

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data																									01/02/2025			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	37.04	36.35	33.39	31.66	34.37	37.80	41.80	49.90	49.49	47.23	46.64	45.46	44.17	45.71	46.43	51.36	61.43	70.29	65.50	58.25	55.74	50.95	46.56	43.79			
		2.13	2.02	1.86	1.82	1.95	2.17	2.71	3.16	3.24	3.33	3.47	3.44	3.40	3.56	3.54	3.68	4.46	5.18	4.90	4.24	4.02	3.62	3.29	2.75			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-5.13	-4.69	-2.78	-1.30	-1.10	-0.70	-0.77	-1.79	-4.37	-7.43	-10.01	-5.57	-4.78	-2.67	-1.48	0.00	0.00			
74TH STREET_GT_1	24260	37.15	36.42	33.45	31.72	34.47	37.87	41.88	49.92	49.49	47.27	46.64	45.50	44.17	45.71	46.39	51.41	61.44	70.38	65.63	58.48	55.94	51.07	46.60	43.88			
		2.23	2.09	1.92	1.88	2.04	2.24	2.75	3.20	3.24	3.37	3.47	3.48	3.41	3.56	3.49	3.72	4.46	5.07	4.95	4.23	4.12	3.67	3.33	2.83			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.98	-5.11	-4.69	-2.78	-1.30	-1.10	-0.70	-0.77	-1.79	-4.37	-7.43	-10.21	-5.63	-5.00	-2.78	-1.55	0.00	0.00			
74TH STREET_GT_2	24261	37.15	36.42	33.45	31.72	34.47	37.87	41.88	49.92	49.49	47.27	46.64	45.50	44.17	45.71	46.39	51.41	61.44	70.38	65.63	58.48	55.94	51.07	46.60	43.88			
		2.23	2.09	1.92	1.88	2.04	2.24	2.75	3.20	3.24	3.37	3.47	3.48	3.41	3.56	3.49	3.72	4.46	5.07	4.95	4.23	4.12	3.67	3.33	2.83			
		0.00	0.00	0.00	0.00	0.00	0.00	-0.98	-5.11	-4.69	-2.78	-1.30	-1.10	-0.70	-0.77	-1.79	-4.37	-7.43	-10.21	-5.63	-5.00	-2.78	-1.55	0.00	0.00			
ADK HUDSON___FALLS	24011	37.11	36.49	33.48	31.69	34.50	37.90	50.37	96.65	92.25	55.95	50.47	48.59	45.89	47.70	51.75	64.46	84.17	124.60	89.46	100.81	76.61	63.54	45.61	43.79			
		2.20	2.16	1.95	1.85	2.08	2.28	2.67	2.91	2.99	2.96	3.06	2.99	2.84	3.02	3.00	2.47	2.87	3.42	3.30	2.91	2.80	2.57	2.34	2.75			
		0.00	0.00	0.00	0.00	0.00	0.00	-9.54	-52.13	-47.69	-11.87	-5.54	-4.68	-2.98	-3.30	-7.64	-18.68	-31.75	-66.09	-31.11	-48.66	-24.77	-15.13	0.00	0.00			
ADK RESOURCE___RCVRY	23798	37.25	36.59	33.58	31.78	34.60	38.05	50.58	97.25	92.72	56.21	50.70	48.86	46.10	47.93	52.03	64.68	84.51	125.19	89.84	101.32	76.91	63.77	45.74	43.96			
		2.34	2.26	2.05	1.94	2.17	2.42	2.82	3.08	3.20	3.17	3.27	3.23	3.04	3.23	3.25	2.60	3.07	3.64	3.53	3.10	2.94	2.70	2.47	2.91			
		0.00	0.00	0.00	0.00	0.00	0.00	-9.60	-52.56	-47.95	-11.92	-5.57	-4.71	-2.99	-3.32	-7.67	-18.77	-31.89	-66.46	-31.28	-48.97	-24.92	-15.22	0.00	0.00			
ADK S GLENS___FALLS	24028	37.11	36.49	33.48	31.69	34.50	37.90	50.37	96.65	92.25	55.95	50.47	48.59	45.89	47.70	51.75	64.46	84.17	124.60	89.46	100.81	76.61	63.54	45.61	43.79			
		2.20	2.16	1.95	1.85	2.08	2.28	2.67	2.91	2.99	2.96	3.06	2.99	2.84	3.02	3.00	2.47	2.87	3.42	3.30	2.91	2.80	2.57	2.34	2.75			
		0.00	0.00	0.00	0.00	0.00	0.00	-9.54	-52.13	-47.69	-11.87	-5.54	-4.68	-2.98	-3.30	-7.64	-18.68	-31.75	-66.09	-31.11	-48.66	-24.77	-15.13	0.00	0.00			
ADK_NYS___DAM	23527	37.18	36.52	33.52	31.76	34.53	37.87	47.50	81.46	78.07	52.83	48.87	47.21	45.03	46.59	49.66	60.51	76.96	106.92	81.72	87.10	70.03	59.77	46.30	43.79			
		2.27	2.20	1.99	1.91	2.11	2.25	2.56	2.70	2.62	2.63	2.76	2.70	2.68	2.69	2.71	2.90	3.12	3.53	3.63	3.25	3.29	3.16	3.03	2.75			
		0.00	0.00	0.00	0.00	0.00	0.00	-6.79	-37.15	-33.89	-9.08	-4.24	-3.58	-2.28	-2.53	-5.84	-14.29	-24.29	-48.29	-23.05	-34.61	-17.70	-10.76	0.00	0.00			
AIR_PRODUCTS___DRP	24190	36.49	35.87	32.92	31.19	33.88	37.12	44.90	71.07	68.67	50.37	47.29	45.81	43.85	45.42	47.80	57.03	71.66	95.00	75.76	77.36	64.63	56.07	45.39	42.89			
		1.57	1.54	1.39	1.34	1.46	1.50	1.68	1.79	1.79	1.85	1.97	1.96	1.92	1.99	1.93	2.08	2.33	2.64	2.64	2.31	2.31	2.20	2.12	1.85			
		0.00	0.00	0.00	0.00	0.00	0.00	-5.06	-27.67	-25.32	-7.40	-3.45	-2.92	-1.85	-2.06	-4.76	-11.64	-19.78	-37.26	-18.08	-25.80	-13.28	-8.02	0.00	0.00			
AKWESSNE_115KV_BK	355683	35.02	34.36	31.53	29.84	32.43	35.62	37.97	41.57	41.40	41.04	41.70	40.76	39.99	41.17	40.90	42.92	48.90	54.33	54.55	48.85	48.80	45.57	43.10	41.09			
		0.10	0.03	0.00	0.00	0.00	0.00	-0.19	-0.04	-0.17	-0.08	-0.17	-0.16	-0.08	-0.21	-0.21	-0.39	-0.64	-0.77	-0.50	-0.39	-0.25	-0.28	-0.17	0.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	36.69	36.07	33.10	31.34	34.08	37.33	43.86	64.77	62.82	49.14	46.64	45.20	43.42	45.00	47.01	55.15	68.53	87.54	72.49	71.52	61.79	54.37	45.65	43.14			
		1.78	1.75	1.58	1.49	1.65	1.71	1.83	1.92	1.87	1.85	1.89	1.84	1.80	1.90	1.93	2.12	2.48	2.86	2.86	2.51	2.50	2.38	2.38	2.09			
		0.00	0.00	0.00	0.00	0.00	0.00	-3.88	-21.24	-19.38	-6.17	-2.88	-2.44	-1.55	-1.72	-3.97	-9.71	-16.51	-29.58	-14.59	-19.77	-10.25	-6.14	0.00	0.00			
ALBANY_2_SOLAR	323834	36.69	36.07	33.10	31.34	34.05	37.33	43.86	64.72	62.81	49.10	46.59	45.20	43.42	44.96	47.01	55.15	68.53	87.48	72.48	71.51	61.79	54.32	45.61	43.14			
		1.78	1.75	1.58	1.49	1.62	1.71	1.83	1.87	1.87	1.81	1.84	1.84	1.80	1.86	1.93	2.12	2.48	2.81	2.86	2.51	2.50	2.34	2.34	2.09			
		0.00	0.00	0.00	0.00	0.00	0.00	-3.87	-21.23	-19.37	-6.17	-2.88	-2.44	-1.55	-1.72	-3.97	-9.71	-16.50	-29.57	-14.58	-19.76	-10.25	-6.14	0.00	0.00			
ALBANY___1	23571	36.49	35.87	32.92	31.19	33.88	37.12	44.90	71.07	68.67	50.37	47.29	45.81	43.85	45.42	47.80	57.03	71.66	95.00	75.76	77.36	64.63	56.07	45.39	42.89			
		1.57	1.54	1.39	1.34	1.46	1.50	1.68	1.79	1.79	1.85	1.97	1.96	1.92	1.99	1.93	2.08	2.33	2.64	2.64	2.31	2.31	2.20	2.12	1.85			
		0.00	0.00	0.00	0.00	0.00	0.00	-5.06	-27.67	-25.32	-7.40	-3.45	-2.92	-1.85	-2.06	-4.76	-11.64	-19.78	-37.26	-18.08	-25.80	-13.28	-8.02	0.00	0.00			

ALBANY___2 23572	36.49 1.57 0.00	35.87 1.54 0.00	32.92 1.39 0.00	31.19 1.34 0.00	33.88 1.46 0.00	37.12 1.50 0.00	44.90 1.68 -5.06	71.07 1.79 -27.67	68.67 1.79 -25.32	50.37 1.85 -7.40	47.29 1.97 -3.45	45.81 1.96 -2.92	43.85 1.92 -1.85	45.42 1.99 -2.06	47.80 1.93 -4.76	57.03 2.08 -11.64	71.66 2.33 -19.78	95.00 2.64 -37.26	75.76 2.64 -18.08	77.36 2.31 -25.80	64.63 2.31 -13.28	56.07 2.20 -8.02	45.39 2.12 0.00	42.89 1.85 0.00
ALBANY___3 23573	36.49 1.57 0.00	35.87 1.54 0.00	32.92 1.39 0.00	31.19 1.34 0.00	33.88 1.46 0.00	37.12 1.50 0.00	44.90 1.68 -5.06	71.07 1.79 -27.67	68.67 1.79 -25.32	50.37 1.85 -7.40	47.29 1.97 -3.45	45.81 1.96 -2.92	43.85 1.92 -1.85	45.42 1.99 -2.06	47.80 1.93 -4.76	57.03 2.08 -11.64	71.66 2.33 -19.78	95.00 2.64 -37.26	75.76 2.64 -18.08	77.36 2.31 -25.80	64.63 2.31 -13.28	56.07 2.20 -8.02	45.39 2.12 0.00	42.89 1.85 0.00
ALBANY___4 23574	36.49 1.57 0.00	35.87 1.54 0.00	32.92 1.39 0.00	31.19 1.34 0.00	33.88 1.46 0.00	37.12 1.50 0.00	44.90 1.68 -5.06	71.07 1.79 -27.67	68.67 1.79 -25.32	50.37 1.85 -7.40	47.29 1.97 -3.45	45.81 1.96 -2.92	43.85 1.92 -1.85	45.42 1.99 -2.06	47.80 1.93 -4.76	57.03 2.08 -11.64	71.66 2.33 -19.78	95.00 2.64 -37.26	75.76 2.64 -18.08	77.36 2.31 -25.80	64.63 2.31 -13.28	56.07 2.20 -8.02	45.39 2.12 0.00	42.89 1.85 0.00
ALBANY___LFGE 323615	36.66 1.74 0.00	36.00 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.30 1.67 0.00	46.42 1.87 -6.40	78.61 2.00 -35.01	75.54 2.04 -31.94	51.93 2.10 -8.72	48.16 2.22 -4.07	46.57 2.21 -3.44	44.46 2.20 -2.19	46.04 2.23 -2.43	48.93 2.22 -5.61	59.37 2.34 -13.72	75.49 2.62 -23.32	103.89 2.97 -45.82	79.95 2.97 -21.94	84.46 2.61 -32.61	68.34 2.60 -16.70	58.41 2.43 -10.14	45.61 2.34 0.00	43.10 2.05 0.00
ALCOA_PA_115KV_PL-6C 55860	35.16 0.24 0.00	34.49 0.17 0.00	31.65 0.13 0.00	29.96 0.12 0.00	32.55 0.13 0.00	35.77 0.14 0.00	38.08 -0.08 0.00	41.69 0.08 0.00	41.52 -0.04 0.00	41.16 0.04 0.00	41.82 -0.04 0.00	40.88 -0.04 0.00	40.11 0.04 0.00	41.30 -0.08 0.00	41.02 -0.08 0.00	42.88 -0.43 0.00	48.90 -0.64 0.00	54.33 -0.77 0.00	54.49 -0.55 0.00	48.85 -0.39 0.00	48.75 -0.29 0.00	45.52 -0.32 0.00	43.06 -0.22 0.00	41.21 0.16 0.00
ALCOA_RYNLDS___DRP 24188	35.16 0.24 0.00	34.49 0.17 0.00	31.65 0.13 0.00	29.96 0.12 0.00	32.55 0.13 0.00	35.77 0.14 0.00	38.08 -0.08 0.00	41.69 0.08 0.00	41.52 -0.04 0.00	41.16 0.04 0.00	41.82 -0.04 0.00	40.88 -0.04 0.00	40.11 0.04 0.00	41.30 -0.08 0.00	41.02 -0.08 0.00	42.88 -0.43 0.00	48.90 -0.64 0.00	54.33 -0.77 0.00	54.49 -0.55 0.00	48.85 -0.39 0.00	48.75 -0.29 0.00	45.52 -0.32 0.00	43.06 -0.22 0.00	41.21 0.16 0.00
ALCOA___DSASP 323711	35.16 0.25 0.00	34.50 0.17 0.00	31.66 0.13 0.00	29.96 0.12 0.00	32.56 0.13 0.00	35.77 0.14 0.00	38.08 -0.08 0.00	41.69 0.08 0.00	41.52 -0.04 0.00	41.16 0.04 0.00	41.82 -0.04 0.00	40.92 0.00 0.00	40.07 0.00 0.00	41.30 -0.08 0.00	40.94 -0.16 0.00	42.96 -0.35 0.00	48.90 -0.65 0.00	54.33 -0.77 0.00	54.49 -0.55 0.00	48.80 -0.44 0.00	48.70 -0.34 0.00	45.53 -0.32 0.00	43.06 -0.22 0.00	41.21 0.16 0.00
ALLEGHENY___COGEN 23514	33.10 -1.82 0.00	32.88 -1.44 0.00	30.08 -1.45 0.00	28.38 -1.46 0.00	30.87 -1.56 0.00	34.20 -1.43 0.00	36.97 -1.18 0.00	39.74 -1.87 0.00	40.86 -0.71 0.00	40.69 -0.94 -0.52	47.88 -2.09 -8.10	40.04 -2.29 -1.41	38.44 -2.45 -0.82	40.07 -2.32 -1.01	41.06 -2.22 -2.17	46.72 -1.95 -5.36	67.56 -1.59 -19.61	60.48 -1.71 -7.09	58.25 -1.87 -5.08	49.31 -1.67 -1.74	47.35 -1.76 -0.07	44.10 -1.74 0.00	41.58 -1.69 0.00	39.81 -1.23 0.00
ALTAMONT_115KV_TB 2 55880	36.17 1.26 0.00	35.52 1.20 0.00	32.63 1.10 0.00	30.92 1.07 0.00	33.59 1.17 0.00	36.83 1.21 0.00	43.61 1.37 -4.08	65.40 1.46 -22.33	63.46 1.45 -20.44	49.03 1.48 -6.43	46.42 1.55 -3.00	45.02 1.56 -2.54	43.20 1.52 -1.61	44.74 1.57 -1.79	46.81 1.56 -4.14	55.12 1.69 -10.12	68.68 1.93 -17.20	88.31 2.20 -31.01	72.50 2.20 -15.26	71.99 1.92 -20.82	61.74 1.91 -10.79	54.11 1.79 -6.47	44.96 1.69 0.00	42.52 1.48 0.00
ALTONA_WT_PWR 323606	34.43 -0.49 0.00	33.71 -0.62 0.00	30.93 -0.60 0.00	29.25 -0.60 0.00	31.78 -0.65 0.00	34.95 -0.68 0.00	37.01 -1.14 0.00	40.57 -1.04 0.00	40.36 -1.21 0.00	40.01 -1.11 0.00	40.65 -1.22 0.00	39.73 -1.19 0.00	38.95 -1.12 0.00	40.14 -1.24 0.00	39.75 -1.36 0.00	41.84 -1.47 0.00	47.71 -1.83 0.00	53.06 -2.04 0.00	53.28 -1.76 0.00	47.66 -1.58 0.00	47.67 -1.37 0.00	44.61 -1.24 0.00	42.15 -1.13 0.00	40.43 -0.61 0.00
AMERICAN_REF_FUEL 24010	29.85 -5.06 0.00	29.79 -4.53 0.00	27.24 -4.29 0.00	25.70 -4.15 0.00	27.95 -4.47 0.00	30.85 -4.77 0.00	33.00 -5.15 0.00	35.04 -6.57 0.00	34.95 -6.61 0.00	34.73 -6.82 -0.44	34.02 -6.32 1.52	34.28 -6.55 0.10	33.50 -6.53 0.04	34.69 -6.62 0.07	34.36 -6.62 0.13	36.25 -6.76 0.30	39.07 -7.68 2.80	45.81 -8.87 0.41	45.60 -9.14 0.30	40.79 -7.98 0.47	41.06 -8.04 -0.06	38.46 -7.38 0.00	36.70 -6.58 0.00	35.67 -5.38 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.10 -4.82 0.00	30.03 -4.29 0.00	27.43 -4.10 0.00	25.81 -4.03 0.00	28.14 -4.28 0.00	31.24 -4.38 0.00	33.46 -4.69 0.00	35.91 -5.70 0.00	35.66 -5.90 0.00	35.41 -6.21 -0.50	34.96 -5.36 1.54	35.36 -5.48 0.08	34.59 -5.45 0.03	35.73 -5.59 0.06	35.49 -5.51 0.10	37.31 -5.76 0.24	40.41 -6.39 2.75	47.72 -7.05 0.32	47.53 -7.27 0.25	42.58 -6.21 0.46	42.55 -6.57 -0.07	39.89 -5.96 0.00	37.95 -5.32 0.00	36.77 -4.27 0.00
ARTHUR KILL_GT_1 23520	55.26 2.52 -17.83	55.25 2.40 -18.53	54.56 2.37 -20.66	42.54 2.30 -10.39	55.22 2.43 -20.36	55.26 2.53 -17.10	55.98 2.90 -14.93	59.44 3.12 -14.71	59.45 3.20 -14.68	59.21 3.29 -14.80	59.08 3.43 -13.78	59.07 3.39 -14.75	59.07 3.45 -15.56	59.10 3.52 -14.21	59.06 3.49 -14.47	59.45 3.64 -12.50	61.34 4.31 -7.49	104.11 5.29 -43.72	165.46 4.73 -105.68	158.31 4.18 -104.89	99.69 3.93 -46.72	59.12 3.58 -9.69	59.08 3.29 -12.52	57.20 2.91 -13.24
ARTHUR_KILL_2 23512	55.15 2.41 -17.83	55.15 2.30 -18.53	54.49 2.30 -20.66	42.48 2.24 -10.39	55.15 2.37 -20.36	55.15 2.42 -17.10	55.87 2.78 -14.93	59.32 3.00 -14.71	59.32 3.08 -14.68	59.08 3.17 -14.80	58.95 3.31 -13.78	58.95 3.28 -14.75	58.95 3.32 -15.56	58.98 3.39 -14.21	58.98 3.41 -14.47	59.32 3.51 -12.50	61.20 4.16 -7.49	103.94 5.12 -43.72	165.24 4.51 -105.68	158.17 4.04 -104.89	99.54 3.78 -46.72	58.98 3.44 -9.69	58.95 3.16 -12.52	57.08 2.79 -13.24
ARTHUR_KILL_3 23513	54.55 1.81 -17.82	54.52 1.68 -18.52	53.80 1.61 -20.67	41.83 1.58 -10.40	54.45 1.65 -20.37	54.57 1.85 -17.10	55.38 2.29 -14.94	59.03 2.70 -14.72	59.04 2.79 -14.69	58.80 2.88 -14.81	58.62 2.97 -13.78	58.63 2.95 -14.76	58.56 2.92 -15.56	58.66 3.06 -14.22	58.62 3.04 -14.47	59.03 3.20 -12.51	60.90 3.87 -7.49	103.33 4.52 -43.71	165.02 4.30 -105.69	157.83 3.70 -104.90	99.25 3.48 -46.73	58.71 3.16 -9.70	58.60 2.81 -12.51	56.62 2.34 -13.24

ARTHUR_KILL_COGEN 323718	55.26 2.52 -17.83	55.25 2.40 -18.53	54.56 2.37 -20.66	42.54 2.30 -10.39	55.22 2.43 -20.36	55.26 2.53 -17.10	55.98 2.90 -14.93	59.44 3.12 -14.71	59.45 3.20 -14.68	59.21 3.29 -14.80	59.08 3.43 -13.78	59.07 3.39 -14.75	59.07 3.45 -15.56	59.10 3.52 -14.21	59.06 3.49 -14.47	59.45 3.64 -12.50	61.34 4.31 -7.49	104.11 5.29 -43.72	165.46 4.73 -105.68	158.31 4.18 -104.89	99.69 3.93 -46.72	59.12 3.58 -9.69	59.08 3.29 -12.52	57.20 2.91 -13.24
ASHOKAN____ 23654	37.85 2.93 0.00	37.21 2.88 0.00	34.11 2.59 0.00	32.26 2.42 0.00	35.24 2.82 0.00	38.72 3.10 0.00	43.76 2.63 -2.97	60.93 2.95 -16.36	59.44 2.95 -14.93	49.07 2.88 -5.07	47.04 2.81 -2.37	45.67 2.74 -2.00	44.03 2.68 -1.27	45.56 2.77 -1.41	47.25 2.88 -3.26	54.50 3.20 -7.98	67.47 4.36 -13.56	83.41 4.90 -23.41	71.99 5.23 -11.71	68.71 4.33 -15.14	60.97 4.02 -7.90	54.03 3.48 -4.71	47.77 4.50 0.00	45.07 4.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.16 2.24 -0.01	36.46 2.13 -0.01	33.46 1.92 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.83 2.21 0.00	41.49 2.41 -0.93	49.40 2.67 -5.13	49.03 2.79 -4.68	46.85 2.96 -2.77	46.21 3.05 -1.29	45.04 3.03 -1.09	43.80 3.04 -0.69	45.29 3.14 -0.76	46.01 3.12 -1.78	50.88 3.20 -4.36	60.88 3.91 -7.42	69.63 4.52 -10.01	64.84 4.24 -5.56	57.66 3.64 -4.77	55.14 3.43 -2.67	50.49 3.16 -1.49	46.30 3.03 0.00	43.67 2.63 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.16 2.24 -0.01	36.46 2.13 -0.01	33.46 1.92 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.83 2.21 0.00	41.49 2.41 -0.93	49.40 2.67 -5.13	49.03 2.79 -4.68	46.85 2.96 -2.77	46.21 3.05 -1.29	45.04 3.03 -1.09	43.80 3.04 -0.69	45.29 3.14 -0.76	46.01 3.12 -1.78	50.88 3.20 -4.36	60.88 3.91 -7.42	69.63 4.52 -10.01	64.84 4.24 -5.56	57.66 3.64 -4.77	55.14 3.43 -2.67	50.49 3.16 -1.49	46.30 3.03 0.00	43.67 2.63 0.00
ASTORIA_GT2_1 24094	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT2_2 24095	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT2_3 24096	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT2_4 24097	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT3_1 24098	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT3_2 24099	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT3_3 24100	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT3_4 24101	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT4_1 24102	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT4_2 24103	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT4_3 24104	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00

ASTORIA_GT4_4 24105	37.16 2.23 -0.01	36.49 2.16 -0.01	33.49 1.95 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.58 2.44 -0.98	49.42 2.70 -5.11	49.04 2.78 -4.69	46.86 2.96 -2.78	46.22 3.06 -1.30	45.09 3.07 -1.10	43.81 3.05 -0.70	45.30 3.14 -0.77	45.98 3.08 -1.79	50.93 3.25 -4.37	60.79 3.82 -7.43	69.66 4.35 -10.21	64.91 4.24 -5.63	57.84 3.59 -5.00	55.36 3.53 -2.78	50.56 3.16 -1.55	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA_GT_1 23523	37.19 2.27 -0.01	36.53 2.20 -0.01	33.52 1.99 -0.01	31.79 1.94 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.60 2.52 -0.93	49.48 2.75 -5.13	49.11 2.87 -4.68	46.93 3.04 -2.77	46.30 3.14 -1.29	45.16 3.15 -1.09	43.92 3.16 -0.69	45.37 3.23 -0.76	46.09 3.21 -1.78	51.01 3.34 -4.36	60.98 4.01 -7.42	69.79 4.68 -10.01	65.01 4.41 -5.56	57.80 3.79 -4.77	55.25 3.53 -2.67	50.59 3.26 -1.49	46.39 3.12 0.00	43.75 2.71 0.00
ASTORIA_GT_10 24110	37.16 2.23 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.05 3.29 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.43 3.16 0.00	43.79 2.75 0.00
ASTORIA_GT_11 24225	37.16 2.23 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.05 3.29 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.43 3.16 0.00	43.79 2.75 0.00
ASTORIA_GT_12 24226	37.16 2.23 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.05 3.29 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.43 3.16 0.00	43.79 2.75 0.00
ASTORIA_GT_13 24227	37.16 2.23 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.05 3.29 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.43 3.16 0.00	43.79 2.75 0.00
ASTORIA_GT_5 24106	37.19 2.27 -0.01	36.53 2.20 -0.01	33.52 1.99 -0.01	31.79 1.94 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.66 2.52 -0.98	49.51 2.79 -5.11	49.12 2.87 -4.69	46.94 3.04 -2.78	46.30 3.14 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.38 3.23 -0.77	46.06 3.17 -1.79	51.02 3.33 -4.37	60.94 3.96 -7.43	69.77 4.46 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.45 3.63 -2.78	50.65 3.26 -1.55	46.39 3.12 0.00	43.75 2.71 0.00
ASTORIA_GT_7 24107	37.19 2.27 -0.01	36.53 2.20 -0.01	33.52 1.99 -0.01	31.79 1.94 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.66 2.52 -0.98	49.51 2.79 -5.11	49.12 2.87 -4.69	46.94 3.04 -2.78	46.30 3.14 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.38 3.23 -0.77	46.06 3.17 -1.79	51.02 3.33 -4.37	60.94 3.96 -7.43	69.77 4.46 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.45 3.63 -2.78	50.65 3.26 -1.55	46.39 3.12 0.00	43.75 2.71 0.00
ASTORIA_GT_8 24108	37.19 2.27 -0.01	36.53 2.20 -0.01	33.52 1.99 -0.01	31.79 1.94 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.66 2.52 -0.98	49.51 2.79 -5.11	49.12 2.87 -4.69	46.94 3.04 -2.78	46.30 3.14 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.38 3.23 -0.77	46.06 3.17 -1.79	51.02 3.33 -4.37	60.94 3.96 -7.43	69.77 4.46 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.45 3.63 -2.78	50.65 3.26 -1.55	46.39 3.12 0.00	43.75 2.71 0.00
ASTORIA___2 24149	37.16 2.24 -0.01	36.49 2.16 -0.01	33.49 1.96 -0.01	31.76 1.91 -0.01	34.44 2.01 -0.01	37.87 2.25 0.00	41.53 2.44 -0.93	49.44 2.70 -5.13	49.03 2.79 -4.68	46.85 2.96 -2.77	46.21 3.05 -1.29	45.08 3.07 -1.09	43.84 3.09 -0.69	45.29 3.14 -0.76	46.05 3.17 -1.78	50.93 3.25 -4.36	60.88 3.91 -7.42	69.68 4.57 -10.01	64.90 4.30 -5.56	57.71 3.70 -4.77	55.14 3.43 -2.67	50.49 3.16 -1.49	46.30 3.03 0.00	43.71 2.67 0.00
ASTORIA___3 23516	37.16 2.24 -0.01	36.46 2.13 -0.01	33.49 1.96 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.76 2.67 -0.94	49.70 2.95 -5.14	49.28 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.28 -1.10	44.09 3.32 -0.70	45.55 3.39 -0.77	46.26 3.37 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.02 4.90 -10.02	65.18 4.57 -5.57	58.01 3.99 -4.78	55.45 3.73 -2.68	50.77 3.44 -1.49	46.43 3.16 0.00	43.79 2.75 0.00
ASTORIA___4 23517	37.16 2.23 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.05 3.29 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.43 3.16 0.00	43.79 2.75 0.00
ASTORIA___5 23518	37.16 2.24 -0.01	36.46 2.13 -0.01	33.49 1.96 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.76 2.67 -0.94	49.70 2.95 -5.14	49.28 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.28 -1.10	44.09 3.32 -0.70	45.55 3.39 -0.77	46.26 3.37 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.02 4.90 -10.02	65.18 4.57 -5.57	58.01 3.99 -4.78	55.45 3.73 -2.68	50.77 3.44 -1.49	46.43 3.16 0.00	43.79 2.75 0.00
AST_ENERGY_2_CC3 323677	36.94 2.02 0.00	36.24 1.92 0.00	33.29 1.76 0.00	31.57 1.73 0.00	34.27 1.85 0.00	37.65 2.03 0.00	41.35 2.41 -0.79	42.85 2.83 1.59	42.85 2.91 1.62	42.61 3.00 1.51	43.38 3.14 1.63	43.38 3.11 0.65	43.38 3.09 -0.23	43.41 3.19 1.16	43.41 3.21 0.90	43.75 3.34 2.90	44.00 4.06 9.61	51.21 4.68 8.56	44.00 4.46 15.50	44.00 3.84 9.09	43.68 3.63 8.99	43.41 3.30 5.74	43.38 2.94 2.84	42.25 2.46 1.26
AST_ENERGY_2_CC4 323678	36.94 2.02 0.00	36.24 1.92 0.00	33.29 1.76 0.00	31.57 1.73 0.00	34.27 1.85 0.00	37.65 2.03 0.00	41.35 2.41 -0.79	42.85 2.83 1.59	42.85 2.91 1.62	42.61 3.00 1.51	43.38 3.14 1.63	43.38 3.11 0.65	43.38 3.09 -0.23	43.41 3.19 1.16	43.41 3.21 0.90	43.75 3.34 2.90	44.00 4.06 9.61	51.21 4.68 8.56	44.00 4.46 15.50	44.00 3.84 9.09	43.68 3.63 8.99	43.41 3.30 5.74	43.38 2.94 2.84	42.25 2.46 1.26

ATHENS_STG_1 23668	36.24 1.33 0.00	35.59 1.27 0.00	32.70 1.17 0.00	30.98 1.13 0.00	33.66 1.23 0.00	36.94 1.32 0.00	40.46 1.60 -0.70	47.22 1.75 -3.86	46.83 1.75 -3.53	45.78 1.81 -2.85	45.08 1.89 -1.33	43.89 1.84 -1.13	42.63 1.84 -0.71	44.08 1.90 -0.79	44.83 1.89 -1.84	49.79 1.99 -4.49	59.50 2.33 -7.63	66.72 2.64 -8.98	62.90 2.64 -5.22	55.15 2.31 -3.59	53.41 2.26 -2.11	49.03 2.06 -1.12	45.22 1.95 0.00	42.73 1.68 0.00
ATHENS_STG_2 23670	36.24 1.33 0.00	35.59 1.27 0.00	32.70 1.17 0.00	30.98 1.13 0.00	33.66 1.23 0.00	36.94 1.32 0.00	40.46 1.60 -0.70	47.22 1.75 -3.86	46.83 1.75 -3.53	45.78 1.81 -2.85	45.08 1.89 -1.33	43.89 1.84 -1.13	42.63 1.84 -0.71	44.08 1.90 -0.79	44.83 1.89 -1.84	49.79 1.99 -4.49	59.50 2.33 -7.63	66.72 2.64 -8.98	62.90 2.64 -5.22	55.15 2.31 -3.59	53.41 2.26 -2.11	49.03 2.06 -1.12	45.22 1.95 0.00	42.73 1.68 0.00
ATHENS_STG_3 23677	36.24 1.33 0.00	35.59 1.27 0.00	32.70 1.17 0.00	30.98 1.13 0.00	33.66 1.23 0.00	36.94 1.32 0.00	40.46 1.60 -0.70	47.22 1.75 -3.86	46.83 1.75 -3.53	45.78 1.81 -2.85	45.08 1.89 -1.33	43.89 1.84 -1.13	42.63 1.84 -0.71	44.08 1.90 -0.79	44.83 1.89 -1.84	49.79 1.99 -4.49	59.50 2.33 -7.63	66.72 2.64 -8.98	62.90 2.64 -5.22	55.15 2.31 -3.59	53.41 2.26 -2.11	49.03 2.06 -1.12	45.22 1.95 0.00	42.73 1.68 0.00
AUBURN___LFGE 323710	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.28 -0.57 0.00	31.84 -0.58 0.00	35.12 -0.50 0.00	37.70 -0.46 0.00	40.99 -0.62 0.00	41.06 -0.50 0.00	40.56 -0.58 -0.02	41.24 -0.63 0.00	40.27 -0.65 0.00	39.31 -0.76 0.00	40.72 -0.66 0.00	40.45 -0.66 0.00	42.70 -0.61 0.00	49.00 -0.55 0.00	55.35 -0.50 -0.75	54.97 -0.61 -0.54	48.87 -0.49 -0.12	48.51 -0.59 -0.05	45.20 -0.64 0.00	42.58 -0.69 0.00	40.43 -0.62 0.00
BABYLON_RES_REC 323704	37.71 2.79 0.00	36.69 2.37 0.00	33.70 2.17 0.00	32.17 2.33 0.00	34.63 2.21 0.00	38.15 2.53 0.00	42.69 3.59 -0.95	50.88 4.03 -5.24	50.29 4.03 -4.70	47.76 3.86 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	44.94 4.17 -0.71	47.72 4.30 -2.04	47.18 4.27 -1.80	56.50 4.42 -8.77	71.47 5.45 -16.47	74.08 6.22 -12.76	73.01 6.05 -11.92	67.28 5.27 -12.77	63.36 4.86 -9.46	60.99 4.45 -10.70	47.48 4.20 -0.01	44.49 3.45 0.00
BABYLON__69_KV_BK2 356345	38.02 3.11 0.00	37.03 2.71 0.00	34.02 2.49 0.00	32.38 2.54 0.00	34.92 2.50 0.00	38.51 2.89 0.00	43.19 4.04 -0.99	51.35 4.54 -5.21	50.75 4.49 -4.70	48.18 4.28 -2.78	47.86 4.69 -1.31	46.65 4.62 -1.11	45.38 4.61 -0.71	48.19 4.80 -2.01	47.51 4.60 -1.80	56.93 4.94 -8.68	71.88 6.04 -16.28	74.88 6.89 -12.90	73.71 6.83 -11.85	67.93 5.86 -12.82	63.96 5.49 -9.43	61.46 5.04 -10.57	47.96 4.67 -0.01	44.94 3.90 0.00
BALL_HILL_WT_PWR 323825	30.72 -4.19 0.00	30.68 -3.64 0.00	28.03 -3.50 0.00	26.41 -3.43 0.00	28.76 -3.66 0.00	31.85 -3.78 0.00	34.07 -4.08 0.00	36.45 -5.16 0.00	36.24 -5.32 0.00	36.01 -5.59 -0.48	34.92 -4.77 2.17	35.82 -4.91 0.19	35.09 -4.89 0.09	36.28 -4.97 0.14	35.91 -4.93 0.26	37.52 -5.15 0.63	39.57 -5.75 4.23	47.81 -6.45 0.84	47.71 -6.72 0.62	42.78 -5.86 0.60	42.93 -6.18 -0.07	40.20 -5.64 0.00	38.25 -5.02 0.00	37.02 -4.02 0.00
BARON_WINDS___WT_PWR 323822	31.91 -3.00 0.00	31.65 -2.68 0.00	28.98 -2.55 0.00	27.34 -2.51 0.00	29.73 -2.69 0.00	32.88 -2.74 0.00	35.59 -2.82 -0.25	39.59 -3.41 -1.39	41.29 -1.71 -1.43	39.92 -1.89 -0.69	26.01 -3.39 12.46	35.78 -3.44 1.70	35.63 -3.49 0.95	36.68 -3.48 1.22	35.16 -3.37 2.57	33.54 -3.42 6.35	18.06 -3.67 27.82	43.69 -4.08 7.33	45.17 -4.19 5.69	44.08 -3.64 1.52	45.78 -3.97 -0.70	42.53 -3.71 -0.40	39.81 -3.46 0.00	38.17 -2.87 0.00
BARRETT_IC_1 23704	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_10 23701	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_11 23702	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_12 23703	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_2 23705	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_3 23706	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_4 23707	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01

BARRETT_IC_5 23708	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_6 23709	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_7 23710	37.37 2.44 -0.01	36.45 2.13 0.00	33.48 1.95 0.00	31.84 2.00 0.00	34.40 1.98 0.00	37.94 2.32 0.00	42.32 3.17 -1.00	50.22 3.41 -5.20	49.80 3.53 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.69 -0.71	47.01 3.68 -1.94	46.57 3.66 -1.81	55.53 3.77 -8.45	69.76 4.41 -15.80	72.81 4.96 -12.75	71.50 4.95 -11.51	66.02 4.38 -12.40	62.23 4.12 -9.06	59.73 3.81 -10.08	46.97 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_8 23711	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT_IC_9 23700	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT___1 23545	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BARRETT___2 23546	37.44 2.52 -0.01	36.45 2.13 0.00	33.48 1.96 0.00	31.90 2.06 0.00	34.44 2.01 0.00	37.94 2.31 0.00	42.28 3.17 -0.95	50.25 3.41 -5.23	49.84 3.57 -4.71	47.44 3.54 -2.79	46.99 3.81 -1.31	45.76 3.72 -1.11	44.47 3.68 -0.71	47.00 3.68 -1.94	46.57 3.66 -1.81	55.52 3.77 -8.45	69.81 4.46 -15.80	72.72 5.07 -12.56	71.44 4.96 -11.44	65.80 4.38 -12.18	62.07 4.07 -8.96	59.66 3.80 -10.01	46.96 3.68 -0.02	44.17 3.12 -0.01
BATAVIA__115KV_TB1 55881	31.46 -3.46 0.00	31.41 -2.92 0.00	28.66 -2.87 0.00	27.07 -2.78 0.00	29.44 -2.98 0.00	32.56 -3.06 0.00	35.33 -2.82 0.00	37.66 -3.95 0.00	37.86 -3.70 0.00	37.52 -3.99 -0.39	37.21 -3.60 1.06	37.04 -3.85 0.03	36.09 -3.97 0.01	37.54 -3.81 0.03	37.08 -3.99 0.04	39.32 -3.90 0.09	43.63 -4.11 1.80	50.14 -4.85 0.11	49.18 -5.78 0.08	43.74 -5.12 0.38	43.81 -5.30 -0.06	41.12 -4.72 0.00	39.03 -4.24 0.00	37.72 -3.32 0.00
BAYONEEC___CTG1 323682	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG10 323750	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG2 323683	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG3 323684	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG4 323685	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG5 323686	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG6 323687	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00

BAYONEEC___CTG7 323688	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG8 323689	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BAYONEEC___CTG9 323749	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.57 2.48 -0.94	49.66 2.91 -5.14	49.25 2.99 -4.69	46.98 3.09 -2.78	46.34 3.18 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.14 3.25 -1.79	51.10 3.42 -4.37	61.09 4.11 -7.43	69.90 4.79 -10.02	65.18 4.57 -5.57	57.96 3.94 -4.78	55.44 3.73 -2.68	50.72 3.39 -1.49	46.30 3.03 0.00	43.59 2.55 0.00
BEACON___LESR 323632	36.90 1.99 0.00	36.28 1.96 0.00	33.29 1.76 0.00	31.51 1.67 0.00	34.27 1.85 0.00	37.58 1.96 0.00	45.54 2.21 -5.17	72.31 2.37 -28.33	69.86 2.45 -25.84	51.13 2.51 -7.50	47.97 2.60 -3.50	46.46 2.58 -2.96	44.47 2.53 -1.88	46.07 2.61 -2.09	48.52 2.59 -4.83	57.89 2.77 -11.80	72.78 3.17 -20.05	96.64 3.58 -37.97	77.01 3.58 -18.39	78.78 3.15 -26.39	65.71 3.09 -13.58	56.94 2.89 -8.20	46.04 2.77 0.00	43.47 2.42 0.00
BEAVER RIVER___HYD 24048	34.29 -0.63 0.00	33.67 -0.65 0.00	30.96 -0.57 0.00	29.28 -0.57 0.00	31.78 -0.65 0.00	35.05 -0.57 0.00	37.70 -0.46 0.00	41.36 -0.25 0.00	41.23 -0.33 0.00	40.63 -0.49 0.00	41.32 -0.55 0.00	40.27 -0.66 0.00	39.35 -0.72 0.00	40.76 -0.62 0.00	40.53 -0.58 0.00	42.79 -0.52 0.00	49.05 -0.50 0.00	54.65 -0.44 0.00	54.49 -0.55 0.00	48.80 -0.44 0.00	48.60 -0.44 0.00	45.30 -0.55 0.00	42.62 -0.65 0.00	40.39 -0.66 0.00
BEEBEE_GT_13 23619	32.26 -2.65 0.00	32.02 -2.30 0.00	29.32 -2.21 0.00	27.70 -2.15 0.00	30.12 -2.30 0.00	33.20 -2.42 0.00	35.64 -2.52 0.00	38.28 -3.33 0.00	38.45 -3.12 0.00	37.85 -3.25 0.02	38.60 -3.27 0.00	37.61 -3.31 0.00	36.66 -3.41 0.00	38.07 -3.31 0.00	37.69 -3.41 0.00	39.84 -3.46 0.00	45.77 -3.77 0.01	50.74 -4.35 0.00	50.47 -4.57 0.00	45.02 -4.09 0.13	45.02 -4.02 0.00	42.22 -3.62 0.00	39.94 -3.33 0.00	38.34 -2.71 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.33 2.58 -17.83	55.29 2.44 -18.53	54.49 2.30 -20.66	42.45 2.21 -10.39	55.18 2.40 -20.36	55.33 2.60 -17.10	56.18 3.05 -14.97	59.71 3.41 -14.69	59.74 3.49 -14.68	59.54 3.62 -14.80	59.41 3.77 -13.78	59.44 3.76 -14.75	59.35 3.73 -15.56	59.43 3.85 -14.21	59.35 3.78 -14.47	59.80 3.98 -12.50	61.74 4.71 -7.49	104.30 5.29 -43.91	166.07 5.28 -105.74	158.88 4.53 -105.11	100.28 4.41 -46.82	59.55 3.94 -9.76	59.38 3.59 -12.52	57.45 3.16 -13.24
BETHLEHEM___GRP 23843	36.49 1.57 0.00	35.87 1.54 0.00	32.92 1.39 0.00	31.19 1.34 0.00	33.88 1.46 0.00	37.12 1.50 0.00	44.90 1.68 -5.06	71.07 1.79 -27.67	68.67 1.79 -25.32	50.37 1.85 -7.40	47.29 1.97 -3.45	45.81 1.96 -2.92	43.85 1.92 -1.85	45.42 1.99 -2.06	47.80 1.93 -4.76	57.03 2.08 -11.64	71.66 2.33 -19.78	95.00 2.64 -37.26	75.76 2.64 -18.08	77.36 2.31 -25.80	64.63 2.31 -13.28	56.07 2.20 -8.02	45.39 2.12 0.00	42.89 1.85 0.00
BETHLEHEM___GS1 323560	36.49 1.57 0.00	35.87 1.55 0.00	32.91 1.39 0.00	31.19 1.34 0.00	33.89 1.46 0.00	37.12 1.50 0.00	44.90 1.68 -5.07	71.15 1.79 -27.75	68.67 1.79 -25.32	50.37 1.85 -7.40	47.29 1.97 -3.45	45.81 1.96 -2.92	43.85 1.92 -1.85	45.42 1.99 -2.06	47.84 1.97 -4.76	57.03 2.08 -11.64	71.66 2.33 -19.78	95.04 2.64 -37.30	75.77 2.64 -18.09	77.41 2.31 -25.85	64.66 2.31 -13.31	56.08 2.20 -8.04	45.39 2.12 0.00	42.89 1.85 0.00
BETHLEHEM___GS2 323561	36.49 1.57 0.00	35.87 1.55 0.00	32.91 1.39 0.00	31.19 1.34 0.00	33.89 1.46 0.00	37.12 1.50 0.00	44.90 1.68 -5.07	71.15 1.79 -27.75	68.67 1.79 -25.32	50.37 1.85 -7.40	47.29 1.97 -3.45	45.81 1.96 -2.92	43.85 1.92 -1.85	45.42 1.99 -2.06	47.84 1.97 -4.76	57.03 2.08 -11.64	71.66 2.33 -19.78	95.04 2.64 -37.30	75.77 2.64 -18.09	77.41 2.31 -25.85	64.66 2.31 -13.31	56.08 2.20 -8.04	45.39 2.12 0.00	42.89 1.85 0.00
BETHLEHEM___GS3 323562	36.49 1.57 0.00	35.87 1.55 0.00	32.91 1.39 0.00	31.19 1.34 0.00	33.89 1.46 0.00	37.12 1.50 0.00	44.90 1.68 -5.07	71.15 1.79 -27.75	68.67 1.79 -25.32	50.37 1.85 -7.40	47.29 1.97 -3.45	45.81 1.96 -2.92	43.85 1.92 -1.85	45.42 1.99 -2.06	47.84 1.97 -4.76	57.03 2.08 -11.64	71.66 2.33 -19.78	95.04 2.64 -37.30	75.77 2.64 -18.09	77.41 2.31 -25.85	64.66 2.31 -13.31	56.08 2.20 -8.04	45.39 2.12 0.00	42.89 1.85 0.00
BETHLEHEM___STEEL 23779	30.90 -4.02 0.00	30.86 -3.47 0.00	28.19 -3.34 0.00	26.56 -3.28 0.00	28.92 -3.50 0.00	31.99 -3.63 0.00	34.23 -3.93 0.00	36.57 -5.03 0.00	36.45 -5.11 0.00	36.13 -5.47 -0.48	35.26 -4.61 2.01	36.02 -4.75 0.16	35.22 -4.77 0.08	36.50 -4.76 0.12	36.03 -4.85 0.22	37.75 -5.02 0.54	40.14 -5.55 3.85	48.04 -6.34 0.72	47.85 -6.66 0.53	42.86 -5.81 0.57	42.79 -6.33 -0.07	40.25 -5.59 0.00	38.25 -5.02 0.00	37.06 -3.98 0.00
BETHLHEM_115KV_TB1 79974	36.42 1.50 0.00	35.80 1.48 0.00	32.88 1.36 0.00	31.13 1.28 0.00	33.82 1.39 0.00	37.08 1.46 0.00	44.62 1.64 -4.82	69.69 1.71 -26.38	67.45 1.75 -24.14	50.09 1.81 -7.16	47.10 1.88 -3.35	45.63 1.88 -2.83	43.71 1.84 -1.80	45.27 1.90 -1.99	47.56 1.85 -4.61	56.58 1.99 -11.27	70.98 2.28 -19.16	93.43 2.59 -35.74	74.97 2.53 -17.39	76.10 2.27 -24.60	63.98 2.26 -12.68	55.60 2.11 -7.65	45.31 2.03 0.00	42.81 1.76 0.00
BETHPAGE_CC_5 323564	37.64 2.73 0.00	36.62 2.30 0.00	33.64 2.11 0.00	32.11 2.27 0.00	34.60 2.17 0.00	38.12 2.49 0.00	42.58 3.47 -0.95	50.72 3.87 -5.24	50.17 3.91 -4.70	47.68 3.78 -2.78	47.32 4.15 -1.31	46.08 4.05 -1.11	44.82 4.05 -0.71	47.67 4.18 -2.11	47.05 4.15 -1.80	56.60 4.25 -9.04	71.72 5.15 -17.02	73.92 5.90 -12.93	73.12 5.78 -12.30	67.52 5.03 -13.25	63.58 4.66 -9.87	61.36 4.26 -11.25	47.35 4.07 -0.01	44.41 3.37 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.00 -3.91 0.00	30.96 -3.36 0.00	28.28 -3.25 0.00	26.65 -3.19 0.00	29.02 -3.40 0.00	32.10 -3.53 0.00	34.38 -3.78 0.00	36.74 -4.87 0.00	36.66 -4.90 0.00	36.34 -5.26 -0.49	35.69 -4.31 1.86	36.37 -4.42 0.14	35.52 -4.49 0.06	36.81 -4.47 0.10	36.40 -4.52 0.19	38.19 -4.68 0.44	40.88 -5.15 3.51	48.55 -5.95 0.59	48.38 -6.22 0.44	43.29 -5.42 0.53	43.03 -6.08 -0.07	40.48 -5.36 0.00	38.47 -4.80 0.00	37.23 -3.82 0.00

BINGHAMTON___COGEN 23790	34.25 -0.66 0.00	33.77 -0.55 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.15 -0.42 -0.41	43.27 -0.54 -2.21	43.24 -0.42 -2.10	41.65 -0.53 -1.06	41.86 -0.50 -0.50	40.85 -0.49 -0.42	39.73 -0.60 -0.26	41.18 -0.50 -0.29	41.29 -0.49 -0.68	44.54 -0.43 -1.66	52.04 -0.35 -2.84	58.64 -0.39 -3.93	56.66 -0.50 -2.12	50.91 -0.44 -2.11	49.49 -0.69 -1.14	45.85 -0.64 -0.65	42.62 -0.65 0.00	40.51 -0.53 0.00
BIXINCNT_115KV_LOAD 355685	30.51 -4.40 0.00	30.44 -3.88 0.00	27.81 -3.72 0.00	26.14 -3.70 0.00	28.57 -3.86 0.00	31.63 -3.99 0.00	33.96 -4.20 0.00	36.20 -5.41 0.00	36.37 -5.20 0.00	36.09 -5.55 -0.52	36.07 -4.69 1.11	36.17 -4.75 0.01	35.39 -4.69 -0.01	36.70 -4.68 0.01	36.39 -4.73 -0.01	38.50 -4.85 -0.04	42.69 -5.15 1.70	49.25 -5.90 -0.05	49.01 -6.05 -0.02	43.87 -5.02 0.35	43.04 -6.08 -0.08	40.34 -5.50 0.00	38.43 -4.85 0.00	37.10 -3.94 0.00
BLACK RIVER___HYD 24047	34.43 -0.49 0.00	33.81 -0.51 0.00	31.12 -0.41 0.00	29.43 -0.42 0.00	31.91 -0.52 0.00	35.23 -0.39 0.00	38.04 -0.11 0.00	41.78 0.17 0.00	41.65 0.08 0.00	40.96 -0.16 0.00	41.70 -0.17 0.00	40.55 -0.37 0.00	39.63 -0.44 0.00	41.13 -0.25 0.00	40.94 -0.16 0.00	43.31 0.00 0.00	49.70 0.15 0.00	55.43 0.33 0.00	55.10 0.06 0.00	49.39 0.15 0.00	49.14 0.10 0.00	45.75 -0.09 0.00	43.06 -0.22 0.00	40.71 -0.33 0.00
BLACKRVR_115KV_TB2 79977	34.43 -0.49 0.00	33.81 -0.51 0.00	31.12 -0.41 0.00	29.43 -0.42 0.00	31.91 -0.52 0.00	35.23 -0.39 0.00	38.04 -0.11 0.00	41.78 0.17 0.00	41.60 0.04 0.00	40.96 -0.16 0.00	41.70 -0.17 0.00	40.55 -0.37 0.00	39.63 -0.44 0.00	41.13 -0.25 0.00	40.94 -0.16 0.00	43.27 -0.04 0.00	49.70 0.15 0.00	55.43 0.33 0.00	55.10 0.06 0.00	49.39 0.15 0.00	49.14 0.10 0.00	45.75 -0.09 0.00	43.06 -0.22 0.00	40.72 -0.33 0.00
BLISS_WT_PWR 323608	30.17 -4.75 0.00	30.10 -4.22 0.00	27.49 -4.04 0.00	25.85 -4.00 0.00	28.24 -4.18 0.00	31.31 -4.31 0.00	33.65 -4.50 0.00	35.83 -5.78 0.00	35.91 -5.65 0.00	35.72 -5.92 -0.52	35.61 -5.15 1.11	35.72 -5.20 0.01	35.03 -5.05 -0.01	36.24 -5.13 0.01	36.06 -5.06 -0.01	38.11 -5.24 -0.04	42.25 -5.60 1.70	48.86 -6.28 -0.05	48.68 -6.38 -0.02	43.57 -5.32 0.35	42.84 -6.28 -0.08	40.02 -5.82 0.00	38.17 -5.11 0.00	36.86 -4.19 0.00
BLUESTONE___WT_PWR 323821	35.61 0.70 0.00	35.08 0.75 0.00	32.28 0.76 0.00	30.50 0.66 0.00	33.04 0.61 0.00	36.55 0.92 0.00	40.39 1.49 -0.75	49.36 2.95 -4.80	48.90 2.95 -4.39	45.29 2.43 -1.75	45.07 2.39 -0.82	43.82 2.21 -0.69	42.59 2.08 -0.44	44.14 2.27 -0.48	44.61 2.38 -1.12	49.09 3.03 -2.74	58.13 3.91 -4.67	64.39 2.86 -6.43	60.90 2.53 -3.32	55.45 2.36 -3.85	53.23 2.16 -2.03	48.91 1.88 -1.19	44.96 1.69 0.00	42.52 1.48 0.00
BLUE_CIRC_CHEM_DRP 24182	36.42 1.50 0.00	35.80 1.48 0.00	32.88 1.36 0.00	31.13 1.28 0.00	33.82 1.39 0.00	37.05 1.42 0.00	43.52 1.53 -3.83	64.15 1.58 -20.96	62.33 1.58 -19.19	48.86 1.60 -6.14	46.37 1.63 -2.87	44.98 1.64 -2.42	43.21 1.60 -1.54	44.78 1.70 -1.71	46.70 1.64 -3.95	54.80 1.82 -9.67	68.05 2.08 -16.43	86.79 2.37 -29.32	71.89 2.37 -14.48	70.85 2.07 -19.54	61.29 2.11 -10.14	53.94 2.02 -6.07	45.26 1.99 0.00	42.81 1.76 0.00
BOC_GAS_DRP 24189	36.10 1.19 0.00	35.46 1.13 0.00	32.57 1.04 0.00	30.86 1.01 0.00	33.53 1.10 0.00	36.76 1.14 0.00	42.96 1.30 -3.51	62.19 1.37 -19.20	60.51 1.37 -17.58	48.38 1.40 -5.86	46.07 1.47 -2.74	44.71 1.47 -2.31	42.98 1.44 -1.47	44.50 1.49 -1.63	46.36 1.48 -3.77	54.14 1.60 -9.22	67.05 1.83 -15.67	84.46 2.04 -27.32	70.67 2.04 -13.59	68.91 1.77 -17.90	60.13 1.77 -9.32	53.11 1.70 -5.56	44.87 1.60 0.00	42.44 1.40 0.00
BOONVILLE_115KV_TB1 79983	35.16 0.24 0.00	34.56 0.24 0.00	31.78 0.25 0.00	30.08 0.24 0.00	32.65 0.23 0.00	35.98 0.36 0.00	38.77 0.61 0.00	42.40 0.79 0.00	42.31 0.75 0.00	41.70 0.58 0.00	42.45 0.59 0.00	41.41 0.49 0.00	40.51 0.44 0.00	41.92 0.54 0.00	41.68 0.58 0.00	44.00 0.69 0.00	50.49 0.94 0.00	56.20 1.10 0.00	55.98 0.94 0.00	50.13 0.89 0.00	49.88 0.83 0.00	46.53 0.69 0.00	43.83 0.56 0.00	41.54 0.49 0.00
BORALEX_4TH_BRANCH 23824	37.18 2.27 0.00	36.52 2.20 0.00	33.51 1.99 0.00	31.75 1.91 0.00	34.53 2.11 0.00	37.87 2.24 0.00	47.49 2.56 -6.78	81.35 2.70 -37.04	78.07 2.62 -33.89	52.83 2.63 -9.08	48.87 2.76 -4.24	47.21 2.70 -3.58	45.03 2.68 -2.28	46.59 2.69 -2.53	49.66 2.71 -5.84	60.50 2.90 -14.29	76.95 3.12 -24.29	106.88 3.53 -48.26	81.71 3.63 -23.04	87.06 3.25 -34.57	70.02 3.29 -17.69	59.76 3.16 -10.75	46.30 3.03 0.00	43.79 2.75 0.00
BOWLINE___1 23526	36.56 1.64 0.00	35.87 1.55 0.00	32.95 1.42 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.33 1.71 0.00	41.22 2.17 -0.89	48.96 2.50 -4.86	48.49 2.49 -4.43	46.29 2.55 -2.62	45.77 2.68 -1.22	44.61 2.66 -1.03	43.37 2.64 -0.66	44.84 2.73 -0.73	45.54 2.75 -1.69	50.29 2.86 -4.12	60.02 3.47 -7.01	68.56 4.02 -9.44	64.14 3.85 -5.25	57.15 3.40 -4.51	54.76 3.19 -2.53	50.19 2.94 -1.40	45.91 2.64 0.00	43.26 2.21 0.00
BOWLINE___2 23595	36.56 1.64 0.00	35.87 1.55 0.00	32.95 1.42 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.33 1.71 0.00	41.22 2.17 -0.89	48.96 2.50 -4.86	48.49 2.49 -4.43	46.29 2.55 -2.62	45.77 2.68 -1.22	44.61 2.66 -1.03	43.37 2.64 -0.66	44.84 2.73 -0.73	45.55 2.75 -1.69	50.29 2.86 -4.12	60.02 3.47 -7.01	68.56 4.02 -9.45	64.14 3.85 -5.25	57.15 3.40 -4.51	54.76 3.19 -2.53	50.19 2.94 -1.40	45.91 2.64 0.00	43.26 2.21 0.00
BRADY___115KV_TB2 356060	35.33 0.42 0.00	34.67 0.34 0.00	31.84 0.32 0.00	30.11 0.27 0.00	32.72 0.29 0.00	35.94 0.32 0.00	38.35 0.19 0.00	42.03 0.42 0.00	41.81 0.25 0.00	41.37 0.25 0.00	41.99 0.13 0.00	41.05 0.12 0.00	40.27 0.20 0.00	41.46 0.08 0.00	41.23 0.12 0.00	43.14 -0.17 0.00	49.20 -0.35 0.00	54.71 -0.39 0.00	54.82 -0.22 0.00	49.14 -0.10 0.00	49.09 0.05 0.00	45.80 -0.05 0.00	43.27 0.00 0.00	41.41 0.37 0.00
BRANSCOMB___SOLAR 323811	36.87 1.95 0.00	36.21 1.89 0.00	33.23 1.70 0.00	31.48 1.64 0.00	34.24 1.81 0.00	37.58 1.96 0.00	49.55 2.29 -9.11	93.92 2.45 -49.85	89.50 2.45 -45.48	54.97 2.43 -11.43	49.72 2.51 -5.34	47.89 2.46 -4.51	45.30 2.36 -2.86	47.00 2.44 -3.18	50.97 2.51 -7.36	63.64 2.34 -17.99	82.83 2.72 -30.56	121.51 3.14 -63.28	87.96 3.08 -29.84	98.45 2.76 -46.45	75.39 2.70 -23.65	62.80 2.52 -14.44	45.61 2.34 0.00	43.42 2.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.92 3.00 0.00	36.90 2.57 0.00	33.92 2.40 0.00	32.32 2.48 0.00	34.82 2.40 0.00	38.40 2.78 0.00	43.04 3.89 -0.99	51.18 4.37 -5.20	50.59 4.32 -4.70	48.01 4.11 -2.78	47.70 4.52 -1.31	46.49 4.46 -1.11	45.26 4.49 -0.71	47.95 4.63 -1.94	47.30 4.40 -1.80	56.46 4.72 -8.43	71.11 5.80 -15.77	74.45 6.61 -12.74	73.02 6.49 -11.48	67.18 5.56 -12.37	63.28 5.20 -9.04	60.66 4.77 -10.05	47.78 4.50 -0.01	44.78 3.74 0.00



