49 -4.54	60.06 3.46 -13.38	60.52 3.54 -13.22	61.88 4.23 -6.05	61.52 4.25 -4.12	60.21 3.68 -9.41	60.25 3.89 -4.48	58.36 3.56 -8.51	52.34 3.68 -0.28	49.18 3.43 0.00
PLATSBRG_115KV_PMLD1 355749	35.23 -0.04 0.00	32.55 -0.50 0.00	30.35 -0.75 0.00	29.33 -0.85 0.00	30.05 -0.93 0.00	30.15 -0.77 0.00	30.85 -1.32 0.00	34.80 -1.26 0.00	36.58 -0.98 0.00	35.70 -0.65 0.00	47.15 -1.06 0.00	46.79 -0.28 0.00	42.62 -0.56 0.00	42.32 -0.86 0.00	41.93 -1.16 0.00	41.28 -1.95 0.00	41.66 -2.10 0.00	49.43 -2.17 0.00	50.81 -2.34 0.00	45.15 -1.98 0.00	49.54 -2.33 0.00	43.92 -2.36 0.00	46.30 -2.08 0.00	43.83 -1.92 0.00
PLEASANTVLY___LBMP 24000	36.85 1.59 0.00	34.46 1.42 0.00	32.37 1.27 0.00	31.48 1.30 0.00	32.21 1.24 0.00	32.19 1.27 0.00	33.62 1.45 0.00	37.65 1.59 0.00	39.36 1.80 0.00	38.10 1.74 0.00	51.20 2.99 0.00	50.38 3.11 -0.20	49.66 2.85 -3.63	48.86 2.85 -2.83	50.29 2.80 -4.40	56.41 2.81 -10.37	65.38 2.93 -18.69	83.99 3.46 -28.94	76.59 3.51 -19.93	70.89 3.06 -20.69	62.89 3.32 -7.70	58.23 2.96 -8.99	51.73 3.05 -0.30	48.63 2.88 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.10 1.83 0.00	34.66 1.62 0.00	32.55 1.46 0.00	31.66 1.48 0.00	32.37 1.39 0.00	32.35 1.42 0.00	33.85 1.67 0.00	37.94 1.88 0.00	39.70 2.14 0.00	38.42 2.07 0.00	51.59 3.37 0.00	50.84 3.58 -0.19	49.89 3.28 -3.43	49.09 3.28 -2.62	50.52 3.23 -4.19	56.22 3.24 -9.76	65.00 3.37 -17.88	83.03 4.02 -27.40	76.31 4.09 -19.07	70.51 3.58 -19.80	63.03 3.79 -7.37	58.26 3.38 -8.60	52.15 3.48 -0.29	49.00 3.25 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.10 1.83 0.00	34.66 1.62 0.00	32.55 1.46 0.00	31.66 1.48 0.00	32.37 1.39 0.00	32.35 1.42 0.00	33.85 1.67 0.00	37.94 1.88 0.00	39.70 2.14 0.00	38.42 2.07 0.00	51.59 3.37 0.00	50.84 3.58 -0.19	49.89 3.28 -3.43	49.09 3.28 -2.62	50.52 3.23 -4.19	56.22 3.24 -9.76	65.00 3.37 -17.88	83.03 4.02 -27.40	76.31 4.09 -19.07	70.51 3.58 -19.80	63.03 3.79 -7.37	58.26 3.38 -8.60	52.15 3.48 -0.29	49.00 3.25 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.42 2.15 0.00	34.96 1.92 0.00	32.80 1.71 0.00	31.87 1.69 0.00	32.62 1.64 0.00	32.53 1.61 0.00	33.98 1.80 0.00	37.94 1.88 0.00	39.74 2.18 0.00	38.39 2.04 0.00	51.44 3.23 0.00	50.60 3.34 -0.19	49.57 2.89 -3.49	48.84 2.94 -2.72	50.26 2.93 -4.23	56.14 2.94 -9.98	64.93 3.19 -17.98	83.41 3.97 -27.84	76.36 4.04 -19.17	70.57 3.53 -19.91	62.96 3.68 -7.41	58.16 3.24 -8.64	52.16 3.48 -0.29	49.18 3.43 0.00
POLETTI_____ 23519	37.17 1.90 0.00	34.73 1.69 0.00	32.59 1.49 0.00	31.72 1.54 0.00	32.43 1.46 0.00	32.41 1.48 0.00	33.94 1.77 0.00	38.01 1.95 0.00	39.81 2.25 0.00	38.57 2.22 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.23 3.71 -4.34	51.33 3.76 -4.40	51.30 3.66 -4.54	60.27 3.67 -13.37	65.33 3.81 -17.76	89.47 4.54 -33.33	76.55 4.52 -18.88	70.65 3.91 -19.60	63.31 4.15 -7.29	58.54 3.75 -8.51	52.59 3.92 -0.28	49.36 3.61 0.00
POMONA___ESR 323819	36.96 1.69 0.00	34.53 1.49 0.00	32.43 1.34 0.00	31.54 1.36 0.00	32.28 1.30 0.00	32.22 1.30 0.00	33.72 1.54 0.00	37.83 1.77 0.00	39.47 1.91 0.00	38.13 1.78 0.00	51.30 3.09 0.00	50.50 3.25 -0.18	49.50 2.98 -3.34	48.83 3.02 -2.63	50.06 2.93 -4.03	55.74 2.94 -9.58	63.90 3.06 -17.08	81.87 3.66 -26.61	75.09 3.72 -18.22	69.29 3.25 -18.92	62.39 3.48 -7.04	57.60 3.10 -8.21	51.90 3.24 -0.27	48.77 3.02 0.00
PORT_JEFF_3 23555	38.23 2.96 0.00	35.55 2.51 0.00	33.33 2.24 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.78 2.60 0.00	39.17 3.10 0.00	41.01 3.45 0.00	39.98 3.34 -0.29	52.64 4.43 0.00	51.73 4.47 -0.19	50.68 4.02 -3.48	50.04 4.10 -2.76	51.24 3.96 -4.18	57.02 3.80 -9.99	65.39 3.94 -17.69	84.28 5.00 -27.67	76.90 4.89 -18.86	70.77 4.05 -19.59	64.50 5.34 -7.29	59.04 4.26 -8.51	53.07 4.40 -0.28	50.23 4.49 0.00
PORT_JEFF_4 23616	38.23 2.96 0.00	35.55 2.51 0.00	33.33 2.24 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.78 2.60 0.00	39.17 3.10 0.00	41.01 3.45 0.00	39.98 3.34 -0.29	52.64 4.43 0.00	51.73 4.47 -0.19	50.68 4.02 -3.48	50.04 4.10 -2.76	51.24 3.96 -4.18	57.02 3.80 -9.99	65.39 3.94 -17.69	84.28 5.00 -27.67	76.90 4.89 -18.86	70.77 4.05 -19.59	64.50 5.34 -7.29	59.04 4.26 -8.51	53.07 4.40 -0.28	50.23 4.49 0.00
PORT_JEFF_IC 23713	38.26 3.00 0.00	35.59 2.54 0.00	33.39 2.30 0.00	32.47 2.29 0.00	33.30 2.32 0.00	33.15 2.23 0.00	34.81 2.64 0.00	39.20 3.14 0.00	41.05 3.49 0.00	40.02 3.38 -0.29	52.70 4.48 0.00	51.78 4.52 -0.19	50.72 4.06 -3.48	50.04 4.10 -2.76	51.28 4.01 -4.18	57.06 3.85 -9.99	65.43 3.98 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.81 4.10 -19.59	64.60 5.44 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.28 4.53 0.00
PPL PILGRIM_ST_GT1 24216	38.23 2.96 0.00	35.55 2.51 0.00	33.36 2.27 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.78 2.60 0.00	39.17 3.10 0.00	41.05 3.49 0.00	39.98 3.34 -0.29	52.64 4.43 0.00	51.78 4.52 -0.19	50.72 4.06 -3.48	50.09 4.15 -2.76	51.28 4.01 -4.18	57.02 3.80 -9.99	65.47 4.02 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.81 4.10 -19.59	64.45 5.29 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.23 4.49 0.00
PPL PILGRIM_ST_GT2 24217	38.23 2.96 0.00	35.55 2.51 0.00	33.36 2.27 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.78 2.60 0.00	39.17 3.10 0.00	41.05 3.49 0.00	39.98 3.34 -0.29	52.64 4.43 0.00	51.78 4.52 -0.19	50.72 4.06 -3.48	50.09 4.15 -2.76	51.28 4.01 -4.18	57.02 3.80 -9.99	65.47 4.02 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.81 4.10 -19.59	64.45 5.29 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.23 4.49 0.00

PPL_SHRM_GT3 24213	38.47 3.21 0.00	35.78 2.74 0.00	33.55 2.46 0.00	32.65 2.48 0.00	33.48 2.51 0.00	33.34 2.41 0.00	35.01 2.83 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	51.97 4.71 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.28 4.06 -9.99	65.39 3.94 -17.69	84.38 5.11 -27.67	77.01 4.99 -18.86	70.81 4.10 -19.59	65.02 5.86 -7.29	59.18 4.40 -8.51	53.31 4.65 -0.28	50.55 4.80 0.00
PPL_SHRM_GT4 24214	38.47 3.21 0.00	35.78 2.74 0.00	33.55 2.46 0.00	32.65 2.48 0.00	33.48 2.51 0.00	33.34 2.41 0.00	35.01 2.83 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	51.97 4.71 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.28 4.06 -9.99	65.39 3.94 -17.69	84.38 5.11 -27.67	77.01 4.99 -18.86	70.81 4.10 -19.59	65.02 5.86 -7.29	59.18 4.40 -8.51	53.31 4.65 -0.28	50.55 4.80 0.00
PROJECT___ORANGE 1 24174	34.56 -0.71 0.00	32.42 -0.63 0.00	30.56 -0.53 0.00	29.64 -0.54 0.00	30.48 -0.50 0.00	30.46 -0.46 0.00	31.69 -0.48 0.00	35.56 -0.50 0.00	36.96 -0.60 0.00	35.77 -0.58 0.00	47.54 -0.67 0.00	46.34 -0.75 -0.02	42.80 -0.69 -0.31	42.69 -0.73 -0.24	42.70 -0.78 -0.38	43.42 -0.69 -0.89	44.88 -0.48 -1.60	53.46 -0.62 -2.48	54.27 -0.58 -1.71	48.34 -0.57 -1.77	51.96 -0.57 -0.66	46.54 -0.51 -0.77	47.83 -0.58 -0.03	45.24 -0.50 0.00
PROJECT___ORANGE 2 24166	34.56 -0.71 0.00	32.42 -0.63 0.00	30.56 -0.53 0.00	29.64 -0.54 0.00	30.48 -0.50 0.00	30.46 -0.46 0.00	31.69 -0.48 0.00	35.56 -0.50 0.00	36.96 -0.60 0.00	35.77 -0.58 0.00	47.54 -0.67 0.00	46.34 -0.75 -0.02	42.80 -0.69 -0.31	42.69 -0.73 -0.24	42.70 -0.78 -0.38	43.42 -0.69 -0.89	44.88 -0.48 -1.60	53.46 -0.62 -2.48	54.27 -0.58 -1.71	48.34 -0.57 -1.77	51.96 -0.57 -0.66	46.54 -0.51 -0.77	47.83 -0.58 -0.03	45.24 -0.50 0.00
PUCKETT___SOLAR 323809	35.90 0.64 0.00	33.74 0.69 0.00	31.78 0.68 0.00	30.84 0.66 0.00	31.78 0.80 0.00	31.76 0.84 0.00	33.11 0.93 0.00	37.15 1.08 0.00	38.53 0.97 0.00	37.19 0.84 0.00	49.32 1.11 0.00	48.17 1.03 -0.06	44.94 0.60 -1.15	44.64 0.56 -0.90	44.96 0.47 -1.39	47.25 0.73 -3.29	50.73 1.05 -5.92	62.01 1.24 -9.17	60.74 1.27 -6.32	54.82 1.13 -6.56	55.51 1.19 -2.44	50.05 0.93 -2.85	49.35 0.87 -0.09	47.03 1.28 0.00
PYRITES___HYD 24023	35.34 0.07 0.00	33.01 -0.03 0.00	31.03 -0.06 0.00	30.03 -0.15 0.00	30.82 -0.15 0.00	30.68 -0.25 0.00	31.85 -0.32 0.00	35.85 -0.22 0.00	37.15 -0.41 0.00	35.95 -0.40 0.00	47.20 -1.01 0.00	46.32 -0.75 0.00	42.45 -0.73 0.00	42.40 -0.78 0.00	42.36 -0.73 0.00	42.27 -0.95 0.00	42.66 -1.09 0.00	50.51 -1.08 0.00	52.08 -1.06 0.00	46.28 -0.85 0.00	50.78 -1.09 0.00	45.12 -1.16 0.00	47.27 -1.11 0.00	44.51 -1.24 0.00
QUAKERRD_115KV_BK1 80622	33.08 -2.19 0.00	31.09 -1.95 0.00	29.38 -1.71 0.00	28.46 -1.72 0.00	29.43 -1.55 0.00	29.32 -1.61 0.00	30.53 -1.64 0.00	34.37 -1.70 0.00	35.46 -2.10 0.00	34.28 -2.07 0.00	45.08 -3.13 0.00	43.80 -3.30 -0.02	40.95 -2.63 -0.40	40.77 -2.72 -0.31	40.74 -2.84 -0.49	41.69 -2.68 -1.15	43.46 -2.36 -2.07	52.07 -2.73 -3.20	52.43 -2.92 -2.21	46.78 -2.64 -2.29	49.77 -2.96 -0.85	44.54 -2.73 -0.99	45.47 -2.95 -0.03	42.96 -2.79 0.00
QUENSBRY_115KV_TB8 356137	37.56 2.29 0.00	35.06 2.02 0.00	33.11 2.02 0.00	32.14 1.96 0.00	32.93 1.95 0.00	32.81 1.89 0.00	34.01 1.83 0.00	38.16 2.09 0.00	39.66 2.10 0.00	38.39 2.04 0.00	51.30 3.09 0.00	50.23 2.92 -0.24	50.15 2.59 -4.38	49.10 2.50 -3.41	50.94 2.54 -5.30	58.51 2.77 -12.52	69.28 2.98 -22.54	90.17 3.66 -34.91	80.81 3.61 -24.05	75.39 3.30 -24.97	64.69 3.53 -9.29	60.55 3.42 -10.84	52.18 3.44 -0.36	49.27 3.52 0.00
