

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										04/15/2025		
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	35.94	35.04	35.21	34.72	36.24	39.29	54.98	58.05	53.66	46.95	49.83	48.23	44.86	47.22	42.95	46.85	44.25	50.42	54.92	69.81	79.44	52.55	42.87	38.81				
		2.88	2.75	2.73	2.66	2.75	3.08	4.18	5.03	4.37	3.89	3.77	3.43	3.34	3.13	3.09	3.31	3.73	4.29	4.61	5.61	5.00	4.42	3.89	3.40				
		0.00	0.05	0.00	0.00	0.05	0.00	-3.27	-0.05	-3.77	-3.40	-8.75	-11.20	-8.81	-12.74	-8.97	-10.47	-3.59	-5.64	-5.10	-9.25	-25.87	-3.91	-0.06	-0.03				
74TH STREET_GT_1	24260	44.07	38.42	37.62	34.72	36.34	39.29	57.88	63.19	72.33	71.86	57.87	58.59	57.10	58.99	57.73	71.73	71.73	110.85	103.39	104.14	96.15	65.26	58.14	55.14				
		2.91	2.75	2.73	2.66	2.75	3.08	4.04	4.93	4.37	3.85	3.66	3.36	3.24	3.04	3.03	3.21	3.66	4.13	4.52	5.44	4.91	4.42	3.81	3.36				
		-8.10	-3.33	-2.42	0.00	-0.05	0.00	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.66	-43.76	-42.67	-16.61	-15.40	-16.39				
74TH STREET_GT_2	24261	44.07	38.42	37.62	34.72	36.34	39.29	57.88	63.19	72.33	71.86	57.87	58.59	57.10	58.99	57.73	71.73	71.73	110.85	103.39	104.14	96.15	65.26	58.14	55.14				
		2.91	2.75	2.73	2.66	2.75	3.08	4.04	4.93	4.37	3.85	3.66	3.36	3.24	3.04	3.03	3.21	3.66	4.13	4.52	5.44	4.91	4.42	3.81	3.36				
		-8.10	-3.33	-2.42	0.00	-0.05	0.00	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.66	-43.76	-42.67	-16.61	-15.40	-16.39				
ADK HUDSON___FALLS	24011	34.98	34.29	34.36	33.99	35.55	38.45	51.32	57.73	53.99	42.44	39.85	35.82	34.77	33.39	32.80	35.13	39.36	43.53	55.07	62.39	62.74	52.84	42.12	38.11				
		1.92	1.94	1.88	1.92	2.01	2.24	3.80	4.77	3.73	2.78	2.54	2.22	2.06	2.04	1.92	2.05	2.44	3.04	3.48	4.94	4.37	3.76	3.19	2.72				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.38	-2.50	-9.80	-4.86	0.00	0.00				
ADK RESOURCE___RCVRY	23798	35.08	34.39	34.46	34.08	35.66	38.60	51.56	58.05	54.22	42.55	39.88	35.95	34.87	33.48	32.90	35.22	39.47	43.69	55.24	62.77	63.03	53.11	42.31	38.25				
		2.02	2.04	1.98	2.02	2.11	2.39	4.04	5.09	3.96	2.89	2.57	2.35	2.16	2.13	2.01	2.15	2.55	3.20	3.71	5.33	4.66	4.02	3.38	2.87				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.32	-2.50	-9.80	-4.86	0.00	0.00				
ADK S GLENS___FALLS	24028	34.98	34.29	34.36	33.99	35.55	38.45	51.32	57.73	53.99	42.44	39.85	35.82	34.77	33.39	32.80	35.13	39.36	43.53	55.07	62.39	62.74	52.84	42.12	38.11				
		1.92	1.94	1.88	1.92	2.01	2.24	3.80	4.77	3.73	2.78	2.54	2.22	2.06	2.04	1.92	2.05	2.44	3.04	3.48	4.94	4.37	3.76	3.19	2.72				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.38	-2.50	-9.80	-4.86	0.00	0.00				
ADK_NYS___DAM	23527	34.98	34.13	34.26	33.83	35.45	38.27	50.37	56.57	53.08	42.12	39.73	35.82	34.84	33.39	32.90	35.19	39.36	43.12	54.39	61.06	61.36	51.87	41.49	37.62				
		1.92	1.78	1.79	1.76	1.91	2.06	2.85	3.60	2.96	2.46	2.42	2.22	2.12	2.04	2.01	2.12	2.44	2.63	3.03	3.68	3.25	2.92	2.57	2.23				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.15	-2.43	-9.54	-4.73	0.00	0.00				
AIR_PRODUCTS___DRP	24190	33.92	33.16	33.29	32.90	34.38	37.08	48.19	53.92	50.70	40.30	37.83	34.11	33.17	31.82	31.35	33.51	37.44	41.51	52.55	58.74	59.30	50.01	40.01	36.38				
		0.86	0.81	0.81	0.83	0.84	0.87	0.67	0.95	0.55	0.63	0.52	0.50	0.46	0.47	0.46	0.43	0.52	1.01	1.08	1.37	1.21	1.06	1.09	0.99				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.26	-2.43	-9.52	-4.72	0.00	0.00				
AKWESSNE_115KV_BK	355683	32.63	31.86	31.99	31.55	33.04	35.70	46.76	52.07	44.75	38.99	36.53	32.76	31.89	30.51	30.12	32.22	35.97	35.62	40.64	42.24	45.23	42.98	38.07	34.65				
		-0.43	-0.49	-0.49	-0.51	-0.50	-0.51	-0.76	-0.90	-0.77	-0.67	-0.78	-0.84	-0.82	-0.85	-0.77	-0.86	-0.96	-0.93	-1.04	-1.26	-1.12	-1.06	-0.86	-0.74				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.94	3.53	11.44	2.22	0.18	0.00	0.00				
ALBANY_1_SOLAR	323833	34.32	33.61	33.75	33.35	34.85	37.55	49.04	54.82	51.32	40.77	38.28	34.44	33.53	32.14	31.66	33.90	37.96	41.99	52.70	59.41	59.80	50.53	40.56	36.87				
		1.26	1.26	1.27	1.28	1.31	1.34	1.52	1.85	1.27	1.11	0.97	0.84	0.82	0.78	0.77	0.83	1.03	1.50	1.54	2.09	1.89	1.68	1.63	1.49				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.95	-2.38	-9.34	-4.63	0.00	0.00				
ALBANY_2_SOLAR	323834	34.32	33.58	33.75	33.35	34.85	37.55	49.04	54.77	51.32	40.77	38.28	34.44	33.53	32.14	31.66	33.90	37.96	41.95	52.70	59.41	59.75	50.53	40.56	36.84				
		1.26	1.23	1.27	1.28	1.31	1.34	1.52	1.80	1.27	1.11	0.97	0.84	0.82	0.78	0.77	0.83	1.03	1.46	1.54	2.09	1.85	1.68	1.63	1.45				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.96	-2.38	-9.34	-4.63	0.00	0.00				
ALBANY___1	23571	33.92	33.16	33.29	32.90	34.38	37.08	48.19	53.92	50.70	40.30	37.83	34.11	33.17	31.82	31.35	33.51	37.44	41.51	52.55	58.74	59.30	50.01	40.01	36.38				
		0.86	0.81	0.81	0.83	0.84	0.87	0.67	0.95	0.55	0.63	0.52	0.50	0.46	0.47	0.46	0.43	0.52	1.01	1.08	1.37	1.21	1.06	1.09	0.99				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.26	-2.43	-9.52	-4.72	0.00	0.00				

ALBANY___2 23572	33.92 0.86 0.00	33.16 0.81 0.00	33.29 0.81 0.00	32.90 0.83 0.00	34.38 0.84 0.00	37.08 0.87 0.00	48.19 0.67 0.00	53.92 0.95 0.00	50.70 0.55 -4.63	40.30 0.63 0.00	37.83 0.52 0.00	34.11 0.50 0.00	33.17 0.46 0.00	31.82 0.47 0.00	31.35 0.46 0.00	33.51 0.43 0.00	37.44 0.52 0.00	41.51 1.01 0.00	52.55 1.08 -6.26	58.74 1.37 -2.43	59.30 1.21 -9.52	50.01 1.06 -4.72	40.01 1.09 0.00	36.38 0.99 0.00
ALBANY___3 23573	33.92 0.86 0.00	33.16 0.81 0.00	33.29 0.81 0.00	32.90 0.83 0.00	34.38 0.84 0.00	37.08 0.87 0.00	48.19 0.67 0.00	53.92 0.95 0.00	50.70 0.55 -4.63	40.30 0.63 0.00	37.83 0.52 0.00	34.11 0.50 0.00	33.17 0.46 0.00	31.82 0.47 0.00	31.35 0.46 0.00	33.51 0.43 0.00	37.44 0.52 0.00	41.51 1.01 0.00	52.55 1.08 -6.26	58.74 1.37 -2.43	59.30 1.21 -9.52	50.01 1.06 -4.72	40.01 1.09 0.00	36.38 0.99 0.00
ALBANY___4 23574	33.92 0.86 0.00	33.16 0.81 0.00	33.29 0.81 0.00	32.90 0.83 0.00	34.38 0.84 0.00	37.08 0.87 0.00	48.19 0.67 0.00	53.92 0.95 0.00	50.70 0.55 -4.63	40.30 0.63 0.00	37.83 0.52 0.00	34.11 0.50 0.00	33.17 0.46 0.00	31.82 0.47 0.00	31.35 0.46 0.00	33.51 0.43 0.00	37.44 0.52 0.00	41.51 1.01 0.00	52.55 1.08 -6.26	58.74 1.37 -2.43	59.30 1.21 -9.52	50.01 1.06 -4.72	40.01 1.09 0.00	36.38 0.99 0.00
ALBANY___LFGE 323615	34.19 1.12 0.00	33.41 1.07 0.00	33.55 1.07 0.00	33.15 1.09 0.00	34.65 1.11 0.00	37.37 1.16 0.00	48.62 1.09 0.00	54.45 1.48 0.00	51.19 1.00 -4.67	40.57 0.91 0.00	38.13 0.82 0.00	34.41 0.81 0.00	33.46 0.75 0.00	32.10 0.75 0.00	31.63 0.74 0.00	33.84 0.76 0.00	37.78 0.85 0.00	41.91 1.42 0.00	52.93 1.54 -6.19	59.36 1.98 -2.44	59.90 1.75 -9.59	50.53 1.55 -4.76	40.37 1.44 0.00	36.63 1.24 0.00
ALCOA_PA_115KV_PL-6C 55860	32.70 -0.36 0.00	31.89 -0.45 0.00	32.06 -0.42 0.00	31.61 -0.45 0.00	33.07 -0.47 0.00	35.81 -0.40 0.00	46.71 -0.81 0.00	52.01 -0.95 0.00	44.84 -0.68 0.00	39.03 -0.63 0.00	36.56 -0.75 0.00	32.76 -0.84 0.00	33.26 -0.79 -1.33	31.82 -0.82 -1.28	31.38 -0.77 -1.27	33.59 -0.83 -1.34	37.41 -0.92 -1.40	37.23 -0.85 2.42	42.43 -0.95 1.83	44.31 -1.21 9.43	45.35 -1.07 2.14	44.60 -1.11 -1.48	39.61 -0.78 -1.47	36.11 -0.64 -1.36
ALCOA_RYNLDS___DRP 24188	32.70 -0.36 0.00	31.89 -0.45 0.00	32.06 -0.42 0.00	31.61 -0.45 0.00	33.07 -0.47 0.00	35.81 -0.40 0.00	46.71 -0.81 0.00	52.01 -0.95 0.00	44.84 -0.68 0.00	39.03 -0.63 0.00	36.56 -0.75 0.00	32.76 -0.84 0.00	33.26 -0.79 -1.33	31.82 -0.82 -1.28	31.38 -0.77 -1.27	33.59 -0.83 -1.34	37.41 -0.92 -1.40	37.23 -0.85 2.42	42.43 -0.95 1.83	44.31 -1.21 9.43	45.35 -1.07 2.14	44.60 -1.11 -1.48	39.61 -0.78 -1.47	36.11 -0.64 -1.36
ALCOA___DSASP 323711	32.70 -0.36 0.00	31.89 -0.45 0.00	32.06 -0.42 0.00	31.68 -0.38 0.00	33.07 -0.47 0.00	35.81 -0.40 0.00	46.71 -0.81 0.00	52.01 -0.95 0.00	44.98 -0.54 0.00	39.02 -0.64 0.00	36.56 -0.75 0.00	32.76 -0.84 0.00	33.20 -0.79 -1.28	31.77 -0.82 -1.23	31.33 -0.77 -1.22	33.54 -0.83 -1.29	37.41 -0.92 -1.40	37.23 -0.85 2.42	42.43 -0.95 1.83	44.31 -1.21 9.43	45.35 -1.07 2.14	44.60 -1.10 -1.48	39.61 -0.78 -1.47	36.12 -0.64 -1.36
ALLEGHENY___COGEN 23514	31.94 -1.12 0.00	31.38 -0.97 0.00	31.38 -1.10 0.00	30.91 -1.15 0.00	32.50 -1.04 0.00	35.31 -0.90 0.00	46.38 -1.14 0.00	51.11 -1.86 0.00	46.47 -2.59 -3.54	37.72 -1.94 0.00	35.33 -1.98 0.00	31.89 -1.71 0.00	30.88 -1.83 0.00	29.75 -1.60 0.00	29.22 -1.67 0.00	31.59 -1.49 0.00	35.41 -1.52 0.00	38.75 -1.74 0.00	44.73 -1.36 -0.87	54.13 -1.16 -0.35	55.59 -0.58 -7.60	44.23 -0.66 -0.67	38.34 -0.58 0.00	34.68 -0.71 0.00
ALTAMONT_115KV_TB 2 55880	34.12 1.06 0.00	33.38 1.04 0.00	33.55 1.07 0.00	33.12 1.06 0.00	34.65 1.11 0.00	37.33 1.12 0.00	48.85 1.33 0.00	54.66 1.69 0.00	51.57 1.46 -4.59	40.93 1.27 0.00	38.50 1.19 0.00	34.68 1.08 0.00	33.79 1.08 0.00	32.39 1.03 0.00	31.91 1.02 0.00	34.13 1.06 0.00	38.15 1.22 0.00	41.95 1.46 0.00	53.00 1.63 -6.17	59.34 1.98 -2.42	59.81 1.75 -9.49	50.52 1.59 -4.71	40.37 1.44 0.00	36.66 1.27 0.00
ALTONA_WT_PWR 323606	32.50 -0.56 0.00	31.67 -0.68 0.00	31.76 -0.71 0.00	31.36 -0.71 0.00	32.77 -0.77 0.00	35.52 -0.69 0.00	46.62 -0.90 0.00	51.91 -1.06 0.00	44.61 -0.91 0.00	38.47 -1.19 0.00	35.78 -1.53 0.00	31.92 -1.68 0.00	-7.05 -1.60 38.15	-7.01 -1.57 36.80	-7.01 -1.51 36.39	-7.01 -1.62 38.47	-6.86 -1.81 41.97	-6.92 -1.82 45.59	-6.55 -2.03 49.73	-6.47 -2.42 58.99	44.18 -2.18 2.20	-6.36 -2.03 48.54	-6.75 -1.79 43.88	-6.92 -1.56 40.75
AMERICAN_REF_FUEL 24010	29.29 -3.77 0.00	28.69 -3.66 0.00	28.55 -3.93 0.00	28.05 -4.01 0.00	29.55 -3.99 0.00	32.08 -4.13 0.00	41.77 -5.75 0.00	45.92 -7.04 0.00	39.01 -6.33 0.18	35.69 -3.97 0.00	33.69 -3.62 0.00	30.64 -2.96 0.00	29.70 -3.01 0.00	28.66 -2.70 0.00	28.05 -2.84 0.00	30.16 -2.91 0.00	33.57 -3.36 0.00	35.71 -4.78 0.00	40.61 -5.38 -0.79	48.83 -6.43 -0.31	43.10 -5.05 0.41	39.96 -4.86 -0.61	35.31 -3.62 0.00	31.74 -3.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.29 -2.78 0.00	29.79 -2.56 0.00	29.59 -2.89 0.00	29.08 -2.98 0.00	30.59 -2.95 0.00	33.17 -3.04 0.00	43.39 -4.13 0.00	47.88 -5.08 0.00	40.30 -5.28 -0.06	36.53 -3.13 0.00	34.40 -2.91 0.00	31.12 -2.49 0.00	30.09 -2.62 0.00	29.03 -2.32 0.00	28.36 -2.53 0.00	30.46 -2.61 0.00	33.97 -2.96 0.00	36.65 -3.85 0.00	41.05 -5.06 -0.90	49.37 -5.94 -0.36	43.74 -4.90 -0.08	40.45 -4.46 -0.69	36.04 -2.88 0.00	32.42 -2.97 0.00
ARTHUR KILL_GT_1 23520	44.27 3.11 -8.10	38.71 3.01 -3.35	37.83 2.92 -2.42	35.02 2.95 -0.01	36.74 3.12 -0.07	39.62 3.40 -0.01	56.37 3.47 -5.39	62.71 4.45 -5.29	72.42 4.46 -22.43	71.12 4.09 -27.38	55.69 3.99 -14.39	55.64 3.63 -18.41	54.73 3.40 -18.61	55.61 3.32 -20.93	55.40 3.27 -21.24	68.99 3.47 -32.44	72.03 3.95 -31.15	110.44 3.72 -66.22	102.95 4.07 -53.67	103.70 5.00 -43.76	95.71 4.47 -42.67	65.43 4.60 -16.61	57.63 3.31 -15.40	54.68 2.90 -16.39
ARTHUR_KILL_2 23512	44.18 3.01 -8.10	38.61 2.91 -3.35	37.76 2.86 -2.42	34.92 2.85 -0.01	36.67 3.05 -0.07	39.51 3.29 -0.01	56.23 3.33 -5.39	62.60 4.34 -5.29	72.28 4.33 -22.43	71.04 4.00 -27.38	55.61 3.92 -14.39	55.57 3.56 -18.41	54.66 3.34 -18.61	55.52 3.23 -20.93	55.34 3.21 -21.24	68.92 3.41 -32.44	71.96 3.88 -31.15	110.32 3.60 -66.22	102.86 3.98 -53.67	103.54 4.84 -43.76	95.56 4.32 -42.67	65.30 4.46 -16.61	57.56 3.23 -15.40	54.61 2.83 -16.39
ARTHUR_KILL_3 23513	43.84 2.68 -8.10	38.24 2.55 -3.34	37.43 2.54 -2.42	34.53 2.47 0.00	36.13 2.52 -0.07	39.04 2.83 0.00	56.70 3.80 -5.38	56.33 4.61 1.24	66.30 3.92 -16.86	68.14 3.45 -25.03	55.01 3.32 -14.38	55.06 3.06 -18.40	54.32 3.01 -18.61	55.07 2.79 -20.93	54.90 2.78 -21.23	68.48 2.98 -32.43	66.90 3.32 -26.65	100.92 3.93 -56.50	103.12 4.25 -53.66	101.77 5.16 -41.66	90.65 4.62 -37.47	64.89 4.07 -16.61	58.01 3.70 -15.39	55.06 3.29 -16.38

ARTHUR_KILL_COGEN 323718	44.27 3.11 -8.10	38.71 3.01 -3.35	37.83 2.92 -2.42	35.02 2.95 -0.01	36.74 3.12 -0.07	39.62 3.40 -0.01	56.37 3.47 -5.39	62.71 4.45 -5.29	72.42 4.46 -22.43	71.12 4.09 -27.38	55.69 3.99 -14.39	55.64 3.63 -18.41	54.73 3.40 -18.61	55.61 3.32 -20.93	55.40 3.27 -21.24	68.99 3.47 -32.44	72.03 3.95 -31.15	110.44 3.72 -66.22	102.95 4.07 -53.67	103.70 5.00 -43.76	95.71 4.47 -42.67	65.43 4.60 -16.61	57.63 3.31 -15.40	54.68 2.90 -16.39
ASHOKAN____ 23654	34.95 1.88 0.00	34.29 1.94 0.00	34.23 1.75 0.00	33.86 1.79 0.00	35.35 1.81 0.00	38.09 1.88 0.00	50.04 2.52 0.00	55.82 2.86 0.00	50.13 0.41 -4.20	41.56 1.90 0.00	38.88 1.57 0.00	34.98 1.38 0.00	34.08 1.37 0.00	32.64 1.29 0.00	32.22 1.33 0.00	34.46 1.39 0.00	38.63 1.70 0.00	42.88 2.39 0.00	51.38 0.63 -5.54	58.15 0.99 -2.22	57.95 0.68 -8.70	49.02 0.49 -4.32	41.14 2.22 0.00	37.55 2.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.98 2.81 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.54 3.71 -6.31	62.28 4.02 -5.29	72.10 4.14 -22.43	71.53 3.53 -28.34	55.20 3.51 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.56 3.04 -32.44	71.54 3.47 -31.14	110.56 3.85 -66.22	102.99 4.11 -53.67	103.69 5.00 -43.75	95.70 4.47 -42.67	64.95 4.11 -16.61	57.86 3.54 -15.39	54.89 3.11 -16.39
ASTORIA_EAST_ENERGY_CC2 323582	43.98 2.81 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.54 3.71 -6.31	62.28 4.02 -5.29	72.10 4.14 -22.43	71.53 3.53 -28.34	55.20 3.51 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.56 3.04 -32.44	71.54 3.47 -31.14	110.56 3.85 -66.22	102.99 4.11 -53.67	103.69 5.00 -43.75	95.70 4.47 -42.67	64.95 4.11 -16.61	57.86 3.54 -15.39	54.89 3.11 -16.39
ASTORIA_GT2_1 24094	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT2_2 24095	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT2_3 24096	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT2_4 24097	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT3_1 24098	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT3_2 24099	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT3_3 24100	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT3_4 24101	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT4_1 24102	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT4_2 24103	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT4_3 24104	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39