BRISTLHL_115KV_TB1 79998	33.83 -1.08 0.00	33.33 -1.00 0.00	30.61 -0.91 0.00	28.95 -0.90 0.00	31.45 -0.97 0.00	34.59 -1.03 0.00	37.01 -1.14 0.00	40.40 -1.21 0.00	40.36 -1.21 0.00	39.89 -1.23 0.00	40.61 -1.26 0.00	39.65 -1.27 0.00	38.79 -1.28 0.00	40.14 -1.24 0.00	39.87 -1.23 0.00	42.10 -1.21 0.00	48.26 -1.29 0.00	53.66 -1.43 0.00	53.50 -1.54 0.00	47.86 -1.38 0.00	47.62 -1.42 0.00	44.52 -1.33 0.00	41.93 -1.34 0.00	39.77 -1.27 0.00
BROOKHAVEN___DRP 24191	37.74 2.83 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.17 2.33 0.00	34.66 2.24 0.00	38.01 2.39 0.00	42.73 3.59 -0.99	50.76 3.95 -5.20	50.13 3.87 -4.70	47.52 3.62 -2.78	47.36 4.19 -1.31	46.16 4.13 -1.11	45.10 4.33 -0.71	47.64 4.34 -1.92	46.81 3.90 -1.80	55.92 4.24 -8.36	70.48 5.30 -15.63	73.86 6.06 -12.70	72.37 5.94 -11.39	66.56 5.07 -12.25	62.69 4.71 -8.93	60.24 4.49 -9.91	47.48 4.20 -0.01	44.49 3.45 0.00
BROOKLYN_NAVY_YARD 23515	36.87 1.95 0.00	36.18 1.85 0.00	33.23 1.70 0.00	31.51 1.67 0.00	34.24 1.81 0.00	37.62 1.99 0.00	41.57 2.48 -0.94	49.70 2.95 -5.14	49.28 3.03 -4.69	47.02 3.12 -2.78	46.39 3.22 -1.30	45.21 3.19 -1.10	43.93 3.16 -0.70	45.46 3.31 -0.77	46.22 3.33 -1.79	51.15 3.47 -4.37	61.14 4.16 -7.43	69.96 4.85 -10.02	65.23 4.62 -5.57	58.01 3.99 -4.78	55.44 3.73 -2.68	50.77 3.44 -1.49	46.35 3.07 0.00	43.59 2.55 0.00
BROOKLYN___ARMY_DRP 323595	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
BROOKVLE_69_KV_TB1 55790	37.46 2.55 0.00	36.59 2.27 0.00	33.61 2.08 0.00	31.93 2.09 0.00	34.57 2.14 0.00	38.08 2.46 0.00	42.44 3.28 -1.00	50.57 3.70 -5.26	50.01 3.74 -4.71	47.60 3.70 -2.78	47.12 3.94 -1.31	45.92 3.89 -1.11	44.63 3.85 -0.71	48.05 4.01 -2.65	46.81 3.90 -1.80	58.39 4.16 -10.92	75.28 4.86 -20.88	74.84 5.45 -14.29	75.51 5.39 -15.07	70.81 4.68 -16.89	66.53 4.61 -12.87	65.27 4.17 -15.25	47.14 3.85 -0.02	44.29 3.24 0.00
BROOME_2_LFGE 323671	34.25 -0.66 0.00	33.77 -0.55 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.14 -0.42 -0.40	43.34 -0.54 -2.28	43.24 -0.42 -2.10	41.65 -0.54 -1.06	41.87 -0.50 -0.50	40.81 -0.53 -0.42	39.77 -0.56 -0.26	41.18 -0.49 -0.29	41.33 -0.45 -0.68	44.54 -0.43 -1.66	52.04 -0.34 -2.84	58.63 -0.38 -3.91	56.71 -0.44 -2.11	50.88 -0.44 -2.09	49.53 -0.64 -1.13	45.84 -0.64 -0.64	42.62 -0.65 0.00	40.51 -0.53 0.00
BROOME___LFGE 323600	34.25 -0.66 0.00	33.77 -0.55 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.14 -0.42 -0.40	43.34 -0.54 -2.28	43.24 -0.42 -2.10	41.65 -0.54 -1.06	41.87 -0.50 -0.50	40.81 -0.53 -0.42	39.77 -0.56 -0.26	41.18 -0.49 -0.29	41.33 -0.45 -0.68	44.54 -0.43 -1.66	52.04 -0.34 -2.84	58.63 -0.38 -3.91	56.71 -0.44 -2.11	50.88 -0.44 -2.09	49.53 -0.64 -1.13	45.84 -0.64 -0.64	42.62 -0.65 0.00	40.51 -0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	34.25 -0.66 0.00	33.60 -0.72 0.00	30.90 -0.63 0.00	29.22 -0.63 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.94 -0.67 0.00	40.77 -0.79 0.00	40.30 -0.82 0.00	40.95 -0.92 0.00	39.94 -0.98 0.00	39.07 -1.00 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	42.18 -1.13 0.00	48.21 -1.34 0.00	53.66 -1.43 0.00	53.67 -1.38 0.00	48.06 -1.18 0.00	47.92 -1.13 0.00	44.70 -1.15 0.00	42.15 -1.13 0.00	40.14 -0.90 0.00
BROWNSV1_27_KV_LOAD 356125	37.18 2.27 0.00	36.45 2.13 0.00	33.48 1.95 0.00	31.75 1.91 0.00	34.50 2.08 0.00	37.90 2.28 0.00	41.92 2.79 -0.98	50.00 3.29 -5.11	49.58 3.33 -4.69	47.35 3.45 -2.78	46.72 3.56 -1.30	45.58 3.56 -1.10	44.25 3.49 -0.70	45.79 3.64 -0.77	46.47 3.58 -1.79	51.49 3.81 -4.37	61.58 4.61 -7.43	70.54 5.23 -10.21	65.79 5.12 -5.63	58.62 4.38 -5.00	56.09 4.27 -2.78	51.20 3.81 -1.55	46.69 3.42 0.00	43.96 2.91 0.00
BURROWS___LYONSDAL 23803	34.95 0.03 0.00	34.36 0.03 0.00	31.59 0.06 0.00	29.87 0.03 0.00	32.43 0.00 0.00	35.77 0.14 0.00	38.50 0.34 0.00	42.15 0.54 0.00	42.02 0.46 0.00	41.45 0.33 0.00	42.16 0.29 0.00	41.13 0.20 0.00	40.23 0.16 0.00	41.63 0.25 0.00	41.39 0.29 0.00	43.74 0.43 0.00	50.14 0.59 0.00	55.87 0.77 0.00	55.65 0.61 0.00	49.83 0.59 0.00	49.58 0.54 0.00	46.26 0.41 0.00	43.58 0.30 0.00	41.25 0.21 0.00
CAITHNESS_CC_1 323624	37.71 2.79 0.00	36.66 2.34 0.00	33.73 2.21 0.00	32.23 2.39 0.00	34.66 2.24 0.00	38.01 2.39 0.00	42.65 3.55 -0.95	50.75 3.91 -5.23	50.13 3.87 -4.70	47.52 3.62 -2.78	47.32 4.15 -1.31	46.08 4.05 -1.11	45.02 4.25 -0.71	47.60 4.30 -1.92	47.01 4.11 -1.80	55.92 4.25 -8.36	70.37 5.20 -15.63	73.66 6.06 -12.51	72.26 5.89 -11.32	66.29 5.03 -12.02	62.48 4.61 -8.83	60.08 4.40 -9.83	47.39 4.11 -0.01	44.41 3.37 0.00
CALPINE BETH_PAGE_GT4 24209	37.57 2.65 0.00	36.62 2.30 0.00	33.64 2.11 0.00	31.99 2.15 0.00	34.57 2.14 0.00	38.12 2.49 0.00	42.58 3.43 -0.99	50.70 3.87 -5.22	50.13 3.87 -4.70	47.68 3.78 -2.78	47.28 4.10 -1.31	46.08 4.05 -1.11	44.78 4.01 -0.71	47.76 4.18 -2.20	46.93 4.03 -1.80	56.81 4.16 -9.34	72.24 5.05 -17.64	74.08 5.67 -13.31	73.46 5.61 -12.80	68.14 4.87 -14.03	64.10 4.61 -10.45	61.98 4.17 -11.96	47.31 4.02 -0.01	44.41 3.37 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.60 2.69 0.00	36.62 2.30 0.00	33.64 2.11 0.00	32.08 2.24 0.00	34.60 2.17 0.00	38.12 2.49 0.00	42.54 3.44 -0.95	50.73 3.87 -5.25	50.17 3.91 -4.70	47.68 3.78 -2.78	47.28 4.11 -1.31	46.04 4.01 -1.11	44.78 4.01 -0.71	47.76 4.18 -2.20	47.02 4.11 -1.80	56.81 4.16 -9.34	72.25 5.06 -17.64	74.00 5.78 -13.12	73.40 5.62 -12.74	67.97 4.92 -13.81	63.95 4.56 -10.34	61.91 4.17 -11.89	47.31 4.03 -0.01	44.41 3.37 0.00
CALPINE_BP_GT1 23823	37.60 2.69 0.00	36.62 2.30 0.00	33.64 2.11 0.00	32.08 2.24 0.00	34.60 2.17 0.00	38.12 2.49 0.00	42.54 3.44 -0.95	50.73 3.87 -5.25	50.17 3.91 -4.70	47.68 3.78 -2.78	47.28 4.11 -1.31	46.04 4.01 -1.11	44.78 4.01 -0.71	47.76 4.18 -2.20	47.02 4.11 -1.80	56.81 4.16 -9.34	72.25 5.06 -17.64	74.00 5.78 -13.12	73.40 5.62 -12.74	67.97 4.92 -13.81	63.95 4.56 -10.34	61.91 4.17 -11.89	47.31 4.03 -0.01	44.41 3.37 0.00
CALSPAN___DRP 24200	30.90 -4.02 0.00	30.86 -3.47 0.00	28.19 -3.34 0.00	26.56 -3.28 0.00	28.92 -3.50 0.00	31.99 -3.63 0.00	34.23 -3.93 0.00	36.57 -5.03 0.00	36.45 -5.11 0.00	36.13 -5.47 -0.48	35.26 -4.61 2.01	36.02 -4.75 0.16	35.22 -4.77 0.08	36.50 -4.76 0.12	36.03 -4.85 0.22	37.75 -5.02 0.54	40.14 -5.55 3.85	48.04 -6.34 0.72	47.85 -6.66 0.53	42.86 -5.81 0.57	42.79 -6.33 -0.07	40.25 -5.59 0.00	38.25 -5.02 0.00	37.06 -3.98 0.00

CALVERTON___SOLAR 323806	37.81 2.90 0.00	36.73 2.40 0.00	33.83 2.30 0.00	32.32 2.48 0.00	34.73 2.30 0.00	38.05 2.42 0.00	42.73 3.63 -0.95	50.87 4.03 -5.23	50.21 3.95 -4.70	47.52 3.62 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.18 4.41 -0.71	47.68 4.38 -1.92	47.05 4.15 -1.80	56.01 4.33 -8.36	70.58 5.40 -15.63	73.88 6.28 -12.51	72.42 6.05 -11.32	66.49 5.22 -12.03	62.58 4.71 -8.83	60.31 4.63 -9.84	47.52 4.24 -0.01	44.57 3.53 0.00
CANDIGU_WT_PWR 323617	31.91 -3.00 0.00	31.65 -2.68 0.00	28.98 -2.55 0.00	27.34 -2.51 0.00	29.73 -2.69 0.00	32.88 -2.74 0.00	35.59 -2.82 -0.25	39.59 -3.41 -1.39	41.29 -1.71 -1.43	39.92 -1.89 -0.69	26.01 -3.39 12.46	35.78 -3.44 1.70	35.63 -3.49 0.95	36.68 -3.48 1.22	35.16 -3.37 2.57	33.54 -3.42 6.35	18.06 -3.67 27.82	43.69 -4.08 7.33	45.17 -4.19 5.69	44.08 -3.64 1.52	45.78 -3.97 -0.70	42.53 -3.71 -0.40	39.81 -3.46 0.00	38.17 -2.87 0.00
CARR STREET_E_SYR 24060	34.04 -0.87 0.00	33.54 -0.79 0.00	30.80 -0.72 0.00	29.13 -0.72 0.00	31.65 -0.78 0.00	34.84 -0.78 0.00	37.32 -0.84 0.00	40.61 -1.00 0.00	40.61 -0.95 0.00	40.13 -0.99 0.00	40.86 -1.01 0.00	39.94 -0.98 0.00	39.03 -1.04 0.00	40.39 -0.99 0.00	40.16 -0.94 0.00	42.36 -0.95 0.00	48.50 -1.04 0.00	53.94 -1.16 0.00	53.83 -1.21 0.00	48.16 -1.08 0.00	47.92 -1.13 0.00	44.74 -1.10 0.00	42.19 -1.08 0.00	40.02 -1.02 0.00
CARTHAGE___PAPER 23857	34.32 -0.59 0.00	33.71 -0.62 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.81 -0.62 0.00	35.12 -0.50 0.00	37.85 -0.31 0.00	41.57 -0.04 0.00	41.40 -0.17 0.00	40.75 -0.37 0.00	41.45 -0.42 0.00	40.35 -0.57 0.00	39.43 -0.64 0.00	40.88 -0.49 0.00	40.65 -0.45 0.00	42.96 -0.35 0.00	49.25 -0.30 0.00	54.93 -0.16 0.00	54.71 -0.33 0.00	49.05 -0.20 0.00	48.80 -0.24 0.00	45.48 -0.37 0.00	42.76 -0.52 0.00	40.47 -0.57 0.00
CASSADAGA_WT_PWR 323784	30.06 -4.85 0.00	30.00 -4.33 0.00	27.37 -4.16 0.00	25.79 -4.06 0.00	28.11 -4.31 0.00	31.24 -4.38 0.00	33.50 -4.66 0.00	36.03 -5.57 0.00	35.87 -5.69 0.00	35.62 -6.00 -0.51	35.31 -5.15 1.41	35.58 -5.28 0.06	34.80 -5.25 0.02	35.96 -5.38 0.04	35.73 -5.30 0.07	37.61 -5.54 0.16	41.02 -6.10 2.43	48.22 -6.67 0.21	48.05 -6.83 0.17	43.06 -5.76 0.42	42.84 -6.28 -0.07	40.16 -5.69 0.00	38.17 -5.11 0.00	36.94 -4.10 0.00
CE_DUNWOOD___DRP 24194	36.87 1.96 0.00	36.14 1.82 0.00	33.20 1.67 0.00	31.49 1.64 0.00	34.21 1.78 0.00	37.62 1.99 0.00	41.61 2.48 -0.97	49.51 2.83 -5.08	49.09 2.87 -4.66	46.80 2.92 -2.76	46.21 3.06 -1.29	45.04 3.03 -1.09	43.77 3.01 -0.69	45.29 3.14 -0.77	45.96 3.08 -1.78	50.95 3.29 -4.35	60.85 3.91 -7.39	69.70 4.46 -10.14	65.04 4.40 -5.59	58.00 3.79 -4.97	55.49 3.68 -2.76	50.74 3.35 -1.54	46.30 3.03 0.00	43.59 2.54 0.00
CE_MILLWOOD___DRP 24193	36.76 1.85 0.00	36.07 1.75 0.00	33.14 1.61 0.00	31.43 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.53 2.40 -0.97	49.39 2.75 -5.04	48.93 2.74 -4.62	46.70 2.84 -2.74	46.08 2.93 -1.28	44.95 2.95 -1.08	43.64 2.88 -0.69	45.16 3.02 -0.76	45.83 2.96 -1.76	50.78 3.16 -4.31	60.64 3.77 -7.33	69.46 4.30 -10.06	64.83 4.24 -5.55	57.81 3.64 -4.93	55.37 3.58 -2.74	50.59 3.21 -1.53	46.21 2.94 0.00	43.51 2.46 0.00
CE_NYC2_DRP 24202	37.16 2.23 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.85 2.71 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.15 3.25 -2.78	46.51 3.35 -1.30	45.37 3.36 -1.10	44.09 3.33 -0.70	45.59 3.43 -0.77	46.26 3.37 -1.79	51.23 3.55 -4.37	61.19 4.21 -7.43	70.04 4.74 -10.21	65.35 4.68 -5.63	58.23 3.99 -5.00	55.70 3.87 -2.78	50.88 3.48 -1.55	46.47 3.20 0.00	43.79 2.75 0.00
CE_NYC_DRP 24195	36.97 2.06 0.00	36.25 1.92 0.00	33.33 1.80 0.00	31.57 1.73 0.00	34.31 1.88 0.00	37.69 2.07 0.00	41.68 2.56 -0.97	49.19 3.00 -4.58	48.79 3.03 -4.20	46.73 3.17 -2.44	46.20 3.27 -1.07	45.16 3.27 -0.96	43.94 3.21 -0.66	45.35 3.35 -0.62	45.97 3.29 -1.58	50.62 3.51 -3.81	59.86 4.21 -6.10	68.65 4.79 -8.76	63.71 4.68 -3.99	57.15 3.99 -3.92	54.79 3.87 -1.87	50.32 3.48 -0.99	46.17 3.12 0.22	43.57 2.63 0.10
CHAFFEE___LFGE 323603	31.07 -3.84 0.00	30.99 -3.33 0.00	28.31 -3.22 0.00	26.68 -3.16 0.00	29.05 -3.37 0.00	32.17 -3.45 0.00	34.42 -3.74 0.00	36.83 -4.78 0.00	36.62 -4.95 0.00	36.40 -5.22 -0.50	36.00 -4.31 1.55	36.42 -4.42 0.08	35.63 -4.41 0.03	36.85 -4.47 0.06	36.56 -4.44 0.10	38.43 -4.63 0.24	41.58 -5.20 2.77	48.92 -5.84 0.33	48.68 -6.11 0.25	43.42 -5.37 0.46	43.28 -5.84 -0.07	40.53 -5.32 0.00	38.51 -4.76 0.00	37.27 -3.78 0.00
CHATEAUG_35_KV_LOAD 355732	34.39 -0.52 0.00	33.71 -0.62 0.00	30.90 -0.63 0.00	29.25 -0.60 0.00	31.81 -0.62 0.00	34.95 -0.68 0.00	37.13 -1.03 0.00	40.69 -0.92 0.00	40.48 -1.08 0.00	40.13 -0.99 0.00	40.78 -1.09 0.00	39.82 -1.10 0.00	39.07 -1.00 0.00	40.22 -1.16 0.00	39.91 -1.19 0.00	41.97 -1.34 0.00	47.81 -1.73 0.00	53.17 -1.93 0.00	53.45 -1.60 0.00	47.86 -1.38 0.00	47.87 -1.18 0.00	44.70 -1.15 0.00	42.28 -1.00 0.00	40.43 -0.62 0.00
CHATEAUG_WT_PWR 323614	34.22 -0.70 0.00	33.54 -0.79 0.00	30.77 -0.76 0.00	29.10 -0.74 0.00	31.65 -0.78 0.00	34.81 -0.82 0.00	36.90 -1.26 0.00	40.44 -1.16 0.00	40.27 -1.29 0.00	39.93 -1.19 0.00	40.53 -1.34 0.00	39.61 -1.31 0.00	38.83 -1.24 0.00	40.01 -1.36 0.00	39.63 -1.48 0.00	41.71 -1.60 0.00	47.56 -1.98 0.00	52.89 -2.21 0.00	53.06 -1.98 0.00	47.52 -1.72 0.00	47.52 -1.52 0.00	44.47 -1.37 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
CHAT_HIGH_FALL_HYD 323578	34.39 -0.52 0.00	33.71 -0.62 0.00	30.90 -0.63 0.00	29.25 -0.60 0.00	31.81 -0.62 0.00	34.95 -0.68 0.00	37.13 -1.03 0.00	40.69 -0.92 0.00	40.48 -1.08 0.00	40.13 -0.99 0.00	40.78 -1.09 0.00	39.82 -1.10 0.00	39.07 -1.00 0.00	40.22 -1.16 0.00	39.91 -1.19 0.00	41.97 -1.34 0.00	47.81 -1.73 0.00	53.17 -1.93 0.00	53.45 -1.60 0.00	47.86 -1.38 0.00	47.87 -1.18 0.00	44.70 -1.15 0.00	42.28 -1.00 0.00	40.43 -0.62 0.00
CHAUTAUQUA___LFGE 323629	30.62 -4.30 0.00	30.58 -3.74 0.00	27.90 -3.62 0.00	26.29 -3.55 0.00	28.63 -3.79 0.00	31.74 -3.88 0.00	34.00 -4.16 0.00	36.45 -5.16 0.00	36.20 -5.36 0.00	35.94 -5.67 -0.49	35.17 -4.86 1.84	35.84 -4.95 0.13	35.08 -4.93 0.06	36.27 -5.01 0.10	35.95 -4.98 0.18	37.64 -5.24 0.43	40.29 -5.80 3.46	48.08 -6.45 0.57	47.95 -6.66 0.43	42.95 -5.76 0.53	43.03 -6.08 -0.07	40.30 -5.55 0.00	38.34 -4.93 0.00	37.10 -3.94 0.00
CHERRYST_13_KV_LD 356241	37.04 2.13 0.00	36.31 1.99 0.00	33.39 1.86 0.00	31.66 1.82 0.00	34.37 1.95 0.00	37.80 2.17 0.00	41.76 2.63 -0.97	49.31 3.12 -4.58	48.96 3.20 -4.20	46.89 3.33 -2.44	46.37 3.43 -1.07	45.28 3.40 -0.96	44.10 3.37 -0.66	45.52 3.52 -0.62	46.14 3.45 -1.58	50.75 3.64 -3.81	60.06 4.41 -6.10	68.81 4.96 -8.76	63.87 4.84 -3.99	57.30 4.14 -3.92	54.94 4.02 -1.87	50.41 3.58 -0.99	46.30 3.25 0.22	43.66 2.71 0.10

CHESTROR_138KV_BK263 355645	36.28 1.36 0.00	35.59 1.27 0.00	32.70 1.17 0.00	30.98 1.13 0.00	33.69 1.26 0.00	37.05 1.42 0.00	40.90 1.87 -0.87	48.29 2.12 -4.55	47.87 2.12 -4.18	45.76 2.18 -2.46	45.28 2.26 -1.15	44.14 2.25 -0.97	42.89 2.20 -0.62	44.38 2.32 -0.68	44.95 2.26 -1.58	49.60 2.43 -3.87	59.09 2.97 -6.57	67.47 3.36 -9.02	63.37 3.36 -4.97	56.53 2.86 -4.43	54.30 2.80 -2.46	49.70 2.48 -1.38	45.52 2.25 0.00	42.89 1.85 0.00
CH_MIDHUDSON___DRP 24192	36.94 2.03 0.00	36.28 1.96 0.00	33.29 1.77 0.00	31.55 1.70 0.00	34.31 1.88 0.00	37.80 2.17 0.00	41.87 2.63 -1.08	50.18 2.95 -5.62	49.67 2.95 -5.15	47.03 3.00 -2.90	46.32 3.10 -1.36	45.18 3.11 -1.15	43.84 3.05 -0.73	45.37 3.19 -0.81	46.10 3.12 -1.87	51.22 3.33 -4.57	61.33 4.01 -7.77	70.54 4.52 -10.92	65.53 4.51 -5.97	58.65 3.89 -5.52	55.91 3.83 -3.05	51.04 3.48 -1.72	46.43 3.16 0.00	43.75 2.71 0.00
CH_MISC_IPPS 23765	37.01 2.09 0.00	36.31 1.99 0.00	33.32 1.80 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.83 2.21 0.00	41.99 2.82 -1.01	50.24 3.12 -5.51	49.75 3.16 -5.03	47.12 3.17 -2.83	46.46 3.27 -1.32	45.27 3.23 -1.12	43.99 3.21 -0.71	45.48 3.31 -0.79	46.25 3.33 -1.82	51.27 3.51 -4.45	61.42 4.31 -7.57	70.41 4.90 -10.41	65.67 4.90 -5.73	58.60 4.24 -5.13	55.91 4.02 -2.85	51.11 3.67 -1.59	46.56 3.29 0.00	43.87 2.83 0.00
CH_RES_BVR_FALLS 23983	34.50 -0.42 0.00	33.88 -0.45 0.00	31.12 -0.41 0.00	29.46 -0.39 0.00	32.00 -0.42 0.00	35.16 -0.46 0.00	37.59 -0.57 0.00	41.07 -0.54 0.00	40.98 -0.58 0.00	40.58 -0.54 0.00	41.28 -0.59 0.00	40.35 -0.57 0.00	39.51 -0.56 0.00	40.80 -0.58 0.00	40.49 -0.62 0.00	42.62 -0.69 0.00	48.70 -0.84 0.00	54.16 -0.94 0.00	54.16 -0.88 0.00	48.51 -0.74 0.00	48.36 -0.69 0.00	45.20 -0.64 0.00	42.71 -0.56 0.00	40.59 -0.45 0.00
CH_RES_NIAGARA 23895	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.01 -5.15 0.00	34.99 -6.62 0.00	35.08 -6.48 0.00	34.73 -6.83 -0.43	34.08 -6.28 1.51	34.20 -6.63 0.09	33.38 -6.65 0.04	34.61 -6.70 0.07	34.24 -6.74 0.12	36.13 -6.89 0.30	38.95 -7.83 2.77	45.61 -9.09 0.40	45.50 -9.25 0.30	40.50 -8.27 0.47	40.77 -8.34 -0.06	38.42 -7.43 0.00	36.61 -6.66 0.00	35.63 -5.42 0.00
CH_RES_SYRACUSE 23985	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.05 -0.57 0.00	37.54 -0.61 0.00	40.90 -0.71 0.00	40.86 -0.71 0.00	40.39 -0.74 -0.01	41.11 -0.75 0.00	40.19 -0.74 0.00	39.31 -0.76 0.00	40.64 -0.74 0.00	40.41 -0.70 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.82 0.00	48.55 -0.74 -0.04	48.26 -0.79 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00
CLINTON_WT_PWR 323605	34.22 -0.70 0.00	33.54 -0.79 0.00	30.77 -0.76 0.00	29.10 -0.74 0.00	31.65 -0.78 0.00	34.81 -0.82 0.00	36.90 -1.26 0.00	40.44 -1.16 0.00	40.27 -1.29 0.00	39.93 -1.19 0.00	40.53 -1.34 0.00	39.61 -1.31 0.00	38.83 -1.24 0.00	40.01 -1.36 0.00	39.63 -1.48 0.00	41.71 -1.60 0.00	47.56 -1.98 0.00	52.89 -2.21 0.00	53.06 -1.98 0.00	47.52 -1.72 0.00	47.52 -1.52 0.00	44.47 -1.37 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
CLINTON___LFGE 323618	34.78 -0.14 0.00	34.05 -0.28 0.00	31.21 -0.32 0.00	29.52 -0.33 0.00	32.10 -0.32 0.00	35.34 -0.29 0.00	37.35 -0.80 0.00	40.99 -0.62 0.00	40.73 -0.83 0.00	40.42 -0.70 0.00	41.07 -0.80 0.00	40.14 -0.78 0.00	39.35 -0.72 0.00	40.55 -0.83 0.00	40.12 -0.99 0.00	42.23 -1.08 0.00	48.16 -1.39 0.00	53.61 -1.49 0.00	53.94 -1.10 0.00	48.26 -0.98 0.00	48.26 -0.79 0.00	45.11 -0.74 0.00	42.62 -0.65 0.00	40.92 -0.12 0.00
COBBLENY_34_KV_TB1 80064	31.07 -3.84 0.00	30.99 -3.33 0.00	28.31 -3.22 0.00	26.71 -3.13 0.00	29.05 -3.37 0.00	32.17 -3.46 0.00	34.42 -3.74 0.00	36.82 -4.79 0.00	36.74 -4.82 0.00	36.40 -5.22 -0.50	36.05 -4.27 1.55	36.42 -4.42 0.08	35.59 -4.45 0.03	36.89 -4.43 0.06	36.48 -4.52 0.10	38.39 -4.68 0.24	41.63 -5.15 2.77	48.87 -5.90 0.33	48.63 -6.16 0.25	43.42 -5.37 0.46	43.08 -6.03 -0.07	40.53 -5.32 0.00	38.51 -4.76 0.00	37.27 -3.78 0.00
COFFEEN___115KV_TB3 355620	34.56 -0.35 0.00	33.98 -0.34 0.00	31.28 -0.25 0.00	29.58 -0.27 0.00	32.07 -0.36 0.00	35.44 -0.18 0.00	38.27 0.11 0.00	42.07 0.46 0.00	41.85 0.29 0.00	41.16 0.04 0.00	41.91 0.04 0.00	40.76 -0.16 0.00	39.83 -0.24 0.00	41.34 -0.04 0.00	41.15 0.04 0.00	43.53 0.22 0.00	50.09 0.55 0.00	55.87 0.77 0.00	55.54 0.50 0.00	49.78 0.54 0.00	49.49 0.44 0.00	46.07 0.23 0.00	43.32 0.04 0.00	40.96 -0.08 0.00
COLDSPRG_115KV_BK1 355956	31.49 -3.42 0.00	31.44 -2.88 0.00	28.69 -2.84 0.00	27.01 -2.84 0.00	29.47 -2.95 0.00	32.70 -2.92 0.00	35.10 -3.05 0.00	37.82 -3.79 0.00	37.91 -3.66 0.00	37.62 -4.03 -0.53	38.17 -2.97 0.72	37.83 -3.15 -0.06	36.91 -3.21 -0.05	38.19 -3.23 -0.04	37.97 -3.25 -0.11	40.25 -3.33 -0.28	45.18 -3.57 0.80	51.38 -4.08 -0.36	50.99 -4.29 -0.24	45.39 -3.59 0.26	44.46 -4.66 -0.08	41.81 -4.03 0.00	39.64 -3.63 0.00	38.25 -2.79 0.00
COLONIE_LFGE___ 323577	36.66 1.74 0.00	36.00 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.33 1.71 0.00	48.05 1.94 -7.95	87.21 2.08 -43.52	83.35 2.08 -39.71	53.48 2.10 -10.27	48.84 2.18 -4.80	47.14 2.17 -4.05	44.77 2.12 -2.57	46.43 2.19 -2.86	49.89 2.18 -6.61	61.72 2.25 -16.16	79.54 2.53 -27.46	113.79 2.86 -55.83	84.37 2.86 -26.46	92.35 2.56 -40.55	72.28 2.55 -20.69	60.88 2.43 -12.61	45.56 2.29 0.00	43.14 2.09 0.00
COOPERNY_115KV_TB1 80082	35.82 0.91 0.00	35.18 0.86 0.00	32.32 0.79 0.00	30.62 0.78 0.00	33.27 0.84 0.00	36.58 0.96 0.00	40.17 1.30 -0.72	46.85 1.46 -3.79	46.54 1.50 -3.48	44.67 1.52 -2.03	44.40 1.59 -0.95	43.28 1.56 -0.80	42.10 1.52 -0.51	43.56 1.61 -0.56	44.01 1.60 -1.30	48.23 1.73 -3.19	57.05 2.08 -5.42	64.92 2.42 -7.40	61.48 2.37 -4.07	54.91 2.02 -3.65	53.03 1.96 -2.03	48.72 1.74 -1.13	44.83 1.56 0.00	42.32 1.27 0.00
COPENHAGEN_WT_PWR 323753	34.35 -0.56 0.00	33.74 -0.58 0.00	31.06 -0.47 0.00	29.37 -0.48 0.00	31.87 -0.55 0.00	35.16 -0.46 0.00	37.93 -0.23 0.00	41.61 0.00 0.00	41.48 -0.08 0.00	40.83 -0.29 0.00	41.58 -0.29 0.00	40.47 -0.45 0.00	39.55 -0.52 0.00	41.01 -0.37 0.00	40.82 -0.29 0.00	43.14 -0.17 0.00	49.55 0.00 0.00	55.21 0.11 0.00	54.93 -0.11 0.00	49.24 0.00 0.00	49.00 -0.05 0.00	45.62 -0.23 0.00	42.92 -0.35 0.00	40.59 -0.45 0.00
CORNELL_____ 23752	34.81 -0.10 0.00	34.25 -0.07 0.00	31.47 -0.06 0.00	29.75 -0.09 0.00	32.33 -0.10 0.00	35.66 0.04 0.00	38.67 0.23 -0.29	43.21 0.04 -1.56	41.73 0.17 0.00	41.74 0.04 -0.58	42.14 0.00 -0.27	41.15 0.00 -0.23	40.13 -0.08 -0.15	41.54 0.00 -0.16	41.48 0.00 -0.37	44.39 0.17 -0.91	51.49 0.40 -1.55	58.54 0.72 -2.73	57.11 0.61 -1.46	51.28 0.54 -1.50	50.19 0.34 -0.80	46.58 0.28 -0.46	43.40 0.13 0.00	41.17 0.12 0.00

CORONA__69_KV_TB1 355595	37.50 2.58 0.00	36.59 2.27 0.00	33.61 2.08 0.00	31.96 2.12 0.00	34.53 2.11 0.00	38.08 2.46 0.00	42.48 3.32 -1.00	50.54 3.66 -5.27	50.02 3.74 -4.71	47.60 3.70 -2.78	47.16 3.98 -1.32	45.97 3.93 -1.12	44.63 3.85 -0.72	48.14 3.93 -2.83	46.82 3.90 -1.81	58.95 4.11 -11.53	76.58 4.91 -22.13	75.28 5.51 -14.67	76.44 5.45 -15.95	72.06 4.83 -17.99	67.42 4.56 -13.81	66.55 4.17 -16.53	47.23 3.94 -0.02	44.37 3.32 0.00
CORTLAND__115KV_TB3 80093	34.63 -0.28 0.00	34.12 -0.21 0.00	31.34 -0.19 0.00	29.64 -0.21 0.00	32.20 -0.23 0.00	35.48 -0.14 0.00	38.12 -0.04 0.00	41.53 -0.08 0.00	41.56 0.00 0.00	41.54 -0.08 -0.50	42.01 -0.08 -0.23	41.00 -0.12 -0.20	39.99 -0.12 -0.12	41.39 -0.12 -0.14	41.30 -0.12 -0.32	44.09 0.00 -0.78	51.02 0.15 -1.32	56.43 0.22 -1.11	56.00 0.17 -0.79	49.36 0.10 -0.02	49.07 -0.05 -0.08	45.75 -0.09 0.00	43.10 -0.17 0.00	40.92 -0.12 0.00
COXSACKIE__GT 23611	37.85 2.93 0.00	37.21 2.88 0.00	34.14 2.62 0.00	32.26 2.42 0.00	35.21 2.79 0.00	38.65 3.03 0.00	45.10 3.28 -3.66	65.22 3.50 -20.12	63.33 3.41 -18.35	50.20 3.21 -5.87	47.75 3.14 -2.74	46.31 3.07 -2.32	44.55 3.01 -1.47	46.12 3.10 -1.63	48.09 3.21 -3.78	56.20 3.64 -9.25	69.81 4.56 -15.71	88.29 5.12 -28.07	74.30 5.40 -13.86	72.50 4.58 -18.68	63.15 4.42 -9.69	55.64 3.99 -5.81	47.39 4.11 0.00	44.78 3.73 0.00
CPV_VALLEY__CC1 323721	36.00 1.08 0.00	35.35 1.03 0.00	32.47 0.94 0.00	30.77 0.93 0.00	33.43 1.01 0.00	36.76 1.14 0.00	40.45 1.53 -0.76	47.50 1.71 -4.19	47.13 1.75 -3.82	45.18 1.81 -2.26	44.81 1.89 -1.05	43.70 1.88 -0.89	42.48 1.84 -0.57	43.95 1.95 -0.63	44.49 1.93 -1.45	48.90 2.04 -3.55	58.06 2.48 -6.03	66.07 2.86 -8.11	62.35 2.81 -4.50	55.54 2.41 -3.89	53.47 2.26 -2.17	49.07 2.01 -1.21	45.13 1.86 0.00	42.56 1.52 0.00
CPV_VALLEY__CC2 323722	36.00 1.08 0.00	35.35 1.03 0.00	32.47 0.94 0.00	30.77 0.93 0.00	33.43 1.01 0.00	36.76 1.14 0.00	40.45 1.53 -0.76	47.50 1.71 -4.19	47.13 1.75 -3.82	45.18 1.81 -2.26	44.81 1.89 -1.05	43.70 1.88 -0.89	42.48 1.84 -0.57	43.95 1.95 -0.63	44.49 1.93 -1.45	48.90 2.04 -3.55	58.06 2.48 -6.03	66.07 2.86 -8.11	62.35 2.81 -4.50	55.54 2.41 -3.89	53.47 2.26 -2.17	49.07 2.01 -1.21	45.13 1.86 0.00	42.56 1.52 0.00
CRESCENT__HYD 24018	36.66 1.74 0.00	36.00 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.33 1.71 0.00	48.05 1.94 -7.95	87.21 2.08 -43.52	83.35 2.08 -39.71	53.48 2.10 -10.27	48.84 2.18 -4.80	47.14 2.17 -4.05	44.77 2.12 -2.57	46.43 2.19 -2.86	49.89 2.18 -6.61	61.72 2.25 -16.16	79.54 2.53 -27.46	113.79 2.86 -55.83	84.37 2.86 -26.46	92.35 2.56 -40.55	72.28 2.55 -20.69	60.88 2.43 -12.61	45.56 2.29 0.00	43.14 2.09 0.00
CRICKET__VALLEY_CC1 323756	36.80 1.88 0.00	36.11 1.78 0.00	33.17 1.64 0.00	31.42 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.59 2.29 -1.14	50.41 2.54 -6.26	49.82 2.54 -5.72	46.83 2.59 -3.12	46.09 2.76 -1.46	44.86 2.70 -1.23	43.58 2.73 -0.78	45.02 2.77 -0.87	45.91 2.80 -2.01	51.13 2.90 -4.92	61.22 3.32 -8.35	70.59 3.86 -11.63	65.16 3.74 -6.37	58.37 3.30 -5.83	55.50 3.24 -3.22	50.73 3.07 -1.81	46.08 2.81 0.00	43.47 2.42 0.00
CRICKET__VALLEY_CC2 323757	36.80 1.88 0.00	36.11 1.78 0.00	33.17 1.64 0.00	31.42 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.59 2.29 -1.14	50.41 2.54 -6.26	49.82 2.54 -5.72	46.83 2.59 -3.12	46.09 2.76 -1.46	44.86 2.70 -1.23	43.58 2.73 -0.78	45.02 2.77 -0.87	45.91 2.80 -2.01	51.13 2.90 -4.92	61.22 3.32 -8.35	70.59 3.86 -11.63	65.16 3.74 -6.37	58.37 3.30 -5.83	55.50 3.24 -3.22	50.73 3.07 -1.81	46.08 2.81 0.00	43.47 2.42 0.00
CRICKET__VALLEY_CC3 323758	36.80 1.88 0.00	36.11 1.78 0.00	33.17 1.64 0.00	31.42 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.59 2.29 -1.14	50.41 2.54 -6.26	49.82 2.54 -5.72	46.83 2.59 -3.12	46.09 2.76 -1.46	44.86 2.70 -1.23	43.58 2.73 -0.78	45.02 2.77 -0.87	45.91 2.80 -2.01	51.13 2.90 -4.92	61.22 3.32 -8.35	70.59 3.86 -11.63	65.16 3.74 -6.37	58.37 3.30 -5.83	55.50 3.24 -3.22	50.73 3.07 -1.81	46.08 2.81 0.00	43.47 2.42 0.00
CRUCIBLE__METL_DRP 24180	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.05 -0.57 0.00	37.55 -0.61 0.00	40.90 -0.71 0.00	40.90 -0.67 0.00	40.39 -0.74 -0.01	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.41 -0.70 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.55 -0.74 -0.04	48.26 -0.78 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00
DAHOWA__HYDRO 323763	36.94 2.02 0.00	36.28 1.96 0.00	33.29 1.76 0.00	31.51 1.67 0.00	34.31 1.88 0.00	37.69 2.07 0.00	49.84 2.41 -9.28	94.97 2.58 -50.78	90.51 2.62 -46.32	55.31 2.59 -11.60	49.92 2.64 -5.42	48.08 2.58 -4.58	45.46 2.49 -2.91	47.21 2.61 -3.23	51.20 2.63 -7.46	63.94 2.38 -18.25	83.34 2.77 -31.02	122.65 3.19 -64.36	88.56 3.19 -30.33	99.36 2.81 -47.31	75.82 2.70 -24.08	63.12 2.57 -14.71	45.61 2.34 0.00	43.51 2.46 0.00
DANC__LFGE 323619	34.15 -0.77 0.00	33.57 -0.76 0.00	30.87 -0.66 0.00	29.19 -0.66 0.00	31.71 -0.71 0.00	34.91 -0.71 0.00	37.51 -0.65 0.00	41.07 -0.54 0.00	40.98 -0.58 0.00	40.42 -0.70 0.00	41.15 -0.71 0.00	40.10 -0.82 0.00	39.23 -0.84 0.00	40.64 -0.74 0.00	40.45 -0.66 0.00	42.66 -0.65 0.00	48.95 -0.59 0.00	54.49 -0.60 0.00	54.27 -0.77 0.00	48.60 -0.64 0.00	48.36 -0.69 0.00	45.11 -0.74 0.00	42.54 -0.74 0.00	40.26 -0.78 0.00
DANSKAMMER__1 23586	37.01 2.09 0.00	36.31 1.99 0.00	33.32 1.80 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.83 2.21 0.00	41.99 2.82 -1.01	50.24 3.12 -5.51	49.75 3.16 -5.03	47.12 3.17 -2.83	46.46 3.27 -1.32	45.27 3.23 -1.12	43.99 3.21 -0.71	45.48 3.31 -0.79	46.25 3.33 -1.82	51.27 3.51 -4.45	61.42 4.31 -7.57	70.41 4.90 -10.41	65.67 4.90 -5.73	58.60 4.24 -5.13	55.91 4.02 -2.85	51.11 3.67 -1.59	46.56 3.29 0.00	43.87 2.83 0.00
DANSKAMMER__2 23589	37.01 2.09 0.00	36.31 1.99 0.00	33.32 1.80 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.83 2.21 0.00	41.99 2.82 -1.01	50.24 3.12 -5.51	49.75 3.16 -5.03	47.12 3.17 -2.83	46.46 3.27 -1.32	45.27 3.23 -1.12	43.99 3.21 -0.71	45.48 3.31 -0.79	46.25 3.33 -1.82	51.27 3.51 -4.45	61.42 4.31 -7.57	70.41 4.90 -10.41	65.67 4.90 -5.73	58.60 4.24 -5.13	55.91 4.02 -2.85	51.11 3.67 -1.59	46.56 3.29 0.00	43.87 2.83 0.00
DANSKAMMER__3 23590	37.01 2.09 0.00	36.31 1.99 0.00	33.32 1.80 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.83 2.21 0.00	41.99 2.82 -1.01	50.24 3.12 -5.51	49.75 3.16 -5.03	47.12 3.17 -2.83	46.46 3.27 -1.32	45.27 3.23 -1.12	43.99 3.21 -0.71	45.48 3.31 -0.79	46.25 3.33 -1.82	51.27 3.51 -4.45	61.42 4.31 -7.57	70.41 4.90 -10.41	65.67 4.90 -5.73	58.60 4.24 -5.13	55.91 4.02 -2.85	51.11 3.67 -1.59	46.56 3.29 0.00	43.87 2.83 0.00

DANSKAMMER___4 23591	37.01 2.09 0.00	36.31 1.99 0.00	33.32 1.80 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.83 2.21 0.00	41.99 2.82 -1.01	50.24 3.12 -5.51	49.75 3.16 -5.03	47.12 3.17 -2.83	46.46 3.27 -1.32	45.27 3.23 -1.12	43.99 3.21 -0.71	45.48 3.31 -0.79	46.25 3.33 -1.82	51.27 3.51 -4.45	61.42 4.31 -7.57	70.41 4.90 -10.41	65.67 4.90 -5.73	58.60 4.24 -5.13	55.91 4.02 -2.85	51.11 3.67 -1.59	46.56 3.29 0.00	43.87 2.83 0.00
DANSKAMMER___DIESEL 23592	36.97 2.06 0.00	36.31 1.99 0.00	33.33 1.80 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.83 2.21 0.00	42.03 2.82 -1.05	50.21 3.12 -5.48	49.75 3.16 -5.03	47.12 3.17 -2.83	46.45 3.27 -1.32	45.27 3.23 -1.12	43.94 3.17 -0.71	45.48 3.31 -0.79	46.21 3.29 -1.82	51.27 3.51 -4.45	61.38 4.26 -7.57	70.54 4.85 -10.59	65.68 4.84 -5.79	58.76 4.19 -5.33	56.06 4.07 -2.95	51.17 3.67 -1.66	46.56 3.29 0.00	43.88 2.83 0.00
DARBY___SOLAR 323810	36.87 1.95 0.00	36.24 1.92 0.00	33.26 1.73 0.00	31.48 1.64 0.00	34.24 1.81 0.00	37.62 1.99 0.00	49.56 2.29 -9.12	93.96 2.45 -49.90	89.58 2.49 -45.52	55.02 2.47 -11.43	49.76 2.55 -5.34	47.93 2.50 -4.51	45.34 2.40 -2.87	47.08 2.52 -3.18	51.01 2.55 -7.36	63.69 2.38 -18.00	82.86 2.72 -30.59	121.57 3.14 -63.33	88.04 3.14 -29.86	98.49 2.76 -46.49	75.41 2.70 -23.67	62.82 2.52 -14.45	45.61 2.34 0.00	43.47 2.42 0.00
DASHVILLE___HYD 23610	37.25 2.34 0.00	36.59 2.27 0.00	33.58 2.05 0.00	31.78 1.94 0.00	34.63 2.20 0.00	38.15 2.53 0.00	43.20 3.40 -1.65	54.44 3.79 -9.04	53.63 3.78 -8.29	48.42 3.78 -3.51	47.32 3.81 -1.64	46.07 3.76 -1.39	44.64 3.69 -0.88	46.20 3.85 -0.98	47.19 3.82 -2.26	53.00 4.16 -5.53	64.20 5.25 -9.40	75.51 5.90 -14.52	68.68 6.05 -7.58	62.82 5.17 -8.41	58.49 4.95 -4.49	52.86 4.40 -2.62	47.34 4.07 0.00	44.53 3.49 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.92 3.00 0.00	36.83 2.51 0.00	33.89 2.36 0.00	32.29 2.45 0.00	34.76 2.33 0.00	38.08 2.46 0.00	42.96 3.82 -0.99	51.05 4.24 -5.20	50.34 4.07 -4.70	47.64 3.74 -2.78	47.40 4.23 -1.31	46.20 4.17 -1.11	45.22 4.45 -0.71	47.73 4.43 -1.92	46.89 3.99 -1.80	56.09 4.42 -8.37	70.78 5.60 -15.63	74.13 6.34 -12.70	72.65 6.22 -11.39	66.81 5.32 -12.25	62.84 4.86 -8.94	60.48 4.72 -9.91	47.57 4.28 -0.01	44.74 3.69 0.00
DELAWARE___LFGE 323621	35.72 0.80 0.00	35.15 0.82 0.00	32.29 0.76 0.00	30.56 0.72 0.00	33.20 0.78 0.00	36.55 0.93 0.00	40.71 1.22 -1.33	50.24 1.41 -7.22	49.80 1.45 -6.78	44.94 1.36 -2.46	44.44 1.42 -1.15	43.24 1.35 -0.97	41.97 1.28 -0.62	43.47 1.41 -0.68	44.04 1.36 -1.58	48.78 1.60 -3.87	58.11 1.98 -6.58	68.06 2.20 -10.76	62.58 1.82 -5.44	57.83 1.72 -6.77	54.31 1.56 -3.55	49.51 1.38 -2.10	44.66 1.38 0.00	42.28 1.23 0.00
DERFIELD_115KV_TB7 355931	35.02 0.10 0.00	34.43 0.10 0.00	31.62 0.09 0.00	29.93 0.09 0.00	32.52 0.10 0.00	35.73 0.11 0.00	38.31 0.15 0.00	41.78 0.17 0.00	41.73 0.17 0.00	41.28 0.16 0.00	42.08 0.21 0.00	41.13 0.20 0.00	40.23 0.16 0.00	41.59 0.21 0.00	41.31 0.21 0.00	43.53 0.22 0.00	49.79 0.25 0.00	55.43 0.33 0.00	55.32 0.28 0.00	49.49 0.25 0.00	49.24 0.20 0.00	46.07 0.23 0.00	43.49 0.22 0.00	41.21 0.16 0.00
DOGLEVILLE___HYD 23807	34.39 -0.52 0.00	33.77 -0.55 0.00	31.06 -0.47 0.00	29.40 -0.45 0.00	31.94 -0.49 0.00	35.09 -0.53 0.00	37.66 -0.50 0.00	40.69 -0.92 0.00	40.53 -1.04 0.00	40.01 -1.11 0.00	40.78 -1.09 0.00	39.82 -1.10 0.00	38.95 -1.12 0.00	40.26 -1.12 0.00	40.04 -1.07 0.00	42.36 -0.95 0.00	49.00 -0.54 0.00	54.55 -0.55 0.00	54.44 -0.60 0.00	48.75 -0.49 0.00	48.51 -0.54 0.00	45.39 -0.46 0.00	42.84 -0.43 0.00	40.63 -0.41 0.00
DUNKIRK___115KV_TB_200 55889	30.69 -4.22 0.00	30.62 -3.71 0.00	27.97 -3.56 0.00	26.35 -3.49 0.00	28.70 -3.73 0.00	31.81 -3.81 0.00	34.07 -4.08 0.00	36.45 -5.16 0.00	36.37 -5.20 0.00	36.02 -5.59 -0.49	35.21 -4.77 1.89	35.87 -4.91 0.14	35.07 -4.93 0.07	36.31 -4.97 0.10	35.90 -5.01 0.19	37.66 -5.20 0.46	40.29 -5.70 3.56	48.04 -6.45 0.61	47.88 -6.72 0.45	42.94 -5.76 0.54	42.84 -6.28 0.54	40.30 -5.55 -0.07	38.30 -4.98 0.00	37.15 -3.90 0.00
DUNKIRK___1 23563	30.69 -4.22 0.00	30.62 -3.71 0.00	27.97 -3.56 0.00	26.35 -3.49 0.00	28.70 -3.73 0.00	31.81 -3.81 0.00	34.07 -4.08 0.00	36.45 -5.16 0.00	36.37 -5.20 0.00	36.02 -5.59 -0.49	35.21 -4.77 1.89	35.87 -4.91 0.14	35.07 -4.93 0.07	36.31 -4.97 0.10	35.90 -5.01 0.19	37.66 -5.20 0.46	40.29 -5.70 3.56	48.04 -6.45 0.61	47.88 -6.72 0.45	42.94 -5.76 0.54	42.84 -6.28 0.54	40.30 -5.55 -0.07	38.30 -4.98 0.00	37.15 -3.90 0.00
DUNKIRK___2 23564	30.69 -4.22 0.00	30.62 -3.71 0.00	27.97 -3.56 0.00	26.35 -3.49 0.00	28.70 -3.73 0.00	31.81 -3.81 0.00	34.07 -4.08 0.00	36.45 -5.16 0.00	36.37 -5.20 0.00	36.02 -5.59 -0.49	35.21 -4.77 1.89	35.87 -4.91 0.14	35.07 -4.93 0.07	36.31 -4.97 0.10	35.90 -5.01 0.19	37.66 -5.20 0.46	40.29 -5.70 3.56	48.04 -6.45 0.61	47.88 -6.72 0.45	42.94 -5.76 0.54	42.84 -6.28 0.54	40.30 -5.55 -0.07	38.30 -4.98 0.00	37.15 -3.90 0.00
DUNKIRK___3 23565	30.76 -4.15 0.00	30.68 -3.64 0.00	28.03 -3.50 0.00	26.41 -3.43 0.00	28.76 -3.66 0.00	31.85 -3.78 0.00	34.11 -4.04 0.00	36.49 -5.12 0.00	36.41 -5.15 0.00	36.05 -5.55 -0.48	35.03 -4.73 2.11	35.92 -4.83 0.18	35.09 -4.89 0.09	36.37 -4.88 0.13	35.92 -4.93 0.25	37.61 -5.11 0.59	39.81 -5.65 4.09	47.86 -6.45 0.79	47.80 -6.66 0.58	42.89 -5.76 0.59	42.79 -6.33 -0.07	40.25 -5.59 0.00	38.30 -4.98 0.00	37.10 -3.94 0.00
DUNKIRK___4 23566	30.76 -4.15 0.00	30.68 -3.64 0.00	28.03 -3.50 0.00	26.41 -3.43 0.00	28.76 -3.66 0.00	31.85 -3.78 0.00	34.11 -4.04 0.00	36.49 -5.12 0.00	36.41 -5.15 0.00	36.05 -5.55 -0.48	35.03 -4.73 2.11	35.92 -4.83 0.18	35.09 -4.89 0.09	36.37 -4.88 0.13	35.92 -4.93 0.25	37.61 -5.11 0.59	39.81 -5.65 4.09	47.86 -6.45 0.79	47.80 -6.66 0.58	42.89 -5.76 0.59	42.79 -6.33 -0.07	40.25 -5.59 0.00	38.30 -4.98 0.00	37.10 -3.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.97 2.06 0.00	36.25 1.92 0.00	33.29 1.77 0.00	31.57 1.73 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.73 2.59 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	46.98 3.08 -2.78	46.35 3.18 -1.30	45.21 3.19 -1.10	43.89 3.13 -0.70	45.42 3.27 -0.77	46.10 3.21 -1.79	51.10 3.42 -4.37	61.04 4.06 -7.43	69.93 4.63 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.59 1.68 0.00	35.94 1.61 0.00	33.01 1.48 0.00	31.25 1.40 0.00	33.98 1.56 0.00	37.40 1.78 0.00	41.51 2.37 -0.99	49.50 2.66 -5.23	49.02 2.66 -4.80	46.51 2.71 -2.68	45.92 2.81 -1.25	44.76 2.78 -1.06	43.47 2.72 -0.67	44.98 2.86 -0.75	45.63 2.80 -1.73	50.56 3.03 -4.22	60.43 3.72 -7.17	69.30 4.19 -10.01	64.70 4.18 -5.47	57.89 3.59 -5.05	55.31 3.48 -2.79	50.53 3.12 -1.57	46.04 2.77 0.00	43.38 2.34 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.16 2.23 -0.01	36.46 2.13 -0.01	33.46 1.92 -0.01	31.70 1.85 -0.01	34.44 2.01 -0.01	37.87 2.24 0.00	41.66 2.52 -0.98	49.51 2.79 -5.11	49.12 2.87 -4.69	46.90 3.00 -2.78	46.30 3.14 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.38 3.23 -0.77	46.06 3.17 -1.79	51.02 3.33 -4.37	60.94 3.96 -7.43	69.77 4.46 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.45 3.63 -2.78	50.65 3.26 -1.55	46.34 3.07 0.00	43.75 2.71 0.00
E179THST_13_KV_LOAD 356214	37.26 2.34 -0.01	36.56 2.23 -0.01	33.55 2.02 -0.01	31.82 1.97 -0.01	34.54 2.11 -0.01	37.97 2.35 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.11 3.21 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.09 3.33 -0.70	45.59 3.43 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.04 4.74 -10.21	65.35 4.68 -5.63	58.23 3.99 -5.00	55.70 3.87 -2.78	50.88 3.48 -1.55	46.56 3.29 0.00	43.92 2.87 0.00
EAST HAMPTON___GT 23717	37.67 2.76 0.00	36.55 2.23 0.00	33.64 2.11 0.00	32.17 2.33 0.00	34.53 2.11 0.00	37.83 2.21 0.00	42.69 3.59 -0.95	50.83 3.99 -5.23	50.13 3.87 -4.70	47.35 3.45 -2.78	46.98 3.81 -1.31	45.75 3.72 -1.11	44.82 4.05 -0.71	47.31 4.01 -1.92	46.77 3.86 -1.80	55.71 4.03 -8.37	70.49 5.30 -15.63	73.61 6.01 -12.51	72.15 5.78 -11.33	66.15 4.88 -12.03	62.24 4.36 -8.83	59.95 4.26 -9.84	47.09 3.81 -0.01	44.49 3.45 0.00
EAST RIVER___6 23660	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.60 2.52 -0.93	49.22 3.00 -4.61	48.88 3.12 -4.20	46.81 3.25 -2.44	46.29 3.35 -1.07	45.20 3.31 -0.96	44.02 3.29 -0.66	45.43 3.43 -0.62	46.09 3.41 -1.58	50.71 3.59 -3.81	60.01 4.36 -6.10	68.68 5.01 -8.57	63.70 4.73 -3.93	57.02 4.08 -3.70	54.68 3.87 -1.77	50.25 3.48 -0.92	46.17 3.12 0.22	43.53 2.59 0.10
EAST RIVER___7 23524	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.60 2.52 -0.93	49.22 3.00 -4.61	48.88 3.12 -4.20	46.81 3.25 -2.44	46.29 3.35 -1.07	45.20 3.31 -0.96	44.02 3.29 -0.66	45.43 3.43 -0.62	46.09 3.41 -1.58	50.71 3.59 -3.81	60.01 4.36 -6.10	68.68 5.01 -8.57	63.70 4.73 -3.93	57.02 4.08 -3.70	54.68 3.87 -1.77	50.25 3.48 -0.92	46.17 3.12 0.22	43.53 2.59 0.10
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.87 1.96 0.00	36.14 1.82 0.00	33.20 1.67 0.00	31.49 1.64 0.00	34.21 1.78 0.00	37.62 1.99 0.00	41.61 2.48 -0.97	49.51 2.83 -5.08	49.09 2.87 -4.66	46.80 2.92 -2.76	46.21 3.06 -1.29	45.04 3.03 -1.09	43.77 3.01 -0.69	45.29 3.14 -0.77	45.96 3.08 -1.78	50.95 3.29 -4.35	60.85 3.91 -7.39	69.70 4.46 -10.14	65.04 4.40 -5.59	58.00 3.79 -4.97	55.49 3.68 -2.76	50.74 3.35 -1.54	46.30 3.03 0.00	43.59 2.54 0.00
EAST_HAMPTON___DIESEL 23722	37.60 2.69 0.00	36.49 2.16 0.00	33.58 2.05 0.00	32.11 2.27 0.00	34.47 2.04 0.00	37.76 2.14 0.00	42.61 3.51 -0.95	50.75 3.91 -5.23	50.04 3.78 -4.70	47.27 3.37 -2.78	46.90 3.72 -1.31	45.67 3.64 -1.11	44.74 3.97 -0.71	47.23 3.93 -1.92	46.64 3.74 -1.80	55.62 3.94 -8.37	70.33 5.15 -15.63	73.44 5.84 -12.51	71.99 5.62 -11.33	66.05 4.78 -12.03	62.09 4.22 -8.83	59.86 4.17 -9.84	46.96 3.68 -0.01	44.41 3.37 0.00
EAST_POINT___SOLAR 323840	37.39 2.48 0.00	36.76 2.44 0.00	33.73 2.21 0.00	31.90 2.06 0.00	34.76 2.34 0.00	38.33 2.71 0.00	50.70 3.28 -9.26	95.94 3.62 -50.71	91.36 3.53 -46.26	55.51 2.96 -11.42	50.05 2.85 -5.34	47.48 2.05 -4.51	44.78 1.84 -2.86	46.91 2.36 -3.18	50.59 2.14 -7.35	64.50 3.20 -17.98	84.66 4.56 -30.56	124.44 5.40 -63.94	90.43 5.34 -30.05	101.29 4.83 -47.22	77.63 4.56 -24.02	64.65 4.13 -14.68	46.95 3.68 0.00	44.25 3.20 0.00
EAST_PULASKI___ESR 323781	33.97 -0.94 0.00	33.47 -0.86 0.00	30.74 -0.79 0.00	29.10 -0.74 0.00	31.58 -0.84 0.00	34.73 -0.89 0.00	37.20 -0.95 0.00	40.61 -1.00 0.00	40.57 -1.00 0.00	40.09 -1.03 0.00	40.82 -1.05 0.00	39.86 -1.06 0.00	38.99 -1.08 0.00	40.35 -1.03 0.00	40.12 -0.99 0.00	42.27 -1.04 0.00	48.46 -1.09 0.00	53.94 -1.16 0.00	53.78 -1.26 0.00	48.16 -1.08 0.00	47.92 -1.13 0.00	44.74 -1.10 0.00	42.19 -1.08 0.00	39.98 -1.07 0.00
EAST_RIVER___1 323558	36.97 2.06 0.00	36.24 1.92 0.00	33.32 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.69 2.07 0.00	41.64 2.56 -0.93	49.22 3.00 -4.61	48.84 3.08 -4.20	46.73 3.17 -2.44	46.24 3.31 -1.07	45.16 3.28 -0.96	43.97 3.24 -0.66	45.35 3.35 -0.62	46.05 3.37 -1.58	50.62 3.51 -3.81	59.91 4.26 -6.10	68.57 4.90 -8.57	63.64 4.68 -3.93	56.98 4.04 -3.70	54.64 3.83 -1.77	50.25 3.48 -0.92	46.17 3.12 0.22	43.58 2.63 0.10
EAST_RIVER___2 323559	36.90 1.99 0.00	36.18 1.85 0.00	33.26 1.73 0.00	31.54 1.70 0.00	34.24 1.81 0.00	37.65 2.03 0.00	41.60 2.52 -0.93	49.22 3.00 -4.61	48.88 3.12 -4.20	46.81 3.25 -2.44	46.29 3.35 -1.07	45.20 3.31 -0.96	44.02 3.29 -0.66	45.43 3.43 -0.62	46.09 3.41 -1.58	50.71 3.59 -3.81	60.01 4.36 -6.10	68.68 5.01 -8.57	63.70 4.73 -3.93	57.02 4.08 -3.70	54.68 3.87 -1.77	50.25 3.48 -0.92	46.17 3.12 0.22	43.53 2.59 0.10
EAST___DELAWARE_HYD 23607	36.66 1.74 0.00	36.00 1.68 0.00	33.04 1.51 0.00	31.28 1.43 0.00	34.05 1.62 0.00	37.55 1.92 0.00	41.95 2.75 -1.04	50.44 3.04 -5.80	49.89 3.03 -5.29	46.81 3.00 -2.69	46.14 3.02 -1.25	44.93 2.95 -1.06	43.63 2.89 -0.67	45.14 3.02 -0.75	45.87 3.04 -1.73	50.83 3.29 -4.23	60.94 4.21 -7.18	70.09 4.79 -10.20	65.41 4.84 -5.52	58.69 4.14 -5.31	55.88 3.93 -2.91	51.03 3.53 -1.65	46.35 3.07 0.00	43.63 2.59 0.00
EIGHT_POINT___WT_PWR 323820	31.21 -3.70 0.00	30.96 -3.36 0.00	28.35 -3.18 0.00	26.74 -3.10 0.00	29.09 -3.34 0.00	32.24 -3.38 0.00	34.96 -3.43 -0.24	38.83 -4.08 -1.29	40.89 -1.95 -1.28	39.58 -2.18 -0.64	45.87 -4.10 -8.10	38.19 -4.17 -1.45	36.66 -4.25 -0.84	38.19 -4.22 -1.03	39.27 -4.07 -2.23	44.70 -4.12 -5.50	64.92 -4.41 -19.78	58.57 -4.85 -8.32	55.64 -4.95 -5.55	48.02 -4.24 -3.01	45.14 -4.56 -0.66	41.86 -4.36 -0.37	39.16 -4.11 0.00	37.60 -3.45 0.00
ELBRIDGE_115KV_TB2 80188	34.04 -0.87 0.00	33.53 -0.79 0.00	30.80 -0.73 0.00	29.16 -0.69 0.00	31.65 -0.78 0.00	34.84 -0.78 0.00	37.32 -0.84 0.00	40.61 -1.00 0.00	40.61 -0.96 0.00	40.14 -0.99 -0.01	40.86 -1.00 0.00	39.90 -1.02 0.00	38.99 -1.08 0.00	40.34 -1.03 0.00	40.08 -1.03 0.00	42.31 -1.00 0.00	48.51 -1.04 0.00	53.99 -1.10 0.00	53.83 -1.21 0.00	48.22 -1.08 -0.06	47.92 -1.13 0.00	44.79 -1.05 0.00	42.19 -1.08 0.00	40.06 -0.99 0.00
ELEC_TRO_TEK 24086	37.29 2.37 0.00	36.42 2.09 0.00	33.45 1.92 0.00	31.78 1.94 0.00	34.37 1.95 0.00	37.87 2.24 0.00	42.25 3.09 -1.00	50.33 3.45 -5.27	49.76 3.49 -4.71	47.35 3.45 -2.78	46.91 3.73 -1.32	45.72 3.68 -1.12	44.43 3.65 -0.71	47.95 3.77 -2.80	46.57 3.66 -1.81	58.59 3.85 -11.43	76.13 4.66 -21.93	74.94 5.23 -14.61	76.03 5.17 -15.81	71.54 4.48 -17.81	66.97 4.27 -13.66	66.07 3.90 -16.32	46.93 3.63 -0.02	44.08 3.04 0.00