RAMAPO___LBMP 323565	36.85 1.59 0.00	34.43 1.39 0.00	32.34 1.24 0.00	31.45 1.27 0.00	32.18 1.21 0.00	32.13 1.21 0.00	33.62 1.45 0.00	37.65 1.59 0.00	39.40 1.84 0.00	38.06 1.71 0.00	51.15 2.94 0.00	50.41 3.15 -0.18	49.36 2.85 -3.33	48.70 2.89 -2.62	49.96 2.84 -4.02	55.58 2.81 -9.55	63.72 2.93 -17.03	81.64 3.51 -26.53	74.82 3.51 -18.17	69.05 3.06 -18.86	62.16 3.27 -7.02	57.43 2.96 -8.19	51.75 3.10 -0.27	48.63 2.88 0.00
RANKINE____ 23646	33.18 -2.08 0.00	31.42 -1.62 0.00	29.79 -1.31 0.00	28.88 -1.30 0.00	30.02 -0.96 0.00	29.78 -1.14 0.00	31.11 -1.06 0.00	34.88 -1.19 0.00	35.49 -2.07 0.00	34.46 -1.89 0.00	44.40 -3.81 0.00	42.87 -4.24 -0.03	39.25 -4.49 -0.55	39.12 -4.49 -0.43	39.07 -4.70 -0.67	40.40 -4.41 -1.59	42.59 -4.03 -2.85	51.12 -4.90 -4.42	50.98 -5.21 -3.05	45.77 -4.52 -3.16	47.00 -5.14 -0.26	43.03 -4.63 -1.37	43.64 -4.79 -0.05	42.82 -2.93 0.00
RAVENSWOOD_GT2_1 24244	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.31 4.15 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.36 3.61 0.00
RAVENSWOOD_GT2_2 24245	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.31 4.15 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.36 3.61 0.00
RAVENSWOOD_GT2_3 24246	37.24 1.97 0.00	34.79 1.75 0.00	32.68 1.59 0.00	31.81 1.63 0.00	32.49 1.52 0.00	32.50 1.58 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.38 3.66 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.77 4.54 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.36 4.20 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.41 3.66 0.00
RAVENSWOOD_GT2_4 24247	37.24 1.97 0.00	34.79 1.75 0.00	32.68 1.59 0.00	31.81 1.63 0.00	32.49 1.52 0.00	32.50 1.58 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.38 3.66 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.77 4.54 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.36 4.20 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.41 3.66 0.00
RAVENSWOOD_GT3_1 24248	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.36 4.20 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.41 3.66 0.00

RAVENSWOOD_GT3_2 24249	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.36 4.20 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.41 3.66 0.00
RAVENSWOOD_GT3_3 24250	37.28 2.01 0.00	34.83 1.78 0.00	32.68 1.59 0.00	31.81 1.63 0.00	32.52 1.55 0.00	32.50 1.58 0.00	34.04 1.87 0.00	38.12 2.06 0.00	39.93 2.37 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.43 3.71 -4.53	51.71 3.76 -4.77	51.38 3.66 -4.62	61.05 3.67 -14.15	65.35 3.81 -17.78	90.82 4.59 -34.63	76.61 4.57 -18.89	70.74 4.01 -19.61	63.42 4.25 -7.29	58.64 3.84 -8.52	52.64 3.97 -0.28	49.45 3.71 0.00
RAVENSWOOD_GT3_4 24251	37.28 2.01 0.00	34.83 1.78 0.00	32.68 1.59 0.00	31.81 1.63 0.00	32.52 1.55 0.00	32.50 1.58 0.00	34.04 1.87 0.00	38.12 2.06 0.00	39.93 2.37 0.00	38.68 2.33 0.00	52.02 3.81 0.00	51.32 4.05 -0.20	51.43 3.71 -4.53	51.71 3.76 -4.77	51.38 3.66 -4.62	61.05 3.67 -14.15	65.35 3.81 -17.78	90.82 4.59 -34.63	76.61 4.57 -18.89	70.74 4.01 -19.61	63.42 4.25 -7.29	58.64 3.84 -8.52	52.64 3.97 -0.28	49.45 3.71 0.00
RAVENSWOOD_GT_1 23729	37.46 2.19 -0.01	35.00 1.95 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.69 1.70 -0.01	32.66 1.73 0.00	34.17 1.99 0.00	38.19 2.13 0.00	40.00 2.44 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.56 3.84 -4.53	51.80 3.84 -4.77	51.51 3.79 -4.62	61.18 3.80 -14.15	65.52 3.98 -17.78	90.97 4.75 -34.63	76.87 4.84 -18.89	70.98 4.24 -19.61	63.57 4.41 -7.29	58.82 4.03 -8.52	52.89 4.21 -0.29	49.64 3.89 -0.01
RAVENSWOOD_GT_10 24258	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.31 4.15 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.36 3.61 0.00
RAVENSWOOD_GT_11 24259	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.31 4.15 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.36 3.61 0.00
RAVENSWOOD_GT_4 24252	37.20 1.94 0.01	34.76 1.72 0.01	32.61 1.52 0.01	31.74 1.57 0.01	32.46 1.49 0.01	32.44 1.52 0.00	33.98 1.80 0.00	38.05 1.98 0.00	39.89 2.33 0.00	38.60 2.25 0.00	51.92 3.71 0.00	51.23 3.95 -0.20	51.39 3.67 -4.53	51.62 3.67 -4.77	51.34 3.62 -4.62	60.96 3.59 -14.15	65.26 3.72 -17.78	90.72 4.49 -34.63	76.50 4.46 -18.89	70.65 3.91 -19.61	63.31 4.15 -7.29	58.55 3.75 -8.52	52.53 3.87 -0.28	49.31 3.57 0.01
RAVENSWOOD_GT_5 24254	37.20 1.94 0.01	34.76 1.72 0.01	32.61 1.52 0.01	31.74 1.57 0.01	32.46 1.49 0.01	32.44 1.52 0.00	33.98 1.80 0.00	38.05 1.98 0.00	39.89 2.33 0.00	38.60 2.25 0.00	51.92 3.71 0.00	51.23 3.95 -0.20	51.39 3.67 -4.53	51.62 3.67 -4.77	51.34 3.62 -4.62	60.96 3.59 -14.15	65.26 3.72 -17.78	90.72 4.49 -34.63	76.50 4.46 -18.89	70.65 3.91 -19.61	63.31 4.15 -7.29	58.55 3.75 -8.52	52.53 3.87 -0.28	49.31 3.57 0.01
RAVENSWOOD_GT_6 24253	37.20 1.94 0.01	34.76 1.72 0.01	32.61 1.52 0.01	31.74 1.57 0.01	32.46 1.49 0.01	32.44 1.52 0.00	33.98 1.80 0.00	38.05 1.98 0.00	39.89 2.33 0.00	38.60 2.25 0.00	51.92 3.71 0.00	51.23 3.95 -0.20	51.39 3.67 -4.53	51.62 3.67 -4.77	51.34 3.62 -4.62	60.96 3.59 -14.15	65.26 3.72 -17.78	90.72 4.49 -34.63	76.50 4.46 -18.89	70.65 3.91 -19.61	63.31 4.15 -7.29	58.55 3.75 -8.52	52.53 3.87 -0.28	49.31 3.57 0.01
RAVENSWOOD_GT_7 24255	37.20 1.94 0.01	34.76 1.72 0.01	32.61 1.52 0.01	31.74 1.57 0.01	32.46 1.49 0.01	32.44 1.52 0.00	33.98 1.80 0.00	38.05 1.98 0.00	39.89 2.33 0.00	38.60 2.25 0.00	51.92 3.71 0.00	51.23 3.95 -0.20	51.39 3.67 -4.53	51.62 3.67 -4.77	51.34 3.62 -4.62	60.96 3.59 -14.15	65.26 3.72 -17.78	90.72 4.49 -34.63	76.50 4.46 -18.89	70.65 3.91 -19.61	63.31 4.15 -7.29	58.55 3.75 -8.52	52.53 3.87 -0.28	49.31 3.57 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.31 4.15 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.36 3.61 0.00
RAVENSWOOD_GT_9 24257	37.24 1.97 0.00	34.79 1.75 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.28 4.00 -0.20	51.39 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.72 4.49 -34.63	76.55 4.52 -18.89	70.70 3.96 -19.61	63.31 4.15 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.36 3.61 0.00
RAVENSWOOD___1 23533	37.42 2.15 -0.01	34.97 1.92 -0.01	32.84 1.74 -0.01	31.97 1.78 -0.01	32.66 1.67 -0.01	32.65 1.73 0.00	34.17 2.00 0.00	38.23 2.16 0.00	39.97 2.41 0.00	38.75 2.40 0.00	52.17 3.95 0.00	51.42 4.14 -0.20	51.52 3.80 -4.53	51.80 3.84 -4.77	51.47 3.75 -4.62	61.13 3.76 -14.15	65.48 3.94 -17.78	90.92 4.69 -34.63	76.82 4.79 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
RAVENSWOOD___2 23534	37.42 2.15 -0.01	34.97 1.92 -0.01	32.81 1.71 -0.01	31.94 1.75 -0.01	32.66 1.67 -0.01	32.62 1.70 0.00	34.17 2.00 0.00	38.23 2.16 0.00	39.97 2.41 0.00	38.71 2.36 0.00	52.17 3.95 0.00	51.42 4.14 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.13 3.76 -14.15	65.48 3.94 -17.78	90.92 4.69 -34.63	76.82 4.79 -18.89	70.93 4.19 -19.61	63.57 4.41 -7.29	58.82 4.02 -8.52	52.84 4.16 -0.29	49.64 3.89 -0.01
RAVENSWOOD___3 23535	37.24 1.97 0.00	34.79 1.75 0.00	32.68 1.58 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	34.01 1.83 0.00	38.16 2.09 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.38 3.67 -4.53	51.67 3.71 -4.77	51.34 3.62 -4.62	61.01 3.63 -14.15	65.30 3.76 -17.78	90.71 4.49 -34.63	76.55 4.51 -18.89	70.70 3.96 -19.61	63.36 4.20 -7.29	58.59 3.80 -8.52	52.59 3.92 -0.28	49.41 3.66 0.00

RAVENSWOOD___4 23820	37.42 2.15 -0.01	34.93 1.88 -0.01	32.81 1.71 -0.01	31.94 1.75 -0.01	32.65 1.67 -0.01	32.62 1.70 0.00	34.17 2.00 0.00	38.23 2.16 0.00	39.97 2.41 0.00	38.71 2.36 0.00	52.17 3.95 0.00	51.42 4.14 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.43 3.71 -4.62	61.13 3.76 -14.15	65.48 3.94 -17.78	90.87 4.65 -34.63	76.76 4.73 -18.89	70.89 4.15 -19.61	63.52 4.36 -7.29	58.82 4.02 -8.52	52.84 4.16 -0.29	49.60 3.84 -0.01
RCPI_TRUST___DRP 24196	37.21 1.94 0.00	34.76 1.72 0.00	32.65 1.55 0.00	31.78 1.60 0.00	32.49 1.52 0.00	32.47 1.55 0.00	33.98 1.80 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.64 2.29 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.01 3.71 -4.12	50.92 3.76 -3.98	51.21 3.66 -4.45	59.41 3.67 -12.52	65.31 3.81 -17.75	88.03 4.54 -31.90	76.49 4.46 -18.88	70.64 3.91 -19.60	63.31 4.15 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.36 3.61 0.00
RED___ROCHESTER 323720	33.82 -1.45 0.00	31.85 -1.19 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.27 -0.90 0.00	35.24 -0.83 0.00	36.24 -1.32 0.00	35.08 -1.27 0.00	45.95 -2.27 0.00	44.74 -2.35 -0.02	41.70 -1.90 -0.41	41.56 -1.94 -0.32	41.44 -2.15 -0.50	42.51 -1.90 -1.18	44.35 -1.53 -2.13	53.14 -1.75 -3.30	53.56 -1.86 -2.27	47.79 -1.69 -2.36	50.78 -1.97 -0.88	45.36 -1.94 -1.02	46.34 -2.08 -0.03	43.87 -1.88 0.00