ASTORIA_GT4_4 24105	43.98 2.81 -8.10	38.35 2.65 -3.35	37.57 2.66 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.14 4.19 -22.43	71.62 3.61 -28.35	55.20 3.51 -14.39	55.20 3.19 -18.41	54.43 3.11 -18.61	55.20 2.92 -20.93	55.03 2.90 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.93 3.15 -16.39
ASTORIA_GT_1 23523	44.01 2.84 -8.10	38.42 2.72 -3.35	37.60 2.69 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.29 3.08 -0.01	57.64 3.80 -6.31	62.34 4.08 -5.29	72.19 4.23 -22.43	71.61 3.61 -28.34	55.24 3.55 -14.39	55.27 3.26 -18.41	54.46 3.14 -18.61	55.23 2.95 -20.93	55.06 2.94 -21.24	68.62 3.11 -32.44	71.58 3.51 -31.14	110.60 3.89 -66.22	103.08 4.21 -53.67	103.80 5.11 -43.75	95.75 4.52 -42.67	64.99 4.16 -16.61	57.90 3.58 -15.39	54.97 3.19 -16.39
ASTORIA_GT_10 24110	44.08 2.91 -8.10	38.45 2.75 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.23 4.28 -22.43	71.74 3.73 -28.35	57.83 3.62 -16.90	58.52 3.29 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.85 4.61 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
ASTORIA_GT_11 24225	44.08 2.91 -8.10	38.45 2.75 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.23 4.28 -22.43	71.74 3.73 -28.35	57.83 3.62 -16.90	58.52 3.29 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.85 4.61 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
ASTORIA_GT_12 24226	44.08 2.91 -8.10	38.45 2.75 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.23 4.28 -22.43	71.74 3.73 -28.35	57.83 3.62 -16.90	58.52 3.29 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.85 4.61 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
ASTORIA_GT_13 24227	44.08 2.91 -8.10	38.45 2.75 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.23 4.28 -22.43	71.74 3.73 -28.35	57.83 3.62 -16.90	58.52 3.29 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.85 4.61 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
ASTORIA_GT_5 24106	44.01 2.84 -8.10	38.41 2.72 -3.35	37.60 2.70 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.64 3.80 -6.32	62.88 4.61 -5.30	72.23 4.28 -22.43	71.70 3.69 -28.35	55.24 3.54 -14.39	55.27 3.26 -18.41	54.46 3.14 -18.61	55.23 2.95 -20.93	55.06 2.93 -21.24	68.62 3.11 -32.44	71.59 3.51 -31.15	110.56 3.85 -66.22	103.07 4.20 -53.66	103.81 5.11 -43.76	95.76 4.52 -42.67	65.08 4.25 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
ASTORIA_GT_7 24107	44.01 2.84 -8.10	38.41 2.72 -3.35	37.60 2.70 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.64 3.80 -6.32	62.88 4.61 -5.30	72.23 4.28 -22.43	71.70 3.69 -28.35	55.24 3.54 -14.39	55.27 3.26 -18.41	54.46 3.14 -18.61	55.23 2.95 -20.93	55.06 2.93 -21.24	68.62 3.11 -32.44	71.59 3.51 -31.15	110.56 3.85 -66.22	103.07 4.20 -53.66	103.81 5.11 -43.76	95.76 4.52 -42.67	65.08 4.25 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
ASTORIA_GT_8 24108	44.01 2.84 -8.10	38.41 2.72 -3.35	37.60 2.70 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.64 3.80 -6.32	62.88 4.61 -5.30	72.23 4.28 -22.43	71.70 3.69 -28.35	55.24 3.54 -14.39	55.27 3.26 -18.41	54.46 3.14 -18.61	55.23 2.95 -20.93	55.06 2.93 -21.24	68.62 3.11 -32.44	71.59 3.51 -31.15	110.56 3.85 -66.22	103.07 4.20 -53.66	103.81 5.11 -43.76	95.76 4.52 -42.67	65.08 4.25 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
ASTORIA___2 24149	43.98 2.81 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.73 2.66 -0.01	36.33 2.72 -0.07	39.26 3.04 -0.01	57.54 3.71 -6.31	62.28 4.02 -5.29	72.10 4.14 -22.43	71.53 3.53 -28.34	55.20 3.51 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.56 3.04 -32.44	71.54 3.47 -31.14	110.56 3.85 -66.22	102.99 4.11 -53.67	103.69 5.00 -43.75	95.70 4.47 -42.67	64.95 4.11 -16.61	57.86 3.54 -15.39	54.89 3.11 -16.39
ASTORIA___3 23516	44.08 2.91 -8.10	38.48 2.78 -3.35	37.63 2.73 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.29 3.08 -0.01	57.69 3.85 -6.32	62.87 4.61 -5.30	72.14 4.19 -22.43	71.70 3.69 -28.35	57.83 3.62 -16.90	58.53 3.29 -21.63	57.03 3.17 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.69 3.97 -66.22	103.18 4.30 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.12 4.29 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
ASTORIA___4 23517	44.08 2.91 -8.10	38.45 2.75 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.23 4.28 -22.43	71.74 3.73 -28.35	57.83 3.62 -16.90	58.52 3.29 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.85 4.61 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
ASTORIA___5 23518	44.08 2.91 -8.10	38.48 2.78 -3.35	37.63 2.73 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.29 3.08 -0.01	57.69 3.85 -6.32	62.87 4.61 -5.30	72.14 4.19 -22.43	71.70 3.69 -28.35	57.83 3.62 -16.90	58.53 3.29 -21.63	57.03 3.17 -21.15	58.96 3.01 -24.60	57.67 2.97 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.69 3.97 -66.22	103.18 4.30 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.12 4.29 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
AST_ENERGY_2_CC3 323677	43.94 2.78 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.23 2.62 -0.07	39.14 2.93 0.00	56.84 3.94 -5.37	63.02 4.77 -5.29	72.05 4.10 -22.43	70.68 3.65 -27.37	55.23 3.55 -14.37	55.25 3.26 -18.39	54.45 3.14 -18.60	55.21 2.95 -20.92	55.05 2.94 -21.22	68.61 3.11 -32.42	70.59 3.55 -30.11	109.14 4.05 -64.59	103.21 4.34 -53.66	101.93 5.33 -41.66	90.79 4.76 -37.46	65.07 4.25 -16.61	58.05 3.74 -15.39	55.03 3.25 -16.38
AST_ENERGY_2_CC4 323678	43.94 2.78 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.23 2.62 -0.07	39.14 2.93 0.00	56.84 3.94 -5.37	63.02 4.77 -5.29	72.05 4.10 -22.43	70.68 3.65 -27.37	55.23 3.55 -14.37	55.25 3.26 -18.39	54.45 3.14 -18.60	55.21 2.95 -20.92	55.05 2.94 -21.22	68.61 3.11 -32.42	70.59 3.55 -30.11	109.14 4.05 -64.59	103.21 4.34 -53.66	101.93 5.33 -41.66	90.79 4.76 -37.46	65.07 4.25 -16.61	58.05 3.74 -15.39	55.03 3.25 -16.38

ATHENS_STG_1 23668	34.29 1.22 0.00	33.54 1.20 0.00	33.75 1.27 0.00	33.31 1.25 0.00	34.82 1.27 0.00	37.48 1.27 0.00	49.23 1.71 0.00	55.14 2.17 0.00	51.47 1.87 -4.09	41.25 1.59 0.00	38.88 1.57 0.00	35.08 1.48 0.00	34.18 1.47 0.00	32.73 1.38 0.00	32.28 1.39 0.00	34.50 1.42 0.00	38.55 1.62 0.00	42.32 1.82 0.00	52.69 1.99 -5.50	59.48 2.36 -2.17	59.23 2.13 -8.53	50.40 1.94 -4.23	40.64 1.71 0.00	36.91 1.52 0.00
ATHENS_STG_2 23670	34.29 1.22 0.00	33.54 1.20 0.00	33.75 1.27 0.00	33.31 1.25 0.00	34.82 1.27 0.00	37.48 1.27 0.00	49.23 1.71 0.00	55.14 2.17 0.00	51.47 1.87 -4.09	41.25 1.59 0.00	38.88 1.57 0.00	35.08 1.48 0.00	34.18 1.47 0.00	32.73 1.38 0.00	32.28 1.39 0.00	34.50 1.42 0.00	38.55 1.62 0.00	42.32 1.82 0.00	52.69 1.99 -5.50	59.48 2.36 -2.17	59.23 2.13 -8.53	50.40 1.94 -4.23	40.64 1.71 0.00	36.91 1.52 0.00
ATHENS_STG_3 23677	34.29 1.22 0.00	33.54 1.20 0.00	33.75 1.27 0.00	33.31 1.25 0.00	34.82 1.27 0.00	37.48 1.27 0.00	49.23 1.71 0.00	55.14 2.17 0.00	51.47 1.87 -4.09	41.25 1.59 0.00	38.88 1.57 0.00	35.08 1.48 0.00	34.18 1.47 0.00	32.73 1.38 0.00	32.28 1.39 0.00	34.50 1.42 0.00	38.55 1.62 0.00	42.32 1.82 0.00	52.69 1.99 -5.50	59.48 2.36 -2.17	59.23 2.13 -8.53	50.40 1.94 -4.23	40.64 1.71 0.00	36.91 1.52 0.00
AUBURN___LFGE 323710	32.70 -0.36 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.74 -0.32 0.00	33.27 -0.27 0.00	35.99 -0.22 0.00	47.43 -0.10 0.00	52.70 -0.26 0.00	45.68 -0.32 -0.47	39.42 -0.24 0.00	37.16 -0.15 0.00	33.50 -0.10 0.00	32.58 -0.13 0.00	31.32 -0.03 0.00	30.83 -0.06 0.00	33.08 0.00 0.00	36.85 -0.07 0.00	40.33 -0.16 0.00	45.70 -0.14 0.00	55.09 -0.11 0.00	49.41 -0.15 -0.09	44.58 -0.13 -0.49	38.73 -0.19 0.00	35.18 -0.21 0.00
BABYLON_RES_REC 323704	35.64 2.58 0.00	34.55 2.20 0.00	34.46 1.98 0.00	34.08 2.02 0.00	35.66 2.11 0.00	39.18 2.97 0.00	52.22 4.47 -0.24	57.36 4.39 0.00	53.13 3.87 -3.74	43.75 3.85 -0.25	41.67 3.69 -0.67	37.84 3.39 -0.85	36.65 3.27 -0.67	35.43 3.13 -0.95	34.67 3.12 -0.67	37.16 3.31 -0.78	40.96 3.77 -0.26	45.18 4.25 -0.43	54.90 4.66 -5.04	62.97 5.49 -2.53	62.70 4.96 -9.17	52.63 4.51 -3.89	42.93 4.01 0.00	38.57 3.19 0.00
BABYLON__69_KV_BK2 356345	36.01 2.94 0.00	34.75 2.39 0.00	34.72 2.24 0.00	34.31 2.24 0.00	35.90 2.35 0.00	39.47 3.26 0.00	52.60 4.85 -0.23	58.58 5.61 0.00	53.59 4.32 -3.74	44.15 4.24 -0.24	41.99 4.03 -0.65	38.13 3.70 -0.83	36.93 3.57 -0.66	35.63 3.35 -0.93	34.87 3.34 -0.65	37.37 3.54 -0.76	41.21 4.03 -0.26	45.49 4.58 -0.42	55.39 5.15 -5.02	63.45 5.99 -2.52	63.20 5.49 -9.14	53.11 5.00 -3.89	43.24 4.32 0.01	38.89 3.50 0.00
BALL_HILL_WT_PWR 323825	30.62 -2.45 0.00	30.05 -2.30 0.00	29.91 -2.57 0.00	29.40 -2.66 0.00	30.96 -2.58 0.00	33.60 -2.61 0.00	43.91 -3.61 0.00	48.57 -4.40 0.00	40.85 -4.60 0.08	37.16 -2.50 0.00	35.03 -2.28 0.00	31.72 -1.88 0.00	30.71 -2.00 0.00	29.63 -1.72 0.00	28.97 -1.92 0.00	31.12 -1.95 0.00	34.71 -2.21 0.00	37.41 -3.08 0.00	41.89 -4.20 0.00	50.35 -4.94 0.00	44.32 -4.03 0.22	41.23 -3.67 -0.68	36.71 -2.22 0.00	33.05 -2.34 0.00
BARON_WINDS___WT_PWR 323822	31.08 -1.98 0.00	30.50 -1.84 0.00	30.50 -1.98 0.00	30.04 -2.02 0.00	31.60 -1.95 0.00	34.18 -2.03 0.00	44.81 -2.71 0.00	49.52 -3.44 0.00	37.11 -3.78 4.63	37.12 -2.54 0.00	34.92 -2.39 0.00	31.55 -2.05 0.00	30.59 -2.13 0.00	29.44 -1.91 0.00	28.94 -1.95 0.00	31.16 -1.92 0.00	34.78 -2.14 0.00	37.86 -2.63 0.00	43.04 -3.30 -1.13	51.49 -3.90 -0.45	35.45 -3.06 10.06	42.26 -2.83 -0.87	37.02 -1.91 0.00	33.48 -1.91 0.00
BARRETT_IC_1 23704	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_10 23701	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_11 23702	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_12 23703	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_2 23705	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_3 23706	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_4 23707	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00

BARRETT_IC_5 23708	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_6 23709	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_7 23710	35.64 2.58 0.00	34.49 2.13 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.56 2.01 0.00	39.00 2.79 0.00	51.74 3.99 -0.22	57.57 4.61 0.00	52.77 3.51 -3.74	43.58 3.69 -0.23	41.40 3.47 -0.62	37.56 3.16 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.94 3.14 -0.73	40.72 3.54 -0.24	44.79 3.89 -0.41	54.35 4.11 -5.02	62.28 4.84 -2.50	62.02 4.37 -9.08	52.14 4.02 -3.89	42.70 3.78 0.01	38.46 3.08 0.00
BARRETT_IC_8 23711	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT_IC_9 23700	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT___1 23545	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BARRETT___2 23546	35.54 2.48 0.00	34.49 2.13 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.56 2.01 0.00	38.96 2.75 0.00	51.74 3.99 -0.22	56.78 3.82 0.00	52.72 3.46 -3.74	43.50 3.61 -0.23	41.40 3.47 -0.62	37.52 3.13 -0.80	36.41 3.07 -0.63	35.22 2.98 -0.89	34.48 2.97 -0.62	36.95 3.14 -0.73	40.72 3.55 -0.24	44.83 3.93 -0.41	54.36 4.11 -5.04	62.33 4.89 -2.50	62.03 4.37 -9.09	52.10 3.98 -3.89	42.69 3.77 0.00	38.39 3.01 0.00
BATAVIA__115KV_TB1 55881	30.55 -2.51 0.00	30.05 -2.30 0.00	29.91 -2.57 0.00	29.56 -2.50 0.00	31.03 -2.52 0.00	33.71 -2.50 0.00	44.10 -3.42 0.00	48.73 -4.24 0.00	42.02 -3.46 0.04	36.77 -2.90 0.00	35.07 -2.24 0.00	31.92 -1.68 0.00	30.85 -1.86 0.00	29.75 -1.60 0.00	29.19 -1.70 0.00	31.45 -1.62 0.00	35.04 -1.88 0.00	37.74 -2.75 0.00	42.90 -3.03 -0.72	51.66 -3.57 -0.29	45.73 -2.72 0.12	42.08 -2.70 -0.56	36.90 -2.02 0.00	33.12 -2.26 0.00
BAYONEEC___CTG1 323682	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG10 323750	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG2 323683	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG3 323684	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG4 323685	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG5 323686	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG6 323687	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38

BAYONEEC___CTG7 323688	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG8 323689	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BAYONEEC___CTG9 323749	43.90 2.74 -8.10	38.31 2.62 -3.34	37.50 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.11 2.90 0.00	56.80 3.90 -5.38	62.96 4.71 -5.29	72.00 4.05 -22.43	70.60 3.57 -27.37	55.16 3.47 -14.38	55.16 3.16 -18.40	54.39 3.07 -18.61	55.16 2.88 -20.93	54.99 2.87 -21.23	68.55 3.04 -32.43	70.48 3.43 -30.12	109.06 3.97 -64.60	103.16 4.30 -53.66	101.83 5.22 -41.66	90.70 4.66 -37.47	64.98 4.16 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
BEACON___LESR 323632	34.35 1.29 0.00	33.58 1.23 0.00	33.71 1.23 0.00	33.31 1.25 0.00	34.82 1.27 0.00	37.59 1.38 0.00	48.90 1.38 0.00	54.77 1.80 0.00	51.38 1.23 -4.63	40.73 1.07 0.00	38.24 0.93 0.00	34.51 0.91 0.00	33.56 0.85 0.00	32.20 0.85 0.00	31.75 0.86 0.00	33.93 0.86 0.00	37.96 1.03 0.00	42.15 1.66 0.00	53.19 1.85 -6.13	59.73 2.36 -2.42	60.15 2.09 -9.50	50.79 1.86 -4.71	40.64 1.71 0.00	36.84 1.45 0.00
BEAVER RIVER___HYD 24048	32.47 -0.59 0.00	31.77 -0.58 0.00	31.90 -0.58 0.00	31.52 -0.55 0.00	32.94 -0.60 0.00	35.81 -0.40 0.00	47.24 -0.28 0.00	52.44 -0.53 0.00	45.21 -0.46 -0.14	38.87 -0.79 0.00	36.34 -0.97 0.00	32.59 -1.01 0.00	33.96 -0.95 -2.20	32.47 -1.00 -2.12	32.03 -0.96 -2.10	34.37 -0.93 -2.22	38.42 -0.92 -2.42	41.16 -0.69 -1.36	46.51 -0.63 -1.93	54.31 -0.44 0.19	47.89 -0.39 0.28	46.67 -0.44 -2.89	41.03 -0.43 -2.53	37.31 -0.42 -2.35
BEEBEE_GT_13 23619	31.41 -1.65 0.00	30.83 -1.52 0.00	30.82 -1.66 0.00	30.43 -1.64 0.00	31.87 -1.68 0.00	34.58 -1.63 0.00	45.29 -2.23 0.00	50.16 -2.81 0.00	43.70 -2.28 -0.45	37.80 -1.86 0.00	35.89 -1.42 0.00	32.53 -1.08 0.00	31.57 -1.14 0.00	30.35 -1.00 0.00	29.84 -1.05 0.00	32.08 -0.99 0.00	35.78 -1.14 0.00	38.75 -1.74 0.00	44.18 -1.63 -0.60	53.26 -1.92 -0.24	47.76 -1.75 -0.94	43.18 -1.50 -0.46	37.48 -1.44 0.00	33.90 -1.49 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.44 3.27 -8.10	38.80 3.11 -3.35	37.99 3.09 -2.42	35.05 2.98 -0.01	36.70 3.09 -0.07	39.62 3.40 -0.01	57.88 4.04 -6.32	63.25 4.98 -5.30	72.64 4.69 -22.43	72.18 4.16 -28.35	58.24 4.03 -16.90	58.89 3.66 -21.63	57.36 3.50 -21.15	59.30 3.35 -24.60	58.01 3.31 -23.82	72.06 3.54 -35.45	72.10 4.03 -31.15	110.89 4.17 -66.22	103.48 4.61 -53.66	104.25 5.55 -43.76	96.19 4.95 -42.67	65.61 4.78 -16.61	58.14 3.81 -15.40	55.14 3.36 -16.39
BETHLEHEM___GRP 23843	33.92 0.86 0.00	33.16 0.81 0.00	33.29 0.81 0.00	32.90 0.83 0.00	34.38 0.84 0.00	37.08 0.87 0.00	48.19 0.67 0.00	53.92 0.95 0.00	50.70 0.55 -4.63	40.30 0.63 0.00	37.83 0.52 0.00	34.11 0.50 0.00	33.17 0.46 0.00	31.82 0.47 0.00	31.35 0.46 0.00	33.51 0.43 0.00	37.44 0.52 0.00	41.51 1.01 0.00	52.55 1.08 -6.26	58.74 1.37 -2.43	59.30 1.21 -9.52	50.01 1.06 -4.72	40.01 1.09 0.00	36.38 0.99 0.00
BETHLEHEM___GS1 323560	33.92 0.86 0.00	33.16 0.81 0.00	33.29 0.81 0.00	32.90 0.83 0.00	34.38 0.84 0.00	37.08 0.87 0.00	48.19 0.66 0.00	53.92 0.95 0.00	50.65 0.50 -4.63	40.17 0.51 0.00	37.79 0.48 0.00	34.07 0.47 0.00	33.17 0.46 0.00	31.82 0.47 0.00	31.35 0.46 0.00	33.50 0.43 0.00	37.44 0.52 0.00	41.51 1.01 0.00	52.43 1.08 -6.14	58.74 1.37 -2.42	59.29 1.21 -9.51	50.00 1.06 -4.72	40.01 1.09 0.00	36.34 0.96 0.00
BETHLEHEM___GS2 323561	33.92 0.86 0.00	33.16 0.81 0.00	33.29 0.81 0.00	32.90 0.83 0.00	34.38 0.84 0.00	37.08 0.87 0.00	48.19 0.66 0.00	53.92 0.95 0.00	50.65 0.50 -4.63	40.17 0.51 0.00	37.79 0.48 0.00	34.07 0.47 0.00	33.17 0.46 0.00	31.82 0.47 0.00	31.35 0.46 0.00	33.50 0.43 0.00	37.44 0.52 0.00	41.51 1.01 0.00	52.43 1.08 -6.14	58.74 1.37 -2.42	59.29 1.21 -9.51	50.00 1.06 -4.72	40.01 1.09 0.00	36.34 0.96 0.00
BETHLEHEM___GS3 323562	33.92 0.86 0.00	33.16 0.81 0.00	33.29 0.81 0.00	32.90 0.83 0.00	34.38 0.84 0.00	37.08 0.87 0.00	48.19 0.66 0.00	53.92 0.95 0.00	50.65 0.50 -4.63	40.17 0.51 0.00	37.79 0.48 0.00	34.07 0.47 0.00	33.17 0.46 0.00	31.82 0.47 0.00	31.35 0.46 0.00	33.50 0.43 0.00	37.44 0.52 0.00	41.51 1.01 0.00	52.43 1.08 -6.14	58.74 1.37 -2.42	59.29 1.21 -9.51	50.00 1.06 -4.72	40.01 1.09 0.00	36.34 0.96 0.00
BETHLEHEM___STEEL 23779	30.15 -2.91 0.00	29.63 -2.72 0.00	29.49 -2.99 0.00	29.11 -2.95 0.00	30.59 -2.95 0.00	33.13 -3.08 0.00	43.29 -4.23 0.00	47.78 -5.19 0.00	40.68 -4.51 0.33	36.25 -3.41 0.00	34.62 -2.69 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.09 -3.40 0.00	41.58 -4.48 -0.85	49.95 -5.33 -0.33	43.38 -4.42 0.76	40.89 -3.98 -0.65	36.43 -2.49 0.00	32.59 -2.80 0.00
BETHLHEM_115KV_TB1 79974	33.96 0.89 0.00	33.19 0.84 0.00	33.36 0.88 0.00	32.93 0.87 0.00	34.45 0.91 0.00	37.15 0.94 0.00	48.33 0.81 0.00	54.08 1.11 0.00	50.87 0.73 -4.62	40.41 0.75 0.00	37.98 0.67 0.00	34.24 0.64 0.00	33.33 0.62 0.00	31.95 0.60 0.00	31.48 0.59 0.00	33.67 0.60 0.00	37.59 0.66 0.00	41.59 1.09 0.00	52.67 1.22 -6.24	58.85 1.48 -2.42	59.39 1.31 -9.51	50.13 1.19 -4.72	40.09 1.17 0.00	36.45 1.06 0.00
BETHPAGE_CC_5 323564	35.64 2.58 0.00	34.58 2.23 0.00	34.49 2.01 0.00	34.08 2.02 0.00	35.66 2.11 0.00	39.04 2.83 0.00	52.05 4.28 -0.25	57.14 4.18 0.00	53.00 3.73 -3.74	43.69 3.77 -0.26	41.64 3.62 -0.71	37.87 3.36 -0.91	36.70 3.27 -0.72	35.50 3.13 -1.01	34.72 3.12 -0.71	37.21 3.31 -0.83	40.97 3.77 -0.28	45.09 4.13 -0.46	54.72 4.48 -5.04	62.84 5.33 -2.57	62.64 4.81 -9.27	52.45 4.34 -3.89	42.81 3.89 0.00	38.53 3.15 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.19 -2.88 0.00	29.66 -2.68 0.00	29.52 -2.96 0.00	29.15 -2.92 0.00	30.62 -2.92 0.00	33.20 -3.01 0.00	43.34 -4.18 0.00	47.83 -5.14 0.00	40.75 -4.51 0.27	36.25 -3.41 0.00	34.62 -2.69 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.13 -3.36 0.00	41.59 -4.48 -0.85	49.95 -5.33 -0.34	43.52 -4.42 0.63	40.90 -3.98 -0.66	36.43 -2.49 0.00	32.59 -2.80 0.00