ELLENBURG_WT_PWR 323604	34.22 -0.70 0.00	33.54 -0.79 0.00	30.77 -0.76 0.00	29.10 -0.74 0.00	31.65 -0.78 0.00	34.81 -0.82 0.00	36.90 -1.26 0.00	40.44 -1.16 0.00	40.27 -1.29 0.00	39.93 -1.19 0.00	40.53 -1.34 0.00	39.61 -1.31 0.00	38.83 -1.24 0.00	40.01 -1.36 0.00	39.63 -1.48 0.00	41.71 -1.60 0.00	47.56 -1.98 0.00	52.89 -2.21 0.00	53.06 -1.98 0.00	47.52 -1.72 0.00	47.52 -1.52 0.00	44.47 -1.37 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.69 -4.22 0.00	30.62 -3.71 0.00	28.00 -3.53 0.00	26.38 -3.46 0.00	28.73 -3.70 0.00	31.74 -3.88 0.00	33.96 -4.20 0.00	36.24 -5.37 0.00	36.20 -5.36 0.00	35.87 -5.72 -0.46	34.73 -5.02 2.11	35.58 -5.16 0.18	34.77 -5.21 0.09	36.03 -5.21 0.13	35.58 -5.26 0.26	37.23 -5.46 0.62	39.34 -6.09 4.12	47.28 -7.00 0.82	47.17 -7.27 0.61	42.29 -6.35 0.60	42.34 -6.77 -0.07	39.84 -6.01 0.00	37.91 -5.37 0.00	36.78 -4.27 0.00
EMPIRE_CC_1 323656	36.52 1.61 0.00	35.90 1.58 0.00	32.95 1.42 0.00	31.22 1.37 0.00	33.92 1.49 0.00	37.05 1.43 0.00	42.29 1.53 -2.60	57.41 1.54 -14.26	56.07 1.49 -13.01	47.68 1.65 -4.91	45.92 1.76 -2.30	44.66 1.80 -1.94	43.14 1.84 -1.23	44.56 1.82 -1.37	46.03 1.77 -3.16	52.91 1.86 -7.73	64.67 1.98 -13.14	78.64 2.21 -21.34	68.09 2.20 -10.85	64.49 1.97 -13.28	58.09 2.06 -6.99	51.94 1.97 -4.13	45.31 2.03 0.00	42.81 1.76 0.00
EMPIRE_CC_2 323658	36.52 1.61 0.00	35.90 1.58 0.00	32.95 1.42 0.00	31.22 1.37 0.00	33.92 1.49 0.00	37.05 1.43 0.00	42.29 1.53 -2.60	57.41 1.54 -14.26	56.07 1.49 -13.01	47.68 1.65 -4.91	45.92 1.76 -2.30	44.66 1.80 -1.94	43.14 1.84 -1.23	44.56 1.82 -1.37	46.03 1.77 -3.16	52.91 1.86 -7.73	64.67 1.98 -13.14	78.64 2.21 -21.34	68.09 2.20 -10.85	64.49 1.97 -13.28	58.09 2.06 -6.99	51.94 1.97 -4.13	45.31 2.03 0.00	42.81 1.76 0.00
ENORWICH_115KV_TB1 80156	36.03 1.12 0.00	35.49 1.17 0.00	32.66 1.14 0.00	30.86 1.01 0.00	33.46 1.04 0.00	37.12 1.50 0.00	40.98 2.21 -0.61	50.54 5.62 -3.31	51.36 5.40 -4.39	47.43 4.56 -1.75	47.04 4.35 -0.82	45.74 4.13 -0.69	44.35 3.85 -0.44	46.08 4.22 -0.48	46.58 4.36 -1.12	51.60 5.54 -2.74	61.40 7.18 -4.67	64.47 4.08 -5.30	61.48 3.69 -2.75	55.78 3.40 -3.14	53.84 3.14 -1.66	49.61 2.80 -0.97	45.74 2.47 0.00	43.26 2.22 0.00
ERIE_ST__34_KV_TB1-2 80199	31.35 -3.56 0.00	31.30 -3.02 0.00	28.56 -2.96 0.00	26.95 -2.89 0.00	29.34 -3.08 0.00	32.45 -3.17 0.00	34.76 -3.40 0.00	37.28 -4.33 0.00	37.28 -4.28 0.00	36.96 -4.65 -0.49	36.67 -3.47 1.72	37.21 -3.60 0.11	36.37 -3.65 0.05	37.70 -3.60 0.08	37.25 -3.70 0.15	39.14 -3.81 0.36	42.21 -4.16 3.18	49.82 -4.79 0.48	49.56 -5.12 0.36	44.31 -4.43 0.50	43.67 -5.44 -0.07	41.03 -4.81 0.00	38.95 -4.33 0.00	37.64 -3.41 0.00
ERIE_WT_PWR 323693	30.90 -4.01 0.00	30.86 -3.47 0.00	28.19 -3.34 0.00	26.56 -3.28 0.00	28.92 -3.50 0.00	31.99 -3.63 0.00	34.23 -3.93 0.00	36.57 -5.04 0.00	36.37 -5.20 0.00	36.13 -5.47 -0.48	35.21 -4.65 2.01	36.02 -4.75 0.16	35.26 -4.73 0.08	36.50 -4.76 0.12	36.16 -4.73 0.22	37.79 -4.98 0.54	40.09 -5.60 3.85	48.10 -6.28 0.72	47.96 -6.55 0.53	42.91 -5.76 0.57	42.98 -6.13 -0.07	40.25 -5.59 0.00	38.30 -4.97 0.00	37.10 -3.94 0.00
ESPRGFLD_115KV_TB1 80157	36.24 1.33 0.00	35.63 1.30 0.00	32.76 1.23 0.00	30.98 1.13 0.00	33.69 1.26 0.00	37.15 1.53 0.00	46.82 2.02 -6.64	80.17 2.33 -36.23	77.15 2.37 -33.22	51.68 2.10 -8.47	47.87 2.05 -3.95	46.06 1.80 -3.34	43.87 1.68 -2.12	45.64 1.90 -2.36	48.40 1.85 -5.45	59.02 2.38 -13.33	75.36 3.17 -22.64	105.10 3.64 -46.36	80.38 3.41 -21.92	86.14 3.05 -33.84	69.14 2.84 -17.25	58.89 2.52 -10.52	45.48 2.21 0.00	42.97 1.93 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.74 -0.17 0.00	34.22 -0.10 0.00	31.43 -0.09 0.00	29.69 -0.15 0.00	32.26 -0.16 0.00	35.62 0.00 0.00	38.60 0.15 -0.29	43.13 -0.04 -1.56	41.65 0.08 0.00	41.66 -0.04 -0.58	42.05 -0.08 -0.27	41.07 -0.08 -0.23	40.05 -0.16 -0.15	41.46 -0.08 -0.16	41.39 -0.08 -0.37	44.31 0.09 -0.91	51.34 0.25 -1.55	58.43 0.61 -2.73	57.00 0.50 -1.46	51.18 0.44 -1.50	50.09 0.25 -0.80	46.49 0.18 -0.46	43.32 0.04 0.00	41.13 0.08 0.00
ETNA____115KV_TB2 80207	34.74 -0.17 0.00	34.22 -0.10 0.00	31.43 -0.09 0.00	29.69 -0.15 0.00	32.26 -0.16 0.00	35.62 0.00 0.00	38.60 0.15 -0.29	43.13 -0.04 -1.56	41.65 0.08 0.00	41.66 -0.04 -0.58	42.05 -0.08 -0.27	41.07 -0.08 -0.23	40.05 -0.16 -0.15	41.46 -0.08 -0.16	41.39 -0.08 -0.37	44.31 0.09 -0.91	51.34 0.25 -1.55	58.43 0.61 -2.73	57.00 0.50 -1.46	51.18 0.44 -1.50	50.09 0.25 -0.80	46.49 0.18 -0.46	43.32 0.04 0.00	41.13 0.08 0.00
EUCLID__115KV_TB2 356179	33.90 -1.01 0.00	33.40 -0.93 0.00	30.68 -0.85 0.00	29.01 -0.84 0.00	31.52 -0.91 0.00	34.66 -0.96 0.00	37.13 -1.03 0.00	40.40 -1.21 0.00	40.40 -1.16 0.00	39.89 -1.23 0.00	40.65 -1.21 0.00	39.69 -1.23 0.00	38.83 -1.24 0.00	40.18 -1.20 0.00	39.87 -1.23 0.00	42.10 -1.21 0.00	48.21 -1.34 0.00	53.61 -1.49 0.00	53.50 -1.54 0.00	47.86 -1.38 0.00	47.57 -1.47 0.00	44.47 -1.38 0.00	41.97 -1.30 0.00	39.81 -1.23 0.00
E_CANADA_CAP_HY 24051	36.83 1.92 0.00	36.21 1.89 0.00	33.23 1.70 0.00	31.45 1.61 0.00	34.21 1.78 0.00	37.72 2.10 0.00	49.40 2.63 -8.61	91.67 2.91 -47.15	87.44 2.87 -43.02	54.32 2.51 -10.69	49.33 2.47 -4.99	47.23 2.09 -4.22	44.71 1.96 -2.68	46.59 2.23 -2.97	50.16 2.18 -6.88	62.95 2.81 -16.83	81.95 3.82 -28.59	119.12 4.46 -59.56	87.42 4.35 -28.03	97.03 3.89 -43.90	75.06 3.68 -22.34	62.84 3.34 -13.65	46.22 2.94 0.00	43.59 2.55 0.00
E_CANADA_MHWK_HY 24050	34.39 -0.52 0.00	33.77 -0.55 0.00	31.06 -0.47 0.00	29.40 -0.45 0.00	31.94 -0.49 0.00	35.09 -0.53 0.00	37.66 -0.50 0.00	40.69 -0.92 0.00	40.53 -1.04 0.00	40.01 -1.11 0.00	40.78 -1.09 0.00	39.82 -1.10 0.00	38.95 -1.12 0.00	40.26 -1.12 0.00	40.04 -1.07 0.00	42.36 -0.95 0.00	49.00 -0.54 0.00	54.55 -0.55 0.00	54.44 -0.60 0.00	48.75 -0.49 0.00	48.51 -0.54 0.00	45.39 -0.46 0.00	42.84 -0.43 0.00	40.63 -0.41 0.00
E_FISHKILL__LBMP 23776	36.80 1.89 0.00	36.11 1.78 0.00	33.17 1.64 0.00	31.43 1.58 0.00	34.14 1.72 0.00	37.58 1.96 0.00	41.55 2.37 -1.03	49.66 2.70 -5.35	49.17 2.70 -4.91	46.79 2.76 -2.91	46.12 2.89 -1.36	44.98 2.91 -1.15	43.64 2.84 -0.73	45.17 2.98 -0.81	45.90 2.92 -1.87	51.01 3.12 -4.58	61.00 3.67 -7.79	70.00 4.19 -10.72	65.03 4.07 -5.91	58.03 3.55 -5.24	55.44 3.48 -2.92	50.64 3.16 -1.63	46.17 2.90 0.00	43.51 2.46 0.00
FALCON____SEABRD_CC1 323796	34.63 -0.28 0.00	33.91 -0.41 0.00	31.12 -0.41 0.00	29.43 -0.42 0.00	32.00 -0.42 0.00	35.20 -0.43 0.00	37.09 -1.07 0.00	40.69 -0.92 0.00	40.44 -1.12 0.00	40.13 -0.99 0.00	40.78 -1.09 0.00	39.86 -1.06 0.00	39.07 -1.00 0.00	40.26 -1.12 0.00	39.83 -1.27 0.00	41.97 -1.34 0.00	47.81 -1.74 0.00	53.22 -1.87 0.00	53.44 -1.60 0.00	47.86 -1.38 0.00	47.82 -1.22 0.00	44.74 -1.10 0.00	42.32 -0.95 0.00	40.76 -0.29 0.00

FALCON___SEABRD_CC2 323797	34.63 -0.28 0.00	33.91 -0.41 0.00	31.12 -0.41 0.00	29.43 -0.42 0.00	32.00 -0.42 0.00	35.20 -0.43 0.00	37.09 -1.07 0.00	40.69 -0.92 0.00	40.44 -1.12 0.00	40.13 -0.99 0.00	40.78 -1.09 0.00	39.86 -1.06 0.00	39.07 -1.00 0.00	40.26 -1.12 0.00	39.83 -1.27 0.00	41.97 -1.34 0.00	47.81 -1.74 0.00	53.22 -1.87 0.00	53.44 -1.60 0.00	47.86 -1.38 0.00	47.82 -1.22 0.00	44.74 -1.10 0.00	42.32 -0.95 0.00	40.76 -0.29 0.00
FAR ROCKAWAY___4 23548	37.78 2.86 0.00	36.83 2.51 0.00	33.83 2.30 0.00	32.14 2.30 0.00	34.73 2.30 0.00	38.29 2.67 0.00	42.78 3.62 -1.00	50.86 3.99 -5.25	50.35 4.07 -4.71	47.93 4.03 -2.78	47.50 4.31 -1.32	46.29 4.26 -1.12	44.95 4.17 -0.72	48.31 4.30 -2.63	47.15 4.23 -1.81	58.65 4.50 -10.84	75.66 5.40 -20.71	75.45 6.12 -14.24	76.05 6.05 -14.95	71.30 5.32 -16.74	66.79 5.00 -12.75	65.51 4.58 -15.08	47.58 4.28 -0.02	44.70 3.65 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.34 1.91 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	44.01 3.25 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.35 4.68 -5.63	58.28 4.04 -5.00	55.75 3.92 -2.78	50.88 3.48 -1.55	46.43 3.16 0.00	43.67 2.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.01 2.09 0.00	36.28 1.96 0.00	33.36 1.83 0.00	31.60 1.76 0.00	34.34 1.91 0.00	37.72 2.10 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	44.01 3.25 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.35 4.68 -5.63	58.28 4.04 -5.00	55.75 3.92 -2.78	50.88 3.48 -1.55	46.43 3.16 0.00	43.67 2.63 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.97 2.06 0.00	36.25 1.92 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.71 3.00 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.43 3.27 -1.30	45.29 3.27 -1.10	43.97 3.21 -0.70	45.50 3.35 -0.77	46.18 3.29 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.30 4.62 -5.63	58.23 3.99 -5.00	55.70 3.87 -2.78	50.88 3.48 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
FARRAGUT___LBMP 323566	36.94 2.03 0.00	36.25 1.92 0.00	33.29 1.77 0.00	31.57 1.73 0.00	34.31 1.88 0.00	37.69 2.07 0.00	41.66 2.52 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	70.04 4.74 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.34 3.07 0.00	43.63 2.59 0.00
FENNER___WINDPWR 24204	35.12 0.21 0.00	34.57 0.24 0.00	31.75 0.22 0.00	30.05 0.21 0.00	32.62 0.20 0.00	35.98 0.36 0.00	38.69 0.53 0.00	42.23 0.63 0.00	42.23 0.66 0.00	41.65 0.53 0.00	42.41 0.54 0.00	41.37 0.45 0.00	40.47 0.40 0.00	41.88 0.50 0.00	41.64 0.53 0.00	44.00 0.69 0.00	50.39 0.84 0.00	56.09 0.99 0.00	55.87 0.83 0.00	49.98 0.74 0.00	49.73 0.69 0.00	46.40 0.55 0.00	43.75 0.48 0.00	41.45 0.41 0.00
FIBERTEK___ENERGY 23856	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.05 -0.57 0.00	37.55 -0.61 0.00	40.90 -0.71 0.00	40.90 -0.67 0.00	40.39 -0.74 -0.01	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.41 -0.70 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.55 -0.74 -0.04	48.26 -0.78 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00
FITZPATRICK____ 23598	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.59 -1.57 0.00	39.82 -1.79 0.00	39.82 -1.74 0.00	39.35 -1.77 0.00	40.07 -1.80 0.00	39.12 -1.80 0.00	38.31 -1.76 0.00	39.60 -1.78 0.00	39.34 -1.77 0.00	41.45 -1.86 0.00	47.47 -2.08 0.00	52.78 -2.31 0.00	52.73 -2.31 0.00	47.18 -2.07 0.00	46.94 -2.11 0.00	43.88 -1.97 0.00	41.41 -1.86 0.00	39.32 -1.72 0.00
FLOWRFLD_69_KV_BK1 356044	37.88 2.97 0.00	36.83 2.51 0.00	33.89 2.36 0.00	32.26 2.42 0.00	34.79 2.37 0.00	38.26 2.64 0.00	42.96 3.82 -0.99	51.10 4.29 -5.20	50.46 4.20 -4.70	47.85 3.95 -2.78	47.61 4.44 -1.31	46.41 4.38 -1.11	45.22 4.45 -0.71	47.90 4.59 -1.93	47.18 4.27 -1.80	56.29 4.59 -8.39	70.92 5.70 -15.68	74.26 6.45 -12.71	72.85 6.38 -11.42	66.99 5.47 -12.29	63.11 5.10 -8.97	60.52 4.72 -9.95	47.70 4.41 -0.01	44.70 3.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.04 2.13 0.00	36.38 2.06 0.00	33.39 1.86 0.00	31.63 1.79 0.00	34.40 1.98 0.00	37.90 2.28 0.00	42.07 2.86 -1.05	50.29 3.20 -5.48	49.79 3.20 -5.03	47.21 3.25 -2.85	46.55 3.35 -1.33	45.36 3.31 -1.12	44.03 3.25 -0.71	45.56 3.39 -0.79	46.31 3.37 -1.83	51.39 3.59 -4.48	61.52 4.36 -7.61	70.69 4.96 -10.63	65.82 4.95 -5.82	58.87 4.28 -5.34	56.16 4.17 -2.95	51.26 3.76 -1.66	46.65 3.38 0.00	43.96 2.91 0.00
FORT ORANGE____ 23900	36.69 1.78 0.00	36.07 1.75 0.00	33.10 1.58 0.00	31.34 1.49 0.00	34.08 1.65 0.00	37.37 1.75 0.00	45.06 1.91 -5.00	71.00 2.04 -27.35	68.56 2.04 -24.96	50.48 2.06 -7.31	47.42 2.13 -3.41	45.93 2.13 -2.88	43.98 2.08 -1.83	45.56 2.15 -2.03	47.95 2.14 -4.70	57.15 2.34 -11.51	71.77 2.67 -19.55	94.93 3.03 -36.80	75.93 3.03 -17.86	77.37 2.66 -25.47	64.81 2.65 -13.12	56.24 2.47 -7.92	45.69 2.42 0.00	43.18 2.13 0.00
FORT_DRUM_COGEN 23780	34.39 -0.52 0.00	33.77 -0.55 0.00	31.09 -0.44 0.00	29.40 -0.45 0.00	31.87 -0.55 0.00	35.20 -0.43 0.00	37.97 -0.19 0.00	41.73 0.12 0.00	41.56 0.00 0.00	40.91 -0.21 0.00	41.66 -0.21 0.00	40.51 -0.41 0.00	39.63 -0.44 0.00	41.09 -0.29 0.00	40.90 -0.21 0.00	43.22 -0.09 0.00	49.60 0.05 0.00	55.32 0.22 0.00	55.04 0.00 0.00	49.29 0.05 0.00	49.04 0.00 0.00	45.71 -0.14 0.00	42.97 -0.30 0.00	40.63 -0.41 0.00
FOX_HILLS___ESR 323835	55.22 2.48 -17.83	55.18 2.33 -18.53	54.46 2.27 -20.66	42.42 2.18 -10.39	55.12 2.33 -20.36	55.22 2.49 -17.10	55.99 2.86 -14.97	59.46 3.16 -14.69	59.44 3.20 -14.68	59.25 3.33 -14.80	59.12 3.47 -13.78	59.15 3.48 -14.75	59.07 3.45 -15.56	59.14 3.56 -14.21	59.06 3.49 -14.47	59.49 3.68 -12.50	61.34 4.31 -7.49	103.86 4.85 -43.91	165.63 4.84 -105.74	158.54 4.19 -105.11	99.94 4.07 -46.82	59.23 3.62 -9.76	59.12 3.33 -12.52	57.20 2.91 -13.24
FPL FAR_ROCK_GT1 24212	37.82 2.90 0.00	36.83 2.50 0.00	33.83 2.30 0.00	32.23 2.39 0.00	34.76 2.34 0.00	38.30 2.67 0.00	42.74 3.63 -0.96	50.93 4.03 -5.28	50.39 4.12 -4.71	47.94 4.03 -2.78	47.54 4.35 -1.32	46.29 4.26 -1.12	44.99 4.21 -0.72	48.31 4.30 -2.63	47.19 4.27 -1.81	58.65 4.50 -10.84	75.71 5.45 -20.71	75.37 6.22 -14.05	75.99 6.05 -14.89	71.08 5.32 -16.52	66.64 4.95 -12.64	65.44 4.58 -15.01	47.58 4.28 -0.02	44.70 3.65 0.00



FPL FAR_ROCK_GT2 23815	37.82 2.90 0.00	36.83 2.50 0.00	33.83 2.30 0.00	32.23 2.39 0.00	34.76 2.34 0.00	38.30 2.67 0.00	42.74 3.63 -0.96	50.93 4.03 -5.28	50.39 4.12 -4.71	47.94 4.03 -2.78	47.54 4.35 -1.32	46.29 4.26 -1.12	44.99 4.21 -0.72	48.31 4.30 -2.63	47.19 4.27 -1.81	58.65 4.50 -10.84	75.71 5.45 -20.71	75.37 6.22 -14.05	75.99 6.05 -14.89	71.08 5.32 -16.52	66.64 4.95 -12.64	65.44 4.58 -15.01	47.58 4.28 -0.02	44.70 3.65 0.00
FRANKLIN_FALL_HYD 24054	34.88 -0.03 0.00	34.15 -0.17 0.00	31.31 -0.22 0.00	29.61 -0.24 0.00	32.20 -0.23 0.00	35.41 -0.21 0.00	37.62 -0.53 0.00	41.32 -0.29 0.00	41.06 -0.50 0.00	40.75 -0.37 0.00	41.41 -0.46 0.00	40.39 -0.53 0.00	39.63 -0.44 0.00	40.80 -0.58 0.00	40.45 -0.66 0.00	42.44 -0.87 0.00	48.36 -1.19 0.00	53.83 -1.27 0.00	54.16 -0.88 0.00	48.55 -0.69 0.00	48.46 -0.59 0.00	45.25 -0.60 0.00	42.75 -0.52 0.00	40.84 -0.21 0.00
FREEPORT_EQUS_GT1 23764	37.60 2.69 0.00	36.62 2.30 0.00	33.64 2.11 0.00	32.05 2.21 0.00	34.56 2.14 0.00	38.08 2.46 0.00	42.54 3.44 -0.95	50.65 3.79 -5.26	50.13 3.87 -4.70	47.64 3.74 -2.78	47.24 4.06 -1.31	46.00 3.97 -1.11	44.75 3.97 -0.71	47.79 4.10 -2.31	46.98 4.07 -1.80	57.25 4.20 -9.74	73.15 5.15 -18.45	74.36 5.90 -13.36	74.07 5.72 -13.31	68.79 5.03 -14.52	64.65 4.66 -10.95	62.82 4.26 -12.71	47.31 4.03 -0.01	44.41 3.37 0.00
FREEPORT___CT2 23818	37.60 2.69 0.00	36.62 2.30 0.00	33.64 2.11 0.00	32.05 2.21 0.00	34.56 2.14 0.00	38.08 2.46 0.00	42.54 3.44 -0.95	50.65 3.79 -5.26	50.13 3.87 -4.70	47.64 3.74 -2.78	47.24 4.06 -1.31	46.00 3.97 -1.11	44.75 3.97 -0.71	47.79 4.10 -2.31	46.98 4.07 -1.80	57.25 4.20 -9.74	73.15 5.15 -18.45	74.36 5.90 -13.36	74.07 5.72 -13.31	68.79 5.03 -14.52	64.65 4.66 -10.95	62.82 4.26 -12.71	47.31 4.03 -0.01	44.41 3.37 0.00
FRESHKLS_33_KV_LOAD 356253	55.26 2.51 -17.83	55.25 2.40 -18.53	54.55 2.36 -20.66	42.54 2.30 -10.39	55.22 2.43 -20.36	55.26 2.53 -17.10	56.03 2.90 -14.97	59.42 3.12 -14.69	59.40 3.16 -14.68	59.21 3.29 -14.80	59.08 3.43 -13.78	59.11 3.44 -14.75	59.03 3.41 -15.56	59.10 3.52 -14.21	59.02 3.45 -14.47	59.45 3.64 -12.50	61.29 4.26 -7.49	103.80 4.79 -43.91	165.63 4.84 -105.74	158.49 4.14 -105.11	99.89 4.02 -46.82	59.18 3.58 -9.76	59.08 3.29 -12.52	57.20 2.91 -13.24
FULTON COGEN____ 23766	33.83 -1.08 0.00	33.33 -1.00 0.00	30.61 -0.91 0.00	28.95 -0.90 0.00	31.45 -0.97 0.00	34.59 -1.03 0.00	37.01 -1.14 0.00	40.40 -1.21 0.00	40.36 -1.21 0.00	39.89 -1.23 0.00	40.61 -1.26 0.00	39.65 -1.27 0.00	38.79 -1.28 0.00	40.14 -1.24 0.00	39.87 -1.23 0.00	42.10 -1.21 0.00	48.26 -1.29 0.00	53.66 -1.43 0.00	53.50 -1.54 0.00	47.86 -1.38 0.00	47.62 -1.42 0.00	44.52 -1.33 0.00	41.93 -1.34 0.00	39.77 -1.27 0.00
FULTON___LFGE 323630	37.15 2.24 0.00	36.52 2.20 0.00	33.52 1.99 0.00	31.73 1.88 0.00	34.50 2.08 0.00	38.01 2.39 0.00	50.48 2.90 -9.43	96.37 3.16 -51.60	91.80 3.16 -47.08	55.57 2.84 -11.61	50.10 2.81 -5.42	48.00 2.50 -4.58	45.34 2.36 -2.91	47.22 2.61 -3.23	51.17 2.59 -7.47	64.71 3.12 -18.28	84.67 4.06 -31.06	124.92 4.79 -65.04	90.28 4.68 -30.56	101.54 4.24 -48.06	77.51 4.02 -24.44	64.46 3.67 -14.94	46.52 3.25 0.00	43.87 2.83 0.00
G.F.CEMENT___DRP 24184	37.11 2.20 0.00	36.49 2.16 0.00	33.48 1.95 0.00	31.69 1.85 0.00	34.50 2.08 0.00	37.90 2.28 0.00	50.37 2.67 -9.54	96.65 2.91 -52.13	92.25 2.99 -47.69	55.95 2.96 -11.87	50.47 3.06 -5.54	48.59 2.99 -4.68	45.89 2.84 -2.98	47.70 3.02 -3.30	51.75 3.00 -7.64	64.46 2.47 -18.68	84.17 2.87 -31.75	124.60 3.42 -66.09	89.46 3.30 -31.11	100.81 2.91 -48.66	76.61 2.80 -24.77	63.54 2.57 -15.13	45.61 2.34 0.00	43.79 2.75 0.00
GARDENVILLE___LBMP 24039	30.79 -4.12 0.00	30.72 -3.60 0.00	28.06 -3.47 0.00	26.47 -3.37 0.00	28.79 -3.63 0.00	31.85 -3.78 0.00	34.11 -4.04 0.00	36.41 -5.20 0.00	36.33 -5.24 0.00	36.00 -5.59 -0.47	34.67 -4.81 2.38	35.79 -4.91 0.22	34.99 -4.97 0.11	36.25 -4.97 0.16	35.77 -5.01 0.32	37.35 -5.20 0.76	39.07 -5.75 4.73	47.47 -6.61 1.01	47.42 -6.88 0.74	42.58 -6.01 0.65	42.59 -6.52 -0.07	40.07 -5.78 0.00	38.12 -5.15 0.00	36.94 -4.10 0.00
GARDNVLA_35_KV_LD 355827	30.97 -3.95 0.00	30.89 -3.43 0.00	28.22 -3.31 0.00	26.62 -3.22 0.00	28.96 -3.47 0.00	32.03 -3.60 0.00	34.30 -3.85 0.00	36.62 -4.99 0.00	36.49 -5.07 0.00	36.17 -5.43 -0.48	35.44 -4.56 1.87	36.12 -4.67 0.14	35.32 -4.69 0.07	36.60 -4.68 0.10	36.15 -4.77 0.19	37.92 -4.94 0.45	40.52 -5.50 3.53	48.21 -6.28 0.61	48.04 -6.55 0.45	42.99 -5.71 0.54	42.84 -6.28 -0.07	40.30 -5.55 0.00	38.34 -4.93 0.00	37.15 -3.90 0.00
GELCKHM___115KV_LOAD 80723	34.04 -0.87 0.00	33.50 -0.82 0.00	30.80 -0.73 0.00	29.13 -0.72 0.00	31.65 -0.78 0.00	34.80 -0.82 0.00	37.28 -0.88 0.00	40.57 -1.04 0.00	40.57 -1.00 0.00	40.10 -1.03 0.00	40.82 -1.05 0.00	39.90 -1.02 0.00	38.99 -1.08 0.00	40.34 -1.03 0.00	40.08 -1.03 0.00	42.27 -1.04 0.00	48.46 -1.09 0.00	53.88 -1.21 0.00	53.78 -1.27 0.00	48.13 -1.13 -0.02	47.82 -1.23 0.00	44.70 -1.15 0.00	42.15 -1.13 0.00	40.02 -1.03 0.00
GENERAL___MILLS 23808	30.90 -4.02 0.00	30.86 -3.47 0.00	28.19 -3.34 0.00	26.56 -3.28 0.00	28.92 -3.50 0.00	31.99 -3.63 0.00	34.23 -3.93 0.00	36.57 -5.03 0.00	36.45 -5.11 0.00	36.13 -5.47 -0.48	35.26 -4.61 2.01	36.02 -4.75 0.16	35.22 -4.77 0.08	36.50 -4.76 0.12	36.03 -4.85 0.22	37.75 -5.02 0.54	40.14 -5.55 3.85	48.04 -6.34 0.72	47.85 -6.66 0.53	42.86 -5.81 0.57	42.79 -6.33 -0.07	40.25 -5.59 0.00	38.25 -5.02 0.00	37.06 -3.98 0.00
GE_PLASTICS___DRP 24183	36.31 1.40 0.00	35.70 1.37 0.00	32.76 1.23 0.00	31.04 1.19 0.00	33.72 1.30 0.00	36.98 1.35 0.00	43.75 1.49 -4.11	65.64 1.58 -22.45	63.69 1.58 -20.55	49.21 1.64 -6.44	46.59 1.72 -3.01	45.18 1.72 -2.54	43.37 1.68 -1.61	44.91 1.74 -1.79	46.94 1.69 -4.15	55.31 1.86 -10.14	68.86 2.08 -17.23	88.59 2.37 -31.12	72.71 2.37 -15.30	72.24 2.07 -20.93	61.94 2.06 -10.84	54.32 1.97 -6.51	45.18 1.90 0.00	42.69 1.64 0.00
GILBOA___1 23756	35.89 0.98 0.00	35.28 0.96 0.00	32.41 0.88 0.00	30.68 0.83 0.00	33.33 0.91 0.00	36.62 1.00 0.00	39.97 1.22 -0.59	46.14 1.29 -3.24	45.85 1.33 -2.96	44.95 1.35 -2.48	44.45 1.42 -1.16	43.29 1.39 -0.98	42.05 1.36 -0.62	43.47 1.41 -0.69	44.14 1.44 -1.59	48.72 1.52 -3.90	57.95 1.78 -6.62	64.68 1.93 -7.66	61.49 1.98 -4.47	54.02 1.77 -3.01	52.49 1.67 -1.78	48.34 1.56 -0.94	44.74 1.47 0.00	42.32 1.27 0.00
GILBOA___2 23757	35.89 0.98 0.00	35.28 0.96 0.00	32.41 0.88 0.00	30.68 0.83 0.00	33.33 0.91 0.00	36.62 1.00 0.00	39.97 1.22 -0.59	46.14 1.29 -3.24	45.85 1.33 -2.96	44.95 1.35 -2.48	44.45 1.42 -1.16	43.29 1.39 -0.98	42.05 1.36 -0.62	43.47 1.41 -0.69	44.14 1.44 -1.59	48.72 1.52 -3.90	57.95 1.78 -6.62	64.68 1.93 -7.66	61.49 1.98 -4.47	54.02 1.77 -3.01	52.49 1.67 -1.78	48.34 1.56 -0.94	44.74 1.47 0.00	42.32 1.27 0.00

GILBOA___3 23758	35.89 0.98 0.00	35.28 0.96 0.00	32.41 0.88 0.00	30.68 0.83 0.00	33.33 0.91 0.00	36.62 1.00 0.00	39.97 1.22 -0.59	46.14 1.29 -3.24	45.85 1.33 -2.96	44.95 1.35 -2.48	44.45 1.42 -1.16	43.29 1.39 -0.98	42.05 1.36 -0.62	43.47 1.41 -0.69	44.14 1.44 -1.59	48.72 1.52 -3.90	57.95 1.78 -6.62	64.68 1.93 -7.66	61.49 1.98 -4.47	54.02 1.77 -3.01	52.49 1.67 -1.78	48.34 1.56 -0.94	44.74 1.47 0.00	42.32 1.27 0.00
GILBOA___4 23759	35.89 0.98 0.00	35.28 0.96 0.00	32.41 0.88 0.00	30.68 0.83 0.00	33.33 0.91 0.00	36.62 1.00 0.00	39.97 1.22 -0.59	46.14 1.29 -3.24	45.85 1.33 -2.96	44.95 1.35 -2.48	44.45 1.42 -1.16	43.29 1.39 -0.98	42.05 1.36 -0.62	43.47 1.41 -0.69	44.14 1.44 -1.59	48.72 1.52 -3.90	57.95 1.78 -6.62	64.68 1.93 -7.66	61.49 1.98 -4.47	54.02 1.77 -3.01	52.49 1.67 -1.78	48.34 1.56 -0.94	44.74 1.47 0.00	42.32 1.27 0.00
GILBOA___ 23599	35.89 0.98 0.00	35.28 0.96 0.00	32.41 0.88 0.00	30.68 0.84 0.00	33.33 0.91 0.00	36.62 1.00 0.00	39.97 1.22 -0.59	46.12 1.29 -3.22	45.86 1.33 -2.96	44.95 1.36 -2.48	44.45 1.42 -1.16	43.29 1.39 -0.98	42.05 1.36 -0.62	43.52 1.45 -0.69	44.10 1.40 -1.59	48.72 1.52 -3.90	57.95 1.78 -6.62	64.81 2.04 -7.68	61.50 1.98 -4.47	54.00 1.72 -3.03	52.55 1.72 -1.79	48.35 1.56 -0.94	44.70 1.43 0.00	42.32 1.27 0.00
GINNA___ 23603	31.18 -3.74 0.00	30.89 -3.43 0.00	28.31 -3.22 0.00	26.77 -3.07 0.00	29.09 -3.34 0.00	32.06 -3.56 0.00	34.42 -3.74 0.00	37.03 -4.58 0.00	37.20 -4.36 0.00	36.69 -4.40 0.03	37.38 -4.48 0.00	36.46 -4.46 0.00	35.58 -4.49 0.00	36.91 -4.47 0.00	36.58 -4.52 0.00	38.68 -4.63 0.00	44.39 -5.15 0.01	49.25 -5.84 0.00	48.99 -6.05 0.00	43.63 -5.42 0.20	43.80 -5.25 0.00	40.94 -4.90 0.00	38.68 -4.59 0.00	37.02 -4.02 0.00
GLEN PARK___ 23778	34.50 -0.42 0.00	33.88 -0.45 0.00	31.21 -0.32 0.00	29.49 -0.36 0.00	32.00 -0.42 0.00	35.34 -0.29 0.00	38.19 0.04 0.00	41.94 0.33 0.00	41.77 0.21 0.00	41.08 -0.04 0.00	41.78 -0.08 0.00	40.68 -0.24 0.00	39.75 -0.32 0.00	41.25 -0.12 0.00	41.06 -0.04 0.00	43.44 0.13 0.00	49.90 0.35 0.00	55.65 0.55 0.00	55.37 0.33 0.00	49.63 0.39 0.00	49.34 0.30 0.00	45.98 0.14 0.00	43.19 -0.09 0.00	40.84 -0.20 0.00
GLENDALE_27_KV_LOAD 356172	37.30 2.37 -0.01	36.56 2.23 -0.01	33.59 2.05 -0.01	31.85 2.00 -0.01	34.61 2.17 -0.01	38.01 2.39 0.00	42.00 2.86 -0.98	49.92 3.20 -5.11	49.54 3.28 -4.69	47.31 3.41 -2.78	46.68 3.52 -1.30	45.54 3.52 -1.10	44.25 3.49 -0.70	45.79 3.64 -0.77	46.43 3.53 -1.79	51.45 3.77 -4.37	61.44 4.46 -7.43	70.38 5.07 -10.21	65.63 4.95 -5.63	58.48 4.23 -5.00	55.94 4.12 -2.78	51.11 3.71 -1.55	46.65 3.38 0.00	43.96 2.91 0.00
GLENWOOD_IC_1_G5 23712	37.32 2.41 0.00	36.49 2.16 0.00	33.51 1.99 0.00	31.81 1.97 0.00	34.47 2.04 0.00	37.94 2.32 0.00	42.21 3.05 -1.00	50.33 3.45 -5.26	49.76 3.49 -4.71	47.39 3.50 -2.78	46.91 3.73 -1.32	45.72 3.68 -1.11	44.43 3.65 -0.71	47.90 3.77 -2.76	46.61 3.70 -1.81	58.54 3.94 -11.29	75.54 4.36 -21.63	74.58 4.96 -14.52	75.54 4.90 -15.60	71.03 4.23 -17.55	66.85 4.36 -13.44	65.81 3.94 -16.02	46.92 3.63 -0.02	44.12 3.08 0.00
GLENWOOD_IC_2_G1 23688	37.15 2.24 0.00	36.31 1.99 0.00	33.39 1.86 0.00	31.69 1.85 0.00	34.34 1.91 0.00	37.80 2.17 0.00	41.92 2.82 -0.94	49.92 3.16 -5.14	49.50 3.24 -4.69	47.15 3.25 -2.78	46.60 3.43 -1.30	45.41 3.39 -1.10	44.13 3.37 -0.70	45.71 3.48 -0.86	46.39 3.49 -1.79	51.62 3.64 -4.67	61.95 4.36 -8.04	70.32 5.01 -10.21	65.89 4.84 -6.00	58.74 4.18 -5.32	56.15 3.97 -3.13	51.62 3.67 -2.11	46.61 3.33 0.00	43.87 2.83 0.00
GLENWOOD_IC_3_G1 23689	37.15 2.24 0.00	36.31 1.99 0.00	33.39 1.86 0.00	31.69 1.85 0.00	34.34 1.91 0.00	37.80 2.17 0.00	41.92 2.82 -0.94	49.92 3.16 -5.14	49.50 3.24 -4.69	47.15 3.25 -2.78	46.60 3.43 -1.30	45.41 3.39 -1.10	44.13 3.37 -0.70	45.71 3.48 -0.86	46.39 3.49 -1.79	51.62 3.64 -4.67	61.95 4.36 -8.04	70.32 5.01 -10.21	65.89 4.84 -6.00	58.74 4.18 -5.32	56.15 3.97 -3.13	51.62 3.67 -2.11	46.61 3.33 0.00	43.87 2.83 0.00
GLENWOOD___4 23550	37.32 2.41 0.00	36.49 2.16 0.00	33.51 1.99 0.00	31.81 1.97 0.00	34.47 2.04 0.00	37.94 2.32 0.00	42.21 3.05 -1.00	50.33 3.45 -5.26	49.76 3.49 -4.71	47.39 3.50 -2.78	46.91 3.73 -1.32	45.72 3.68 -1.11	44.43 3.65 -0.71	47.90 3.77 -2.76	46.61 3.70 -1.81	58.54 3.94 -11.29	75.69 4.51 -21.63	74.69 5.07 -14.52	75.65 5.01 -15.60	71.13 4.33 -17.55	66.85 4.36 -13.44	65.81 3.94 -16.02	46.92 3.63 -0.02	44.12 3.08 0.00
GLENWOOD___5 23614	37.32 2.41 0.00	36.49 2.16 0.00	33.51 1.99 0.00	31.81 1.97 0.00	34.47 2.04 0.00	37.94 2.32 0.00	42.21 3.05 -1.00	50.33 3.45 -5.26	49.76 3.49 -4.71	47.39 3.50 -2.78	46.91 3.73 -1.32	45.72 3.68 -1.11	44.43 3.65 -0.71	47.90 3.77 -2.76	46.61 3.70 -1.81	58.54 3.94 -11.29	75.69 4.51 -21.63	74.69 5.07 -14.52	75.65 5.01 -15.60	71.13 4.33 -17.55	66.85 4.36 -13.44	65.81 3.94 -16.02	46.92 3.63 -0.02	44.12 3.08 0.00
GLOBAL GREEN_PORT_GT1 23814	37.92 3.00 0.00	36.80 2.47 0.00	33.86 2.33 0.00	32.38 2.54 0.00	34.76 2.34 0.00	38.08 2.46 0.00	42.96 3.85 -0.95	51.16 4.33 -5.23	50.42 4.16 -4.70	47.64 3.74 -2.78	47.36 4.19 -1.31	46.12 4.09 -1.11	45.18 4.41 -0.71	47.73 4.43 -1.92	47.14 4.23 -1.80	56.14 4.46 -8.37	70.93 5.74 -15.64	74.16 6.55 -12.51	72.70 6.33 -11.33	66.64 5.37 -12.03	62.73 4.86 -8.83	60.41 4.72 -9.84	47.52 4.24 -0.01	44.78 3.73 0.00
GLOBE___DSASP 323697	29.82 -5.10 0.00	29.76 -4.56 0.00	27.21 -4.32 0.00	25.67 -4.18 0.00	27.92 -4.51 0.00	30.81 -4.81 0.00	32.93 -5.23 0.00	34.91 -6.70 0.00	35.00 -6.57 0.00	34.69 -6.87 -0.43	34.04 -6.32 1.50	34.16 -6.67 0.09	33.34 -6.69 0.04	34.57 -6.74 0.07	34.16 -6.82 0.12	36.08 -6.93 0.30	38.86 -7.93 2.76	45.50 -9.20 0.40	45.39 -9.36 0.29	40.41 -8.37 0.47	40.67 -8.44 -0.06	38.33 -7.52 0.00	36.57 -6.71 0.00	35.54 -5.50 0.00
GOETHSLN___LBMP 323567	36.06 1.82 0.67	35.31 1.68 0.70	33.14 1.61 0.00	31.43 1.58 0.00	33.50 1.65 0.58	36.82 1.85 0.65	40.91 2.29 -0.46	49.07 2.70 -4.75	48.63 2.74 -4.32	46.33 2.88 -2.33	45.67 2.97 -0.83	44.46 2.95 -0.59	43.14 2.93 -0.14	44.71 3.06 -0.27	45.42 3.00 -1.32	50.55 3.16 -4.07	60.84 3.86 -7.43	68.38 4.35 -8.93	61.14 4.24 -1.86	54.12 3.64 -1.23	53.70 3.53 -1.13	50.21 3.12 -1.25	45.60 2.81 0.48	42.88 2.34 0.51
GOLAH___69_KV_TB 1_2 80279	32.26 -2.65 0.00	32.06 -2.27 0.00	29.32 -2.21 0.00	27.70 -2.15 0.00	30.09 -2.33 0.00	33.24 -2.39 0.00	35.64 -2.52 0.00	38.16 -3.45 0.00	38.32 -3.24 0.00	37.69 -3.41 0.02	38.43 -3.43 0.00	37.36 -3.56 0.00	36.42 -3.65 0.00	37.82 -3.56 0.00	37.45 -3.66 0.00	39.59 -3.72 0.00	45.49 -4.06 0.00	51.14 -4.68 -0.73	50.61 -4.95 -0.52	44.73 -4.38 0.13	44.68 -4.41 -0.05	41.86 -3.99 0.00	39.59 -3.68 0.00	38.17 -2.87 0.00

GOODYEAR_LAKE_HYD 323669	35.93 1.01 0.00	35.32 1.00 0.00	32.47 0.95 0.00	30.74 0.90 0.00	33.37 0.94 0.00	36.80 1.18 0.00	42.67 1.60 -2.91	59.36 1.87 -15.88	58.14 1.91 -14.66	47.10 1.73 -4.26	45.62 1.76 -1.99	44.24 1.64 -1.68	42.66 1.52 -1.07	44.26 1.70 -1.18	45.53 1.69 -2.74	52.00 1.99 -6.70	63.47 2.53 -11.39	79.36 2.87 -21.40	68.11 2.70 -10.37	66.46 2.36 -14.85	58.89 2.21 -7.64	52.43 1.97 -4.62	45.05 1.77 0.00	42.56 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.25 -0.66 0.00	33.77 -0.55 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.10 -0.46 -0.40	43.21 -0.58 -2.19	43.18 -0.46 -2.08	41.60 -0.58 -1.05	41.86 -0.50 -0.49	40.80 -0.53 -0.41	39.73 -0.60 -0.26	41.13 -0.54 -0.29	41.24 -0.53 -0.67	44.53 -0.43 -1.65	52.02 -0.35 -2.82	58.61 -0.39 -3.90	56.65 -0.50 -2.10	50.84 -0.49 -2.09	49.43 -0.74 -1.13	45.80 -0.69 -0.64	42.62 -0.65 0.00	40.51 -0.53 0.00
GOUDEY___7 23579	34.25 -0.66 0.00	33.77 -0.55 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.10 -0.46 -0.40	43.21 -0.58 -2.19	43.18 -0.46 -2.08	41.60 -0.58 -1.05	41.86 -0.50 -0.49	40.80 -0.53 -0.41	39.73 -0.60 -0.26	41.13 -0.54 -0.29	41.24 -0.53 -0.67	44.53 -0.43 -1.65	52.02 -0.35 -2.82	58.61 -0.39 -3.90	56.65 -0.50 -2.10	50.84 -0.49 -2.09	49.43 -0.74 -1.13	45.80 -0.69 -0.64	42.62 -0.65 0.00	40.51 -0.53 0.00
GOUDEY___8 23580	34.25 -0.66 0.00	33.77 -0.55 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.10 -0.46 -0.40	43.21 -0.58 -2.19	43.18 -0.46 -2.08	41.60 -0.58 -1.05	41.86 -0.50 -0.49	40.80 -0.53 -0.41	39.73 -0.60 -0.26	41.13 -0.54 -0.29	41.24 -0.53 -0.67	44.53 -0.43 -1.65	52.02 -0.35 -2.82	58.61 -0.39 -3.90	56.65 -0.50 -2.10	50.84 -0.49 -2.09	49.43 -0.74 -1.13	45.80 -0.69 -0.64	42.62 -0.65 0.00	40.51 -0.53 0.00
GOWANUS_GT1_1 24077	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT1_2 24078	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT1_3 24079	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT1_4 24080	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT1_5 24084	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT1_6 24111	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT1_7 24112	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT1_8 24113	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT2_1 24114	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT2_2 24115	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT2_3 24116	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24

GOWANUS_GT2_4 24117	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT2_5 24118	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT2_6 24119	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT2_7 24120	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT2_8 24121	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT3_1 24122	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
GOWANUS_GT3_2 24123	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	1				

GOWANUS_GT4_3 24132	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT4_4 24133	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT4_5 24134	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT4_6 24135	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT4_7 24136	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GOWANUS_GT4_8 24137	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GREENBSH_115KV_TB3 55895	36.52 1.61 0.00	35.90 1.58 0.00	32.95 1.42 0.00	31.22 1.37 0.00	33.92 1.49 0.00	37.15 1.53 0.00	45.04 1.72 -5.16	71.68 1.83 -28.24	69.24 1.83 -25.84	50.51 1.89 -7.50	47.34 1.97 -3.50	45.85 1.96 -2.96	43.91 1.96 -1.88	45.49 2.03 -2.09	47.90 1.97 -4.83	57.24 2.12 -11.80	71.98 2.38 -20.05	95.72 2.70 -37.92	76.11 2.70 -18.37	77.94 2.36 -26.34	64.95 2.35 -13.55	56.28 2.25 -8.19	45.44 2.16 0.00	42.93 1.89 0.00
GREENIDGE_115KV_TB5 80291	33.24 -1.68 0.00	32.85 -1.48 0.00	30.11 -1.42 0.00	28.44 -1.40 0.00	30.93 -1.49 0.00	34.23 -1.39 0.00	37.09 -1.30 -0.23	39.99 -1.62 0.00	41.79 -0.96 -1.18	40.62 -1.15 -0.65	44.06 -1.67 -3.87	39.99 -1.72 -0.79	38.65 -1.88 -0.46	40.16 -1.78 -0.56	40.60 -1.73 -1.22	44.68 -1.65 -3.02	57.49 -1.98 -9.93	57.88 -2.20 -4.99	55.97 -2.26 -3.18	49.97 -1.62 -2.36	47.77 -1.91 -0.64	44.42 -1.79 -0.36	41.50 -1.77 0.00	39.57 -1.48 0.00
GREENIDGE___3 23582	33.24 -1.68 0.00	32.85 -1.48 0.00	30.11 -1.42 0.00	28.44 -1.40 0.00	30.93 -1.49 0.00	34.23 -1.39 0.00	37.09 -1.30 -0.23	39.99 -1.62 0.00	41.79 -0.96 -1.18	40.62 -1.15 -0.65	44.06 -1.67 -3.87	39.99 -1.72 -0.79	38.65 -1.88 -0.46	40.16 -1.78 -0.56	40.60 -1.73 -1.22	44.68 -1.65 -3.02	57.49 -1.98 -9.93	57.88 -2.20 -4.99	55.97 -2.26 -3.18	49.97 -1.62 -2.36	47.77 -1.91 -0.64	44.42 -1.79 -0.36	41.50 -1.77 0.00	39.57 -1.48 0.00
GREENIDGE___4 23583	33.24 -1.68 0.00	32.85 -1.47 0.00	30.11 -1.42 0.00	28.44 -1.40 0.00	30.93 -1.49 0.00	34.23 -1.39 0.00	36.86 -1.30 0.00	39.99 -1.62 0.00	41.74 -1.00 -1.18	40.62 -1.15 -0.65	44.06 -1.68 -3.87	39.95 -1.76 -0.79	38.69 -1.84 -0.46	40.16 -1.78 -0.56	40.64 -1.69 -1.22	44.68 -1.65 -3.02	57.44 -2.03 -9.93	56.93 -2.15 -3.98	55.63 -2.26 -2.85	48.82 -1.62 -1.20	47.31 -1.81 -0.08	44.06 -1.79 0.00	41.50 -1.78 0.00	39.57 -1.48 0.00
GREENLWN_69_KV_BK 3 55738	37.36 2.44 0.00	36.42 2.09 0.00	33.45 1.92 0.00	31.81 1.97 0.00	34.37 1.95 0.00	37.87 2.24 0.00	42.35 3.21 -0.99	50.43 3.62 -5.20	49.88 3.62 -4.70	47.43 3.54 -2.78	47.03 3.85 -1.31	45.83 3.81 -1.11	44.54 3.77 -0.71	47.26 3.93 -1.95	46.68 3.78 -1.80	55.80 4.03 -8.46	70.28 4.91 -15.83	73.20 5.34 -12.76	71.96 5.39 -11.52	66.44 4.78 -12.42	62.59 4.46 -9.08	60.03 4.08 -10.10	47.05 3.76 -0.01	44.16 3.12 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24
GRISSOM___SOLAR 323813	37.08 2.17 0.00	36.45 2.13 0.00	33.45 1.92 0.00	31.66 1.82 0.00	34.44 2.01 0.00	37.90 2.28 0.00	50.48 2.75 -9.58	97.03 3.00 -52.42	92.38 2.99 -47.83	55.65 2.76 -11.78	50.09 2.72 -5.50	48.03 2.46 -4.65	45.35 2.32 -2.95	47.18 2.52 -3.28	51.19 2.51 -7.58	64.84 2.99 -18.54	84.87 3.82 -31.51	125.66 4.52 -66.04	90.47 4.41 -31.03	102.06 3.99 -48.83	77.65 3.78 -24.83	64.51 3.48 -15.18	46.39 3.12 0.00	43.79 2.75 0.00
GROVEVILLE___HYD 323602	37.04 2.13 0.00	36.38 2.06 0.00	33.39 1.86 0.00	31.63 1.79 0.00	34.40 1.98 0.00	37.90 2.28 0.00	42.07 2.86 -1.05	50.29 3.20 -5.48	49.79 3.20 -5.03	47.21 3.25 -2.85	46.55 3.35 -1.33	45.36 3.31 -1.12	44.03 3.25 -0.71	45.56 3.39 -0.79	46.31 3.37 -1.83	51.39 3.59 -4.48	61.52 4.36 -7.61	70.69 4.96 -10.63	65.82 4.95 -5.82	58.87 4.28 -5.34	56.16 4.17 -2.95	51.26 3.76 -1.66	46.65 3.38 0.00	43.96 2.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.05 -0.57 0.00	37.55 -0.61 0.00	40.90 -0.71 0.00	40.90 -0.67 0.00	40.39 -0.74 -0.01	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.41 -0.70 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.55 -0.74 -0.04	48.26 -0.78 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00