REGAN___SOLAR 323812	39.00 3.74 0.00	36.45 3.40 0.00	34.33 3.23 0.00	33.23 3.05 0.00	34.07 3.10 0.00	33.89 2.97 0.00	35.52 3.35 0.00	39.82 3.75 0.00	41.32 3.76 0.00	40.10 3.74 0.00	53.37 5.16 0.00	52.18 4.85 -0.26	52.22 4.23 -4.81	51.16 4.23 -3.74	53.23 4.31 -5.82	61.81 4.84 -13.74	73.80 5.29 -24.75	96.43 6.50 -38.33	86.08 6.54 -26.40	80.48 5.94 -27.41	68.45 6.38 -10.20	63.74 5.55 -11.90	54.39 5.61 -0.40	51.05 5.30 0.00
RENSSELAER___COGEN 23796	35.90 0.64 0.00	33.64 0.60 0.00	31.62 0.53 0.00	30.72 0.54 0.00	31.47 0.49 0.00	31.42 0.49 0.00	32.75 0.58 0.00	36.64 0.58 0.00	38.12 0.56 0.00	36.93 0.58 0.00	50.00 1.78 0.00	49.14 1.83 -0.23	49.06 1.64 -4.24	48.08 1.60 -3.30	49.82 1.60 -5.13	56.98 1.64 -12.11	67.27 1.70 -21.81	87.23 1.85 -33.78	78.38 1.97 -23.27	73.07 1.79 -24.16	62.88 2.02 -8.99	58.53 1.76 -10.49	50.62 1.89 -0.35	47.53 1.78 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.86 3.60 0.00	36.22 3.17 0.00	34.20 3.11 0.00	33.11 2.93 0.00	33.98 3.00 0.00	33.77 2.84 0.00	35.13 2.96 0.00	39.46 3.39 0.00	40.98 3.42 0.00	39.80 3.45 0.00	53.18 4.97 0.00	51.88 4.57 -0.24	51.57 4.02 -4.37	50.48 3.89 -3.41	52.41 4.01 -5.30	60.10 4.37 -12.51	70.97 4.68 -22.53	92.32 5.83 -34.89	82.92 5.74 -24.03	77.26 5.18 -24.95	66.76 5.60 -9.29	62.25 5.14 -10.83	53.92 5.18 -0.36	50.83 5.08 0.00
REVERE_CPPR_DRP 24186	36.18 0.92 0.00	33.94 0.89 0.00	31.96 0.87 0.00	30.99 0.81 0.00	31.90 0.93 0.00	31.88 0.96 0.00	33.17 1.00 0.00	37.22 1.15 0.00	38.80 1.24 0.00	37.41 1.05 0.00	49.80 1.59 0.00	48.59 1.51 -0.01	44.65 1.30 -0.18	44.61 1.30 -0.14	44.65 1.34 -0.21	45.20 1.47 -0.51	46.33 1.66 -0.91	54.92 1.91 -1.41	56.14 2.02 -0.97	49.93 1.79 -1.01	54.11 1.87 -0.37	48.29 1.57 -0.44	49.95 1.55 -0.01	47.30 1.56 0.00
REYNOLDS_115KV_TB3 80639	36.22 0.95 0.00	33.94 0.89 0.00	31.90 0.81 0.00	30.99 0.81 0.00	31.75 0.77 0.00	31.70 0.77 0.00	33.04 0.87 0.00	36.93 0.87 0.00	38.46 0.90 0.00	37.30 0.95 0.00	50.28 2.07 0.00	49.42 2.12 -0.23	49.32 1.90 -4.24	48.34 1.86 -3.30	50.09 1.85 -5.14	57.21 1.86 -12.13	67.53 1.93 -21.85	87.66 2.22 -33.84	78.74 2.29 -23.31	73.40 2.07 -24.20	63.16 2.28 -9.01	58.82 2.04 -10.51	50.91 2.18 -0.35	47.81 2.06 0.00
RIVERBAY____ 323610	37.95 2.68 -0.01	35.46 2.41 -0.01	33.28 2.18 -0.01	32.39 2.20 -0.01	33.12 2.14 -0.01	33.12 2.20 0.00	34.62 2.45 0.00	38.48 2.42 0.00	40.19 2.63 0.00	39.00 2.65 0.00	52.45 4.24 0.00	51.75 4.47 -0.20	50.77 4.10 -3.49	50.09 4.15 -2.77	51.34 4.05 -4.19	57.33 4.11 -10.00	65.75 4.29 -17.70	84.40 5.11 -27.69	77.24 5.21 -18.89	71.31 4.57 -19.61	63.88 4.72 -7.29	59.15 4.35 -8.52	53.22 4.55 -0.29	50.10 4.35 -0.01
RIVERSDE_115KV_TB3 55908	36.08 0.81 0.00	33.77 0.73 0.00	31.78 0.68 0.00	30.87 0.69 0.00	31.63 0.65 0.00	31.57 0.65 0.00	32.91 0.74 0.00	36.79 0.72 0.00	38.31 0.75 0.00	37.15 0.80 0.00	50.24 2.02 0.00	49.33 2.02 -0.23	49.25 1.81 -4.25	48.31 1.81 -3.31	50.02 1.77 -5.15	57.20 1.82 -12.16	67.54 1.88 -21.90	87.63 2.12 -33.91	78.74 2.23 -23.36	73.41 2.03 -24.25	63.13 2.23 -9.03	58.80 1.99 -10.53	50.82 2.08 -0.35	47.71 1.97 0.00
ROARING___BROOK_WT_PWR 323790	35.02 -0.25 0.00	32.78 -0.27 0.00	30.81 -0.28 0.00	29.91 -0.27 0.00	30.70 -0.28 0.00	30.61 -0.31 0.00	31.85 -0.32 0.00	35.67 -0.40 0.00	37.18 -0.38 0.00	36.02 -0.33 0.00	47.63 -0.58 0.00	46.51 -0.56 0.00	42.71 -0.47 0.00	42.67 -0.52 0.00	42.58 -0.52 0.00	42.62 -0.61 0.00	43.10 -0.66 0.00	50.83 -0.77 0.00	52.35 -0.80 0.00	46.47 -0.66 0.00	51.09 -0.78 0.00	45.59 -0.69 0.00	47.71 -0.68 0.00	45.11 -0.64 0.00
ROCHESRG_115KV_T4 355643	33.50 -1.76 0.00	31.56 -1.49 0.00	29.82 -1.27 0.00	28.88 -1.30 0.00	29.89 -1.08 0.00	29.75 -1.18 0.00	31.02 -1.16 0.00	34.91 -1.15 0.00	35.87 -1.69 0.00	34.72 -1.64 0.00	45.46 -2.75 0.00	44.08 -3.01 -0.02	41.26 -2.33 -0.41	41.13 -2.38 -0.32	41.05 -2.54 -0.50	42.06 -2.33 -1.17	43.90 -1.97 -2.11	52.55 -2.32 -3.27	52.90 -2.50 -2.25	47.25 -2.22 -2.34	50.02 -2.59 -0.74	44.94 -2.36 -1.02	45.85 -2.56 -0.03	43.41 -2.33 0.00
ROCHESTER_9_IC 23652	33.68 -1.59 0.00	31.72 -1.32 0.00	29.97 -1.12 0.00	29.03 -1.15 0.00	30.05 -0.93 0.00	29.90 -1.02 0.00	31.18 -1.00 0.00	35.09 -0.97 0.00	36.10 -1.46 0.00	34.90 -1.45 0.00	45.75 -2.46 0.00	44.36 -2.73 -0.02	41.52 -2.07 -0.41	41.39 -2.12 -0.32	41.27 -2.33 -0.50	42.29 -2.12 -1.18	44.18 -1.71 -2.13	52.88 -2.01 -3.30	53.29 -2.13 -2.27	47.55 -1.93 -2.36	50.52 -2.23 -0.88	45.18 -2.13 -1.02	46.14 -2.27 -0.03	43.64 -2.10 0.00
ROCKVIEW_13_KV_LD 356306	37.21 1.94 0.00	34.76 1.72 0.00	32.62 1.52 0.00	31.72 1.54 0.00	32.43 1.46 0.00	32.44 1.52 0.00	33.94 1.77 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.60 2.25 0.00	51.88 3.66 0.00	51.12 3.86 -0.19	50.20 3.58 -3.44	49.44 3.58 -2.68	50.79 3.53 -4.16	56.55 3.50 -9.82	65.13 3.68 -17.69	83.38 4.39 -27.40	76.43 4.41 -18.87	70.59 3.86 -19.59	63.21 4.05 -7.29	58.45 3.66 -8.51	52.39 3.73 -0.28	49.22 3.48 0.00
ROME_____115KV_TB2 80656	36.18 0.92 0.00	33.94 0.89 0.00	31.96 0.87 0.00	30.99 0.81 0.00	31.90 0.93 0.00	31.88 0.96 0.00	33.17 1.00 0.00	37.22 1.15 0.00	38.80 1.24 0.00	37.41 1.05 0.00	49.80 1.59 0.00	48.59 1.51 -0.01	44.65 1.30 -0.18	44.61 1.30 -0.14	44.65 1.34 -0.21	45.20 1.47 -0.51	46.33 1.66 -0.91	54.92 1.91 -1.41	56.14 2.02 -0.97	49.93 1.79 -1.01	54.11 1.87 -0.37	48.29 1.57 -0.44	49.95 1.55 -0.01	47.30 1.56 0.00

ROSETON___1 23587	36.78 1.52 0.00	34.43 1.39 0.00	32.34 1.25 0.00	31.45 1.27 0.00	32.18 1.21 0.00	32.13 1.20 0.00	33.59 1.41 0.00	37.65 1.59 0.00	39.33 1.77 0.00	38.02 1.67 0.00	51.05 2.84 0.00	50.28 3.02 -0.19	49.37 2.72 -3.46	48.64 2.77 -2.70	49.96 2.67 -4.19	55.80 2.68 -9.90	64.39 2.80 -17.83	82.56 3.35 -27.61	75.57 3.40 -19.02	69.84 2.97 -19.74	62.38 3.16 -7.35	57.72 2.87 -8.57	51.62 2.95 -0.29	48.54 2.79 0.00
ROSETON___2 23588	36.78 1.52 0.00	34.43 1.39 0.00	32.34 1.25 0.00	31.45 1.27 0.00	32.18 1.21 0.00	32.13 1.20 0.00	33.59 1.41 0.00	37.65 1.59 0.00	39.33 1.77 0.00	38.02 1.67 0.00	51.05 2.84 0.00	50.28 3.02 -0.19	49.37 2.72 -3.46	48.64 2.77 -2.70	49.96 2.67 -4.19	55.80 2.68 -9.90	64.39 2.80 -17.83	82.56 3.35 -27.61	75.57 3.40 -19.02	69.84 2.97 -19.74	62.38 3.16 -7.35	57.72 2.87 -8.57	51.62 2.95 -0.29	48.54 2.79 0.00
ROTTTRDAM_115KV_TB3 80664	36.39 1.13 0.00	34.10 1.06 0.00	32.09 0.99 0.00	31.14 0.97 0.00	31.94 0.96 0.00	31.85 0.93 0.00	33.17 1.00 0.00	37.15 1.08 0.00	38.72 1.16 0.00	37.48 1.13 0.00	50.04 1.83 0.00	49.15 1.84 -0.24	49.24 1.64 -4.42	48.27 1.64 -3.44	50.09 1.64 -5.36	57.55 1.69 -12.64	68.32 1.79 -22.77	89.02 2.17 -35.26	79.61 2.18 -24.28	74.27 1.93 -25.21	63.38 2.13 -9.38	59.13 1.90 -10.95	50.73 1.98 -0.36	47.67 1.92 0.00
RUSSELL___1 23602	33.82 -1.45 0.00	31.85 -1.19 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.31 -0.87 0.00	35.24 -0.83 0.00	36.25 -1.31 0.00	35.08 -1.27 0.00	45.95 -2.27 0.00	44.60 -2.49 -0.02	41.70 -1.90 -0.41	41.56 -1.94 -0.32	41.49 -2.11 -0.50	42.50 -1.90 -1.18	44.35 -1.53 -2.13	53.19 -1.70 -3.30	53.56 -1.86 -2.27	47.79 -1.70 -2.36	50.78 -1.97 -0.88	45.41 -1.90 -1.02	46.34 -2.08 -0.03	43.87 -1.88 0.00
RUSSELL___2 23532	33.82 -1.45 0.00	31.85 -1.19 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.31 -0.87 0.00	35.24 -0.83 0.00	36.25 -1.31 0.00	35.08 -1.27 0.00	45.95 -2.27 0.00	44.60 -2.49 -0.02	41.70 -1.90 -0.41	41.56 -1.94 -0.32	41.49 -2.11 -0.50	42.50 -1.90 -1.18	44.35 -1.53 -2.13	53.19 -1.70 -3.30	53.56 -1.86 -2.27	47.79 -1.70 -2.36	50.78 -1.97 -0.88	45.41 -1.90 -1.02	46.34 -2.08 -0.03	43.87 -1.88 0.00
RUSSELL___3 23549	33.82 -1.45 0.00	31.85 -1.19 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.31 -0.87 0.00	35.24 -0.83 0.00	36.25 -1.31 0.00	35.08 -1.27 0.00	45.95 -2.27 0.00	44.60 -2.49 -0.02	41.70 -1.90 -0.41	41.56 -1.94 -0.32	41.49 -2.11 -0.50	42.50 -1.90 -1.18	44.35 -1.53 -2.13	53.19 -1.70 -3.30	53.56 -1.86 -2.27	47.79 -1.70 -2.36	50.78 -1.97 -0.88	45.41 -1.90 -1.02	46.34 -2.08 -0.03	43.87 -1.88 0.00
RUSSELL___4 23556	33.82 -1.45 0.00	31.85 -1.19 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.31 -0.87 0.00	35.24 -0.83 0.00	36.25 -1.31 0.00	35.08 -1.27 0.00	45.95 -2.27 0.00	44.60 -2.49 -0.02	41.70 -1.90 -0.41	41.56 -1.94 -0.32	41.49 -2.11 -0.50	42.50 -1.90 -1.18	44.35 -1.53 -2.13	53.19 -1.70 -3.30	53.56 -1.86 -2.27	47.79 -1.70 -2.36	50.78 -1.97 -0.88	45.41 -1.90 -1.02	46.34 -2.08 -0.03	43.87 -1.88 0.00
RUSSELL___STATION 23914	33.82 -1.45 0.00	31.85 -1.19 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.31 -0.87 0.00	35.24 -0.83 0.00	36.25 -1.31 0.00	35.08 -1.27 0.00	45.95 -2.27 0.00	44.60 -2.49 -0.02	41.70 -1.90 -0.41	41.56 -1.94 -0.32	41.49 -2.11 -0.50	42.50 -1.90 -1.18	44.35 -1.53 -2.13	53.19 -1.70 -3.30	53.56 -1.86 -2.27	47.79 -1.70 -2.36	50.78 -1.97 -0.88	45.41 -1.90 -1.02	46.34 -2.08 -0.03	43.87 -1.88 0.00
S SALMON___HYD 24043	34.42 -0.85 0.00	32.25 -0.79 0.00	30.41 -0.68 0.00	29.49 -0.69 0.00	30.32 -0.65 0.00	30.24 -0.68 0.00	31.40 -0.77 0.00	35.24 -0.83 0.00	36.66 -0.90 0.00	35.44 -0.91 0.00	47.20 -1.01 0.00	46.14 -0.94 -0.01	42.57 -0.86 -0.25	42.46 -0.91 -0.19	42.45 -0.95 -0.30	43.15 -0.78 -0.70	44.33 -0.70 -1.27	52.74 -0.83 -1.97	53.65 -0.85 -1.35	47.78 -0.76 -1.41	51.62 -0.78 -0.52	46.24 -0.65 -0.61	47.63 -0.78 -0.02	45.01 -0.73 0.00