BINGHAMTON___COGEN 23790	32.80 -0.26 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.84 -0.22 0.00	33.34 -0.20 0.00	36.03 -0.18 0.00	47.38 -0.14 0.00	52.70 -0.26 0.00	46.36 -0.36 -1.21	39.46 -0.20 0.00	37.23 -0.07 0.00	33.60 0.00 0.00	32.68 -0.03 0.00	31.38 0.03 0.00	30.89 0.00 0.00	33.11 0.03 0.00	36.93 0.00 0.00	40.41 -0.08 0.00	46.56 -0.27 -1.62	55.26 -0.33 -0.64	50.84 -0.24 -2.51	45.25 -0.22 -1.25	38.96 0.04 0.00	35.32 -0.07 0.00
BIXINCNT_115KV_LOAD 355685	29.82 -3.24 0.00	29.31 -3.04 0.00	29.20 -3.28 0.00	28.92 -3.14 0.00	30.36 -3.19 0.00	32.84 -3.37 0.00	42.91 -4.61 0.00	47.46 -5.51 0.00	40.30 -5.33 -0.10	35.54 -4.12 0.00	33.73 -3.58 0.00	30.71 -2.89 0.00	29.51 -3.21 0.00	28.50 -2.85 0.00	27.89 -3.00 0.00	29.97 -3.11 0.00	33.46 -3.47 0.00	36.20 -4.29 0.00	40.02 -6.10 -0.91	48.05 -7.25 -0.36	42.71 -6.02 -0.17	39.35 -5.57 -0.70	35.42 -3.50 0.00	31.81 -3.57 0.00
BLACK RIVER___HYD 24047	32.60 -0.46 0.00	31.89 -0.45 0.00	31.99 -0.49 0.00	31.61 -0.45 0.00	33.07 -0.47 0.00	35.99 -0.22 0.00	47.62 0.10 0.00	52.76 -0.21 0.00	45.40 -0.32 -0.20	38.95 -0.71 0.00	36.41 -0.90 0.00	32.66 -0.94 0.00	33.34 -0.88 -1.52	31.87 -0.94 -1.46	31.44 -0.90 -1.45	33.81 -0.79 -1.53	37.82 -0.78 -1.67	40.96 -0.48 -0.95	46.32 -0.36 -1.47	54.96 0.05 0.04	48.68 0.10 -0.01	46.23 -0.09 -2.10	40.52 -0.16 -1.75	36.80 -0.21 -1.62
BLACKRVR_115KV_TB2 79977	32.60 -0.46 0.00	31.89 -0.45 0.00	31.99 -0.49 0.00	31.61 -0.45 0.00	33.07 -0.47 0.00	35.99 -0.22 0.00	47.62 0.10 0.00	52.75 -0.21 0.00	45.40 -0.32 -0.20	38.95 -0.71 0.00	36.41 -0.90 0.00	32.66 -0.94 0.00	33.38 -0.92 -1.58	31.94 -0.94 -1.53	31.50 -0.90 -1.51	33.88 -0.79 -1.60	37.82 -0.78 -1.67	40.96 -0.49 -0.95	46.31 -0.36 -1.47	54.96 0.05 0.04	48.68 0.10 -0.01	46.23 -0.09 -2.10	40.51 -0.16 -1.74	36.79 -0.21 -1.62
BLISS_WT_PWR 323608	29.66 -3.40 0.00	29.08 -3.27 0.00	29.00 -3.47 0.00	28.63 -3.43 0.00	30.16 -3.39 0.00	32.62 -3.59 0.00	42.53 -4.99 0.00	47.09 -5.88 0.00	39.30 -6.33 -0.10	35.69 -3.97 0.00	33.50 -3.81 0.00	30.38 -3.23 0.00	29.11 -3.60 0.00	28.15 -3.20 0.00	27.52 -3.37 0.00	29.57 -3.51 0.00	33.05 -3.88 0.00	35.76 -4.74 0.00	39.48 -6.64 -0.91	47.39 -7.91 -0.36	42.13 -6.60 -0.17	38.87 -6.06 -0.70	34.95 -3.97 0.00	31.53 -3.86 0.00
BLUESTONE___WT_PWR 323821	34.15 1.09 0.00	33.51 1.16 0.00	33.62 1.14 0.00	33.22 1.15 0.00	34.82 1.27 0.00	37.80 1.59 0.00	50.09 2.56 0.00	55.61 2.65 0.00	48.88 2.05 -1.31	41.36 1.70 0.00	38.84 1.53 0.00	34.98 1.38 0.00	34.08 1.37 0.00	32.57 1.22 0.00	32.00 1.11 0.00	34.43 1.36 0.00	38.51 1.59 0.00	42.44 1.94 0.00	49.00 2.04 -1.75	58.28 2.64 -0.69	53.67 2.38 -2.72	47.61 2.04 -1.35	40.75 1.83 0.00	36.94 1.56 0.00
BLUE_CIRC_CHEM_DRP 24182	34.15 1.09 0.00	33.41 1.07 0.00	33.58 1.10 0.00	33.19 1.12 0.00	34.68 1.14 0.00	37.37 1.16 0.00	48.80 1.28 0.00	54.56 1.59 0.00	51.29 1.23 -4.54	40.73 1.07 0.00	38.24 0.93 0.00	34.44 0.84 0.00	33.50 0.79 0.00	32.14 0.78 0.00	31.66 0.77 0.00	33.87 0.79 0.00	37.85 0.92 0.00	41.79 1.30 0.00	52.60 1.36 -6.04	59.12 1.81 -2.36	59.50 1.65 -9.28	50.33 1.50 -4.60	40.37 1.44 0.00	36.70 1.31 0.00
BOC_GAS_DRP 24189	34.06 0.99 0.00	33.29 0.94 0.00	33.45 0.97 0.00	33.03 0.96 0.00	34.55 1.01 0.00	37.22 1.01 0.00	48.71 1.19 0.00	54.45 1.48 0.00	51.42 1.32 -4.58	40.85 1.19 0.00	38.43 1.12 0.00	34.64 1.04 0.00	33.73 1.01 0.00	32.32 0.97 0.00	31.88 0.99 0.00	34.10 1.03 0.00	38.07 1.14 0.00	41.87 1.38 0.00	52.84 1.49 -6.14	59.11 1.76 -2.41	59.62 1.60 -9.45	50.37 1.46 -4.69	40.25 1.32 0.00	36.59 1.20 0.00
BOONVILLE_115KV_TB1 79983	33.26 0.20 0.00	32.54 0.19 0.00	32.67 0.19 0.00	32.26 0.19 0.00	33.74 0.20 0.00	36.61 0.40 0.00	48.28 0.76 0.00	53.76 0.79 0.00	46.38 0.73 -0.13	40.02 0.36 0.00	37.57 0.26 0.00	33.77 0.17 0.00	33.82 0.20 -0.92	32.36 0.13 -0.88	31.86 0.09 -0.87	34.16 0.17 -0.92	38.19 0.30 -0.96	41.78 0.53 -0.76	46.83 0.59 -1.04	56.41 0.88 -0.58	49.50 0.78 -0.16	46.06 0.62 -1.22	40.44 0.51 -1.01	36.75 0.42 -0.94
BORALEX_4TH_BRANCH 23824	34.98 1.92 0.00	34.13 1.78 0.00	34.27 1.79 0.00	33.86 1.80 0.00	35.45 1.91 0.00	38.27 2.06 0.00	50.37 2.85 0.00	56.57 3.60 0.00	53.13 3.00 -4.60	42.24 2.58 0.00	39.73 2.43 0.00	35.82 2.22 0.00	34.84 2.13 0.00	33.39 2.04 0.00	32.90 2.01 0.00	35.19 2.12 0.00	39.36 2.44 0.00	43.13 2.63 0.00	54.44 3.03 -6.20	61.06 3.68 -2.43	61.37 3.25 -9.55	51.87 2.92 -4.73	41.49 2.57 0.00	37.62 2.23 0.00
BOWLINE___1 23526	35.11 2.05 0.00	34.32 1.97 0.00	34.40 1.92 0.00	33.95 1.89 0.00	35.49 1.94 0.00	38.35 2.14 0.00	50.37 2.85 0.00	56.52 3.55 0.00	52.24 3.14 -3.59	42.40 2.73 0.00	40.00 2.69 0.00	36.05 2.45 0.00	35.10 2.39 0.00	33.58 2.23 0.00	33.11 2.23 0.00	35.42 2.35 0.00	39.62 2.69 0.00	43.57 3.08 0.00	53.38 3.35 -4.83	60.86 4.01 -1.91	59.65 3.59 -7.49	51.16 3.23 -3.72	41.73 2.80 0.00	37.86 2.48 0.00
BOWLINE___2 23595	35.11 2.05 0.00	34.32 1.97 0.00	34.43 1.95 0.00	33.95 1.89 0.00	35.49 1.94 0.00	38.38 2.17 0.00	50.37 2.85 0.00	56.57 3.60 0.00	52.25 3.14 -3.59	42.44 2.78 0.00	40.00 2.69 0.00	36.05 2.45 0.00	35.13 2.42 0.00	33.61 2.26 0.00	33.11 2.23 0.00	35.46 2.38 0.00	39.62 2.69 0.00	43.61 3.12 0.00	53.38 3.35 -4.83	60.92 4.07 -1.91	59.71 3.64 -7.49	51.21 3.27 -3.72	41.76 2.84 0.00	37.86 2.48 0.00
BRADY___115KV_TB2 356060	32.73 -0.33 0.00	31.93 -0.42 0.00	32.06 -0.42 0.00	31.65 -0.42 0.00	33.11 -0.44 0.00	35.88 -0.33 0.00	46.86 -0.67 0.00	52.12 -0.85 0.00	44.84 -0.68 0.00	38.95 -0.71 0.00	36.41 -0.90 0.00	32.59 -1.01 0.00	34.68 -0.95 -2.92	33.17 -1.00 -2.82	32.75 -0.93 -2.79	35.06 -0.96 -2.95	38.97 -1.03 -3.08	39.12 -0.85 0.52	44.57 -0.86 -0.22	47.10 -0.99 6.85	45.63 -0.92 2.01	46.68 -0.97 -3.43	41.44 -0.70 -3.22	37.81 -0.57 -2.99
BRANSCOMB___SOLAR 323811	34.75 1.69 0.00	34.00 1.65 0.00	34.14 1.66 0.00	33.73 1.67 0.00	35.29 1.74 0.00	38.13 1.92 0.00	50.47 2.95 0.00	56.67 3.71 0.00	53.12 2.87 -4.73	41.76 2.10 0.00	39.21 1.90 0.00	35.35 1.75 0.00	34.35 1.63 0.00	33.01 1.66 0.00	32.43 1.54 0.00	34.73 1.65 0.00	38.88 1.96 0.00	42.92 2.43 0.00	54.36 2.85 -6.30	61.39 3.96 -2.49	61.84 3.50 -9.77	52.16 3.09 -4.85	41.53 2.61 0.00	37.62 2.23 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.87 2.81 0.00	34.62 2.26 0.00	34.56 2.08 0.00	34.15 2.08 0.00	35.73 2.18 0.00	39.32 3.11 0.00	52.39 4.66 -0.22	58.42 5.46 0.00	53.40 4.14 -3.74	43.93 4.05 -0.22	41.76 3.84 -0.61	37.91 3.53 -0.78	36.76 3.43 -0.61	35.45 3.23 -0.86	34.71 3.21 -0.61	37.19 3.41 -0.71	41.04 3.88 -0.24	45.26 4.37 -0.40	55.12 4.88 -5.02	63.03 5.60 -2.48	62.77 5.15 -9.05	52.89 4.78 -3.89	43.01 4.09 0.01	38.71 3.33 0.00



BRISTLHL_115KV_TB1 79998	32.27 -0.79 0.00	31.64 -0.71 0.00	31.73 -0.75 0.00	31.33 -0.74 0.00	32.80 -0.74 0.00	35.45 -0.76 0.00	46.62 -0.90 0.00	51.75 -1.22 0.00	44.72 -1.09 -0.30	38.71 -0.95 0.00	36.49 -0.82 0.00	32.90 -0.71 0.00	31.99 -0.72 0.00	30.72 -0.63 0.00	30.27 -0.62 0.00	32.48 -0.60 0.00	36.23 -0.70 0.00	39.56 -0.93 0.00	44.60 -0.99 -0.39	53.95 -1.15 -0.16	48.12 -1.07 -0.62	43.56 -0.97 -0.31	38.03 -0.90 0.00	34.61 -0.78 0.00
BROOKHAVEN___DRP 24191	35.31 2.25 0.00	34.03 1.68 0.00	34.01 1.53 0.00	33.73 1.67 0.00	35.39 1.84 0.00	39.11 2.90 0.00	51.96 4.23 -0.21	57.94 4.98 0.00	52.86 3.60 -3.74	43.29 3.41 -0.22	41.08 3.17 -0.60	37.35 2.99 -0.76	36.16 2.85 -0.60	34.83 2.63 -0.85	34.11 2.63 -0.60	36.48 2.71 -0.70	40.30 3.14 -0.23	44.57 3.68 -0.39	54.57 4.34 -5.02	62.14 4.73 -2.47	61.97 4.37 -9.03	52.23 4.11 -3.89	42.35 3.43 0.01	38.11 2.72 0.00
BROOKLYN_NAVY_YARD 23515	43.90 2.74 -8.10	38.31 2.62 -3.34	37.46 2.57 -2.42	34.57 2.50 0.00	36.16 2.55 -0.07	39.11 2.90 0.00	56.94 4.04 -5.38	63.12 4.87 -5.29	72.09 4.14 -22.43	70.76 3.73 -27.37	55.27 3.58 -14.38	55.30 3.29 -18.40	54.52 3.21 -18.61	55.29 3.01 -20.93	55.08 2.97 -21.23	68.68 3.18 -32.43	70.66 3.62 -30.12	109.26 4.17 -64.60	103.30 4.43 -53.66	102.10 5.49 -41.66	90.94 4.90 -37.47	65.07 4.25 -16.61	58.01 3.70 -15.39	54.99 3.22 -16.38
BROOKLYN___ARMY_DRP 323595	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.06 4.05 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
BROOKVLE_69_KV_TB1 55790	35.87 2.81 0.00	34.84 2.49 0.00	34.88 2.40 0.00	34.40 2.34 0.00	35.96 2.42 0.00	39.18 2.97 0.00	52.15 4.28 -0.36	57.99 5.03 0.00	53.40 4.14 -3.74	44.00 3.97 -0.37	42.07 3.77 -0.99	38.33 3.46 -1.27	37.08 3.37 -1.00	35.94 3.17 -1.42	35.03 3.15 -0.99	37.58 3.34 -1.16	41.09 3.77 -0.39	45.35 4.21 -0.64	54.80 4.57 -5.02	63.24 5.49 -2.80	63.36 4.95 -9.84	52.58 4.47 -3.89	42.85 3.93 0.01	38.71 3.33 0.00
BROOME_2_LFGE 323671	32.80 -0.27 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.81 -0.26 0.00	33.34 -0.20 0.00	36.03 -0.18 0.00	47.38 -0.14 0.00	52.70 -0.26 0.00	46.18 -0.54 -1.21	39.58 -0.08 0.00	37.27 -0.04 0.00	33.60 0.00 0.00	32.68 -0.03 0.00	31.38 0.03 0.00	30.86 -0.03 0.00	33.11 0.03 0.00	36.93 0.00 0.00	40.41 -0.08 0.00	46.56 -0.27 -1.62	55.26 -0.33 -0.64	50.84 -0.24 -2.51	45.25 -0.22 -1.25	38.96 0.04 0.00	35.35 -0.04 0.00
BROOME___LFGE 323600	32.80 -0.27 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.81 -0.26 0.00	33.34 -0.20 0.00	36.03 -0.18 0.00	47.38 -0.14 0.00	52.70 -0.26 0.00	46.18 -0.54 -1.21	39.58 -0.08 0.00	37.27 -0.04 0.00	33.60 0.00 0.00	32.68 -0.03 0.00	31.38 0.03 0.00	30.86 -0.03 0.00	33.11 0.03 0.00	36.93 0.00 0.00	40.41 -0.08 0.00	46.56 -0.27 -1.62	55.26 -0.33 -0.64	50.84 -0.24 -2.51	45.25 -0.22 -1.25	38.96 0.04 0.00	35.35 -0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	32.10 -0.96 0.00	31.38 -0.97 0.00	31.51 -0.97 0.00	31.10 -0.96 0.00	32.54 -1.01 0.00	35.34 -0.87 0.00	46.33 -1.19 0.00	51.54 -1.43 0.00	44.44 -1.18 -0.10	38.35 -1.31 0.00	35.85 -1.46 0.00	32.12 -1.48 0.00	35.38 -1.44 -4.11	33.87 -1.44 -3.97	33.42 -1.39 -3.92	35.80 -1.42 -4.15	39.74 -1.51 -4.33	41.41 -1.34 -2.25	46.90 -1.40 -3.09	52.46 -1.54 0.95	46.27 -1.36 0.94	47.92 -1.33 -5.03	42.32 -1.13 -4.53	38.56 -1.03 -4.20
BROWNSV1_27_KV_LOAD 356125	44.13 2.98 -8.10	38.50 2.81 -3.34	37.69 2.79 -2.42	34.79 2.73 0.00	36.39 2.78 -0.07	39.32 3.11 0.00	57.08 4.18 -5.38	63.34 5.08 -5.29	72.36 4.42 -22.43	70.96 3.93 -27.37	55.42 3.73 -14.38	55.43 3.43 -18.40	54.65 3.34 -18.61	55.41 3.14 -20.93	55.21 3.09 -21.23	68.81 3.31 -32.43	70.77 3.73 -30.12	109.34 4.25 -64.60	103.51 4.66 -53.65	102.27 5.66 -41.66	91.09 5.05 -37.47	65.34 4.51 -16.60	58.28 3.97 -15.39	55.24 3.47 -16.38
BURROWS___LYONSDAL 23803	33.03 -0.03 0.00	32.31 -0.03 0.00	32.45 -0.03 0.00	32.06 0.00 0.00	33.51 -0.03 0.00	36.39 0.18 0.00	48.00 0.48 0.00	53.44 0.48 0.00	46.06 0.41 -0.13	39.74 0.08 0.00	37.23 -0.07 0.00	33.47 -0.13 0.00	33.80 -0.10 -1.19	32.34 -0.16 -1.14	31.84 -0.19 -1.13	34.14 -0.13 -1.20	38.14 -0.04 -1.25	41.58 0.20 -0.88	46.69 0.27 -1.21	55.92 0.55 -0.43	49.12 0.49 -0.07	46.12 0.35 -1.54	40.47 0.23 -1.31	36.78 0.18 -1.21
CAITHNESS_CC_1 323624	35.21 2.15 0.00	34.10 1.75 0.00	33.97 1.49 0.00	33.76 1.70 0.00	35.39 1.84 0.00	39.07 2.86 0.00	51.96 4.23 -0.21	57.14 4.18 0.00	52.86 3.60 -3.74	43.25 3.37 -0.22	41.15 3.24 -0.60	37.39 3.03 -0.76	36.22 2.91 -0.60	34.93 2.73 -0.85	34.17 2.69 -0.59	36.58 2.81 -0.70	40.37 3.21 -0.23	44.69 3.81 -0.39	54.63 4.38 -5.04	62.25 4.84 -2.47	62.02 4.42 -9.03	52.23 4.11 -3.89	42.42 3.50 0.00	38.07 2.69 0.00
CALPINE BETH_PAGE_GT4 24209	35.71 2.65 0.00	34.52 2.17 0.00	34.53 2.05 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.93 2.72 0.00	51.88 4.09 -0.27	57.68 4.71 0.00	52.86 3.60 -3.74	43.63 3.69 -0.28	41.58 3.51 -0.76	37.90 3.33 -0.98	36.72 3.24 -0.77	35.51 3.07 -1.09	34.71 3.06 -0.76	37.21 3.24 -0.89	40.92 3.69 -0.30	44.96 3.97 -0.50	54.53 4.29 -5.02	62.61 5.05 -2.61	62.55 4.61 -9.37	52.32 4.20 -3.89	42.66 3.74 0.01	38.54 3.15 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.58 2.51 0.00	34.52 2.17 0.00	34.46 1.98 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.89 2.68 0.00	51.88 4.09 -0.27	56.94 3.97 0.00	52.86 3.60 -3.74	43.55 3.61 -0.28	41.58 3.51 -0.76	37.90 3.33 -0.98	36.69 3.21 -0.77	35.52 3.07 -1.09	34.71 3.06 -0.76	37.21 3.24 -0.89	40.92 3.69 -0.30	45.00 4.01 -0.50	54.54 4.30 -5.04	62.67 5.11 -2.61	62.56 4.62 -9.37	52.27 4.16 -3.89	42.66 3.74 0.00	38.46 3.08 0.00
CALPINE_BP_GT1 23823	35.58 2.51 0.00	34.52 2.17 0.00	34.46 1.98 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.89 2.68 0.00	51.88 4.09 -0.27	56.94 3.97 0.00	52.86 3.60 -3.74	43.55 3.61 -0.28	41.58 3.51 -0.76	37.90 3.33 -0.98	36.69 3.21 -0.77	35.52 3.07 -1.09	34.71 3.06 -0.76	37.21 3.24 -0.89	40.92 3.69 -0.30	45.00 4.01 -0.50	54.54 4.30 -5.04	62.67 5.11 -2.61	62.56 4.62 -9.37	52.27 4.16 -3.89	42.66 3.74 0.00	38.46 3.08 0.00
CALSPAN___DRP 24200	30.15 -2.91 0.00	29.63 -2.72 0.00	29.49 -2.99 0.00	29.11 -2.95 0.00	30.59 -2.95 0.00	33.13 -3.08 0.00	43.29 -4.23 0.00	47.78 -5.19 0.00	40.68 -4.51 0.33	36.25 -3.41 0.00	34.62 -2.69 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.09 -3.40 0.00	41.58 -4.48 -0.85	49.95 -5.33 -0.33	43.38 -4.42 0.76	40.89 -3.98 -0.65	36.43 -2.49 0.00	32.59 -2.80 0.00