HAMLTNNY_34_KV_TB 80303	34.18 -0.73 0.00	33.67 -0.65 0.00	30.93 -0.60 0.00	29.25 -0.60 0.00	31.78 -0.65 0.00	35.02 -0.61 0.00	37.51 -0.65 0.00	40.82 -0.79 0.00	40.86 -0.71 0.00	40.35 -0.78 -0.01	41.07 -0.80 0.00	40.14 -0.78 0.00	39.19 -0.88 0.00	40.59 -0.79 0.00	40.32 -0.78 0.00	42.57 -0.74 0.00	48.80 -0.74 0.00	54.33 -0.77 0.00	54.16 -0.88 0.00	48.50 -0.79 -0.05	48.16 -0.88 0.00	45.02 -0.83 0.00	42.45 -0.82 0.00	40.26 -0.78 0.00
HAMPSHIRE___PAPER_HYD 323593	34.25 -0.66 0.00	33.60 -0.72 0.00	30.90 -0.63 0.00	29.22 -0.63 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.94 -0.67 0.00	40.77 -0.79 0.00	40.30 -0.82 0.00	40.95 -0.92 0.00	39.94 -0.98 0.00	39.07 -1.00 0.00	40.39 -0.99 0.00	40.08 -1.03 0.00	42.23 -1.08 0.00	48.21 -1.34 0.00	53.66 -1.43 0.00	53.67 -1.37 0.00	48.06 -1.18 0.00	47.92 -1.13 0.00	44.70 -1.14 0.00	42.15 -1.13 0.00	40.14 -0.90 0.00
HARDSCRABBLE_WT_PWR 323673	34.15 -0.77 0.00	33.57 -0.76 0.00	30.83 -0.69 0.00	29.19 -0.66 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.43 -0.73 0.00	40.53 -1.08 0.00	40.40 -1.16 0.00	39.89 -1.23 0.00	40.61 -1.25 0.00	39.70 -1.23 0.00	38.83 -1.24 0.00	40.14 -1.24 0.00	39.91 -1.19 0.00	42.18 -1.13 0.00	48.70 -0.84 0.00	54.21 -0.88 0.00	54.05 -0.99 0.00	48.40 -0.84 0.00	48.21 -0.83 0.00	45.16 -0.69 0.00	42.62 -0.65 0.00	40.39 -0.66 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.56 1.64 0.00	35.87 1.54 0.00	32.95 1.42 0.00	31.22 1.37 0.00	33.92 1.49 0.00	37.33 1.71 0.00	41.25 2.21 -0.88	48.73 2.50 -4.62	48.34 2.54 -4.24	46.21 2.59 -2.50	45.71 2.68 -1.17	44.57 2.66 -0.99	43.30 2.60 -0.63	44.80 2.73 -0.69	45.42 2.71 -1.61	50.14 2.90 -3.93	59.74 3.52 -6.68	68.28 4.02 -9.16	64.05 3.96 -5.05	57.19 3.45 -4.50	54.88 3.33 -2.50	50.18 2.93 -1.40	45.91 2.64 0.00	43.26 2.22 0.00
HARSNRAD_115KV_TB1 81005	30.34 -4.57 0.00	30.31 -4.02 0.00	27.68 -3.85 0.00	26.11 -3.73 0.00	28.40 -4.02 0.00	31.38 -4.24 0.00	33.58 -4.58 0.00	35.70 -5.91 0.00	35.70 -5.86 0.00	35.34 -6.21 -0.42	34.74 -5.61 1.51	34.97 -5.85 0.10	34.14 -5.89 0.04	35.43 -5.88 0.07	35.02 -5.96 0.13	36.89 -6.11 0.31	39.95 -6.79 2.81	46.80 -7.88 0.42	46.59 -8.15 0.31	41.63 -7.14 0.47	41.70 -7.41 -0.06	39.24 -6.60 0.00	37.39 -5.89 0.00	36.32 -4.72 0.00
HARZA MOOSE___RIVER 24016	34.95 0.03 0.00	34.36 0.03 0.00	31.59 0.06 0.00	29.87 0.03 0.00	32.43 0.00 0.00	35.77 0.14 0.00	38.50 0.34 0.00	42.15 0.54 0.00	42.02 0.46 0.00	41.45 0.33 0.00	42.16 0.29 0.00	41.13 0.20 0.00	40.23 0.16 0.00	41.63 0.25 0.00	41.39 0.29 0.00	43.74 0.43 0.00	50.14 0.59 0.00	55.87 0.77 0.00	55.65 0.61 0.00	49.83 0.59 0.00	49.58 0.54 0.00	46.26 0.41 0.00	43.58 0.30 0.00	41.25 0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.04 -0.87 0.00	33.50 -0.82 0.00	30.77 -0.76 0.00	29.13 -0.72 0.00	31.65 -0.78 0.00	34.80 -0.82 0.00	37.28 -0.88 0.00	40.57 -1.04 0.00	40.61 -0.96 0.00	40.09 -1.03 0.00	40.86 -1.00 0.00	39.90 -1.02 0.00	39.03 -1.04 0.00	40.39 -0.99 0.00	40.08 -1.03 0.00	42.31 -1.00 0.00	48.51 -1.04 0.00	53.94 -1.16 0.00	53.78 -1.27 0.00	48.11 -1.13 0.00	47.82 -1.23 0.00	44.70 -1.15 0.00	42.15 -1.13 0.00	40.02 -1.03 0.00
HELLGATE_13_KV_LD 55870	37.19 2.27 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.11 3.21 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.05 3.29 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.43 3.16 0.00	43.79 2.75 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.19 2.27 -0.01	36.46 2.13 -0.01	33.49 1.95 -0.01	31.76 1.91 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.81 2.67 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.11 3.21 -2.78	46.47 3.31 -1.30	45.33 3.31 -1.10	44.05 3.29 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.43 3.16 0.00	43.79 2.75 0.00
HEMPSTEAD____ 23647	37.32 2.41 0.00	36.38 2.06 0.00	33.42 1.89 0.00	31.84 2.00 0.00	34.37 1.95 0.00	37.87 2.25 0.00	42.20 3.09 -0.95	50.38 3.50 -5.27	49.80 3.53 -4.71	47.35 3.45 -2.78	46.95 3.77 -1.31	45.72 3.68 -1.11	44.43 3.65 -0.71	47.67 3.80 -2.49	46.69 3.78 -1.80	57.54 3.90 -10.33	73.88 4.66 -19.68	74.18 5.34 -13.74	74.38 5.17 -14.17	69.37 4.53 -15.60	65.18 4.26 -11.87	63.70 3.89 -13.96	46.96 3.68 -0.01	44.08 3.04 0.00
HEWLETT_69_KV_BK3 55828	37.61 2.69 0.00	36.69 2.37 0.00	33.70 2.18 0.00	32.02 2.18 0.00	34.60 2.17 0.00	38.15 2.53 0.00	42.59 3.43 -1.00	50.65 3.79 -5.25	50.14 3.87 -4.71	47.73 3.82 -2.78	47.33 4.14 -1.32	46.09 4.05 -1.12	44.75 3.97 -0.72	48.11 4.10 -2.63	46.94 4.03 -1.81	58.39 4.24 -10.84	75.36 5.10 -20.71	75.12 5.79 -14.24	75.72 5.72 -14.95	71.00 5.02 -16.74	66.55 4.76 -12.75	65.24 4.31 -15.08	47.36 4.07 -0.02	44.50 3.45 0.00
HICKLING___1 23621	33.13 -1.78 0.00	32.78 -1.54 0.00	30.05 -1.48 0.00	28.35 -1.49 0.00	30.80 -1.62 0.00	34.09 -1.53 0.00	36.96 -1.49 -0.29	41.32 -1.87 -1.58	42.05 -1.04 -1.53	40.68 -1.23 -0.79	41.81 -1.72 -1.66	39.67 -1.76 -0.50	38.49 -1.88 -0.31	39.96 -1.78 -0.36	40.14 -1.77 -0.80	43.59 -1.69 -1.97	52.84 -1.78 -5.08	56.98 -1.98 -3.87	55.22 -2.09 -2.27	49.29 -1.82 -1.87	47.61 -2.26 -0.82	44.25 -2.06 -0.46	41.28 -1.99 0.00	39.44 -1.60 0.00
HICKLING___2 23622	33.13 -1.78 0.00	32.78 -1.54 0.00	30.05 -1.48 0.00	28.35 -1.49 0.00	30.80 -1.62 0.00	34.09 -1.53 0.00	36.96 -1.49 -0.29	41.32 -1.87 -1.58	42.05 -1.04 -1.53	40.68 -1.23 -0.79	41.81 -1.72 -1.66	39.67 -1.76 -0.50	38.49 -1.88 -0.31	39.96 -1.78 -0.36	40.14 -1.77 -0.80	43.59 -1.69 -1.97	52.84 -1.78 -5.08	56.98 -1.98 -3.87	55.22 -2.09 -2.27	49.29 -1.82 -1.87	47.61 -2.26 -0.82	44.25 -2.06 -0.46	41.28 -1.99 0.00	39.44 -1.60 0.00
HIGH FALLS___HY 23754	37.04 2.13 0.00	36.35 2.03 0.00	33.36 1.83 0.00	31.57 1.73 0.00	34.40 1.98 0.00	37.97 2.35 0.00	43.13 3.51 -1.46	53.48 3.91 -7.96	52.77 3.91 -7.30	48.24 3.87 -3.26	47.28 3.89 -1.52	46.01 3.81 -1.29	44.61 3.73 -0.82	46.17 3.89 -0.91	47.06 3.86 -2.10	52.68 4.24 -5.13	63.61 5.35 -8.71	74.27 6.01 -13.16	68.14 6.16 -6.94	61.95 5.27 -7.44	58.14 5.10 -4.00	52.65 4.49 -2.31	47.04 3.76 0.00	44.25 3.20 0.00
HIGH_RIVER___SOLAR 323847	36.45 1.53 0.00	35.83 1.51 0.00	32.88 1.35 0.00	31.13 1.28 0.00	33.85 1.43 0.00	37.23 1.60 0.00	50.14 1.87 -10.12	99.01 2.04 -55.37	94.07 1.99 -50.51	55.24 1.73 -12.39	49.33 1.68 -5.79	47.37 1.55 -4.89	44.66 1.48 -3.11	46.44 1.61 -3.45	50.72 1.65 -7.97	64.85 2.04 -19.50	85.31 2.62 -33.14	127.78 3.03 -69.66	90.71 2.97 -32.70	103.48 2.66 -51.58	77.82 2.55 -26.22	64.22 2.34 -16.03	45.39 2.12 0.00	42.97 1.93 0.00

HILLBURN___GT 23639	36.59 1.68 0.00	35.90 1.58 0.00	32.98 1.45 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.37 1.75 0.00	41.23 2.21 -0.86	48.88 2.54 -4.73	48.46 2.58 -4.32	46.30 2.63 -2.55	45.82 2.76 -1.19	44.63 2.70 -1.00	43.39 2.68 -0.64	44.90 2.82 -0.71	45.54 2.80 -1.64	50.26 2.95 -4.01	59.93 3.57 -6.81	68.41 4.13 -9.18	64.10 3.97 -5.10	57.08 3.45 -4.39	54.79 3.29 -2.46	50.19 2.98 -1.37	45.96 2.68 0.00	43.26 2.21 0.00
HILLSIDE_115KV_TB1 80332	32.99 -1.92 0.00	32.61 -1.72 0.00	29.89 -1.64 0.00	28.23 -1.61 0.00	30.71 -1.72 0.00	33.91 -1.71 0.00	36.74 -1.72 -0.30	41.13 -2.12 -1.64	41.51 -1.62 -1.57	40.17 -1.77 -0.82	41.47 -1.93 -1.53	39.45 -1.96 -0.49	38.33 -2.04 -0.30	39.74 -1.99 -0.35	39.92 -1.97 -0.79	43.29 -1.95 -1.93	52.29 -2.08 -4.82	56.65 -2.31 -3.87	54.87 -2.42 -2.25	48.96 -2.17 -1.89	47.34 -2.55 -0.85	43.94 -2.38 -0.48	41.02 -2.25 0.00	39.20 -1.85 0.00
HISHELDN_WT_PWR 323625	30.79 -4.12 0.00	30.68 -3.64 0.00	28.06 -3.47 0.00	26.47 -3.37 0.00	28.79 -3.63 0.00	31.85 -3.78 0.00	34.11 -4.05 0.00	36.53 -5.08 0.00	35.62 -5.94 0.00	35.35 -6.29 -0.52	31.13 -4.94 5.80	35.16 -5.03 0.73	34.62 -5.05 0.40	35.76 -5.09 0.52	35.00 -5.02 1.09	35.44 -5.20 2.67	31.17 -5.80 12.58	45.09 -6.45 3.56	45.87 -6.61 2.56	42.05 -5.81 1.38	43.09 -6.03 -0.08	40.25 -5.59 0.00	38.21 -5.06 0.00	36.94 -4.10 0.00
HOLTSVILLE_IC_1 23690	37.78 2.86 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.26 2.42 0.00	34.69 2.27 0.00	38.12 2.49 0.00	42.73 3.63 -0.95	50.83 3.99 -5.23	50.25 3.99 -4.70	47.64 3.74 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.02 4.25 -0.71	47.64 4.34 -1.92	47.14 4.23 -1.80	56.00 4.33 -8.36	70.47 5.30 -15.62	73.72 6.12 -12.51	72.31 5.95 -11.32	66.38 5.12 -12.02	62.53 4.66 -8.82	60.07 4.40 -9.83	47.44 4.15 -0.01	44.45 3.40 0.00
HOLTSVILLE_IC_10 23699	37.92 3.00 0.00	36.83 2.50 0.00	33.89 2.37 0.00	32.38 2.54 0.00	34.82 2.40 0.00	38.26 2.64 0.00	42.92 3.82 -0.95	51.08 4.25 -5.23	50.46 4.20 -4.70	47.85 3.95 -2.78	47.61 4.44 -1.31	46.36 4.34 -1.11	45.26 4.49 -0.71	47.90 4.59 -1.93	47.38 4.48 -1.80	56.29 4.59 -8.39	70.87 5.65 -15.68	74.17 6.35 -12.52	72.73 6.33 -11.36	66.78 5.47 -12.07	62.92 5.00 -8.87	60.46 4.72 -9.89	47.65 4.37 -0.01	44.66 3.61 0.00
HOLTSVILLE_IC_2 23691	37.78 2.86 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.26 2.42 0.00	34.69 2.27 0.00	38.12 2.49 0.00	42.73 3.63 -0.95	50.83 3.99 -5.23	50.25 3.99 -4.70	47.64 3.74 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.02 4.25 -0.71	47.64 4.34 -1.92	47.14 4.23 -1.80	56.00 4.33 -8.36	70.47 5.30 -15.62	73.72 6.12 -12.51	72.31 5.95 -11.32	66.38 5.12 -12.02	62.53 4.66 -8.82	60.07 4.40 -9.83	47.44 4.15 -0.01	44.45 3.40 0.00
HOLTSVILLE_IC_3 23692	37.78 2.86 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.26 2.42 0.00	34.69 2.27 0.00	38.12 2.49 0.00	42.73 3.63 -0.95	50.83 3.99 -5.23	50.25 3.99 -4.70	47.64 3.74 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.02 4.25 -0.71	47.64 4.34 -1.92	47.14 4.23 -1.80	56.00 4.33 -8.36	70.47 5.30 -15.62	73.72 6.12 -12.51	72.31 5.95 -11.32	66.38 5.12 -12.02	62.53 4.66 -8.82	60.07 4.40 -9.83	47.44 4.15 -0.01	44.45 3.40 0.00
HOLTSVILLE_IC_4 23693	37.78 2.86 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.26 2.42 0.00	34.69 2.27 0.00	38.12 2.49 0.00	42.73 3.63 -0.95	50.83 3.99 -5.23	50.25 3.99 -4.70	47.64 3.74 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.02 4.25 -0.71	47.64 4.34 -1.92	47.14 4.23 -1.80	56.00 4.33 -8.36	70.47 5.30 -15.62	73.72 6.12 -12.51	72.31 5.95 -11.32	66.38 5.12 -12.02	62.53 4.66 -8.82	60.07 4.40 -9.83	47.44 4.15 -0.01	44.45 3.40 0.00
HOLTSVILLE_IC_5 23694	37.78 2.86 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.26 2.42 0.00	34.69 2.27 0.00	38.12 2.49 0.00	42.73 3.63 -0.95	50.83 3.99 -5.23	50.25 3.99 -4.70	47.64 3.74 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.02 4.25 -0.71	47.64 4.34 -1.92	47.14 4.23 -1.80	56.00 4.33 -8.36	70.47 5.30 -15.62	73.72 6.12 -12.51	72.31 5.95 -11.32	66.38 5.12 -12.02	62.53 4.66 -8.82	60.07 4.40 -9.83	47.44 4.15 -0.01	44.45 3.40 0.00
HOLTSVILLE_IC_6 23695	37.92 3.00 0.00	36.83 2.50 0.00	33.89 2.37 0.00	32.38 2.54 0.00	34.82 2.40 0.00	38.26 2.64 0.00	42.92 3.82 -0.95	51.08 4.25 -5.23	50.46 4.20 -4.70	47.85 3.95 -2.78	47.61 4.44 -1.31	46.36 4.34 -1.11	45.26 4.49 -0.71	47.90 4.59 -1.93	47.38 4.48 -1.80	56.29 4.59 -8.39	70.87 5.65 -15.68	74.17 6.35 -12.52	72.73 6.33 -11.36	66.78 5.47 -12.07	62.92 5.00 -8.87	60.46 4.72 -9.89	47.65 4.37 -0.01	44.66 3.61 0.00
HOLTSVILLE_IC_7 23696	37.92 3.00 0.00	36.83 2.50 0.00	33.89 2.37 0.00	32.38 2.54 0.00	34.82 2.40 0.00	38.26 2.64 0.00	42.92 3.82 -0.95	51.08 4.25 -5.23	50.46 4.20 -4.70	47.85 3.95 -2.78	47.61 4.44 -1.31	46.36 4.34 -1.11	45.26 4.49 -0.71	47.90 4.59 -1.93	47.38 4.48 -1.80	56.29 4.59 -8.39	70.87 5.65 -15.68	74.17 6.35 -12.52	72.73 6.33 -11.36	66.78 5.47 -12.07	62.92 5.00 -8.87	60.46 4.72 -9.89	47.65 4.37 -0.01	44.66 3.61 0.00
HOLTSVILLE_IC_8 23697	37.92 3.00 0.00	36.83 2.50 0.00	33.89 2.37 0.00	32.38 2.54 0.00	34.82 2.40 0.00	38.26 2.64 0.00	42.92 3.82 -0.95	51.08 4.25 -5.23	50.46 4.20 -4.70	47.85 3.95 -2.78	47.61 4.44 -1.31	46.36 4.34 -1.11	45.26 4.49 -0.71	47.90 4.59 -1.93	47.38 4.48 -1.80	56.29 4.59 -8.39	70.87 5.65 -15.68	74.17 6.35 -12.52	72.73 6.33 -11.36	66.78 5.47 -12.07	62.92 5.00 -8.87	60.46 4.72 -9.89	47.65 4.37 -0.01	44.66 3.61 0.00
HOLTSVILLE_IC_9 23698	37.92 3.00 0.00	36.83 2.50 0.00	33.89 2.37 0.00	32.38 2.54 0.00	34.82 2.40 0.00	38.26 2.64 0.00	42.92 3.82 -0.95	51.08 4.25 -5.23	50.46 4.20 -4.70	47.85 3.95 -2.78	47.61 4.44 -1.31	46.36 4.34 -1.11	45.26 4.49 -0.71	47.90 4.59 -1.93	47.38 4.48 -1.80	56.29 4.59 -8.39	70.87 5.65 -15.68	74.17 6.35 -12.52	72.73 6.33 -11.36	66.78 5.47 -12.07	62.92 5.00 -8.87	60.46 4.72 -9.89	47.65 4.37 -0.01	44.66 3.61 0.00
HOMER_HL_115KV_TB2 355744	31.77 -3.14 0.00	31.65 -2.68 0.00	28.94 -2.59 0.00	27.28 -2.57 0.00	29.70 -2.72 0.00	32.84 -2.78 0.00	35.26 -2.90 0.00	38.03 -3.58 0.00	38.24 -3.33 0.00	38.06 -3.62 -0.56	39.19 -2.55 0.13	38.46 -2.62 -0.16	37.45 -2.72 -0.10	38.84 -2.65 -0.11	38.65 -2.71 -0.26	41.19 -2.77 -0.65	47.24 -2.92 -0.62	52.59 -3.36 -0.85	52.01 -3.63 -0.60	45.97 -3.15 0.12	44.61 -4.51 -0.08	41.81 -4.03 0.00	39.64 -3.63 0.00	38.17 -2.87 0.00
HOWARD_WT_PWR 323690	31.14 -3.77 0.00	30.89 -3.43 0.00	28.28 -3.25 0.00	26.68 -3.16 0.00	29.02 -3.40 0.00	32.20 -3.42 0.00	34.89 -3.51 -0.24	38.81 -4.12 -1.32	40.78 -2.08 -1.29	39.47 -2.30 -0.65	45.23 -4.15 -7.51	38.07 -4.21 -1.36	36.57 -4.29 -0.79	38.09 -4.26 -0.97	39.09 -4.11 -2.10	44.33 -4.16 -5.17	63.52 -4.46 -18.43	58.09 -4.90 -7.90	55.33 -4.95 -5.24	47.87 -4.28 -2.91	45.10 -4.61 -0.67	41.87 -4.36 -0.38	39.16 -4.11 0.00	37.60 -3.45 0.00

HQ_GEN_CEDARS 23644	35.19 0.28 0.00	34.49 0.17 0.00	31.69 0.16 0.00	29.96 0.12 0.00	32.55 0.13 0.00	35.77 0.14 0.00	38.08 -0.08 0.00	41.73 0.12 0.00	41.56 0.00 0.00	41.16 0.04 0.00	41.82 -0.04 0.00	40.88 -0.04 0.00	40.11 0.04 0.00	41.30 -0.08 0.00	41.02 -0.08 0.00	42.79 -0.52 0.00	48.75 -0.79 0.00	54.16 -0.94 0.00	54.38 -0.66 0.00	48.70 -0.54 0.00	48.65 -0.39 0.00	45.43 -0.41 0.00	42.97 -0.30 0.00	41.21 0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	35.19 0.28 0.00	34.50 0.17 0.00	31.69 0.16 0.00	29.96 0.12 0.00	32.56 0.13 0.00	35.77 0.14 0.00	38.08 -0.08 0.00	41.73 0.13 0.00	41.52 -0.04 0.00	41.16 0.04 0.00	41.82 -0.04 0.00	40.92 0.00 0.00	40.07 0.00 0.00	41.30 -0.08 0.00	40.94 -0.16 0.00	42.92 -0.39 0.00	48.75 -0.79 0.00	54.21 -0.88 0.00	54.38 -0.66 0.00	48.65 -0.59 0.00	48.60 -0.44 0.00	45.43 -0.41 0.00	42.97 -0.30 0.00	41.21 0.16 0.00
HQ_GEN_IMPORT 323601	34.91 0.00 0.00	34.29 -0.03 0.00	31.50 -0.03 0.00	29.81 -0.03 0.00	32.39 -0.03 0.00	35.59 -0.04 0.00	38.00 -0.15 0.00	41.53 -0.08 0.00	41.44 -0.12 0.00	41.04 -0.08 0.00	41.70 -0.17 0.00	40.80 -0.12 0.00	39.95 -0.12 0.00	41.21 -0.16 0.00	40.90 -0.20 0.00	43.05 -0.26 0.00	49.10 -0.45 0.00	54.60 -0.50 0.00	54.60 -0.44 0.00	48.90 -0.34 0.00	48.80 -0.24 0.00	45.62 -0.23 0.00	43.10 -0.17 0.00	41.00 -0.04 0.00
HQ_GEN_WHEEL 23651	34.91 0.00 0.00	34.29 -0.03 0.00	31.50 -0.03 0.00	29.81 -0.03 0.00	32.39 -0.03 0.00	35.59 -0.04 0.00	38.00 -0.15 0.00	41.53 -0.08 0.00	41.44 -0.12 0.00	41.04 -0.08 0.00	41.70 -0.17 0.00	40.80 -0.12 0.00	39.95 -0.12 0.00	41.21 -0.16 0.00	40.90 -0.20 0.00	43.05 -0.26 0.00	49.10 -0.45 0.00	54.60 -0.50 0.00	54.60 -0.44 0.00	48.90 -0.34 0.00	48.80 -0.24 0.00	45.62 -0.23 0.00	43.10 -0.17 0.00	41.00 -0.04 0.00
HUDSON AVE_GT_3 23810	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	44.01 3.25 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.35 4.68 -5.63	58.28 4.04 -5.00	55.75 3.92 -2.78	50.88 3.48 -1.55	46.43 3.16 0.00	43.67 2.63 0.00
HUDSON AVE_GT_4 23540	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	44.01 3.25 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.35 4.68 -5.63	58.28 4.04 -5.00	55.75 3.92 -2.78	50.88 3.48 -1.55	46.43 3.16 0.00	43.67 2.63 0.00
HUDSON AVE_GT_5 23657	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	44.01 3.25 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.35 4.68 -5.63	58.28 4.04 -5.00	55.75 3.92 -2.78	50.88 3.48 -1.55	46.43 3.16 0.00	43.67 2.63 0.00
HUDSON_AVE_10 24168	36.87 1.96 0.00	36.18 1.85 0.00	33.23 1.70 0.00	31.52 1.67 0.00	34.24 1.82 0.00	37.62 1.99 0.00	41.62 2.48 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.09 4.11 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.34 3.07 0.00	43.59 2.54 0.00
HUDSON___115KV_TB 4 355613	37.11 2.20 0.00	36.49 2.16 0.00	33.48 1.95 0.00	31.69 1.85 0.00	34.50 2.08 0.00	37.83 2.21 0.00	44.77 2.37 -4.25	67.39 2.54 -23.24	65.37 2.54 -21.27	50.11 2.47 -6.53	47.43 2.51 -3.05	45.99 2.50 -2.58	44.11 2.40 -1.64	45.72 2.52 -1.82	47.81 2.51 -4.20	56.36 2.77 -10.27	70.37 3.37 -17.46	90.85 3.80 -31.95	74.54 3.85 -15.65	74.26 3.35 -21.67	63.53 3.29 -11.20	55.61 3.03 -6.74	46.30 3.03 0.00	43.75 2.71 0.00
HUNTER MOUNT___DRP 323613	37.32 2.41 0.00	36.69 2.37 0.00	33.67 2.14 0.00	31.84 2.00 0.00	34.69 2.27 0.00	38.05 2.42 0.00	44.30 2.48 -3.67	64.28 2.62 -20.05	62.53 2.62 -18.35	49.54 2.55 -5.87	47.12 2.51 -2.74	45.74 2.50 -2.32	43.95 2.40 -1.47	45.54 2.52 -1.63	47.39 2.51 -3.78	55.42 2.86 -9.25	68.73 3.47 -15.71	87.14 3.97 -28.07	72.98 4.07 -13.87	71.43 3.50 -18.69	62.17 3.43 -9.70	54.77 3.12 -5.81	46.60 3.33 0.00	44.04 3.00 0.00
HUNTINGTON_RES_REC 323705	37.64 2.73 0.00	36.59 2.26 0.00	33.61 2.08 0.00	32.11 2.27 0.00	34.56 2.14 0.00	38.05 2.42 0.00	42.58 3.47 -0.95	50.71 3.87 -5.23	50.13 3.87 -4.70	47.60 3.70 -2.78	47.28 4.11 -1.31	46.04 4.01 -1.11	44.86 4.09 -0.71	47.49 4.18 -1.93	47.05 4.15 -1.80	56.00 4.29 -8.40	70.57 5.30 -15.71	73.64 6.01 -12.53	72.32 5.89 -11.38	66.51 5.17 -12.10	62.64 4.71 -8.89	60.13 4.36 -9.92	47.35 4.07 -0.01	44.37 3.32 0.00
HUNTLEY___63 23557	30.62 -4.29 0.00	30.58 -3.74 0.00	27.93 -3.59 0.00	26.32 -3.52 0.00	28.66 -3.76 0.00	31.67 -3.95 0.00	33.88 -4.27 0.00	36.08 -5.53 0.00	36.08 -5.49 0.00	35.72 -5.84 -0.44	35.09 -5.15 1.62	35.41 -5.40 0.11	34.57 -5.45 0.05	35.84 -5.46 0.08	35.41 -5.55 0.15	37.33 -5.63 0.36	40.18 -6.34 3.02	47.29 -7.33 0.48	47.09 -7.60 0.35	42.05 -6.70 0.49	42.10 -7.01 -0.07	39.66 -6.19 0.00	37.78 -5.50 0.00	36.65 -4.39 0.00
HUNTLEY___64 23558	30.62 -4.29 0.00	30.58 -3.74 0.00	27.93 -3.59 0.00	26.32 -3.52 0.00	28.66 -3.76 0.00	31.67 -3.95 0.00	33.88 -4.27 0.00	36.08 -5.53 0.00	36.08 -5.49 0.00	35.72 -5.84 -0.44	35.09 -5.15 1.62	35.41 -5.40 0.11	34.57 -5.45 0.05	35.84 -5.46 0.08	35.41 -5.55 0.15	37.33 -5.63 0.36	40.18 -6.34 3.02	47.29 -7.33 0.48	47.09 -7.60 0.35	42.05 -6.70 0.49	42.10 -7.01 -0.07	39.66 -6.19 0.00	37.78 -5.50 0.00	36.65 -4.39 0.00
HUNTLEY___65 23559	30.62 -4.29 0.00	30.58 -3.74 0.00	27.93 -3.59 0.00	26.32 -3.52 0.00	28.66 -3.76 0.00	31.67 -3.95 0.00	33.88 -4.27 0.00	36.08 -5.53 0.00	36.08 -5.49 0.00	35.72 -5.84 -0.44	35.09 -5.15 1.62	35.41 -5.40 0.11	34.57 -5.45 0.05	35.84 -5.46 0.08	35.41 -5.55 0.15	37.33 -5.63 0.36	40.18 -6.34 3.02	47.29 -7.33 0.48	47.09 -7.60 0.35	42.05 -6.70 0.49	42.10 -7.01 -0.07	39.66 -6.19 0.00	37.78 -5.50 0.00	36.65 -4.39 0.00
HUNTLEY___66 23560	30.62 -4.29 0.00	30.58 -3.74 0.00	27.93 -3.59 0.00	26.32 -3.52 0.00	28.66 -3.76 0.00	31.67 -3.95 0.00	33.88 -4.27 0.00	36.08 -5.53 0.00	36.08 -5.49 0.00	35.72 -5.84 -0.44	35.09 -5.15 1.62	35.41 -5.40 0.11	34.57 -5.45 0.05	35.84 -5.46 0.08	35.41 -5.55 0.15	37.33 -5.63 0.36	40.18 -6.34 3.02	47.29 -7.33 0.48	47.09 -7.60 0.35	42.05 -6.70 0.49	42.10 -7.01 -0.07	39.66 -6.19 0.00	37.78 -5.50 0.00	36.65 -4.39 0.00



HUNTLEY___67 23561	30.48 -4.43 0.00	30.41 -3.91 0.00	27.81 -3.72 0.00	26.23 -3.61 0.00	28.53 -3.89 0.00	31.53 -4.10 0.00	33.73 -4.43 0.00	35.91 -5.70 0.00	35.91 -5.65 0.00	35.57 -6.00 -0.45	34.54 -5.44 1.89	35.20 -5.57 0.16	34.38 -5.61 0.08	35.64 -5.63 0.11	35.21 -5.67 0.22	36.91 -5.89 0.51	39.35 -6.59 3.61	46.88 -7.55 0.67	46.73 -7.82 0.50	41.79 -6.89 0.56	41.95 -7.16 -0.07	39.47 -6.37 0.00	37.56 -5.71 0.00	36.45 -4.60 0.00
HUNTLEY___68 23562	30.48 -4.43 0.00	30.41 -3.91 0.00	27.81 -3.72 0.00	26.23 -3.61 0.00	28.53 -3.89 0.00	31.53 -4.10 0.00	33.73 -4.43 0.00	35.91 -5.70 0.00	35.91 -5.65 0.00	35.57 -6.00 -0.45	34.54 -5.44 1.89	35.20 -5.57 0.16	34.38 -5.61 0.08	35.64 -5.63 0.11	35.21 -5.67 0.22	36.91 -5.89 0.51	39.35 -6.59 3.61	46.88 -7.55 0.67	46.73 -7.82 0.50	41.79 -6.89 0.56	41.95 -7.16 -0.07	39.47 -6.37 0.00	37.56 -5.71 0.00	36.45 -4.60 0.00
HYLAND___LFG 323620	33.24 -1.68 0.00	33.02 -1.30 0.00	30.21 -1.32 0.00	28.47 -1.37 0.00	30.97 -1.46 0.00	34.31 -1.32 0.00	37.13 -1.03 0.00	39.90 -1.71 0.00	41.02 -0.54 0.00	40.81 -0.82 -0.52	47.96 -2.01 -8.10	40.12 -2.21 -1.41	38.52 -2.36 -0.82	40.19 -2.19 -1.01	41.14 -2.14 -2.17	46.89 -1.78 -5.36	67.82 -1.34 -19.61	60.82 -1.38 -7.09	58.58 -1.54 -5.08	49.56 -1.43 -1.74	47.65 -1.47 -0.07	44.38 -1.47 0.00	41.80 -1.47 0.00	40.02 -1.02 0.00
INDECK___CORINTH 23802	37.01 2.09 0.00	36.35 2.02 0.00	33.36 1.83 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.76 2.14 0.00	50.37 2.52 -9.69	97.41 2.75 -53.05	92.79 2.83 -48.40	55.93 2.80 -12.01	50.36 2.89 -5.61	48.53 2.86 -4.74	45.81 2.73 -3.01	47.57 2.85 -3.34	51.71 2.88 -7.73	64.08 1.86 -18.91	83.85 2.18 -32.13	124.73 2.59 -67.04	89.11 2.53 -31.54	100.89 2.22 -49.43	76.25 2.06 -25.15	63.18 1.97 -15.37	45.01 1.73 0.00	43.63 2.59 0.00
INDECK___ILION 23567	34.84 -0.07 0.00	34.25 -0.07 0.00	31.47 -0.06 0.00	29.78 -0.06 0.00	32.36 -0.06 0.00	35.55 -0.07 0.00	38.16 0.00 0.00	40.99 -0.62 0.00	40.82 -0.75 0.00	40.30 -0.82 0.00	41.03 -0.84 0.00	40.06 -0.86 0.00	39.23 -0.84 0.00	40.51 -0.87 0.00	40.32 -0.78 0.00	42.66 -0.65 0.00	49.65 0.10 0.00	55.26 0.17 0.00	55.10 0.06 0.00	49.34 0.10 0.00	49.14 0.10 0.00	45.94 0.09 0.00	43.36 0.09 0.00	41.09 0.04 0.00
INDECK___OLEAN 23982	31.77 -3.14 0.00	31.65 -2.68 0.00	28.94 -2.58 0.00	27.28 -2.57 0.00	29.70 -2.72 0.00	32.84 -2.78 0.00	35.26 -2.90 0.00	38.03 -3.58 0.00	38.20 -3.37 0.00	38.06 -3.62 -0.56	39.19 -2.56 0.13	38.42 -2.66 -0.16	37.49 -2.68 -0.10	38.84 -2.65 -0.11	38.78 -2.59 -0.26	41.19 -2.77 -0.65	47.19 -2.97 -0.62	52.64 -3.30 -0.85	52.06 -3.58 -0.60	46.02 -3.10 0.12	44.71 -4.41 -0.08	41.81 -4.03 0.00	39.64 -3.63 0.00	38.17 -2.87 0.00
INDECK___OSWEGO 23783	33.73 -1.19 0.00	33.22 -1.10 0.00	30.52 -1.01 0.00	28.89 -0.96 0.00	31.39 -1.04 0.00	34.48 -1.14 0.00	36.86 -1.30 0.00	40.15 -1.46 0.00	40.11 -1.46 0.00	39.64 -1.48 0.00	40.40 -1.47 0.00	39.45 -1.47 0.00	38.59 -1.48 0.00	39.93 -1.45 0.00	39.66 -1.44 0.00	41.84 -1.47 0.00	47.96 -1.59 0.00	53.33 -1.77 0.00	53.23 -1.82 0.00	47.62 -1.62 0.00	47.38 -1.67 0.00	44.24 -1.61 0.00	41.76 -1.52 0.00	39.57 -1.48 0.00
INDECK___YERKES 23781	30.62 -4.30 0.00	30.62 -3.71 0.00	27.97 -3.56 0.00	26.35 -3.49 0.00	28.66 -3.76 0.00	31.70 -3.92 0.00	33.92 -4.24 0.00	36.12 -5.49 0.00	35.99 -5.57 0.00	35.77 -5.80 -0.44	35.09 -5.15 1.62	35.41 -5.40 0.11	34.65 -5.37 0.05	35.88 -5.42 0.08	35.53 -5.43 0.15	37.37 -5.59 0.36	40.18 -6.34 3.02	47.41 -7.22 0.48	47.15 -7.54 0.35	42.10 -6.65 0.49	42.39 -6.72 -0.07	39.70 -6.14 0.00	37.82 -5.45 0.00	36.69 -4.35 0.00
INDIAN POINT_GT_1 24139	36.73 1.82 0.00	36.04 1.72 0.00	33.11 1.58 0.00	31.37 1.52 0.00	34.08 1.65 0.00	37.51 1.89 0.00	41.48 2.37 -0.96	49.32 2.70 -5.00	48.86 2.70 -4.59	46.59 2.76 -2.72	46.03 2.89 -1.27	44.86 2.86 -1.07	43.60 2.84 -0.68	45.11 2.98 -0.76	45.77 2.92 -1.75	50.71 3.12 -4.28	60.53 3.72 -7.27	69.33 4.24 -9.99	64.73 4.18 -5.51	57.73 3.59 -4.89	55.30 3.53 -2.72	50.53 3.16 -1.52	46.13 2.86 0.00	43.43 2.38 0.00
INDIAN POINT_GT_2 23659	36.73 1.82 0.00	36.04 1.72 0.00	33.11 1.58 0.00	31.37 1.52 0.00	34.08 1.65 0.00	37.51 1.89 0.00	41.48 2.37 -0.96	49.32 2.70 -5.00	48.86 2.70 -4.59	46.59 2.76 -2.72	46.03 2.89 -1.27	44.86 2.86 -1.07	43.60 2.84 -0.68	45.11 2.98 -0.76	45.77 2.92 -1.75	50.71 3.12 -4.28	60.53 3.72 -7.27	69.33 4.24 -9.99	64.73 4.18 -5.51	57.73 3.59 -4.89	55.30 3.53 -2.72	50.53 3.16 -1.52	46.13 2.86 0.00	43.43 2.38 0.00
INDIAN POINT_GT_3 24019	36.73 1.82 0.00	36.04 1.72 0.00	33.11 1.58 0.00	31.37 1.52 0.00	34.08 1.65 0.00	37.51 1.89 0.00	41.48 2.37 -0.96	49.32 2.70 -5.00	48.86 2.70 -4.59	46.59 2.76 -2.72	46.03 2.89 -1.27	44.86 2.86 -1.07	43.60 2.84 -0.68	45.11 2.98 -0.76	45.77 2.92 -1.75	50.71 3.12 -4.28	60.53 3.72 -7.27	69.33 4.24 -9.99	64.73 4.18 -5.51	57.73 3.59 -4.89	55.30 3.53 -2.72	50.53 3.16 -1.52	46.13 2.86 0.00	43.43 2.38 0.00
INDIAN POINT___2 23530	36.66 1.74 0.00	35.97 1.65 0.00	33.04 1.51 0.00	31.31 1.46 0.00	34.01 1.59 0.00	37.40 1.78 0.00	41.30 2.25 -0.90	49.11 2.58 -4.92	48.67 2.62 -4.49	46.45 2.67 -2.65	45.91 2.81 -1.24	44.75 2.78 -1.05	43.50 2.76 -0.67	44.97 2.85 -0.74	45.69 2.88 -1.71	50.48 2.99 -4.18	60.26 3.62 -7.10	68.85 4.19 -9.57	64.38 4.02 -5.32	57.31 3.50 -4.57	54.94 3.34 -2.56	50.29 3.03 -1.42	46.00 2.73 0.00	43.34 2.30 0.00
INDIAN POINT___3 23531	36.69 1.78 0.00	36.01 1.68 0.00	33.07 1.54 0.00	31.34 1.49 0.00	34.05 1.62 0.00	37.48 1.85 0.00	41.41 2.29 -0.96	49.24 2.62 -5.01	48.82 2.66 -4.59	46.55 2.71 -2.72	45.98 2.85 -1.27	44.82 2.82 -1.07	43.52 2.76 -0.68	45.03 2.90 -0.76	45.69 2.84 -1.75	50.62 3.03 -4.28	60.44 3.62 -7.28	69.22 4.13 -9.99	64.63 4.07 -5.51	57.68 3.55 -4.89	55.20 3.43 -2.72	50.48 3.12 -1.52	46.09 2.81 0.00	43.38 2.34 0.00
INGHAM_C_115KV_TB7 356103	34.39 -0.52 0.00	33.77 -0.55 0.00	31.06 -0.47 0.00	29.40 -0.45 0.00	31.94 -0.49 0.00	35.09 -0.53 0.00	37.66 -0.50 0.00	40.69 -0.92 0.00	40.52 -1.04 0.00	40.01 -1.11 0.00	40.78 -1.09 0.00	39.82 -1.10 0.00	38.95 -1.12 0.00	40.26 -1.12 0.00	40.04 -1.07 0.00	42.36 -0.95 0.00	49.00 -0.55 0.00	54.55 -0.55 0.00	54.44 -0.61 0.00	48.70 -0.54 0.00	48.50 -0.54 0.00	45.39 -0.46 0.00	42.84 -0.43 0.00	40.63 -0.41 0.00
IP CORINTH___1 23988	37.01 2.09 0.00	36.35 2.03 0.00	33.36 1.83 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.76 2.14 0.00	50.36 2.52 -9.69	97.26 2.75 -52.90	92.79 2.83 -48.40	55.93 2.80 -12.01	50.37 2.89 -5.61	48.53 2.86 -4.74	45.81 2.72 -3.01	47.58 2.86 -3.34	51.67 2.84 -7.73	64.30 2.08 -18.91	84.10 2.43 -32.13	125.02 2.92 -67.00	89.38 2.81 -31.53	101.09 2.46 -49.39	76.53 2.35 -25.13	63.40 2.20 -15.35	45.22 1.95 0.00	43.63 2.59 0.00

IP___TICONDEROGA 23804	37.85 2.93 0.00	37.21 2.88 0.00	34.11 2.59 0.00	32.26 2.42 0.00	35.15 2.72 0.00	38.69 3.06 0.00	51.38 3.62 -9.60	97.97 3.95 -52.41	93.67 4.16 -47.95	57.15 4.11 -11.92	51.66 4.23 -5.57	49.80 4.17 -4.71	46.98 3.93 -2.99	48.83 4.14 -3.32	52.93 4.15 -7.67	65.72 3.64 -18.77	85.80 4.36 -31.89	126.65 5.12 -66.43	91.26 4.95 -31.27	102.51 4.33 -48.93	78.06 4.12 -24.90	64.86 3.81 -15.21	46.69 3.42 0.00	44.78 3.74 0.00
ISLIP_RES_REC 323679	38.06 3.14 0.00	36.97 2.64 0.00	33.99 2.46 0.00	32.50 2.66 0.00	34.96 2.53 0.00	38.40 2.78 0.00	43.11 4.01 -0.95	51.29 4.45 -5.23	50.67 4.40 -4.70	48.01 4.11 -2.78	47.82 4.65 -1.31	46.57 4.54 -1.11	45.46 4.69 -0.71	48.11 4.80 -1.93	47.59 4.68 -1.80	56.57 4.85 -8.41	71.21 5.94 -15.72	74.52 6.89 -12.54	73.09 6.66 -11.39	67.11 5.76 -12.10	63.19 5.25 -8.90	60.73 4.95 -9.93	47.87 4.58 -0.01	44.82 3.77 0.00
JAMAICA__27_KV_LOAD 355505	36.94 2.03 0.00	36.25 1.92 0.00	33.29 1.77 0.00	31.57 1.73 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.81 2.67 -0.98	49.92 3.20 -5.11	49.49 3.24 -4.69	47.31 3.41 -2.78	46.64 3.47 -1.30	45.50 3.48 -1.10	44.17 3.41 -0.70	45.71 3.56 -0.77	46.43 3.53 -1.79	51.41 3.72 -4.37	61.39 4.41 -7.43	70.37 5.07 -10.21	65.63 4.95 -5.63	58.47 4.23 -5.00	55.99 4.17 -2.78	51.20 3.81 -1.55	46.60 3.33 0.00	43.75 2.71 0.00
JANIS___SOLAR 323808	35.44 0.52 0.00	34.91 0.58 0.00	32.10 0.57 0.00	30.32 0.48 0.00	32.91 0.49 0.00	36.44 0.82 0.00	39.88 1.26 -0.46	52.77 6.37 -4.80	52.02 6.07 -4.39	47.84 4.97 -1.75	47.33 4.65 -0.82	46.03 4.42 -0.69	44.67 4.17 -0.44	46.37 4.51 -0.48	47.03 4.81 -1.12	52.16 6.11 -2.74	62.24 8.03 -4.67	61.65 2.42 -4.13	59.47 2.26 -2.17	53.69 2.07 -2.38	52.17 1.86 -1.26	48.14 1.56 -0.73	44.62 1.34 0.00	42.24 1.19 0.00
JARVIS____ 23743	35.02 0.11 0.00	34.43 0.10 0.00	31.62 0.09 0.00	29.93 0.09 0.00	32.52 0.10 0.00	35.73 0.11 0.00	38.31 0.15 0.00	41.78 0.17 0.00	41.73 0.17 0.00	41.29 0.17 0.00	42.08 0.21 0.00	41.13 0.21 0.00	40.27 0.20 0.00	41.59 0.21 0.00	41.31 0.21 0.00	43.53 0.22 0.00	49.80 0.25 0.00	55.37 0.28 0.00	55.32 0.28 0.00	49.49 0.25 0.00	49.24 0.20 0.00	46.08 0.23 0.00	43.49 0.22 0.00	41.21 0.16 0.00
JENNISON___1 23625	35.61 0.70 0.00	35.08 0.76 0.00	32.25 0.73 0.00	30.47 0.63 0.00	33.07 0.65 0.00	36.55 0.93 0.00	40.36 1.45 -0.75	48.57 2.87 -4.09	48.82 2.87 -4.39	45.25 2.38 -1.75	45.03 2.34 -0.82	43.82 2.21 -0.69	42.51 2.00 -0.44	44.10 2.23 -0.48	44.53 2.30 -1.12	49.00 2.95 -2.74	58.03 3.82 -4.67	64.30 2.75 -6.45	60.85 2.48 -3.33	55.38 2.27 -3.87	53.15 2.06 -2.04	48.83 1.79 -1.20	44.87 1.60 0.00	42.48 1.44 0.00
JENNISON___2 23626	35.61 0.70 0.00	35.08 0.76 0.00	32.25 0.73 0.00	30.47 0.63 0.00	33.07 0.65 0.00	36.55 0.93 0.00	40.36 1.45 -0.75	48.57 2.87 -4.09	48.82 2.87 -4.39	45.25 2.38 -1.75	45.03 2.34 -0.82	43.82 2.21 -0.69	42.51 2.00 -0.44	44.10 2.23 -0.48	44.53 2.30 -1.12	49.00 2.95 -2.74	58.03 3.82 -4.67	64.30 2.75 -6.45	60.85 2.48 -3.33	55.38 2.27 -3.87	53.15 2.06 -2.04	48.83 1.79 -1.20	44.87 1.60 0.00	42.48 1.44 0.00
JERICHO_RISE_WT_PWR 323719	34.29 -0.63 0.00	33.60 -0.72 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.01 -1.14 0.00	40.57 -1.04 0.00	40.40 -1.16 0.00	40.05 -1.07 0.00	40.65 -1.22 0.00	39.73 -1.19 0.00	38.99 -1.08 0.00	40.14 -1.24 0.00	39.75 -1.36 0.00	41.84 -1.47 0.00	47.71 -1.83 0.00	53.06 -2.04 0.00	53.23 -1.82 0.00	47.66 -1.58 0.00	47.62 -1.42 0.00	44.56 -1.28 0.00	42.15 -1.13 0.00	40.31 -0.74 0.00
KATONAH___115KV_46KV_TB4 355592	37.04 2.13 0.00	36.35 2.03 0.00	33.39 1.86 0.00	31.66 1.82 0.00	34.40 1.98 0.00	37.90 2.28 0.00	41.95 2.79 -1.01	50.04 3.16 -5.27	49.60 3.20 -4.84	47.18 3.21 -2.85	46.51 3.31 -1.33	45.36 3.31 -1.12	44.03 3.25 -0.71	45.56 3.39 -0.79	46.27 3.33 -1.83	51.35 3.55 -4.49	61.43 4.26 -7.62	70.56 4.96 -10.50	65.67 4.84 -5.79	58.59 4.19 -5.16	56.03 4.12 -2.87	51.16 3.71 -1.60	46.65 3.38 0.00	43.88 2.83 0.00
KCE_NY_1 323755	36.87 1.95 0.00	36.24 1.92 0.00	33.26 1.73 0.00	31.48 1.64 0.00	34.24 1.81 0.00	37.62 1.99 0.00	49.92 2.29 -9.48	95.93 2.45 -51.87	91.38 2.49 -47.32	55.38 2.47 -11.80	49.93 2.55 -5.51	48.12 2.54 -4.66	45.47 2.44 -2.96	47.18 2.52 -3.28	51.25 2.55 -7.59	64.35 2.47 -18.57	83.97 2.87 -31.55	124.05 3.31 -65.65	89.20 3.25 -30.91	100.47 2.90 -48.33	76.43 2.79 -24.60	63.48 2.61 -15.02	45.69 2.42 0.00	43.47 2.42 0.00
KCE_NY_6_ESR 323823	30.90 -4.01 0.00	30.86 -3.47 0.00	28.19 -3.34 0.00	26.56 -3.28 0.00	28.92 -3.50 0.00	31.99 -3.63 0.00	34.23 -3.93 0.00	36.57 -5.04 0.00	36.37 -5.20 0.00	36.13 -5.47 -0.48	35.21 -4.65 2.01	36.02 -4.75 0.16	35.26 -4.73 0.08	36.50 -4.76 0.12	36.16 -4.73 0.22	37.79 -4.98 0.54	40.09 -5.60 3.85	48.10 -6.28 0.72	47.96 -6.55 0.53	42.91 -5.76 0.57	42.98 -6.13 -0.07	40.25 -5.59 0.00	38.30 -4.97 0.00	37.10 -3.94 0.00
KEDC_PORT_JEFF_GT2 24210	37.88 2.97 0.00	36.83 2.50 0.00	33.86 2.33 0.00	32.35 2.51 0.00	34.79 2.37 0.00	38.22 2.60 0.00	42.88 3.78 -0.95	51.04 4.20 -5.23	50.42 4.16 -4.70	47.81 3.91 -2.78	47.57 4.39 -1.31	46.32 4.30 -1.11	45.22 4.45 -0.71	47.85 4.55 -1.92	47.34 4.44 -1.80	56.24 4.55 -8.38	70.81 5.60 -15.66	74.11 6.50 -12.52	72.72 6.33 -11.35	66.71 5.42 -12.05	62.85 4.95 -8.85	60.39 4.68 -9.87	47.65 4.37 -0.01	44.61 3.57 0.00
KEDC_PORT_JEFF_GT3 24211	37.88 2.97 0.00	36.83 2.50 0.00	33.86 2.33 0.00	32.35 2.51 0.00	34.79 2.37 0.00	38.22 2.60 0.00	42.88 3.78 -0.95	51.04 4.20 -5.23	50.42 4.16 -4.70	47.81 3.91 -2.78	47.57 4.39 -1.31	46.32 4.30 -1.11	45.22 4.45 -0.71	47.85 4.55 -1.92	47.34 4.44 -1.80	56.24 4.55 -8.38	70.81 5.60 -15.66	74.11 6.50 -12.52	72.72 6.33 -11.35	66.71 5.42 -12.05	62.85 4.95 -8.85	60.39 4.68 -9.87	47.65 4.37 -0.01	44.61 3.57 0.00
KEDC_GLWD_GT4 24219	37.32 2.41 0.00	36.49 2.16 0.00	33.52 1.99 0.00	31.87 2.03 0.00	34.47 2.04 0.00	37.94 2.31 0.00	42.16 3.05 -0.95	50.35 3.45 -5.29	49.80 3.53 -4.71	47.39 3.49 -2.78	46.91 3.72 -1.32	45.72 3.68 -1.11	44.43 3.65 -0.71	47.90 3.76 -2.76	46.69 3.78 -1.81	58.54 3.94 -11.29	75.59 4.41 -21.63	74.49 5.07 -14.33	75.48 4.90 -15.54	70.81 4.24 -17.33	66.70 4.32 -13.33	65.74 3.94 -15.95	46.92 3.64 -0.02	44.13 3.08 0.00
KEDC_GLWD_GT5 24220	37.32 2.41 0.00	36.49 2.16 0.00	33.52 1.99 0.00	31.87 2.03 0.00	34.47 2.04 0.00	37.94 2.31 0.00	42.16 3.05 -0.95	50.35 3.45 -5.29	49.80 3.53 -4.71	47.39 3.49 -2.78	46.91 3.72 -1.32	45.72 3.68 -1.11	44.43 3.65 -0.71	47.90 3.76 -2.76	46.69 3.78 -1.81	58.54 3.94 -11.29	75.59 4.41 -21.63	74.49 5.07 -14.33	75.48 4.90 -15.54	70.81 4.24 -17.33	66.70 4.32 -13.33	65.74 3.94 -15.95	46.92 3.64 -0.02	44.13 3.08 0.00

KENSICO____ 23655	36.87 1.96 0.00	36.14 1.82 0.00	33.20 1.67 0.00	31.49 1.64 0.00	34.21 1.78 0.00	37.62 1.99 0.00	41.61 2.48 -0.97	49.51 2.83 -5.08	49.09 2.87 -4.66	46.80 2.92 -2.76	46.21 3.06 -1.29	45.04 3.03 -1.09	43.77 3.01 -0.69	45.29 3.14 -0.77	45.96 3.08 -1.78	50.95 3.29 -4.35	60.85 3.91 -7.39	69.70 4.46 -10.14	65.04 4.40 -5.59	58.00 3.79 -4.97	55.49 3.68 -2.76	50.74 3.35 -1.54	46.30 3.03 0.00	43.59 2.54 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.01 2.09 0.00	36.31 1.99 0.00	33.36 1.83 0.00	31.57 1.73 0.00	34.40 1.98 0.00	37.90 2.28 0.00	42.68 3.28 -1.24	51.98 3.66 -6.71	51.33 3.62 -6.15	47.64 3.58 -2.95	46.84 3.60 -1.38	45.60 3.52 -1.16	44.25 3.45 -0.74	45.80 3.60 -0.82	46.62 3.62 -1.90	51.89 3.94 -4.64	62.38 4.95 -7.88	72.31 5.62 -11.59	66.95 5.72 -6.18	60.49 4.92 -6.32	57.23 4.76 -3.42	52.03 4.22 -1.96	46.86 3.59 0.00	44.12 3.08 0.00
KIAC_JFK_GT1 23816	36.76 1.85 0.00	36.04 1.72 0.00	33.14 1.61 0.00	31.43 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.58 2.44 -0.98	49.71 3.00 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.43 3.27 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.50 3.35 -0.77	46.18 3.29 -1.79	51.19 3.51 -4.37	60.89 3.91 -7.43	69.82 4.52 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.50 3.68 -2.78	50.93 3.53 -1.55	46.34 3.07 0.00	43.55 2.50 0.00
KIAC_JFK_GT2 23817	36.76 1.85 0.00	36.04 1.72 0.00	33.14 1.61 0.00	31.43 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.58 2.44 -0.98	49.71 3.00 -5.11	49.29 3.03 -4.69	47.06 3.17 -2.78	46.43 3.27 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.50 3.35 -0.77	46.18 3.29 -1.79	51.19 3.51 -4.37	60.89 3.91 -7.43	69.82 4.52 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.50 3.68 -2.78	50.93 3.53 -1.55	46.34 3.07 0.00	43.55 2.50 0.00
KIAC_JFK____ 323774	36.76 1.85 0.00	36.04 1.72 0.00	33.14 1.61 0.00	31.42 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.54 2.44 -0.94	49.74 3.00 -5.14	49.28 3.03 -4.69	47.06 3.17 -2.78	46.43 3.27 -1.30	45.25 3.23 -1.10	43.97 3.21 -0.70	45.50 3.35 -0.77	46.26 3.37 -1.79	51.19 3.51 -4.37	60.94 3.97 -7.43	69.74 4.63 -10.02	65.07 4.46 -5.57	57.86 3.84 -4.78	55.30 3.58 -2.68	50.86 3.53 -1.49	46.35 3.07 0.00	43.55 2.50 0.00
KINTIGH____ 23543	30.83 -4.08 0.00	30.72 -3.60 0.00	28.09 -3.44 0.00	26.56 -3.28 0.00	28.86 -3.57 0.00	31.85 -3.78 0.00	34.07 -4.08 0.00	36.37 -5.24 0.00	36.45 -5.11 0.00	36.15 -5.35 -0.38	35.63 -5.32 0.92	35.51 -5.40 0.01	34.66 -5.41 0.00	35.95 -5.42 0.01	35.60 -5.51 0.00	37.58 -5.72 0.01	41.65 -6.39 1.50	47.80 -7.27 0.03	47.48 -7.54 0.02	42.21 -6.70 0.34	42.53 -6.57 -0.06	39.93 -5.91 0.00	37.95 -5.32 0.00	36.69 -4.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.77 -0.14 0.00	34.05 -0.27 0.00	31.21 -0.32 0.00	29.52 -0.33 0.00	32.10 -0.32 0.00	35.34 -0.28 0.00	37.36 -0.80 0.00	40.99 -0.62 0.00	40.73 -0.83 0.00	40.42 -0.70 0.00	41.07 -0.80 0.00	40.14 -0.78 0.00	39.39 -0.68 0.00	40.55 -0.83 0.00	40.16 -0.95 0.00	42.23 -1.08 0.00	48.16 -1.39 0.00	53.61 -1.49 0.00	53.94 -1.10 0.00	48.36 -0.89 0.00	48.26 -0.78 0.00	45.11 -0.73 0.00	42.62 -0.65 0.00	40.92 -0.12 0.00
LACHUTE__HYDRO 323717	37.85 2.93 0.00	37.21 2.88 0.00	34.11 2.59 0.00	32.26 2.42 0.00	35.15 2.72 0.00	38.69 3.06 0.00	51.39 3.63 -9.60	98.13 3.95 -52.56	93.67 4.16 -47.95	57.15 4.11 -11.92	51.66 4.23 -5.57	49.80 4.18 -4.71	46.99 3.93 -2.99	48.83 4.14 -3.32	52.93 4.15 -7.67	65.72 3.64 -18.77	85.80 4.36 -31.89	126.68 5.12 -66.46	91.27 4.96 -31.28	102.60 4.38 -48.97	78.08 4.12 -24.92	64.87 3.80 -15.22	46.69 3.42 0.00	44.78 3.73 0.00
LAWRNCALV_115KV_TB1 80681	34.74 -0.17 0.00	34.05 -0.27 0.00	31.28 -0.25 0.00	29.58 -0.27 0.00	32.13 -0.29 0.00	35.27 -0.36 0.00	37.47 -0.69 0.00	41.11 -0.50 0.00	40.90 -0.67 0.00	40.54 -0.58 0.00	41.16 -0.71 0.00	40.23 -0.70 0.00	39.39 -0.68 0.00	40.59 -0.79 0.00	40.32 -0.78 0.00	42.10 -1.21 0.00	47.96 -1.59 0.00	53.33 -1.76 0.00	53.56 -1.49 0.00	47.96 -1.28 0.00	47.92 -1.13 0.00	44.74 -1.10 0.00	42.28 -1.00 0.00	40.51 -0.53 0.00
LEDERLE____ 23769	36.69 1.78 0.00	36.01 1.68 0.00	33.07 1.54 0.00	31.34 1.49 0.00	34.05 1.62 0.00	37.48 1.85 0.00	41.40 2.33 -0.91	49.09 2.70 -4.78	48.65 2.70 -4.38	46.50 2.80 -2.59	45.96 2.89 -1.21	44.81 2.86 -1.02	43.52 2.80 -0.65	45.04 2.94 -0.72	45.69 2.92 -1.67	50.46 3.08 -4.07	60.18 3.72 -6.92	68.84 4.24 -9.50	64.46 4.18 -5.24	57.49 3.59 -4.66	55.17 3.53 -2.59	50.46 3.16 -1.45	46.09 2.81 0.00	43.43 2.38 0.00
LIGHTRSE_115KV_TB6 355974	34.01 -0.91 0.00	33.47 -0.86 0.00	30.77 -0.76 0.00	29.10 -0.75 0.00	31.61 -0.81 0.00	34.77 -0.85 0.00	37.24 -0.92 0.00	40.69 -0.92 0.00	40.61 -0.96 0.00	40.13 -0.99 0.00	40.90 -0.96 0.00	39.90 -1.02 0.00	39.03 -1.04 0.00	40.39 -0.99 0.00	40.16 -0.95 0.00	42.31 -1.00 0.00	48.56 -0.99 0.00	54.05 -1.05 0.00	53.83 -1.21 0.00	48.21 -1.03 0.00	47.92 -1.13 0.00	44.79 -1.05 0.00	42.23 -1.04 0.00	40.02 -1.03 0.00
LINDEN COGEN____ 23786	36.02 1.78 0.67	35.31 1.68 0.70	33.10 1.58 0.00	31.39 1.55 0.00	33.50 1.65 0.58	36.79 1.82 0.65	40.82 2.25 -0.42	49.06 2.67 -4.78	48.62 2.74 -4.32	46.29 2.84 -2.33	45.67 2.97 -0.83	44.46 2.95 -0.59	43.14 2.92 -0.14	44.67 3.02 -0.27	45.46 3.04 -1.32	50.54 3.16 -4.07	60.84 3.87 -7.43	68.29 4.46 -8.74	61.08 4.24 -1.80	53.90 3.64 -1.01	53.50 3.43 -1.02	50.15 3.12 -1.18	45.56 2.77 0.48	42.83 2.30 0.51
LINDHRST_69_KV_BK1 356055	37.85 2.93 0.00	36.86 2.54 0.00	33.86 2.33 0.00	32.23 2.39 0.00	34.76 2.33 0.00	38.33 2.71 0.00	42.96 3.82 -0.99	51.06 4.24 -5.21	50.50 4.24 -4.70	47.97 4.07 -2.78	47.61 4.44 -1.31	46.41 4.38 -1.11	45.14 4.37 -0.71	47.99 4.55 -2.06	47.26 4.36 -1.80	56.84 4.68 -8.85	71.87 5.70 -16.62	74.60 6.50 -13.00	73.57 6.44 -12.09	67.88 5.52 -13.13	63.92 5.20 -9.68	61.49 4.72 -10.92	47.70 4.41 -0.01	44.74 3.69 0.00
LIPA_MISC_IPP 23656	37.74 2.83 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.17 2.33 0.00	34.66 2.24 0.00	38.01 2.39 0.00	42.73 3.59 -0.99	50.76 3.95 -5.20	50.13 3.87 -4.70	47.52 3.62 -2.78	47.36 4.19 -1.31	46.16 4.13 -1.11	45.10 4.33 -0.71	47.64 4.34 -1.92	46.81 3.90 -1.80	55.92 4.24 -8.36	70.48 5.30 -15.63	73.86 6.06 -12.70	72.37 5.94 -11.39	66.56 5.07 -12.25	62.69 4.71 -8.93	60.24 4.49 -9.91	47.48 4.20 -0.01	44.49 3.45 0.00
LISF__SOLAR 323691	37.85 2.93 0.00	36.73 2.40 0.00	33.83 2.30 0.00	32.32 2.48 0.00	34.76 2.34 0.00	38.08 2.46 0.00	42.77 3.66 -0.95	50.87 4.03 -5.23	50.25 3.99 -4.70	47.56 3.66 -2.78	47.45 4.27 -1.31	46.16 4.13 -1.11	45.18 4.41 -0.71	47.73 4.43 -1.92	47.14 4.23 -1.80	56.05 4.37 -8.37	70.64 5.45 -15.64	73.89 6.28 -12.51	72.48 6.11 -11.33	66.50 5.22 -12.04	62.64 4.76 -8.84	60.32 4.63 -9.85	47.57 4.28 -0.01	44.57 3.53 0.00