S.PERRY__115KV_TB1 80734	34.84 -0.42 0.00	32.84 -0.20 0.00	31.03 -0.06 0.00	30.09 -0.09 0.00	31.16 0.19 0.00	31.05 0.12 0.00	32.33 0.16 0.00	36.43 0.36 0.00	37.45 -0.11 0.00	36.10 -0.25 0.00	47.25 -0.96 0.00	45.79 -1.32 -0.03	42.43 -1.34 -0.59	42.26 -1.38 -0.46	42.26 -1.55 -0.72	43.75 -1.17 -1.69	46.28 -0.53 -3.05	55.96 -0.36 -4.72	55.97 -0.43 -3.25	49.99 -0.52 -3.37	55.46 -0.62 -4.21	46.91 -0.83 -1.47	47.42 -1.02 -0.05	45.34 -0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.76 -2.50 0.00	30.99 -2.05 0.00	29.38 -1.71 0.00	28.49 -1.69 0.00	29.61 -1.36 0.00	29.38 -1.55 0.00	30.69 -1.48 0.00	34.44 -1.62 0.00	35.01 -2.55 0.00	33.99 -2.36 0.00	43.78 -4.44 0.00	42.21 -4.90 -0.03	39.09 -4.62 -0.53	38.98 -4.62 -0.41	38.91 -4.83 -0.65	40.21 -4.54 -1.52	42.34 -4.16 -2.74	50.74 -5.11 -4.25	50.65 -5.42 -2.92	45.50 -4.67 -3.04	46.84 -5.29 -0.26	42.83 -4.77 -1.32	43.49 -4.94 -0.04	42.18 -3.57 0.00
SAWYER___23_KV_LOAD 55526	32.76 -2.50 0.00	30.99 -2.05 0.00	29.38 -1.71 0.00	28.49 -1.69 0.00	29.61 -1.36 0.00	29.38 -1.55 0.00	30.69 -1.48 0.00	34.44 -1.62 0.00	35.01 -2.55 0.00	33.99 -2.36 0.00	43.78 -4.44 0.00	42.21 -4.90 -0.03	39.09 -4.62 -0.53	38.98 -4.62 -0.41	38.91 -4.83 -0.65	40.21 -4.54 -1.52	42.34 -4.16 -2.74	50.74 -5.11 -4.25	50.65 -5.42 -2.92	45.50 -4.67 -3.04	46.84 -5.29 -0.26	42.83 -4.77 -1.32	43.49 -4.94 -0.04	42.18 -3.57 0.00
SELKIRK___I 23801	36.22 0.95 0.00	33.94 0.89 0.00	31.93 0.84 0.00	30.99 0.82 0.00	31.78 0.80 0.00	31.70 0.77 0.00	33.01 0.84 0.00	36.93 0.86 0.00	38.42 0.86 0.00	37.22 0.87 0.00	50.09 1.88 0.00	49.18 1.88 -0.23	48.99 1.64 -4.17	48.07 1.64 -3.25	49.78 1.64 -5.05	56.83 1.68 -11.92	66.98 1.75 -21.47	86.81 1.96 -33.25	78.12 2.07 -22.90	72.79 1.89 -23.77	62.85 2.13 -8.85	58.46 1.85 -10.32	50.71 1.98 -0.34	47.67 1.92 0.00
SELKIRK___II 23799	36.04 0.77 0.00	33.74 0.69 0.00	31.75 0.65 0.00	30.84 0.66 0.00	31.59 0.62 0.00	31.54 0.62 0.00	32.88 0.71 0.00	36.79 0.72 0.00	38.27 0.71 0.00	37.08 0.73 0.00	49.94 1.73 0.00	49.09 1.79 -0.23	48.95 1.55 -4.22	48.02 1.55 -3.28	49.75 1.55 -5.11	56.83 1.55 -12.06	67.09 1.62 -21.72	87.08 1.85 -33.63	78.22 1.91 -23.16	72.92 1.74 -24.05	62.74 1.92 -8.95	58.44 1.71 -10.44	50.57 1.84 -0.35	47.49 1.74 0.00
SENECA OSWGO___HYD 24041	34.21 -1.06 0.00	32.08 -0.96 0.00	30.22 -0.87 0.00	29.33 -0.84 0.00	30.17 -0.81 0.00	30.12 -0.80 0.00	31.31 -0.87 0.00	35.17 -0.90 0.00	36.58 -0.98 0.00	35.37 -0.98 0.00	47.05 -1.16 0.00	45.96 -1.13 -0.01	42.38 -1.08 -0.28	42.27 -1.12 -0.21	42.22 -1.21 -0.33	42.93 -1.08 -0.79	44.25 -0.92 -1.42	52.71 -1.09 -2.20	53.54 -1.12 -1.51	47.71 -0.99 -1.57	51.42 -1.04 -0.58	46.04 -0.93 -0.68	47.39 -1.02 -0.02	44.83 -0.91 0.00

SENECA___115KV_TB3 355854	33.26 -2.01 0.00	31.46 -1.59 0.00	29.82 -1.27 0.00	28.94 -1.24 0.00	30.05 -0.93 0.00	29.84 -1.08 0.00	31.14 -1.03 0.00	34.91 -1.15 0.00	35.53 -2.03 0.00	34.50 -1.85 0.00	44.50 -3.71 0.00	42.96 -4.14 -0.03	39.29 -4.45 -0.55	39.21 -4.40 -0.43	39.16 -4.61 -0.67	40.44 -4.37 -1.59	42.67 -3.94 -2.85	51.22 -4.80 -4.42	51.09 -5.10 -3.05	45.81 -4.48 -3.16	47.10 -5.03 -0.26	43.12 -4.54 -1.37	43.74 -4.69 -0.05	42.91 -2.84 0.00
SENECA___ENERGY 23797	34.46 -0.81 0.00	32.35 -0.70 0.00	30.50 -0.59 0.00	29.58 -0.60 0.00	30.51 -0.46 0.00	30.46 -0.46 0.00	31.72 -0.45 0.00	35.63 -0.43 0.00	36.92 -0.64 0.00	35.70 -0.65 0.00	47.25 -0.96 0.00	46.06 -1.04 -0.02	42.55 -1.08 -0.44	42.40 -1.12 -0.35	42.38 -1.25 -0.54	43.46 -1.04 -1.27	45.30 -0.74 -2.29	54.31 -0.83 -3.54	54.79 -0.80 -2.44	48.86 -0.80 -2.53	52.13 -0.88 -1.14	46.50 -0.88 -1.10	47.40 -1.02 -0.04	45.01 -0.73 0.00
SHOEMAKER___GT 23640	36.57 1.31 0.00	34.20 1.16 0.00	32.15 1.06 0.00	31.23 1.06 0.00	31.97 0.99 0.00	31.94 1.02 0.00	33.33 1.16 0.00	37.33 1.26 0.00	38.99 1.43 0.00	37.70 1.35 0.00	50.48 2.27 0.00	49.64 2.40 -0.17	48.49 2.16 -3.15	47.79 2.16 -2.45	49.02 2.11 -3.82	54.35 2.12 -9.01	62.25 2.27 -16.22	79.45 2.73 -25.12	73.21 2.76 -17.30	67.54 2.45 -17.96	61.15 2.59 -6.69	56.39 2.31 -7.80	51.06 2.42 -0.26	48.08 2.33 0.00
SHOEMAKR_138KV_BK 111 55601	36.57 1.30 0.00	34.20 1.16 0.00	32.15 1.06 0.00	31.23 1.06 0.00	31.97 0.99 0.00	31.94 1.02 0.00	33.33 1.16 0.00	37.29 1.23 0.00	38.99 1.43 0.00	37.70 1.34 0.00	50.53 2.31 0.00	49.69 2.45 -0.17	48.51 2.20 -3.13	47.82 2.20 -2.44	49.04 2.15 -3.79	54.33 2.16 -8.95	62.19 2.32 -16.12	79.34 2.79 -24.96	73.15 2.82 -17.19	67.43 2.45 -17.85	61.11 2.59 -6.64	56.39 2.36 -7.75	51.11 2.47 -0.26	48.08 2.33 0.00
SHOREHAM_IC_1 23715	38.47 3.21 0.00	35.78 2.74 0.00	33.55 2.46 0.00	32.65 2.48 0.00	33.48 2.51 0.00	33.34 2.41 0.00	35.01 2.83 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	51.97 4.71 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.28 4.06 -9.99	65.39 3.94 -17.69	84.38 5.11 -27.67	77.01 4.99 -18.86	70.81 4.10 -19.59	65.02 5.86 -7.29	59.18 4.40 -8.51	53.31 4.65 -0.28	50.55 4.80 0.00
SHOREHAM_IC_2 23716	38.47 3.21 0.00	35.78 2.74 0.00	33.55 2.46 0.00	32.65 2.48 0.00	33.48 2.51 0.00	33.34 2.41 0.00	35.01 2.83 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	51.97 4.71 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.28 4.06 -9.99	65.39 3.94 -17.69	84.38 5.11 -27.67	77.01 4.99 -18.86	70.81 4.10 -19.59	65.02 5.86 -7.29	59.18 4.40 -8.51	53.31 4.65 -0.28	50.55 4.80 0.00
SISSONVILLE____ 23735	34.63 -0.63 0.00	32.32 -0.73 0.00	30.38 -0.72 0.00	29.39 -0.78 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.14 -1.03 0.00	34.98 -1.08 0.00	36.28 -1.28 0.00	35.15 -1.20 0.00	46.19 -2.02 0.00	45.33 -1.74 0.00	41.58 -1.60 0.00	41.54 -1.64 0.00	41.46 -1.64 0.00	41.28 -1.95 0.00	41.70 -2.06 0.00	49.38 -2.22 0.00	50.86 -2.29 0.00	45.15 -1.98 0.00	49.59 -2.28 0.00	44.11 -2.18 0.00	46.30 -2.08 0.00	43.60 -2.15 0.00
SITHE_IND_GS1 24169	33.82 -1.45 0.00	31.72 -1.32 0.00	29.88 -1.21 0.00	29.00 -1.18 0.00	29.83 -1.15 0.00	29.78 -1.14 0.00	30.95 -1.22 0.00	34.73 -1.33 0.00	36.09 -1.47 0.00	34.93 -1.42 0.00	46.33 -1.88 0.00	45.25 -1.84 -0.01	41.71 -1.68 -0.21	41.66 -1.68 -0.17	41.59 -1.77 -0.26	42.15 -1.69 -0.61	43.29 -1.57 -1.11	51.46 -1.86 -1.71	52.42 -1.91 -1.18	46.66 -1.69 -1.22	50.46 -1.87 -0.46	45.24 -1.57 -0.53	46.71 -1.69 -0.02	44.14 -1.60 0.00
SITHE_IND_GS2 24170	33.82 -1.45 0.00	31.72 -1.32 0.00	29.88 -1.21 0.00	29.00 -1.18 0.00	29.83 -1.15 0.00	29.78 -1.14 0.00	30.95 -1.22 0.00	34.73 -1.33 0.00	36.09 -1.47 0.00	34.93 -1.42 0.00	46.33 -1.88 0.00	45.25 -1.84 -0.01	41.71 -1.68 -0.21	41.66 -1.68 -0.17	41.59 -1.77 -0.26	42.15 -1.69 -0.61	43.29 -1.57 -1.11	51.46 -1.86 -1.71	52.42 -1.91 -1.18	46.66 -1.69 -1.22	50.46 -1.87 -0.46	45.24 -1.57 -0.53	46.71 -1.69 -0.02	44.14 -1.60 0.00
SITHE_IND_GS3 24171	33.82 -1.45 0.00	31.72 -1.32 0.00	29.88 -1.21 0.00	29.00 -1.18 0.00	29.83 -1.15 0.00	29.78 -1.14 0.00	30.95 -1.22 0.00	34.73 -1.33 0.00	36.09 -1.47 0.00	34.93 -1.42 0.00	46.33 -1.88 0.00	45.25 -1.84 -0.01	41.71 -1.68 -0.21	41.66 -1.68 -0.17	41.59 -1.77 -0.26	42.15 -1.69 -0.61	43.29 -1.57 -1.11	51.46 -1.86 -1.71	52.42 -1.91 -1.18	46.66 -1.69 -1.22	50.46 -1.87 -0.46	45.24 -1.57 -0.53	46.71 -1.69 -0.02	44.14 -1.60 0.00
SITHE_IND_GS4 24172	33.82 -1.45 0.00	31.72 -1.32 0.00	29.88 -1.21 0.00	29.00 -1.18 0.00	29.83 -1.15 0.00	29.78 -1.14 0.00	30.95 -1.22 0.00	34.73 -1.33 0.00	36.09 -1.47 0.00	34.93 -1.42 0.00	46.33 -1.88 0.00	45.25 -1.84 -0.01	41.71 -1.68 -0.21	41.66 -1.68 -0.17	41.59 -1.77 -0.26	42.15 -1.69 -0.61	43.29 -1.57 -1.11	51.46 -1.86 -1.71	52.42 -1.91 -1.18	46.66 -1.69 -1.22	50.46 -1.87 -0.46	45.24 -1.57 -0.53	46.71 -1.69 -0.02	44.14 -1.60 0.00
SITHE___BATAVIA 24024	33.57 -1.69 0.00	31.66 -1.39 0.00	30.04 -1.06 0.00	29.06 -1.12 0.00	30.20 -0.77 0.00	30.03 -0.90 0.00	31.24 -0.93 0.00	35.20 -0.87 0.00	35.95 -1.61 0.00	34.79 -1.56 0.00	45.08 -3.13 0.00	43.85 -3.25 -0.03	40.59 -3.06 -0.47	40.44 -3.11 -0.37	40.31 -3.36 -0.57	41.51 -3.07 -1.36	43.62 -2.58 -2.44	52.33 -3.04 -3.78	52.51 -3.24 -2.60	46.96 -2.88 -2.70	49.08 -3.32 -0.53	44.26 -3.19 -1.17	45.09 -3.34 -0.04	43.28 -2.47 0.00
SITHE___INDEPEND 23800	33.82 -1.45 0.00	31.72 -1.32 0.00	29.88 -1.21 0.00	29.00 -1.18 0.00	29.83 -1.15 0.00	29.78 -1.14 0.00	30.95 -1.22 0.00	34.73 -1.33 0.00	36.10 -1.46 0.00	34.93 -1.42 0.00	46.33 -1.88 0.00	45.20 -1.88 -0.01	41.71 -1.68 -0.21	41.67 -1.68 -0.17	41.59 -1.77 -0.26	42.15 -1.69 -0.61	43.29 -1.58 -1.11	51.45 -1.86 -1.71	52.41 -1.91 -1.18	46.66 -1.70 -1.22	50.51 -1.82 -0.46	45.24 -1.57 -0.53	46.71 -1.69 -0.02	44.15 -1.60 0.00
SITHE___MASSENA 23902	35.41 0.14 0.00	33.11 0.07 0.00	31.12 0.03 0.00	30.15 -0.03 0.00	30.94 -0.03 0.00	30.89 -0.03 0.00	32.05 -0.13 0.00	35.78 -0.29 0.00	37.30 -0.26 0.00	36.13 -0.22 0.00	47.44 -0.77 0.00	46.41 -0.66 0.00	42.62 -0.56 0.00	42.62 -0.56 0.00	42.58 -0.52 0.00	42.45 -0.78 0.00	42.84 -0.92 0.00	50.67 -0.93 0.00	52.24 -0.90 0.00	46.33 -0.80 0.00	50.94 -0.93 0.00	45.36 -0.93 0.00	47.52 -0.87 0.00	44.78 -0.96 0.00