CALVERTON___SOLAR 323806	35.11 2.05 0.00	34.00 1.65 0.00	33.88 1.40 0.00	33.70 1.63 0.00	35.39 1.84 0.00	39.11 2.90 0.00	52.01 4.28 -0.21	57.20 4.24 0.00	52.86 3.60 -3.74	43.17 3.29 -0.22	41.04 3.13 -0.60	37.28 2.92 -0.76	36.09 2.78 -0.60	34.77 2.57 -0.85	34.02 2.53 -0.60	36.42 2.65 -0.70	40.22 3.06 -0.23	44.57 3.68 -0.39	54.59 4.34 -5.04	62.20 4.78 -2.47	61.92 4.32 -9.03	52.14 4.02 -3.89	42.30 3.38 0.00	37.97 2.58 0.00
CANDIGU_WT_PWR 323617	31.08 -1.98 0.00	30.50 -1.84 0.00	30.50 -1.98 0.00	30.04 -2.02 0.00	31.60 -1.95 0.00	34.18 -2.03 0.00	44.81 -2.71 0.00	49.52 -3.44 0.00	37.11 -3.78 4.63	37.12 -2.54 0.00	34.92 -2.39 0.00	31.55 -2.05 0.00	30.59 -2.13 0.00	29.44 -1.91 0.00	28.94 -1.95 0.00	31.16 -1.92 0.00	34.78 -2.14 0.00	37.86 -2.63 0.00	43.04 -3.30 -1.13	51.49 -3.90 -0.45	35.45 -3.06 10.06	42.26 -2.83 -0.87	37.02 -1.91 0.00	33.48 -1.91 0.00
CARR STREET_E__SYR 24060	32.57 -0.50 0.00	31.93 -0.42 0.00	32.02 -0.45 0.00	31.58 -0.48 0.00	33.11 -0.44 0.00	35.78 -0.43 0.00	47.05 -0.48 0.00	52.22 -0.74 0.00	45.49 -0.37 -0.34	39.19 -0.47 0.00	36.90 -0.41 0.00	33.30 -0.30 0.00	32.38 -0.33 0.00	31.10 -0.25 0.00	30.61 -0.28 0.00	33.14 0.07 0.00	36.93 0.00 0.00	40.01 -0.48 0.00	45.12 -0.54 -0.46	54.52 -0.60 -0.18	48.69 -0.58 -0.71	44.04 -0.53 -0.35	38.42 -0.51 0.00	34.97 -0.42 0.00
CARTHAGE___PAPER 23857	32.50 -0.56 0.00	31.77 -0.58 0.00	31.90 -0.58 0.00	31.52 -0.55 0.00	32.97 -0.57 0.00	35.88 -0.33 0.00	47.38 -0.14 0.00	52.54 -0.43 0.00	45.29 -0.41 -0.18	38.87 -0.79 0.00	36.30 -1.01 0.00	32.52 -1.08 0.00	33.44 -1.05 -1.78	32.00 -1.07 -1.72	31.57 -1.02 -1.70	33.88 -0.99 -1.79	37.93 -0.96 -1.96	40.96 -0.65 -1.11	46.32 -0.54 -1.65	54.57 -0.27 0.10	48.27 -0.19 0.10	46.32 -0.31 -2.41	40.62 -0.35 -2.05	36.90 -0.39 -1.90
CASSADAGA_WT_PWR 323784	30.32 -2.74 0.00	29.89 -2.46 0.00	29.69 -2.79 0.00	29.18 -2.89 0.00	30.66 -2.88 0.00	33.20 -3.00 0.00	43.48 -4.04 0.00	47.99 -4.98 0.00	40.25 -5.37 -0.11	36.45 -3.21 0.00	34.29 -3.02 0.00	30.91 -2.69 0.00	29.86 -2.85 0.00	28.84 -2.51 0.00	28.14 -2.75 0.00	30.26 -2.81 0.00	33.75 -3.18 0.00	36.44 -4.05 0.00	40.73 -5.38 -0.91	48.99 -6.32 -0.36	43.60 -5.15 -0.18	40.23 -4.69 -0.70	35.89 -3.04 0.00	32.27 -3.11 0.00
CE_DUNWOOD___DRP 24194	35.48 2.41 0.00	34.61 2.26 0.00	34.75 2.27 0.00	34.28 2.21 0.00	35.82 2.28 0.00	38.74 2.53 0.00	51.01 3.33 -0.16	57.10 4.13 0.00	52.90 3.64 -3.74	43.04 3.21 -0.17	40.84 3.10 -0.44	36.99 2.82 -0.56	35.90 2.75 -0.44	34.56 2.57 -0.64	33.87 2.53 -0.45	36.31 2.71 -0.52	40.17 3.06 -0.18	44.26 3.48 -0.28	54.03 3.80 -5.02	61.86 4.56 -2.35	61.41 4.13 -8.71	51.81 3.71 -3.87	42.16 3.23 0.00	38.22 2.83 0.00
CE_MILLWOOD___DRP 24193	35.38 2.31 0.00	34.54 2.20 0.00	34.66 2.18 0.00	34.18 2.12 0.00	35.75 2.21 0.00	38.64 2.43 0.00	50.88 3.23 -0.13	56.94 3.97 0.00	52.76 3.51 -3.73	42.89 3.09 -0.14	40.65 2.98 -0.35	36.77 2.72 -0.45	35.71 2.65 -0.35	34.34 2.48 -0.51	33.69 2.44 -0.36	36.11 2.61 -0.42	40.03 2.95 -0.14	44.08 3.36 -0.23	53.93 3.71 -5.01	61.67 4.45 -2.28	61.07 3.98 -8.52	51.71 3.63 -3.87	42.04 3.11 0.00	38.11 2.72 0.00
CE_NYC2_DRP 24202	44.08 2.91 -8.10	38.48 2.78 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.74 3.90 -6.32	62.98 4.71 -5.30	72.23 4.28 -22.43	71.78 3.77 -28.35	57.83 3.62 -16.90	58.56 3.33 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.64 3.93 -66.22	103.21 4.34 -53.66	103.86 5.16 -43.76	95.90 4.66 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
CE_NYC_DRP 24195	43.97 2.81 -8.10	38.35 2.65 -3.35	37.56 2.66 -2.42	34.66 2.60 0.00	36.26 2.65 -0.07	39.18 2.97 0.00	56.51 3.99 -5.00	63.07 4.82 -5.28	72.18 4.23 -22.42	70.40 3.77 -26.98	54.26 3.58 -13.37	54.00 3.29 -17.10	53.50 3.21 -17.58	53.78 2.98 -19.45	54.04 2.97 -20.19	67.44 3.14 -31.22	70.21 3.58 -29.70	108.53 4.09 -63.94	103.28 4.43 -53.64	101.09 5.33 -40.82	88.75 4.81 -35.38	65.11 4.29 -16.60	58.04 3.74 -15.38	55.06 3.29 -16.38
CHAFFEE___LFGE 323603	30.58 -2.48 0.00	30.05 -2.30 0.00	29.88 -2.60 0.00	29.43 -2.63 0.00	31.03 -2.52 0.00	33.67 -2.54 0.00	44.10 -3.42 0.00	49.10 -3.86 0.00	40.95 -5.01 -0.44	37.28 -2.38 0.00	35.18 -2.13 0.00	31.85 -1.75 0.00	30.85 -1.86 0.00	29.75 -1.60 0.00	29.10 -1.79 0.00	31.29 -1.79 0.00	34.90 -2.03 0.00	37.78 -2.71 0.00	41.25 -4.93 -0.96	49.45 -5.88 -0.38	44.75 -4.71 -0.89	40.50 -4.46 -0.74	36.94 -1.98 0.00	33.23 -2.16 0.00
CHATEAUG_35_KV_LOAD 355732	32.37 -0.69 0.00	31.54 -0.81 0.00	31.64 -0.84 0.00	31.20 -0.87 0.00	32.67 -0.87 0.00	35.41 -0.80 0.00	46.43 -1.09 0.00	51.69 -1.27 0.00	44.25 -1.27 0.00	38.31 -1.35 0.00	35.59 -1.72 0.00	31.65 -1.95 0.00	-8.43 -1.90 39.24	-8.38 -1.88 37.85	-8.33 -1.79 37.43	-8.41 -1.92 39.56	-9.91 -2.10 44.74	-9.87 -2.11 48.26	-9.85 -2.35 52.71	-9.78 -2.80 61.92	43.88 -2.53 2.16	-9.85 -2.34 51.73	-9.87 -2.02 46.77	-9.81 -1.77 43.43
CHATEAUG_WT_PWR 323614	32.40 -0.66 0.00	31.57 -0.78 0.00	31.67 -0.81 0.00	31.26 -0.80 0.00	32.67 -0.87 0.00	35.41 -0.80 0.00	46.48 -1.05 0.00	51.75 -1.22 0.00	44.48 -1.05 0.00	38.35 -1.31 0.00	35.67 -1.64 0.00	31.72 -1.88 0.00	-7.00 -1.83 37.88	-7.00 -1.82 36.53	-7.00 -1.76 36.13	-7.00 -1.88 38.19	-6.81 -2.07 41.67	-6.91 -2.11 45.29	-6.54 -2.35 49.40	-6.57 -2.86 58.66	43.84 -2.53 2.20	-6.32 -2.35 48.19	-6.67 -2.03 43.57	-6.87 -1.80 40.45
CHAT_HIGH_FALL_HYD 323578	32.37 -0.69 0.00	31.54 -0.81 0.00	31.64 -0.84 0.00	31.20 -0.87 0.00	32.67 -0.87 0.00	35.41 -0.80 0.00	46.43 -1.09 0.00	51.69 -1.27 0.00	44.25 -1.27 0.00	38.31 -1.35 0.00	35.59 -1.72 0.00	31.65 -1.95 0.00	-8.43 -1.90 39.24	-8.38 -1.88 37.85	-8.33 -1.79 37.43	-8.41 -1.92 39.56	-9.91 -2.10 44.74	-9.87 -2.11 48.26	-9.85 -2.35 52.71	-9.78 -2.80 61.92	43.88 -2.53 2.16	-9.85 -2.34 51.73	-9.87 -2.02 46.77	-9.81 -1.77 43.43
CHAUTAUQUA___LFGE 323629	30.65 -2.41 0.00	30.12 -2.23 0.00	29.95 -2.53 0.00	29.43 -2.63 0.00	30.99 -2.55 0.00	33.64 -2.57 0.00	44.01 -3.52 0.00	48.62 -4.34 0.00	40.83 -4.64 0.04	37.12 -2.54 0.00	35.00 -2.31 0.00	31.69 -1.91 0.00	30.65 -2.06 0.00	29.57 -1.79 0.00	28.88 -2.01 0.00	31.06 -2.02 0.00	34.60 -2.33 0.00	37.33 -3.16 0.00	41.80 -4.30 -0.89	50.30 -5.00 -0.35	44.29 -4.13 0.15	41.19 -3.71 -0.68	36.67 -2.26 0.00	33.02 -2.37 0.00
CHERRYST_13_KV_LD 356241	44.04 2.88 -8.10	38.44 2.75 -3.35	37.62 2.73 -2.42	34.72 2.66 0.00	36.33 2.72 -0.07	39.29 3.08 0.00	56.69 4.13 -5.04	63.23 4.98 -5.28	72.31 4.37 -22.42	70.56 3.89 -27.02	54.47 3.69 -13.47	54.23 3.39 -17.23	53.70 3.30 -17.69	54.05 3.10 -19.60	54.24 3.06 -20.29	67.69 3.27 -31.34	70.36 3.69 -29.74	108.71 4.21 -64.01	103.41 4.57 -53.64	101.34 5.49 -40.90	89.11 4.95 -35.59	65.20 4.38 -16.60	58.16 3.85 -15.38	55.17 3.40 -16.38

CHESTROR_138KV_BK263 355645	34.78 1.72 0.00	34.03 1.68 0.00	34.10 1.62 0.00	33.67 1.60 0.00	35.19 1.64 0.00	38.02 1.81 0.00	49.95 2.42 0.00	55.99 3.02 0.00	51.69 2.73 -3.43	42.04 2.38 0.00	39.58 2.28 0.00	35.68 2.08 0.00	34.74 2.03 0.00	33.26 1.91 0.00	32.77 1.88 0.00	35.09 2.02 0.00	39.22 2.29 0.00	43.13 2.63 0.00	52.72 2.89 -4.61	60.23 3.46 -1.83	58.85 3.11 -7.18	50.57 2.79 -3.56	41.34 2.41 0.00	37.51 2.12 0.00
CH_MIDHUDSON___DRP 24192	35.15 2.08 0.00	34.35 2.01 0.00	34.46 1.98 0.00	34.02 1.96 0.00	35.55 2.01 0.00	38.38 2.17 0.00	50.42 2.90 0.00	56.57 3.60 0.00	52.48 3.19 -3.78	42.44 2.78 0.00	39.96 2.65 0.00	36.02 2.42 0.00	35.07 2.36 0.00	33.58 2.23 0.00	33.11 2.22 0.00	35.42 2.35 0.00	39.59 2.66 0.00	43.49 3.00 0.00	53.59 3.30 -5.08	60.97 4.01 -2.01	60.01 3.55 -7.90	51.33 3.18 -3.92	41.69 2.76 0.00	37.83 2.44 0.00
CH_MISC_IPPS 23765	35.21 2.15 0.00	34.45 2.10 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.46 2.25 0.00	50.57 3.04 0.00	56.67 3.71 0.00	52.51 3.28 -3.71	42.48 2.82 0.00	40.03 2.72 0.00	36.09 2.49 0.00	35.13 2.42 0.00	33.64 2.29 0.00	33.17 2.29 0.00	35.49 2.41 0.00	39.66 2.73 0.00	43.65 3.16 0.00	53.64 3.43 -5.00	61.15 4.23 -1.98	60.02 3.69 -7.76	51.39 3.32 -3.85	41.76 2.84 0.00	37.94 2.55 0.00
CH_RES_BVR_FALLS 23983	32.34 -0.73 0.00	31.64 -0.71 0.00	31.80 -0.68 0.00	31.39 -0.67 0.00	32.80 -0.74 0.00	35.41 -0.80 0.00	46.34 -1.19 0.00	51.64 -1.32 0.00	44.43 -1.09 0.00	38.51 -1.15 0.00	36.08 -1.23 0.00	32.42 -1.18 0.00	31.53 -1.18 0.00	30.19 -1.16 0.00	29.78 -1.11 0.00	31.85 -1.22 0.00	35.60 -1.33 0.00	33.17 -1.26 6.07	38.35 -1.40 5.46	35.55 -1.70 17.69	43.63 -1.51 3.43	42.57 -1.37 0.28	37.72 -1.21 0.00	34.33 -1.06 0.00
CH_RES_NIAGARA 23895	29.26 -3.80 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.22 -3.85 0.00	29.62 -3.92 0.00	32.12 -4.09 0.00	41.77 -5.75 0.00	45.92 -7.04 0.00	39.92 -5.42 0.18	34.98 -4.68 0.00	33.58 -3.73 0.00	30.64 -2.96 0.00	29.73 -2.98 0.00	28.69 -2.66 0.00	28.08 -2.81 0.00	30.20 -2.88 0.00	33.57 -3.36 0.00	35.84 -4.66 0.00	40.65 -5.33 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.64 -3.75 0.00
CH_RES_SYRACUSE 23985	32.73 -0.33 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.74 -0.32 0.00	33.27 -0.27 0.00	35.96 -0.25 0.00	47.29 -0.24 0.00	52.54 -0.43 0.00	45.49 -0.41 -0.38	39.38 -0.28 0.00	37.09 -0.22 0.00	33.43 -0.17 0.00	32.52 -0.20 0.00	31.23 -0.12 0.00	30.73 -0.15 0.00	33.04 -0.03 0.00	36.85 -0.07 0.00	40.21 -0.28 0.00	45.40 -0.31 -0.51	54.82 -0.33 -0.20	49.02 -0.34 -0.79	44.31 -0.31 -0.39	38.61 -0.31 0.00	35.14 -0.25 0.00
CLINTON_WT_PWR 323605	32.40 -0.66 0.00	31.57 -0.78 0.00	31.67 -0.81 0.00	31.26 -0.80 0.00	32.67 -0.87 0.00	35.41 -0.80 0.00	46.48 -1.05 0.00	51.75 -1.22 0.00	44.48 -1.05 0.00	38.35 -1.31 0.00	35.67 -1.64 0.00	31.72 -1.88 0.00	-7.00 -1.83 37.88	-7.00 -1.82 36.53	-7.00 -1.76 36.13	-7.00 -1.88 38.19	-6.81 -2.07 41.67	-6.91 -2.11 45.29	-6.54 -2.35 49.40	-6.57 -2.86 58.66	43.84 -2.53 2.20	-6.32 -2.35 48.19	-6.67 -2.03 43.57	-6.87 -1.80 40.45
CLINTON___LFGE 323618	32.63 -0.43 0.00	31.77 -0.58 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.90 -0.64 0.00	35.70 -0.51 0.00	46.90 -0.62 0.00	52.28 -0.69 0.00	44.84 -0.68 0.00	38.67 -0.99 0.00	35.93 -1.38 0.00	32.09 -1.51 0.00	-7.47 -1.28 38.91	-7.49 -1.32 37.53	-7.46 -1.24 37.11	-7.48 -1.32 39.23	-7.32 -1.44 42.80	-7.23 -1.34 46.39	-6.96 -1.54 50.63	-6.76 -1.81 59.89	44.72 -1.65 2.19	-6.78 -1.50 49.50	-7.19 -1.36 44.75	-7.37 -1.20 41.55
COBBLENY_34_KV_TB1 80064	30.55 -2.51 0.00	30.05 -2.30 0.00	29.91 -2.57 0.00	29.53 -2.53 0.00	31.03 -2.52 0.00	33.64 -2.57 0.00	44.15 -3.37 0.00	49.05 -3.92 0.00	41.68 -4.28 -0.44	36.92 -2.74 0.00	35.07 -2.24 0.00	31.89 -1.71 0.00	30.85 -1.86 0.00	29.75 -1.60 0.00	29.10 -1.79 0.00	31.29 -1.79 0.00	34.90 -2.03 0.00	37.78 -2.71 0.00	41.24 -4.93 -0.96	49.45 -5.88 -0.38	44.85 -4.61 -0.89	40.50 -4.47 -0.74	36.98 -1.95 0.00	33.12 -2.26 0.00
COFFEEN___115KV_TB3 355620	32.70 -0.36 0.00	31.99 -0.36 0.00	32.09 -0.39 0.00	31.74 -0.32 0.00	33.17 -0.37 0.00	36.14 -0.07 0.00	47.85 0.33 0.00	52.97 0.00 0.00	45.59 -0.14 -0.20	39.03 -0.63 0.00	36.49 -0.82 0.00	32.73 -0.87 0.00	33.39 -0.85 -1.53	31.92 -0.91 -1.48	31.49 -0.86 -1.46	33.86 -0.76 -1.55	37.88 -0.66 -1.62	41.09 -0.32 -0.92	46.51 -0.14 -1.44	55.24 0.33 0.03	48.99 0.39 -0.04	46.44 0.18 -2.04	40.65 0.04 -1.69	36.92 -0.04 -1.57
COLDSPRG_115KV_BK1 355956	30.95 -2.12 0.00	30.50 -1.84 0.00	30.30 -2.18 0.00	29.92 -2.15 0.00	31.43 -2.11 0.00	34.07 -2.14 0.00	44.72 -2.80 0.00	49.58 -3.39 0.00	42.27 -3.60 -0.34	37.28 -2.38 0.00	35.37 -1.94 0.00	32.16 -1.44 0.00	31.04 -1.67 0.00	30.00 -1.35 0.00	29.28 -1.61 0.00	31.49 -1.59 0.00	35.08 -1.85 0.00	37.94 -2.55 0.00	41.98 -4.16 -0.94	50.48 -4.84 -0.37	45.42 -3.84 -0.69	41.32 -3.63 -0.72	37.21 -1.71 0.00	33.34 -2.05 0.00
COLONIE_LFGE___ 323577	34.55 1.49 0.00	33.77 1.42 0.00	33.91 1.43 0.00	33.47 1.41 0.00	35.05 1.51 0.00	37.84 1.63 0.00	49.71 2.19 0.00	55.72 2.75 0.00	52.45 2.23 -4.70	41.45 1.79 0.00	38.99 1.68 0.00	35.15 1.55 0.00	34.18 1.47 0.00	32.79 1.44 0.00	32.28 1.39 0.00	34.57 1.49 0.00	38.63 1.70 0.00	42.60 2.10 0.00	53.85 2.39 -6.25	60.49 3.08 -2.47	60.98 2.72 -9.69	51.46 2.43 -4.81	41.03 2.10 0.00	37.19 1.80 0.00
COOPERNY_115KV_TB1 80082	34.32 1.26 0.00	33.54 1.20 0.00	33.68 1.20 0.00	33.25 1.19 0.00	34.75 1.21 0.00	37.51 1.30 0.00	49.28 1.76 0.00	55.24 2.28 0.00	50.47 2.14 -2.81	41.48 1.82 0.00	39.03 1.72 0.00	35.18 1.58 0.00	34.25 1.54 0.00	32.79 1.44 0.00	32.31 1.42 0.00	34.60 1.52 0.00	38.70 1.77 0.00	42.44 1.94 0.00	51.17 2.12 -3.84	59.02 2.58 -1.49	56.76 2.33 -5.86	49.21 2.08 -2.91	40.72 1.79 0.00	36.98 1.59 0.00
COPENHAGEN_WT_PWR 323753	32.57 -0.50 0.00	31.86 -0.48 0.00	31.96 -0.52 0.00	31.58 -0.48 0.00	33.04 -0.50 0.00	35.96 -0.25 0.00	47.52 0.00 0.00	52.65 -0.32 0.00	45.32 -0.41 -0.21	38.95 -0.71 0.00	36.41 -0.90 0.00	32.70 -0.91 0.00	33.21 -0.88 -1.39	31.78 -0.91 -1.34	31.35 -0.86 -1.32	33.68 -0.79 -1.40	37.68 -0.78 -1.53	40.84 -0.53 -0.88	46.19 -0.41 -1.39	54.82 -0.11 0.02	48.59 -0.05 -0.07	45.99 -0.18 -1.95	40.29 -0.23 -1.60	36.59 -0.28 -1.49
CORNELL_____ 23752	33.23 0.17 0.00	32.61 0.26 0.00	32.71 0.23 0.00	32.29 0.22 0.00	33.81 0.27 0.00	36.61 0.40 0.00	48.28 0.76 0.00	53.65 0.69 0.00	47.02 0.36 -1.14	39.94 0.28 0.00	37.57 0.26 0.00	33.87 0.27 0.00	32.94 0.23 0.00	31.60 0.25 0.00	31.10 0.22 0.00	33.41 0.33 0.00	37.30 0.37 0.00	40.94 0.45 0.00	46.87 0.54 -1.12	56.16 0.77 -0.44	51.59 0.63 -2.40	45.66 0.57 -0.87	39.43 0.51 0.00	35.78 0.39 0.00