LITTLE FALLS___HYD 24013	34.39 -0.52 0.00	33.77 -0.55 0.00	31.06 -0.47 0.00	29.40 -0.45 0.00	31.94 -0.49 0.00	35.09 -0.53 0.00	37.66 -0.50 0.00	40.69 -0.92 0.00	40.52 -1.04 0.00	40.01 -1.11 0.00	40.78 -1.09 0.00	39.82 -1.10 0.00	38.95 -1.12 0.00	40.26 -1.12 0.00	40.04 -1.07 0.00	42.36 -0.95 0.00	49.00 -0.55 0.00	54.55 -0.55 0.00	54.44 -0.61 0.00	48.70 -0.54 0.00	48.50 -0.54 0.00	45.39 -0.46 0.00	42.84 -0.43 0.00	40.63 -0.41 0.00
LITTLRIV_115KV_TB1 356100	35.12 0.21 0.00	34.43 0.10 0.00	31.62 0.09 0.00	29.90 0.06 0.00	32.49 0.06 0.00	35.69 0.07 0.00	38.00 -0.15 0.00	41.73 0.12 0.00	41.52 -0.04 0.00	41.08 -0.04 0.00	41.70 -0.17 0.00	40.76 -0.16 0.00	39.95 -0.12 0.00	41.17 -0.21 0.00	40.90 -0.21 0.00	42.79 -0.52 0.00	48.75 -0.79 0.00	54.22 -0.88 0.00	54.33 -0.72 0.00	48.70 -0.54 0.00	48.65 -0.39 0.00	45.39 -0.46 0.00	42.88 -0.39 0.00	41.04 0.00 0.00
LI_NEWBRDGE___DRP 323616	37.22 2.30 0.00	36.31 1.99 0.00	33.36 1.83 0.00	31.72 1.88 0.00	34.27 1.85 0.00	37.76 2.14 0.00	42.20 3.05 -0.99	50.21 3.41 -5.19	49.67 3.41 -4.70	47.27 3.37 -2.78	46.86 3.68 -1.31	45.63 3.60 -1.11	44.34 3.57 -0.70	46.94 3.72 -1.84	46.48 3.58 -1.80	55.21 3.81 -8.09	69.22 4.61 -15.06	72.75 5.12 -12.53	71.15 5.12 -10.99	65.42 4.43 -11.74	61.72 4.17 -8.51	58.98 3.81 -9.33	46.87 3.59 -0.01	44.00 2.96 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.34 -4.57 0.00	30.31 -4.02 0.00	27.71 -3.81 0.00	26.11 -3.73 0.00	28.44 -3.99 0.00	31.42 -4.20 0.00	33.62 -4.54 0.00	35.70 -5.91 0.00	35.74 -5.82 0.00	35.37 -6.17 -0.42	34.92 -5.57 1.38	35.03 -5.81 0.08	34.19 -5.85 0.03	35.49 -5.83 0.06	35.04 -5.96 0.10	37.01 -6.06 0.24	40.30 -6.74 2.51	46.94 -7.82 0.33	46.76 -8.04 0.24	41.71 -7.09 0.44	41.75 -7.36 -0.06	39.29 -6.56 0.00	37.43 -5.84 0.00	36.32 -4.72 0.00
LOCKPORT___CC1 323769	30.34 -4.57 0.00	30.31 -4.02 0.00	27.68 -3.85 0.00	26.11 -3.73 0.00	28.40 -4.02 0.00	31.38 -4.24 0.00	33.58 -4.58 0.00	35.70 -5.91 0.00	35.58 -5.98 0.00	35.30 -6.25 -0.42	34.70 -5.65 1.51	34.97 -5.85 0.10	34.17 -5.85 0.04	35.39 -5.92 0.07	35.06 -5.92 0.13	36.89 -6.11 0.31	39.85 -6.89 2.81	46.79 -7.88 0.42	46.59 -8.15 0.31	41.63 -7.14 0.47	41.94 -7.16 -0.06	39.24 -6.60 0.00	37.39 -5.88 0.00	36.33 -4.72 0.00
LOCKPORT___CC2 323770	30.34 -4.57 0.00	30.31 -4.02 0.00	27.68 -3.85 0.00	26.11 -3.73 0.00	28.40 -4.02 0.00	31.38 -4.24 0.00	33.58 -4.58 0.00	35.70 -5.91 0.00	35.58 -5.98 0.00	35.30 -6.25 -0.42	34.70 -5.65 1.51	34.97 -5.85 0.10	34.17 -5.85 0.04	35.39 -5.92 0.07	35.06 -5.92 0.13	36.89 -6.11 0.31	39.85 -6.89 2.81	46.79 -7.88 0.42	46.59 -8.15 0.31	41.63 -7.14 0.47	41.94 -7.16 -0.06	39.24 -6.60 0.00	37.39 -5.88 0.00	36.33 -4.72 0.00
LOCKPORT___CC3 323771	30.34 -4.57 0.00	30.31 -4.02 0.00	27.68 -3.85 0.00	26.11 -3.73 0.00	28.40 -4.02 0.00	31.38 -4.24 0.00	33.58 -4.58 0.00	35.70 -5.91 0.00	35.58 -5.98 0.00	35.30 -6.25 -0.42	34.70 -5.65 1.51	34.97 -5.85 0.10	34.17 -5.85 0.04	35.39 -5.92 0.07	35.06 -5.92 0.13	36.89 -6.11 0.31	39.85 -6.89 2.81	46.79 -7.88 0.42	46.59 -8.15 0.31	41.63 -7.14 0.47	41.94 -7.16 -0.06	39.24 -6.60 0.00	37.39 -5.88 0.00	36.33 -4.72 0.00
LONG_LAKE_PHOENIX 24014	33.83 -1.08 0.00	33.33 -1.00 0.00	30.61 -0.91 0.00	28.95 -0.90 0.00	31.45 -0.97 0.00	34.59 -1.03 0.00	37.01 -1.14 0.00	40.40 -1.21 0.00	40.36 -1.21 0.00	39.89 -1.23 0.00	40.61 -1.26 0.00	39.65 -1.27 0.00	38.79 -1.28 0.00	40.14 -1.24 0.00	39.87 -1.23 0.00	42.10 -1.21 0.00	48.26 -1.29 0.00	53.66 -1.43 0.00	53.50 -1.54 0.00	47.86 -1.38 0.00	47.62 -1.42 0.00	44.52 -1.33 0.00	41.93 -1.34 0.00	39.77 -1.27 0.00
LOVETT___3 23632	36.59 1.68 0.00	35.90 1.58 0.00	32.98 1.45 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.37 1.75 0.00	41.25 2.17 -0.92	48.91 2.50 -4.80	48.51 2.54 -4.41	46.31 2.59 -2.60	45.80 2.72 -1.22	44.65 2.70 -1.03	43.37 2.64 -0.65	44.88 2.77 -0.72	45.49 2.71 -1.68	50.31 2.90 -4.10	59.98 3.47 -6.96	68.62 3.97 -9.56	64.22 3.91 -5.27	57.33 3.40 -4.69	54.94 3.29 -2.61	50.24 2.93 -1.46	45.91 2.64 0.00	43.26 2.22 0.00
LOVETT___4 23642	36.59 1.68 0.00	35.90 1.58 0.00	32.98 1.45 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.37 1.75 0.00	41.25 2.17 -0.92	48.91 2.50 -4.80	48.51 2.54 -4.41	46.31 2.59 -2.60	45.80 2.72 -1.22	44.65 2.70 -1.03	43.37 2.64 -0.65	44.88 2.77 -0.72	45.49 2.71 -1.68	50.31 2.90 -4.10	59.98 3.47 -6.96	68.62 3.97 -9.56	64.22 3.91 -5.27	57.33 3.40 -4.69	54.94 3.29 -2.61	50.24 2.93 -1.46	45.91 2.64 0.00	43.26 2.22 0.00
LOVETT___5 23593	36.59 1.68 0.00	35.90 1.58 0.00	32.98 1.45 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.37 1.75 0.00	41.25 2.17 -0.92	48.91 2.50 -4.80	48.51 2.54 -4.41	46.31 2.59 -2.60	45.80 2.72 -1.22	44.65 2.70 -1.03	43.37 2.64 -0.65	44.88 2.77 -0.72	45.49 2.71 -1.68	50.31 2.90 -4.10	59.98 3.47 -6.96	68.62 3.97 -9.56	64.22 3.91 -5.27	57.33 3.40 -4.69	54.94 3.29 -2.61	50.24 2.93 -1.46	45.91 2.64 0.00	43.26 2.22 0.00
LOWER RAQUET___HYD 24057	34.60 -0.31 0.00	33.91 -0.41 0.00	31.15 -0.38 0.00	29.46 -0.39 0.00	32.00 -0.42 0.00	35.09 -0.53 0.00	37.28 -0.88 0.00	40.94 -0.67 0.00	40.73 -0.83 0.00	40.34 -0.78 0.00	40.95 -0.92 0.00	40.02 -0.90 0.00	39.15 -0.92 0.00	40.39 -0.99 0.00	40.04 -1.07 0.00	42.01 -1.30 0.00	47.77 -1.78 0.00	53.12 -1.98 0.00	53.28 -1.76 0.00	47.72 -1.53 0.00	47.67 -1.37 0.00	44.51 -1.33 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
LOWER___HUDSON 24059	36.66 1.74 0.00	36.00 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.33 1.71 0.00	48.05 1.94 -7.95	87.21 2.08 -43.52	83.35 2.08 -39.71	53.48 2.10 -10.27	48.84 2.18 -4.80	47.14 2.17 -4.05	44.77 2.12 -2.57	46.43 2.19 -2.86	49.89 2.18 -6.61	61.72 2.25 -16.16	79.54 2.53 -27.46	113.79 2.86 -55.83	84.37 2.86 -26.46	92.35 2.56 -40.55	72.28 2.55 -20.69	60.88 2.43 -12.61	45.56 2.29 0.00	43.14 2.09 0.00
LOWVILLE_115KV_TB2 356335	34.60 -0.31 0.00	33.98 -0.34 0.00	31.24 -0.28 0.00	29.55 -0.30 0.00	32.10 -0.32 0.00	35.37 -0.25 0.00	38.12 -0.04 0.00	41.78 0.17 0.00	41.60 0.04 0.00	41.00 -0.12 0.00	41.70 -0.17 0.00	40.64 -0.29 0.00	39.75 -0.32 0.00	41.17 -0.21 0.00	40.94 -0.16 0.00	43.22 -0.09 0.00	49.60 0.05 0.00	55.26 0.17 0.00	55.04 0.00 0.00	49.34 0.10 0.00	49.09 0.05 0.00	45.75 -0.09 0.00	43.10 -0.17 0.00	40.80 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.87 1.96 0.00	36.21 1.89 0.00	33.26 1.73 0.00	31.49 1.64 0.00	34.24 1.82 0.00	37.58 1.96 0.00	49.88 2.25 -9.47	95.74 2.41 -51.72	91.34 2.45 -47.32	55.38 2.47 -11.80	49.93 2.55 -5.51	48.07 2.50 -4.66	45.43 2.40 -2.96	47.18 2.52 -3.28	51.20 2.51 -7.59	64.30 2.43 -18.57	83.92 2.82 -31.55	123.96 3.25 -65.61	89.13 3.19 -30.90	100.39 2.86 -48.29	76.42 2.80 -24.58	63.47 2.61 -15.01	45.70 2.42 0.00	43.43 2.38 0.00

LUTHERNY_35_KV_BK2 355980	36.87 1.96 0.00	36.25 1.92 0.00	33.26 1.73 0.00	31.49 1.64 0.00	34.24 1.82 0.00	37.62 1.99 0.00	49.92 2.29 -9.47	95.79 2.45 -51.72	91.38 2.49 -47.32	55.38 2.47 -11.80	49.93 2.55 -5.51	48.12 2.54 -4.66	45.47 2.44 -2.96	47.18 2.52 -3.28	51.20 2.51 -7.59	64.35 2.47 -18.57	83.97 2.87 -31.55	124.02 3.31 -65.61	89.19 3.25 -30.90	100.39 2.86 -48.29	76.42 2.80 -24.58	63.47 2.61 -15.01	45.70 2.42 0.00	43.47 2.42 0.00
LWR___OSWEGATCHIE_HYD 23850	34.25 -0.66 0.00	33.60 -0.72 0.00	30.90 -0.63 0.00	29.22 -0.63 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.94 -0.67 0.00	40.77 -0.79 0.00	40.30 -0.82 0.00	40.95 -0.92 0.00	39.94 -0.98 0.00	39.07 -1.00 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	42.18 -1.13 0.00	48.21 -1.34 0.00	53.66 -1.43 0.00	53.67 -1.38 0.00	48.06 -1.18 0.00	47.92 -1.13 0.00	44.70 -1.15 0.00	42.15 -1.13 0.00	40.14 -0.90 0.00
LYONS_FALL_HYD 23570	34.95 0.03 0.00	34.36 0.03 0.00	31.59 0.06 0.00	29.87 0.03 0.00	32.43 0.00 0.00	35.77 0.14 0.00	38.50 0.34 0.00	42.15 0.54 0.00	42.06 0.50 0.00	41.45 0.33 0.00	42.16 0.30 0.00	41.13 0.21 0.00	40.23 0.16 0.00	41.63 0.25 0.00	41.39 0.29 0.00	43.74 0.43 0.00	50.14 0.60 0.00	55.87 0.77 0.00	55.65 0.61 0.00	49.84 0.59 0.00	49.58 0.54 0.00	46.26 0.41 0.00	43.58 0.31 0.00	41.25 0.21 0.00
MADISON___COUNTY_LFGE 323628	35.44 0.52 0.00	34.87 0.55 0.00	32.06 0.54 0.00	30.32 0.48 0.00	32.94 0.52 0.00	36.34 0.71 0.00	39.11 0.95 0.00	42.73 1.12 0.00	42.64 1.08 0.00	42.07 0.95 0.00	42.83 0.96 0.00	41.78 0.86 0.00	40.83 0.76 0.00	42.29 0.91 0.00	42.05 0.95 0.00	44.44 1.13 0.00	50.93 1.39 0.00	56.69 1.60 0.00	56.47 1.43 0.00	50.52 1.28 0.00	50.22 1.18 0.00	46.90 1.05 0.00	44.18 0.91 0.00	41.87 0.82 0.00
MALONE___115KV_TB1 356076	34.88 -0.03 0.00	34.15 -0.17 0.00	31.31 -0.22 0.00	29.61 -0.24 0.00	32.20 -0.23 0.00	35.41 -0.21 0.00	37.62 -0.53 0.00	41.32 -0.29 0.00	41.06 -0.50 0.00	40.75 -0.37 0.00	41.41 -0.46 0.00	40.39 -0.53 0.00	39.63 -0.44 0.00	40.80 -0.58 0.00	40.45 -0.66 0.00	42.44 -0.87 0.00	48.36 -1.19 0.00	53.83 -1.27 0.00	54.16 -0.88 0.00	48.55 -0.69 0.00	48.46 -0.59 0.00	45.25 -0.60 0.00	42.75 -0.52 0.00	40.84 -0.21 0.00
MAPLEWOD_115KV_TB3 80458	36.66 1.75 0.00	36.04 1.72 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.30 1.67 0.00	46.48 1.91 -6.41	78.65 2.00 -35.04	75.63 2.00 -32.07	51.96 2.10 -8.74	48.13 2.18 -4.08	46.54 2.17 -3.45	44.42 2.16 -2.19	46.00 2.19 -2.43	48.87 2.14 -5.63	59.37 2.30 -13.76	75.51 2.58 -23.38	104.01 2.98 -45.93	79.96 2.92 -22.00	84.49 2.56 -32.69	68.39 2.60 -16.74	58.44 2.43 -10.16	45.61 2.34 0.00	43.10 2.05 0.00
MAPLE_RIDGE_WT_1 323574	34.22 -0.70 0.00	33.60 -0.72 0.00	30.87 -0.66 0.00	29.22 -0.63 0.00	31.74 -0.68 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.78 -0.83 0.00	40.69 -0.87 0.00	40.25 -0.87 0.00	40.99 -0.88 0.00	40.06 -0.86 0.00	39.23 -0.84 0.00	40.51 -0.87 0.00	40.24 -0.87 0.00	42.36 -0.95 0.00	48.46 -1.09 0.00	53.88 -1.21 0.00	53.88 -1.16 0.00	48.21 -1.04 0.00	48.06 -0.98 0.00	44.93 -0.92 0.00	42.49 -0.78 0.00	40.35 -0.70 0.00
MAPLE_RIDGE_WT_2 323611	34.22 -0.70 0.00	33.60 -0.72 0.00	30.87 -0.66 0.00	29.22 -0.63 0.00	31.74 -0.68 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.78 -0.83 0.00	40.69 -0.87 0.00	40.25 -0.87 0.00	40.99 -0.88 0.00	40.06 -0.86 0.00	39.23 -0.84 0.00	40.51 -0.87 0.00	40.24 -0.87 0.00	42.36 -0.95 0.00	48.46 -1.09 0.00	53.88 -1.21 0.00	53.88 -1.16 0.00	48.21 -1.04 0.00	48.06 -0.98 0.00	44.93 -0.92 0.00	42.49 -0.78 0.00	40.35 -0.70 0.00
MARBLE_RIVER_WT_PWR 323696	34.29 -0.63 0.00	33.60 -0.72 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.71 -0.71 0.00	34.84 -0.78 0.00	36.97 -1.18 0.00	40.53 -1.08 0.00	40.32 -1.25 0.00	40.01 -1.11 0.00	40.61 -1.25 0.00	39.70 -1.23 0.00	38.91 -1.16 0.00	40.10 -1.28 0.00	39.71 -1.40 0.00	41.79 -1.52 0.00	47.66 -1.88 0.00	53.00 -2.09 0.00	53.17 -1.87 0.00	47.62 -1.62 0.00	47.57 -1.47 0.00	44.51 -1.33 0.00	42.11 -1.17 0.00	40.31 -0.74 0.00
MARSHVLE_115KV_TB1 80742	36.97 2.06 0.00	36.38 2.06 0.00	33.39 1.86 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.90 2.28 0.00	49.78 2.82 -8.80	92.75 3.08 -48.06	88.64 3.08 -44.00	54.70 2.67 -10.91	49.60 2.64 -5.10	47.44 2.21 -4.31	44.85 2.04 -2.74	46.77 2.36 -3.04	50.43 2.30 -7.02	63.48 2.99 -17.18	82.80 4.06 -29.19	120.76 4.79 -60.87	88.30 4.62 -28.64	98.26 4.14 -44.88	75.80 3.92 -22.84	63.37 3.58 -13.95	46.43 3.16 0.00	43.75 2.71 0.00
MARSH_HILL_WT_PWR 323713	31.21 -3.70 0.00	30.96 -3.36 0.00	28.35 -3.18 0.00	26.74 -3.10 0.00	29.09 -3.34 0.00	32.24 -3.38 0.00	34.92 -3.47 -0.24	38.83 -4.08 -1.29	40.89 -1.95 -1.28	39.58 -2.18 -0.64	45.87 -4.10 -8.10	38.19 -4.17 -1.45	36.66 -4.25 -0.84	38.19 -4.22 -1.03	39.27 -4.07 -2.23	44.70 -4.12 -5.50	64.93 -4.41 -19.79	58.57 -4.85 -8.32	55.64 -4.95 -5.55	48.02 -4.24 -3.01	45.14 -4.56 -0.66	41.86 -4.36 -0.37	39.16 -4.11 0.00	37.60 -3.45 0.00
MCINTYRE_115KV_TB2 80467	35.51 0.59 0.00	34.80 0.48 0.00	31.97 0.44 0.00	30.23 0.39 0.00	32.85 0.42 0.00	36.12 0.50 0.00	38.54 0.38 0.00	42.28 0.67 0.00	42.06 0.50 0.00	41.61 0.49 0.00	42.20 0.33 0.00	41.21 0.29 0.00	40.43 0.36 0.00	41.63 0.25 0.00	41.39 0.29 0.00	43.35 0.04 0.00	49.40 -0.15 0.00	54.93 -0.17 0.00	55.10 0.06 0.00	49.39 0.15 0.00	49.34 0.29 0.00	46.03 0.18 0.00	43.49 0.22 0.00	41.62 0.57 0.00
MECO_____69_KV_BK1 80468	37.60 2.69 0.00	36.97 2.64 0.00	33.92 2.40 0.00	32.11 2.27 0.00	34.95 2.53 0.00	38.51 2.89 0.00	51.04 3.43 -9.45	96.89 3.70 -51.58	92.51 3.74 -47.21	56.13 3.37 -11.64	50.61 3.31 -5.44	48.54 3.03 -4.59	45.87 2.88 -2.92	47.76 3.14 -3.24	51.72 3.12 -7.49	65.36 3.72 -18.32	85.49 4.81 -31.13	125.96 5.67 -65.19	91.18 5.50 -30.63	102.38 4.97 -48.16	78.30 4.76 -24.50	65.17 4.36 -14.97	47.17 3.89 0.00	44.45 3.41 0.00
MENANDS___115KV_TB5 355628	36.62 1.71 0.00	35.97 1.65 0.00	33.04 1.51 0.00	31.28 1.43 0.00	34.01 1.59 0.00	37.26 1.64 0.00	46.14 1.83 -6.15	77.14 1.91 -33.62	74.24 1.91 -30.76	51.62 2.01 -8.48	47.92 2.09 -3.96	46.36 2.09 -3.35	44.28 2.08 -2.13	45.89 2.15 -2.36	48.66 2.10 -5.46	58.91 2.25 -13.35	74.71 2.48 -22.68	102.16 2.81 -44.25	79.08 2.81 -21.23	83.06 2.46 -31.36	67.62 2.50 -16.07	57.93 2.34 -9.75	45.52 2.25 0.00	43.06 2.01 0.00
MG INDUSTRY___DRP 24185	36.42 1.50 0.00	35.80 1.48 0.00	32.88 1.36 0.00	31.13 1.28 0.00	33.82 1.39 0.00	37.05 1.42 0.00	43.52 1.53 -3.83	64.15 1.58 -20.96	62.33 1.58 -19.19	48.86 1.60 -6.14	46.37 1.63 -2.87	44.98 1.64 -2.42	43.21 1.60 -1.54	44.78 1.70 -1.71	46.70 1.64 -3.95	54.80 1.82 -9.67	68.05 2.08 -16.43	86.79 2.37 -29.32	71.89 2.37 -14.48	70.85 2.07 -19.54	61.29 2.11 -10.14	53.94 2.02 -6.07	45.26 1.99 0.00	42.81 1.76 0.00

MID___OSWEGATCHIE_HYD 23849	34.25 -0.66 0.00	33.60 -0.72 0.00	30.90 -0.63 0.00	29.22 -0.63 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.94 -0.67 0.00	40.77 -0.79 0.00	40.30 -0.82 0.00	40.95 -0.92 0.00	39.94 -0.98 0.00	39.07 -1.00 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	42.18 -1.13 0.00	48.21 -1.34 0.00	53.66 -1.43 0.00	53.67 -1.38 0.00	48.06 -1.18 0.00	47.92 -1.13 0.00	44.70 -1.15 0.00	42.15 -1.13 0.00	40.14 -0.90 0.00
MID___RAQUETTE_HYD 23851	34.60 -0.31 0.00	33.91 -0.41 0.00	31.15 -0.38 0.00	29.46 -0.39 0.00	32.00 -0.42 0.00	35.09 -0.53 0.00	37.28 -0.88 0.00	40.94 -0.67 0.00	40.73 -0.83 0.00	40.34 -0.78 0.00	40.95 -0.92 0.00	40.02 -0.90 0.00	39.19 -0.88 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	41.88 -1.43 0.00	47.76 -1.78 0.00	53.11 -1.98 0.00	53.28 -1.76 0.00	47.77 -1.48 0.00	47.72 -1.32 0.00	44.52 -1.33 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
MILLIKEN___1 23584	34.77 -0.14 0.00	34.25 -0.07 0.00	31.47 -0.06 0.00	29.72 -0.12 0.00	32.30 -0.13 0.00	35.62 0.00 0.00	38.57 0.15 -0.26	42.99 0.00 -1.39	41.65 0.08 0.00	41.61 -0.04 -0.53	42.07 -0.04 -0.24	41.09 -0.04 -0.21	40.04 -0.16 -0.13	41.48 -0.04 -0.15	41.40 -0.04 -0.34	44.22 0.09 -0.82	51.25 0.30 -1.40	58.13 0.61 -2.43	56.84 0.50 -1.30	51.02 0.44 -1.34	50.05 0.29 -0.71	46.44 0.18 -0.41	43.36 0.09 0.00	41.13 0.08 0.00
MILLIKEN___2 23585	34.77 -0.14 0.00	34.25 -0.07 0.00	31.47 -0.06 0.00	29.72 -0.12 0.00	32.30 -0.13 0.00	35.62 0.00 0.00	38.57 0.15 -0.26	42.99 0.00 -1.39	41.65 0.08 0.00	41.61 -0.04 -0.53	42.07 -0.04 -0.24	41.09 -0.04 -0.21	40.04 -0.16 -0.13	41.48 -0.04 -0.15	41.40 -0.04 -0.34	44.22 0.09 -0.82	51.25 0.30 -1.40	58.13 0.61 -2.43	56.84 0.50 -1.30	51.02 0.44 -1.34	50.05 0.29 -0.71	46.44 0.18 -0.41	43.36 0.09 0.00	41.13 0.08 0.00
MILLIKEN___DIESEL 23629	34.77 -0.14 0.00	34.25 -0.07 0.00	31.47 -0.06 0.00	29.72 -0.12 0.00	32.30 -0.13 0.00	35.62 0.00 0.00	38.57 0.15 -0.26	42.99 0.00 -1.39	41.65 0.08 0.00	41.61 -0.04 -0.53	42.07 -0.04 -0.24	41.09 -0.04 -0.21	40.04 -0.16 -0.13	41.48 -0.04 -0.15	41.40 -0.04 -0.34	44.22 0.09 -0.82	51.25 0.30 -1.40	58.13 0.61 -2.43	56.84 0.50 -1.30	51.02 0.44 -1.34	50.05 0.29 -0.71	46.44 0.18 -0.41	43.36 0.09 0.00	41.13 0.08 0.00
MILLSEAT___LFGE 323607	31.11 -3.80 0.00	31.06 -3.26 0.00	28.38 -3.15 0.00	26.77 -3.07 0.00	29.12 -3.31 0.00	32.20 -3.42 0.00	34.80 -3.36 0.00	37.03 -4.58 0.00	37.12 -4.45 0.00	36.83 -4.69 -0.40	36.49 -4.23 1.15	36.42 -4.46 0.05	35.53 -4.53 0.02	36.87 -4.47 0.04	36.53 -4.52 0.05	38.63 -4.55 0.13	42.59 -4.95 2.01	49.19 -5.73 0.17	48.47 -6.44 0.13	43.18 -5.66 0.40	43.42 -5.69 -0.06	40.62 -5.23 0.00	38.56 -4.72 0.00	37.35 -3.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.76 1.85 0.00	36.07 1.75 0.00	33.14 1.61 0.00	31.43 1.58 0.00	34.14 1.72 0.00	37.55 1.92 0.00	41.53 2.40 -0.97	49.39 2.75 -5.04	48.93 2.74 -4.62	46.70 2.84 -2.74	46.08 2.93 -1.28	44.95 2.95 -1.08	43.64 2.88 -0.69	45.16 3.02 -0.76	45.83 2.96 -1.76	50.78 3.16 -4.31	60.64 3.77 -7.33	69.46 4.30 -10.06	64.83 4.24 -5.55	57.81 3.64 -4.93	55.37 3.58 -2.74	50.59 3.21 -1.53	46.21 2.94 0.00	43.51 2.46 0.00
MILLWOOD_13_KV_LOAD 356217	36.83 1.92 0.00	36.14 1.82 0.00	33.20 1.67 0.00	31.49 1.64 0.00	34.21 1.78 0.00	37.62 1.99 0.00	41.60 2.48 -0.97	49.48 2.83 -5.04	49.06 2.87 -4.62	46.78 2.92 -2.74	46.20 3.06 -1.28	45.03 3.03 -1.08	43.72 2.97 -0.69	45.24 3.10 -0.76	45.91 3.04 -1.76	50.87 3.25 -4.31	60.79 3.91 -7.33	69.62 4.46 -10.06	65.00 4.40 -5.55	57.96 3.79 -4.93	55.51 3.73 -2.74	50.72 3.35 -1.53	46.30 3.03 0.00	43.59 2.54 0.00
MODEL_CITY_ENERGY 24167	29.96 -4.96 0.00	29.96 -4.36 0.00	27.37 -4.16 0.00	25.81 -4.03 0.00	28.08 -4.34 0.00	31.03 -4.60 0.00	33.16 -5.00 0.00	35.24 -6.37 0.00	35.12 -6.44 0.00	34.89 -6.66 -0.43	34.33 -6.07 1.46	34.49 -6.34 0.09	33.70 -6.33 0.04	34.90 -6.41 0.07	34.58 -6.41 0.12	36.49 -6.54 0.28	39.48 -7.38 2.68	46.18 -8.54 0.38	45.96 -8.81 0.28	41.10 -7.68 0.46	41.36 -7.75 -0.06	38.74 -7.10 0.00	36.91 -6.36 0.00	35.87 -5.17 0.00
MODERN_LFGE___ 323580	29.96 -4.96 0.00	29.96 -4.36 0.00	27.37 -4.16 0.00	25.81 -4.03 0.00	28.08 -4.34 0.00	31.03 -4.60 0.00	33.16 -5.00 0.00	35.24 -6.37 0.00	35.12 -6.44 0.00	34.89 -6.66 -0.43	34.33 -6.07 1.46	34.49 -6.34 0.09	33.70 -6.33 0.04	34.90 -6.41 0.07	34.58 -6.41 0.12	36.49 -6.54 0.28	39.48 -7.38 2.68	46.18 -8.54 0.38	45.96 -8.81 0.28	41.10 -7.68 0.46	41.36 -7.75 -0.06	38.74 -7.10 0.00	36.91 -6.36 0.00	35.87 -5.17 0.00
MOHAWK_PAPER___DRP 24187	36.66 1.75 0.00	36.04 1.72 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.30 1.67 0.00	46.48 1.91 -6.41	78.65 2.00 -35.04	75.63 2.00 -32.07	51.96 2.10 -8.74	48.13 2.18 -4.08	46.54 2.17 -3.45	44.42 2.16 -2.19	46.00 2.19 -2.43	48.87 2.14 -5.63	59.37 2.30 -13.76	75.51 2.58 -23.38	104.01 2.98 -45.93	79.96 2.92 -22.00	84.49 2.56 -32.69	68.39 2.60 -16.74	58.44 2.43 -10.16	45.61 2.34 0.00	43.10 2.05 0.00
MOHICAN___35_KV_115KV_LD 80490	37.11 2.20 0.00	36.49 2.16 0.00	33.48 1.95 0.00	31.69 1.85 0.00	34.50 2.08 0.00	37.90 2.28 0.00	50.37 2.67 -9.54	96.65 2.91 -52.13	92.25 2.99 -47.69	55.95 2.96 -11.87	50.47 3.06 -5.54	48.59 2.99 -4.68	45.89 2.84 -2.98	47.70 3.02 -3.30	51.75 3.00 -7.64	64.46 2.47 -18.68	84.17 2.87 -31.75	124.60 3.42 -66.09	89.46 3.30 -31.11	100.81 2.91 -48.66	76.61 2.80 -24.77	63.54 2.57 -15.13	45.61 2.34 0.00	43.79 2.75 0.00
MONGAUP___HYD 23641	36.49 1.57 0.00	35.83 1.51 0.00	32.88 1.35 0.00	31.13 1.28 0.00	33.89 1.46 0.00	37.33 1.71 0.00	41.22 2.25 -0.82	48.54 2.45 -4.48	47.86 2.20 -4.09	45.75 2.22 -2.41	45.21 2.22 -1.12	44.00 2.13 -0.95	42.75 2.08 -0.60	44.20 2.15 -0.67	44.87 2.22 -1.55	49.52 2.42 -3.79	59.20 3.22 -6.44	67.46 3.69 -8.67	63.60 3.74 -4.81	56.60 3.20 -4.16	54.36 2.99 -2.33	49.80 2.66 -1.29	45.91 2.64 0.00	43.26 2.21 0.00
MONTAUK___DIESEL 23721	37.67 2.76 0.00	36.55 2.23 0.00	33.64 2.11 0.00	32.05 2.21 0.00	34.50 2.08 0.00	37.83 2.21 0.00	42.73 3.59 -0.99	50.85 4.04 -5.20	50.09 3.82 -4.70	47.35 3.45 -2.78	46.98 3.81 -1.31	45.79 3.76 -1.11	44.78 4.01 -0.71	47.35 4.06 -1.92	46.52 3.62 -1.80	55.70 4.03 -8.37	70.43 5.25 -15.63	73.69 5.90 -12.70	72.16 5.72 -11.39	66.32 4.83 -12.25	62.35 4.36 -8.94	60.02 4.26 -9.91	47.09 3.81 -0.01	44.49 3.45 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.06 -4.85 0.00	30.00 -4.32 0.00	27.37 -4.16 0.00	25.79 -4.06 0.00	28.11 -4.31 0.00	31.24 -4.38 0.00	33.50 -4.66 0.00	36.03 -5.58 0.00	35.95 -5.61 0.00	35.62 -6.00 -0.51	35.35 -5.11 1.41	35.58 -5.28 0.06	34.76 -5.29 0.02	35.95 -5.38 0.04	35.65 -5.38 0.07	37.61 -5.54 0.16	41.07 -6.04 2.43	48.16 -6.72 0.21	48.00 -6.88 0.17	43.01 -5.81 0.42	42.64 -6.47 -0.07	40.16 -5.68 0.00	38.17 -5.11 0.00	36.94 -4.10 0.00

MORRIS_RIDGE___SOLAR 323848	31.39 -3.52 0.00	31.17 -3.16 0.00	28.53 -3.00 0.00	26.92 -2.92 0.00	29.28 -3.14 0.00	32.42 -3.21 0.00	35.02 -3.36 -0.23	38.69 -4.16 -1.24	35.37 -6.19 0.00	35.13 -6.58 -0.59	27.23 -4.15 10.49	35.28 -4.21 1.43	35.02 -4.25 0.80	36.09 -4.26 1.02	34.80 -4.15 2.15	33.77 -4.24 5.30	21.58 -4.61 23.36	43.92 -5.12 6.05	45.08 -5.23 4.73	43.42 -4.58 1.25	44.82 -4.86 -0.63	41.66 -4.54 -0.36	39.12 -4.15 0.00	37.64 -3.41 0.00
MORTIMER_115KV_TB3 55949	32.23 -2.69 0.00	31.95 -2.37 0.00	29.26 -2.27 0.00	27.67 -2.18 0.00	30.06 -2.37 0.00	33.17 -2.46 0.00	35.60 -2.56 0.00	38.20 -3.41 0.00	38.36 -3.20 0.00	37.77 -3.33 0.02	38.52 -3.35 0.00	37.53 -3.40 0.00	36.58 -3.49 0.00	37.99 -3.39 0.00	37.61 -3.49 0.00	39.72 -3.59 0.00	45.68 -3.86 0.00	50.63 -4.46 0.00	50.36 -4.68 0.00	44.92 -4.19 0.14	44.92 -4.12 0.00	42.13 -3.71 0.00	39.85 -3.42 0.00	38.25 -2.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.29 3.03 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.97 3.21 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.70 3.87 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
MUNSVILLE_WIND_PWR 323609	36.10 1.19 0.00	35.56 1.23 0.00	32.73 1.20 0.00	30.92 1.07 0.00	33.49 1.07 0.00	37.23 1.60 0.00	41.13 2.37 -0.61	52.23 5.82 -4.80	51.60 5.65 -4.39	47.59 4.73 -1.75	47.21 4.52 -0.82	45.87 4.26 -0.69	44.51 4.01 -0.44	46.21 4.34 -0.48	46.79 4.56 -1.12	51.82 5.76 -2.74	61.65 7.43 -4.67	64.73 4.35 -5.28	61.75 3.97 -2.75	56.00 3.64 -3.12	54.07 3.38 -1.65	49.79 2.98 -0.96	45.96 2.68 0.00	43.42 2.38 0.00
N SALMON___HYD 24042	34.88 -0.03 0.00	34.15 -0.17 0.00	31.31 -0.22 0.00	29.60 -0.24 0.00	32.20 -0.23 0.00	35.41 -0.21 0.00	37.62 -0.53 0.00	41.32 -0.29 0.00	41.07 -0.50 0.00	40.75 -0.37 0.00	41.41 -0.46 0.00	40.43 -0.49 0.00	39.59 -0.48 0.00	40.80 -0.58 0.00	40.37 -0.74 0.00	42.49 -0.82 0.00	48.36 -1.19 0.00	53.83 -1.27 0.00	54.16 -0.88 0.00	48.45 -0.79 0.00	48.46 -0.59 0.00	45.25 -0.60 0.00	42.76 -0.52 0.00	40.84 -0.20 0.00
N.AKRON__115KV_KNAPP 355671	31.04 -3.88 0.00	30.99 -3.33 0.00	28.31 -3.22 0.00	26.71 -3.13 0.00	29.05 -3.37 0.00	32.13 -3.49 0.00	34.65 -3.51 0.00	36.87 -4.74 0.00	36.99 -4.57 0.00	36.63 -4.89 -0.41	36.27 -4.40 1.20	36.25 -4.62 0.05	35.32 -4.73 0.02	36.70 -4.63 0.04	36.27 -4.77 0.06	38.39 -4.76 0.15	42.28 -5.15 2.11	48.83 -6.06 0.21	48.28 -5.86 0.15	42.97 -5.86 0.41	43.02 -6.08 -0.06	40.44 -5.41 0.00	38.43 -4.85 0.00	37.23 -3.82 0.00
N.BELMOR_69_KV_BK1 55787	37.50 2.58 0.00	36.55 2.23 0.00	33.58 2.05 0.00	31.93 2.09 0.00	34.50 2.08 0.00	38.05 2.42 0.00	42.51 3.36 -0.99	50.59 3.74 -5.23	50.05 3.78 -4.70	47.60 3.70 -2.78	47.16 3.98 -1.31	45.96 3.93 -1.11	44.67 3.89 -0.71	47.76 4.01 -2.37	46.81 3.90 -1.80	57.40 4.16 -9.93	73.41 5.00 -18.85	74.45 5.67 -13.68	74.31 5.61 -13.65	69.21 4.87 -15.10	65.01 4.61 -11.35	63.25 4.22 -13.19	47.22 3.94 -0.01	44.33 3.28 0.00
N.E_GEN_SANDY PD 24062	40.91 1.92 -4.08	41.27 1.85 -5.09	37.35 1.70 -4.12	37.18 1.64 -5.70	39.21 1.78 -5.00	43.60 1.92 -6.05	50.77 2.21 -10.40	57.71 2.41 -13.69	56.43 2.37 -12.49	48.20 2.43 -4.65	46.60 2.55 -2.17	45.26 2.50 -1.84	43.76 2.53 -1.17	45.24 2.57 -1.29	46.65 2.55 -3.00	53.37 2.73 -7.33	65.02 3.02 -12.45	79.05 3.42 -20.54	68.90 3.41 -10.44	65.00 3.00 -12.75	58.80 3.04 -6.71	52.70 2.89 -3.96	47.31 2.68 -1.35	45.50 2.38 -2.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.62 1.71 0.00	35.94 1.61 0.00	33.01 1.48 0.00	31.28 1.43 0.00	33.98 1.56 0.00	37.40 1.78 0.00	41.29 2.21 -0.92	48.98 2.58 -4.79	48.54 2.58 -4.40	46.35 2.63 -2.60	45.84 2.76 -1.21	44.69 2.74 -1.02	43.40 2.68 -0.65	44.91 2.81 -0.72	45.57 2.80 -1.67	50.34 2.95 -4.09	60.06 3.57 -6.94	68.70 4.08 -9.53	64.31 4.02 -5.25	57.36 3.45 -4.67	55.03 3.38 -2.60	50.32 3.03 -1.45	46.00 2.73 0.00	43.30 2.26 0.00
N.QUEENS_27_KV_LOAD 356247	37.19 2.27 -0.01	36.53 2.20 -0.01	33.52 1.99 -0.01	31.79 1.94 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.66 2.52 -0.98	49.51 2.79 -5.11	49.12 2.87 -4.69	46.94 3.04 -2.78	46.30 3.14 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.38 3.23 -0.77	46.06 3.17 -1.79	51.02 3.33 -4.37	60.94 3.96 -7.43	69.77 4.46 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.45 3.63 -2.78	50.65 3.26 -1.55	46.39 3.12 0.00	43.75 2.71 0.00
N.TROY___115KV_TB1 355778	36.66 1.75 0.00	36.01 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.33 1.71 0.00	48.05 1.95 -7.94	87.09 2.08 -43.40	83.31 2.04 -39.71	53.48 2.10 -10.27	48.84 2.18 -4.80	47.14 2.17 -4.05	44.77 2.12 -2.57	46.43 2.19 -2.86	49.85 2.14 -6.61	61.73 2.25 -16.16	79.54 2.53 -27.46	113.75 2.87 -55.79	84.36 2.86 -26.45	92.31 2.56 -40.51	72.26 2.55 -20.67	60.87 2.43 -12.59	45.57 2.29 0.00	43.14 2.09 0.00
NARROWS_GT1_1 24228	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT1_2 24229	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT1_3 24230	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT1_4 24231	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24

NARROWS_GT1_5 24232	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT1_6 24233	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT1_7 24234	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT1_8 24235	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_1 24236	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_2 24237	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_3 24238	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_4 24239	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_5 24240	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_6 24241	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_7 24242	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NARROWS_GT2_8 24243	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.32 2.41 0.00	36.69 2.37 0.00	33.67 2.14 0.00	31.84 2.00 0.00	34.69 2.27 0.00	38.05 2.42 0.00	44.30 2.48 -3.67	64.28 2.62 -20.05	62.53 2.62 -18.35	49.54 2.55 -5.87	47.12 2.51 -2.74	45.74 2.50 -2.32	43.95 2.40 -1.47	45.54 2.52 -1.63	47.39 2.51 -3.78	55.42 2.86 -9.25	68.73 3.47 -15.71	87.14 3.97 -28.07	72.98 4.07 -13.87	71.43 3.50 -18.69	62.17 3.43 -9.70	54.77 3.12 -5.81	46.60 3.33 0.00	44.04 3.00 0.00
NCHELSEA_115KV_TR2 355582	37.01 2.09 0.00	36.31 1.99 0.00	33.36 1.83 0.00	31.60 1.76 0.00	34.37 1.95 0.00	37.87 2.24 0.00	42.03 2.82 -1.05	50.26 3.16 -5.49	49.76 3.16 -5.03	47.16 3.21 -2.84	46.50 3.31 -1.32	45.32 3.27 -1.12	43.99 3.21 -0.71	45.52 3.35 -0.79	46.22 3.29 -1.83	51.33 3.55 -4.46	61.44 4.31 -7.59	70.56 4.85 -10.61	65.75 4.90 -5.81	58.77 4.19 -5.34	56.11 4.12 -2.95	51.22 3.71 -1.66	46.60 3.33 0.00	43.88 2.83 0.00
NEG CAPITAL___MECHNVIL 23645	36.94 2.02 0.00	36.31 1.99 0.00	33.32 1.80 0.00	31.54 1.70 0.00	34.31 1.88 0.00	37.65 2.03 0.00	49.59 2.37 -9.07	93.79 2.54 -49.64	89.43 2.58 -45.29	55.06 2.55 -11.39	49.87 2.68 -5.32	48.04 2.62 -4.49	45.45 2.53 -2.85	47.20 2.65 -3.17	51.07 2.63 -7.33	63.88 2.64 -17.93	83.03 3.02 -30.46	121.60 3.47 -63.03	88.24 3.47 -29.72	98.55 3.05 -46.25	75.59 2.99 -23.55	63.02 2.80 -14.38	45.87 2.60 0.00	43.55 2.50 0.00



NEG CENTRAL_HIGH_ACRES 23767	32.12 -2.79 0.00	31.82 -2.50 0.00	29.16 -2.37 0.00	27.55 -2.30 0.00	29.93 -2.50 0.00	33.02 -2.60 0.00	35.45 -2.71 0.00	38.24 -3.37 0.00	38.32 -3.24 0.00	37.77 -3.33 0.03	38.51 -3.35 0.00	37.57 -3.35 0.00	36.66 -3.41 0.00	38.03 -3.35 0.00	37.73 -3.37 0.00	39.84 -3.47 0.00	45.73 -3.81 0.01	50.74 -4.35 0.00	50.53 -4.51 0.00	44.99 -4.09 0.17	45.12 -3.93 0.00	42.18 -3.67 0.00	39.85 -3.42 0.00	38.09 -2.96 0.00
NEG CENTRAL___DRP 24199	33.73 -1.19 0.00	33.26 -1.06 0.00	30.52 -1.01 0.00	28.86 -0.98 0.00	31.36 -1.07 0.00	34.63 -1.00 0.00	37.20 -0.95 0.00	40.44 -1.17 0.00	40.69 -0.87 0.00	40.57 -0.99 -0.44	41.61 -1.21 -0.96	39.96 -1.23 -0.27	38.87 -1.36 -0.16	40.33 -1.24 -0.19	40.29 -1.23 -0.42	43.17 -1.17 -1.03	51.06 -1.29 -2.80	55.10 -1.38 -1.38	54.54 -1.49 -0.98	48.75 -1.18 -0.69	47.72 -1.37 -0.05	44.56 -1.28 0.00	41.97 -1.30 0.00	39.94 -1.11 0.00
NEG CENTRAL___INDECK 23768	32.85 -2.06 0.00	32.64 -1.68 0.00	29.86 -1.67 0.00	28.17 -1.67 0.00	30.64 -1.78 0.00	33.91 -1.71 0.00	36.59 -1.57 0.00	39.36 -2.25 0.00	40.53 -1.04 0.00	40.36 -1.28 -0.52	47.66 -2.34 -8.14	39.88 -2.45 -1.42	38.29 -2.60 -0.82	39.91 -2.48 -1.01	40.86 -2.43 -2.18	46.44 -2.25 -5.38	67.16 -2.08 -19.69	59.91 -2.31 -7.12	57.66 -2.48 -5.10	48.78 -2.21 -1.75	46.86 -2.26 -0.07	43.65 -2.20 0.00	41.20 -2.08 0.00	39.44 -1.60 0.00
NEG CENTRAL___SENECA 23627	33.38 -1.54 0.00	32.98 -1.34 0.00	30.24 -1.29 0.00	28.56 -1.28 0.00	31.06 -1.36 0.00	34.34 -1.28 0.00	37.01 -1.14 0.00	40.11 -1.50 0.00	40.61 -0.96 0.00	40.51 -1.15 -0.54	41.84 -1.51 -1.48	39.73 -1.56 -0.36	38.60 -1.68 -0.22	40.06 -1.57 -0.26	40.11 -1.56 -0.57	43.24 -1.47 -1.40	52.01 -1.64 -4.09	55.13 -1.82 -1.86	54.44 -1.93 -1.33	48.89 -1.48 -1.13	47.39 -1.72 -0.06	44.19 -1.65 0.00	41.63 -1.64 0.00	39.69 -1.35 0.00
NEG CENTRAL___STATE_STREET 24147	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.28 -0.57 0.00	31.84 -0.58 0.00	35.12 -0.50 0.00	37.70 -0.46 0.00	40.99 -0.62 0.00	41.06 -0.50 0.00	40.56 -0.58 -0.02	41.24 -0.63 0.00	40.27 -0.65 0.00	39.31 -0.76 0.00	40.72 -0.66 0.00	40.45 -0.66 0.00	42.70 -0.61 0.00	49.00 -0.55 0.00	55.35 -0.50 -0.75	54.97 -0.61 -0.54	48.87 -0.49 -0.12	48.51 -0.59 -0.05	45.20 -0.64 0.00	42.58 -0.69 0.00	40.43 -0.62 0.00
NEG MILLWOOD___DRP 24198	37.18 2.27 0.00	36.49 2.16 0.00	33.51 1.99 0.00	31.75 1.91 0.00	34.53 2.11 0.00	38.08 2.46 0.00	42.21 3.01 -1.04	50.43 3.41 -5.41	49.93 3.41 -4.96	47.39 3.41 -2.86	46.72 3.52 -1.34	45.53 3.48 -1.13	44.19 3.41 -0.72	45.73 3.56 -0.80	46.44 3.49 -1.84	51.58 3.77 -4.50	61.76 4.56 -7.65	71.02 5.29 -10.63	66.11 5.23 -5.84	59.01 4.48 -5.29	56.39 4.41 -2.93	51.43 3.94 -1.64	46.86 3.59 0.00	44.12 3.08 0.00
NEG NORTH_FLCN_SEA 23793	34.63 -0.28 0.00	33.91 -0.41 0.00	31.12 -0.41 0.00	29.43 -0.42 0.00	32.00 -0.42 0.00	35.20 -0.43 0.00	37.09 -1.07 0.00	40.69 -0.92 0.00	40.48 -1.08 0.00	40.13 -0.99 0.00	40.78 -1.09 0.00	39.86 -1.06 0.00	39.11 -0.96 0.00	40.26 -1.12 0.00	39.91 -1.19 0.00	41.97 -1.34 0.00	47.81 -1.73 0.00	53.17 -1.93 0.00	53.45 -1.60 0.00	47.91 -1.33 0.00	47.87 -1.18 0.00	44.74 -1.10 0.00	42.32 -0.95 0.00	40.76 -0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	34.39 -0.52 0.00	33.71 -0.62 0.00	30.90 -0.63 0.00	29.25 -0.60 0.00	31.81 -0.62 0.00	34.95 -0.68 0.00	37.13 -1.03 0.00	40.69 -0.92 0.00	40.48 -1.08 0.00	40.13 -0.99 0.00	40.78 -1.09 0.00	39.82 -1.10 0.00	39.07 -1.00 0.00	40.22 -1.16 0.00	39.91 -1.19 0.00	41.97 -1.34 0.00	47.81 -1.73 0.00	53.17 -1.93 0.00	53.45 -1.60 0.00	47.86 -1.38 0.00	47.87 -1.18 0.00	44.70 -1.15 0.00	42.28 -1.00 0.00	40.43 -0.62 0.00
NEG NORTH___ALICE_FALLS 23915	34.77 -0.14 0.00	34.05 -0.27 0.00	31.21 -0.32 0.00	29.52 -0.33 0.00	32.10 -0.32 0.00	35.34 -0.28 0.00	37.36 -0.80 0.00	40.99 -0.62 0.00	40.73 -0.83 0.00	40.42 -0.70 0.00	41.07 -0.80 0.00	40.14 -0.78 0.00	39.39 -0.68 0.00	40.55 -0.83 0.00	40.16 -0.95 0.00	42.23 -1.08 0.00	48.16 -1.39 0.00	53.61 -1.49 0.00	53.94 -1.10 0.00	48.36 -0.89 0.00	48.26 -0.78 0.00	45.11 -0.73 0.00	42.62 -0.65 0.00	40.92 -0.12 0.00
NEG NORTH___LWR_SARANAC 23913	34.77 -0.14 0.00	34.05 -0.27 0.00	31.21 -0.32 0.00	29.52 -0.33 0.00	32.10 -0.32 0.00	35.34 -0.28 0.00	37.36 -0.80 0.00	40.99 -0.62 0.00	40.73 -0.83 0.00	40.42 -0.70 0.00	41.07 -0.80 0.00	40.14 -0.78 0.00	39.39 -0.68 0.00	40.55 -0.83 0.00	40.16 -0.95 0.00	42.23 -1.08 0.00	48.16 -1.39 0.00	53.61 -1.49 0.00	53.94 -1.10 0.00	48.36 -0.89 0.00	48.26 -0.78 0.00	45.11 -0.73 0.00	42.62 -0.65 0.00	40.92 -0.12 0.00
NEG NORTH___PLATTSBURG 23628	34.78 -0.14 0.00	34.05 -0.28 0.00	31.21 -0.32 0.00	29.52 -0.33 0.00	32.10 -0.32 0.00	35.34 -0.29 0.00	37.35 -0.80 0.00	40.99 -0.62 0.00	40.73 -0.83 0.00	40.42 -0.70 0.00	41.07 -0.80 0.00	40.14 -0.78 0.00	39.35 -0.72 0.00	40.55 -0.83 0.00	40.12 -0.99 0.00	42.23 -1.08 0.00	48.16 -1.39 0.00	53.61 -1.49 0.00	53.94 -1.10 0.00	48.26 -0.98 0.00	48.26 -0.79 0.00	45.11 -0.74 0.00	42.62 -0.65 0.00	40.92 -0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	30.34 -4.57 0.00	30.31 -4.02 0.00	27.68 -3.85 0.00	26.11 -3.73 0.00	28.40 -4.02 0.00	31.38 -4.24 0.00	33.58 -4.58 0.00	35.70 -5.91 0.00	35.70 -5.86 0.00	35.34 -6.21 -0.42	34.74 -5.61 1.51	34.97 -5.85 0.10	34.14 -5.89 0.04	35.43 -5.88 0.07	35.02 -5.96 0.13	36.89 -6.11 0.31	39.95 -6.79 2.81	46.80 -7.88 0.42	46.59 -8.15 0.31	41.63 -7.14 0.47	41.70 -7.41 -0.06	39.24 -6.60 0.00	37.39 -5.89 0.00	36.32 -4.72 0.00
NEG WEST___LANCASTR 23811	31.53 -3.39 0.00	31.44 -2.88 0.00	28.72 -2.81 0.00	27.10 -2.75 0.00	29.47 -2.95 0.00	32.60 -3.03 0.00	34.95 -3.21 0.00	37.53 -4.08 0.00	37.61 -3.95 0.00	37.36 -4.28 -0.52	37.53 -2.89 1.45	37.91 -2.95 0.06	37.00 -3.05 0.02	38.35 -2.98 0.05	37.99 -3.04 0.07	39.98 -3.16 0.17	43.62 -3.42 2.51	50.90 -3.97 0.23	50.63 -4.24 0.18	45.11 -3.69 0.44	44.02 -5.10 -0.07	41.31 -4.54 0.00	39.20 -4.07 0.00	37.80 -3.24 0.00
NEG_PENN_ALLEGHNY 23528	34.29 -0.63 0.00	33.81 -0.51 0.00	31.02 -0.51 0.00	29.34 -0.51 0.00	31.87 -0.55 0.00	35.12 -0.50 0.00	38.18 -0.38 -0.40	43.38 -0.50 -2.27	43.28 -0.37 -2.09	41.73 -0.45 -1.06	41.95 -0.42 -0.50	40.89 -0.45 -0.42	39.81 -0.52 -0.26	41.22 -0.45 -0.29	41.37 -0.41 -0.68	44.62 -0.35 -1.66	52.14 -0.25 -2.84	58.73 -0.27 -3.91	56.77 -0.38 -2.11	50.98 -0.34 -2.08	49.63 -0.54 -1.12	45.89 -0.60 -0.64	42.67 -0.61 0.00	40.55 -0.49 0.00
NEG___GEN_MONROE 24207	32.26 -2.65 0.00	32.06 -2.27 0.00	29.32 -2.21 0.00	27.70 -2.15 0.00	30.09 -2.33 0.00	33.24 -2.39 0.00	35.64 -2.52 0.00	38.16 -3.45 0.00	38.32 -3.24 0.00	37.69 -3.41 0.02	38.43 -3.43 0.00	37.36 -3.56 0.00	36.42 -3.65 0.00	37.82 -3.56 0.00	37.45 -3.66 0.00	39.59 -3.72 0.00	45.49 -4.06 0.00	51.14 -4.68 -0.73	50.61 -4.95 -0.52	44.73 -4.38 0.13	44.68 -4.41 -0.05	41.86 -3.99 0.00	39.59 -3.68 0.00	38.17 -2.87 0.00