SITHE___OGDNSBRG 24021	35.51 0.25 0.00	33.18 0.13 0.00	31.22 0.12 0.00	30.21 0.03 0.00	31.04 0.06 0.00	30.95 0.03 0.00	32.11 -0.06 0.00	36.10 0.04 0.00	37.41 -0.15 0.00	36.21 -0.15 0.00	47.49 -0.72 0.00	46.55 -0.52 0.00	42.71 -0.47 0.00	42.71 -0.47 0.00	42.67 -0.43 0.00	42.53 -0.69 0.00	42.97 -0.79 0.00	50.88 -0.72 0.00	52.46 -0.69 0.00	46.56 -0.57 0.00	51.09 -0.78 0.00	45.45 -0.83 0.00	47.56 -0.82 0.00	44.83 -0.91 0.00

SITHE___STERLING 23777	35.97 0.71 0.00	33.74 0.69 0.00	31.78 0.68 0.00	30.81 0.63 0.00	31.72 0.74 0.00	31.70 0.77 0.00	33.01 0.84 0.00	37.04 0.97 0.00	38.57 1.01 0.00	37.22 0.87 0.00	49.51 1.30 0.00	48.31 1.22 -0.01	44.42 1.03 -0.21	44.38 1.03 -0.16	44.38 1.03 -0.25	44.98 1.17 -0.59	46.17 1.36 -1.06	54.84 1.60 -1.64	55.87 1.59 -1.13	49.71 1.41 -1.17	53.81 1.51 -0.44	48.04 1.25 -0.51	49.61 1.21 -0.02	47.03 1.28 0.00
SLEIGHT__34_KV_TB1 80719	33.93 -1.34 0.00	31.89 -1.16 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.11 -0.87 0.00	30.03 -0.90 0.00	31.27 -0.90 0.00	35.20 -0.87 0.00	36.40 -1.16 0.00	35.19 -1.16 0.00	46.48 -1.74 0.00	45.16 -1.93 -0.02	42.08 -1.51 -0.41	41.90 -1.60 -0.32	41.86 -1.72 -0.49	42.83 -1.56 -1.16	44.67 -1.18 -2.09	53.49 -1.34 -3.24	53.94 -1.43 -2.23	48.08 -1.37 -2.31	51.23 -1.50 -0.86	45.80 -1.48 -1.00	46.77 -1.65 -0.03	44.19 -1.56 0.00
SOUTH CAIRO___GT 23612	37.03 1.76 0.00	34.60 1.55 0.00	32.52 1.43 0.00	31.54 1.36 0.00	32.34 1.36 0.00	32.19 1.27 0.00	33.49 1.32 0.00	37.29 1.23 0.00	38.65 1.09 0.00	37.51 1.16 0.00	50.43 2.22 0.00	49.46 2.17 -0.22	48.66 1.47 -4.01	47.73 1.42 -3.12	49.51 1.55 -4.86	56.34 1.64 -11.47	66.34 1.92 -20.66	85.96 2.37 -31.99	77.68 2.50 -22.03	72.31 2.31 -22.88	62.82 2.44 -8.51	58.39 2.18 -9.93	51.33 2.61 -0.33	48.54 2.79 0.00
SOUTH HAMPTN___IC 23720	38.83 3.56 0.00	36.12 3.07 0.00	33.86 2.77 0.00	32.95 2.77 0.00	33.79 2.82 0.00	33.61 2.69 0.00	35.33 3.15 0.00	39.82 3.75 0.00	41.69 4.13 0.00	40.64 4.00 -0.29	53.47 5.26 0.00	52.48 5.22 -0.19	51.32 4.67 -3.48	50.69 4.75 -2.76	51.93 4.66 -4.18	57.75 4.54 -9.99	65.95 4.51 -17.69	85.10 5.83 -27.67	77.70 5.69 -18.86	71.43 4.71 -19.59	65.64 6.48 -7.29	59.74 4.95 -8.51	53.85 5.18 -0.28	51.05 5.30 0.00
SOUTHDOW_115KV_TB1 355954	34.10 -1.16 0.00	32.18 -0.86 0.00	30.53 -0.56 0.00	29.76 -0.42 0.00	30.82 -0.15 0.00	30.52 -0.40 0.00	31.98 -0.19 0.00	35.60 -0.47 0.00	36.36 -1.20 0.00	35.33 -1.02 0.00	45.46 -2.75 0.00	43.90 -3.20 -0.03	39.59 -4.19 -0.60	39.46 -4.19 -0.47	39.43 -4.40 -0.73	40.83 -4.11 -1.72	43.08 -3.76 -3.09	52.00 -4.39 -4.79	51.71 -4.73 -3.30	46.36 -4.19 -3.42	48.02 -4.62 -0.76	43.56 -4.21 -1.49	44.08 -4.35 -0.05	44.15 -1.60 0.00
SOUTHOLD_69_KV_BK 2 55809	39.36 4.09 0.00	36.58 3.54 0.00	34.33 3.23 0.00	33.38 3.20 0.00	34.26 3.28 0.00	34.08 3.15 0.00	35.75 3.57 0.00	40.14 4.08 0.00	42.26 4.70 0.00	41.26 4.62 -0.29	54.14 5.93 0.00	53.14 5.31 -0.19	51.97 5.31 -3.48	51.29 5.35 -2.76	52.49 5.21 -4.18	58.40 5.19 -9.99	66.70 5.25 -17.69	86.08 6.81 -27.67	78.76 6.75 -18.86	72.32 5.61 -19.59	66.58 7.42 -7.29	60.52 5.74 -8.51	54.67 6.00 -0.28	51.79 6.04 0.00
SOUTHOLD___IC 23719	39.35 4.09 0.00	36.58 3.54 0.00	34.33 3.23 0.00	33.38 3.20 0.00	34.26 3.28 0.00	34.08 3.16 0.00	35.81 3.63 0.00	40.39 4.33 0.00	42.29 4.73 0.00	41.26 4.62 -0.29	54.19 5.98 0.00	53.19 5.93 -0.19	51.97 5.31 -3.48	51.25 5.31 -2.76	52.53 5.26 -4.18	58.40 5.18 -9.99	66.69 5.25 -17.69	86.08 6.81 -27.67	78.76 6.75 -18.86	72.32 5.61 -19.59	66.58 7.42 -7.29	60.52 5.74 -8.51	54.67 6.00 -0.28	51.79 6.04 0.00
SOUTH_FORK_WT_PWR 323839	39.42 4.16 0.00	36.65 3.60 0.00	34.36 3.26 0.00	33.44 3.26 0.00	34.29 3.32 0.00	34.11 3.19 0.00	35.84 3.67 0.00	40.43 4.36 0.00	42.37 4.81 0.00	41.30 4.65 -0.29	54.29 6.07 0.00	53.24 5.98 -0.19	52.01 5.35 -3.48	51.34 5.40 -2.76	52.62 5.34 -4.18	58.44 5.23 -9.99	66.78 5.34 -17.69	86.14 6.86 -27.67	78.82 6.80 -18.86	72.37 5.65 -19.59	66.68 7.52 -7.29	60.62 5.83 -8.51	54.72 6.05 -0.28	51.88 6.13 0.00
SPIERFLS_115KV_TB 1 80737	37.31 2.05 0.00	34.86 1.82 0.00	32.96 1.87 0.00	31.96 1.78 0.00	32.77 1.80 0.00	32.62 1.70 0.00	33.81 1.64 0.00	37.94 1.88 0.00	39.44 1.88 0.00	38.13 1.78 0.00	50.96 2.75 0.00	49.90 2.59 -0.24	49.85 2.29 -4.38	48.84 2.25 -3.41	50.69 2.28 -5.31	58.21 2.46 -12.52	68.98 2.67 -22.55	89.83 3.30 -34.93	80.45 3.24 -24.06	75.03 2.92 -24.98	64.33 3.16 -9.30	60.23 3.10 -10.85	51.89 3.15 -0.36	49.00 3.25 0.00
ST LAWRENCE____ 23600	35.09 -0.18 0.00	32.81 -0.23 0.00	30.84 -0.25 0.00	29.91 -0.27 0.00	30.70 -0.28 0.00	30.64 -0.28 0.00	31.82 -0.35 0.00	35.60 -0.47 0.00	37.15 -0.41 0.00	35.99 -0.36 0.00	47.25 -0.96 0.00	46.13 -0.94 0.00	42.41 -0.78 0.00	42.41 -0.78 0.00	42.36 -0.73 0.00	42.27 -0.95 0.00	42.62 -1.14 0.00	50.41 -1.18 0.00	51.93 -1.22 0.00	46.05 -1.08 0.00	50.63 -1.25 0.00	45.13 -1.16 0.00	47.22 -1.16 0.00	44.56 -1.19 0.00
STATE_CA_115KV_115_LB 55624	36.04 0.78 0.00	33.74 0.69 0.00	31.75 0.65 0.00	30.84 0.66 0.00	31.60 0.62 0.00	31.51 0.59 0.00	32.88 0.71 0.00	36.75 0.69 0.00	38.27 0.71 0.00	37.11 0.76 0.00	50.24 2.02 0.00	49.38 2.07 -0.23	49.32 1.86 -4.28	48.33 1.81 -3.33	50.09 1.81 -5.19	57.32 1.86 -12.23	67.72 1.93 -22.04	87.89 2.17 -34.13	78.94 2.29 -23.51	73.61 2.07 -24.41	63.24 2.28 -9.08	58.91 2.04 -10.60	50.87 2.13 -0.35	47.76 2.01 0.00
STATE_ST_34_KV_LOAD 55959	34.88 -0.39 0.00	32.75 -0.30 0.00	30.84 -0.25 0.00	29.91 -0.27 0.00	30.79 -0.19 0.00	30.77 -0.15 0.00	32.05 -0.13 0.00	35.96 -0.11 0.00	37.41 -0.15 0.00	36.17 -0.18 0.00	48.02 -0.19 0.00	46.81 -0.28 -0.02	43.32 -0.30 -0.44	43.13 -0.39 -0.34	43.15 -0.47 -0.53	44.18 -0.40 -1.25	45.97 -0.04 -2.26	55.09 0.00 -3.50	55.56 0.00 -2.41	49.58 -0.05 -2.50	52.80 0.00 -0.93	47.27 -0.09 -1.09	48.23 -0.19 -0.04	45.66 -0.09 0.00
STATION 5_MISC_HYD 23604	33.68 -1.59 0.00	31.72 -1.32 0.00	29.98 -1.12 0.00	29.03 -1.15 0.00	30.05 -0.93 0.00	29.90 -1.02 0.00	31.18 -1.00 0.00	35.09 -0.97 0.00	36.09 -1.47 0.00	34.90 -1.46 0.00	45.70 -2.51 0.00	44.55 -2.54 -0.02	41.52 -2.07 -0.41	41.39 -2.11 -0.32	41.27 -2.33 -0.50	42.29 -2.12 -1.18	44.18 -1.71 -2.13	52.83 -2.07 -3.30	53.29 -2.13 -2.27	47.55 -1.93 -2.36	50.52 -2.23 -0.88	45.18 -2.13 -1.02	46.15 -2.27 -0.03	43.64 -2.10 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.35 -0.92 0.00	32.28 -0.76 0.00	30.47 -0.62 0.00	29.54 -0.63 0.00	30.51 -0.46 0.00	30.43 -0.49 0.00	31.69 -0.48 0.00	35.67 -0.40 0.00	36.85 -0.71 0.00	35.62 -0.73 0.00	46.96 -1.25 0.00	45.64 -1.46 -0.02	42.48 -1.12 -0.42	42.30 -1.21 -0.32	42.22 -1.38 -0.50	43.25 -1.17 -1.19	45.11 -0.79 -2.14	54.09 -0.83 -3.32	54.53 -0.90 -2.29	48.61 -0.90 -2.37	51.72 -1.04 -0.88	46.25 -1.06 -1.03	47.21 -1.21 -0.03	44.70 -1.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.57 -1.69 0.00	31.59 -1.45 0.00	29.85 -1.24 0.00	28.91 -1.27 0.00	29.92 -1.05 0.00	29.78 -1.14 0.00	31.05 -1.13 0.00	34.95 -1.12 0.00	35.98 -1.58 0.00	34.82 -1.53 0.00	45.66 -2.56 0.00	44.32 -2.78 -0.02	41.48 -2.12 -0.41	41.34 -2.16 -0.32	41.22 -2.37 -0.50	42.24 -2.16 -1.17	44.08 -1.79 -2.11	52.81 -2.06 -3.27	53.17 -2.23 -2.25	47.44 -2.03 -2.34	50.41 -2.33 -0.87	45.12 -2.18 -1.02	46.05 -2.37 -0.03	43.55 -2.20 0.00

STA_56___34_KV_BUS2 355983	33.57 -1.69 0.00	31.59 -1.45 0.00	29.85 -1.24 0.00	28.91 -1.27 0.00	29.92 -1.05 0.00	29.78 -1.14 0.00	31.05 -1.13 0.00	34.95 -1.12 0.00	35.98 -1.58 0.00	34.82 -1.53 0.00	45.66 -2.56 0.00	44.32 -2.78 -0.02	41.48 -2.12 -0.41	41.34 -2.16 -0.32	41.22 -2.37 -0.50	42.24 -2.16 -1.17	44.08 -1.79 -2.11	52.81 -2.06 -3.27	53.17 -2.23 -2.25	47.44 -2.03 -2.34	50.41 -2.33 -0.87	45.12 -2.18 -1.02	46.05 -2.37 -0.03	43.55 -2.20 0.00
STA_67___115KV_BK2 355882	33.61 -1.66 0.00	31.66 -1.39 0.00	29.91 -1.18 0.00	28.97 -1.21 0.00	29.98 -0.99 0.00	29.84 -1.08 0.00	31.11 -1.06 0.00	35.02 -1.05 0.00	36.02 -1.54 0.00	34.82 -1.53 0.00	45.61 -2.60 0.00	44.22 -2.87 -0.02	41.39 -2.20 -0.41	41.30 -2.20 -0.32	41.18 -2.41 -0.50	42.20 -2.20 -1.18	44.05 -1.84 -2.13	52.78 -2.12 -3.29	53.13 -2.29 -2.27	47.46 -2.03 -2.36	50.36 -2.39 -0.88	45.08 -2.22 -1.02	46.05 -2.37 -0.03	43.55 -2.20 0.00
STA_7___115KV_9TRANS 80674	33.82 -1.45 0.00	31.85 -1.19 0.00	30.07 -1.03 0.00	29.12 -1.06 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.31 -0.87 0.00	35.24 -0.83 0.00	36.25 -1.31 0.00	35.08 -1.27 0.00	45.95 -2.27 0.00	44.60 -2.49 -0.02	41.70 -1.90 -0.41	41.56 -1.94 -0.32	41.49 -2.11 -0.50	42.50 -1.90 -1.18	44.35 -1.53 -2.13	53.19 -1.70 -3.30	53.56 -1.86 -2.27	47.79 -1.70 -2.36	50.78 -1.97 -0.88	45.41 -1.90 -1.02	46.34 -2.08 -0.03	43.87 -1.88 0.00
STA_82___115KV_TB1 80780	33.61 -1.66 0.00	31.66 -1.39 0.00	29.91 -1.18 0.00	28.97 -1.21 0.00	30.02 -0.96 0.00	29.87 -1.05 0.00	31.14 -1.03 0.00	35.06 -1.01 0.00	36.06 -1.50 0.00	34.86 -1.49 0.00	45.66 -2.56 0.00	44.27 -2.82 -0.02	41.44 -2.16 -0.42	41.30 -2.20 -0.32	41.23 -2.37 -0.50	42.25 -2.16 -1.19	44.10 -1.79 -2.14	52.80 -2.12 -3.31	53.20 -2.23 -2.28	47.47 -2.03 -2.37	50.42 -2.33 -0.88	45.13 -2.18 -1.03	46.05 -2.37 -0.03	43.60 -2.15 0.00