CORONA__69_KV_TB1 355595	35.87 2.81 0.00	34.71 2.36 0.00	34.72 2.24 0.00	34.28 2.21 0.00	35.79 2.25 0.00	39.18 2.97 0.00	52.39 4.42 -0.45	58.05 5.08 0.00	53.18 3.91 -3.74	44.09 3.97 -0.47	42.29 3.73 -1.25	38.59 3.39 -1.59	37.27 3.30 -1.26	36.34 3.20 -1.79	35.32 3.18 -1.25	37.91 3.37 -1.47	41.23 3.80 -0.50	45.47 4.17 -0.81	54.80 4.57 -5.02	63.39 5.44 -3.01	63.83 4.91 -10.36	52.59 4.47 -3.90	42.97 4.05 0.01	38.71 3.33 0.00
CORTLAND__115KV_TB3 80093	33.10 0.03 0.00	32.44 0.10 0.00	32.54 0.06 0.00	32.13 0.06 0.00	33.64 0.10 0.00	36.39 0.18 0.00	47.95 0.43 0.00	53.28 0.32 0.00	46.42 0.23 -0.68	39.78 0.12 0.00	37.50 0.19 0.00	33.77 0.17 0.00	32.87 0.16 0.00	31.54 0.19 0.00	31.04 0.15 0.00	33.34 0.26 0.00	37.22 0.30 0.00	40.74 0.24 0.00	46.38 0.27 -0.90	55.69 0.38 -0.36	50.32 0.34 -1.41	45.19 0.27 -0.70	39.20 0.27 0.00	35.60 0.21 0.00
COXSACKIE__GT 23611	34.75 1.69 0.00	34.06 1.71 0.00	34.07 1.59 0.00	33.67 1.60 0.00	35.19 1.64 0.00	37.98 1.77 0.00	49.80 2.28 0.00	55.61 2.65 0.00	51.28 1.36 -4.39	41.45 1.79 0.00	38.65 1.34 0.00	34.74 1.14 0.00	33.79 1.08 0.00	32.42 1.07 0.00	31.94 1.05 0.00	34.23 1.16 0.00	38.41 1.48 0.00	42.76 2.27 0.00	52.91 1.94 -5.76	59.78 2.53 -2.31	59.72 2.09 -9.07	50.44 1.72 -4.50	40.95 2.02 0.00	37.30 1.91 0.00
CPV_VALLEY__CC1 323721	34.55 1.49 0.00	33.77 1.42 0.00	33.91 1.43 0.00	33.44 1.38 0.00	34.98 1.44 0.00	37.77 1.56 0.00	49.56 2.04 0.00	55.56 2.59 0.00	51.14 2.41 -3.21	41.76 2.10 0.00	39.36 2.05 0.00	35.48 1.88 0.00	34.54 1.83 0.00	33.04 1.69 0.00	32.59 1.70 0.00	34.86 1.78 0.00	38.99 2.07 0.00	42.88 2.39 0.00	52.11 2.58 -4.32	59.73 3.08 -1.71	58.05 2.77 -6.71	50.03 2.47 -3.33	41.06 2.14 0.00	37.26 1.87 0.00
CPV_VALLEY__CC2 323722	34.55 1.49 0.00	33.77 1.42 0.00	33.91 1.43 0.00	33.44 1.38 0.00	34.98 1.44 0.00	37.77 1.56 0.00	49.56 2.04 0.00	55.56 2.59 0.00	51.14 2.41 -3.21	41.76 2.10 0.00	39.36 2.05 0.00	35.48 1.88 0.00	34.54 1.83 0.00	33.04 1.69 0.00	32.59 1.70 0.00	34.86 1.78 0.00	38.99 2.07 0.00	42.88 2.39 0.00	52.11 2.58 -4.32	59.73 3.08 -1.71	58.05 2.77 -6.71	50.03 2.47 -3.33	41.06 2.14 0.00	37.26 1.87 0.00
CRESCENT__HYD 24018	34.55 1.49 0.00	33.77 1.42 0.00	33.91 1.43 0.00	33.47 1.41 0.00	35.05 1.51 0.00	37.84 1.63 0.00	49.71 2.19 0.00	55.72 2.75 0.00	52.45 2.23 -4.70	41.45 1.79 0.00	38.99 1.68 0.00	35.15 1.55 0.00	34.18 1.47 0.00	32.79 1.44 0.00	32.28 1.39 0.00	34.57 1.49 0.00	38.63 1.70 0.00	42.60 2.10 0.00	53.85 2.39 -6.25	60.49 3.08 -2.47	60.98 2.72 -9.69	51.46 2.43 -4.81	41.03 2.10 0.00	37.19 1.80 0.00
CRICKET__VALLEY_CC1 323756	35.01 1.95 0.00	34.19 1.84 0.00	34.30 1.82 0.00	33.89 1.83 0.00	35.42 1.88 0.00	38.20 1.99 0.00	50.18 2.66 0.00	56.30 3.34 0.00	52.34 2.92 -3.91	42.12 2.46 0.00	39.77 2.46 0.00	35.89 2.29 0.00	34.94 2.23 0.00	33.45 2.10 0.00	32.99 2.10 0.00	35.26 2.18 0.00	39.40 2.47 0.00	43.25 2.75 0.00	53.50 3.03 -5.26	60.60 3.57 -2.08	59.94 3.20 -8.17	51.19 2.92 -4.05	41.45 2.53 0.00	37.58 2.19 0.00
CRICKET__VALLEY_CC2 323757	35.01 1.95 0.00	34.19 1.84 0.00	34.30 1.82 0.00	33.89 1.83 0.00	35.42 1.88 0.00	38.20 1.99 0.00	50.18 2.66 0.00	56.30 3.34 0.00	52.34 2.92 -3.91	42.12 2.46 0.00	39.77 2.46 0.00	35.89 2.29 0.00	34.94 2.23 0.00	33.45 2.10 0.00	32.99 2.10 0.00	35.26 2.18 0.00	39.40 2.47 0.00	43.25 2.75 0.00	53.50 3.03 -5.26	60.60 3.57 -2.08	59.94 3.20 -8.17	51.19 2.92 -4.05	41.45 2.53 0.00	37.58 2.19 0.00
CRICKET__VALLEY_CC3 323758	35.01 1.95 0.00	34.19 1.84 0.00	34.30 1.82 0.00	33.89 1.83 0.00	35.42 1.88 0.00	38.20 1.99 0.00	50.18 2.66 0.00	56.30 3.34 0.00	52.34 2.92 -3.91	42.12 2.46 0.00	39.77 2.46 0.00	35.89 2.29 0.00	34.94 2.23 0.00	33.45 2.10 0.00	32.99 2.10 0.00	35.26 2.18 0.00	39.40 2.47 0.00	43.25 2.75 0.00	53.50 3.03 -5.26	60.60 3.57 -2.08	59.94 3.20 -8.17	51.19 2.92 -4.05	41.45 2.53 0.00	37.58 2.19 0.00
CRUCIBLE__METL_DRP 24180	32.73 -0.33 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.77 -0.29 0.00	33.27 -0.27 0.00	35.96 -0.25 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.54 -0.36 -0.38	39.30 -0.36 0.00	37.05 -0.26 0.00	33.43 -0.17 0.00	32.51 -0.20 0.00	31.23 -0.13 0.00	30.73 -0.15 0.00	33.04 -0.03 0.00	36.85 -0.07 0.00	40.21 -0.28 0.00	45.39 -0.32 -0.50	54.82 -0.33 -0.20	49.02 -0.34 -0.79	44.30 -0.31 -0.39	38.61 -0.31 0.00	35.11 -0.28 0.00
DAHOWA__HYDRO 323763	34.81 1.75 0.00	34.06 1.71 0.00	34.17 1.69 0.00	33.79 1.73 0.00	35.35 1.81 0.00	38.20 1.99 0.00	50.71 3.18 0.00	56.94 3.97 0.00	53.30 3.05 -4.73	41.92 2.26 0.00	39.36 2.05 0.00	35.45 1.85 0.00	34.44 1.73 0.00	33.11 1.75 0.00	32.52 1.64 0.00	34.83 1.75 0.00	38.99 2.07 0.00	43.09 2.59 0.00	54.54 3.03 -6.31	61.67 4.23 -2.49	62.09 3.74 -9.78	52.35 3.27 -4.85	41.69 2.76 0.00	37.76 2.37 0.00
DANC__LFGE 323619	32.43 -0.63 0.00	31.77 -0.58 0.00	31.86 -0.62 0.00	31.49 -0.58 0.00	32.94 -0.60 0.00	35.74 -0.47 0.00	47.09 -0.43 0.00	52.22 -0.74 0.00	45.03 -0.73 -0.24	38.83 -0.83 0.00	36.45 -0.86 0.00	32.76 -0.84 0.00	32.82 -0.82 -0.93	31.43 -0.82 -0.90	30.97 -0.80 -0.89	33.25 -0.76 -0.94	37.15 -0.81 -1.03	40.33 -0.77 -0.61	45.62 -0.68 -1.08	54.42 -0.60 -0.08	48.35 -0.49 -0.27	45.15 -0.49 -1.42	39.50 -0.51 -1.08	35.93 -0.46 -1.00
DANSKAMMER__1 23586	35.21 2.15 0.00	34.45 2.10 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.46 2.25 0.00	50.57 3.04 0.00	56.67 3.71 0.00	52.51 3.28 -3.71	42.48 2.82 0.00	40.03 2.72 0.00	36.09 2.49 0.00	35.13 2.42 0.00	33.64 2.29 0.00	33.17 2.29 0.00	35.49 2.41 0.00	39.66 2.73 0.00	43.65 3.16 0.00	53.64 3.43 -5.00	61.15 4.23 -1.98	60.02 3.69 -7.76	51.39 3.32 -3.85	41.76 2.84 0.00	37.94 2.55 0.00
DANSKAMMER__2 23589	35.21 2.15 0.00	34.45 2.10 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.46 2.25 0.00	50.57 3.04 0.00	56.67 3.71 0.00	52.51 3.28 -3.71	42.48 2.82 0.00	40.03 2.72 0.00	36.09 2.49 0.00	35.13 2.42 0.00	33.64 2.29 0.00	33.17 2.29 0.00	35.49 2.41 0.00	39.66 2.73 0.00	43.65 3.16 0.00	53.64 3.43 -5.00	61.15 4.23 -1.98	60.02 3.69 -7.76	51.39 3.32 -3.85	41.76 2.84 0.00	37.94 2.55 0.00
DANSKAMMER__3 23590	35.21 2.15 0.00	34.45 2.10 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.46 2.25 0.00	50.57 3.04 0.00	56.67 3.71 0.00	52.51 3.28 -3.71	42.48 2.82 0.00	40.03 2.72 0.00	36.09 2.49 0.00	35.13 2.42 0.00	33.64 2.29 0.00	33.17 2.29 0.00	35.49 2.41 0.00	39.66 2.73 0.00	43.65 3.16 0.00	53.64 3.43 -5.00	61.15 4.23 -1.98	60.02 3.69 -7.76	51.39 3.32 -3.85	41.76 2.84 0.00	37.94 2.55 0.00

DANSKAMMER___4 23591	35.21 2.15 0.00	34.45 2.10 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.46 2.25 0.00	50.57 3.04 0.00	56.67 3.71 0.00	52.51 3.28 -3.71	42.48 2.82 0.00	40.03 2.72 0.00	36.09 2.49 0.00	35.13 2.42 0.00	33.64 2.29 0.00	33.17 2.29 0.00	35.49 2.41 0.00	39.66 2.73 0.00	43.65 3.16 0.00	53.64 3.43 -5.00	61.15 4.23 -1.98	60.02 3.69 -7.76	51.39 3.32 -3.85	41.76 2.84 0.00	37.94 2.55 0.00
DANSKAMMER___DIESEL 23592	35.21 2.15 0.00	34.45 2.10 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.45 2.24 0.00	50.56 3.04 0.00	56.67 3.71 0.00	52.56 3.32 -3.71	42.56 2.90 0.00	40.03 2.72 0.00	36.09 2.49 0.00	35.13 2.42 0.00	33.64 2.29 0.00	33.17 2.29 0.00	35.49 2.41 0.00	39.66 2.73 0.00	43.65 3.16 0.00	53.64 3.44 -4.99	61.15 4.23 -1.98	60.07 3.74 -7.76	51.39 3.32 -3.85	41.77 2.84 0.00	37.94 2.55 0.00
DARBY___SOLAR 323810	34.78 1.72 0.00	34.03 1.68 0.00	34.17 1.69 0.00	33.76 1.70 0.00	35.32 1.78 0.00	38.16 1.95 0.00	50.57 3.04 0.00	56.73 3.76 0.00	53.17 2.92 -4.73	41.84 2.18 0.00	39.25 1.94 0.00	35.38 1.78 0.00	34.41 1.70 0.00	33.04 1.69 0.00	32.46 1.57 0.00	34.79 1.72 0.00	38.96 2.03 0.00	43.00 2.51 0.00	54.45 2.94 -6.30	61.50 4.07 -2.49	61.93 3.59 -9.77	52.21 3.14 -4.85	41.57 2.65 0.00	37.66 2.27 0.00
DASHVILLE___HYD 23610	34.95 1.88 0.00	34.19 1.84 0.00	34.30 1.82 0.00	33.86 1.80 0.00	35.35 1.81 0.00	38.13 1.92 0.00	50.14 2.61 0.00	56.09 3.13 0.00	51.63 2.28 -3.83	42.04 2.38 0.00	39.55 2.24 0.00	35.65 2.05 0.00	34.71 2.00 0.00	33.23 1.88 0.00	32.77 1.88 0.00	35.06 1.98 0.00	39.22 2.29 0.00	43.17 2.67 0.00	52.74 2.40 -5.14	59.88 2.91 -2.03	59.10 2.57 -7.96	50.47 2.30 -3.95	41.38 2.45 0.00	37.65 2.26 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.21 2.15 0.00	33.90 1.55 0.00	33.88 1.40 0.00	33.67 1.60 0.00	35.39 1.84 0.00	39.18 2.97 0.00	52.11 4.37 -0.21	58.15 5.19 0.00	53.09 3.82 -3.74	43.41 3.53 -0.22	41.11 3.21 -0.60	37.35 2.99 -0.76	36.06 2.75 -0.60	34.61 2.41 -0.85	33.83 2.35 -0.60	36.22 2.45 -0.70	40.00 2.84 -0.23	44.32 3.44 -0.39	54.35 4.11 -5.02	61.81 4.40 -2.47	61.68 4.08 -9.03	52.00 3.89 -3.89	42.03 3.11 0.01	37.97 2.58 0.00
DELAWARE___LFGE 323621	34.09 1.02 0.00	33.41 1.07 0.00	33.55 1.07 0.00	33.15 1.09 0.00	34.65 1.11 0.00	37.40 1.19 0.00	49.23 2.01 0.00	54.98 1.71 0.00	48.92 1.78 -1.63	41.13 1.47 0.00	38.69 1.38 0.00	34.88 1.28 0.00	33.99 1.28 0.00	32.54 1.19 0.00	32.03 1.14 0.00	34.33 1.26 0.00	38.33 1.40 0.00	42.11 1.62 0.00	49.11 1.72 -2.18	57.90 2.09 -0.86	53.85 1.89 -3.39	47.63 1.72 -1.68	40.48 1.56 0.00	36.73 1.34 0.00
DERFIELD_115KV_TB7 355931	33.26 0.20 0.00	32.54 0.19 0.00	32.67 0.19 0.00	32.26 0.19 0.00	33.74 0.20 0.00	36.43 0.22 0.00	47.85 0.33 0.00	53.34 0.37 0.00	45.84 0.32 0.00	39.94 0.28 0.00	37.53 0.22 0.00	33.84 0.24 0.00	32.94 0.23 0.00	31.57 0.22 0.00	31.10 0.22 0.00	33.27 0.20 0.00	37.19 0.26 0.00	41.12 0.32 -0.30	45.85 0.36 -0.28	56.28 0.44 -0.90	49.13 0.39 -0.17	44.59 0.35 -0.01	39.20 0.27 0.00	35.64 0.25 0.00
DOGLEVILLE___HYD 23807	32.04 -1.03 0.00	31.38 -0.97 0.00	31.47 -1.01 0.00	31.04 -1.03 0.00	32.20 -1.34 0.00	34.72 -1.49 0.00	45.76 -1.76 0.00	51.22 -1.75 0.00	44.06 -1.46 0.00	38.07 -1.59 0.00	35.52 -1.79 0.00	31.85 -1.75 0.00	31.01 -1.70 0.00	29.69 -1.66 0.00	29.16 -1.73 0.00	31.12 -1.95 0.00	34.67 -2.25 0.00	38.49 -2.31 -0.30	42.95 -2.53 -0.28	52.77 -3.08 -0.90	46.02 -2.72 -0.17	41.72 -2.52 -0.01	36.55 -2.38 0.00	33.23 -2.16 0.00
DUNKIRK___115KV_TB_200 55889	30.65 -2.41 0.00	30.15 -2.20 0.00	29.98 -2.50 0.00	29.59 -2.47 0.00	31.06 -2.48 0.00	33.67 -2.53 0.00	44.05 -3.47 0.00	48.68 -4.29 0.00	41.41 -4.05 0.06	36.73 -2.93 0.00	34.92 -2.39 0.00	31.75 -1.85 0.00	30.72 -2.00 0.00	29.63 -1.72 0.00	28.97 -1.92 0.00	31.16 -1.92 0.00	34.71 -2.22 0.00	37.46 -3.04 0.00	41.93 -4.16 -0.88	50.40 -4.89 -0.35	44.41 -3.98 0.18	41.28 -3.63 -0.68	36.78 -2.14 0.00	32.98 -2.41 0.00
DUNKIRK___1 23563	30.65 -2.41 0.00	30.15 -2.20 0.00	29.98 -2.50 0.00	29.59 -2.47 0.00	31.06 -2.48 0.00	33.67 -2.53 0.00	44.05 -3.47 0.00	48.68 -4.29 0.00	41.41 -4.05 0.06	36.73 -2.93 0.00	34.92 -2.39 0.00	31.75 -1.85 0.00	30.72 -2.00 0.00	29.63 -1.72 0.00	28.97 -1.92 0.00	31.16 -1.92 0.00	34.71 -2.22 0.00	37.46 -3.04 0.00	41.93 -4.16 -0.88	50.40 -4.89 -0.35	44.41 -3.98 0.18	41.28 -3.63 -0.68	36.78 -2.14 0.00	32.98 -2.41 0.00
DUNKIRK___2 23564	30.65 -2.41 0.00	30.15 -2.20 0.00	29.98 -2.50 0.00	29.59 -2.47 0.00	31.06 -2.48 0.00	33.67 -2.53 0.00	44.05 -3.47 0.00	48.68 -4.29 0.00	41.41 -4.05 0.06	36.73 -2.93 0.00	34.92 -2.39 0.00	31.75 -1.85 0.00	30.72 -2.00 0.00	29.63 -1.72 0.00	28.97 -1.92 0.00	31.16 -1.92 0.00	34.71 -2.22 0.00	37.46 -3.04 0.00	41.93 -4.16 -0.88	50.40 -4.89 -0.35	44.41 -3.98 0.18	41.28 -3.63 -0.68	36.78 -2.14 0.00	32.98 -2.41 0.00
DUNKIRK___3 23565	30.55 -2.51 0.00	30.08 -2.26 0.00	29.91 -2.57 0.00	29.53 -2.53 0.00	30.99 -2.55 0.00	33.60 -2.61 0.00	43.96 -3.56 0.00	48.57 -4.40 0.00	41.35 -4.10 0.08	36.65 -3.01 0.00	34.88 -2.43 0.00	31.72 -1.88 0.00	30.72 -2.00 0.00	29.63 -1.72 0.00	28.97 -1.92 0.00	31.16 -1.92 0.00	34.71 -2.22 0.00	37.46 -3.04 0.00	41.89 -4.20 -0.88	50.35 -4.94 -0.35	44.32 -4.03 0.22	41.23 -3.67 -0.68	36.75 -2.18 0.00	32.95 -2.44 0.00
DUNKIRK___4 23566	30.55 -2.51 0.00	30.08 -2.26 0.00	29.91 -2.57 0.00	29.53 -2.53 0.00	30.99 -2.55 0.00	33.60 -2.61 0.00	43.96 -3.56 0.00	48.57 -4.40 0.00	41.35 -4.10 0.08	36.65 -3.01 0.00	34.88 -2.43 0.00	31.72 -1.88 0.00	30.72 -2.00 0.00	29.63 -1.72 0.00	28.97 -1.92 0.00	31.16 -1.92 0.00	34.71 -2.22 0.00	37.46 -3.04 0.00	41.89 -4.20 -0.88	50.35 -4.94 -0.35	44.32 -4.03 0.22	41.23 -3.67 -0.68	36.75 -2.18 0.00	32.95 -2.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.61 2.55 0.00	34.74 2.39 0.00	34.85 2.37 0.00	34.37 2.31 0.00	35.92 2.38 0.00	38.89 2.68 0.00	51.04 3.52 0.00	57.31 4.34 0.00	53.09 3.82 -3.74	43.03 3.37 0.00	40.55 3.25 0.00	36.56 2.96 0.00	35.59 2.88 0.00	34.05 2.70 0.00	33.54 2.66 0.00	35.92 2.84 0.00	40.14 3.21 0.00	44.14 3.64 0.00	54.22 3.98 -5.03	61.72 4.78 -1.99	60.71 4.32 -7.82	51.99 3.89 -3.88	42.31 3.39 0.00	38.36 2.97 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.98 1.92 0.00	34.22 1.88 0.00	34.30 1.82 0.00	33.86 1.80 0.00	35.39 1.84 0.00	38.24 2.03 0.00	50.23 2.71 0.00	56.30 3.34 0.00	52.12 3.00 -3.59	42.28 2.62 0.00	39.77 2.46 0.00	35.89 2.28 0.00	34.94 2.22 0.00	33.42 2.07 0.00	32.96 2.07 0.00	35.26 2.18 0.00	39.44 2.51 0.00	43.37 2.88 0.00	53.20 3.16 -4.83	60.70 3.85 -1.91	59.47 3.40 -7.51	51.00 3.05 -3.72	41.53 2.61 0.00	37.72 2.34 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.94 2.78 -8.10	38.32 2.62 -3.35	37.50 2.60 -2.42	34.70 2.63 -0.01	36.27 2.65 -0.07	39.19 2.97 -0.01	57.50 3.66 -6.32	62.77 4.50 -5.30	72.10 4.14 -22.43	71.58 3.57 -28.35	55.17 3.47 -14.39	55.17 3.16 -18.41	54.37 3.04 -18.61	55.14 2.85 -20.93	54.97 2.84 -21.24	68.52 3.01 -32.44	71.51 3.43 -31.15	110.48 3.77 -66.22	102.98 4.11 -53.66	103.65 4.94 -43.76	95.66 4.42 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.89 3.11 -16.39
E179THST_13_KV_LOAD 356214	44.08 2.91 -8.10	38.45 2.75 -3.35	37.63 2.73 -2.42	34.80 2.73 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.28 4.32 -22.43	71.74 3.73 -28.35	55.32 3.62 -14.39	55.30 3.29 -18.41	54.50 3.17 -18.61	55.30 3.01 -20.93	55.12 3.00 -21.24	68.66 3.14 -32.44	71.66 3.58 -31.15	110.64 3.93 -66.22	103.21 4.34 -53.66	103.92 5.22 -43.76	95.90 4.66 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.00 3.22 -16.39
EAST HAMPTON___GT 23717	34.75 1.69 0.00	33.61 1.26 0.00	33.52 1.04 0.00	33.41 1.35 0.00	35.12 1.58 0.00	38.89 2.68 0.00	51.82 4.09 -0.21	57.14 4.18 0.00	52.91 3.64 -3.74	43.21 3.33 -0.22	40.85 2.95 -0.60	37.12 2.76 -0.76	35.73 2.42 -0.60	34.18 1.98 -0.85	33.37 1.88 -0.60	35.72 1.95 -0.70	39.41 2.25 -0.23	43.84 2.95 -0.39	53.68 3.43 -5.04	61.16 3.74 -2.47	61.00 3.40 -9.03	51.30 3.19 -3.89	41.45 2.53 0.00	37.51 2.12 0.00
EAST RIVER___6 23660	43.97 2.81 -8.10	38.41 2.72 -3.35	37.56 2.66 -2.42	34.66 2.60 0.00	36.30 2.68 -0.07	39.21 3.00 0.00	56.72 4.04 -5.16	63.12 4.87 -5.28	72.18 4.23 -22.42	70.53 3.73 -27.14	54.73 3.62 -13.80	54.59 3.33 -17.66	53.97 3.24 -18.02	54.44 3.01 -20.08	54.52 3.00 -20.63	68.02 3.21 -31.74	70.43 3.62 -29.88	108.89 4.17 -64.22	103.34 4.48 -53.65	101.56 5.44 -41.18	89.69 4.86 -36.27	65.16 4.34 -16.60	58.12 3.82 -15.38	55.10 3.33 -16.38
EAST RIVER___7 23524	43.97 2.81 -8.10	38.41 2.72 -3.35	37.56 2.66 -2.42	34.66 2.60 0.00	36.30 2.68 -0.07	39.21 3.00 0.00	56.72 4.04 -5.16	63.12 4.87 -5.28	72.18 4.23 -22.42	70.53 3.73 -27.14	54.73 3.62 -13.80	54.59 3.33 -17.66	53.97 3.24 -18.02	54.44 3.01 -20.08	54.52 3.00 -20.63	68.02 3.21 -31.74	70.43 3.62 -29.88	108.89 4.17 -64.22	103.34 4.48 -53.65	101.56 5.44 -41.18	89.69 4.86 -36.27	65.16 4.34 -16.60	58.12 3.82 -15.38	55.10 3.33 -16.38
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.48 2.41 0.00	34.61 2.26 0.00	34.75 2.27 0.00	34.28 2.21 0.00	35.82 2.28 0.00	38.74 2.53 0.00	51.01 3.33 -0.16	57.10 4.13 0.00	52.90 3.64 -3.74	43.04 3.21 -0.17	40.84 3.10 -0.44	36.99 2.82 -0.56	35.90 2.75 -0.44	34.56 2.57 -0.64	33.87 2.53 -0.45	36.31 2.71 -0.52	40.17 3.06 -0.18	44.26 3.48 -0.28	54.03 3.80 -5.02	61.86 4.56 -2.35	61.41 4.13 -8.71	51.81 3.71 -3.87	42.16 3.23 0.00	38.22 2.83 0.00
EAST_HAMPTON___DIESEL 23722	34.68 1.62 0.00	33.55 1.20 0.00	33.45 0.97 0.00	33.38 1.32 0.00	35.06 1.51 0.00	38.82 2.61 0.00	51.77 4.04 -0.21	57.10 4.13 0.00	52.86 3.60 -3.74	43.17 3.29 -0.22	40.78 2.87 -0.60	37.05 2.69 -0.76	35.67 2.36 -0.60	34.11 1.91 -0.85	33.31 1.82 -0.60	35.62 1.85 -0.70	39.30 2.14 -0.23	43.71 2.83 -0.39	53.54 3.30 -5.04	60.99 3.57 -2.47	60.85 3.25 -9.03	51.16 3.05 -3.89	41.33 2.41 0.00	37.44 2.05 0.00
EAST_POINT___SOLAR 323840	35.81 2.74 0.00	35.06 2.72 0.00	35.14 2.66 0.00	34.79 2.72 0.00	36.43 2.89 0.00	39.47 3.26 0.00	52.27 4.75 0.00	58.53 5.56 0.00	54.58 3.82 -5.24	41.88 2.22 0.00	38.88 1.57 0.00	34.68 1.07 0.00	34.54 1.83 0.00	33.14 1.79 0.00	32.71 1.82 0.00	35.09 2.02 0.00	39.22 2.29 0.00	43.61 3.12 0.00	56.00 3.80 -7.00	63.59 5.88 -2.77	64.62 5.20 -10.86	54.38 4.78 -5.38	42.82 3.89 0.00	38.71 3.33 0.00
EAST_PULASKI___ESR 323781	32.40 -0.66 0.00	31.77 -0.58 0.00	31.86 -0.62 0.00	31.42 -0.64 0.00	32.94 -0.60 0.00	35.59 -0.62 0.00	46.86 -0.67 0.00	51.96 -1.01 0.00	44.84 -0.96 -0.27	38.83 -0.83 0.00	36.52 -0.79 0.00	32.86 -0.74 0.00	31.99 -0.72 0.00	30.69 -0.66 0.00	30.21 -0.68 0.00	32.41 -0.66 0.00	36.19 -0.74 0.00	39.44 -0.85 0.20	44.54 -0.86 -0.19	53.58 -0.93 0.43	48.20 -0.83 -0.46	43.75 -0.75 -0.28	38.26 -0.66 0.00	34.79 -0.60 0.00
EAST_RIVER___1 323558	43.94 2.78 -8.10	38.38 2.68 -3.35	37.53 2.63 -2.42	34.63 2.57 0.00	36.26 2.65 -0.07	39.18 2.97 0.00	56.51 3.99 -5.00	63.07 4.82 -5.28	72.13 4.19 -22.42	70.33 3.69 -26.98	54.26 3.58 -13.37	54.00 3.29 -17.10	53.47 3.17 -17.58	53.78 2.98 -19.45	54.04 2.97 -20.19	67.44 3.14 -31.22	70.21 3.58 -29.70	108.53 4.09 -63.94	103.29 4.43 -53.65	101.15 5.39 -40.82	88.76 4.81 -35.38	65.11 4.29 -16.60	58.08 3.77 -15.38	55.06 3.29 -16.38
EAST_RIVER___2 323559	43.97 2.81 -8.10	38.41 2.72 -3.35	37.56 2.66 -2.42	34.66 2.60 0.00	36.30 2.68 -0.07	39.21 3.00 0.00	56.72 4.04 -5.16	63.12 4.87 -5.28	72.18 4.23 -22.42	70.53 3.73 -27.14	54.73 3.62 -13.80	54.59 3.33 -17.66	53.97 3.24 -18.02	54.44 3.01 -20.08	54.52 3.00 -20.63	68.02 3.21 -31.74	70.43 3.62 -29.88	108.89 4.17 -64.22	103.34 4.48 -53.65	101.56 5.44 -41.18	89.69 4.86 -36.27	65.16 4.34 -16.60	58.12 3.82 -15.38	55.10 3.33 -16.38
EAST___DELAWARE_HYD 23607	34.98 1.92 0.00	34.26 1.91 0.00	34.33 1.85 0.00	33.89 1.83 0.00	35.39 1.84 0.00	38.24 2.03 0.00	50.42 2.90 0.00	56.46 3.49 0.00	52.01 3.10 -3.39	42.24 2.58 0.00	39.73 2.42 0.00	35.82 2.22 0.00	34.87 2.16 0.00	33.39 2.04 0.00	32.93 2.04 0.00	35.26 2.18 0.00	39.44 2.51 0.00	43.45 2.95 0.00	52.97 3.21 -4.56	60.71 3.96 -1.80	59.15 3.50 -7.08	50.78 3.05 -3.51	41.57 2.65 0.00	37.76 2.37 0.00
EIGHT_POINT___WT_PWR 323820	30.81 -2.25 0.00	30.31 -2.04 0.00	30.40 -2.08 0.00	29.82 -2.25 0.00	31.36 -2.18 0.00	33.82 -2.39 0.00	44.38 -3.14 0.00	49.10 -3.86 0.00	44.68 -4.46 -3.62	36.37 -3.29 0.00	34.10 -3.21 0.00	30.85 -2.75 0.00	29.90 -2.81 0.00	28.81 -2.54 0.00	28.33 -2.56 0.00	30.50 -2.58 0.00	34.05 -2.88 0.00	37.17 -3.32 0.00	42.28 -3.98 -1.05	50.63 -4.73 -0.41	53.22 -3.11 -7.76	42.24 -2.78 -0.81	36.98 -1.95 0.00	33.41 -1.98 0.00
ELBRIDGE_115KV_TB2 80188	32.53 -0.53 0.00	31.93 -0.42 0.00	32.02 -0.45 0.00	31.58 -0.48 0.00	33.07 -0.47 0.00	35.77 -0.43 0.00	47.05 -0.48 0.00	52.22 -0.74 0.00	45.24 -0.68 -0.40	39.07 -0.59 0.00	36.82 -0.49 0.00	33.23 -0.37 0.00	32.32 -0.39 0.00	31.04 -0.31 0.00	30.55 -0.34 0.00	32.78 -0.30 0.00	36.56 -0.37 0.00	39.97 -0.53 0.00	45.15 -0.59 -0.53	54.50 -0.66 -0.21	48.77 -0.63 -0.84	44.06 -0.57 -0.42	38.42 -0.51 0.00	34.93 -0.46 0.00
ELEC_TRO_TEK 24086	35.68 2.61 0.00	34.55 2.20 0.00	34.56 2.08 0.00	34.12 2.05 0.00	35.63 2.08 0.00	39.00 2.79 0.00	52.19 4.23 -0.44	57.78 4.82 0.00	53.00 3.73 -3.74	43.88 3.77 -0.45	42.07 3.54 -1.21	38.38 3.23 -1.55	37.10 3.17 -1.22	36.13 3.04 -1.74	35.13 3.03 -1.22	37.71 3.21 -1.42	41.03 3.62 -0.48	45.25 3.97 -0.79	54.57 4.34 -5.02	63.09 5.16 -2.98	63.52 4.66 -10.29	52.32 4.20 -3.90	42.73 3.81 0.01	38.50 3.11 0.00