NEPA___ENERGY 23901	30.76 -4.15 0.00	30.68 -3.64 0.00	28.03 -3.50 0.00	26.41 -3.43 0.00	28.76 -3.66 0.00	31.85 -3.78 0.00	34.11 -4.04 0.00	36.49 -5.12 0.00	36.41 -5.15 0.00	36.05 -5.55 -0.48	35.03 -4.73 2.11	35.92 -4.83 0.18	35.09 -4.89 0.09	36.37 -4.88 0.13	35.92 -4.93 0.25	37.61 -5.11 0.59	39.81 -5.65 4.09	47.86 -6.45 0.79	47.80 -6.66 0.58	42.89 -5.76 0.59	42.79 -6.33 -0.07	40.25 -5.59 0.00	38.30 -4.98 0.00	37.10 -3.94 0.00
NEVERSink___HYD 23608	36.69 1.78 0.00	36.04 1.72 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.11 1.69 0.00	37.58 1.96 0.00	41.97 2.78 -1.03	50.42 3.08 -5.73	49.87 3.08 -5.23	46.83 3.04 -2.66	46.17 3.05 -1.24	44.96 2.99 -1.05	43.66 2.92 -0.67	45.18 3.06 -0.74	45.90 3.08 -1.71	50.84 3.34 -4.19	60.88 4.21 -7.13	70.05 4.85 -10.10	65.36 4.84 -5.47	58.68 4.18 -5.26	55.90 3.97 -2.88	51.06 3.58 -1.63	46.39 3.12 0.00	43.67 2.63 0.00
NEWKRMKL_115KV_TB1 55635	36.62 1.71 0.00	35.97 1.65 0.00	33.04 1.51 0.00	31.28 1.43 0.00	34.01 1.59 0.00	37.26 1.64 0.00	45.91 1.83 -5.92	75.92 1.96 -32.35	73.16 2.00 -29.60	51.43 2.06 -8.25	47.86 2.14 -3.85	46.31 2.13 -3.26	44.26 2.12 -2.07	45.87 2.19 -2.30	48.55 2.14 -5.31	58.60 2.30 -12.99	74.19 2.58 -22.07	100.79 2.92 -42.77	78.47 2.86 -20.57	81.98 2.56 -30.18	67.08 2.55 -15.48	57.61 2.38 -9.38	45.57 2.29 0.00	43.06 2.01 0.00
NEWTON___FALLS_HYD 23847	34.25 -0.66 0.00	33.60 -0.72 0.00	30.90 -0.63 0.00	29.22 -0.63 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.94 -0.67 0.00	40.77 -0.79 0.00	40.30 -0.82 0.00	40.95 -0.92 0.00	39.94 -0.98 0.00	39.07 -1.00 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	42.18 -1.13 0.00	48.21 -1.34 0.00	53.66 -1.43 0.00	53.67 -1.38 0.00	48.06 -1.18 0.00	47.92 -1.13 0.00	44.70 -1.15 0.00	42.15 -1.13 0.00	40.14 -0.90 0.00
NGRID_A1_DSASP 323792	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.00 -5.15 0.00	34.99 -6.62 0.00	34.95 -6.61 0.00	34.73 -6.82 -0.43	34.04 -6.32 1.51	34.20 -6.63 0.09	33.42 -6.61 0.04	34.61 -6.70 0.07	34.28 -6.70 0.12	36.21 -6.80 0.30	38.95 -7.83 2.77	45.66 -9.04 0.40	45.39 -9.36 0.30	40.50 -8.27 0.47	41.02 -8.09 -0.06	38.42 -7.43 0.00	36.65 -6.62 0.00	35.67 -5.38 0.00
NGRID_A2_DSASP 323793	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.00 -5.15 0.00	34.99 -6.62 0.00	34.95 -6.61 0.00	34.73 -6.82 -0.43	34.04 -6.32 1.51	34.20 -6.63 0.09	33.42 -6.61 0.04	34.61 -6.70 0.07	34.28 -6.70 0.12	36.21 -6.80 0.30	38.95 -7.83 2.77	45.66 -9.04 0.40	45.39 -9.36 0.30	40.50 -8.27 0.47	41.02 -8.09 -0.06	38.42 -7.43 0.00	36.65 -6.62 0.00	35.67 -5.38 0.00
NGRID_A4_DSASP 323807	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.00 -5.15 0.00	34.99 -6.62 0.00	34.95 -6.61 0.00	34.73 -6.82 -0.43	34.04 -6.32 1.51	34.20 -6.63 0.09	33.42 -6.61 0.04	34.61 -6.70 0.07	34.28 -6.70 0.12	36.21 -6.80 0.30	38.95 -7.83 2.77	45.66 -9.04 0.40	45.39 -9.36 0.30	40.50 -8.27 0.47	41.02 -8.09 -0.06	38.42 -7.43 0.00	36.65 -6.62 0.00	35.67 -5.38 0.00
NIAGARA_115E_LBMP 323715	29.75 -5.17 0.00	29.72 -4.60 0.00	27.18 -4.35 0.00	25.64 -4.21 0.00	27.89 -4.54 0.00	30.78 -4.84 0.00	32.93 -5.23 0.00	34.95 -6.66 0.00	34.83 -6.73 0.00	34.61 -6.95 -0.44	34.00 -6.36 1.50	34.16 -6.67 0.09	33.38 -6.65 0.04	34.57 -6.74 0.07	34.28 -6.70 0.12	36.17 -6.84 0.30	39.01 -7.78 2.76	45.71 -8.98 0.40	45.50 -9.25 0.29	40.70 -8.08 0.47	40.97 -8.14 -0.06	38.37 -7.47 0.00	36.61 -6.66 0.00	35.59 -5.46 0.00
NIAGARA_115W_LBMP 323714	29.78 -5.13 0.00	29.76 -4.56 0.00	27.21 -4.32 0.00	25.67 -4.18 0.00	27.92 -4.51 0.00	30.81 -4.81 0.00	32.93 -5.23 0.00	34.91 -6.70 0.00	34.87 -6.69 0.00	34.65 -6.91 -0.43	34.00 -6.36 1.50	34.12 -6.71 0.09	33.34 -6.69 0.04	34.52 -6.79 0.07	34.24 -6.74 0.12	36.13 -6.89 0.30	38.86 -7.93 2.76	45.61 -9.09 0.40	45.33 -9.41 0.29	40.41 -8.37 0.47	40.92 -8.19 -0.06	38.33 -7.52 0.00	36.57 -6.71 0.00	35.59 -5.46 0.00
NIAGARA_230_LBMP 323716	30.17 -4.75 0.00	30.10 -4.22 0.00	27.52 -4.00 0.00	25.96 -3.88 0.00	28.24 -4.18 0.00	31.17 -4.45 0.00	33.31 -4.85 0.00	35.37 -6.24 0.00	35.37 -6.19 0.00	35.13 -6.41 -0.43	34.23 -6.15 1.48	34.62 -6.22 0.08	33.82 -6.21 0.04	35.03 -6.29 0.06	34.71 -6.29 0.11	36.45 -6.58 0.28	39.32 -7.48 2.74	46.29 -8.43 0.38	46.01 -8.75 0.27	41.06 -7.73 0.45	41.51 -7.60 -0.06	38.83 -7.01 0.00	37.04 -6.23 0.00	35.95 -5.09 0.00
NIAGARA___115KV_198_GIBSON 55903	29.82 -5.10 0.00	29.76 -4.56 0.00	27.21 -4.32 0.00	25.67 -4.18 0.00	27.92 -4.51 0.00	30.81 -4.81 0.00	32.93 -5.23 0.00	34.91 -6.70 0.00	35.00 -6.57 0.00	34.69 -6.87 -0.43	34.04 -6.32 1.50	34.16 -6.67 0.09	33.34 -6.69 0.04	34.57 -6.74 0.07	34.16 -6.82 0.12	36.08 -6.93 0.30	38.86 -7.93 2.76	45.50 -9.20 0.40	45.39 -9.36 0.29	40.41 -8.37 0.47	40.67 -8.44 -0.06	38.33 -7.52 0.00	36.57 -6.71 0.00	35.54 -5.50 0.00
NIAGARA___ 23760	30.17 -4.75 0.00	30.10 -4.22 0.00	27.52 -4.00 0.00	25.96 -3.88 0.00	28.24 -4.18 0.00	31.17 -4.45 0.00	33.31 -4.85 0.00	35.37 -6.24 0.00	35.37 -6.19 0.00	35.14 -6.41 -0.43	34.22 -6.15 1.49	34.62 -6.22 0.09	33.82 -6.21 0.04	35.03 -6.29 0.06	34.70 -6.29 0.12	36.45 -6.58 0.28	39.31 -7.48 2.75	46.28 -8.43 0.39	46.01 -8.75 0.28	41.06 -7.73 0.46	41.51 -7.60 -0.06	38.83 -7.01 0.00	37.04 -6.23 0.00	35.95 -5.09 0.00
NINE_MILE_1 23575	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.59 -1.57 0.00	39.82 -1.79 0.00	39.82 -1.74 0.00	39.35 -1.77 0.00	40.07 -1.80 0.00	39.12 -1.80 0.00	38.27 -1.80 0.00	39.56 -1.82 0.00	39.34 -1.77 0.00	41.45 -1.86 0.00	47.47 -2.08 0.00	52.78 -2.31 0.00	52.73 -2.31 0.00	47.13 -2.12 0.00	46.94 -2.11 0.00	43.88 -1.97 0.00	41.41 -1.86 0.00	39.28 -1.76 0.00
NINE_MILE_2 23744	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.59 -1.57 0.00	39.82 -1.79 0.00	39.82 -1.74 0.00	39.35 -1.77 0.00	40.07 -1.80 0.00	39.12 -1.80 0.00	38.27 -1.80 0.00	39.56 -1.82 0.00	39.34 -1.77 0.00	41.45 -1.86 0.00	47.47 -2.08 0.00	52.78 -2.31 0.00	52.73 -2.31 0.00	47.18 -2.07 0.00	46.94 -2.11 0.00	43.88 -1.97 0.00	41.41 -1.86 0.00	39.28 -1.76 0.00
NM_CAPITAL___DRP 24208	36.62 1.71 0.00	35.97 1.65 0.00	33.04 1.51 0.00	31.28 1.43 0.00	33.98 1.56 0.00	37.23 1.60 0.00	45.76 1.79 -5.81	75.30 1.91 -31.78	72.56 1.91 -29.08	51.24 1.97 -8.15	47.77 2.09 -3.80	46.22 2.09 -3.21	44.15 2.04 -2.04	45.75 2.11 -2.27	48.40 2.06 -5.24	58.34 2.21 -12.82	73.81 2.48 -21.79	100.00 2.81 -42.09	78.05 2.75 -20.26	81.35 2.46 -29.64	66.71 2.45 -15.21	57.40 2.34 -9.21	45.52 2.25 0.00	43.01 1.97 0.00

NM_CENTRAL___DRP 24181	34.08 -0.84 0.00	33.57 -0.76 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.68 -0.75 0.00	34.87 -0.75 0.00	37.36 -0.80 0.00	40.65 -0.96 0.00	40.65 -0.91 0.00	40.17 -0.95 0.00	40.90 -0.96 0.00	39.98 -0.94 0.00	39.07 -1.00 0.00	40.43 -0.95 0.00	40.16 -0.95 0.00	42.40 -0.91 0.00	48.56 -0.99 0.00	53.99 -1.10 0.00	53.89 -1.16 0.00	48.16 -1.08 0.00	47.92 -1.13 0.00	44.79 -1.05 0.00	42.23 -1.04 0.00	40.06 -0.99 0.00
NM_FRONTIER___DRP 24179	29.82 -5.10 0.00	29.76 -4.56 0.00	27.21 -4.32 0.00	25.67 -4.18 0.00	27.92 -4.51 0.00	30.81 -4.81 0.00	32.93 -5.23 0.00	34.91 -6.70 0.00	35.00 -6.57 0.00	34.69 -6.87 -0.43	34.04 -6.32 1.50	34.16 -6.67 0.09	33.34 -6.69 0.04	34.57 -6.74 0.07	34.16 -6.82 0.12	36.08 -6.93 0.30	38.86 -7.93 2.76	45.50 -9.20 0.40	45.39 -9.36 0.29	40.41 -8.37 0.47	40.67 -8.44 -0.06	38.33 -7.52 0.00	36.57 -6.71 0.00	35.54 -5.50 0.00
NM_ST_REGIS___HYD 24053	34.67 -0.24 0.00	33.98 -0.34 0.00	31.18 -0.35 0.00	29.49 -0.36 0.00	32.07 -0.36 0.00	35.20 -0.43 0.00	37.36 -0.80 0.00	41.03 -0.58 0.00	40.82 -0.75 0.00	40.46 -0.66 0.00	41.07 -0.80 0.00	40.10 -0.82 0.00	39.31 -0.76 0.00	40.47 -0.91 0.00	40.16 -0.95 0.00	42.01 -1.30 0.00	47.91 -1.64 0.00	53.28 -1.82 0.00	53.50 -1.54 0.00	47.96 -1.28 0.00	47.92 -1.13 0.00	44.70 -1.15 0.00	42.23 -1.04 0.00	40.43 -0.62 0.00
NORTHPORT___1 23551	37.71 2.79 0.00	36.62 2.30 0.00	33.70 2.17 0.00	32.26 2.42 0.00	34.63 2.21 0.00	38.15 2.53 0.00	42.61 3.51 -0.95	50.75 3.91 -5.23	50.17 3.91 -4.70	47.64 3.74 -2.78	47.32 4.15 -1.31	46.04 4.01 -1.11	44.86 4.09 -0.71	47.51 4.22 -1.90	47.01 4.11 -1.80	55.87 4.25 -8.31	70.22 5.15 -15.52	73.58 6.01 -12.47	72.12 5.83 -11.24	66.14 4.97 -11.93	62.40 4.61 -8.74	59.78 4.22 -9.72	47.35 4.07 -0.01	44.37 3.32 0.00
NORTHPORT___2 23552	37.71 2.79 0.00	36.62 2.30 0.00	33.70 2.17 0.00	32.26 2.42 0.00	34.63 2.21 0.00	38.15 2.53 0.00	42.61 3.51 -0.95	50.75 3.91 -5.23	50.17 3.91 -4.70	47.64 3.74 -2.78	47.32 4.15 -1.31	46.04 4.01 -1.11	44.86 4.09 -0.71	47.51 4.22 -1.90	47.01 4.11 -1.80	55.87 4.25 -8.31	70.22 5.15 -15.52	73.58 6.01 -12.47	72.12 5.83 -11.24	66.14 4.97 -11.93	62.40 4.61 -8.74	59.78 4.22 -9.72	47.35 4.07 -0.01	44.37 3.32 0.00
NORTHPORT___3 23553	37.32 2.41 0.00	36.35 2.02 0.00	33.39 1.86 0.00	31.84 2.00 0.00	34.34 1.91 0.00	37.80 2.17 0.00	42.23 3.13 -0.95	50.33 3.50 -5.23	49.79 3.53 -4.70	47.35 3.45 -2.78	46.94 3.77 -1.31	45.71 3.68 -1.11	44.46 3.68 -0.71	47.14 3.85 -1.91	46.68 3.78 -1.80	55.60 3.94 -8.34	69.94 4.80 -15.59	72.83 5.24 -12.50	71.57 5.23 -11.30	65.91 4.68 -11.99	62.11 4.26 -8.80	59.59 3.94 -9.80	46.96 3.68 -0.01	44.08 3.04 0.00
NORTHPORT___4 23650	37.32 2.41 0.00	36.35 2.02 0.00	33.39 1.86 0.00	31.84 2.00 0.00	34.34 1.91 0.00	37.80 2.17 0.00	42.23 3.13 -0.95	50.33 3.50 -5.23	49.79 3.53 -4.70	47.35 3.45 -2.78	46.94 3.77 -1.31	45.71 3.68 -1.11	44.46 3.68 -0.71	47.14 3.85 -1.91	46.68 3.78 -1.80	55.60 3.94 -8.34	69.94 4.80 -15.59	72.83 5.24 -12.50	71.57 5.23 -11.30	65.91 4.68 -11.99	62.11 4.26 -8.80	59.59 3.94 -9.80	46.96 3.68 -0.01	44.08 3.04 0.00
NORTHPORT___IC 23718	37.60 2.69 0.00	36.62 2.30 0.00	33.70 2.18 0.00	32.11 2.27 0.00	34.60 2.17 0.00	38.15 2.53 0.00	42.66 3.51 -0.99	50.72 3.91 -5.20	50.17 3.91 -4.70	47.64 3.74 -2.78	47.32 4.14 -1.31	46.12 4.09 -1.11	44.82 4.05 -0.71	47.50 4.22 -1.90	46.89 3.99 -1.80	55.91 4.29 -8.31	70.22 5.15 -15.52	73.66 5.90 -12.66	72.18 5.83 -11.31	66.31 4.92 -12.15	62.55 4.66 -8.85	59.85 4.22 -9.79	47.35 4.07 -0.01	44.37 3.32 0.00
NORTH___COUNTRY_ESR 323785	34.29 -0.63 0.00	33.60 -0.72 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.01 -1.14 0.00	40.57 -1.04 0.00	40.40 -1.16 0.00	40.05 -1.07 0.00	40.65 -1.22 0.00	39.73 -1.19 0.00	38.99 -1.08 0.00	40.14 -1.24 0.00	39.75 -1.36 0.00	41.84 -1.47 0.00	47.71 -1.83 0.00	53.06 -2.04 0.00	53.23 -1.82 0.00	47.66 -1.58 0.00	47.62 -1.42 0.00	44.56 -1.28 0.00	42.15 -1.13 0.00	40.31 -0.74 0.00
NPX_GEN_1385_PROXY 323591	37.95 3.04 0.00	36.62 2.30 0.00	33.77 2.24 0.00	32.71 2.87 0.00	34.79 2.37 0.00	38.51 2.88 0.00	42.73 3.63 -0.95	50.83 3.99 -5.23	50.17 3.91 -4.70	47.64 3.74 -2.78	47.32 4.15 -1.31	45.92 3.89 -1.11	44.82 4.05 -0.71	47.46 4.18 -1.90	46.76 3.86 -1.80	55.78 4.16 -8.31	69.97 4.91 -15.52	73.63 6.06 -12.47	72.18 5.89 -11.24	65.79 4.63 -11.93	62.10 4.32 -8.74	59.15 3.58 -9.72	47.39 4.11 -0.01	44.08 3.04 0.00
NPX_GEN_CSC 323557	37.81 2.90 0.00	36.69 2.37 0.00	33.80 2.27 0.00	32.29 2.45 0.00	34.69 2.27 0.00	37.94 2.31 0.00	42.65 3.55 -0.95	50.75 3.91 -5.23	50.08 3.82 -4.70	47.39 3.49 -2.78	47.40 4.23 -1.31	46.12 4.09 -1.11	45.26 4.49 -0.71	47.68 4.38 -1.92	46.97 4.07 -1.80	55.92 4.25 -8.36	70.53 5.35 -15.63	73.78 6.17 -12.51	72.37 6.00 -11.33	66.39 5.12 -12.03	62.54 4.66 -8.83	60.31 4.63 -9.84	47.52 4.24 -0.01	44.57 3.53 0.00
NSINS_S__GLNS_FALLS 23858	37.11 2.20 0.00	36.45 2.13 0.00	33.45 1.92 0.00	31.66 1.82 0.00	34.47 2.04 0.00	37.90 2.28 0.00	50.43 2.67 -9.60	96.90 2.87 -52.42	92.52 2.99 -47.96	56.00 2.96 -11.92	50.49 3.06 -5.57	48.62 2.99 -4.71	45.90 2.84 -2.99	47.72 3.02 -3.32	51.78 3.00 -7.68	64.46 2.38 -18.77	84.22 2.77 -31.89	124.84 3.31 -66.44	89.51 3.19 -31.27	100.99 2.81 -48.94	76.60 2.65 -24.91	63.54 2.48 -15.21	45.52 2.25 0.00	43.79 2.75 0.00
NUCOR_STEEL___DRP 24197	34.32 -0.59 0.00	33.81 -0.51 0.00	31.06 -0.47 0.00	29.37 -0.48 0.00	31.91 -0.52 0.00	35.16 -0.46 0.00	37.70 -0.46 0.00	40.99 -0.62 0.00	40.98 -0.58 0.00	40.51 -0.62 -0.01	41.20 -0.67 0.00	40.23 -0.70 0.00	39.31 -0.76 0.00	40.72 -0.66 0.00	40.45 -0.66 0.00	42.70 -0.61 0.00	49.00 -0.55 0.00	54.60 -0.50 0.00	54.44 -0.61 0.00	48.79 -0.49 -0.04	48.46 -0.59 0.00	45.25 -0.60 0.00	42.62 -0.65 0.00	40.47 -0.57 0.00
NUMBER_THREE_WT_PWR 323818	34.53 -0.38 0.00	33.91 -0.41 0.00	31.18 -0.35 0.00	29.49 -0.36 0.00	32.04 -0.39 0.00	35.30 -0.32 0.00	38.04 -0.11 0.00	41.69 0.08 0.00	41.56 0.00 0.00	40.92 -0.20 0.00	41.62 -0.25 0.00	40.55 -0.37 0.00	39.67 -0.40 0.00	41.09 -0.29 0.00	40.86 -0.25 0.00	43.18 -0.13 0.00	49.50 -0.05 0.00	55.15 0.06 0.00	54.93 -0.11 0.00	49.19 -0.05 0.00	49.00 -0.05 0.00	45.66 -0.18 0.00	43.01 -0.26 0.00	40.71 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	34.91 0.00 0.00	34.32 0.00 0.00	31.53 0.00 0.00	29.84 0.00 0.00	32.43 0.00 0.00	35.62 0.00 0.00	38.16 0.00 0.00	41.61 0.00 0.00	41.56 0.00 0.00	41.12 0.00 0.00	41.87 0.00 0.00	40.92 0.00 0.00	40.07 0.00 0.00	41.38 0.00 0.00	41.10 0.00 0.00	43.31 0.00 0.00	49.55 0.00 0.00	55.10 0.00 0.00	55.04 0.00 0.00	49.24 0.00 0.00	49.04 0.00 0.00	45.85 0.00 0.00	43.27 0.00 0.00	41.04 0.00 0.00

NYPA_BRENTWD____GT 24164	37.99 3.07 0.00	36.90 2.58 0.00	33.92 2.40 0.00	32.44 2.60 0.00	34.89 2.46 0.00	38.40 2.78 0.00	43.00 3.89 -0.95	51.16 4.33 -5.23	50.59 4.32 -4.70	48.01 4.11 -2.78	47.74 4.56 -1.31	46.45 4.42 -1.11	45.26 4.49 -0.71	47.95 4.63 -1.94	47.46 4.56 -1.80	56.51 4.76 -8.43	71.11 5.79 -15.77	74.37 6.72 -12.55	73.01 6.55 -11.42	67.00 5.61 -12.15	63.13 5.15 -8.93	60.59 4.77 -9.98	47.78 4.50 -0.01	44.78 3.73 0.00
NYPA_GOWANUS____GT5 24156	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NYPA_GOWANUS____GT6 24157	55.22 2.48 -17.83	55.19 2.34 -18.53	54.40 2.21 -20.66	42.39 2.15 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	55.98 2.90 -14.93	59.57 3.25 -14.71	59.57 3.33 -14.68	59.37 3.45 -14.80	59.24 3.60 -13.78	59.23 3.56 -14.75	59.19 3.56 -15.56	59.27 3.68 -14.21	59.23 3.66 -14.47	59.63 3.81 -12.50	61.59 4.56 -7.49	104.16 5.34 -43.72	165.68 4.96 -105.68	158.47 4.33 -104.89	99.83 4.07 -46.72	59.30 3.76 -9.69	59.21 3.42 -12.52	57.28 2.99 -13.24
NYPA_HARLEM__RVR__GT1 24160	37.16 2.24 -0.01	36.46 2.13 -0.01	33.46 1.92 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.25 0.00	41.56 2.48 -0.93	49.44 2.70 -5.13	49.07 2.83 -4.68	46.89 3.00 -2.77	46.25 3.10 -1.29	45.08 3.07 -1.09	43.84 3.09 -0.69	45.33 3.19 -0.76	46.05 3.17 -1.78	50.93 3.25 -4.36	60.93 3.97 -7.42	69.68 4.57 -10.01	64.90 4.30 -5.56	57.71 3.70 -4.77	55.19 3.48 -2.67	50.54 3.21 -1.49	46.35 3.07 0.00	43.71 2.67 0.00
NYPA_HARLEM__RVR__GT2 24161	37.16 2.24 -0.01	36.46 2.13 -0.01	33.46 1.92 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.25 0.00	41.56 2.48 -0.93	49.44 2.70 -5.13	49.07 2.83 -4.68	46.89 3.00 -2.77	46.25 3.10 -1.29	45.08 3.07 -1.09	43.84 3.09 -0.69	45.33 3.19 -0.76	46.05 3.17 -1.78	50.93 3.25 -4.36	60.93 3.97 -7.42	69.68 4.57 -10.01	64.90 4.30 -5.56	57.71 3.70 -4.77	55.19 3.48 -2.67	50.54 3.21 -1.49	46.35 3.07 0.00	43.71 2.67 0.00
NYPA_KENT____GT 24152	47.50 2.38 -10.21	47.16 2.23 -10.61	45.44 2.08 -11.83	37.83 2.03 -5.96	46.26 2.17 -11.66	47.80 2.39 -9.79	49.93 2.82 -8.95	55.35 3.12 -10.62	55.22 3.24 -10.41	54.15 3.37 -9.66	53.78 3.47 -8.44	53.31 3.48 -8.91	52.76 3.48 -9.20	53.40 3.56 -8.46	53.72 3.57 -9.05	56.02 3.68 -9.03	61.42 4.41 -7.46	89.59 5.18 -29.31	122.71 4.79 -62.88	115.52 4.18 -62.09	80.86 3.93 -27.89	55.65 3.62 -6.19	53.77 3.33 -7.17	51.50 2.87 -7.58
NYPA_POUCH1____GT 24155	55.22 2.48 -17.83	55.19 2.34 -18.53	54.46 2.27 -20.66	42.45 2.21 -10.39	55.12 2.34 -20.36	55.22 2.49 -17.10	55.95 2.86 -14.93	59.44 3.12 -14.71	59.49 3.24 -14.68	59.25 3.33 -14.80	59.12 3.47 -13.78	59.15 3.48 -14.75	59.11 3.48 -15.56	59.15 3.56 -14.21	59.14 3.57 -14.47	59.49 3.68 -12.50	61.39 4.36 -7.49	104.11 5.29 -43.72	165.51 4.79 -105.68	158.31 4.18 -104.89	99.73 3.97 -46.72	59.16 3.62 -9.69	59.12 3.33 -12.52	57.20 2.91 -13.24
NYPA_VERNON____GT2 24162	39.78 2.27 -2.59	39.15 2.13 -2.69	36.52 1.99 -3.00	33.30 1.94 -1.52	37.46 2.08 -2.96	40.39 2.28 -2.48	43.83 2.71 -2.97	51.17 3.04 -6.53	50.82 3.12 -6.14	48.89 3.25 -4.52	48.36 3.39 -3.11	47.36 3.36 -3.08	46.29 3.37 -2.85	47.58 3.48 -2.72	48.18 3.45 -3.63	52.46 3.59 -5.55	61.29 4.31 -7.44	75.02 5.01 -14.91	79.80 4.68 -20.09	72.58 4.04 -19.30	61.93 3.83 -9.06	52.05 3.53 -2.68	48.29 3.20 -1.82	45.76 2.79 -1.92
NYPA_VERNON____GT3 24163	39.78 2.27 -2.59	39.15 2.13 -2.69	36.52 1.99 -3.00	33.30 1.94 -1.52	37.46 2.08 -2.96	40.39 2.28 -2.48	43.83 2.71 -2.97	51.17 3.04 -6.53	50.82 3.12 -6.14	48.89 3.25 -4.52	48.36 3.39 -3.11	47.36 3.36 -3.08	46.29 3.37 -2.85	47.58 3.48 -2.72	48.18 3.45 -3.63	52.46 3.59 -5.55	61.29 4.31 -7.44	75.02 5.01 -14.91	79.80 4.68 -20.09	72.58 4.04 -19.30	61.93 3.83 -9.06	52.05 3.53 -2.68	48.29 3.20 -1.82	45.76 2.79 -1.92
NYPA__ASTORIA_CC1 323568	37.16 2.24 -0.01	36.46 2.13 -0.01	33.49 1.96 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.76 2.67 -0.94	49.70 2.95 -5.14	49.28 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.28 -1.10	44.09 3.32 -0.70	45.55 3.39 -0.77	46.26 3.37 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.02 4.90 -10.02	65.18 4.57 -5.57	58.01 3.99 -4.78	55.45 3.73 -2.68	50.77 3.44 -1.49	46.43 3.16 0.00	43.79 2.75 0.00
NYPA__ASTORIA_CC2 323569	37.16 2.24 -0.01	36.46 2.13 -0.01	33.49 1.96 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.76 2.67 -0.94	49.70 2.95 -5.14	49.28 3.03 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.28 -1.10	44.09 3.32 -0.70	45.55 3.39 -0.77	46.26 3.37 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.02 4.90 -10.02	65.18 4.57 -5.57	58.01 3.99 -4.78	55.45 3.73 -2.68	50.77 3.44 -1.49	46.43 3.16 0.00	43.79 2.75 0.00
NYPA__HOLTSVILL 23794	37.78 2.86 0.00	36.69 2.37 0.00	33.77 2.24 0.00	32.26 2.42 0.00	34.69 2.27 0.00	38.12 2.49 0.00	42.73 3.63 -0.95	50.83 3.99 -5.23	50.25 3.99 -4.70	47.64 3.74 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.02 4.25 -0.71	47.64 4.34 -1.92	47.14 4.23 -1.80	56.00 4.33 -8.36	70.42 5.25 -15.62	73.72 6.12 -12.51	72.31 5.95 -11.32	66.33 5.07 -12.02	62.53 4.66 -8.82	60.03 4.36 -9.83	47.39 4.11 -0.01	44.41 3.37 0.00
NYPA__HELLGATE_GT1 24158	37.16 2.24 -0.01	36.46 2.13 -0.01	33.46 1.92 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.25 0.00	41.56 2.48 -0.93	49.44 2.70 -5.13	49.07 2.83 -4.68	46.89 3.00 -2.77	46.25 3.10 -1.29	45.08 3.07 -1.09	43.84 3.09 -0.69	45.33 3.19 -0.76	46.05 3.17 -1.78	50.93 3.25 -4.36	60.93 3.97 -7.42	69.68 4.57 -10.01	64.90 4.30 -5.56	57.71 3.70 -4.77	55.19 3.48 -2.67	50.54 3.21 -1.49	46.35 3.07 0.00	43.71 2.67 0.00
NYPA__HELLGATE_GT2 24159	37.16 2.24 -0.01	36.46 2.13 -0.01	33.46 1.92 -0.01	31.73 1.88 -0.01	34.44 2.01 -0.01	37.87 2.25 0.00	41.56 2.48 -0.93	49.44 2.70 -5.13	49.07 2.83 -4.68	46.89 3.00 -2.77	46.25 3.10 -1.29	45.08 3.07 -1.09	43.84 3.09 -0.69	45.33 3.19 -0.76	46.05 3.17 -1.78	50.93 3.25 -4.36	60.93 3.97 -7.42	69.68 4.57 -10.01	64.90 4.30 -5.56	57.71 3.70 -4.77	55.19 3.48 -2.67	50.54 3.21 -1.49	46.35 3.07 0.00	43.71 2.67 0.00
NYS_BARGE__HYD 23848	30.34 -4.57 0.00	30.31 -4.02 0.00	27.71 -3.82 0.00	26.11 -3.73 0.00	28.40 -4.02 0.00	31.42 -4.20 0.00	33.62 -4.54 0.00	35.74 -5.87 0.00	35.62 -5.94 0.00	35.33 -6.21 -0.42	34.88 -5.61 1.38	35.03 -5.81 0.08	34.19 -5.85 0.03	35.45 -5.88 0.06	35.13 -5.88 0.10	37.05 -6.02 0.24	40.25 -6.79 2.51	46.94 -7.82 0.33	46.71 -8.09 0.24	41.71 -7.09 0.44	41.99 -7.11 -0.06	39.29 -6.56 0.00	37.43 -5.84 0.00	36.36 -4.68 0.00

OAK ORCHARD___HYD 24046	32.19 -2.72 0.00	31.96 -2.37 0.00	29.26 -2.27 0.00	27.67 -2.18 0.00	30.06 -2.37 0.00	33.17 -2.46 0.00	35.60 -2.56 0.00	38.20 -3.41 0.00	38.32 -3.24 0.00	37.77 -3.33 0.02	38.48 -3.39 0.00	37.53 -3.40 0.00	36.58 -3.49 0.00	37.94 -3.43 0.00	37.65 -3.45 0.00	39.76 -3.55 0.00	45.63 -3.92 0.00	50.69 -4.41 0.00	50.36 -4.68 0.00	44.92 -4.19 0.14	45.07 -3.97 0.00	42.13 -3.71 0.00	39.90 -3.38 0.00	38.25 -2.79 0.00
OAKDALE___35_KV_LOAD 356122	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.12 -0.46 -0.42	43.27 -0.62 -2.28	43.25 -0.50 -2.18	41.62 -0.58 -1.08	41.83 -0.54 -0.51	40.81 -0.53 -0.42	39.70 -0.64 -0.27	41.14 -0.54 -0.30	41.26 -0.53 -0.69	44.53 -0.48 -1.69	52.04 -0.40 -2.89	58.68 -0.44 -4.02	56.65 -0.55 -2.16	50.93 -0.49 -2.18	49.48 -0.74 -1.17	45.83 -0.69 -0.67	42.58 -0.69 0.00	40.47 -0.57 0.00
OCC_CHEM___DRP 24175	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.01 -5.15 0.00	34.99 -6.62 0.00	35.08 -6.48 0.00	34.73 -6.83 -0.43	34.08 -6.28 1.51	34.20 -6.63 0.09	33.38 -6.65 0.04	34.61 -6.70 0.07	34.24 -6.74 0.12	36.13 -6.89 0.30	38.95 -7.83 2.77	45.61 -9.09 0.40	45.50 -9.25 0.30	40.50 -8.27 0.47	40.77 -8.34 -0.06	38.42 -7.43 0.00	36.61 -6.66 0.00	35.63 -5.42 0.00
OH_GEN_PROXY 24063	30.24 -4.68 0.00	30.17 -4.15 0.00	27.62 -3.91 0.00	26.05 -3.79 0.00	28.31 -4.12 0.00	31.24 -4.38 0.00	33.42 -4.73 0.00	35.53 -6.08 0.00	35.54 -6.03 0.00	35.30 -6.25 -0.43	34.60 -5.99 1.28	34.82 -6.06 0.05	34.00 -6.05 0.02	35.22 -6.12 0.04	34.92 -6.12 0.06	36.74 -6.41 0.16	40.00 -7.28 2.26	46.72 -8.15 0.22	46.40 -8.48 0.16	41.30 -7.53 0.40	41.70 -7.41 -0.06	37.40 -6.83 1.61	37.17 -6.10 0.00	36.08 -4.97 0.00
OLIN_CORP_DRP 24177	29.85 -5.06 0.00	29.83 -4.50 0.00	27.24 -4.29 0.00	25.70 -4.15 0.00	27.95 -4.47 0.00	30.85 -4.77 0.00	33.01 -5.15 0.00	35.04 -6.57 0.00	35.08 -6.48 0.00	34.73 -6.83 -0.44	34.06 -6.28 1.52	34.28 -6.55 0.10	33.45 -6.57 0.04	34.69 -6.62 0.07	34.28 -6.70 0.13	36.21 -6.80 0.30	39.11 -7.63 2.80	45.81 -8.87 0.41	45.66 -9.08 0.30	40.74 -8.03 0.47	40.82 -8.29 -0.06	38.46 -7.38 0.00	36.65 -6.62 0.00	35.67 -5.38 0.00
OLIN_CORP_DSASP 323712	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.00 -5.15 0.00	34.99 -6.62 0.00	34.95 -6.61 0.00	34.73 -6.82 -0.43	34.04 -6.32 1.51	34.20 -6.63 0.09	33.42 -6.61 0.04	34.61 -6.70 0.07	34.28 -6.70 0.12	36.21 -6.80 0.30	38.95 -7.83 2.77	45.66 -9.04 0.40	45.39 -9.36 0.30	40.50 -8.27 0.47	41.02 -8.09 -0.06	38.42 -7.43 0.00	36.65 -6.62 0.00	35.67 -5.38 0.00
ONEIDA_HERK_LFGE 323681	35.16 0.25 0.00	34.57 0.24 0.00	31.78 0.25 0.00	30.08 0.24 0.00	32.65 0.23 0.00	36.02 0.39 0.00	38.77 0.61 0.00	42.36 0.75 0.00	42.31 0.75 0.00	41.70 0.58 0.00	42.45 0.59 0.00	41.42 0.49 0.00	40.51 0.44 0.00	41.92 0.54 0.00	41.68 0.58 0.00	44.05 0.74 0.00	50.49 0.94 0.00	56.20 1.10 0.00	55.98 0.93 0.00	50.13 0.89 0.00	49.88 0.83 0.00	46.58 0.73 0.00	43.88 0.61 0.00	41.54 0.49 0.00
ONEIDA___115KV_TB4 55905	35.44 0.52 0.00	34.87 0.55 0.00	32.06 0.54 0.00	30.32 0.48 0.00	32.94 0.52 0.00	36.34 0.71 0.00	39.11 0.95 0.00	42.73 1.12 0.00	42.64 1.08 0.00	42.07 0.95 0.00	42.83 0.96 0.00	41.78 0.86 0.00	40.83 0.76 0.00	42.29 0.91 0.00	42.05 0.95 0.00	44.44 1.13 0.00	50.93 1.39 0.00	56.69 1.60 0.00	56.47 1.43 0.00	50.52 1.28 0.00	50.22 1.18 0.00	46.90 1.05 0.00	44.18 0.91 0.00	41.87 0.82 0.00
ONONDAGA_REF_OCCRA 23987	34.25 -0.66 0.00	33.71 -0.62 0.00	30.96 -0.57 0.00	29.28 -0.57 0.00	31.81 -0.62 0.00	35.02 -0.61 0.00	37.55 -0.61 0.00	40.90 -0.71 0.00	40.90 -0.67 0.00	40.42 -0.70 0.00	41.16 -0.71 0.00	40.23 -0.70 0.00	39.31 -0.76 0.00	40.68 -0.70 0.00	40.41 -0.70 0.00	42.66 -0.65 0.00	48.90 -0.64 0.00	54.38 -0.72 0.00	54.27 -0.77 0.00	48.52 -0.74 -0.02	48.21 -0.83 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00
ONONDAGA___COGEN 23986	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.05 -0.57 0.00	37.55 -0.61 0.00	40.90 -0.71 0.00	40.90 -0.67 0.00	40.39 -0.74 -0.01	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.41 -0.70 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.55 -0.74 -0.04	48.26 -0.78 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00
ONTARIO___LFGE 23819	33.38 -1.54 0.00	32.98 -1.34 0.00	30.23 -1.29 0.00	28.56 -1.28 0.00	31.06 -1.36 0.00	34.34 -1.28 0.00	37.01 -1.14 0.00	40.11 -1.50 0.00	40.57 -1.00 0.00	40.51 -1.15 -0.54	41.84 -1.51 -1.48	39.73 -1.56 -0.36	38.60 -1.68 -0.22	40.06 -1.57 -0.26	40.20 -1.48 -0.57	43.24 -1.47 -1.40	51.96 -1.68 -4.09	55.14 -1.82 -1.86	54.44 -1.93 -1.33	48.89 -1.48 -1.13	47.49 -1.62 -0.06	44.20 -1.65 0.00	41.67 -1.60 0.00	39.69 -1.35 0.00
ORANGEVILLE_WT_PWR 323706	30.86 -4.05 0.00	30.75 -3.57 0.00	28.12 -3.41 0.00	26.53 -3.31 0.00	28.86 -3.57 0.00	31.92 -3.71 0.00	34.23 -3.93 0.00	36.70 -4.91 0.00	35.45 -6.11 0.00	35.16 -6.50 -0.54	29.87 -4.86 7.14	35.08 -4.91 0.93	34.62 -4.93 0.51	35.74 -4.97 0.67	34.86 -4.85 1.39	34.86 -5.02 3.43	28.33 -5.55 15.67	44.31 -6.23 4.56	45.44 -6.33 3.28	42.03 -5.56 1.65	43.33 -5.79 -0.08	40.48 -5.36 0.00	38.38 -4.89 0.00	37.06 -3.98 0.00
ORANGEVILLE___ESR 323794	30.86 -4.05 0.00	30.75 -3.57 0.00	28.12 -3.41 0.00	26.53 -3.31 0.00	28.86 -3.57 0.00	31.92 -3.71 0.00	34.23 -3.93 0.00	36.70 -4.91 0.00	35.45 -6.11 0.00	35.16 -6.50 -0.54	29.87 -4.86 7.14	35.08 -4.91 0.93	34.62 -4.93 0.51	35.74 -4.97 0.67	34.86 -4.85 1.39	34.86 -5.02 3.43	28.33 -5.55 15.67	44.31 -6.23 4.56	45.44 -6.33 3.28	42.03 -5.56 1.65	43.33 -5.79 -0.08	40.48 -5.36 0.00	38.38 -4.89 0.00	37.06 -3.98 0.00
OSWEGATCHIE___HYD 24044	34.25 -0.66 0.00	33.60 -0.72 0.00	30.90 -0.63 0.00	29.22 -0.63 0.00	31.71 -0.71 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.94 -0.67 0.00	40.77 -0.79 0.00	40.30 -0.82 0.00	40.95 -0.92 0.00	39.94 -0.98 0.00	39.07 -1.00 0.00	40.39 -0.99 0.00	40.08 -1.03 0.00	42.23 -1.08 0.00	48.21 -1.34 0.00	53.66 -1.43 0.00	53.67 -1.37 0.00	48.06 -1.18 0.00	47.92 -1.13 0.00	44.70 -1.14 0.00	42.15 -1.13 0.00	40.14 -0.90 0.00
OSWEGO___5 23606	33.73 -1.19 0.00	33.22 -1.10 0.00	30.52 -1.01 0.00	28.89 -0.96 0.00	31.39 -1.04 0.00	34.48 -1.14 0.00	36.90 -1.26 0.00	40.11 -1.50 0.00	40.11 -1.46 0.00	39.64 -1.48 0.00	40.36 -1.51 0.00	39.45 -1.47 0.00	38.59 -1.48 0.00	39.89 -1.49 0.00	39.63 -1.48 0.00	41.79 -1.52 0.00	47.86 -1.68 0.00	53.22 -1.87 0.00	53.11 -1.93 0.00	47.52 -1.72 0.00	47.33 -1.72 0.00	44.20 -1.65 0.00	41.72 -1.56 0.00	39.61 -1.44 0.00

OSWEGO___6 23613	33.73 -1.19 0.00	33.22 -1.10 0.00	30.52 -1.01 0.00	28.89 -0.96 0.00	31.39 -1.04 0.00	34.48 -1.14 0.00	36.90 -1.26 0.00	40.11 -1.50 0.00	40.11 -1.46 0.00	39.64 -1.48 0.00	40.36 -1.51 0.00	39.45 -1.47 0.00	38.59 -1.48 0.00	39.89 -1.49 0.00	39.63 -1.48 0.00	41.79 -1.52 0.00	47.86 -1.68 0.00	53.22 -1.87 0.00	53.11 -1.93 0.00	47.52 -1.72 0.00	47.33 -1.72 0.00	44.20 -1.65 0.00	41.72 -1.56 0.00	39.61 -1.44 0.00
OUTOKUMPU-AB___DRP 24206	30.62 -4.29 0.00	30.58 -3.74 0.00	27.93 -3.59 0.00	26.32 -3.52 0.00	28.66 -3.76 0.00	31.67 -3.95 0.00	33.88 -4.27 0.00	36.08 -5.53 0.00	36.08 -5.49 0.00	35.72 -5.84 -0.44	35.09 -5.15 1.62	35.41 -5.40 0.11	34.57 -5.45 0.05	35.84 -5.46 0.08	35.41 -5.55 0.15	37.33 -5.63 0.36	40.18 -6.34 3.02	47.29 -7.33 0.48	47.09 -7.60 0.35	42.05 -6.70 0.49	42.10 -7.01 -0.07	39.66 -6.19 0.00	37.78 -5.50 0.00	36.65 -4.39 0.00
OXBOW___BTM 323836	30.27 -4.64 0.00	30.24 -4.09 0.00	27.65 -3.88 0.00	26.05 -3.79 0.00	28.34 -4.09 0.00	31.31 -4.31 0.00	33.50 -4.66 0.00	35.62 -5.99 0.00	35.54 -6.03 0.00	35.27 -6.29 -0.44	34.65 -5.65 1.57	34.84 -5.98 0.10	34.09 -5.93 0.05	35.30 -6.00 0.07	34.97 -6.00 0.14	36.83 -6.15 0.33	39.67 -6.98 2.90	46.61 -8.05 0.44	46.35 -8.36 0.32	41.38 -7.39 0.48	41.75 -7.36 -0.06	39.11 -6.74 0.00	37.30 -5.97 0.00	36.24 -4.80 0.00
OXBOW____ 24026	30.27 -4.64 0.00	30.24 -4.08 0.00	27.65 -3.88 0.00	26.05 -3.79 0.00	28.37 -4.05 0.00	31.31 -4.31 0.00	33.50 -4.66 0.00	35.62 -5.99 0.00	35.66 -5.90 0.00	35.31 -6.25 -0.44	34.65 -5.65 1.57	34.89 -5.93 0.10	34.05 -5.97 0.05	35.30 -6.00 0.07	34.88 -6.08 0.14	36.79 -6.19 0.33	39.66 -6.99 2.90	46.56 -8.10 0.44	46.41 -8.31 0.32	41.38 -7.39 0.48	41.51 -7.60 -0.06	39.11 -6.74 0.00	37.26 -6.01 0.00	36.24 -4.80 0.00
OXY_CHEM_DSASP 323612	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.01 -5.15 0.00	34.99 -6.62 0.00	35.08 -6.48 0.00	34.73 -6.83 -0.43	34.08 -6.28 1.51	34.20 -6.63 0.09	33.38 -6.65 0.04	34.61 -6.70 0.07	34.24 -6.74 0.12	36.13 -6.89 0.30	38.95 -7.83 2.77	45.61 -9.09 0.40	45.50 -9.25 0.30	40.50 -8.27 0.47	40.77 -8.34 -0.06	38.42 -7.43 0.00	36.61 -6.66 0.00	35.63 -5.42 0.00
OZONE_PARK_ESR 323760	37.18 2.27 0.00	36.45 2.13 0.00	33.51 1.99 0.00	31.75 1.91 0.00	34.50 2.08 0.00	37.94 2.32 0.00	41.96 2.82 -0.98	50.00 3.29 -5.11	49.58 3.33 -4.69	47.35 3.45 -2.78	46.72 3.56 -1.30	45.58 3.56 -1.10	44.25 3.49 -0.70	45.79 3.64 -0.77	46.47 3.58 -1.79	51.49 3.81 -4.37	61.58 4.61 -7.43	70.54 5.23 -10.21	65.79 5.12 -5.63	58.67 4.43 -5.00	56.14 4.32 -2.78	51.25 3.85 -1.55	46.69 3.42 0.00	43.96 2.91 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.01 -5.15 0.00	34.99 -6.62 0.00	35.08 -6.48 0.00	34.73 -6.83 -0.43	34.08 -6.28 1.51	34.20 -6.63 0.09	33.38 -6.65 0.04	34.61 -6.70 0.07	34.24 -6.74 0.12	36.13 -6.89 0.30	38.95 -7.83 2.77	45.61 -9.09 0.40	45.50 -9.25 0.30	40.50 -8.27 0.47	40.77 -8.34 -0.06	38.42 -7.43 0.00	36.61 -6.66 0.00	35.63 -5.42 0.00
PACKARD___I15KV_DUPONT_I84 80571	29.85 -5.06 0.00	29.83 -4.50 0.00	27.27 -4.26 0.00	25.73 -4.12 0.00	27.98 -4.44 0.00	30.89 -4.74 0.00	33.01 -5.15 0.00	34.99 -6.62 0.00	35.08 -6.48 0.00	34.73 -6.83 -0.43	34.08 -6.28 1.51	34.20 -6.63 0.09	33.38 -6.65 0.04	34.61 -6.70 0.07	34.24 -6.74 0.12	36.13 -6.89 0.30	38.95 -7.83 2.77	45.61 -9.09 0.40	45.50 -9.25 0.30	40.50 -8.27 0.47	40.77 -8.34 -0.06	38.42 -7.43 0.00	36.61 -6.66 0.00	35.63 -5.42 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	37.12 2.20 -0.01	36.42 2.09 -0.01	33.43 1.89 -0.01	31.70 1.85 -0.01	34.41 1.98 -0.01	37.83 2.21 0.00	41.66 2.52 -0.98	49.46 2.75 -5.11	49.12 2.87 -4.69	46.90 3.00 -2.78	46.26 3.10 -1.30	45.17 3.15 -1.10	43.89 3.13 -0.70	45.38 3.23 -0.77	46.02 3.12 -1.79	50.98 3.29 -4.37	60.94 3.96 -7.43	69.77 4.46 -10.21	65.08 4.40 -5.63	57.98 3.74 -5.00	55.45 3.63 -2.78	50.65 3.26 -1.55	46.34 3.07 0.00	43.71 2.67 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	37.44 2.51 -0.01	36.73 2.40 -0.01	33.68 2.14 -0.01	31.94 2.09 -0.01	34.67 2.24 -0.01	38.12 2.49 0.00	41.96 2.82 -0.98	49.84 3.12 -5.11	49.45 3.20 -4.69	47.23 3.33 -2.78	46.56 3.39 -1.30	45.42 3.40 -1.10	44.13 3.37 -0.70	45.63 3.48 -0.77	46.30 3.41 -1.79	51.28 3.59 -4.37	61.29 4.31 -7.43	70.15 4.85 -10.21	65.46 4.79 -5.63	58.33 4.09 -5.00	55.80 3.97 -2.78	50.98 3.58 -1.55	46.69 3.42 0.00	44.08 3.04 0.00
PATROON___I15KV_TB1 80586	36.66 1.75 0.00	36.01 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.30 1.67 0.00	46.41 1.87 -6.39	78.51 2.00 -34.90	75.54 2.04 -31.94	51.93 2.10 -8.72	48.16 2.22 -4.07	46.57 2.21 -3.44	44.42 2.16 -2.19	46.04 2.23 -2.43	48.89 2.18 -5.61	59.37 2.34 -13.72	75.49 2.63 -23.32	103.90 3.03 -45.78	79.94 2.97 -21.93	84.41 2.61 -32.56	68.32 2.60 -16.68	58.40 2.43 -10.12	45.61 2.34 0.00	43.10 2.05 0.00
PATTRSNVILLE___SOLAR 323815	36.35 1.43 0.00	35.73 1.41 0.00	32.82 1.29 0.00	31.07 1.22 0.00	33.76 1.33 0.00	37.12 1.50 0.00	50.13 1.76 -10.22	99.41 1.87 -55.93	94.46 1.87 -51.03	55.35 1.73 -12.51	49.47 1.76 -5.84	47.50 1.64 -4.94	44.81 1.60 -3.13	46.55 1.70 -3.48	50.88 1.73 -8.05	64.95 1.95 -19.69	85.42 2.43 -33.45	128.20 2.75 -70.35	90.81 2.75 -33.02	103.76 2.41 -52.11	77.89 2.35 -26.49	64.20 2.16 -16.20	45.26 1.99 0.00	42.81 1.76 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	31.35 -3.56 0.00	31.27 -3.05 0.00	28.56 -2.96 0.00	26.92 -2.92 0.00	29.31 -3.11 0.00	32.42 -3.21 0.00	34.76 -3.40 0.00	37.28 -4.33 0.00	37.28 -4.28 0.00	36.97 -4.65 -0.49	36.78 -3.43 1.66	37.30 -3.52 0.10	36.42 -3.61 0.04	37.75 -3.56 0.07	37.36 -3.62 0.13	39.27 -3.72 0.31	42.46 -4.06 3.02	49.99 -4.68 0.42	49.72 -5.01 0.32	44.42 -4.33 0.49	43.62 -5.49 -0.07	41.03 -4.81 0.00	38.95 -4.33 0.00	37.64 -3.41 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.18 2.27 0.00	36.49 2.16 0.00	33.51 1.99 0.00	31.75 1.91 0.00	34.53 2.11 0.00	38.08 2.46 0.00	42.21 3.01 -1.04	50.43 3.41 -5.41	49.93 3.41 -4.96	47.39 3.41 -2.86	46.72 3.52 -1.34	45.53 3.48 -1.13	44.19 3.41 -0.72	45.73 3.56 -0.80	46.44 3.49 -1.84	51.58 3.77 -4.50	61.76 4.56 -7.65	71.02 5.29 -10.63	66.11 5.23 -5.84	59.01 4.48 -5.29	56.39 4.41 -2.93	51.43 3.94 -1.64	46.86 3.59 0.00	44.12 3.08 0.00
PEEKSKILL____ 23653	36.73 1.81 0.00	36.04 1.72 0.00	33.10 1.58 0.00	31.39 1.55 0.00	34.08 1.65 0.00	37.51 1.89 0.00	41.40 2.33 -0.92	49.34 2.70 -5.03	48.90 2.74 -4.59	46.64 2.80 -2.72	46.02 2.89 -1.27	44.86 2.86 -1.07	43.60 2.85 -0.68	45.12 2.98 -0.76	45.82 2.96 -1.75	50.71 3.12 -4.28	60.58 3.76 -7.27	69.25 4.35 -9.80	64.67 4.18 -5.45	57.56 3.64 -4.68	55.15 3.48 -2.62	50.46 3.16 -1.45	46.13 2.86 0.00	43.42 2.38 0.00

PGE MADISON___WINDPWR 24146	36.10 1.19 0.00	35.56 1.23 0.00	32.73 1.20 0.00	30.92 1.07 0.00	33.49 1.07 0.00	37.23 1.60 0.00	41.13 2.37 -0.61	52.23 5.82 -4.80	51.60 5.65 -4.39	47.59 4.73 -1.75	47.21 4.52 -0.82	45.87 4.26 -0.69	44.51 4.01 -0.44	46.21 4.34 -0.48	46.79 4.56 -1.12	51.82 5.76 -2.74	61.65 7.43 -4.67	64.73 4.35 -5.28	61.75 3.97 -2.75	56.00 3.64 -3.12	54.07 3.38 -1.65	49.79 2.98 -0.96	45.96 2.68 0.00	43.42 2.38 0.00
PIERCEFIELD___HYD 23852	34.60 -0.31 0.00	33.91 -0.41 0.00	31.15 -0.38 0.00	29.46 -0.39 0.00	32.00 -0.42 0.00	35.09 -0.53 0.00	37.28 -0.88 0.00	40.94 -0.67 0.00	40.73 -0.83 0.00	40.34 -0.78 0.00	40.95 -0.92 0.00	40.02 -0.90 0.00	39.19 -0.88 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	41.88 -1.43 0.00	47.76 -1.78 0.00	53.11 -1.98 0.00	53.28 -1.76 0.00	47.77 -1.48 0.00	47.72 -1.32 0.00	44.52 -1.33 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
PINELAWN_CC_1 323563	37.71 2.79 0.00	36.69 2.37 0.00	33.70 2.17 0.00	32.17 2.33 0.00	34.63 2.21 0.00	38.15 2.53 0.00	42.69 3.59 -0.95	50.88 4.03 -5.24	50.29 4.03 -4.70	47.76 3.86 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	44.94 4.17 -0.71	47.72 4.30 -2.04	47.18 4.27 -1.80	56.50 4.42 -8.77	71.47 5.45 -16.47	74.08 6.22 -12.76	73.01 6.05 -11.92	67.28 5.27 -12.77	63.36 4.86 -9.46	60.99 4.45 -10.70	47.48 4.20 -0.01	44.49 3.45 0.00
PJM_GEN_HTP_PROXY 323702	36.94 2.02 0.00	36.21 1.89 0.00	33.29 1.76 0.00	31.57 1.73 0.00	34.27 1.85 0.00	37.69 2.07 0.00	41.65 2.56 -0.94	49.70 2.95 -5.13	49.28 3.03 -4.69	47.02 3.12 -2.78	46.39 3.22 -1.30	45.21 3.19 -1.10	43.93 3.16 -0.70	45.46 3.31 -0.77	46.18 3.29 -1.79	51.15 3.47 -4.37	61.14 4.16 -7.43	69.96 4.85 -10.01	65.23 4.62 -5.57	58.00 3.99 -4.78	55.50 3.78 -2.67	50.77 3.44 -1.48	46.35 3.07 0.00	43.63 2.59 0.00
PJM_GEN_KEystone 24065	26.77 -0.84 7.30	27.32 -0.72 6.29	23.69 -0.69 7.14	23.74 -0.66 5.45	25.33 -0.71 6.38	29.62 -0.68 5.33	37.70 -0.53 -0.08	44.00 -0.79 -3.18	41.06 -0.67 -0.16	34.72 -0.74 5.67	33.31 -0.50 8.06	32.01 -0.57 8.34	30.92 -0.56 8.59	30.76 -0.54 10.08	31.19 -0.49 9.42	37.39 -0.52 5.40	45.00 -0.45 4.10	56.00 -0.38 -1.29	51.80 -0.60 2.64	49.70 -0.59 -1.04	42.50 -0.83 5.71	37.39 -0.82 7.63	33.42 -0.74 9.12	32.19 -0.61 8.24
PJM_GEN_NEPTUNE_PROXY 323594	37.25 2.34 0.00	36.28 1.96 0.00	33.32 1.80 0.00	31.78 1.94 0.00	34.27 1.85 0.00	37.76 2.14 0.00	42.12 3.01 -0.95	50.20 3.37 -5.22	49.67 3.41 -4.70	47.23 3.33 -2.78	46.81 3.64 -1.31	45.59 3.56 -1.11	44.34 3.56 -0.70	46.90 3.68 -1.84	46.56 3.66 -1.80	55.16 3.77 -8.09	69.22 4.61 -15.06	72.67 5.24 -12.34	71.09 5.12 -10.92	65.20 4.43 -11.52	61.57 4.12 -8.40	58.86 3.76 -9.26	46.83 3.55 -0.01	43.96 2.91 0.00
PJM_GEN_VFT_PROXY 323633	36.02 1.78 0.67	35.31 1.68 0.70	33.10 1.58 0.00	31.39 1.55 0.00	33.50 1.65 0.58	36.79 1.82 0.65	40.82 2.25 -0.42	49.06 2.67 -4.78	48.62 2.74 -4.32	46.29 2.84 -2.33	45.67 2.97 -0.83	44.46 2.95 -0.59	43.14 2.92 -0.14	44.67 3.02 -0.27	45.46 3.04 -1.32	50.54 3.16 -4.07	60.84 3.87 -7.43	68.29 4.46 -8.74	61.08 4.24 -1.80	53.90 3.64 -1.01	53.50 3.43 -1.02	50.15 3.12 -1.18	45.56 2.77 0.48	42.83 2.30 0.51
PLATSBURG_115KV_PMLD1 355749	34.60 -0.31 0.00	33.91 -0.41 0.00	31.09 -0.44 0.00	29.40 -0.45 0.00	31.97 -0.45 0.00	35.16 -0.46 0.00	37.16 -0.99 0.00	40.74 -0.87 0.00	40.52 -1.04 0.00	40.22 -0.90 0.00	40.82 -1.05 0.00	39.90 -1.02 0.00	39.15 -0.92 0.00	40.30 -1.08 0.00	39.95 -1.15 0.00	42.01 -1.30 0.00	47.91 -1.64 0.00	53.22 -1.87 0.00	53.50 -1.54 0.00	47.96 -1.28 0.00	47.92 -1.13 0.00	44.79 -1.05 0.00	42.36 -0.91 0.00	40.72 -0.33 0.00
PLEASANTVLY___LBMP 24000	36.76 1.85 0.00	36.07 1.75 0.00	33.14 1.61 0.00	31.40 1.55 0.00	34.11 1.69 0.00	37.55 1.92 0.00	41.52 2.33 -1.04	49.67 2.66 -5.40	49.18 2.66 -4.96	46.78 2.71 -2.95	46.09 2.85 -1.38	44.91 2.82 -1.16	43.61 2.80 -0.74	45.10 2.90 -0.82	45.88 2.88 -1.90	50.98 3.03 -4.64	61.00 3.57 -7.89	70.02 4.08 -10.84	65.05 4.02 -5.99	58.04 3.50 -5.30	55.43 3.43 -2.95	50.61 3.12 -1.65	46.13 2.86 0.00	43.47 2.42 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.94 2.03 0.00	36.21 1.89 0.00	33.29 1.77 0.00	31.55 1.70 0.00	34.27 1.85 0.00	37.72 2.10 0.00	41.71 2.56 -1.00	49.72 2.91 -5.19	49.28 2.95 -4.77	46.95 3.00 -2.82	46.33 3.14 -1.32	45.15 3.11 -1.11	43.86 3.09 -0.71	45.39 3.23 -0.79	46.09 3.17 -1.82	51.14 3.38 -4.45	61.12 4.01 -7.56	70.06 4.57 -10.39	65.23 4.46 -5.73	58.22 3.89 -5.08	55.65 3.78 -2.83	50.82 3.39 -1.58	46.34 3.07 0.00	43.67 2.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.94 2.03 0.00	36.21 1.89 0.00	33.29 1.77 0.00	31.55 1.70 0.00	34.27 1.85 0.00	37.72 2.10 0.00	41.71 2.56 -1.00	49.72 2.91 -5.19	49.28 2.95 -4.77	46.95 3.00 -2.82	46.33 3.14 -1.32	45.15 3.11 -1.11	43.86 3.09 -0.71	45.39 3.23 -0.79	46.09 3.17 -1.82	51.14 3.38 -4.45	61.12 4.01 -7.56	70.06 4.57 -10.39	65.23 4.46 -5.73	58.22 3.89 -5.08	55.65 3.78 -2.83	50.82 3.39 -1.58	46.34 3.07 0.00	43.67 2.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.01 2.09 0.00	36.31 1.99 0.00	33.36 1.83 0.00	31.60 1.76 0.00	34.37 1.95 0.00	37.87 2.24 0.00	42.04 2.75 -1.14	50.57 3.04 -5.92	50.03 3.03 -5.43	47.18 3.08 -2.97	46.44 3.18 -1.39	45.25 3.15 -1.17	43.94 3.13 -0.75	45.43 3.23 -0.83	46.22 3.21 -1.91	51.41 3.42 -4.68	61.61 4.11 -7.96	71.07 4.68 -11.29	65.86 4.68 -6.14	59.07 4.04 -5.79	56.20 3.97 -3.18	51.22 3.58 -1.80	46.60 3.33 0.00	43.92 2.87 0.00
POLETTI___ 23519	36.94 2.03 0.00	36.25 1.92 0.00	33.29 1.77 0.00	31.57 1.73 0.00	34.31 1.88 0.00	37.65 2.03 0.00	41.39 2.40 -0.83	42.82 2.83 1.62	42.81 2.87 1.62	42.62 3.00 1.51	43.34 3.10 1.63	43.38 3.11 0.65	43.34 3.05 -0.23	43.41 3.19 1.16	43.33 3.12 0.90	43.75 3.33 2.90	43.95 4.01 9.61	51.30 4.57 8.37	44.07 4.46 15.44	44.17 3.79 8.87	43.88 3.73 8.89	43.48 3.30 5.67	43.38 2.94 2.84	42.25 2.46 1.26
POMONA___ESR 323819	36.62 1.71 0.00	35.94 1.61 0.00	33.01 1.48 0.00	31.28 1.43 0.00	33.98 1.56 0.00	37.40 1.78 0.00	41.25 2.21 -0.88	49.01 2.58 -4.82	48.54 2.58 -4.40	46.35 2.63 -2.60	45.84 2.76 -1.21	44.69 2.74 -1.02	43.45 2.73 -0.65	44.92 2.82 -0.72	45.61 2.83 -1.67	50.34 2.95 -4.09	60.06 3.57 -6.94	68.59 4.13 -9.36	64.26 4.02 -5.20	57.21 3.50 -4.48	54.89 3.34 -2.50	50.26 3.03 -1.39	46.00 2.73 0.00	43.30 2.26 0.00
PORT_JEFF_3 23555	37.88 2.97 0.00	36.80 2.47 0.00	33.86 2.33 0.00	32.35 2.51 0.00	34.79 2.37 0.00	38.22 2.60 0.00	42.88 3.78 -0.95	51.00 4.16 -5.23	50.42 4.16 -4.70	47.81 3.91 -2.78	47.57 4.39 -1.31	46.32 4.30 -1.11	45.18 4.41 -0.71	47.81 4.51 -1.92	47.30 4.40 -1.80	56.18 4.50 -8.37	70.73 5.55 -15.64	74.05 6.44 -12.51	72.59 6.22 -11.33	66.64 5.37 -12.03	62.78 4.90 -8.83	60.32 4.63 -9.84	47.61 4.33 -0.01	44.61 3.57 0.00