STEEL___WIND 323596	33.22 -2.05 0.00	31.42 -1.62 0.00	29.79 -1.30 0.00	28.91 -1.27 0.00	30.02 -0.96 0.00	29.81 -1.11 0.00	31.11 -1.06 0.00	34.91 -1.16 0.00	35.53 -2.03 0.00	34.46 -1.89 0.00	44.40 -3.81 0.00	43.15 -3.95 -0.03	39.24 -4.49 -0.55	39.17 -4.45 -0.43	39.11 -4.66 -0.67	40.40 -4.41 -1.59	42.63 -3.98 -2.85	51.12 -4.90 -4.42	51.04 -5.15 -3.05	45.77 -4.52 -3.16	47.00 -5.14 -0.26	43.03 -4.63 -1.37	43.69 -4.74 -0.05	42.82 -2.93 0.00
STEPHTWN_115KV_BK_2 55603	36.32 1.06 0.00	34.00 0.96 0.00	31.99 0.90 0.00	31.05 0.88 0.00	31.81 0.84 0.00	31.76 0.83 0.00	33.14 0.97 0.00	37.04 0.97 0.00	38.57 1.01 0.00	37.44 1.09 0.00	50.62 2.41 0.00	49.70 2.40 -0.23	49.53 2.12 -4.24	48.55 2.07 -3.30	50.30 2.07 -5.13	57.49 2.16 -12.11	67.84 2.28 -21.81	88.01 2.63 -33.78	79.12 2.71 -23.27	73.78 2.50 -24.16	63.61 2.75 -8.99	59.18 2.41 -10.49	51.25 2.52 -0.35	48.13 2.38 0.00
STEBUBEN_REC_LFGE 323667	34.49 -0.78 0.00	32.61 -0.43 0.00	30.84 -0.25 0.00	29.97 -0.21 0.00	31.01 0.03 0.00	30.86 -0.06 0.00	32.11 -0.06 0.00	35.96 -0.11 0.00	36.92 -0.64 0.00	35.66 -0.69 0.00	46.72 -1.49 0.00	45.23 -1.88 -0.04	41.60 -2.33 -0.75	41.35 -2.42 -0.59	41.38 -2.63 -0.91	43.12 -2.25 -2.15	45.88 -1.75 -3.87	55.58 -2.01 -5.99	55.15 -2.13 -4.13	49.48 -1.93 -4.28	53.26 -2.13 -3.52	46.06 -2.08 -1.86	46.22 -2.23 -0.06	44.83 -0.91 0.00
STILLWATER___SOLAR 323814	37.06 1.80 0.00	34.69 1.65 0.00	32.68 1.58 0.00	31.72 1.54 0.00	32.49 1.52 0.00	32.41 1.48 0.00	33.72 1.54 0.00	37.80 1.73 0.00	39.33 1.77 0.00	38.10 1.74 0.00	50.96 2.75 0.00	49.99 2.68 -0.24	49.91 2.37 -4.36	48.91 2.33 -3.40	50.70 2.33 -5.28	58.15 2.46 -12.46	68.83 2.63 -22.45	89.51 3.15 -34.76	80.28 3.19 -23.94	74.86 2.88 -24.86	64.23 3.11 -9.25	59.90 2.82 -10.80	51.65 2.90 -0.36	48.58 2.84 0.00
STONY___BROOK 24151	38.23 2.96 0.00	35.59 2.54 0.00	33.36 2.27 0.00	32.44 2.26 0.00	33.27 2.29 0.00	33.12 2.20 0.00	34.81 2.64 0.00	39.20 3.14 0.00	41.05 3.49 0.00	40.02 3.38 -0.29	52.64 4.43 0.00	51.73 4.47 -0.19	50.68 4.02 -3.48	50.04 4.10 -2.76	51.28 4.01 -4.18	57.06 3.85 -9.99	65.43 3.98 -17.69	84.38 5.11 -27.67	77.01 4.99 -18.86	70.86 4.15 -19.59	64.55 5.39 -7.29	59.09 4.30 -8.51	53.12 4.45 -0.28	50.23 4.49 0.00
STURGEON_POOL_HYD 23609	36.99 1.73 0.00	34.60 1.55 0.00	32.46 1.37 0.00	31.54 1.36 0.00	32.28 1.30 0.00	32.22 1.30 0.00	33.65 1.48 0.00	37.62 1.55 0.00	39.44 1.88 0.00	38.10 1.74 0.00	50.96 2.75 0.00	50.18 2.92 -0.19	49.13 2.42 -3.53	48.39 2.46 -2.75	49.78 2.41 -4.27	55.69 2.38 -10.09	64.51 2.58 -18.17	82.93 3.20 -28.14	75.72 3.19 -19.38	70.03 2.78 -20.12	62.21 2.85 -7.49	57.61 2.59 -8.74	51.58 2.90 -0.29	48.63 2.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.75 1.48 0.00	34.36 1.32 0.00	32.27 1.18 0.00	31.36 1.18 0.00	32.12 1.15 0.00	32.07 1.14 0.00	33.49 1.32 0.00	37.51 1.44 0.00	39.21 1.65 0.00	37.91 1.56 0.00	50.91 2.70 0.00	50.07 2.82 -0.18	48.95 2.55 -3.22	48.28 2.59 -2.51	49.54 2.54 -3.90	54.93 2.51 -9.20	63.00 2.67 -16.58	80.47 3.20 -25.67	74.07 3.24 -17.68	68.31 2.83 -18.36	61.71 3.01 -6.83	56.94 2.68 -7.97	51.46 2.81 -0.27	48.40 2.65 0.00
SWANROAD_115KV_TB1 355699	32.13 -3.14 0.00	30.40 -2.64 0.00	28.85 -2.24 0.00	27.95 -2.23 0.00	29.06 -1.92 0.00	28.85 -2.07 0.00	29.99 -2.19 0.00	33.72 -2.34 0.00	34.18 -3.38 0.00	33.15 -3.20 0.00	42.67 -5.54 0.00	41.12 -5.98 -0.03	38.30 -5.40 -0.51	38.23 -5.35 -0.40	38.16 -5.56 -0.62	39.33 -5.36 -1.46	41.44 -4.94 -2.63	49.58 -6.09 -4.08	49.52 -6.43 -2.81	44.48 -5.56 -2.91	45.98 -6.28 -0.39	41.85 -5.69 -1.27	42.62 -5.81 -0.04	41.13 -4.62 0.00
SYNERGY___BIOGAS 323694	33.57 -1.69 0.00	31.66 -1.39 0.00	30.04 -1.06 0.00	29.06 -1.12 0.00	30.20 -0.77 0.00	30.03 -0.90 0.00	31.24 -0.93 0.00	35.20 -0.87 0.00	35.95 -1.61 0.00	34.79 -1.56 0.00	45.08 -3.13 0.00	43.85 -3.25 -0.03	40.59 -3.06 -0.47	40.44 -3.11 -0.37	40.31 -3.36 -0.57	41.51 -3.07 -1.36	43.62 -2.58 -2.44	52.33 -3.04 -3.78	52.51 -3.24 -2.60	46.96 -2.88 -2.70	49.08 -3.32 -0.53	44.26 -3.19 -1.17	45.09 -3.34 -0.04	43.28 -2.47 0.00
SYRACUSE___ENERGY_ST1 323597	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.76 -0.42 0.00	30.60 -0.37 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.73 -0.48 0.00	46.57 -0.52 -0.02	43.06 -0.47 -0.35	42.89 -0.56 -0.27	42.92 -0.60 -0.43	43.75 -0.48 -1.00	45.26 -0.31 -1.81	54.04 -0.36 -2.80	54.70 -0.37 -1.93	48.80 -0.33 -2.00	52.30 -0.31 -0.75	46.87 -0.28 -0.87	48.03 -0.39 -0.03	45.47 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.76 -0.42 0.00	30.60 -0.37 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.73 -0.48 0.00	46.57 -0.52 -0.02	43.06 -0.47 -0.35	42.89 -0.56 -0.27	42.92 -0.60 -0.43	43.75 -0.48 -1.00	45.26 -0.31 -1.81	54.04 -0.36 -2.80	54.70 -0.37 -1.93	48.80 -0.33 -2.00	52.30 -0.31 -0.75	46.87 -0.28 -0.87	48.03 -0.39 -0.03	45.47 -0.27 0.00

SYRACUSE___POWER 24017	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.79 -0.39 0.00	30.63 -0.34 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.78 -0.43 0.00	46.57 -0.52 -0.02	43.03 -0.52 -0.37	42.91 -0.56 -0.29	42.94 -0.60 -0.45	43.80 -0.48 -1.05	45.34 -0.31 -1.89	54.17 -0.36 -2.93	54.80 -0.37 -2.02	48.90 -0.33 -2.10	52.34 -0.31 -0.78	46.87 -0.32 -0.91	48.03 -0.39 -0.03	45.47 -0.27 0.00
TALLMAN___138KV_BK151 55660	36.92 1.66 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.25 1.27 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.72 1.66 0.00	39.48 1.92 0.00	38.13 1.78 0.00	51.30 3.09 0.00	50.50 3.25 -0.18	49.48 2.98 -3.32	48.78 2.98 -2.61	50.03 2.93 -4.01	55.64 2.90 -9.52	63.77 3.02 -17.00	81.68 3.61 -26.47	74.94 3.67 -18.13	69.15 3.20 -18.82	62.30 3.42 -7.00	57.51 3.05 -8.17	51.85 3.19 -0.27	48.72 2.97 0.00
TEALLAVE_115KV_TB7 355573	34.56 -0.71 0.00	32.42 -0.63 0.00	30.53 -0.56 0.00	29.64 -0.54 0.00	30.48 -0.50 0.00	30.43 -0.49 0.00	31.66 -0.51 0.00	35.52 -0.54 0.00	36.96 -0.60 0.00	35.73 -0.62 0.00	47.49 -0.72 0.00	46.29 -0.80 -0.02	42.75 -0.73 -0.31	42.69 -0.73 -0.24	42.65 -0.82 -0.37	43.41 -0.69 -0.88	44.81 -0.53 -1.58	53.42 -0.62 -2.44	54.19 -0.64 -1.68	48.26 -0.61 -1.75	51.90 -0.62 -0.65	46.48 -0.56 -0.76	47.78 -0.63 -0.03	45.20 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	33.01 -2.26 0.00	31.23 -1.82 0.00	29.57 -1.52 0.00	28.64 -1.54 0.00	29.80 -1.18 0.00	29.56 -1.36 0.00	30.79 -1.38 0.00	34.66 -1.41 0.00	35.27 -2.29 0.00	34.17 -2.18 0.00	44.16 -4.05 0.00	42.63 -4.47 -0.03	39.65 -4.02 -0.49	39.55 -4.02 -0.38	39.46 -4.22 -0.59	40.64 -3.98 -1.40	42.73 -3.54 -2.51	51.26 -4.23 -3.89	51.31 -4.52 -2.68	45.91 -4.01 -2.78	47.82 -4.51 -0.47	43.32 -4.17 -1.21	44.12 -4.31 -0.04	42.45 -3.29 0.00
TEMPLE___115KV_TB 2 55572	34.56 -0.71 0.00	32.42 -0.63 0.00	30.56 -0.53 0.00	29.64 -0.54 0.00	30.48 -0.50 0.00	30.46 -0.46 0.00	31.69 -0.48 0.00	35.56 -0.50 0.00	36.96 -0.60 0.00	35.77 -0.58 0.00	47.54 -0.67 0.00	46.34 -0.75 -0.02	42.80 -0.69 -0.31	42.69 -0.73 -0.24	42.70 -0.78 -0.38	43.42 -0.69 -0.89	44.88 -0.48 -1.60	53.46 -0.62 -2.48	54.27 -0.58 -1.71	48.34 -0.57 -1.77	51.96 -0.57 -0.66	46.54 -0.51 -0.77	47.83 -0.58 -0.03	45.24 -0.50 0.00
TIANA___69_KV_BK 1 55817	38.72 3.46 0.00	35.98 2.94 0.00	33.77 2.67 0.00	32.83 2.66 0.00	33.70 2.73 0.00	33.52 2.60 0.00	35.17 2.99 0.00	39.46 3.39 0.00	41.50 3.94 0.00	40.53 3.89 -0.29	53.23 5.01 0.00	52.30 5.04 -0.19	51.19 4.53 -3.48	50.56 4.62 -2.76	51.76 4.48 -4.18	57.62 4.41 -9.99	65.78 4.33 -17.69	84.90 5.62 -27.67	77.54 5.53 -18.86	71.29 4.57 -19.59	65.44 6.28 -7.29	59.55 4.77 -8.51	53.70 5.03 -0.28	50.92 5.17 0.00
TILDEN___115KV_TB1 80814	34.74 -0.53 0.00	32.58 -0.46 0.00	30.69 -0.40 0.00	29.79 -0.39 0.00	30.63 -0.34 0.00	30.58 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.36 0.00	37.15 -0.41 0.00	35.91 -0.44 0.00	47.78 -0.43 0.00	46.57 -0.52 -0.02	43.03 -0.52 -0.37	42.91 -0.56 -0.29	42.94 -0.60 -0.45	43.80 -0.48 -1.05	45.34 -0.31 -1.89	54.17 -0.36 -2.93	54.80 -0.37 -2.02	48.90 -0.33 -2.10	52.34 -0.31 -0.78	46.87 -0.32 -0.91	48.03 -0.39 -0.03	45.47 -0.27 0.00
TRIGEN___CC 323695	37.59 2.33 0.00	35.03 1.98 0.00	32.87 1.77 0.00	31.96 1.78 0.00	32.74 1.77 0.00	32.66 1.73 0.00	34.17 1.99 0.00	38.37 2.31 0.00	40.26 2.70 0.00	39.33 2.69 -0.29	51.97 3.76 0.00	51.17 3.91 -0.19	50.24 3.58 -3.48	49.61 3.67 -2.76	50.77 3.49 -4.18	56.63 3.41 -9.99	64.99 3.54 -17.69	83.71 4.44 -27.67	76.37 4.36 -18.86	70.39 3.68 -19.59	63.52 4.36 -7.29	58.53 3.75 -8.51	52.59 3.92 -0.28	49.54 3.80 0.00
TRINITY___115KV___ 4 BK 55933	35.97 0.71 0.00	33.67 0.63 0.00	31.68 0.59 0.00	30.78 0.60 0.00	31.53 0.56 0.00	31.48 0.56 0.00	32.82 0.64 0.00	36.64 0.58 0.00	38.20 0.64 0.00	37.04 0.69 0.00	50.14 1.93 0.00	49.23 1.93 -0.23	49.15 1.73 -4.24	48.22 1.73 -3.31	49.92 1.68 -5.14	57.09 1.73 -12.14	67.41 1.79 -21.86	87.46 2.01 -33.85	78.59 2.13 -23.32	73.27 1.93 -24.21	63.01 2.13 -9.01	58.69 1.90 -10.51	50.72 1.98 -0.35	47.62 1.88 0.00