ELLENBURG_WT_PWR 323604	32.40 -0.66 0.00	31.57 -0.78 0.00	31.67 -0.81 0.00	31.26 -0.80 0.00	32.67 -0.87 0.00	35.41 -0.80 0.00	46.48 -1.05 0.00	51.75 -1.22 0.00	44.48 -1.05 0.00	38.35 -1.31 0.00	35.67 -1.64 0.00	31.72 -1.88 0.00	-7.00 -1.83 37.88	-7.00 -1.82 36.53	-7.00 -1.76 36.13	-7.00 -1.88 38.19	-6.81 -2.07 41.67	-6.91 -2.11 45.29	-6.54 -2.35 49.40	-6.57 -2.86 58.66	43.84 -2.53 2.20	-6.32 -2.35 48.19	-6.67 -2.03 43.57	-6.87 -1.80 40.45
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.99 -3.07 0.00	29.47 -2.88 0.00	29.30 -3.18 0.00	28.95 -3.11 0.00	30.39 -3.15 0.00	32.95 -3.26 0.00	42.96 -4.56 0.00	47.40 -5.56 0.00	40.66 -4.64 0.22	36.09 -3.57 0.00	34.47 -2.84 0.00	31.45 -2.15 0.00	30.45 -2.26 0.00	29.35 -2.01 0.00	28.70 -2.19 0.00	30.86 -2.22 0.00	34.34 -2.58 0.00	36.85 -3.64 0.00	41.50 -4.52 -0.82	49.88 -5.38 -0.32	43.52 -4.52 0.53	40.78 -4.07 -0.63	36.20 -2.72 0.00	32.42 -2.97 0.00
EMPIRE_CC_1 323656	34.62 1.55 0.00	33.80 1.46 0.00	33.97 1.49 0.00	33.54 1.48 0.00	35.09 1.54 0.00	37.84 1.63 0.00	48.66 1.14 0.00	54.50 1.54 0.00	51.23 1.05 -4.66	40.61 0.95 0.00	38.17 0.86 0.00	34.44 0.84 0.00	33.49 0.78 0.00	32.14 0.78 0.00	31.66 0.77 0.00	33.87 0.79 0.00	37.81 0.88 0.00	42.56 2.06 0.00	53.42 2.30 -5.90	60.02 2.75 -2.33	60.20 2.48 -9.16	51.02 2.25 -4.54	40.91 1.98 0.00	37.12 1.73 0.00
EMPIRE_CC_2 323658	34.62 1.55 0.00	33.80 1.46 0.00	33.97 1.49 0.00	33.54 1.48 0.00	35.09 1.54 0.00	37.84 1.63 0.00	48.66 1.14 0.00	54.50 1.54 0.00	51.23 1.05 -4.66	40.61 0.95 0.00	38.17 0.86 0.00	34.44 0.84 0.00	33.49 0.78 0.00	32.14 0.78 0.00	31.66 0.77 0.00	33.87 0.79 0.00	37.81 0.88 0.00	42.56 2.06 0.00	53.42 2.30 -5.90	60.02 2.75 -2.33	60.20 2.48 -9.16	51.02 2.25 -4.54	40.91 1.98 0.00	37.12 1.73 0.00
ENORWICH_115KV_TB1 80156	34.32 1.26 0.00	33.74 1.39 0.00	33.84 1.36 0.00	33.51 1.44 0.00	35.12 1.58 0.00	38.27 2.06 0.00	50.85 3.33 0.00	56.30 3.34 0.00	49.47 2.64 -1.31	41.45 1.78 0.00	38.84 1.53 0.00	34.91 1.31 0.00	34.02 1.31 0.00	32.48 1.13 0.00	31.91 1.02 0.00	34.40 1.32 0.00	38.55 1.62 0.00	42.64 2.15 0.00	49.16 2.40 -1.56	58.75 3.19 -0.62	54.12 2.82 -2.74	47.81 2.39 -1.20	40.95 2.02 0.00	37.12 1.73 0.00
ERIE_ST__34_KV_TB1-2 80199	30.32 -2.74 0.00	29.79 -2.56 0.00	29.62 -2.86 0.00	29.24 -2.82 0.00	30.72 -2.82 0.00	33.35 -2.86 0.00	43.62 -3.90 0.00	48.36 -4.61 0.00	40.94 -4.37 0.21	36.65 -3.01 0.00	34.96 -2.35 0.00	31.85 -1.75 0.00	30.81 -1.90 0.00	29.72 -1.63 0.00	29.07 -1.82 0.00	31.29 -1.79 0.00	34.86 -2.07 0.00	37.58 -2.92 0.00	41.41 -4.66 -0.86	49.74 -5.55 -0.34	43.60 -4.47 0.50	40.64 -4.25 -0.66	36.75 -2.18 0.00	32.88 -2.51 0.00
ERIE_WT_PWR 323693	30.22 -2.84 0.00	29.63 -2.72 0.00	29.46 -3.02 0.00	28.99 -3.08 0.00	30.56 -2.99 0.00	33.13 -3.08 0.00	43.24 -4.28 0.00	47.78 -5.19 0.00	40.09 -5.10 0.33	36.88 -2.78 0.00	34.77 -2.54 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.01 -3.48 0.00	41.58 -4.48 -0.85	49.95 -5.33 -0.33	43.38 -4.42 0.77	40.89 -3.98 -0.65	36.40 -2.53 0.00	32.73 -2.65 0.00
ESPRGFLD_115KV_TB1 80157	35.01 1.95 0.00	34.32 1.97 0.00	34.43 1.95 0.00	34.05 1.99 0.00	35.62 2.08 0.00	38.56 2.35 0.00	51.04 3.52 0.00	56.99 4.03 0.00	48.86 3.23 -0.10	42.00 2.34 0.00	39.36 2.05 0.00	35.31 1.71 0.00	34.61 1.90 0.00	33.14 1.79 0.00	32.62 1.73 0.00	34.99 1.92 0.00	39.11 2.18 0.00	43.17 2.67 0.00	48.39 3.03 -0.15	59.17 4.18 -0.04	52.48 3.74 -0.18	47.76 3.45 -0.09	41.84 2.92 0.00	37.87 2.48 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.20 0.13 0.00	32.57 0.23 0.00	32.67 0.19 0.00	32.26 0.19 0.00	33.78 0.23 0.00	36.57 0.36 0.00	48.23 0.71 0.00	53.55 0.58 0.00	46.92 0.32 -1.08	39.90 0.24 0.00	37.53 0.22 0.00	33.84 0.24 0.00	32.91 0.20 0.00	31.57 0.22 0.00	31.07 0.19 0.00	33.37 0.30 0.00	37.26 0.33 0.00	40.90 0.40 0.00	46.82 0.50 -1.12	56.05 0.66 -0.44	51.43 0.58 -2.28	45.62 0.53 -0.86	39.39 0.47 0.00	35.74 0.35 0.00
ETNA____115KV_TB2 80207	33.20 0.13 0.00	32.57 0.23 0.00	32.67 0.19 0.00	32.26 0.19 0.00	33.78 0.23 0.00	36.57 0.36 0.00	48.23 0.71 0.00	53.55 0.58 0.00	46.92 0.32 -1.08	39.90 0.24 0.00	37.53 0.22 0.00	33.84 0.24 0.00	32.91 0.20 0.00	31.57 0.22 0.00	31.07 0.19 0.00	33.37 0.30 0.00	37.26 0.33 0.00	40.90 0.40 0.00	46.82 0.50 -1.12	56.05 0.66 -0.44	51.43 0.58 -2.28	45.62 0.53 -0.86	39.39 0.47 0.00	35.74 0.35 0.00
EUCLID____115KV_TB2 356179	32.44 -0.63 0.00	31.80 -0.55 0.00	31.90 -0.58 0.00	31.49 -0.58 0.00	32.94 -0.60 0.00	35.59 -0.62 0.00	46.81 -0.71 0.00	51.96 -1.01 0.00	45.11 -0.73 -0.32	38.91 -0.75 0.00	36.71 -0.60 0.00	33.10 -0.50 0.00	32.22 -0.49 0.00	30.91 -0.44 0.00	30.46 -0.43 0.00	32.78 -0.30 0.00	36.56 -0.37 0.00	39.80 -0.69 0.00	44.85 -0.77 -0.41	54.23 -0.88 -0.17	48.40 -0.83 -0.66	43.80 -0.75 -0.33	38.26 -0.66 0.00	34.79 -0.60 0.00
E_CANADA_CAP_HY 24051	35.61 2.55 0.00	34.87 2.52 0.00	34.98 2.50 0.00	34.60 2.53 0.00	36.23 2.68 0.00	39.21 3.00 0.00	51.89 4.37 0.00	58.10 5.14 0.00	54.80 3.82 -5.45	42.28 2.62 0.00	39.47 2.16 0.00	35.35 1.75 0.00	34.71 2.00 0.00	33.30 1.94 0.00	32.80 1.92 0.00	35.19 2.12 0.00	39.29 2.37 0.00	43.53 3.04 0.00	56.16 3.66 -7.29	63.15 5.33 -2.88	64.59 4.71 -11.31	54.30 4.46 -5.61	42.62 3.70 0.00	38.54 3.15 0.00
E_CANADA_MHWK_HY 24050	32.04 -1.03 0.00	31.38 -0.97 0.00	31.47 -1.01 0.00	31.04 -1.03 0.00	32.20 -1.34 0.00	34.72 -1.49 0.00	45.76 -1.76 0.00	51.22 -1.75 0.00	44.06 -1.46 0.00	38.07 -1.59 0.00	35.52 -1.79 0.00	31.85 -1.75 0.00	31.01 -1.70 0.00	29.69 -1.66 0.00	29.16 -1.73 0.00	31.12 -1.95 0.00	34.67 -2.25 0.00	38.49 -2.31 -0.30	42.95 -2.53 -0.28	52.77 -3.08 -0.90	46.02 -2.72 -0.17	41.72 -2.52 -0.01	36.55 -2.38 0.00	33.23 -2.16 0.00
E_FISHKILL____LBMP 23776	35.11 2.05 0.00	34.32 1.97 0.00	34.43 1.95 0.00	33.99 1.92 0.00	35.52 1.98 0.00	38.38 2.17 0.00	50.37 2.85 0.00	56.51 3.55 0.00	52.46 3.14 -3.80	42.44 2.78 0.00	39.96 2.65 0.00	36.02 2.42 0.00	35.07 2.36 0.00	33.58 2.23 0.00	33.08 2.19 0.00	35.39 2.32 0.00	39.59 2.66 0.00	43.49 3.00 0.00	53.61 3.30 -5.10	60.87 3.90 -2.02	60.05 3.55 -7.94	51.34 3.18 -3.94	41.69 2.76 0.00	37.83 2.44 0.00
FALCON____SEABRD_CC1 323796	32.63 -0.43 0.00	31.80 -0.55 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.90 -0.64 0.00	35.67 -0.54 0.00	46.86 -0.67 0.00	52.17 -0.79 0.00	44.79 -0.73 0.00	38.67 -0.99 0.00	35.93 -1.38 0.00	32.16 -1.44 0.00	-7.21 -1.34 38.58	-7.20 -1.35 37.21	-7.17 -1.27 36.79	-7.21 -1.39 38.89	-7.06 -1.55 42.44	-7.04 -1.50 46.04	-6.75 -1.72 50.24	-6.54 -1.98 59.51	44.57 -1.80 2.20	-6.54 -1.68 49.08	-6.93 -1.48 44.37	-7.08 -1.27 41.20

FALCON___SEABRD_CC2 323797	32.63 -0.43 0.00	31.80 -0.55 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.90 -0.64 0.00	35.67 -0.54 0.00	46.86 -0.67 0.00	52.17 -0.79 0.00	44.79 -0.73 0.00	38.67 -0.99 0.00	35.93 -1.38 0.00	32.16 -1.44 0.00	-7.21 -1.34 38.58	-7.20 -1.35 37.21	-7.17 -1.27 36.79	-7.21 -1.39 38.89	-7.06 -1.55 42.44	-7.04 -1.50 46.04	-6.75 -1.72 50.24	-6.54 -1.98 59.51	44.57 -1.80 2.20	-6.54 -1.68 49.08	-6.93 -1.48 44.37	-7.08 -1.27 41.20
FAR ROCKAWAY___4 23548	36.07 3.01 0.00	34.91 2.56 0.00	34.88 2.40 0.00	34.40 2.34 0.00	35.96 2.42 0.00	39.40 3.19 0.00	52.67 4.75 -0.40	58.36 5.40 0.00	53.50 4.23 -3.74	44.36 4.28 -0.41	42.44 4.03 -1.11	38.68 3.66 -1.41	37.39 3.57 -1.11	36.35 3.42 -1.58	35.40 3.40 -1.11	37.98 3.61 -1.30	41.43 4.06 -0.44	45.71 4.49 -0.72	55.12 4.88 -5.02	63.71 5.88 -2.89	63.98 5.34 -10.07	52.94 4.82 -3.90	43.28 4.36 0.01	38.92 3.54 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.94 2.78 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.22 2.62 -0.07	39.18 2.97 0.00	56.84 3.94 -5.38	63.02 4.77 -5.29	72.14 4.19 -22.43	70.76 3.73 -27.37	55.23 3.54 -14.38	55.23 3.23 -18.40	54.46 3.14 -18.61	55.22 2.95 -20.93	55.05 2.93 -21.23	68.62 3.11 -32.43	70.59 3.54 -30.12	109.10 4.01 -64.60	103.24 4.39 -53.65	101.88 5.27 -41.66	90.80 4.76 -37.47	65.07 4.25 -16.60	58.05 3.74 -15.39	55.06 3.29 -16.38
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.97 2.81 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.22 2.62 -0.07	39.18 2.97 0.00	56.84 3.94 -5.38	63.02 4.77 -5.29	72.14 4.19 -22.43	70.76 3.73 -27.37	55.23 3.54 -14.38	55.23 3.23 -18.40	54.46 3.14 -18.61	55.22 2.95 -20.93	55.05 2.93 -21.23	68.62 3.11 -32.43	70.59 3.54 -30.12	109.10 4.01 -64.60	103.24 4.39 -53.65	101.88 5.27 -41.66	90.80 4.76 -37.47	65.07 4.25 -16.60	58.05 3.74 -15.39	55.06 3.29 -16.38
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.94 2.78 -8.10	38.31 2.62 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.22 2.62 -0.07	39.14 2.93 0.00	56.84 3.94 -5.38	63.02 4.77 -5.29	72.09 4.14 -22.43	70.72 3.69 -27.37	55.23 3.54 -14.38	55.23 3.23 -18.40	54.46 3.14 -18.61	55.22 2.95 -20.93	55.02 2.90 -21.23	68.62 3.11 -32.43	70.55 3.51 -30.12	109.10 4.01 -64.60	103.19 4.34 -53.65	101.88 5.27 -41.66	90.75 4.71 -37.47	65.07 4.25 -16.60	58.01 3.70 -15.39	55.06 3.29 -16.38
FARRAGUT___LBMP 323566	43.94 2.78 -8.10	38.31 2.62 -3.34	37.49 2.60 -2.42	34.60 2.53 0.00	36.19 2.58 -0.07	39.14 2.93 0.00	56.80 3.90 -5.38	62.97 4.71 -5.29	72.09 4.14 -22.43	70.68 3.65 -27.37	55.20 3.51 -14.38	55.19 3.19 -18.40	54.42 3.11 -18.61	55.19 2.92 -20.93	54.99 2.87 -21.23	68.58 3.08 -32.43	70.51 3.47 -30.12	109.06 3.97 -64.60	103.19 4.34 -53.65	101.83 5.22 -41.66	90.75 4.71 -37.47	65.03 4.20 -16.60	58.01 3.70 -15.39	55.03 3.26 -16.38
FENNER___WINDPWR 24204	33.36 0.30 0.00	32.67 0.32 0.00	32.77 0.29 0.00	32.35 0.29 0.00	33.88 0.34 0.00	36.68 0.47 0.00	48.38 0.86 0.00	53.97 1.00 0.00	46.79 0.82 -0.45	40.26 0.60 0.00	37.87 0.56 0.00	34.07 0.47 0.00	33.20 0.49 0.00	31.79 0.44 0.00	31.29 0.40 0.00	33.57 0.50 0.00	37.52 0.59 0.00	41.14 0.65 0.00	46.54 0.72 -0.61	56.12 0.93 -0.24	50.33 0.82 -0.94	45.39 0.71 -0.47	39.51 0.58 0.00	35.88 0.50 0.00
FIBERTEK___ENERGY 23856	32.73 -0.33 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.77 -0.29 0.00	33.27 -0.27 0.00	35.96 -0.25 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.54 -0.36 -0.38	39.30 -0.36 0.00	37.05 -0.26 0.00	33.43 -0.17 0.00	32.51 -0.20 0.00	31.23 -0.13 0.00	30.73 -0.15 0.00	33.04 -0.03 0.00	36.85 -0.07 0.00	40.21 -0.28 0.00	45.39 -0.32 -0.50	54.82 -0.33 -0.20	49.02 -0.34 -0.79	44.30 -0.31 -0.39	38.61 -0.31 0.00	35.11 -0.28 0.00
FITZPATRICK___ 23598	32.04 -1.03 0.00	31.41 -0.94 0.00	31.51 -0.97 0.00	31.07 -0.99 0.00	32.54 -1.01 0.00	35.16 -1.05 0.00	46.19 -1.33 0.00	51.27 -1.70 0.00	44.20 -1.55 -0.22	38.39 -1.27 0.00	36.15 -1.16 0.00	32.59 -1.01 0.00	31.73 -0.98 0.00	30.44 -0.91 0.00	29.96 -0.93 0.00	32.12 -0.96 0.00	35.82 -1.11 0.00	39.12 -1.38 0.00	44.02 -1.49 -0.30	53.25 -1.81 -0.12	47.43 -1.60 -0.46	42.99 -1.46 -0.23	37.64 -1.28 0.00	34.25 -1.13 0.00
FLOWRFLD_69_KV_BK1 356044	35.78 2.71 0.00	34.49 2.13 0.00	34.46 1.98 0.00	34.08 2.02 0.00	35.69 2.15 0.00	39.36 3.15 0.00	52.30 4.56 -0.21	58.31 5.35 0.00	53.31 4.05 -3.74	43.85 3.97 -0.22	41.68 3.77 -0.60	37.83 3.46 -0.77	36.65 3.34 -0.60	35.34 3.14 -0.85	34.61 3.12 -0.60	37.05 3.27 -0.70	40.93 3.77 -0.23	45.22 4.33 -0.39	55.12 4.88 -5.02	62.97 5.55 -2.48	62.66 5.05 -9.04	52.80 4.69 -3.89	42.93 4.01 0.01	38.61 3.22 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.25 2.18 0.00	34.48 2.13 0.00	34.56 2.08 0.00	34.12 2.05 0.00	35.66 2.11 0.00	38.49 2.28 0.00	50.66 3.14 0.00	56.78 3.81 0.00	52.62 3.37 -3.73	42.64 2.97 0.00	40.07 2.76 0.00	36.12 2.52 0.00	35.20 2.49 0.00	33.67 2.32 0.00	33.21 2.32 0.00	35.52 2.45 0.00	39.73 2.81 0.00	43.73 3.24 0.00	53.75 3.53 -5.01	61.27 4.34 -1.99	60.15 3.79 -7.80	51.49 3.41 -3.87	41.84 2.92 0.00	38.01 2.62 0.00
FORT ORANGE___ 23900	34.19 1.12 0.00	33.41 1.07 0.00	33.55 1.07 0.00	33.15 1.09 0.00	34.65 1.11 0.00	37.40 1.19 0.00	48.66 1.14 0.00	54.40 1.43 0.00	50.99 0.86 -4.61	40.38 0.71 0.00	37.94 0.63 0.00	34.24 0.64 0.00	33.33 0.62 0.00	31.95 0.59 0.00	31.51 0.62 0.00	33.67 0.60 0.00	37.63 0.70 0.00	41.79 1.30 0.00	52.74 1.40 -6.13	59.22 1.87 -2.41	59.68 1.65 -9.46	50.37 1.46 -4.69	40.37 1.44 0.00	36.66 1.27 0.00
FORT_DRUM_COGEN 23780	32.57 -0.50 0.00	31.86 -0.49 0.00	31.96 -0.52 0.00	31.58 -0.48 0.00	33.04 -0.50 0.00	35.96 -0.25 0.00	47.57 0.05 0.00	52.70 -0.26 0.00	45.40 -0.32 -0.19	38.91 -0.75 0.00	36.41 -0.90 0.00	32.66 -0.94 0.00	33.43 -0.92 -1.63	31.99 -0.94 -1.58	31.55 -0.90 -1.56	33.90 -0.83 -1.65	37.84 -0.81 -1.72	40.95 -0.53 -0.98	46.30 -0.41 -1.50	54.83 -0.05 0.05	48.56 0.00 0.01	46.25 -0.13 -2.16	40.49 -0.23 -1.80	36.78 -0.28 -1.67
FOX_HILLS___ESR 323835	44.27 3.11 -8.10	38.67 2.98 -3.35	37.86 2.96 -2.42	34.99 2.92 -0.01	36.67 3.05 -0.07	39.55 3.33 -0.01	57.45 3.61 -6.32	62.77 4.50 -5.30	72.42 4.46 -22.43	72.06 4.05 -28.35	58.13 3.92 -16.90	58.79 3.56 -21.63	57.23 3.37 -21.15	59.21 3.26 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.99 3.91 -31.15	110.52 3.81 -66.22	103.07 4.20 -53.66	103.81 5.11 -43.76	95.81 4.57 -42.67	65.43 4.60 -16.61	57.79 3.46 -15.40	54.86 3.08 -16.39
FPL FAR_ROCK_GT1 24212	35.97 2.91 0.00	34.91 2.55 0.00	34.82 2.34 0.00	34.40 2.34 0.00	35.93 2.38 0.00	39.40 3.19 0.00	52.67 4.75 -0.40	57.62 4.66 0.00	53.45 4.19 -3.74	44.28 4.20 -0.41	42.45 4.03 -1.11	38.68 3.66 -1.41	37.39 3.57 -1.11	36.35 3.42 -1.58	35.40 3.40 -1.11	37.98 3.61 -1.30	41.43 4.06 -0.44	45.74 4.53 -0.72	55.13 4.88 -5.04	63.72 5.88 -2.89	63.98 5.34 -10.07	52.94 4.82 -3.90	43.28 4.36 0.00	38.86 3.47 0.00