PORT_JEFF_4 23616	37.88 2.97 0.00	36.80 2.47 0.00	33.86 2.33 0.00	32.35 2.51 0.00	34.79 2.37 0.00	38.22 2.60 0.00	42.88 3.78 -0.95	51.00 4.16 -5.23	50.42 4.16 -4.70	47.81 3.91 -2.78	47.57 4.39 -1.31	46.32 4.30 -1.11	45.18 4.41 -0.71	47.81 4.51 -1.92	47.30 4.40 -1.80	56.18 4.50 -8.37	70.73 5.55 -15.64	74.05 6.44 -12.51	72.59 6.22 -11.33	66.64 5.37 -12.03	62.78 4.90 -8.83	60.32 4.63 -9.84	47.61 4.33 -0.01	44.61 3.57 0.00
PORT_JEFF_IC 23713	37.85 2.93 0.00	36.83 2.51 0.00	33.86 2.33 0.00	32.23 2.39 0.00	34.76 2.33 0.00	38.22 2.60 0.00	42.92 3.78 -0.99	51.01 4.20 -5.20	50.42 4.16 -4.70	47.80 3.91 -2.78	47.57 4.40 -1.31	46.37 4.34 -1.11	45.18 4.41 -0.71	47.85 4.55 -1.92	47.10 4.19 -1.80	56.24 4.55 -8.38	70.81 5.60 -15.66	74.20 6.39 -12.71	72.73 6.27 -11.41	66.88 5.37 -12.28	63.01 5.00 -8.96	60.46 4.68 -9.94	47.65 4.37 -0.01	44.62 3.57 0.00
PPL_PILGRIM_ST_GT1 24216	37.99 3.07 0.00	36.90 2.58 0.00	33.92 2.40 0.00	32.44 2.60 0.00	34.89 2.46 0.00	38.40 2.78 0.00	43.00 3.89 -0.95	51.16 4.33 -5.23	50.59 4.32 -4.70	48.01 4.11 -2.78	47.74 4.56 -1.31	46.45 4.42 -1.11	45.26 4.49 -0.71	47.95 4.63 -1.94	47.46 4.56 -1.80	56.51 4.76 -8.43	71.11 5.79 -15.77	74.37 6.72 -12.55	73.01 6.55 -11.42	67.00 5.61 -12.15	63.13 5.15 -8.93	60.59 4.77 -9.98	47.78 4.50 -0.01	44.78 3.73 0.00
PPL_PILGRIM_ST_GT2 24217	37.99 3.07 0.00	36.90 2.58 0.00	33.92 2.40 0.00	32.44 2.60 0.00	34.89 2.46 0.00	38.40 2.78 0.00	43.00 3.89 -0.95	51.16 4.33 -5.23	50.59 4.32 -4.70	48.01 4.11 -2.78	47.74 4.56 -1.31	46.45 4.42 -1.11	45.26 4.49 -0.71	47.95 4.63 -1.94	47.46 4.56 -1.80	56.51 4.76 -8.43	71.11 5.79 -15.77	74.37 6.72 -12.55	73.01 6.55 -11.42	67.00 5.61 -12.15	63.13 5.15 -8.93	60.59 4.77 -9.98	47.78 4.50 -0.01	44.78 3.73 0.00
PPL_SHRM_GT3 24213	37.85 2.93 0.00	36.73 2.40 0.00	33.83 2.30 0.00	32.32 2.48 0.00	34.73 2.30 0.00	37.97 2.35 0.00	42.69 3.59 -0.95	50.79 3.95 -5.23	50.13 3.87 -4.70	47.44 3.54 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.26 4.49 -0.71	47.68 4.38 -1.92	47.01 4.11 -1.80	55.97 4.29 -8.37	70.55 5.35 -15.65	73.83 6.22 -12.51	72.43 6.05 -11.33	66.45 5.17 -12.04	62.59 4.71 -8.84	60.38 4.68 -9.85	47.57 4.28 -0.01	44.57 3.53 0.00
PPL_SHRM_GT4 24214	37.85 2.93 0.00	36.73 2.40 0.00	33.83 2.30 0.00	32.32 2.48 0.00	34.73 2.30 0.00	37.97 2.35 0.00	42.69 3.59 -0.95	50.79 3.95 -5.23	50.13 3.87 -4.70	47.44 3.54 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.26 4.49 -0.71	47.68 4.38 -1.92	47.01 4.11 -1.80	55.97 4.29 -8.37	70.55 5.35 -15.65	73.83 6.22 -12.51	72.43 6.05 -11.33	66.45 5.17 -12.04	62.59 4.71 -8.84	60.38 4.68 -9.85	47.57 4.28 -0.01	44.57 3.53 0.00
PROJECT___ORANGE 1 24174	34.08 -0.84 0.00	33.57 -0.76 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.68 -0.75 0.00	34.87 -0.75 0.00	37.36 -0.80 0.00	40.65 -0.96 0.00	40.69 -0.87 0.00	40.17 -0.95 0.00	40.95 -0.92 0.00	39.98 -0.94 0.00	39.11 -0.96 0.00	40.47 -0.91 0.00	40.20 -0.90 0.00	42.40 -0.91 0.00	48.61 -0.94 0.00	54.05 -1.05 0.00	53.89 -1.16 0.00	48.21 -1.03 0.00	47.92 -1.13 0.00	44.79 -1.05 0.00	42.23 -1.04 0.00	40.06 -0.99 0.00
PROJECT___ORANGE 2 24166	34.08 -0.84 0.00	33.57 -0.76 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.68 -0.75 0.00	34.87 -0.75 0.00	37.36 -0.80 0.00	40.65 -0.96 0.00	40.69 -0.87 0.00	40.17 -0.95 0.00	40.95 -0.92 0.00	39.98 -0.94 0.00	39.11 -0.96 0.00	40.47 -0.91 0.00	40.20 -0.90 0.00	42.40 -0.91 0.00	48.61 -0.94 0.00	54.05 -1.05 0.00	53.89 -1.16 0.00	48.21 -1.03 0.00	47.92 -1.13 0.00	44.79 -1.05 0.00	42.23 -1.04 0.00	40.06 -0.99 0.00
PUCKETT___SOLAR 323809	34.88 -0.03 0.00	34.36 0.03 0.00	31.56 0.03 0.00	29.81 -0.03 0.00	32.39 -0.03 0.00	35.77 0.14 0.00	39.09 0.42 -0.51	45.50 0.83 -3.06	45.25 0.87 -2.81	43.01 0.62 -1.27	43.05 0.59 -0.60	41.92 0.49 -0.50	40.79 0.40 -0.32	42.23 0.50 -0.35	42.54 0.62 -0.82	46.18 0.87 -2.00	54.24 1.29 -3.41	60.73 0.94 -4.70	58.36 0.83 -2.49	52.61 0.74 -2.63	50.94 0.49 -1.41	47.07 0.41 -0.81	43.58 0.31 0.00	41.33 0.29 0.00
PYRITES___HYD 24023	35.33 0.42 0.00	34.63 0.31 0.00	31.81 0.28 0.00	30.08 0.24 0.00	32.68 0.26 0.00	35.91 0.28 0.00	38.31 0.15 0.00	42.07 0.46 0.00	41.85 0.29 0.00	41.41 0.29 0.00	42.03 0.17 0.00	41.05 0.12 0.00	40.27 0.20 0.00	41.50 0.12 0.00	41.27 0.16 0.00	43.14 -0.17 0.00	49.15 -0.40 0.00	54.66 -0.44 0.00	54.77 -0.28 0.00	49.09 -0.15 0.00	49.04 0.00 0.00	45.75 -0.09 0.00	43.23 -0.04 0.00	41.37 0.33 0.00
QUAKERRD_115KV_BK1 80622	31.95 -2.97 0.00	31.65 -2.68 0.00	29.01 -2.52 0.00	27.43 -2.42 0.00	29.80 -2.63 0.00	32.84 -2.78 0.00	35.26 -2.90 0.00	37.95 -3.66 0.00	38.11 -3.45 0.00	37.51 -3.58 0.03	38.22 -3.64 0.00	37.28 -3.64 0.00	36.38 -3.69 0.00	37.74 -3.64 0.00	37.41 -3.70 0.00	39.50 -3.81 0.00	45.38 -4.16 0.01	50.36 -4.74 0.00	50.09 -4.95 0.00	44.62 -4.43 0.19	44.68 -4.36 0.00	41.86 -3.99 0.00	39.59 -3.68 0.00	37.88 -3.16 0.00
QUEENSBRY_115KV_TB8 356137	37.15 2.23 0.00	36.49 2.16 0.00	33.48 1.95 0.00	31.69 1.85 0.00	34.50 2.08 0.00	37.94 2.32 0.00	50.51 2.71 -9.65	97.24 2.95 -52.68	92.84 3.08 -48.20	56.13 3.04 -11.97	50.60 3.14 -5.59	48.76 3.11 -4.72	46.00 2.93 -3.00	47.81 3.10 -3.33	51.89 3.08 -7.71	64.54 2.38 -18.85	84.34 2.77 -32.02	125.15 3.31 -66.74	89.64 3.19 -31.41	101.23 2.81 -49.18	76.77 2.70 -25.03	63.61 2.48 -15.29	45.48 2.21 0.00	43.84 2.79 0.00
RAMAPO___LBMP 323565	36.49 1.57 0.00	35.80 1.48 0.00	32.88 1.36 0.00	31.19 1.34 0.00	33.88 1.46 0.00	37.26 1.64 0.00	41.17 2.10 -0.91	48.78 2.41 -4.76	48.34 2.41 -4.37	46.16 2.47 -2.58	45.67 2.60 -1.20	44.52 2.58 -1.02	43.24 2.52 -0.65	44.74 2.65 -0.72	45.35 2.59 -1.66	50.14 2.77 -4.06	59.76 3.32 -6.90	68.36 3.80 -9.46	64.00 3.74 -5.22	57.13 3.25 -4.64	54.76 3.14 -2.58	50.08 2.80 -1.44	45.83 2.55 0.00	43.14 2.09 0.00
RANKINE____ 23646	30.90 -4.02 0.00	30.86 -3.47 0.00	28.19 -3.34 0.00	26.56 -3.28 0.00	28.92 -3.50 0.00	31.99 -3.63 0.00	34.23 -3.93 0.00	36.57 -5.03 0.00	36.45 -5.11 0.00	36.13 -5.47 -0.48	35.26 -4.61 2.01	36.02 -4.75 0.16	35.22 -4.77 0.08	36.50 -4.76 0.12	36.03 -4.85 0.22	37.75 -5.02 0.54	40.14 -5.55 3.85	48.04 -6.34 0.72	47.85 -6.66 0.53	42.86 -5.81 0.57	42.79 -6.33 -0.07	40.25 -5.59 0.00	38.25 -5.02 0.00	37.06 -3.98 0.00
RAVENSWOOD_GT2_1 24244	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.09 4.11 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00



RAVENSWOOD_GT2_2 24245	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.09 4.11 -7.43	69.99 4.68 -10.21	65.24 4.57 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD_GT2_3 24246	37.01 2.09 0.00	36.28 1.96 0.00	33.36 1.83 0.00	31.60 1.76 0.00	34.34 1.91 0.00	37.72 2.10 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.29 3.03 -4.69	47.02 3.13 -2.78	46.43 3.27 -1.30	45.25 3.23 -1.10	43.97 3.21 -0.70	45.50 3.35 -0.77	46.18 3.29 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	70.04 4.74 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.70 3.87 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD_GT2_4 24247	37.01 2.09 0.00	36.28 1.96 0.00	33.36 1.83 0.00	31.60 1.76 0.00	34.34 1.91 0.00	37.72 2.10 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.29 3.03 -4.69	47.02 3.13 -2.78	46.43 3.27 -1.30	45.25 3.23 -1.10	43.97 3.21 -0.70	45.50 3.35 -0.77	46.18 3.29 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	70.04 4.74 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.70 3.87 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD_GT3_1 24248	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.34 1.91 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.97 3.21 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD_GT3_2 24249	36.97 2.06 0.00	36.28 1.96 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.34 1.91 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.29 3.03 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.97 3.21 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD_GT3_3 24250	37.01 2.09 0.00	36.31 1.99 0.00	33.36 1.83 0.00	31.63 1.79 0.00	34.34 1.91 0.00	37.76 2.14 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	44.01 3.25 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.35 4.68 -5.63	58.23 3.99 -5.00	55.75 3.92 -2.78	50.88 3.48 -1.55	46.43 3.16 0.00	43.71 2.67 0.00
RAVENSWOOD_GT3_4 24251	37.01 2.09 0.00	36.31 1.99 0.00	33.36 1.83 0.00	31.63 1.79 0.00	34.34 1.91 0.00	37.76 2.14 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	44.01 3.25 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.35 4.68 -5.63	58.23 3.99 -5.00	55.75 3.92 -2.78	50.88 3.48 -1.55	46.43 3.16 0.00	43.71 2.67 0.00
RAVENSWOOD_GT_1 23729	39.78 2.27 -2.59	39.15 2.13 -2.69	36.52 1.99 -3.00	33.30 1.94 -1.52	37.46 2.08 -2.96	40.38 2.28 -2.48	43.88 2.71 -3.01	51.14 3.04 -6.50	50.82 3.12 -6.14	48.89 3.25 -4.52	48.32 3.35 -3.11	47.40 3.40 -3.08	46.29 3.37 -2.85	47.58 3.48 -2.72	48.14 3.41 -3.63	52.46 3.59 -5.55	61.25 4.26 -7.44	74.99 4.79 -15.10	79.87 4.68 -20.15	72.75 3.99 -19.52	62.14 3.92 -9.17	52.12 3.53 -2.74	48.29 3.20 -1.82	45.76 2.79 -1.92
RAVENSWOOD_GT_10 24258	36.97 2.06 0.00	36.24 1.92 0.00	33.32 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD_GT_11 24259	36.97 2.06 0.00	36.24 1.92 0.00	33.32 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD_GT_4 24252	38.90 2.03 -1.96	38.28 1.92 -2.04	35.57 1.77 -2.28	32.72 1.73 -1.14	36.52 1.85 -2.24	39.58 2.07 -1.89	43.24 2.56 -2.53	50.73 2.95 -6.17	50.35 2.99 -5.79	48.35 3.13 -4.11	47.77 3.22 -2.68	46.76 3.23 -2.60	45.57 3.17 -2.34	46.95 3.31 -2.26	47.54 3.25 -3.19	52.05 3.46 -5.27	61.10 4.11 -7.44	73.71 4.68 -13.93	76.30 4.57 -16.69	69.24 3.94 -16.05	60.51 3.83 -7.64	51.74 3.44 -2.46	47.77 3.12 -1.38	45.09 2.59 -1.46
RAVENSWOOD_GT_5 24254	38.90 2.03 -1.96	38.28 1.92 -2.04	35.57 1.77 -2.28	32.72 1.73 -1.14	36.52 1.85 -2.24	39.58 2.07 -1.89	43.24 2.56 -2.53	50.73 2.95 -6.17	50.35 2.99 -5.79	48.35 3.13 -4.11	47.77 3.22 -2.68	46.76 3.23 -2.60	45.57 3.17 -2.34	46.95 3.31 -2.26	47.54 3.25 -3.19	52.05 3.46 -5.27	61.10 4.11 -7.44	73.71 4.68 -13.93	76.30 4.57 -16.69	69.24 3.94 -16.05	60.51 3.83 -7.64	51.74 3.44 -2.46	47.77 3.12 -1.38	45.09 2.59 -1.46
RAVENSWOOD_GT_6 24253	38.90 2.03 -1.96	38.28 1.92 -2.04	35.57 1.77 -2.28	32.72 1.73 -1.14	36.52 1.85 -2.24	39.58 2.07 -1.89	43.24 2.56 -2.53	50.73 2.95 -6.17	50.35 2.99 -5.79	48.35 3.13 -4.11	47.77 3.22 -2.68	46.76 3.23 -2.60	45.57 3.17 -2.34	46.95 3.31 -2.26	47.54 3.25 -3.19	52.05 3.46 -5.27	61.10 4.11 -7.44	73.71 4.68 -13.93	76.30 4.57 -16.69	69.24 3.94 -16.05	60.51 3.83 -7.64	51.74 3.44 -2.46	47.77 3.12 -1.38	45.09 2.59 -1.46
RAVENSWOOD_GT_7 24255	38.90 2.03 -1.96	38.28 1.92 -2.04	35.57 1.77 -2.28	32.72 1.73 -1.14	36.52 1.85 -2.24	39.58 2.07 -1.89	43.24 2.56 -2.53	50.73 2.95 -6.17	50.35 2.99 -5.79	48.35 3.13 -4.11	47.77 3.22 -2.68	46.76 3.23 -2.60	45.57 3.17 -2.34	46.95 3.31 -2.26	47.54 3.25 -3.19	52.05 3.46 -5.27	61.10 4.11 -7.44	73.71 4.68 -13.93	76.30 4.57 -16.69	69.24 3.94 -16.05	60.51 3.83 -7.64	51.74 3.44 -2.46	47.77 3.12 -1.38	45.09 2.59 -1.46
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.97 2.06 0.00	36.24 1.92 0.00	33.32 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00

RAVENSWOOD_GT_9 24257	36.97 2.06 0.00	36.24 1.92 0.00	33.32 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.69 2.56 -0.98	49.67 2.95 -5.11	49.24 2.99 -4.69	47.02 3.13 -2.78	46.39 3.22 -1.30	45.25 3.23 -1.10	43.93 3.17 -0.70	45.46 3.31 -0.77	46.14 3.25 -1.79	51.15 3.46 -4.37	61.14 4.16 -7.43	69.99 4.68 -10.21	65.30 4.62 -5.63	58.18 3.94 -5.00	55.65 3.83 -2.78	50.84 3.44 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD___1 23533	37.16 2.24 -0.01	36.46 2.13 -0.01	33.49 1.96 -0.01	31.76 1.91 -0.01	34.51 2.08 -0.01	37.90 2.28 0.00	41.80 2.71 -0.94	49.74 3.00 -5.14	49.37 3.12 -4.69	47.15 3.25 -2.78	46.52 3.35 -1.30	45.38 3.36 -1.10	44.13 3.37 -0.70	45.58 3.43 -0.77	46.30 3.41 -1.79	51.24 3.55 -4.37	61.29 4.31 -7.43	70.08 4.96 -10.02	65.29 4.68 -5.57	58.06 4.04 -4.78	55.55 3.83 -2.68	50.81 3.48 -1.49	46.47 3.20 0.00	43.79 2.75 0.00
RAVENSWOOD___2 23534	37.16 2.24 -0.01	36.46 2.13 -0.01	33.49 1.96 -0.01	31.76 1.91 -0.01	34.48 2.04 -0.01	37.90 2.28 0.00	41.80 2.71 -0.94	49.74 3.00 -5.14	49.37 3.12 -4.69	47.15 3.25 -2.78	46.52 3.35 -1.30	45.33 3.31 -1.10	44.09 3.32 -0.70	45.58 3.43 -0.77	46.30 3.41 -1.79	51.24 3.55 -4.37	61.24 4.26 -7.43	70.08 4.96 -10.02	65.29 4.68 -5.57	58.06 4.04 -4.78	55.50 3.78 -2.68	50.81 3.48 -1.49	46.47 3.20 0.00	43.79 2.75 0.00
RAVENSWOOD___3 23535	36.97 2.06 0.00	36.28 1.96 0.00	33.32 1.80 0.00	31.60 1.76 0.00	34.34 1.91 0.00	37.72 2.10 0.00	41.65 2.56 -0.94	49.70 2.95 -5.14	49.28 3.03 -4.69	47.02 3.12 -2.78	46.43 3.27 -1.30	45.25 3.23 -1.10	43.97 3.21 -0.70	45.46 3.31 -0.77	46.22 3.33 -1.79	51.15 3.47 -4.37	61.14 4.16 -7.43	69.96 4.85 -10.02	65.23 4.62 -5.57	58.01 3.99 -4.78	55.50 3.78 -2.68	50.77 3.44 -1.49	46.39 3.12 0.00	43.67 2.63 0.00
RAVENSWOOD___4 23820	34.61 2.24 2.54	33.78 2.09 2.64	30.54 1.96 2.94	30.28 1.91 1.48	31.57 2.04 2.90	35.43 2.25 2.44	39.77 2.67 1.06	48.38 3.00 -3.77	47.90 3.08 -3.26	45.39 3.21 -1.06	44.73 3.35 0.48	43.38 3.31 0.85	41.97 3.32 1.43	43.67 3.43 1.15	44.49 3.41 0.02	50.07 3.55 -3.21	61.23 4.26 -7.42	65.26 4.96 -5.21	50.99 4.68 8.73	43.76 4.04 9.52	49.21 3.78 3.61	49.64 3.48 -0.31	44.69 3.20 1.79	41.90 2.75 1.89
RCPL_TRUST___DRP 24196	36.97 2.06 0.00	36.25 1.92 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.43 3.27 -1.30	45.29 3.27 -1.10	43.97 3.21 -0.70	45.50 3.35 -0.77	46.18 3.29 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.09 4.79 -10.20	65.35 4.68 -5.63	58.23 3.99 -5.00	55.70 3.87 -2.78	50.88 3.48 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
RED___ROCHESTER 323720	32.37 -2.55 0.00	32.13 -2.20 0.00	29.42 -2.11 0.00	27.81 -2.03 0.00	30.22 -2.21 0.00	33.34 -2.28 0.00	35.83 -2.33 0.00	38.45 -3.16 0.00	38.61 -2.95 0.00	38.06 -3.04 0.02	38.81 -3.05 0.00	37.81 -3.11 0.00	36.90 -3.17 0.00	38.27 -3.10 0.00	37.94 -3.16 0.00	40.11 -3.20 0.00	46.02 -3.52 0.01	51.13 -3.97 0.00	50.80 -4.24 0.00	45.32 -3.79 0.13	45.42 -3.63 0.00	42.45 -3.39 0.00	40.20 -3.07 0.00	38.54 -2.51 0.00
REGAN___SOLAR 323812	37.39 2.48 0.00	36.76 2.44 0.00	33.73 2.21 0.00	31.93 2.09 0.00	34.76 2.34 0.00	38.26 2.64 0.00	50.87 3.17 -9.55	97.31 3.41 -52.29	92.68 3.41 -47.71	56.00 3.12 -11.75	50.46 3.10 -5.49	48.38 2.82 -4.64	45.70 2.68 -2.95	47.54 2.90 -3.27	51.59 2.92 -7.56	65.23 3.42 -18.50	85.39 4.41 -31.44	126.16 5.18 -65.88	91.05 5.06 -30.95	102.47 4.53 -48.70	78.18 4.36 -24.77	64.97 3.99 -15.14	46.86 3.59 0.00	44.21 3.16 0.00
RENSSELAER___COGEN 23796	36.52 1.61 0.00	35.90 1.58 0.00	32.95 1.42 0.00	31.22 1.37 0.00	33.92 1.49 0.00	37.15 1.53 0.00	45.05 1.72 -5.17	71.77 1.83 -28.33	69.23 1.83 -25.84	50.51 1.89 -7.50	47.34 1.97 -3.50	45.85 1.96 -2.96	43.91 1.96 -1.88	45.49 2.03 -2.09	47.90 1.97 -4.83	57.23 2.12 -11.80	71.98 2.38 -20.05	95.76 2.70 -37.97	76.13 2.70 -18.39	77.99 2.36 -26.39	64.97 2.35 -13.58	56.29 2.25 -8.20	45.44 2.16 0.00	42.93 1.89 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.02 3.11 0.00	37.34 3.02 0.00	34.24 2.71 0.00	32.41 2.57 0.00	35.31 2.89 0.00	38.86 3.24 0.00	51.61 3.85 -9.60	98.22 4.20 -52.41	93.96 4.45 -47.95	57.40 4.36 -11.92	51.96 4.52 -5.57	50.09 4.46 -4.71	47.23 4.17 -2.99	49.12 4.43 -3.32	53.18 4.40 -7.67	66.02 3.94 -18.77	86.14 4.71 -31.89	127.03 5.51 -66.43	91.59 5.28 -31.27	102.85 4.68 -48.93	78.36 4.41 -24.90	65.14 4.08 -15.21	46.91 3.63 0.00	44.98 3.94 0.00
REVERE_CPFR_DRP 24186	35.65 0.73 0.00	35.08 0.76 0.00	32.25 0.73 0.00	30.50 0.66 0.00	33.11 0.68 0.00	36.55 0.93 0.00	39.42 1.26 0.00	43.07 1.46 0.00	43.02 1.45 0.00	42.35 1.23 0.00	43.16 1.30 0.00	42.07 1.15 0.00	41.11 1.04 0.00	42.58 1.20 0.00	42.34 1.23 0.00	44.83 1.52 0.00	51.43 1.88 0.00	57.25 2.15 0.00	56.91 1.87 0.00	50.97 1.72 0.00	50.71 1.67 0.00	47.31 1.47 0.00	44.57 1.30 0.00	42.19 1.15 0.00
REYNOLDS_115KV_TB3 80639	36.59 1.68 0.00	35.97 1.65 0.00	33.01 1.48 0.00	31.28 1.43 0.00	33.98 1.56 0.00	37.19 1.57 0.00	45.65 1.76 -5.74	74.80 1.83 -31.36	72.09 1.83 -28.70	51.12 1.93 -8.07	47.64 2.01 -3.77	46.11 2.01 -3.18	44.09 2.00 -2.02	45.69 2.07 -2.24	48.31 2.01 -5.19	58.17 2.17 -12.70	73.50 2.38 -21.58	99.38 2.70 -41.58	77.71 2.64 -20.03	80.85 2.36 -29.24	66.46 2.40 -15.01	57.18 2.25 -9.09	45.48 2.21 0.00	42.97 1.93 0.00
RIVERBAY____ 323610	37.44 2.51 -0.01	36.73 2.40 -0.01	33.68 2.14 -0.01	31.94 2.09 -0.01	34.67 2.24 -0.01	38.12 2.49 0.00	41.96 2.82 -0.98	49.84 3.12 -5.11	49.45 3.20 -4.69	47.23 3.33 -2.78	46.56 3.39 -1.30	45.42 3.40 -1.10	44.13 3.37 -0.70	45.63 3.48 -0.77	46.30 3.41 -1.79	51.28 3.59 -4.37	61.29 4.31 -7.43	70.15 4.85 -10.21	65.46 4.79 -5.63	58.33 4.09 -5.00	55.80 3.97 -2.78	50.98 3.58 -1.55	46.69 3.42 0.00	44.08 3.04 0.00
RIVERSDE_115KV_TB3 55908	36.62 1.71 0.00	35.97 1.65 0.00	33.04 1.51 0.00	31.28 1.43 0.00	33.98 1.56 0.00	37.23 1.60 0.00	45.76 1.79 -5.81	75.30 1.91 -31.78	72.56 1.91 -29.08	51.24 1.97 -8.15	47.77 2.09 -3.80	46.22 2.09 -3.21	44.15 2.04 -2.04	45.75 2.11 -2.27	48.40 2.06 -5.24	58.34 2.21 -12.82	73.81 2.48 -21.79	100.00 2.81 -42.09	78.05 2.75 -20.26	81.35 2.46 -29.64	66.71 2.45 -15.21	57.40 2.34 -9.21	45.52 2.25 0.00	43.01 1.97 0.00
ROARING___BROOK_WT_PWR 323790	34.22 -0.70 0.00	33.60 -0.72 0.00	30.87 -0.66 0.00	29.22 -0.63 0.00	31.74 -0.68 0.00	34.87 -0.75 0.00	37.32 -0.84 0.00	40.78 -0.83 0.00	40.69 -0.87 0.00	40.25 -0.87 0.00	40.99 -0.88 0.00	40.06 -0.86 0.00	39.23 -0.84 0.00	40.51 -0.87 0.00	40.24 -0.87 0.00	42.36 -0.95 0.00	48.46 -1.09 0.00	53.88 -1.21 0.00	53.88 -1.16 0.00	48.21 -1.04 0.00	48.06 -0.98 0.00	44.93 -0.92 0.00	42.49 -0.78 0.00	40.35 -0.70 0.00

ROCHESRG_115KV_T4 355643	32.12 -2.79 0.00	31.85 -2.47 0.00	29.16 -2.36 0.00	27.58 -2.27 0.00	29.96 -2.46 0.00	33.06 -2.56 0.00	35.45 -2.71 0.00	38.03 -3.58 0.00	38.20 -3.37 0.00	37.60 -3.50 0.02	38.30 -3.56 0.00	37.36 -3.56 0.00	36.42 -3.65 0.00	37.78 -3.60 0.00	37.45 -3.66 0.00	39.54 -3.77 0.00	45.43 -4.11 0.01	50.41 -4.68 0.00	50.09 -4.95 0.00	44.73 -4.38 0.13	44.73 -4.32 0.00	41.95 -3.90 0.00	39.72 -3.55 0.00	38.09 -2.96 0.00
ROCHESTER_9_IC 23652	32.26 -2.65 0.00	32.02 -2.30 0.00	29.32 -2.21 0.00	27.70 -2.15 0.00	30.12 -2.30 0.00	33.20 -2.42 0.00	35.64 -2.52 0.00	38.28 -3.33 0.00	38.45 -3.12 0.00	37.85 -3.25 0.02	38.60 -3.27 0.00	37.61 -3.31 0.00	36.66 -3.41 0.00	38.07 -3.31 0.00	37.69 -3.41 0.00	39.84 -3.46 0.00	45.77 -3.77 0.01	50.74 -4.35 0.00	50.47 -4.57 0.00	45.02 -4.09 0.13	45.02 -4.02 0.00	42.22 -3.62 0.00	39.94 -3.33 0.00	38.34 -2.71 0.00
ROCKVIEW_13_KV_LD 356306	37.01 2.09 0.00	36.31 1.99 0.00	33.36 1.83 0.00	31.63 1.79 0.00	34.34 1.91 0.00	37.80 2.17 0.00	41.81 2.67 -0.98	49.80 3.08 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.47 3.31 -1.30	45.29 3.27 -1.10	43.97 3.21 -0.70	45.54 3.39 -0.77	46.22 3.33 -1.79	51.23 3.55 -4.37	61.19 4.21 -7.43	70.10 4.79 -10.21	65.41 4.73 -5.63	58.33 4.09 -5.00	55.80 3.97 -2.78	50.97 3.58 -1.55	46.52 3.25 0.00	43.75 2.71 0.00
ROME____115KV_TB2 80656	35.65 0.73 0.00	35.08 0.76 0.00	32.25 0.73 0.00	30.50 0.66 0.00	33.11 0.68 0.00	36.55 0.93 0.00	39.42 1.26 0.00	43.07 1.46 0.00	43.02 1.45 0.00	42.35 1.23 0.00	43.16 1.30 0.00	42.07 1.15 0.00	41.11 1.04 0.00	42.58 1.20 0.00	42.34 1.23 0.00	44.83 1.52 0.00	51.43 1.88 0.00	57.25 2.15 0.00	56.91 1.87 0.00	50.97 1.72 0.00	50.71 1.67 0.00	47.31 1.47 0.00	44.57 1.30 0.00	42.19 1.15 0.00
ROSETON___1 23587	36.24 1.33 0.00	35.56 1.23 0.00	32.66 1.13 0.00	30.95 1.10 0.00	33.63 1.20 0.00	37.01 1.39 0.00	40.76 1.79 -0.81	48.10 2.04 -4.45	47.70 2.08 -4.06	45.65 2.14 -2.39	45.20 2.22 -1.12	44.03 2.17 -0.94	42.83 2.16 -0.60	44.28 2.23 -0.66	44.90 2.26 -1.54	49.45 2.38 -3.76	58.81 2.87 -6.39	67.07 3.36 -8.61	63.07 3.25 -4.78	56.18 2.81 -4.13	54.00 2.65 -2.31	49.51 2.38 -1.28	45.44 2.16 0.00	42.85 1.80 0.00
ROSETON___2 23588	36.24 1.33 0.00	35.56 1.23 0.00	32.66 1.13 0.00	30.95 1.10 0.00	33.63 1.20 0.00	37.01 1.39 0.00	40.76 1.79 -0.81	48.10 2.04 -4.45	47.70 2.08 -4.06	45.65 2.14 -2.39	45.20 2.22 -1.12	44.03 2.17 -0.94	42.83 2.16 -0.60	44.28 2.23 -0.66	44.90 2.26 -1.54	49.45 2.38 -3.76	58.81 2.87 -6.39	67.07 3.36 -8.61	63.07 3.25 -4.78	56.18 2.81 -4.13	54.00 2.65 -2.31	49.51 2.38 -1.28	45.44 2.16 0.00	42.85 1.80 0.00
ROTTRDAM_115KV_TB3 80664	36.10 1.19 0.00	35.49 1.17 0.00	32.57 1.04 0.00	30.83 0.98 0.00	33.53 1.10 0.00	36.80 1.18 0.00	50.00 1.37 -10.47	100.23 1.46 -57.16	95.32 1.45 -52.30	55.35 1.44 -12.79	49.35 1.51 -5.98	47.45 1.47 -5.05	44.72 1.44 -3.21	46.43 1.49 -3.56	50.82 1.48 -8.24	65.01 1.56 -20.14	85.60 1.83 -34.22	129.28 2.15 -72.03	90.93 2.09 -33.80	104.44 1.82 -53.37	77.99 1.81 -27.13	64.13 1.70 -16.59	44.83 1.56 0.00	42.48 1.44 0.00
RUSSELL___1 23602	32.40 -2.51 0.00	32.13 -2.20 0.00	29.42 -2.11 0.00	27.81 -2.03 0.00	30.22 -2.20 0.00	33.34 -2.28 0.00	35.83 -2.33 0.00	38.45 -3.16 0.00	38.65 -2.91 0.00	38.06 -3.04 0.02	38.81 -3.06 0.00	37.85 -3.07 0.00	36.86 -3.21 0.00	38.28 -3.10 0.00	37.90 -3.21 0.00	40.06 -3.25 0.00	46.07 -3.47 0.01	51.07 -4.02 0.00	50.80 -4.24 0.00	45.32 -3.79 0.13	45.32 -3.73 0.00	42.45 -3.39 0.00	40.16 -3.12 0.00	38.50 -2.54 0.00
RUSSELL___2 23532	32.40 -2.51 0.00	32.13 -2.20 0.00	29.42 -2.11 0.00	27.81 -2.03 0.00	30.22 -2.20 0.00	33.34 -2.28 0.00	35.83 -2.33 0.00	38.45 -3.16 0.00	38.65 -2.91 0.00	38.06 -3.04 0.02	38.81 -3.06 0.00	37.85 -3.07 0.00	36.86 -3.21 0.00	38.28 -3.10 0.00	37.90 -3.21 0.00	40.06 -3.25 0.00	46.07 -3.47 0.01	51.07 -4.02 0.00	50.80 -4.24 0.00	45.32 -3.79 0.13	45.32 -3.73 0.00	42.45 -3.39 0.00	40.16 -3.12 0.00	38.50 -2.54 0.00
RUSSELL___3 23549	32.40 -2.51 0.00	32.13 -2.20 0.00	29.42 -2.11 0.00	27.81 -2.03 0.00	30.22 -2.20 0.00	33.34 -2.28 0.00	35.83 -2.33 0.00	38.45 -3.16 0.00	38.65 -2.91 0.00	38.06 -3.04 0.02	38.81 -3.06 0.00	37.85 -3.07 0.00	36.86 -3.21 0.00	38.28 -3.10 0.00	37.90 -3.21 0.00	40.06 -3.25 0.00	46.07 -3.47 0.01	51.07 -4.02 0.00	50.80 -4.24 0.00	45.32 -3.79 0.13	45.32 -3.73 0.00	42.45 -3.39 0.00	40.16 -3.12 0.00	38.50 -2.54 0.00
RUSSELL___4 23556	32.40 -2.51 0.00	32.13 -2.20 0.00	29.42 -2.11 0.00	27.81 -2.03 0.00	30.22 -2.20 0.00	33.34 -2.28 0.00	35.83 -2.33 0.00	38.45 -3.16 0.00	38.65 -2.91 0.00	38.06 -3.04 0.02	38.81 -3.06 0.00	37.85 -3.07 0.00	36.86 -3.21 0.00	38.28 -3.10 0.00	37.90 -3.21 0.00	40.06 -3.25 0.00	46.07 -3.47 0.01	51.07 -4.02 0.00	50.80 -4.24 0.00	45.32 -3.79 0.13	45.32 -3.73 0.00	42.45 -3.39 0.00	40.16 -3.12 0.00	38.50 -2.54 0.00
RUSSELL___STATION 23914	32.40 -2.51 0.00	32.13 -2.20 0.00	29.42 -2.11 0.00	27.81 -2.03 0.00	30.22 -2.20 0.00	33.34 -2.28 0.00	35.83 -2.33 0.00	38.45 -3.16 0.00	38.65 -2.91 0.00	38.06 -3.04 0.02	38.81 -3.06 0.00	37.85 -3.07 0.00	36.86 -3.21 0.00	38.28 -3.10 0.00	37.90 -3.21 0.00	40.06 -3.25 0.00	46.07 -3.47 0.01	51.07 -4.02 0.00	50.80 -4.24 0.00	45.32 -3.79 0.13	45.32 -3.73 0.00	42.45 -3.39 0.00	40.16 -3.12 0.00	38.50 -2.54 0.00
S SALMON___HYD 24043	34.01 -0.91 0.00	33.47 -0.86 0.00	30.77 -0.76 0.00	29.10 -0.74 0.00	31.62 -0.81 0.00	34.77 -0.86 0.00	37.24 -0.92 0.00	40.69 -0.92 0.00	40.61 -0.95 0.00	40.13 -0.99 0.00	40.91 -0.96 0.00	39.90 -1.02 0.00	39.03 -1.04 0.00	40.39 -0.99 0.00	40.20 -0.90 0.00	42.32 -0.99 0.00	48.50 -1.04 0.00	54.00 -1.10 0.00	53.83 -1.21 0.00	48.21 -1.04 0.00	47.96 -1.08 0.00	44.79 -1.05 0.00	42.28 -0.99 0.00	40.02 -1.02 0.00
S.PERRY__115KV_TB1 80734	32.85 -2.06 0.00	32.64 -1.68 0.00	29.86 -1.67 0.00	28.17 -1.67 0.00	30.64 -1.78 0.00	33.91 -1.71 0.00	36.59 -1.56 0.00	39.36 -2.25 0.00	40.52 -1.04 0.00	40.36 -1.27 -0.52	47.70 -2.30 -8.14	39.92 -2.41 -1.42	38.28 -2.60 -0.82	39.95 -2.44 -1.01	40.82 -2.47 -2.18	46.44 -2.25 -5.38	67.21 -2.03 -19.69	59.91 -2.31 -7.12	57.61 -2.53 -5.10	48.73 -2.27 -1.75	46.71 -2.40 -0.07	43.64 -2.20 0.00	41.15 -2.12 0.00	39.44 -1.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.55 -4.36 0.00	30.51 -3.81 0.00	27.87 -3.66 0.00	26.29 -3.55 0.00	28.60 -3.83 0.00	31.60 -4.03 0.00	33.81 -4.35 0.00	35.99 -5.62 0.00	36.04 -5.53 0.00	35.69 -5.88 -0.45	34.63 -5.36 1.88	35.33 -5.44 0.15	34.50 -5.49 0.08	35.76 -5.50 0.11	35.30 -5.59 0.22	37.00 -5.80 0.51	39.46 -6.49 3.59	47.05 -7.38 0.66	46.84 -7.71 0.50	41.94 -6.75 0.56	42.05 -7.06 -0.07	39.61 -6.23 0.00	37.69 -5.58 0.00	36.57 -4.47 0.00

SAWYER___23_KV_LOAD 55526	30.55 -4.36 0.00	30.51 -3.81 0.00	27.87 -3.66 0.00	26.29 -3.55 0.00	28.60 -3.83 0.00	31.60 -4.03 0.00	33.81 -4.35 0.00	35.99 -5.62 0.00	36.04 -5.53 0.00	35.69 -5.88 -0.45	34.63 -5.36 1.88	35.33 -5.44 0.15	34.50 -5.49 0.08	35.76 -5.50 0.11	35.30 -5.59 0.22	37.00 -5.80 0.51	39.46 -6.49 3.59	47.05 -7.38 0.66	46.84 -7.71 0.50	41.94 -6.75 0.56	42.05 -7.06 -0.07	39.61 -6.23 0.00	37.69 -5.58 0.00	36.57 -4.47 0.00
SELKIRK___I 23801	36.41 1.50 0.00	35.80 1.47 0.00	32.88 1.35 0.00	31.13 1.28 0.00	33.82 1.39 0.00	37.05 1.43 0.00	43.52 1.53 -3.84	64.22 1.58 -21.03	62.33 1.58 -19.19	48.86 1.60 -6.14	46.37 1.63 -2.87	44.98 1.64 -2.42	43.21 1.60 -1.54	44.74 1.66 -1.71	46.74 1.69 -3.95	54.80 1.82 -9.67	68.05 2.08 -16.43	86.81 2.37 -29.35	71.89 2.37 -14.48	70.93 2.12 -19.57	61.30 2.11 -10.15	53.94 2.01 -6.08	45.26 1.99 0.00	42.81 1.76 0.00
SELKIRK___II 23799	36.31 1.40 0.00	35.70 1.37 0.00	32.76 1.23 0.00	31.04 1.20 0.00	33.72 1.30 0.00	36.98 1.35 0.00	43.76 1.49 -4.11	65.71 1.58 -22.52	63.69 1.58 -20.55	49.21 1.65 -6.44	46.59 1.72 -3.01	45.18 1.72 -2.54	43.37 1.68 -1.61	44.91 1.74 -1.79	46.98 1.73 -4.15	55.31 1.86 -10.14	68.86 2.08 -17.23	88.62 2.37 -31.16	72.72 2.37 -15.31	72.28 2.07 -20.97	61.96 2.06 -10.86	54.34 1.97 -6.52	45.17 1.90 0.00	42.69 1.64 0.00
SENECA OSWGO___HYD 24041	33.83 -1.08 0.00	33.33 -1.00 0.00	30.61 -0.92 0.00	28.95 -0.89 0.00	31.45 -0.97 0.00	34.59 -1.03 0.00	37.01 -1.14 0.00	40.40 -1.21 0.00	40.36 -1.21 0.00	39.89 -1.23 0.00	40.57 -1.30 0.00	39.65 -1.27 0.00	38.79 -1.28 0.00	40.14 -1.24 0.00	39.91 -1.19 0.00	42.10 -1.21 0.00	48.21 -1.34 0.00	53.61 -1.49 0.00	53.50 -1.54 0.00	47.86 -1.38 0.00	47.62 -1.42 0.00	44.51 -1.33 0.00	41.93 -1.34 0.00	39.77 -1.27 0.00
SENECA___115KV_TB3 355854	30.97 -3.95 0.00	30.89 -3.43 0.00	28.22 -3.31 0.00	26.62 -3.22 0.00	28.96 -3.47 0.00	32.03 -3.60 0.00	34.30 -3.85 0.00	36.62 -4.99 0.00	36.53 -5.03 0.00	36.17 -5.43 -0.48	35.30 -4.56 2.01	36.10 -4.67 0.16	35.30 -4.69 0.08	36.59 -4.68 0.12	36.11 -4.77 0.22	37.84 -4.94 0.54	40.24 -5.45 3.85	48.10 -6.28 0.72	47.96 -6.55 0.53	42.96 -5.71 0.57	42.84 -6.28 -0.07	40.34 -5.50 0.00	38.34 -4.93 0.00	37.15 -3.90 0.00
SENECA___ENERGY 23797	33.52 -1.40 0.00	33.09 -1.23 0.00	30.36 -1.17 0.00	28.68 -1.16 0.00	31.19 -1.23 0.00	34.45 -1.17 0.00	36.97 -1.18 0.00	40.15 -1.46 0.00	40.40 -1.16 0.00	39.89 -1.28 -0.05	40.94 -1.47 -0.54	39.49 -1.51 -0.08	38.51 -1.60 -0.05	39.91 -1.53 -0.06	39.75 -1.48 -0.13	42.15 -1.47 -0.31	49.16 -1.63 -1.24	54.51 -1.77 -1.18	54.07 -1.82 -0.84	48.17 -1.53 -0.46	47.43 -1.67 -0.05	44.20 -1.65 0.00	41.67 -1.60 0.00	39.65 -1.40 0.00
SHOEMAKER___GT 23640	36.17 1.26 0.00	35.49 1.17 0.00	32.60 1.07 0.00	30.89 1.04 0.00	33.56 1.13 0.00	36.94 1.32 0.00	40.69 1.72 -0.82	48.05 1.96 -4.48	47.61 1.95 -4.09	45.50 1.97 -2.41	45.04 2.05 -1.12	43.88 2.00 -0.95	42.67 2.00 -0.60	44.12 2.07 -0.67	44.75 2.10 -1.55	49.31 2.21 -3.79	58.71 2.72 -6.44	66.91 3.14 -8.67	62.93 3.08 -4.81	56.06 2.66 -4.16	53.87 2.50 -2.33	49.43 2.29 -1.29	45.35 2.08 0.00	42.77 1.72 0.00
SHOEMAKR_138KV_BK 111 55601	36.17 1.26 0.00	35.49 1.17 0.00	32.60 1.07 0.00	30.89 1.04 0.00	33.56 1.13 0.00	36.94 1.32 0.00	40.72 1.72 -0.84	47.94 1.91 -4.41	47.53 1.91 -4.05	45.48 1.97 -2.39	45.03 2.05 -1.11	43.91 2.05 -0.94	42.67 2.00 -0.60	44.11 2.07 -0.66	44.70 2.06 -1.54	49.28 2.21 -3.76	58.65 2.73 -6.38	66.92 3.09 -8.74	62.94 3.08 -4.82	56.19 2.66 -4.29	53.98 2.55 -2.39	49.43 2.25 -1.33	45.35 2.08 0.00	42.77 1.72 0.00
SHOREHAM_IC_1 23715	37.85 2.93 0.00	36.73 2.40 0.00	33.83 2.30 0.00	32.32 2.48 0.00	34.73 2.30 0.00	37.97 2.35 0.00	42.69 3.59 -0.95	50.79 3.95 -5.23	50.13 3.87 -4.70	47.44 3.54 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.26 4.49 -0.71	47.68 4.38 -1.92	47.01 4.11 -1.80	55.97 4.29 -8.37	70.55 5.35 -15.65	73.83 6.22 -12.51	72.43 6.05 -11.33	66.45 5.17 -12.04	62.59 4.71 -8.84	60.38 4.68 -9.85	47.57 4.28 -0.01	44.57 3.53 0.00
SHOREHAM_IC_2 23716	37.85 2.93 0.00	36.73 2.40 0.00	33.83 2.30 0.00	32.32 2.48 0.00	34.73 2.30 0.00	37.97 2.35 0.00	42.69 3.59 -0.95	50.79 3.95 -5.23	50.13 3.87 -4.70	47.44 3.54 -2.78	47.40 4.23 -1.31	46.16 4.13 -1.11	45.26 4.49 -0.71	47.68 4.38 -1.92	47.01 4.11 -1.80	55.97 4.29 -8.37	70.55 5.35 -15.65	73.83 6.22 -12.51	72.43 6.05 -11.33	66.45 5.17 -12.04	62.59 4.71 -8.84	60.38 4.68 -9.85	47.57 4.28 -0.01	44.57 3.53 0.00
SISSONVILLE___ 23735	34.60 -0.31 0.00	33.91 -0.41 0.00	31.15 -0.38 0.00	29.46 -0.39 0.00	32.00 -0.42 0.00	35.09 -0.53 0.00	37.28 -0.88 0.00	40.94 -0.67 0.00	40.73 -0.83 0.00	40.34 -0.78 0.00	40.95 -0.92 0.00	40.02 -0.90 0.00	39.19 -0.88 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	41.88 -1.43 0.00	47.76 -1.78 0.00	53.11 -1.98 0.00	53.28 -1.76 0.00	47.77 -1.48 0.00	47.72 -1.32 0.00	44.52 -1.33 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
SITHE_IND_GS1 24169	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.56 -1.60 0.00	39.78 -1.83 0.00	39.78 -1.79 0.00	39.31 -1.81 0.00	40.03 -1.84 0.00	39.08 -1.84 0.00	38.23 -1.84 0.00	39.52 -1.86 0.00	39.30 -1.81 0.00	41.41 -1.90 0.00	47.42 -2.13 0.00	52.73 -2.37 0.00	52.68 -2.37 0.00	47.08 -2.17 0.00	46.89 -2.16 0.00	43.83 -2.02 0.00	41.37 -1.90 0.00	39.24 -1.81 0.00
SITHE_IND_GS2 24170	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.56 -1.60 0.00	39.78 -1.83 0.00	39.78 -1.79 0.00	39.31 -1.81 0.00	40.03 -1.84 0.00	39.08 -1.84 0.00	38.23 -1.84 0.00	39.52 -1.86 0.00	39.30 -1.81 0.00	41.41 -1.90 0.00	47.42 -2.13 0.00	52.73 -2.37 0.00	52.68 -2.37 0.00	47.08 -2.17 0.00	46.89 -2.16 0.00	43.83 -2.02 0.00	41.37 -1.90 0.00	39.24 -1.81 0.00
SITHE_IND_GS3 24171	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.56 -1.60 0.00	39.78 -1.83 0.00	39.78 -1.79 0.00	39.31 -1.81 0.00	40.03 -1.84 0.00	39.08 -1.84 0.00	38.23 -1.84 0.00	39.52 -1.86 0.00	39.30 -1.81 0.00	41.41 -1.90 0.00	47.42 -2.13 0.00	52.73 -2.37 0.00	52.68 -2.37 0.00	47.08 -2.17 0.00	46.89 -2.16 0.00	43.83 -2.02 0.00	41.37 -1.90 0.00	39.24 -1.81 0.00
SITHE_IND_GS4 24172	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.56 -1.60 0.00	39.78 -1.83 0.00	39.78 -1.79 0.00	39.31 -1.81 0.00	40.03 -1.84 0.00	39.08 -1.84 0.00	38.23 -1.84 0.00	39.52 -1.86 0.00	39.30 -1.81 0.00	41.41 -1.90 0.00	47.42 -2.13 0.00	52.73 -2.37 0.00	52.68 -2.37 0.00	47.08 -2.17 0.00	46.89 -2.16 0.00	43.83 -2.02 0.00	41.37 -1.90 0.00	39.24 -1.81 0.00

SITHE___BATAVIA 24024	31.53 -3.39 0.00	31.47 -2.85 0.00	28.75 -2.77 0.00	27.13 -2.72 0.00	29.51 -2.92 0.00	32.63 -2.99 0.00	35.41 -2.75 0.00	37.74 -3.87 0.00	37.86 -3.70 0.00	37.60 -3.91 -0.38	37.34 -3.56 0.97	37.14 -3.76 0.02	36.18 -3.89 0.00	37.60 -3.77 0.02	37.27 -3.82 0.02	39.46 -3.81 0.04	43.88 -4.06 1.60	50.31 -4.74 0.05	49.39 -5.61 0.04	43.91 -4.97 0.36	44.15 -4.95 -0.06	41.26 -4.58 0.00	39.16 -4.11 0.00	37.84 -3.20 0.00
SITHE___INDEPEND 23800	33.52 -1.40 0.00	33.02 -1.30 0.00	30.33 -1.20 0.00	28.71 -1.13 0.00	31.19 -1.23 0.00	34.27 -1.35 0.00	36.55 -1.60 0.00	39.78 -1.83 0.00	39.78 -1.79 0.00	39.31 -1.81 0.00	40.02 -1.84 0.00	39.08 -1.84 0.00	38.23 -1.84 0.00	39.56 -1.82 0.00	39.25 -1.85 0.00	41.40 -1.91 0.00	47.42 -2.13 0.00	52.78 -2.31 0.00	52.62 -2.42 0.00	47.08 -2.17 0.00	46.84 -2.21 0.00	43.83 -2.02 0.00	41.37 -1.90 0.00	39.24 -1.81 0.00
SITHE___MASSENA 23902	35.16 0.25 0.00	34.50 0.17 0.00	31.66 0.13 0.00	29.96 0.12 0.00	32.56 0.13 0.00	35.77 0.14 0.00	38.08 -0.08 0.00	41.69 0.08 0.00	41.52 -0.04 0.00	41.16 0.04 0.00	41.82 -0.04 0.00	40.92 0.00 0.00	40.07 0.00 0.00	41.30 -0.08 0.00	40.94 -0.16 0.00	42.96 -0.35 0.00	48.90 -0.65 0.00	54.33 -0.77 0.00	54.49 -0.55 0.00	48.80 -0.44 0.00	48.70 -0.34 0.00	45.53 -0.32 0.00	43.06 -0.22 0.00	41.21 0.16 0.00
SITHE___OGDNSBRG 24021	35.47 0.56 0.00	34.77 0.45 0.00	31.94 0.41 0.00	30.20 0.36 0.00	32.81 0.39 0.00	36.05 0.43 0.00	38.46 0.31 0.00	42.19 0.58 0.00	41.98 0.42 0.00	41.53 0.41 0.00	42.16 0.29 0.00	41.17 0.25 0.00	40.35 0.28 0.00	41.59 0.21 0.00	41.35 0.25 0.00	43.27 -0.04 0.00	49.35 -0.20 0.00	54.88 -0.22 0.00	55.04 0.00 0.00	49.34 0.10 0.00	49.29 0.25 0.00	45.98 0.14 0.00	43.45 0.17 0.00	41.58 0.53 0.00
SITHE___STERLING 23777	35.44 0.52 0.00	34.87 0.55 0.00	32.06 0.54 0.00	30.32 0.48 0.00	32.94 0.52 0.00	36.34 0.71 0.00	39.11 0.95 0.00	42.73 1.12 0.00	42.69 1.12 0.00	42.07 0.95 0.00	42.83 0.96 0.00	41.78 0.86 0.00	40.87 0.80 0.00	42.29 0.91 0.00	42.05 0.95 0.00	44.43 1.12 0.00	50.93 1.39 0.00	56.70 1.60 0.00	56.47 1.43 0.00	50.52 1.28 0.00	50.27 1.23 0.00	46.90 1.06 0.00	44.18 0.91 0.00	41.87 0.82 0.00
SLEIGHT__34_KV_TB1 80719	32.92 -1.99 0.00	32.54 -1.78 0.00	29.86 -1.67 0.00	28.20 -1.64 0.00	30.64 -1.78 0.00	33.84 -1.79 0.00	36.36 -1.79 0.00	39.28 -2.33 0.00	39.40 -2.16 0.00	38.84 -2.26 0.02	39.56 -2.30 0.00	38.63 -2.29 0.00	37.66 -2.40 0.00	39.06 -2.32 0.00	38.72 -2.38 0.00	40.93 -2.38 0.00	47.01 -2.53 0.01	52.23 -2.87 0.00	51.96 -3.08 0.00	46.34 -2.76 0.14	46.30 -2.75 0.00	43.32 -2.52 0.00	40.89 -2.38 0.00	39.03 -2.01 0.00
SOUTH CAIRO___GT 23612	37.67 2.76 0.00	37.03 2.71 0.00	33.96 2.43 0.00	32.11 2.27 0.00	35.02 2.59 0.00	38.44 2.81 0.00	44.80 2.98 -3.67	64.82 3.16 -20.05	63.03 3.12 -18.35	49.95 2.96 -5.87	47.54 2.93 -2.74	46.11 2.86 -2.32	44.31 2.76 -1.47	45.87 2.86 -1.63	47.80 2.92 -3.78	55.89 3.33 -9.25	69.42 4.16 -15.71	87.85 4.68 -28.07	73.81 4.90 -13.87	72.12 4.19 -18.69	62.81 4.07 -9.70	55.32 3.67 -5.81	47.08 3.81 0.00	44.49 3.45 0.00
SOUTH HAMPTN___IC 23720	37.95 3.04 0.00	36.83 2.50 0.00	33.89 2.37 0.00	32.41 2.57 0.00	34.82 2.40 0.00	38.12 2.49 0.00	42.88 3.78 -0.95	51.04 4.20 -5.23	50.38 4.12 -4.70	47.64 3.74 -2.78	47.49 4.31 -1.31	46.24 4.22 -1.11	45.30 4.53 -0.71	47.81 4.51 -1.92	47.18 4.27 -1.80	56.14 4.46 -8.37	70.83 5.65 -15.63	74.10 6.50 -12.51	72.64 6.27 -11.33	66.64 5.37 -12.03	62.73 4.86 -8.83	60.45 4.77 -9.84	47.65 4.37 -0.01	44.74 3.70 0.00
SOUTHDOW_115KV_TB1 355954	31.18 -3.74 0.00	31.13 -3.19 0.00	28.41 -3.12 0.00	26.74 -3.10 0.00	29.18 -3.24 0.00	32.42 -3.21 0.00	34.80 -3.36 0.00	37.49 -4.12 0.00	37.49 -4.07 0.00	37.16 -4.48 -0.52	37.42 -3.47 0.97	37.29 -3.64 -0.01	36.40 -3.69 -0.02	37.66 -3.72 -0.01	37.37 -3.78 -0.04	39.58 -3.85 -0.12	44.00 -4.16 1.39	50.51 -4.74 -0.15	50.18 -4.95 -0.10	44.79 -4.14 0.32	44.12 -5.00 -0.08	41.49 -4.36 0.00	39.38 -3.89 0.00	38.05 -3.00 0.00
SOUTHOLD_69_KV_BK 2 55809	37.92 3.00 0.00	36.79 2.47 0.00	33.86 2.33 0.00	32.26 2.42 0.00	34.73 2.30 0.00	38.08 2.46 0.00	43.00 3.85 -0.99	51.14 4.33 -5.20	50.42 4.16 -4.70	47.64 3.74 -2.78	47.36 4.19 -1.31	46.16 4.13 -1.11	45.14 4.37 -0.71	47.73 4.43 -1.92	46.89 3.99 -1.80	56.09 4.42 -8.37	70.88 5.70 -15.64	74.24 6.45 -12.70	72.71 6.27 -11.39	66.86 5.37 -12.25	62.84 4.86 -8.94	60.48 4.72 -9.91	47.52 4.24 -0.01	44.78 3.74 0.00
SOUTHOLD___IC 23719	37.92 3.00 0.00	36.80 2.47 0.00	33.86 2.33 0.00	32.38 2.54 0.00	34.76 2.34 0.00	38.08 2.46 0.00	42.96 3.85 -0.95	51.16 4.33 -5.23	50.42 4.16 -4.70	47.64 3.74 -2.78	47.36 4.19 -1.31	46.12 4.09 -1.11	45.18 4.41 -0.71	47.73 4.43 -1.92	47.14 4.23 -1.80	56.14 4.46 -8.37	70.93 5.74 -15.64	74.16 6.55 -12.51	72.70 6.33 -11.33	66.64 5.37 -12.03	62.73 4.86 -8.83	60.41 4.72 -9.84	47.52 4.24 -0.01	44.78 3.73 0.00
SOUTH_FORK_WT_PWR 323839	37.60 2.69 0.00	36.49 2.16 0.00	33.58 2.05 0.00	32.11 2.27 0.00	34.47 2.04 0.00	37.76 2.14 0.00	42.61 3.51 -0.95	50.75 3.91 -5.23	50.04 3.78 -4.70	47.27 3.37 -2.78	46.90 3.72 -1.31	45.67 3.64 -1.11	44.74 3.97 -0.71	47.23 3.93 -1.92	46.64 3.74 -1.80	55.62 3.94 -8.37	70.33 5.15 -15.63	73.44 5.84 -12.51	71.99 5.62 -11.33	66.05 4.78 -12.03	62.09 4.22 -8.83	59.86 4.17 -9.84	46.96 3.68 -0.01	44.41 3.37 0.00
SPIERFLS_115KV_TB 1 80737	37.01 2.09 0.00	36.35 2.03 0.00	33.36 1.83 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.76 2.14 0.00	50.36 2.52 -9.69	97.26 2.75 -52.90	92.79 2.83 -48.40	55.93 2.80 -12.01	50.37 2.89 -5.61	48.53 2.86 -4.74	45.81 2.72 -3.01	47.58 2.86 -3.34	51.67 2.84 -7.73	64.30 2.08 -18.91	84.10 2.43 -32.13	125.02 2.92 -67.00	89.38 2.81 -31.53	101.09 2.46 -49.39	76.53 2.35 -25.13	63.40 2.20 -15.35	45.22 1.95 0.00	43.63 2.59 0.00
ST LAWRENCE____ 23600	34.81 -0.10 0.00	34.15 -0.17 0.00	31.37 -0.16 0.00	29.67 -0.18 0.00	32.26 -0.16 0.00	35.45 -0.18 0.00	37.78 -0.38 0.00	41.32 -0.29 0.00	41.19 -0.37 0.00	40.79 -0.33 0.00	41.45 -0.42 0.00	40.55 -0.37 0.00	39.71 -0.36 0.00	40.96 -0.41 0.00	40.61 -0.49 0.00	42.70 -0.61 0.00	48.70 -0.84 0.00	54.11 -0.99 0.00	54.22 -0.82 0.00	48.55 -0.69 0.00	48.46 -0.59 0.00	45.30 -0.55 0.00	42.84 -0.43 0.00	40.84 -0.20 0.00
STATE_CA_115KV_115_LB 55624	36.66 1.75 0.00	36.01 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.30 1.67 0.00	46.50 1.87 -6.48	79.01 2.00 -35.40	75.99 2.04 -32.39	52.03 2.10 -8.81	48.20 2.22 -4.11	46.61 2.21 -3.48	44.44 2.16 -2.21	46.06 2.23 -2.45	48.95 2.18 -5.67	59.52 2.34 -13.87	75.73 2.63 -23.56	104.49 3.03 -46.36	80.20 2.97 -22.19	84.88 2.61 -33.02	68.55 2.60 -16.91	58.54 2.43 -10.27	45.61 2.34 0.00	43.10 2.05 0.00