UNION___PROCESSING_DRP 323587	33.64 -1.62 0.00	31.69 -1.35 0.00	29.94 -1.15 0.00	29.00 -1.18 0.00	30.02 -0.96 0.00	29.87 -1.05 0.00	31.14 -1.03 0.00	35.06 -1.01 0.00	36.06 -1.50 0.00	34.86 -1.49 0.00	45.66 -2.56 0.00	44.27 -2.82 -0.02	41.44 -2.16 -0.42	41.35 -2.16 -0.32	41.23 -2.37 -0.50	42.25 -2.16 -1.19	44.15 -1.75 -2.14	52.85 -2.06 -3.32	53.20 -2.23 -2.28	47.52 -1.98 -2.37	50.42 -2.33 -0.88	45.14 -2.18 -1.03	46.10 -2.32 -0.03	43.60 -2.15 0.00
UPPER HUDSON___HYD 24058	37.31 2.04 0.00	34.86 1.82 0.00	32.96 1.87 0.00	31.96 1.78 0.00	32.77 1.80 0.00	32.62 1.70 0.00	33.81 1.64 0.00	37.94 1.87 0.00	39.44 1.88 0.00	38.13 1.78 0.00	50.96 2.75 0.00	49.94 2.63 -0.24	49.85 2.29 -4.38	48.84 2.24 -3.41	50.69 2.28 -5.31	58.21 2.46 -12.52	68.98 2.67 -22.55	89.83 3.31 -34.93	80.45 3.24 -24.06	75.03 2.92 -24.98	64.33 3.16 -9.30	60.23 3.10 -10.85	51.89 3.14 -0.36	49.00 3.25 0.00
UPPER RAQUET___HYD 24056	34.63 -0.63 0.00	32.32 -0.73 0.00	30.38 -0.71 0.00	29.39 -0.78 0.00	30.17 -0.81 0.00	30.03 -0.90 0.00	31.14 -1.03 0.00	34.73 -1.33 0.00	36.28 -1.28 0.00	35.15 -1.20 0.00	46.19 -2.02 0.00	45.24 -1.84 0.00	41.58 -1.60 0.00	41.54 -1.64 0.00	41.46 -1.64 0.00	41.28 -1.94 0.00	41.70 -2.06 0.00	49.38 -2.22 0.00	50.86 -2.28 0.00	45.15 -1.98 0.00	49.59 -2.28 0.00	44.11 -2.17 0.00	46.31 -2.08 0.00	43.60 -2.15 0.00
VALLEY44_115KV_TB2 355964	33.93 -1.34 0.00	32.08 -0.96 0.00	30.41 -0.68 0.00	29.51 -0.66 0.00	30.63 -0.34 0.00	30.43 -0.49 0.00	31.82 -0.35 0.00	35.52 -0.54 0.00	36.32 -1.24 0.00	35.26 -1.09 0.00	45.61 -2.60 0.00	44.09 -3.01 -0.03	38.92 -4.88 -0.61	38.82 -4.84 -0.48	38.80 -5.04 -0.74	40.18 -4.80 -1.75	42.41 -4.51 -3.16	51.07 -5.42 -4.89	50.72 -5.79 -3.37	45.54 -5.09 -3.50	47.11 -5.65 -0.89	42.75 -5.04 -1.52	43.21 -5.23 -0.05	43.92 -1.83 0.00
VALLEY___115KV_TB 1-4 80826	35.37 0.11 0.00	33.18 0.13 0.00	31.22 0.12 0.00	30.21 0.03 0.00	30.98 0.00 0.00	30.83 -0.09 0.00	32.11 -0.06 0.00	36.07 0.00 0.00	37.71 0.15 0.00	36.50 0.15 0.00	48.64 0.43 0.00	47.59 0.52 0.00	43.53 0.35 0.00	43.44 0.26 0.00	43.27 0.17 0.00	43.48 0.26 0.00	43.98 0.22 0.00	51.80 0.21 0.00	53.41 0.27 0.00	47.36 0.24 0.00	52.08 0.21 0.00	46.47 0.19 0.00	48.58 0.19 0.00	45.93 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.17 1.90 0.00	34.89 1.85 0.00	32.87 1.77 0.00	31.87 1.69 0.00	32.80 1.83 0.00	32.72 1.79 0.00	34.10 1.93 0.00	38.23 2.16 0.00	39.89 2.33 0.00	38.53 2.18 0.00	51.49 3.28 0.00	50.40 3.25 -0.08	47.50 2.81 -1.51	47.16 2.81 -1.17	47.64 2.72 -1.83	50.39 2.85 -4.31	54.54 3.02 -7.77	67.13 3.51 -12.03	65.10 3.67 -8.28	59.08 3.35 -8.60	58.60 3.53 -3.20	53.07 3.05 -3.73	51.61 3.10 -0.12	48.86 3.11 0.00

VISCHER___FERRY HYD 24020	36.64 1.37 0.00	34.30 1.26 0.00	32.27 1.18 0.00	31.35 1.18 0.00	32.12 1.15 0.00	32.07 1.14 0.00	33.43 1.25 0.00	37.44 1.37 0.00	38.95 1.39 0.00	37.73 1.38 0.00	50.57 2.36 0.00	49.71 2.40 -0.23	49.59 2.12 -4.30	48.64 2.12 -3.35	50.41 2.11 -5.21	57.67 2.16 -12.29	68.16 2.27 -22.13	88.55 2.68 -34.27	79.46 2.71 -23.61	74.09 2.45 -24.51	63.64 2.64 -9.12	59.33 2.41 -10.64	51.21 2.47 -0.35	48.12 2.38 0.00
V_A_10_SYNC_DSASP 323832	32.62 -2.65 0.00	30.83 -2.21 0.00	29.17 -1.93 0.00	28.28 -1.90 0.00	29.33 -1.64 0.00	29.16 -1.76 0.00	30.44 -1.74 0.00	34.23 -1.84 0.00	34.93 -2.63 0.00	33.84 -2.51 0.00	43.82 -4.39 0.00	42.62 -4.47 -0.03	39.84 -3.80 -0.46	39.74 -3.80 -0.36	39.65 -4.01 -0.56	40.78 -3.76 -1.32	42.76 -3.37 -2.37	51.04 -4.23 -3.67	51.27 -4.41 -2.53	45.94 -3.82 -2.63	47.98 -4.41 -0.52	43.44 -3.98 -1.14	44.31 -4.11 -0.04	42.04 -3.70 0.00
V_CMM_10_SYNC_DSASP 323787	35.23 -0.04 0.00	32.94 -0.10 0.00	30.97 -0.12 0.00	30.00 -0.18 0.00	30.79 -0.18 0.00	30.74 -0.18 0.00	31.92 -0.26 0.00	35.74 -0.33 0.00	37.26 -0.30 0.00	36.10 -0.25 0.00	47.39 -0.82 0.00	46.32 -0.75 0.00	42.54 -0.65 0.00	42.54 -0.65 0.00	42.53 -0.56 0.00	42.40 -0.82 0.00	42.79 -0.96 0.00	50.57 -1.03 0.00	52.08 -1.06 0.00	46.23 -0.90 0.00	50.83 -1.04 0.00	45.31 -0.97 0.00	47.42 -0.97 0.00	44.74 -1.01 0.00
V_CMP_10_SYNC_DSASP 323788	35.23 -0.04 0.00	32.55 -0.49 0.00	30.35 -0.75 0.00	29.33 -0.84 0.00	30.05 -0.93 0.00	30.15 -0.77 0.00	30.85 -1.32 0.00	34.73 -1.33 0.00	36.58 -0.98 0.00	35.70 -0.65 0.00	47.15 -1.06 0.00	46.74 -0.33 0.00	42.62 -0.56 0.00	42.32 -0.86 0.00	41.93 -1.16 0.00	41.28 -1.94 0.00	41.66 -2.10 0.00	49.43 -2.17 0.00	50.81 -2.34 0.00	45.15 -1.98 0.00	49.54 -2.33 0.00	43.92 -2.36 0.00	46.31 -2.08 0.00	43.83 -1.92 0.00
V_D_10_SYNC_DSASP 323841	35.41 0.14 0.00	33.11 0.07 0.00	31.12 0.03 0.00	30.18 0.00 0.00	30.94 -0.03 0.00	30.89 -0.03 0.00	32.05 -0.13 0.00	35.78 -0.29 0.00	37.30 -0.26 0.00	36.13 -0.22 0.00	47.44 -0.77 0.00	46.41 -0.66 0.00	42.67 -0.52 0.00	42.62 -0.56 0.00	42.58 -0.52 0.00	42.45 -0.78 0.00	42.84 -0.92 0.00	50.72 -0.88 0.00	52.24 -0.90 0.00	46.33 -0.80 0.00	50.94 -0.93 0.00	45.40 -0.88 0.00	47.52 -0.87 0.00	44.83 -0.91 0.00
V_E_10_SYNC_DSASP 323830	37.31 2.04 0.00	35.03 1.98 0.00	33.02 1.93 0.00	32.05 1.87 0.00	33.24 2.26 0.00	33.37 2.44 0.00	34.97 2.80 0.00	39.31 3.25 0.00	40.87 3.31 0.00	39.22 2.87 0.00	52.07 3.86 0.00	50.80 3.67 -0.06	47.15 2.89 -1.08	46.70 2.68 -0.84	47.03 2.63 -1.31	49.37 3.07 -3.08	52.98 3.68 -5.55	64.63 4.44 -8.59	63.64 4.57 -5.92	57.42 4.15 -6.14	58.61 4.30 -2.44	52.37 3.42 -2.67	51.81 3.34 -0.09	49.27 3.52 0.00
V_F_30_NSYNC___DSASP 323816	37.10 1.83 0.00	34.69 1.65 0.00	32.71 1.62 0.00	31.72 1.54 0.00	32.52 1.55 0.00	32.41 1.48 0.00	33.75 1.58 0.00	37.83 1.77 0.00	39.36 1.80 0.00	38.13 1.78 0.00	50.96 2.75 0.00	49.99 2.68 -0.24	49.97 2.42 -4.37	48.96 2.37 -3.40	50.76 2.37 -5.29	58.22 2.51 -12.49	68.92 2.67 -22.50	89.64 3.20 -34.84	80.38 3.24 -23.99	74.96 2.92 -24.91	64.31 3.16 -9.27	59.97 2.87 -10.82	51.70 2.95 -0.36	48.63 2.88 0.00
V_F_30_SYNC_DSASP 323786	36.04 0.78 0.00	33.74 0.69 0.00	31.75 0.65 0.00	30.84 0.66 0.00	31.60 0.62 0.00	31.51 0.59 0.00	32.88 0.71 0.00	36.75 0.69 0.00	38.27 0.71 0.00	37.11 0.76 0.00	50.24 2.02 0.00	49.38 2.07 -0.23	49.27 1.81 -4.28	48.33 1.81 -3.33	50.09 1.81 -5.18	57.31 1.86 -12.23	67.71 1.93 -22.02	87.87 2.17 -34.11	78.92 2.29 -23.49	73.59 2.07 -24.39	63.23 2.28 -9.08	58.91 2.04 -10.59	50.87 2.13 -0.35	47.76 2.01 0.00
V_XM_10_SYNC_DSASP 323789	35.23 -0.04 0.00	32.55 -0.49 0.00	30.35 -0.75 0.00	29.33 -0.84 0.00	30.05 -0.93 0.00	30.15 -0.77 0.00	30.85 -1.32 0.00	34.73 -1.33 0.00	36.58 -0.98 0.00	35.70 -0.65 0.00	47.15 -1.06 0.00	46.74 -0.33 0.00	42.62 -0.56 0.00	42.32 -0.86 0.00	41.93 -1.16 0.00	41.28 -1.94 0.00	41.66 -2.10 0.00	49.43 -2.17 0.00	50.81 -2.34 0.00	45.15 -1.98 0.00	49.54 -2.33 0.00	43.92 -2.36 0.00	46.31 -2.08 0.00	43.83 -1.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.03 1.76 0.00	34.60 1.55 0.00	32.49 1.40 0.00	31.60 1.42 0.00	32.31 1.33 0.00	32.28 1.36 0.00	33.75 1.58 0.00	37.80 1.73 0.00	39.55 1.99 0.00	38.21 1.85 0.00	51.39 3.18 0.00	50.60 3.34 -0.18	49.59 3.07 -3.34	48.88 3.07 -2.63	50.14 3.02 -4.03	55.79 2.98 -9.58	64.00 3.15 -17.09	81.98 3.77 -26.62	75.15 3.77 -18.22	69.35 3.30 -18.92	62.44 3.53 -7.04	57.69 3.19 -8.22	51.95 3.29 -0.27	48.86 3.11 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.21 1.94 0.00	34.76 1.72 0.00	32.62 1.52 0.00	31.75 1.57 0.00	32.46 1.49 0.00	32.47 1.55 0.00	33.98 1.80 0.00	38.09 2.02 0.00	39.89 2.33 0.00	38.60 2.25 0.00	51.97 3.76 0.00	51.27 4.00 -0.20	51.01 3.71 -4.12	50.88 3.71 -3.98	51.21 3.66 -4.45	59.37 3.63 -12.52	65.27 3.76 -17.75	87.98 4.49 -31.90	76.49 4.46 -18.88	70.64 3.91 -19.60	63.31 4.15 -7.29	58.54 3.75 -8.51	52.54 3.87 -0.28	49.32 3.57 0.00
W50THST__13_KV_LOAD 356117	37.35 2.08 0.00	34.86 1.82 0.00	32.74 1.65 0.00	31.87 1.69 0.00	32.59 1.61 0.00	32.56 1.64 0.00	34.10 1.93 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.75 2.40 0.00	52.16 3.95 0.00	51.46 4.19 -0.20	51.23 3.93 -4.12	51.13 3.97 -3.98	51.42 3.88 -4.45	59.63 3.89 -12.52	65.53 4.03 -17.75	88.29 4.80 -31.90	76.70 4.68 -18.88	70.88 4.15 -19.60	63.52 4.36 -7.29	58.73 3.93 -8.51	52.73 4.06 -0.28	49.50 3.75 0.00
WADING RIVER_IC_1 23522	38.44 3.18 0.00	35.75 2.71 0.00	33.55 2.46 0.00	32.62 2.44 0.00	33.45 2.48 0.00	33.30 2.38 0.00	35.01 2.83 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	51.97 4.71 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.28 4.06 -9.99	65.34 3.89 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.77 4.05 -19.59	64.97 5.81 -7.29	59.13 4.35 -8.51	53.31 4.65 -0.28	50.55 4.80 0.00
WADING RIVER_IC_2 23547	38.44 3.18 0.00	35.75 2.71 0.00	33.55 2.46 0.00	32.62 2.44 0.00	33.45 2.48 0.00	33.30 2.38 0.00	35.01 2.83 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	51.97 4.71 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.28 4.06 -9.99	65.34 3.89 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.77 4.05 -19.59	64.97 5.81 -7.29	59.13 4.35 -8.51	53.31 4.65 -0.28	50.55 4.80 0.00