FPL FAR_ROCK_GT2 23815	35.97 2.91 0.00	34.91 2.55 0.00	34.82 2.34 0.00	34.40 2.34 0.00	35.93 2.38 0.00	39.40 3.19 0.00	52.67 4.75 -0.40	57.62 4.66 0.00	53.45 4.19 -3.74	44.28 4.20 -0.41	42.45 4.03 -1.11	38.68 3.66 -1.41	37.39 3.57 -1.11	36.35 3.42 -1.58	35.40 3.40 -1.11	37.98 3.61 -1.30	41.43 4.06 -0.44	45.74 4.53 -0.72	55.13 4.88 -5.04	63.72 5.88 -2.89	63.98 5.34 -10.07	52.94 4.82 -3.90	43.28 4.36 0.00	38.86 3.47 0.00
FRANKLIN_FALL_HYD 24054	32.40 -0.66 0.00	31.54 -0.81 0.00	31.67 -0.81 0.00	31.23 -0.83 0.00	32.70 -0.84 0.00	35.49 -0.72 0.00	46.57 -0.95 0.00	51.91 -1.06 0.00	44.47 -1.05 0.00	38.51 -1.15 0.00	35.82 -1.49 0.00	31.85 -1.75 0.00	57.01 -1.67 -25.97	54.67 -1.72 -25.04	54.02 -1.64 -24.76	57.50 -1.75 -26.18	62.38 -1.88 -27.33	62.15 -1.82 -23.48	70.11 -2.03 -26.94	73.04 -2.42 -20.52	44.32 -2.19 2.06	73.64 -2.03 -31.45	65.75 -1.75 -28.58	60.37 -1.56 -26.53
FREEPORT_EQUS_GT1 23764	35.71 2.65 0.00	34.65 2.30 0.00	34.56 2.08 0.00	34.18 2.12 0.00	35.73 2.18 0.00	39.11 2.90 0.00	52.19 4.37 -0.30	57.25 4.29 0.00	53.09 3.82 -3.74	43.82 3.85 -0.31	41.84 3.69 -0.83	38.06 3.39 -1.07	36.85 3.30 -0.84	35.71 3.17 -1.19	34.88 3.15 -0.84	37.39 3.34 -0.98	41.06 3.80 -0.33	45.25 4.21 -0.54	54.81 4.56 -5.04	63.11 5.49 -2.67	63.04 4.96 -9.52	52.58 4.46 -3.89	42.93 4.01 0.00	38.61 3.22 0.00
FREEPORT___CT2 23818	35.71 2.65 0.00	34.65 2.30 0.00	34.56 2.08 0.00	34.18 2.12 0.00	35.73 2.18 0.00	39.11 2.90 0.00	52.19 4.37 -0.30	57.25 4.29 0.00	53.09 3.82 -3.74	43.82 3.85 -0.31	41.84 3.69 -0.83	38.06 3.39 -1.07	36.85 3.30 -0.84	35.71 3.17 -1.19	34.88 3.15 -0.84	37.39 3.34 -0.98	41.06 3.80 -0.33	45.25 4.21 -0.54	54.81 4.56 -5.04	63.11 5.49 -2.67	63.04 4.96 -9.52	52.58 4.46 -3.89	42.93 4.01 0.00	38.61 3.22 0.00
FRESHKLS_33_KV_LOAD 356253	44.27 3.11 -8.10	38.67 2.98 -3.35	37.83 2.92 -2.42	35.02 2.95 -0.01	36.74 3.12 -0.07	39.62 3.40 -0.01	56.38 3.47 -5.39	62.55 4.29 -5.29	72.46 4.51 -22.43	72.14 4.12 -28.35	58.21 3.99 -16.90	58.86 3.63 -21.63	57.26 3.40 -21.15	59.27 3.32 -24.60	57.98 3.27 -23.82	72.00 3.47 -35.45	72.03 3.95 -31.15	110.40 3.68 -66.22	102.94 4.07 -53.66	103.65 4.94 -43.76	95.71 4.47 -42.67	65.43 4.60 -16.61	57.67 3.35 -15.40	54.72 2.94 -16.39
FULTON COGEN____ 23766	32.27 -0.79 0.00	31.64 -0.71 0.00	31.73 -0.75 0.00	31.33 -0.74 0.00	32.80 -0.74 0.00	35.45 -0.76 0.00	46.62 -0.90 0.00	51.75 -1.22 0.00	44.72 -1.09 -0.30	38.71 -0.95 0.00	36.49 -0.82 0.00	32.90 -0.71 0.00	31.99 -0.72 0.00	30.72 -0.63 0.00	30.27 -0.62 0.00	32.48 -0.60 0.00	36.23 -0.70 0.00	39.56 -0.93 0.00	44.60 -0.99 -0.39	53.95 -1.15 -0.16	48.12 -1.07 -0.62	43.56 -0.97 -0.31	38.03 -0.90 0.00	34.61 -0.78 0.00
FULTON___LFGE 323630	35.51 2.45 0.00	34.77 2.43 0.00	34.85 2.37 0.00	34.50 2.44 0.00	36.09 2.55 0.00	39.11 2.90 0.00	51.65 4.13 0.00	57.89 4.93 0.00	54.40 3.69 -5.19	42.20 2.54 0.00	39.43 2.13 0.00	35.35 1.75 0.00	34.64 1.93 0.00	33.23 1.88 0.00	32.74 1.85 0.00	35.09 2.02 0.00	39.25 2.33 0.00	43.53 3.04 0.00	55.76 3.62 -6.93	62.91 5.22 -2.74	63.94 4.62 -10.75	53.76 4.20 -5.33	42.39 3.46 0.00	38.36 2.97 0.00
G.F.CEMENT___DRP 24184	34.98 1.92 0.00	34.29 1.94 0.00	34.36 1.88 0.00	33.99 1.92 0.00	35.55 2.01 0.00	38.45 2.24 0.00	51.32 3.80 0.00	57.73 4.77 0.00	53.99 3.73 -4.74	42.44 2.78 0.00	39.85 2.54 0.00	35.82 2.22 0.00	34.77 2.06 0.00	33.39 2.04 0.00	32.80 1.92 0.00	35.13 2.05 0.00	39.36 2.44 0.00	43.53 3.04 0.00	55.07 3.48 -6.38	62.39 4.94 -2.50	62.74 4.37 -9.80	52.84 3.76 -4.86	42.12 3.19 0.00	38.11 2.72 0.00
GARDENVILLE___LBMP 24039	30.05 -3.01 0.00	29.53 -2.81 0.00	29.36 -3.12 0.00	29.02 -3.05 0.00	30.49 -3.05 0.00	32.99 -3.22 0.00	43.10 -4.42 0.00	47.51 -5.46 0.00	39.67 -4.69 1.16	35.97 -3.69 0.00	34.32 -2.98 0.00	31.32 -2.28 0.00	30.29 -2.42 0.00	29.22 -2.13 0.00	28.60 -2.29 0.00	30.79 -2.28 0.00	34.31 -2.62 0.00	36.89 -3.60 0.00	41.42 -4.66 -0.87	49.74 -5.55 -0.34	41.49 -4.52 2.56	40.78 -4.11 -0.67	36.24 -2.69 0.00	32.45 -2.94 0.00
GARDNVLA_35_KV_LD 355827	30.29 -2.78 0.00	29.76 -2.59 0.00	29.59 -2.89 0.00	29.24 -2.82 0.00	30.72 -2.82 0.00	33.28 -2.93 0.00	43.48 -4.04 0.00	48.04 -4.93 0.00	41.06 -4.28 0.18	36.49 -3.17 0.00	34.85 -2.46 0.00	31.79 -1.81 0.00	30.75 -1.96 0.00	29.66 -1.69 0.00	29.00 -1.88 0.00	31.22 -1.85 0.00	34.75 -2.18 0.00	37.33 -3.16 0.00	41.85 -4.20 -0.84	50.28 -5.00 -0.33	44.00 -4.13 0.44	41.16 -3.71 -0.65	36.63 -2.30 0.00	32.77 -2.62 0.00
GELCKHM___115KV_LOAD 80723	32.53 -0.53 0.00	31.89 -0.45 0.00	31.99 -0.49 0.00	31.58 -0.48 0.00	33.07 -0.47 0.00	35.74 -0.47 0.00	47.00 -0.52 0.00	52.17 -0.79 0.00	45.22 -0.64 -0.34	39.07 -0.59 0.00	36.82 -0.49 0.00	33.23 -0.37 0.00	32.32 -0.39 0.00	31.04 -0.31 0.00	30.55 -0.34 0.00	32.88 -0.20 0.00	36.63 -0.30 0.00	39.93 -0.57 0.00	45.06 -0.59 -0.44	54.41 -0.71 -0.18	48.59 -0.68 -0.71	44.00 -0.57 -0.35	38.38 -0.54 0.00	34.89 -0.50 0.00
GENERAL___MILLS 23808	30.15 -2.91 0.00	29.63 -2.72 0.00	29.49 -2.99 0.00	29.11 -2.95 0.00	30.59 -2.95 0.00	33.13 -3.08 0.00	43.29 -4.23 0.00	47.78 -5.19 0.00	40.68 -4.51 0.33	36.25 -3.41 0.00	34.62 -2.69 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.09 -3.40 0.00	41.58 -4.48 -0.85	49.95 -5.33 -0.33	43.38 -4.42 0.76	40.89 -3.98 -0.65	36.43 -2.49 0.00	32.59 -2.80 0.00
GE_PLASTICS___DRP 24183	34.09 1.02 0.00	33.32 0.97 0.00	33.49 1.01 0.00	33.06 0.99 0.00	34.58 1.04 0.00	37.26 1.05 0.00	48.61 1.09 0.00	54.40 1.43 0.00	51.25 1.14 -4.59	40.77 1.11 0.00	38.32 1.01 0.00	34.51 0.91 0.00	33.59 0.88 0.00	32.20 0.85 0.00	31.75 0.86 0.00	33.94 0.86 0.00	37.92 1.00 0.00	41.87 1.38 0.00	52.82 1.45 -6.17	59.11 1.76 -2.41	59.57 1.55 -9.45	50.32 1.42 -4.68	40.29 1.36 0.00	36.59 1.20 0.00
GILBOA___1 23756	34.05 0.99 0.00	33.41 1.07 0.00	33.65 1.17 0.00	33.22 1.15 0.00	34.75 1.21 0.00	37.26 1.05 0.00	48.90 1.38 0.00	54.71 1.75 0.00	50.61 1.50 -3.59	40.97 1.31 0.00	38.58 1.27 0.00	34.81 1.21 0.00	33.89 1.18 0.00	32.48 1.13 0.00	32.00 1.11 0.00	34.23 1.16 0.00	38.25 1.33 0.00	41.95 1.46 0.00	51.62 1.58 -4.83	58.66 1.81 -1.91	57.71 1.65 -7.50	49.49 1.55 -3.72	40.32 1.40 0.00	36.63 1.24 0.00
GILBOA___2 23757	34.05 0.99 0.00	33.41 1.07 0.00	33.65 1.17 0.00	33.22 1.15 0.00	34.75 1.21 0.00	37.26 1.05 0.00	48.90 1.38 0.00	54.71 1.75 0.00	50.61 1.50 -3.59	40.97 1.31 0.00	38.58 1.27 0.00	34.81 1.21 0.00	33.89 1.18 0.00	32.48 1.13 0.00	32.00 1.11 0.00	34.23 1.16 0.00	38.25 1.33 0.00	41.95 1.46 0.00	51.62 1.58 -4.83	58.66 1.81 -1.91	57.71 1.65 -7.50	49.49 1.55 -3.72	40.32 1.40 0.00	36.63 1.24 0.00

GILBOA___3 23758	34.05 0.99 0.00	33.41 1.07 0.00	33.65 1.17 0.00	33.22 1.15 0.00	34.75 1.21 0.00	37.26 1.05 0.00	48.90 1.38 0.00	54.71 1.75 0.00	50.61 1.50 -3.59	40.97 1.31 0.00	38.58 1.27 0.00	34.81 1.21 0.00	33.89 1.18 0.00	32.48 1.13 0.00	32.00 1.11 0.00	34.23 1.16 0.00	38.25 1.33 0.00	41.95 1.46 0.00	51.62 1.58 -4.83	58.66 1.81 -1.91	57.71 1.65 -7.50	49.49 1.55 -3.72	40.32 1.40 0.00	36.63 1.24 0.00
GILBOA___4 23759	34.05 0.99 0.00	33.41 1.07 0.00	33.65 1.17 0.00	33.22 1.15 0.00	34.75 1.21 0.00	37.26 1.05 0.00	48.90 1.38 0.00	54.71 1.75 0.00	50.61 1.50 -3.59	40.97 1.31 0.00	38.58 1.27 0.00	34.81 1.21 0.00	33.89 1.18 0.00	32.48 1.13 0.00	32.00 1.11 0.00	34.23 1.16 0.00	38.25 1.33 0.00	41.95 1.46 0.00	51.62 1.58 -4.83	58.66 1.81 -1.91	57.71 1.65 -7.50	49.49 1.55 -3.72	40.32 1.40 0.00	36.63 1.24 0.00
GILBOA___ 23599	34.06 0.99 0.00	33.41 1.07 0.00	33.65 1.17 0.00	33.25 1.19 0.00	34.75 1.21 0.00	37.26 1.05 0.00	48.90 1.38 0.00	54.71 1.75 0.00	50.66 1.55 -3.59	41.01 1.35 0.00	38.61 1.31 0.00	34.81 1.21 0.00	33.89 1.18 0.00	32.48 1.13 0.00	32.00 1.11 0.00	34.23 1.16 0.00	38.26 1.33 0.00	41.95 1.46 0.00	51.62 1.58 -4.83	58.67 1.81 -1.91	57.71 1.65 -7.49	49.49 1.55 -3.72	40.33 1.40 0.00	36.63 1.24 0.00
GINNA___ 23603	30.25 -2.81 0.00	29.66 -2.68 0.00	29.69 -2.79 0.00	29.24 -2.82 0.00	30.69 -2.85 0.00	33.31 -2.90 0.00	43.72 -3.80 0.00	48.52 -4.45 0.00	42.13 -3.82 -0.44	36.77 -2.89 0.00	34.62 -2.69 0.00	31.28 -2.32 0.00	30.32 -2.39 0.00	29.16 -2.20 0.00	28.73 -2.16 0.00	30.86 -2.22 0.00	34.38 -2.55 0.00	37.29 -3.20 0.00	42.58 -3.21 -0.58	51.28 -3.90 -0.23	45.98 -3.50 -0.91	41.49 -3.18 -0.45	35.93 -3.00 0.00	32.63 -2.76 0.00
GLEN PARK___ 23778	32.63 -0.43 0.00	31.93 -0.42 0.00	32.02 -0.45 0.00	31.65 -0.42 0.00	33.11 -0.44 0.00	36.07 -0.14 0.00	47.76 0.24 0.00	52.86 -0.11 0.00	45.49 -0.23 -0.20	38.99 -0.67 0.00	36.45 -0.86 0.00	32.66 -0.94 0.00	33.28 -0.92 -1.48	31.84 -0.94 -1.43	31.40 -0.90 -1.41	33.77 -0.79 -1.49	37.82 -0.74 -1.63	41.02 -0.40 -0.93	46.43 -0.22 -1.45	55.13 0.22 0.04	48.84 0.24 -0.03	46.32 0.04 -2.06	40.56 -0.08 -1.71	36.83 -0.14 -1.59
GLENDALE_27_KV_LOAD 356172	44.21 3.04 -8.10	38.58 2.88 -3.35	37.76 2.86 -2.42	34.86 2.79 -0.01	36.47 2.85 -0.07	39.44 3.22 -0.01	57.88 4.04 -6.32	63.19 4.93 -5.30	72.42 4.46 -22.43	71.94 3.93 -28.35	57.98 3.77 -16.90	58.69 3.46 -21.63	57.19 3.34 -21.15	59.09 3.14 -24.60	57.83 3.12 -23.82	71.83 3.31 -35.45	71.85 3.77 -31.15	110.85 4.13 -66.22	103.39 4.52 -53.66	104.14 5.44 -43.76	96.10 4.86 -42.67	65.35 4.51 -16.61	58.18 3.85 -15.40	55.14 3.36 -16.39
GLENWOOD_IC_1_G5 23712	35.81 2.74 0.00	34.78 2.43 0.00	34.85 2.37 0.00	34.37 2.31 0.00	35.93 2.38 0.00	39.11 2.90 0.00	51.98 4.09 -0.37	57.78 4.82 0.00	53.27 4.01 -3.74	43.86 3.81 -0.39	41.96 3.62 -1.04	38.25 3.33 -1.32	36.99 3.24 -1.04	35.87 3.04 -1.48	34.96 3.03 -1.04	37.50 3.21 -1.22	40.96 3.62 -0.41	45.21 4.05 -0.67	54.66 4.43 -5.02	63.05 5.27 -2.83	63.25 4.76 -9.93	52.41 4.29 -3.89	42.73 3.81 0.01	38.61 3.22 0.00
GLENWOOD_IC_2_G1 23688	35.61 2.55 0.00	34.71 2.36 0.00	34.79 2.31 0.00	34.31 2.24 0.00	35.86 2.31 0.00	38.93 2.72 0.00	51.06 3.80 0.27	57.25 4.29 0.00	53.04 3.78 -3.74	42.87 3.49 0.28	39.95 3.36 0.72	35.77 3.09 0.92	35.00 3.01 0.72	33.13 2.82 1.04	32.96 2.81 0.73	35.20 2.98 0.86	40.03 3.40 0.29	43.88 3.85 0.46	54.40 4.16 -5.04	61.34 5.00 -1.40	59.38 4.47 -6.35	52.13 4.02 -3.88	42.46 3.54 0.01	38.39 3.01 0.00
GLENWOOD_IC_3_G1 23689	35.61 2.55 0.00	34.71 2.36 0.00	34.79 2.31 0.00	34.31 2.24 0.00	35.86 2.31 0.00	38.93 2.72 0.00	51.06 3.80 0.27	57.25 4.29 0.00	53.04 3.78 -3.74	42.87 3.49 0.28	39.95 3.36 0.72	35.77 3.09 0.92	35.00 3.01 0.72	33.13 2.82 1.04	32.96 2.81 0.73	35.20 2.98 0.86	40.03 3.40 0.29	43.88 3.85 0.46	54.40 4.16 -5.04	61.34 5.00 -1.40	59.38 4.47 -6.35	52.13 4.02 -3.88	42.46 3.54 0.01	38.39 3.01 0.00
GLENWOOD___4 23550	35.81 2.74 0.00	34.78 2.43 0.00	34.85 2.37 0.00	34.37 2.31 0.00	35.93 2.38 0.00	39.11 2.90 0.00	51.98 4.09 -0.37	57.78 4.82 0.00	53.27 4.01 -3.74	43.86 3.81 -0.39	41.96 3.62 -1.04	38.25 3.33 -1.32	36.99 3.24 -1.04	35.87 3.04 -1.48	34.96 3.03 -1.04	37.50 3.21 -1.22	40.96 3.62 -0.41	45.21 4.05 -0.67	54.66 4.43 -5.02	63.05 5.27 -2.83	63.25 4.76 -9.93	52.41 4.29 -3.89	42.73 3.81 0.01	38.61 3.22 0.00
GLENWOOD___5 23614	35.81 2.74 0.00	34.78 2.43 0.00	34.85 2.37 0.00	34.37 2.31 0.00	35.93 2.38 0.00	39.11 2.90 0.00	51.98 4.09 -0.37	57.78 4.82 0.00	53.27 4.01 -3.74	43.86 3.81 -0.39	41.96 3.62 -1.04	38.25 3.33 -1.32	36.99 3.24 -1.04	35.87 3.04 -1.48	34.96 3.03 -1.04	37.50 3.21 -1.22	40.96 3.62 -0.41	45.21 4.05 -0.67	54.66 4.43 -5.02	63.05 5.27 -2.83	63.25 4.76 -9.93	52.41 4.29 -3.89	42.73 3.81 0.01	38.61 3.22 0.00
GLOBAL GREEN_PORT_GT1 23814	35.01 1.95 0.00	33.87 1.52 0.00	33.78 1.30 0.00	33.67 1.60 0.00	35.36 1.81 0.00	39.14 2.93 0.00	52.15 4.42 -0.21	57.46 4.50 0.00	53.18 3.92 -3.74	43.45 3.57 -0.22	41.15 3.24 -0.60	37.35 2.99 -0.76	36.03 2.71 -0.60	34.52 2.32 -0.85	33.74 2.25 -0.60	36.09 2.31 -0.70	39.82 2.66 -0.23	44.28 3.40 -0.39	54.18 3.93 -5.04	61.82 4.40 -2.47	61.58 3.98 -9.03	51.83 3.72 -3.89	41.92 3.00 0.00	37.83 2.44 0.00
GLOBE___DSASP 323697	29.16 -3.90 0.00	28.66 -3.69 0.00	28.48 -4.00 0.00	28.15 -3.91 0.00	29.55 -3.99 0.00	32.01 -4.20 0.00	41.63 -5.89 0.00	45.76 -7.20 0.00	39.88 -5.46 0.18	34.86 -4.80 0.00	33.47 -3.84 0.00	30.54 -3.06 0.00	29.64 -3.07 0.00	28.59 -2.76 0.00	27.98 -2.90 0.00	30.10 -2.98 0.00	33.46 -3.47 0.00	35.76 -4.74 0.00	40.56 -5.42 -0.78	48.71 -6.54 -0.31	42.98 -5.15 0.44	39.91 -4.91 -0.60	35.23 -3.70 0.00	31.53 -3.86 0.00
GOETHSLN___LBMP 323567	43.87 2.71 -8.10	38.25 2.56 -3.34	37.46 2.57 -2.42	34.53 2.47 0.00	36.12 2.52 -0.07	39.07 2.86 0.00	56.70 3.80 -5.38	62.86 4.61 -5.29	71.91 3.96 -22.43	70.56 3.53 -27.37	55.05 3.36 -14.38	55.09 3.09 -18.40	54.36 3.04 -18.61	55.07 2.79 -20.93	54.90 2.78 -21.23	68.48 2.98 -32.43	70.37 3.32 -30.12	108.98 3.89 -64.60	103.10 4.25 -53.65	101.72 5.11 -41.66	90.65 4.61 -37.47	64.90 4.07 -16.60	58.01 3.70 -15.39	55.06 3.29 -16.38
GOLAH___69_KV_TB 1_2 80279	31.28 -1.79 0.00	30.67 -1.68 0.00	30.63 -1.85 0.00	30.24 -1.83 0.00	31.70 -1.84 0.00	34.44 -1.77 0.00	45.05 -2.47 0.00	49.89 -3.07 0.00	43.26 -2.59 -0.33	37.48 -2.18 0.00	35.59 -1.72 0.00	32.26 -1.34 0.00	31.27 -1.44 0.00	30.10 -1.25 0.00	29.59 -1.30 0.00	31.79 -1.29 0.00	35.49 -1.44 0.00	38.39 -2.11 0.00	43.79 -2.03 -0.61	52.88 -2.31 -0.24	47.31 -1.94 -0.68	42.97 -1.72 -0.47	37.37 -1.56 0.00	33.80 -1.59 0.00