STATE_ST_34_KV_LOAD 55959	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.28 -0.57 0.00	31.84 -0.58 0.00	35.12 -0.50 0.00	37.70 -0.46 0.00	40.99 -0.62 0.00	41.06 -0.50 0.00	40.56 -0.58 -0.02	41.24 -0.63 0.00	40.27 -0.65 0.00	39.31 -0.76 0.00	40.72 -0.66 0.00	40.45 -0.66 0.00	42.70 -0.61 0.00	49.00 -0.55 0.00	55.35 -0.50 -0.75	54.97 -0.61 -0.54	48.87 -0.49 -0.12	48.51 -0.59 -0.05	45.20 -0.64 0.00	42.58 -0.69 0.00	40.43 -0.62 0.00
STATION_5_MISC_HYD 23604	32.26 -2.65 0.00	32.02 -2.30 0.00	29.32 -2.21 0.00	27.69 -2.15 0.00	30.09 -2.33 0.00	33.20 -2.42 0.00	35.64 -2.52 0.00	38.28 -3.33 0.00	38.40 -3.16 0.00	37.81 -3.29 0.02	38.56 -3.31 0.00	37.61 -3.31 0.00	36.66 -3.41 0.00	38.03 -3.35 0.00	37.73 -3.37 0.00	39.84 -3.47 0.00	45.73 -3.81 0.01	50.80 -4.30 0.00	50.47 -4.57 0.00	45.02 -4.09 0.13	45.17 -3.88 0.00	42.22 -3.62 0.00	39.98 -3.29 0.00	38.33 -2.71 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.10 -1.82 0.00	32.78 -1.54 0.00	30.02 -1.51 0.00	28.38 -1.46 0.00	30.84 -1.59 0.00	34.06 -1.57 0.00	36.63 -1.53 0.00	39.53 -2.08 0.00	39.78 -1.79 0.00	39.19 -1.89 0.04	39.86 -2.01 0.00	38.88 -2.05 0.00	37.91 -2.16 0.00	39.35 -2.03 0.00	38.97 -2.14 0.00	41.23 -2.08 0.00	47.37 -2.18 0.00	52.56 -2.53 0.00	52.35 -2.70 0.00	46.55 -2.41 0.28	46.64 -2.40 0.00	43.64 -2.20 0.00	41.15 -2.12 0.00	39.32 -1.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.23 -2.69 0.00	31.95 -2.37 0.00	29.26 -2.27 0.00	27.67 -2.18 0.00	30.06 -2.37 0.00	33.17 -2.46 0.00	35.60 -2.56 0.00	38.24 -3.37 0.00	38.45 -3.12 0.00	37.85 -3.25 0.02	38.56 -3.31 0.00	37.61 -3.31 0.00	36.66 -3.41 0.00	38.07 -3.31 0.00	37.69 -3.41 0.00	39.80 -3.51 0.00	45.78 -3.77 0.01	50.74 -4.35 0.00	50.47 -4.57 0.00	45.00 -4.09 0.16	45.02 -4.02 0.00	42.18 -3.67 0.00	39.90 -3.38 0.00	38.25 -2.79 0.00
STA_56___34_KV_BUS2 355983	32.23 -2.69 0.00	31.95 -2.37 0.00	29.26 -2.27 0.00	27.67 -2.18 0.00	30.06 -2.37 0.00	33.17 -2.46 0.00	35.60 -2.56 0.00	38.24 -3.37 0.00	38.45 -3.12 0.00	37.85 -3.25 0.02	38.56 -3.31 0.00	37.61 -3.31 0.00	36.66 -3.41 0.00	38.07 -3.31 0.00	37.69 -3.41 0.00	39.80 -3.51 0.00	45.78 -3.77 0.01	50.74 -4.35 0.00	50.47 -4.57 0.00	45.00 -4.09 0.16	45.02 -4.02 0.00	42.18 -3.67 0.00	39.90 -3.38 0.00	38.25 -2.79 0.00
STA_67___115KV_BK2 355882	32.19 -2.72 0.00	31.95 -2.37 0.00	29.26 -2.27 0.00	27.67 -2.18 0.00	30.06 -2.37 0.00	33.13 -2.49 0.00	35.56 -2.59 0.00	38.20 -3.41 0.00	38.36 -3.20 0.00	37.73 -3.37 0.02	38.47 -3.39 0.00	37.53 -3.49 0.00	36.58 -3.49 0.00	37.94 -3.43 0.00	37.57 -3.53 0.00	39.71 -3.59 0.00	45.63 -3.91 0.01	50.63 -4.46 0.00	50.31 -4.73 0.00	44.88 -4.23 0.13	44.88 -4.17 0.00	42.13 -3.71 0.00	39.85 -3.42 0.00	38.21 -2.83 0.00
STA_7___115KV_9TRANS 80674	32.40 -2.51 0.00	32.13 -2.20 0.00	29.42 -2.11 0.00	27.81 -2.03 0.00	30.22 -2.20 0.00	33.34 -2.28 0.00	35.83 -2.33 0.00	38.45 -3.16 0.00	38.65 -2.91 0.00	38.06 -3.04 0.02	38.81 -3.06 0.00	37.85 -3.07 0.00	36.86 -3.21 0.00	38.28 -3.10 0.00	37.90 -3.21 0.00	40.06 -3.25 0.00	46.07 -3.47 0.01	51.07 -4.02 0.00	50.80 -4.24 0.00	45.32 -3.79 0.13	45.32 -3.73 0.00	42.45 -3.39 0.00	40.16 -3.12 0.00	38.50 -2.54 0.00
STA_82___115KV_TB1 80780	32.19 -2.72 0.00	31.95 -2.37 0.00	29.26 -2.27 0.00	27.67 -2.18 0.00	30.06 -2.37 0.00	33.17 -2.46 0.00	35.56 -2.59 0.00	38.20 -3.41 0.00	38.36 -3.20 0.00	37.77 -3.33 0.02	38.47 -3.39 0.00	37.53 -3.40 0.00	36.58 -3.49 0.00	37.94 -3.43 0.00	37.57 -3.53 0.00	39.72 -3.59 0.00	45.68 -3.86 0.00	50.63 -4.46 0.00	50.31 -4.73 0.00	44.87 -4.23 0.13	44.92 -4.12 0.00	42.13 -3.71 0.00	39.85 -3.42 0.00	38.25 -2.79 0.00
STEEL___WIND 323596	30.90 -4.01 0.00	30.86 -3.47 0.00	28.19 -3.34 0.00	26.56 -3.28 0.00	28.92 -3.50 0.00	31.99 -3.63 0.00	34.23 -3.93 0.00	36.57 -5.04 0.00	36.37 -5.20 0.00	36.13 -5.47 -0.48	35.21 -4.65 2.01	36.02 -4.75 0.16	35.26 -4.73 0.08	36.50 -4.76 0.12	36.16 -4.73 0.22	37.79 -4.98 0.54	40.09 -5.60 3.85	48.10 -6.28 0.72	47.96 -6.55 0.53	42.91 -5.76 0.57	42.98 -6.13 -0.07	40.25 -5.59 0.00	38.30 -4.97 0.00	37.10 -3.94 0.00
STEPHTWN_115KV_BK_2 55603	36.90 1.99 0.00	36.28 1.96 0.00	33.29 1.77 0.00	31.52 1.67 0.00	34.27 1.85 0.00	37.58 1.96 0.00	45.53 2.21 -5.16	72.22 2.37 -28.24	69.82 2.41 -25.84	51.13 2.51 -7.50	47.96 2.60 -3.50	46.46 2.58 -2.96	44.47 2.52 -1.88	46.07 2.61 -2.09	48.48 2.55 -4.83	57.88 2.77 -11.80	72.77 3.17 -20.05	96.66 3.64 -37.92	76.94 3.52 -18.37	78.68 3.10 -26.34	65.69 3.09 -13.55	56.92 2.89 -8.19	46.04 2.77 0.00	43.47 2.42 0.00
STEUBEN_REC_LFGE 323667	31.46 -3.46 0.00	31.20 -3.12 0.00	28.56 -2.96 0.00	26.95 -2.89 0.00	29.31 -3.11 0.00	32.52 -3.10 0.00	35.28 -3.13 -0.25	39.27 -3.70 -1.37	40.95 -1.95 -1.34	39.59 -2.22 -0.69	43.91 -3.68 -5.73	38.29 -3.72 -1.09	36.82 -3.89 -0.64	38.35 -3.81 -0.78	39.10 -3.70 -1.70	43.81 -3.68 -4.18	59.98 -3.91 -14.35	57.39 -4.35 -6.64	54.91 -4.46 -4.32	48.07 -3.79 -2.62	45.53 -4.22 -0.71	42.35 -3.90 -0.40	39.55 -3.72 0.00	37.97 -3.08 0.00
STILLWATER___SOLAR 323814	36.83 1.92 0.00	36.21 1.89 0.00	33.23 1.70 0.00	31.45 1.61 0.00	34.21 1.78 0.00	37.58 1.96 0.00	49.71 2.25 -9.30	94.93 2.41 -50.91	90.46 2.45 -46.45	55.17 2.43 -11.62	49.81 2.51 -5.43	47.96 2.46 -4.59	45.35 2.36 -2.91	47.09 2.48 -3.23	51.05 2.47 -7.48	63.98 2.38 -18.29	83.40 2.77 -31.08	122.81 3.19 -64.52	88.58 3.14 -30.40	99.48 2.81 -47.43	75.94 2.74 -24.15	63.16 2.57 -14.75	45.65 2.38 0.00	43.42 2.38 0.00
STONY___BROOK 24151	37.92 3.00 0.00	36.83 2.50 0.00	33.86 2.33 0.00	32.35 2.51 0.00	34.79 2.37 0.00	38.26 2.64 0.00	42.88 3.78 -0.95	51.08 4.25 -5.23	50.46 4.20 -4.70	47.85 3.95 -2.78	47.61 4.44 -1.31	46.36 4.34 -1.11	45.22 4.45 -0.71	47.86 4.55 -1.93	47.38 4.48 -1.80	56.28 4.59 -8.38	70.91 5.70 -15.67	74.17 6.55 -12.52	72.78 6.38 -11.35	66.77 5.47 -12.06	62.91 5.00 -8.86	60.45 4.72 -9.88	47.65 4.37 -0.01	44.66 3.61 0.00
STURGEON_POOL_HYD 23609	37.22 2.30 0.00	36.55 2.23 0.00	33.55 2.02 0.00	31.75 1.91 0.00	34.60 2.17 0.00	38.12 2.49 0.00	43.45 3.70 -1.59	54.47 4.12 -8.74	53.69 4.11 -8.01	48.68 4.11 -3.45	47.62 4.14 -1.61	46.38 4.09 -1.36	44.90 3.97 -0.86	46.48 4.14 -0.96	47.48 4.15 -2.22	53.24 4.50 -5.43	64.37 5.60 -9.22	75.52 6.28 -14.14	68.89 6.44 -7.41	62.89 5.52 -8.13	58.69 5.30 -4.35	53.09 4.72 -2.53	47.34 4.07 0.00	44.53 3.49 0.00
ST_LAW_115_BK7_LBMP 345037	34.81 -0.10 0.00	34.15 -0.17 0.00	31.37 -0.16 0.00	29.70 -0.15 0.00	32.26 -0.16 0.00	35.45 -0.18 0.00	37.78 -0.38 0.00	41.32 -0.29 0.00	41.19 -0.37 0.00	40.83 -0.29 0.00	41.45 -0.42 0.00	40.55 -0.37 0.00	39.71 -0.36 0.00	40.96 -0.41 0.00	40.61 -0.49 0.00	42.70 -0.61 0.00	48.66 -0.89 0.00	54.11 -0.99 0.00	54.16 -0.88 0.00	48.51 -0.74 0.00	48.46 -0.59 0.00	45.30 -0.55 0.00	42.80 -0.48 0.00	40.84 -0.20 0.00

ST_LAW_115_BK8_LBMP 345038	34.81 -0.10 0.00	34.15 -0.17 0.00	31.37 -0.16 0.00	29.70 -0.15 0.00	32.26 -0.16 0.00	35.45 -0.18 0.00	37.78 -0.38 0.00	41.32 -0.29 0.00	41.19 -0.37 0.00	40.83 -0.29 0.00	41.45 -0.42 0.00	40.55 -0.37 0.00	39.71 -0.36 0.00	40.96 -0.41 0.00	40.61 -0.49 0.00	42.70 -0.61 0.00	48.66 -0.89 0.00	54.11 -0.99 0.00	54.16 -0.88 0.00	48.51 -0.74 0.00	48.46 -0.59 0.00	45.30 -0.55 0.00	42.80 -0.48 0.00	40.84 -0.20 0.00
ST_LAW_230_BK5_LBMP 345035	34.81 -0.10 0.00	34.15 -0.17 0.00	31.37 -0.16 0.00	29.67 -0.18 0.00	32.26 -0.16 0.00	35.45 -0.18 0.00	37.78 -0.38 0.00	41.32 -0.29 0.00	41.19 -0.37 0.00	40.79 -0.33 0.00	41.45 -0.42 0.00	40.55 -0.37 0.00	39.71 -0.36 0.00	40.96 -0.41 0.00	40.61 -0.49 0.00	42.70 -0.61 0.00	48.70 -0.84 0.00	54.11 -0.99 0.00	54.22 -0.82 0.00	48.55 -0.69 0.00	48.46 -0.59 0.00	45.30 -0.55 0.00	42.84 -0.43 0.00	40.84 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	34.81 -0.10 0.00	34.15 -0.17 0.00	31.37 -0.16 0.00	29.67 -0.18 0.00	32.26 -0.16 0.00	35.45 -0.18 0.00	37.78 -0.38 0.00	41.32 -0.29 0.00	41.19 -0.37 0.00	40.79 -0.33 0.00	41.45 -0.42 0.00	40.55 -0.37 0.00	39.71 -0.36 0.00	40.96 -0.41 0.00	40.61 -0.49 0.00	42.70 -0.61 0.00	48.70 -0.84 0.00	54.11 -0.99 0.00	54.22 -0.82 0.00	48.55 -0.69 0.00	48.46 -0.59 0.00	45.30 -0.55 0.00	42.84 -0.43 0.00	40.84 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.35 1.43 0.00	35.66 1.34 0.00	32.76 1.23 0.00	31.04 1.19 0.00	33.72 1.30 0.00	37.12 1.50 0.00	40.98 1.95 -0.88	48.40 2.21 -4.59	47.98 2.20 -4.21	45.86 2.26 -2.48	45.37 2.34 -1.16	44.23 2.33 -0.98	43.01 2.32 -0.62	44.47 2.40 -0.69	45.08 2.38 -1.59	49.76 2.56 -3.90	59.24 3.07 -6.62	67.71 3.53 -9.08	63.52 3.47 -5.01	56.71 3.00 -4.46	54.42 2.89 -2.48	49.85 2.61 -1.39	45.61 2.34 0.00	42.97 1.93 0.00
SWANROAD_115KV_TB1 355699	29.82 -5.10 0.00	29.79 -4.53 0.00	27.24 -4.29 0.00	25.70 -4.15 0.00	27.95 -4.47 0.00	30.85 -4.77 0.00	33.01 -5.15 0.00	35.04 -6.57 0.00	35.04 -6.53 0.00	34.69 -6.87 -0.43	34.14 -6.24 1.49	34.28 -6.55 0.09	33.46 -6.57 0.04	34.69 -6.62 0.07	34.28 -6.70 0.12	36.22 -6.80 0.29	39.19 -7.63 2.73	45.83 -8.87 0.39	45.67 -9.08 0.29	40.80 -7.98 0.46	40.82 -8.29 -0.06	38.46 -7.38 0.00	36.65 -6.62 0.00	35.67 -5.38 0.00
SYNERGY___BIOGAS 323694	31.53 -3.39 0.00	31.47 -2.85 0.00	28.75 -2.77 0.00	27.13 -2.72 0.00	29.51 -2.92 0.00	32.63 -2.99 0.00	35.41 -2.75 0.00	37.74 -3.87 0.00	37.86 -3.70 0.00	37.60 -3.91 -0.38	37.34 -3.56 0.97	37.14 -3.76 0.02	36.18 -3.89 0.00	37.60 -3.77 0.02	37.27 -3.82 0.02	39.46 -3.81 0.04	43.88 -4.06 1.60	50.31 -4.74 0.05	49.39 -5.61 0.04	43.91 -4.97 0.36	44.15 -4.95 -0.06	41.26 -4.58 0.00	39.16 -4.11 0.00	37.84 -3.20 0.00
SYRACUSE___ENERGY_ST1 323597	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.05 -0.57 0.00	37.55 -0.61 0.00	40.90 -0.71 0.00	40.90 -0.67 0.00	40.39 -0.74 -0.01	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.41 -0.70 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.55 -0.74 -0.04	48.26 -0.78 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00
SYRACUSE___ENERGY_ST2 323598	34.25 -0.66 0.00	33.74 -0.58 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.05 -0.57 0.00	37.55 -0.61 0.00	40.90 -0.71 0.00	40.90 -0.67 0.00	40.39 -0.74 -0.01	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.41 -0.70 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.55 -0.74 -0.04	48.26 -0.78 0.00	45.07 -0.78 0.00	42.49 -0.78 0.00	40.31 -0.74 0.00
SYRACUSE___POWER 24017	34.22 -0.70 0.00	33.67 -0.65 0.00	30.96 -0.57 0.00	29.28 -0.57 0.00	31.81 -0.62 0.00	35.02 -0.61 0.00	37.51 -0.65 0.00	40.86 -0.75 0.00	40.86 -0.71 0.00	40.38 -0.74 0.00	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.36 -0.74 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.48 -0.79 -0.02	48.21 -0.83 0.00	45.02 -0.83 0.00	42.45 -0.82 0.00	40.26 -0.78 0.00
TALLMAN___138KV_BK151 55660	36.56 1.64 0.00	35.87 1.54 0.00	32.95 1.42 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.33 1.71 0.00	41.24 2.17 -0.91	48.85 2.50 -4.75	48.46 2.54 -4.36	46.28 2.59 -2.57	45.79 2.72 -1.20	44.64 2.70 -1.02	43.36 2.64 -0.64	44.87 2.77 -0.72	45.47 2.71 -1.66	50.26 2.90 -4.05	59.90 3.47 -6.88	68.51 3.97 -9.44	64.16 3.91 -5.21	57.27 3.40 -4.63	54.90 3.29 -2.57	50.22 2.93 -1.44	45.91 2.64 0.00	43.26 2.22 0.00
TEALLAVE_115KV_TB7 355573	34.08 -0.84 0.00	33.57 -0.76 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.68 -0.75 0.00	34.87 -0.75 0.00	37.36 -0.80 0.00	40.65 -0.96 0.00	40.65 -0.91 0.00	40.17 -0.95 0.00	40.90 -0.96 0.00	39.98 -0.94 0.00	39.07 -1.00 0.00	40.43 -0.95 0.00	40.16 -0.95 0.00	42.40 -0.91 0.00	48.56 -0.99 0.00	53.99 -1.10 0.00	53.89 -1.16 0.00	48.16 -1.08 0.00	47.92 -1.13 0.00	44.79 -1.05 0.00	42.23 -1.04 0.00	40.06 -0.99 0.00
TELGRAPH_34_KV_EAST 80808	30.86 -4.05 0.00	30.82 -3.50 0.00	28.16 -3.37 0.00	26.56 -3.28 0.00	28.89 -3.53 0.00	31.92 -3.70 0.00	34.30 -3.85 0.00	36.49 -5.12 0.00	36.62 -4.95 0.00	36.26 -5.26 -0.41	35.90 -4.77 1.19	35.88 -4.99 0.05	34.96 -5.09 0.02	36.29 -5.05 0.04	35.91 -5.14 0.06	37.97 -5.20 0.15	41.77 -5.70 2.08	48.23 -6.67 0.20	47.90 -6.99 0.15	42.63 -6.20 0.41	42.68 -6.42 -0.06	40.16 -5.68 0.00	38.17 -5.11 0.00	36.98 -4.06 0.00
TEMPLE___115KV_TB 2 55572	34.08 -0.84 0.00	33.57 -0.76 0.00	30.83 -0.69 0.00	29.16 -0.69 0.00	31.68 -0.75 0.00	34.87 -0.75 0.00	37.36 -0.80 0.00	40.65 -0.96 0.00	40.69 -0.87 0.00	40.17 -0.95 0.00	40.95 -0.92 0.00	39.98 -0.94 0.00	39.11 -0.96 0.00	40.47 -0.91 0.00	40.20 -0.90 0.00	42.40 -0.91 0.00	48.61 -0.94 0.00	54.05 -1.05 0.00	53.89 -1.16 0.00	48.21 -1.03 0.00	47.92 -1.13 0.00	44.79 -1.05 0.00	42.23 -1.04 0.00	40.06 -0.99 0.00
TIANA____69_KV_BK 1 55817	37.95 3.04 0.00	36.86 2.54 0.00	33.92 2.40 0.00	32.32 2.48 0.00	34.79 2.37 0.00	38.12 2.49 0.00	42.96 3.82 -0.99	51.01 4.20 -5.20	50.34 4.07 -4.70	47.64 3.74 -2.78	47.53 4.35 -1.31	46.33 4.30 -1.11	45.34 4.57 -0.71	47.85 4.55 -1.92	46.97 4.07 -1.80	56.14 4.46 -8.37	70.83 5.65 -15.64	74.24 6.45 -12.70	72.76 6.33 -11.39	66.86 5.37 -12.25	62.93 4.95 -8.94	60.57 4.81 -9.91	47.70 4.41 -0.01	44.74 3.69 0.00
TILDEN___115KV_TB1 80814	34.22 -0.70 0.00	33.67 -0.65 0.00	30.96 -0.57 0.00	29.28 -0.57 0.00	31.81 -0.62 0.00	35.02 -0.61 0.00	37.51 -0.65 0.00	40.86 -0.75 0.00	40.86 -0.71 0.00	40.38 -0.74 0.00	41.11 -0.75 0.00	40.19 -0.74 0.00	39.27 -0.80 0.00	40.63 -0.74 0.00	40.36 -0.74 0.00	42.62 -0.69 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.22 -0.83 0.00	48.48 -0.79 -0.02	48.21 -0.83 0.00	45.02 -0.83 0.00	42.45 -0.82 0.00	40.26 -0.78 0.00

TRIGEN___CC 323695	37.29 2.37 0.00	36.42 2.09 0.00	33.45 1.92 0.00	31.78 1.94 0.00	34.37 1.95 0.00	37.87 2.24 0.00	42.25 3.09 -1.00	50.33 3.45 -5.27	49.76 3.49 -4.71	47.35 3.45 -2.78	46.91 3.73 -1.32	45.72 3.68 -1.12	44.43 3.65 -0.71	47.95 3.77 -2.80	46.57 3.66 -1.81	58.59 3.85 -11.43	76.13 4.66 -21.93	74.94 5.23 -14.61	76.03 5.17 -15.81	71.54 4.48 -17.81	66.97 4.27 -13.66	66.07 3.90 -16.32	46.93 3.63 -0.02	44.08 3.04 0.00
TRINITY___115KV___4 BK 55933	36.59 1.68 0.00	35.94 1.61 0.00	33.01 1.48 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.19 1.57 0.00	45.27 1.76 -5.36	72.80 1.87 -29.32	70.26 1.87 -26.83	50.75 1.93 -7.70	47.51 2.05 -3.60	46.01 2.05 -3.04	44.00 2.00 -1.93	45.59 2.07 -2.14	48.07 2.01 -4.95	57.59 2.17 -12.12	72.56 2.43 -20.59	97.05 2.75 -39.20	76.75 2.75 -18.95	79.00 2.41 -27.34	65.51 2.40 -14.06	56.64 2.29 -8.50	45.48 2.21 0.00	42.97 1.93 0.00
UNION___PROCESSING_DRP 323587	32.23 -2.69 0.00	31.95 -2.37 0.00	29.26 -2.27 0.00	27.67 -2.18 0.00	30.06 -2.37 0.00	33.17 -2.46 0.00	35.60 -2.56 0.00	38.20 -3.41 0.00	38.36 -3.20 0.00	37.77 -3.33 0.02	38.52 -3.35 0.00	37.53 -3.40 0.00	36.58 -3.49 0.00	37.99 -3.39 0.00	37.61 -3.49 0.00	39.72 -3.59 0.00	45.68 -3.86 0.00	50.63 -4.46 0.00	50.36 -4.68 0.00	44.92 -4.19 0.14	44.92 -4.12 0.00	42.13 -3.71 0.00	39.85 -3.42 0.00	38.25 -2.79 0.00
UPPER HUDSON___HYD 24058	37.01 2.09 0.00	36.35 2.02 0.00	33.36 1.83 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.76 2.14 0.00	50.37 2.52 -9.69	97.41 2.75 -53.05	92.79 2.83 -48.40	55.93 2.80 -12.01	50.36 2.89 -5.61	48.53 2.86 -4.74	45.81 2.73 -3.01	47.57 2.85 -3.34	51.71 2.88 -7.73	64.30 2.08 -18.91	84.10 2.43 -32.13	125.00 2.86 -67.04	89.39 2.81 -31.54	101.13 2.46 -49.43	76.55 2.35 -25.15	63.41 2.20 -15.37	45.22 1.95 0.00	43.63 2.59 0.00
UPPER RAQUET___HYD 24056	34.60 -0.31 0.00	33.91 -0.41 0.00	31.15 -0.38 0.00	29.46 -0.39 0.00	32.00 -0.42 0.00	35.09 -0.53 0.00	37.28 -0.88 0.00	40.94 -0.67 0.00	40.73 -0.83 0.00	40.34 -0.78 0.00	40.95 -0.92 0.00	40.02 -0.90 0.00	39.15 -0.92 0.00	40.39 -0.99 0.00	40.04 -1.07 0.00	42.01 -1.30 0.00	47.77 -1.78 0.00	53.12 -1.98 0.00	53.28 -1.76 0.00	47.72 -1.53 0.00	47.67 -1.37 0.00	44.51 -1.33 0.00	42.06 -1.21 0.00	40.26 -0.78 0.00
VALLEY44_115KV_TB2 355964	31.77 -3.14 0.00	31.65 -2.68 0.00	28.94 -2.59 0.00	27.28 -2.57 0.00	29.70 -2.72 0.00	32.84 -2.78 0.00	35.22 -2.94 0.00	37.95 -3.66 0.00	38.07 -3.49 0.00	37.89 -3.78 -0.55	38.62 -2.68 0.56	38.27 -2.74 -0.09	37.33 -2.80 -0.06	38.67 -2.77 -0.06	38.47 -2.80 -0.16	40.80 -2.90 -0.39	46.02 -3.12 0.41	52.02 -3.58 -0.51	51.54 -3.85 -0.35	45.67 -3.35 0.22	44.46 -4.66 -0.08	41.72 -4.13 0.00	39.55 -3.72 0.00	38.09 -2.96 0.00
VALLEY___115KV_TB 1-4 80826	34.43 -0.49 0.00	33.84 -0.48 0.00	31.09 -0.44 0.00	29.43 -0.42 0.00	31.97 -0.45 0.00	35.16 -0.46 0.00	37.74 -0.42 0.00	40.90 -0.71 0.00	40.82 -0.75 0.00	40.34 -0.78 0.00	41.07 -0.80 0.00	40.14 -0.78 0.00	39.27 -0.80 0.00	40.59 -0.79 0.00	40.36 -0.74 0.00	42.62 -0.69 0.00	49.10 -0.45 0.00	54.66 -0.44 0.00	54.49 -0.55 0.00	48.80 -0.44 0.00	48.60 -0.44 0.00	45.48 -0.37 0.00	42.93 -0.35 0.00	40.68 -0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.56 1.64 0.00	35.94 1.61 0.00	33.07 1.54 0.00	31.28 1.43 0.00	33.95 1.52 0.00	37.44 1.82 0.00	41.81 2.33 -1.33	51.53 2.70 -7.22	51.09 2.74 -6.78	46.17 2.59 -2.46	45.66 2.64 -1.15	44.39 2.50 -0.97	43.09 2.40 -0.62	44.63 2.57 -0.68	45.24 2.55 -1.58	50.08 2.90 -3.87	59.60 3.47 -6.58	69.77 3.91 -10.76	64.17 3.69 -5.44	59.36 3.35 -6.77	55.83 3.24 -3.55	50.88 2.93 -2.10	46.00 2.73 0.00	43.47 2.42 0.00
VISCHER___FERRY HYD 24020	36.66 1.74 0.00	36.00 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.33 1.71 0.00	48.05 1.94 -7.95	87.21 2.08 -43.52	83.35 2.08 -39.71	53.48 2.10 -10.27	48.84 2.18 -4.80	47.14 2.17 -4.05	44.77 2.12 -2.57	46.43 2.19 -2.86	49.89 2.18 -6.61	61.72 2.25 -16.16	79.54 2.53 -27.46	113.79 2.86 -55.83	84.37 2.86 -26.46	92.35 2.56 -40.55	72.28 2.55 -20.69	60.88 2.43 -12.61	45.56 2.29 0.00	43.14 2.09 0.00
V_A_10_SYNC_DSASP 323832	30.83 -4.08 0.00	30.68 -3.64 0.00	28.09 -3.44 0.00	26.53 -3.31 0.00	28.86 -3.57 0.00	31.85 -3.78 0.00	34.07 -4.08 0.00	36.37 -5.24 0.00	36.37 -5.20 0.00	36.11 -5.39 -0.38	35.59 -5.36 0.92	35.51 -5.40 0.01	34.66 -5.41 0.00	35.91 -5.46 0.01	35.68 -5.43 0.00	37.63 -5.67 0.01	41.61 -6.44 1.50	47.85 -7.22 0.03	47.54 -7.49 0.02	42.26 -6.65 0.34	42.73 -6.37 -0.06	39.98 -5.87 0.00	37.99 -5.28 0.00	36.69 -4.35 0.00
V_CMM_10_SYNC_DSASP 323787	34.98 0.07 0.00	34.32 0.00 0.00	31.50 -0.03 0.00	29.81 -0.03 0.00	32.39 -0.03 0.00	35.59 -0.04 0.00	37.93 -0.23 0.00	41.53 -0.08 0.00	41.36 -0.21 0.00	41.00 -0.12 0.00	41.66 -0.21 0.00	40.72 -0.20 0.00	39.91 -0.16 0.00	41.13 -0.25 0.00	40.77 -0.33 0.00	42.88 -0.43 0.00	48.85 -0.69 0.00	54.33 -0.77 0.00	54.44 -0.60 0.00	48.75 -0.49 0.00	48.70 -0.34 0.00	45.53 -0.32 0.00	43.01 -0.26 0.00	41.04 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	34.60 -0.31 0.00	33.91 -0.41 0.00	31.09 -0.44 0.00	29.40 -0.45 0.00	31.97 -0.45 0.00	35.16 -0.46 0.00	37.16 -0.99 0.00	40.73 -0.88 0.00	40.53 -1.04 0.00	40.22 -0.90 0.00	40.82 -1.05 0.00	39.90 -1.02 0.00	39.15 -0.92 0.00	40.30 -1.08 0.00	39.87 -1.23 0.00	42.01 -1.30 0.00	47.91 -1.63 0.00	53.28 -1.82 0.00	53.50 -1.54 0.00	47.92 -1.33 0.00	47.87 -1.18 0.00	44.79 -1.05 0.00	42.36 -0.91 0.00	40.71 -0.33 0.00
V_D_10_SYNC_DSASP 323841	35.16 0.25 0.00	34.50 0.17 0.00	31.66 0.13 0.00	29.96 0.12 0.00	32.56 0.13 0.00	35.77 0.14 0.00	38.08 -0.08 0.00	41.69 0.08 0.00	41.52 -0.04 0.00	41.16 0.04 0.00	41.82 -0.04 0.00	40.92 0.00 0.00	40.07 0.00 0.00	41.30 -0.08 0.00	40.94 -0.16 0.00	42.96 -0.35 0.00	48.90 -0.65 0.00	54.33 -0.77 0.00	54.49 -0.55 0.00	48.80 -0.44 0.00	48.70 -0.34 0.00	45.53 -0.32 0.00	43.06 -0.22 0.00	41.21 0.16 0.00
V_E_10_SYNC_DSASP 323830	36.10 1.19 0.00	35.56 1.23 0.00	32.73 1.20 0.00	30.92 1.07 0.00	33.49 1.07 0.00	37.23 1.60 0.00	41.13 2.37 -0.61	52.23 5.82 -4.80	51.60 5.65 -4.39	47.59 4.73 -1.75	47.21 4.52 -0.82	45.87 4.26 -0.69	44.51 4.01 -0.44	46.21 4.34 -0.48	46.79 4.56 -1.12	51.82 5.76 -2.74	61.65 7.43 -4.67	64.73 4.35 -5.28	61.75 3.97 -2.75	56.00 3.64 -3.12	54.07 3.38 -1.65	49.79 2.98 -0.96	45.96 2.68 0.00	43.42 2.38 0.00
V_F_30_NSYNC___DSASP 323816	36.87 1.95 0.00	36.21 1.89 0.00	33.26 1.73 0.00	31.48 1.64 0.00	34.24 1.81 0.00	37.58 1.96 0.00	49.88 2.25 -9.48	95.89 2.41 -51.87	91.34 2.45 -47.32	55.38 2.47 -11.80	49.93 2.55 -5.51	48.07 2.50 -4.66	45.43 2.40 -2.96	47.18 2.52 -3.28	51.20 2.51 -7.59	64.30 2.42 -18.57	83.92 2.82 -31.55	123.99 3.25 -65.65	89.14 3.19 -30.91	100.42 2.85 -48.33	76.43 2.79 -24.60	63.48 2.61 -15.02	45.69 2.42 0.00	43.42 2.38 0.00



V_F_30_SYNC_DSASP 323786	36.66 1.75 0.00	36.01 1.68 0.00	33.07 1.54 0.00	31.31 1.46 0.00	34.05 1.62 0.00	37.30 1.67 0.00	46.41 1.87 -6.39	78.51 2.00 -34.90	75.54 2.04 -31.94	51.93 2.10 -8.72	48.16 2.22 -4.07	46.57 2.21 -3.44	44.42 2.16 -2.19	46.04 2.23 -2.43	48.89 2.18 -5.61	59.37 2.34 -13.72	75.49 2.63 -23.32	103.90 3.03 -45.78	79.94 2.97 -21.93	84.41 2.61 -32.56	68.32 2.60 -16.68	58.40 2.43 -10.12	45.61 2.34 0.00	43.10 2.05 0.00
V_XM_10_SYNC_DSASP 323789	34.60 -0.31 0.00	33.91 -0.41 0.00	31.09 -0.44 0.00	29.40 -0.45 0.00	31.97 -0.45 0.00	35.16 -0.46 0.00	37.16 -0.99 0.00	40.73 -0.88 0.00	40.53 -1.04 0.00	40.22 -0.90 0.00	40.82 -1.05 0.00	39.90 -1.02 0.00	39.15 -0.92 0.00	40.30 -1.08 0.00	39.87 -1.23 0.00	42.01 -1.30 0.00	47.91 -1.63 0.00	53.28 -1.82 0.00	53.50 -1.54 0.00	47.92 -1.33 0.00	47.87 -1.18 0.00	44.79 -1.05 0.00	42.36 -0.91 0.00	40.71 -0.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.69 1.78 0.00	35.97 1.65 0.00	33.04 1.51 0.00	31.34 1.49 0.00	34.05 1.62 0.00	37.44 1.82 0.00	41.40 2.33 -0.92	49.06 2.66 -4.79	48.62 2.66 -4.40	46.47 2.76 -2.60	45.93 2.85 -1.21	44.77 2.82 -1.02	43.52 2.80 -0.65	45.04 2.94 -0.72	45.65 2.88 -1.67	50.47 3.08 -4.09	60.16 3.67 -6.95	68.82 4.19 -9.53	64.43 4.13 -5.26	57.46 3.55 -4.67	55.13 3.48 -2.60	50.42 3.12 -1.45	46.09 2.81 0.00	43.38 2.34 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.97 2.06 0.00	36.25 1.92 0.00	33.33 1.80 0.00	31.60 1.76 0.00	34.31 1.88 0.00	37.72 2.10 0.00	41.73 2.59 -0.98	49.71 3.00 -5.11	49.33 3.08 -4.69	47.06 3.17 -2.78	46.43 3.27 -1.30	45.29 3.27 -1.10	43.97 3.21 -0.70	45.50 3.35 -0.77	46.18 3.29 -1.79	51.19 3.51 -4.37	61.19 4.21 -7.43	70.09 4.79 -10.20	65.35 4.68 -5.63	58.23 3.99 -5.00	55.70 3.87 -2.78	50.88 3.48 -1.55	46.39 3.12 0.00	43.67 2.63 0.00
W50THST__13_KV_LOAD 356117	37.08 2.16 0.00	36.35 2.03 0.00	33.39 1.86 0.00	31.66 1.82 0.00	34.40 1.98 0.00	37.83 2.21 0.00	41.85 2.71 -0.98	49.88 3.16 -5.11	49.49 3.24 -4.69	47.27 3.37 -2.78	46.64 3.47 -1.30	45.50 3.48 -1.10	44.17 3.41 -0.70	45.71 3.56 -0.77	46.39 3.49 -1.79	51.41 3.72 -4.37	61.48 4.51 -7.43	70.37 5.07 -10.20	65.57 4.90 -5.63	58.42 4.19 -5.00	55.89 4.07 -2.78	51.02 3.62 -1.55	46.56 3.29 0.00	43.84 2.79 0.00
WADING RIVER_IC_1 23522	37.81 2.90 0.00	36.69 2.37 0.00	33.80 2.27 0.00	32.29 2.45 0.00	34.73 2.30 0.00	37.90 2.28 0.00	42.65 3.55 -0.95	50.75 3.91 -5.23	50.08 3.82 -4.70	47.39 3.49 -2.78	47.40 4.23 -1.31	46.12 4.09 -1.11	45.30 4.53 -0.71	47.68 4.38 -1.92	46.97 4.07 -1.80	55.92 4.25 -8.36	70.53 5.35 -15.63	73.78 6.17 -12.51	72.37 6.00 -11.33	66.39 5.12 -12.03	62.54 4.66 -8.83	60.31 4.63 -9.84	47.52 4.24 -0.01	44.57 3.53 0.00
WADING RIVER_IC_2 23547	37.81 2.90 0.00	36.69 2.37 0.00	33.80 2.27 0.00	32.29 2.45 0.00	34.73 2.30 0.00	37.90 2.28 0.00	42.65 3.55 -0.95	50.75 3.91 -5.23	50.08 3.82 -4.70	47.39 3.49 -2.78	47.40 4.23 -1.31	46.12 4.09 -1.11	45.30 4.53 -0.71	47.68 4.38 -1.92	46.97 4.07 -1.80	55.92 4.25 -8.36	70.53 5.35 -15.63	73.78 6.17 -12.51	72.37 6.00 -11.33	66.39 5.12 -12.03	62.54 4.66 -8.83	60.31 4.63 -9.84	47.52 4.24 -0.01	44.57 3.53 0.00
WADING RIVER_IC_3 23601	37.81 2.90 0.00	36.69 2.37 0.00	33.80 2.27 0.00	32.29 2.45 0.00	34.73 2.30 0.00	37.90 2.28 0.00	42.65 3.55 -0.95	50.75 3.91 -5.23	50.08 3.82 -4.70	47.39 3.49 -2.78	47.40 4.23 -1.31	46.12 4.09 -1.11	45.30 4.53 -0.71	47.68 4.38 -1.92	46.97 4.07 -1.80	55.92 4.25 -8.36	70.53 5.35 -15.63	73.78 6.17 -12.51	72.37 6.00 -11.33	66.39 5.12 -12.03	62.54 4.66 -8.83	60.31 4.63 -9.84	47.52 4.24 -0.01	44.57 3.53 0.00
WALDENNY_12_KV_BK2 80841	30.90 -4.02 0.00	30.86 -3.47 0.00	28.16 -3.37 0.00	26.56 -3.28 0.00	28.89 -3.53 0.00	31.95 -3.67 0.00	34.23 -3.93 0.00	36.53 -5.08 0.00	36.45 -5.11 0.00	36.12 -5.47 -0.47	35.27 -4.65 1.95	35.98 -4.79 0.15	35.19 -4.81 0.07	36.47 -4.80 0.11	36.00 -4.89 0.21	37.78 -5.02 0.51	40.22 -5.60 3.72	47.97 -6.45 0.68	47.83 -6.72 0.50	42.83 -5.86 0.56	42.74 -6.38 -0.07	40.21 -5.64 0.00	38.25 -5.02 0.00	37.06 -3.98 0.00
WALDEN__HYDRO 24148	36.62 1.71 0.00	35.94 1.61 0.00	33.01 1.48 0.00	31.25 1.40 0.00	34.01 1.59 0.00	37.44 1.82 0.00	41.55 2.40 -0.99	49.54 2.70 -5.23	49.07 2.70 -4.80	46.56 2.76 -2.68	45.92 2.81 -1.25	44.76 2.78 -1.06	43.47 2.72 -0.67	44.98 2.86 -0.75	45.67 2.84 -1.73	50.56 3.03 -4.22	60.43 3.72 -7.17	69.35 4.24 -10.01	64.76 4.24 -5.47	57.94 3.64 -5.05	55.36 3.53 -2.79	50.58 3.16 -1.57	46.09 2.81 0.00	43.43 2.38 0.00
WARRENSBURG____ 23737	37.01 2.09 0.00	36.35 2.02 0.00	33.36 1.83 0.00	31.57 1.73 0.00	34.37 1.95 0.00	37.76 2.14 0.00	50.37 2.52 -9.69	97.41 2.75 -53.05	92.79 2.83 -48.40	55.93 2.80 -12.01	50.36 2.89 -5.61	48.53 2.86 -4.74	45.81 2.73 -3.01	47.57 2.85 -3.34	51.71 2.88 -7.73	64.30 2.08 -18.91	84.10 2.43 -32.13	125.00 2.86 -67.04	89.39 2.81 -31.54	101.13 2.46 -49.43	76.55 2.35 -25.15	63.41 2.20 -15.37	45.22 1.95 0.00	43.63 2.59 0.00
WATERSIDE____6 8 9 23538	34.61 2.23 2.54	33.78 2.09 2.64	30.54 1.95 2.94	30.28 1.91 1.48	31.57 2.04 2.90	35.42 2.24 2.44	39.81 2.67 1.02	48.35 3.00 -3.74	47.90 3.08 -3.26	45.39 3.21 -1.06	44.69 3.31 0.48	43.38 3.31 0.85	41.97 3.33 1.43	43.67 3.43 1.15	44.45 3.37 0.02	50.07 3.55 -3.21	61.18 4.21 -7.42	65.23 4.74 -5.40	51.06 4.68 8.67	43.93 3.99 9.30	49.41 3.87 3.51	49.71 3.48 -0.38	44.64 3.16 1.79	41.90 2.75 1.89
WATKINRD_115KV_LN8_ILLION 55919	34.84 -0.07 0.00	34.25 -0.07 0.00	31.47 -0.06 0.00	29.78 -0.06 0.00	32.36 -0.06 0.00	35.55 -0.07 0.00	38.16 0.00 0.00	40.99 -0.62 0.00	40.82 -0.75 0.00	40.30 -0.82 0.00	41.03 -0.84 0.00	40.06 -0.86 0.00	39.23 -0.84 0.00	40.51 -0.87 0.00	40.32 -0.78 0.00	42.66 -0.65 0.00	49.65 0.10 0.00	55.26 0.17 0.00	55.10 0.06 0.00	49.34 0.10 0.00	49.14 0.10 0.00	45.94 0.09 0.00	43.36 0.09 0.00	41.09 0.04 0.00
WATSON__69_KV_BK 1 55734	38.13 3.21 0.00	37.07 2.75 0.00	34.08 2.55 0.00	32.47 2.63 0.00	34.99 2.56 0.00	38.54 2.92 0.00	43.27 4.12 -0.99	51.43 4.62 -5.20	50.84 4.57 -4.70	48.22 4.32 -2.78	47.95 4.77 -1.31	46.73 4.71 -1.11	45.50 4.73 -0.71	48.26 4.92 -1.96	47.55 4.64 -1.80	56.83 5.02 -8.50	71.59 6.14 -15.90	74.88 7.00 -12.78	73.56 6.94 -11.58	67.69 5.96 -12.49	63.72 5.54 -9.14	61.16 5.13 -10.18	48.04 4.76 -0.01	45.03 3.98 0.00
WDELAWARE__HYD 323627	36.66 1.74 0.00	35.97 1.65 0.00	33.04 1.51 0.00	31.28 1.43 0.00	34.05 1.62 0.00	37.51 1.89 0.00	41.91 2.71 -1.04	50.43 3.04 -5.79	49.88 3.03 -5.28	46.80 3.00 -2.68	46.14 3.02 -1.25	44.93 2.95 -1.06	43.63 2.89 -0.67	45.14 3.02 -0.75	45.87 3.04 -1.73	50.82 3.29 -4.22	60.88 4.16 -7.17	70.07 4.79 -10.18	65.34 4.79 -5.51	58.68 4.14 -5.30	55.87 3.93 -2.91	50.98 3.48 -1.65	46.30 3.03 0.00	43.63 2.59 0.00

WEST BABYLON___IC 23714	37.95 3.04 0.00	36.97 2.64 0.00	33.96 2.43 0.00	32.32 2.48 0.00	34.89 2.46 0.00	38.44 2.81 0.00	43.12 3.97 -0.99	51.23 4.41 -5.21	50.67 4.41 -4.70	48.09 4.19 -2.78	47.78 4.61 -1.31	46.57 4.54 -1.11	45.30 4.53 -0.71	48.13 4.72 -2.04	47.43 4.52 -1.80	56.94 4.85 -8.78	71.98 5.95 -16.48	74.78 6.72 -12.96	73.69 6.66 -11.99	68.00 5.76 -13.00	64.01 5.39 -9.57	61.53 4.91 -10.78	47.87 4.59 -0.01	44.86 3.82 0.00
WEST CANADA___HYD 24049	35.02 0.11 0.00	34.43 0.10 0.00	31.62 0.09 0.00	29.93 0.09 0.00	32.52 0.10 0.00	35.73 0.11 0.00	38.31 0.15 0.00	41.78 0.17 0.00	41.73 0.17 0.00	41.29 0.17 0.00	42.08 0.21 0.00	41.13 0.21 0.00	40.27 0.20 0.00	41.59 0.21 0.00	41.31 0.21 0.00	43.53 0.22 0.00	49.80 0.25 0.00	55.37 0.28 0.00	55.32 0.28 0.00	49.49 0.25 0.00	49.24 0.20 0.00	46.08 0.23 0.00	43.49 0.22 0.00	41.21 0.16 0.00
WESTERN_NY_WIND 24143	31.46 -3.46 0.00	31.41 -2.92 0.00	28.66 -2.87 0.00	27.07 -2.78 0.00	29.44 -2.98 0.00	32.56 -3.06 0.00	35.33 -2.82 0.00	37.66 -3.95 0.00	37.86 -3.70 0.00	37.52 -3.99 -0.39	37.21 -3.60 1.06	37.04 -3.85 0.03	36.09 -3.97 0.01	37.54 -3.81 0.03	37.08 -3.99 0.04	39.32 -3.90 0.09	43.63 -4.11 1.80	50.14 -4.85 0.11	49.18 -5.78 0.08	43.74 -5.12 0.38	43.81 -5.30 -0.06	41.12 -4.72 0.00	39.03 -4.24 0.00	37.72 -3.32 0.00
WESTOVER___LESR 323668	34.25 -0.66 0.00	33.77 -0.55 0.00	30.99 -0.54 0.00	29.31 -0.54 0.00	31.84 -0.58 0.00	35.09 -0.53 0.00	38.10 -0.46 -0.40	43.21 -0.58 -2.19	43.18 -0.46 -2.08	41.60 -0.58 -1.05	41.86 -0.50 -0.49	40.80 -0.53 -0.41	39.73 -0.60 -0.26	41.13 -0.54 -0.29	41.24 -0.53 -0.67	44.53 -0.43 -1.65	52.02 -0.35 -2.82	58.61 -0.39 -3.90	56.65 -0.50 -2.10	50.84 -0.49 -2.09	49.43 -0.74 -1.13	45.80 -0.69 -0.64	42.62 -0.65 0.00	40.51 -0.53 0.00
WETHRSFD_WT_PWR 323626	30.90 -4.01 0.00	30.75 -3.57 0.00	28.12 -3.41 0.00	26.53 -3.31 0.00	28.86 -3.57 0.00	31.95 -3.67 0.00	34.26 -3.89 0.00	36.74 -4.87 0.00	35.41 -6.15 0.00	35.12 -6.54 -0.54	29.56 -4.81 7.50	35.07 -4.87 0.98	34.64 -4.89 0.54	35.75 -4.92 0.71	34.82 -4.81 1.47	34.71 -4.98 3.63	27.56 -5.50 16.49	44.16 -6.12 4.82	45.30 -6.28 3.47	42.04 -5.47 1.73	43.43 -5.69 -0.08	40.53 -5.32 0.00	38.43 -4.85 0.00	37.06 -3.98 0.00
WHAVSTOR_138KV_BK127 55557	36.59 1.68 0.00	35.90 1.58 0.00	32.98 1.45 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.33 1.71 0.00	41.25 2.17 -0.92	48.91 2.50 -4.80	48.50 2.54 -4.41	46.31 2.59 -2.60	45.76 2.68 -1.22	44.65 2.70 -1.03	43.37 2.64 -0.65	44.87 2.77 -0.72	45.49 2.71 -1.67	50.31 2.90 -4.10	59.97 3.47 -6.96	68.62 3.97 -9.55	64.22 3.91 -5.27	57.27 3.35 -4.68	54.93 3.29 -2.60	50.24 2.93 -1.46	45.91 2.64 0.00	43.26 2.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.59 1.68 0.00	35.90 1.58 0.00	32.98 1.45 0.00	31.25 1.40 0.00	33.95 1.52 0.00	37.33 1.71 0.00	41.25 2.17 -0.92	48.91 2.50 -4.80	48.50 2.54 -4.41	46.31 2.59 -2.60	45.76 2.68 -1.22	44.65 2.70 -1.03	43.37 2.64 -0.65	44.87 2.77 -0.72	45.49 2.71 -1.67	50.31 2.90 -4.10	59.97 3.47 -6.96	68.62 3.97 -9.55	64.22 3.91 -5.27	57.27 3.35 -4.68	54.93 3.29 -2.60	50.24 2.93 -1.46	45.91 2.64 0.00	43.26 2.22 0.00
WHITEHAL_115KV_TB1 80871	37.39 2.48 0.00	36.76 2.44 0.00	33.70 2.18 0.00	31.90 2.06 0.00	34.76 2.33 0.00	38.22 2.60 0.00	50.84 3.09 -9.60	97.39 3.37 -52.41	93.01 3.49 -47.95	56.45 3.41 -11.92	50.95 3.52 -5.57	49.11 3.48 -4.71	46.34 3.29 -2.99	48.17 3.48 -3.32	52.23 3.45 -7.67	64.98 2.90 -18.77	84.91 3.47 -31.89	125.60 4.08 -66.43	90.27 3.96 -31.27	101.67 3.50 -48.93	77.23 3.29 -24.90	64.08 3.03 -15.21	46.00 2.73 0.00	44.20 3.16 0.00
WHITEPLN_13_KV_LOAD 356215	37.11 2.20 0.00	36.38 2.06 0.00	33.45 1.92 0.00	31.69 1.85 0.00	34.44 2.01 0.00	37.90 2.28 0.00	41.92 2.79 -0.97	49.89 3.20 -5.08	49.47 3.24 -4.66	47.17 3.29 -2.76	46.59 3.43 -1.29	45.41 3.40 -1.09	44.09 3.33 -0.69	45.66 3.52 -0.77	46.33 3.45 -1.78	51.34 3.68 -4.35	61.34 4.41 -7.39	70.31 5.07 -10.14	65.59 4.95 -5.59	58.49 4.28 -4.97	55.98 4.17 -2.76	51.15 3.76 -1.54	46.65 3.38 0.00	43.92 2.87 0.00
WM_FLOYD_69_KV_BK2 356380	37.88 2.97 0.00	36.79 2.47 0.00	33.86 2.33 0.00	32.26 2.42 0.00	34.76 2.33 0.00	38.15 2.53 0.00	42.89 3.74 -0.99	50.97 4.16 -5.20	50.29 4.03 -4.70	47.64 3.74 -2.78	47.53 4.35 -1.31	46.28 4.26 -1.11	45.22 4.45 -0.71	47.81 4.51 -1.92	46.97 4.07 -1.80	56.14 4.46 -8.37	70.70 5.50 -15.65	74.14 6.34 -12.70	72.66 6.22 -11.40	66.82 5.32 -12.26	62.90 4.90 -8.95	60.49 4.72 -9.92	47.61 4.33 -0.01	44.66 3.61 0.00
WOODARD__115KV_TB2 355635	34.04 -0.87 0.00	33.53 -0.79 0.00	30.80 -0.73 0.00	29.13 -0.72 0.00	31.65 -0.78 0.00	34.84 -0.78 0.00	37.28 -0.88 0.00	40.61 -1.00 0.00	40.61 -0.96 0.00	40.09 -1.03 0.00	40.86 -1.00 0.00	39.90 -1.02 0.00	39.03 -1.04 0.00	40.39 -0.99 0.00	40.12 -0.99 0.00	42.31 -1.00 0.00	48.51 -1.04 0.00	53.94 -1.16 0.00	53.78 -1.27 0.00	48.13 -1.13 -0.02	47.87 -1.18 0.00	44.74 -1.10 0.00	42.19 -1.08 0.00	40.02 -1.03 0.00
YORK___WARBASSE 23770	55.22 2.48 -17.83	55.18 2.33 -18.53	54.40 2.21 -20.66	42.36 2.12 -10.39	55.09 2.30 -20.36	55.22 2.49 -17.10	56.03 2.90 -14.97	59.54 3.25 -14.69	59.57 3.33 -14.68	59.37 3.45 -14.80	59.20 3.56 -13.78	59.28 3.60 -14.75	59.19 3.57 -15.56	59.27 3.68 -14.21	59.19 3.62 -14.47	59.62 3.81 -12.50	61.49 4.46 -7.49	104.02 5.01 -43.91	165.79 5.01 -105.74	158.64 4.28 -105.11	100.04 4.17 -46.82	59.37 3.76 -9.76	59.21 3.42 -12.52	57.28 3.00 -13.24