WADING RIVER_IC_3 23601	38.44 3.18 0.00	35.75 2.71 0.00	33.55 2.46 0.00	32.62 2.44 0.00	33.45 2.48 0.00	33.30 2.38 0.00	35.01 2.83 0.00	39.42 3.35 0.00	41.28 3.72 0.00	40.24 3.60 -0.29	52.94 4.73 0.00	51.97 4.71 -0.19	50.89 4.23 -3.48	50.26 4.32 -2.76	51.50 4.23 -4.18	57.28 4.06 -9.99	65.34 3.89 -17.69	84.33 5.06 -27.67	76.96 4.94 -18.86	70.77 4.05 -19.59	64.97 5.81 -7.29	59.13 4.35 -8.51	53.31 4.65 -0.28	50.55 4.80 0.00

WALDENNY_12_KV_BK2 80841	33.15 -2.12 0.00	31.39 -1.65 0.00	29.76 -1.34 0.00	28.85 -1.33 0.00	29.98 -0.99 0.00	29.78 -1.14 0.00	31.05 -1.13 0.00	34.84 -1.23 0.00	35.46 -2.10 0.00	34.42 -1.93 0.00	44.35 -3.86 0.00	42.82 -4.28 -0.03	39.28 -4.45 -0.55	39.16 -4.45 -0.43	39.11 -4.65 -0.67	40.43 -4.37 -1.57	42.61 -3.98 -2.83	51.13 -4.85 -4.38	51.01 -5.16 -3.02	45.79 -4.48 -3.14	47.07 -5.08 -0.28	43.06 -4.58 -1.36	43.69 -4.74 -0.05	42.73 -3.02 0.00
WALDEN___HYDRO 24148	36.99 1.73 0.00	34.56 1.52 0.00	32.46 1.37 0.00	31.54 1.36 0.00	32.28 1.30 0.00	32.22 1.30 0.00	33.65 1.48 0.00	37.65 1.59 0.00	39.40 1.84 0.00	38.06 1.71 0.00	51.06 2.84 0.00	50.22 2.97 -0.18	49.15 2.63 -3.34	48.41 2.63 -2.60	49.72 2.59 -4.04	55.36 2.59 -9.54	63.74 2.80 -17.18	81.66 3.46 -26.61	74.98 3.51 -18.33	69.22 3.06 -19.03	62.17 3.22 -7.08	57.41 2.87 -8.26	51.71 3.05 -0.27	48.68 2.93 0.00
WARRENSBURG___ 23737	37.31 2.04 0.00	34.86 1.82 0.00	32.96 1.87 0.00	31.96 1.78 0.00	32.77 1.80 0.00	32.62 1.70 0.00	33.81 1.64 0.00	37.94 1.87 0.00	39.44 1.88 0.00	38.13 1.78 0.00	50.96 2.75 0.00	49.94 2.63 -0.24	49.85 2.29 -4.38	48.84 2.24 -3.41	50.69 2.28 -5.31	58.21 2.46 -12.52	68.98 2.67 -22.55	89.83 3.31 -34.93	80.45 3.24 -24.06	75.03 2.92 -24.98	64.33 3.16 -9.30	60.23 3.10 -10.85	51.89 3.14 -0.36	49.00 3.25 0.00
WATERSIDE___6 8 9 23538	37.42 2.15 -0.01	34.93 1.88 -0.01	32.81 1.71 -0.01	31.94 1.75 -0.01	32.66 1.67 -0.01	32.62 1.70 0.00	34.14 1.96 0.00	38.16 2.09 0.00	39.93 2.37 0.00	38.71 2.36 0.00	52.12 3.91 0.00	51.46 4.19 -0.20	51.52 3.80 -4.53	51.75 3.80 -4.77	51.47 3.75 -4.62	61.14 3.76 -14.15	65.48 3.94 -17.78	90.92 4.70 -34.63	76.76 4.73 -18.89	70.89 4.15 -19.61	63.52 4.36 -7.29	58.82 4.03 -8.52	52.84 4.16 -0.29	49.60 3.84 -0.01
WATKINRD_115KV_LN8_ILLION 55919	35.55 0.28 0.00	33.34 0.30 0.00	31.37 0.28 0.00	30.42 0.24 0.00	31.19 0.22 0.00	31.11 0.19 0.00	32.37 0.19 0.00	36.32 0.25 0.00	37.90 0.34 0.00	36.68 0.33 0.00	48.84 0.63 0.00	47.73 0.66 0.00	43.74 0.56 0.00	43.70 0.52 0.00	43.57 0.47 0.00	43.74 0.52 0.00	44.33 0.57 0.00	52.22 0.62 0.00	53.79 0.64 0.00	47.74 0.61 0.00	52.49 0.62 0.00	46.84 0.56 0.00	48.97 0.58 0.00	46.30 0.55 0.00
WATSON___69_KV_BK 1 55734	38.47 3.21 0.00	35.79 2.74 0.00	33.55 2.46 0.00	32.65 2.47 0.00	33.48 2.51 0.00	33.34 2.41 0.00	34.94 2.77 0.00	39.20 3.14 0.00	41.24 3.68 0.00	40.28 3.64 -0.29	52.94 4.72 0.00	52.01 4.75 -0.19	50.98 4.32 -3.48	50.34 4.40 -2.76	51.54 4.27 -4.18	57.36 4.15 -9.99	65.82 4.38 -17.69	84.85 5.57 -27.67	77.43 5.42 -18.86	71.24 4.52 -19.59	64.97 5.81 -7.29	59.46 4.67 -8.51	53.51 4.84 -0.28	50.60 4.85 0.00
WDELAWARE___HYD 323627	37.35 2.08 0.00	34.89 1.85 0.00	32.77 1.68 0.00	31.81 1.63 0.00	32.59 1.61 0.00	32.53 1.61 0.00	33.94 1.77 0.00	37.98 1.91 0.00	39.66 2.10 0.00	38.31 1.96 0.00	51.20 2.99 0.00	50.35 3.11 -0.17	49.00 2.72 -3.10	48.32 2.72 -2.41	49.57 2.72 -3.76	54.81 2.72 -8.86	62.73 3.02 -15.96	80.08 3.76 -24.72	74.00 3.83 -17.02	68.15 3.35 -17.67	61.92 3.48 -6.58	57.06 3.10 -7.68	51.93 3.29 -0.26	49.00 3.25 0.00
WEST BABYLON___IC 23714	38.26 3.00 0.00	35.62 2.58 0.00	33.39 2.30 0.00	32.47 2.29 0.00	33.30 2.32 0.00	33.15 2.23 0.00	34.75 2.57 0.00	39.02 2.96 0.00	41.02 3.46 0.00	40.06 3.42 -0.29	52.69 4.48 0.00	51.83 4.57 -0.19	50.80 4.15 -3.48	50.17 4.23 -2.76	51.33 4.05 -4.18	57.19 3.98 -9.99	65.60 4.16 -17.69	84.54 5.26 -27.67	77.22 5.21 -18.86	71.05 4.34 -19.59	64.61 5.45 -7.29	59.28 4.49 -8.51	53.31 4.64 -0.28	50.37 4.62 0.00
WEST CANADA___HYD 24049	35.44 0.18 0.00	33.21 0.17 0.00	31.25 0.16 0.00	30.36 0.18 0.00	31.13 0.16 0.00	31.08 0.16 0.00	32.34 0.16 0.00	36.25 0.18 0.00	37.75 0.19 0.00	36.53 0.18 0.00	48.64 0.43 0.00	47.49 0.42 0.00	43.57 0.39 0.00	43.57 0.39 0.00	43.48 0.39 0.00	43.66 0.43 0.00	44.19 0.44 0.00	52.11 0.52 0.00	53.68 0.53 0.00	47.60 0.47 0.00	52.39 0.52 0.00	46.74 0.46 0.00	48.87 0.48 0.00	46.20 0.46 0.00
WESTERN_NY_WIND 24143	33.50 -1.76 0.00	31.66 -1.39 0.00	29.97 -1.12 0.00	29.03 -1.15 0.00	30.17 -0.81 0.00	29.96 -0.96 0.00	31.21 -0.97 0.00	35.16 -0.90 0.00	35.87 -1.69 0.00	34.72 -1.64 0.00	44.98 -3.23 0.00	43.43 -3.67 -0.03	40.47 -3.20 -0.48	40.36 -3.20 -0.37	40.23 -3.45 -0.58	41.40 -3.20 -1.37	43.56 -2.67 -2.47	52.28 -3.15 -3.82	52.43 -3.35 -2.63	46.85 -3.02 -2.74	48.95 -3.42 -0.50	44.18 -3.29 -1.19	44.99 -3.44 -0.04	43.19 -2.56 0.00
WESTOVER___LESR 323668	35.23 -0.04 0.00	33.11 0.07 0.00	31.19 0.09 0.00	30.27 0.09 0.00	31.16 0.19 0.00	31.11 0.19 0.00	32.43 0.26 0.00	36.32 0.25 0.00	37.67 0.11 0.00	36.46 0.11 0.00	48.31 0.10 0.00	47.09 -0.05 -0.06	43.95 -0.35 -1.11	43.70 -0.35 -0.87	43.97 -0.47 -1.35	46.10 -0.30 -3.18	49.40 -0.09 -5.73	60.32 -0.15 -8.88	59.10 -0.16 -6.11	53.29 -0.19 -6.35	54.08 -0.16 -2.36	48.85 -0.19 -2.76	48.23 -0.24 -0.09	46.02 0.27 0.00
WETHRSFD_WT_PWR 323626	33.18 -2.08 0.00	31.39 -1.65 0.00	29.76 -1.34 0.00	28.91 -1.27 0.00	29.92 -1.05 0.00	29.78 -1.14 0.00	31.02 -1.16 0.00	34.80 -1.26 0.00	35.53 -2.03 0.00	34.39 -1.96 0.00	44.64 -3.57 0.00	43.43 -3.67 -0.03	39.80 -4.01 -0.63	39.66 -4.01 -0.49	39.64 -4.22 -0.77	41.10 -3.93 -1.81	43.47 -3.54 -3.26	52.26 -4.39 -5.05	52.05 -4.57 -3.48	46.68 -4.05 -3.61	45.64 -4.56 1.67	43.68 -4.17 -1.57	44.13 -4.31 -0.05	42.91 -2.84 0.00
WHAVSTOR_138KV_BK127 55557	36.92 1.66 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.21 1.24 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.72 1.66 0.00	39.44 1.88 0.00	38.10 1.74 0.00	51.30 3.09 0.00	50.50 3.25 -0.18	49.51 2.98 -3.35	48.80 2.98 -2.63	50.06 2.93 -4.03	55.71 2.90 -9.59	63.88 3.02 -17.11	81.86 3.61 -26.65	75.06 3.67 -18.24	69.28 3.20 -18.94	62.34 3.42 -7.05	57.56 3.05 -8.23	51.85 3.19 -0.27	48.72 2.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.92 1.66 0.00	34.50 1.45 0.00	32.40 1.31 0.00	31.51 1.33 0.00	32.21 1.24 0.00	32.19 1.27 0.00	33.69 1.51 0.00	37.72 1.66 0.00	39.44 1.88 0.00	38.10 1.74 0.00	51.30 3.09 0.00	50.50 3.25 -0.18	49.51 2.98 -3.35	48.80 2.98 -2.63	50.06 2.93 -4.03	55.71 2.90 -9.59	63.88 3.02 -17.11	81.86 3.61 -26.65	75.06 3.67 -18.24	69.28 3.20 -18.94	62.34 3.42 -7.05	57.56 3.05 -8.23	51.85 3.19 -0.27	48.72 2.97 0.00
WHITEHAL_115KV_TB1 80871	38.09 2.82 0.00	35.55 2.51 0.00	33.58 2.49 0.00	32.53 2.35 0.00	33.39 2.42 0.00	33.21 2.29 0.00	34.52 2.35 0.00	38.73 2.67 0.00	40.23 2.67 0.00	39.00 2.65 0.00	52.07 3.86 0.00	50.93 3.62 -0.24	50.75 3.20 -4.37	49.70 3.11 -3.41	51.59 3.19 -5.30	59.15 3.41 -12.51	69.96 3.68 -22.53	91.08 4.59 -34.89	81.70 4.52 -24.03	76.18 4.10 -24.95	65.57 4.41 -9.29	61.23 4.12 -10.83	52.91 4.16 -0.36	49.91 4.16 0.00

WHITEPLN_13_KV_LOAD 356215	37.35 2.08 0.00	34.89 1.85 0.00	32.74 1.65 0.00	31.84 1.66 0.00	32.56 1.58 0.00	32.53 1.61 0.00	34.10 1.93 0.00	38.27 2.20 0.00	40.08 2.52 0.00	38.75 2.40 0.00	52.07 3.86 0.00	51.31 4.05 -0.19	50.36 3.71 -3.46	49.64 3.71 -2.74	50.93 3.66 -4.17	56.84 3.67 -9.94	65.25 3.85 -17.64	83.81 4.64 -27.57	76.64 4.68 -18.81	70.76 4.10 -19.53	63.45 4.31 -7.27	58.60 3.84 -8.48	52.63 3.97 -0.28	49.45 3.71 0.00
WM_FLOYD_69_KV_BK2 356380	38.40 3.14 0.00	35.72 2.68 0.00	33.52 2.43 0.00	32.59 2.41 0.00	33.42 2.45 0.00	33.27 2.35 0.00	34.91 2.73 0.00	39.13 3.07 0.00	41.17 3.61 0.00	40.17 3.53 -0.29	52.79 4.58 0.00	51.87 4.61 -0.19	50.85 4.19 -3.48	50.21 4.27 -2.76	51.37 4.09 -4.18	57.23 4.02 -9.99	65.47 4.03 -17.69	84.48 5.21 -27.67	77.11 5.10 -18.86	70.91 4.19 -19.59	64.92 5.76 -7.29	59.23 4.44 -8.51	53.31 4.64 -0.28	50.50 4.76 0.00
WOODARD__115KV_TB2 355635	34.45 -0.81 0.00	32.35 -0.69 0.00	30.47 -0.62 0.00	29.54 -0.63 0.00	30.39 -0.59 0.00	30.37 -0.56 0.00	31.59 -0.58 0.00	35.42 -0.65 0.00	36.85 -0.71 0.00	35.66 -0.69 0.00	47.34 -0.87 0.00	46.19 -0.89 -0.02	42.67 -0.82 -0.31	42.56 -0.86 -0.24	42.57 -0.91 -0.37	43.33 -0.78 -0.88	44.73 -0.61 -1.59	53.28 -0.77 -2.46	54.05 -0.80 -1.69	48.18 -0.71 -1.76	51.80 -0.73 -0.65	46.40 -0.65 -0.76	47.68 -0.73 -0.03	45.11 -0.64 0.00
YORK___WARBASSE 23770	37.60 2.33 -0.01	35.13 2.08 -0.01	32.97 1.87 -0.01	32.09 1.90 -0.01	32.78 1.80 -0.01	32.75 1.82 0.00	34.27 2.09 0.00	38.23 2.16 0.00	40.04 2.48 0.00	38.82 2.47 0.00	52.21 4.00 0.00	51.56 4.28 -0.20	51.56 3.84 -4.53	51.84 3.89 -4.77	51.51 3.79 -4.62	61.22 3.85 -14.15	65.61 4.07 -17.78	91.18 4.95 -34.63	77.08 5.05 -18.89	71.17 4.43 -19.61	63.73 4.56 -7.29	59.05 4.26 -8.52	53.13 4.45 -0.29	49.87 4.12 -0.01