GOODYEAR_LAKE_HYD 323669	34.42 1.36 0.00	33.71 1.36 0.00	33.88 1.40 0.00	33.44 1.38 0.00	34.98 1.44 0.00	37.80 1.59 0.00	49.90 2.38 0.00	55.72 2.75 0.00	49.08 2.37 -1.19	41.52 1.86 0.00	39.06 1.75 0.00	35.15 1.55 0.00	34.31 1.60 0.00	32.83 1.47 0.00	32.31 1.42 0.00	34.66 1.59 0.00	38.70 1.77 0.00	42.60 2.11 0.00	49.07 2.26 -1.60	58.48 2.91 -0.63	53.60 2.57 -2.46	47.83 2.39 -1.22	40.99 2.06 0.00	37.16 1.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.80 -0.26 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.84 -0.22 0.00	33.37 -0.17 0.00	36.03 -0.18 0.00	47.38 -0.14 0.00	52.70 -0.26 0.00	46.35 -0.36 -1.20	39.46 -0.20 0.00	37.23 -0.07 0.00	33.63 0.03 0.00	32.68 -0.03 0.00	31.38 0.03 0.00	30.89 0.00 0.00	33.11 0.03 0.00	36.96 0.04 0.00	40.41 -0.08 0.00	46.55 -0.27 -1.61	55.25 -0.33 -0.64	50.82 -0.24 -2.50	45.24 -0.22 -1.24	38.96 0.04 0.00	35.35 -0.04 0.00
GOUDEY___7 23579	32.80 -0.26 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.84 -0.22 0.00	33.37 -0.17 0.00	36.03 -0.18 0.00	47.38 -0.14 0.00	52.70 -0.26 0.00	46.35 -0.36 -1.20	39.46 -0.20 0.00	37.23 -0.07 0.00	33.63 0.03 0.00	32.68 -0.03 0.00	31.38 0.03 0.00	30.89 0.00 0.00	33.11 0.03 0.00	36.96 0.04 0.00	40.41 -0.08 0.00	46.55 -0.27 -1.61	55.25 -0.33 -0.64	50.82 -0.24 -2.50	45.24 -0.22 -1.24	38.96 0.04 0.00	35.35 -0.04 0.00
GOUDEY___8 23580	32.80 -0.26 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.84 -0.22 0.00	33.37 -0.17 0.00	36.03 -0.18 0.00	47.38 -0.14 0.00	52.70 -0.26 0.00	46.35 -0.36 -1.20	39.46 -0.20 0.00	37.23 -0.07 0.00	33.63 0.03 0.00	32.68 -0.03 0.00	31.38 0.03 0.00	30.89 0.00 0.00	33.11 0.03 0.00	36.96 0.04 0.00	40.41 -0.08 0.00	46.55 -0.27 -1.61	55.25 -0.33 -0.64	50.82 -0.24 -2.50	45.24 -0.22 -1.24	38.96 0.04 0.00	35.35 -0.04 0.00
GOWANUS_GT1_1 24077	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT1_2 24078	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT1_3 24079	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT1_4 24080	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT1_5 24084	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT1_6 24111	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT1_7 24112	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT1_8 24113	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.89 3.18 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GOWANUS_GT2_1 24114	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.92 2.85 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.37 4.41 -22.43	71.94 3.93 -28.35	58.06 3.84 -16.90	58.73 3.49 -21.63	57.20 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.38 -35.45	71.92 3.84 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.39 4.56 -16.61	57.95 3.62 -15.40	54.97 3.19 -16.39
GOWANUS_GT2_2 24115	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.92 2.85 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.37 4.41 -22.43	71.94 3.93 -28.35	58.06 3.84 -16.90	58.73 3.49 -21.63	57.20 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.38 -35.45	71.92 3.84 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.39 4.56 -16.61	57.95 3.62 -15.40	54.97 3.19 -16.39
GOWANUS_GT2_3 24116	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.92 2.85 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.37 4.41 -22.43	71.94 3.93 -28.35	58.06 3.84 -16.90	58.73 3.49 -21.63	57.20 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.38 -35.45	71.92 3.84 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.39 4.56 -16.61	57.95 3.62 -15.40	54.97 3.19 -16.39

GOWANUS_GT2_4 24117	44.31	38.71	37.89	34.92	36.60	39.51	57.69	63.04	72.37	71.94	58.06	58.73	57.20	59.15	57.89	71.90	71.92	110.73	103.27	104.03	96.00	65.39	57.95	54.97
	3.14	3.01	2.99	2.85	2.98	3.29	3.85	4.77	4.41	3.93	3.84	3.49	3.34	3.20	3.18	3.38	3.84	4.01	4.38	5.33	4.76	4.56	3.62	3.19
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT2_5 24118	44.31	38.71	37.89	34.92	36.60	39.51	57.69	63.04	72.37	71.94	58.06	58.73	57.20	59.15	57.89	71.90	71.92	110.73	103.27	104.03	96.00	65.39	57.95	54.97
	3.14	3.01	2.99	2.85	2.98	3.29	3.85	4.77	4.41	3.93	3.84	3.49	3.34	3.20	3.18	3.38	3.84	4.01	4.38	5.33	4.76	4.56	3.62	3.19
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT2_6 24119	44.31	38.71	37.89	34.92	36.60	39.51	57.69	63.04	72.37	71.94	58.06	58.73	57.20	59.15	57.89	71.90	71.92	110.73	103.27	104.03	96.00	65.39	57.95	54.97
	3.14	3.01	2.99	2.85	2.98	3.29	3.85	4.77	4.41	3.93	3.84	3.49	3.34	3.20	3.18	3.38	3.84	4.01	4.38	5.33	4.76	4.56	3.62	3.19
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT2_7 24120	44.31	38.71	37.89	34.92	36.60	39.51	57.69	63.04	72.37	71.94	58.06	58.73	57.20	59.15	57.89	71.90	71.92	110.73	103.27	104.03	96.00	65.39	57.95	54.97
	3.14	3.01	2.99	2.85	2.98	3.29	3.85	4.77	4.41	3.93	3.84	3.49	3.34	3.20	3.18	3.38	3.84	4.01	4.38	5.33	4.76	4.56	3.62	3.19
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT2_8 24121	44.31	38.71	37.89	34.92	36.60	39.51	57.69	63.04	72.37	71.94	58.06	58.73	57.20	59.15	57.89	71.90	71.92	110.73	103.27	104.03	96.00	65.39	57.95	54.97
	3.14	3.01	2.99	2.85	2.98	3.29	3.85	4.77	4.41	3.93	3.84	3.49	3.34	3.20	3.18	3.38	3.84	4.01	4.38	5.33	4.76	4.56	3.62	3.19
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_1 24122	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_2 24123	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_3 24124	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_4 24125	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_5 24126	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_6 24127	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_7 24128	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT3_8 24129	44.31	38.71	37.89	34.96	36.60	39.51	57.69	63.04	72.42	71.98	58.09	58.76	57.23	59.18	57.89	71.93	71.96	110.73	103.27	104.03	96.00	65.43	57.95	55.00
	3.14	3.01	2.99	2.89	2.98	3.29	3.85	4.77	4.46	3.97	3.88	3.53	3.37	3.23	3.18	3.41	3.88	4.01	4.38	5.33	4.76	4.60	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.67	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT4_1 24130	44.34	38.71	37.89	34.96	36.60	39.51	57.69	62.98	72.46	72.02	58.06	58.76	57.19	59.15	57.89	71.90	71.92	110.68	103.26	103.97	95.95	65.39	57.95	55.00
	3.17	3.01	2.99	2.89	2.99	3.30	3.85	4.71	4.51	4.01	3.84	3.53	3.34	3.20	3.18	3.37	3.84	3.97	4.39	5.27	4.71	4.55	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.66	-43.76	-42.67	-16.61	-15.40	-16.39
GOWANUS_GT4_2 24131	44.34	38.71	37.89	34.96	36.60	39.51	57.69	62.98	72.46	72.02	58.06	58.76	57.19	59.15	57.89	71.90	71.92	110.68	103.26	103.97	95.95	65.39	57.95	55.00
	3.17	3.01	2.99	2.89	2.99	3.30	3.85	4.71	4.51	4.01	3.84	3.53	3.34	3.20	3.18	3.37	3.84	3.97	4.39	5.27	4.71	4.55	3.62	3.22
	-8.10	-3.35	-2.42	-0.01	-0.07	-0.01	-6.32	-5.30	-22.43	-28.35	-16.90	-21.63	-21.15	-24.60	-23.82	-35.45	-31.15	-66.22	-53.66	-43.76	-42.67	-16.61	-15.40	-16.39

GOWANUS_GT4_3 24132	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.06 3.84 -16.90	58.76 3.53 -21.63	57.19 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.37 -35.45	71.92 3.84 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	95.95 4.71 -42.67	65.39 4.55 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
GOWANUS_GT4_4 24133	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.06 3.84 -16.90	58.76 3.53 -21.63	57.19 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.37 -35.45	71.92 3.84 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	95.95 4.71 -42.67	65.39 4.55 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
GOWANUS_GT4_5 24134	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.06 3.84 -16.90	58.76 3.53 -21.63	57.19 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.37 -35.45	71.92 3.84 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	95.95 4.71 -42.67	65.39 4.55 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
GOWANUS_GT4_6 24135	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.06 3.84 -16.90	58.76 3.53 -21.63	57.19 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.37 -35.45	71.92 3.84 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	95.95 4.71 -42.67	65.39 4.55 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
GOWANUS_GT4_7 24136	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.06 3.84 -16.90	58.76 3.53 -21.63	57.19 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.37 -35.45	71.92 3.84 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	95.95 4.71 -42.67	65.39 4.55 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
GOWANUS_GT4_8 24137	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	62.98 4.71 -5.30	72.46 4.51 -22.43	72.02 4.01 -28.35	58.06 3.84 -16.90	58.76 3.53 -21.63	57.19 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.37 -35.45	71.92 3.84 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	95.95 4.71 -42.67	65.39 4.55 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
GREENBSH_115KV_TB3 55895	34.09 1.02 0.00	33.29 0.94 0.00	33.45 0.97 0.00	33.03 0.96 0.00	34.55 1.01 0.00	37.26 1.05 0.00	48.42 0.90 0.00	54.18 1.22 0.00	50.93 0.77 -4.63	40.45 0.79 0.00	37.98 0.67 0.00	34.24 0.64 0.00	33.33 0.62 0.00	31.95 0.60 0.00	31.48 0.59 0.00	33.67 0.60 0.00	37.59 0.66 0.00	41.75 1.26 0.00	52.82 1.36 -6.26	59.07 1.70 -2.42	59.58 1.51 -9.51	50.27 1.33 -4.72	40.21 1.28 0.00	36.56 1.17 0.00
GREENEDGE_115KV_TB5 80291	32.17 -0.89 0.00	31.60 -0.74 0.00	31.64 -0.84 0.00	31.23 -0.83 0.00	32.77 -0.77 0.00	35.49 -0.72 0.00	46.76 -0.76 0.00	51.85 -1.11 0.00	46.17 -1.32 -1.97	38.59 -1.07 0.00	36.41 -0.90 0.00	32.90 -0.71 0.00	31.93 -0.79 0.00	30.72 -0.63 0.00	30.21 -0.68 0.00	32.48 -0.60 0.00	36.23 -0.70 0.00	39.60 -0.89 0.00	45.21 -0.99 -0.99	53.80 -1.54 -0.39	51.51 -1.26 -4.21	44.15 -0.84 -0.76	38.30 -0.62 0.00	34.68 -0.71 0.00
GREENIDGE___3 23582	32.17 -0.89 0.00	31.60 -0.74 0.00	31.64 -0.84 0.00	31.23 -0.83 0.00	32.77 -0.77 0.00	35.49 -0.72 0.00	46.76 -0.76 0.00	51.85 -1.11 0.00	46.17 -1.32 -1.97	38.59 -1.07 0.00	36.41 -0.90 0.00	32.90 -0.71 0.00	31.93 -0.79 0.00	30.72 -0.63 0.00	30.21 -0.68 0.00	32.48 -0.60 0.00	36.23 -0.70 0.00	39.60 -0.89 0.00	45.21 -0.99 -0.99	53.80 -1.54 -0.39	51.51 -1.26 -4.21	44.15 -0.84 -0.76	38.30 -0.62 0.00	34.68 -0.71 0.00
GREENIDGE___4 23583	32.17 -0.89 0.00	31.60 -0.74 0.00	31.64 -0.84 0.00	31.17 -0.90 0.00	32.77 -0.77 0.00	35.49 -0.72 0.00	46.71 -0.81 0.00	51.85 -1.11 0.00	45.99 -1.50 -1.97	38.79 -0.87 0.00	36.45 -0.86 0.00	32.89 -0.71 0.00	31.93 -0.79 0.00	30.73 -0.63 0.00	30.21 -0.68 0.00	32.48 -0.59 0.00	36.22 -0.70 0.00	39.60 -0.89 0.00	45.21 -0.99 -0.99	53.80 -1.54 -0.39	51.51 -1.26 -4.21	44.15 -0.84 -0.76	38.30 -0.62 0.00	34.71 -0.67 0.00
GREENLWN_69_KV_BK 3 55738	35.84 2.78 0.00	34.62 2.26 0.00	34.62 2.14 0.00	34.15 2.08 0.00	35.69 2.15 0.00	39.18 2.97 0.00	51.87 4.13 -0.22	57.73 4.77 0.00	52.86 3.60 -3.74	43.89 4.01 -0.23	41.73 3.81 -0.61	37.84 3.46 -0.78	36.73 3.40 -0.62	35.48 3.26 -0.87	34.71 3.21 -0.61	37.23 3.44 -0.71	41.04 3.88 -0.24	45.18 4.29 -0.40	54.57 4.34 -5.02	62.49 5.05 -2.49	62.19 4.57 -9.06	52.31 4.20 -3.89	42.97 4.05 0.01	38.68 3.29 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.06 4.05 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
GRISSOM___SOLAR 323813	35.38 2.31 0.00	34.61 2.26 0.00	34.72 2.24 0.00	34.34 2.28 0.00	35.92 2.38 0.00	38.89 2.68 0.00	51.32 3.80 0.00	57.52 4.56 0.00	54.11 3.46 -5.14	42.08 2.42 0.00	39.36 2.05 0.00	35.31 1.71 0.00	34.57 1.86 0.00	33.14 1.79 0.00	32.65 1.76 0.00	34.99 1.92 0.00	39.18 2.25 0.00	43.37 2.88 0.00	55.46 3.39 -6.86	62.49 4.84 -2.71	63.48 4.27 -10.64	53.43 3.93 -5.28	42.15 3.23 0.00	38.15 2.76 0.00
GROVEVILLE___HYD 323602	35.25 2.18 0.00	34.48 2.13 0.00	34.56 2.08 0.00	34.12 2.05 0.00	35.66 2.11 0.00	38.49 2.28 0.00	50.66 3.14 0.00	56.78 3.81 0.00	52.62 3.37 -3.73	42.64 2.97 0.00	40.07 2.76 0.00	36.12 2.52 0.00	35.20 2.49 0.00	33.67 2.32 0.00	33.21 2.32 0.00	35.52 2.45 0.00	39.73 2.81 0.00	43.73 3.24 0.00	53.75 3.53 -5.01	61.27 4.34 -1.99	60.15 3.79 -7.80	51.49 3.41 -3.87	41.84 2.92 0.00	38.01 2.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.73 -0.33 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.77 -0.29 0.00	33.27 -0.27 0.00	35.96 -0.25 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.54 -0.36 -0.38	39.30 -0.36 0.00	37.05 -0.26 0.00	33.43 -0.17 0.00	32.51 -0.20 0.00	31.23 -0.13 0.00	30.73 -0.15 0.00	33.04 -0.03 0.00	36.85 -0.07 0.00	40.21 -0.28 0.00	45.39 -0.32 -0.50	54.82 -0.33 -0.20	49.02 -0.34 -0.79	44.30 -0.31 -0.39	38.61 -0.31 0.00	35.11 -0.28 0.00

HAMLTNNY_34_KV_TB 80303	32.67 -0.40 0.00	32.06 -0.29 0.00	32.12 -0.36 0.00	31.71 -0.35 0.00	33.21 -0.34 0.00	35.92 -0.29 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.47 -0.46 -0.40	39.30 -0.36 0.00	37.05 -0.26 0.00	33.43 -0.17 0.00	32.51 -0.20 0.00	31.23 -0.13 0.00	30.73 -0.15 0.00	32.98 -0.10 0.00	36.78 -0.15 0.00	40.21 -0.28 0.00	45.43 -0.32 -0.54	54.83 -0.33 -0.22	49.07 -0.34 -0.84	44.33 -0.31 -0.42	38.61 -0.31 0.00	35.11 -0.28 0.00
HAMPSHIRE___PAPER_HYD 323593	32.10 -0.96 0.00	31.38 -0.97 0.00	31.51 -0.97 0.00	31.13 -0.93 0.00	32.54 -1.01 0.00	35.34 -0.87 0.00	46.34 -1.19 0.00	51.54 -1.43 0.00	44.53 -1.09 -0.10	38.35 -1.31 0.00	35.85 -1.46 0.00	32.12 -1.48 0.00	35.21 -1.44 -3.94	33.71 -1.44 -3.80	33.25 -1.39 -3.75	35.62 -1.42 -3.97	39.74 -1.52 -4.33	41.41 -1.34 -2.25	46.90 -1.40 -3.09	52.46 -1.54 0.95	46.27 -1.36 0.94	47.92 -1.33 -5.03	42.32 -1.13 -4.53	38.56 -1.03 -4.20
HARDSCRABBLE_WT_PWR 323673	32.20 -0.86 0.00	31.54 -0.81 0.00	31.64 -0.84 0.00	31.20 -0.86 0.00	32.37 -1.17 0.00	34.91 -1.30 0.00	46.00 -1.52 0.00	51.48 -1.48 0.00	44.25 -1.27 0.00	38.27 -1.39 0.00	35.71 -1.60 0.00	32.02 -1.58 0.00	31.17 -1.54 0.00	29.85 -1.50 0.00	29.31 -1.57 0.00	31.29 -1.79 0.00	34.86 -2.07 0.00	38.65 -2.15 -0.30	43.13 -2.35 -0.28	53.04 -2.80 -0.90	46.21 -2.53 -0.17	41.93 -2.30 -0.01	36.75 -2.18 0.00	33.37 -2.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.05 1.98 0.00	34.26 1.91 0.00	34.33 1.85 0.00	33.89 1.83 0.00	35.42 1.88 0.00	38.27 2.06 0.00	50.33 2.80 0.00	56.46 3.50 0.00	52.13 3.14 -3.47	42.40 2.74 0.00	39.88 2.57 0.00	35.99 2.39 0.00	35.03 2.32 0.00	33.52 2.16 0.00	33.05 2.16 0.00	35.39 2.32 0.00	39.55 2.62 0.00	43.53 3.04 0.00	53.17 3.30 -4.66	60.80 4.01 -1.85	59.37 3.55 -7.25	51.00 3.18 -3.60	41.65 2.72 0.00	37.83 2.44 0.00
HARSNRAD_115KV_TB1 81005	29.63 -3.44 0.00	29.11 -3.23 0.00	28.97 -3.51 0.00	28.60 -3.46 0.00	30.02 -3.52 0.00	32.55 -3.66 0.00	42.44 -5.08 0.00	46.72 -6.25 0.00	40.23 -5.05 0.23	35.50 -4.16 0.00	33.99 -3.32 0.00	31.01 -2.59 0.00	30.03 -2.68 0.00	29.00 -2.35 0.00	28.39 -2.50 0.00	30.56 -2.51 0.00	33.97 -2.95 0.00	36.40 -4.09 0.00	41.18 -4.79 -0.77	49.53 -5.71 -0.30	43.46 -4.57 0.54	40.52 -4.29 -0.59	35.81 -3.11 0.00	32.06 -3.33 0.00
HARZA MOOSE___RIVER 24016	33.03 -0.03 0.00	32.31 -0.03 0.00	32.45 -0.03 0.00	32.06 0.00 0.00	33.51 -0.03 0.00	36.39 0.18 0.00	48.00 0.48 0.00	53.44 0.48 0.00	46.06 0.41 -0.13	39.74 0.08 0.00	37.23 -0.07 0.00	33.47 -0.13 0.00	33.80 -0.10 -1.19	32.34 -0.16 -1.14	31.84 -0.19 -1.13	34.14 -0.13 -1.20	38.14 -0.04 -1.25	41.58 0.20 -0.88	46.69 0.27 -1.21	55.92 0.55 -0.43	49.12 0.49 -0.07	46.12 0.35 -1.54	40.47 0.23 -1.31	36.78 0.18 -1.21
HDSNBRDG_115KV_BRDG_TB1 355580	32.53 -0.53 0.00	31.93 -0.42 0.00	31.99 -0.49 0.00	31.58 -0.48 0.00	33.07 -0.47 0.00	35.74 -0.47 0.00	47.00 -0.52 0.00	52.22 -0.74 0.00	45.59 -0.27 -0.34	39.11 -0.56 0.00	36.86 -0.45 0.00	33.27 -0.34 0.00	32.35 -0.36 0.00	31.07 -0.28 0.00	30.61 -0.28 0.00	33.14 0.07 0.00	36.96 0.04 0.00	39.97 -0.53 0.00	45.09 -0.54 -0.43	54.47 -0.66 -0.18	48.65 -0.63 -0.72	44.00 -0.57 -0.36	38.42 -0.51 0.00	34.93 -0.46 0.00
HELLGATE_13_KV_LD 55870	44.21 3.04 -8.10	38.58 2.88 -3.35	37.76 2.86 -2.42	34.89 2.82 -0.01	36.50 2.88 -0.07	39.44 3.22 -0.01	57.88 4.04 -6.32	63.19 4.93 -5.30	72.42 4.46 -22.43	71.90 3.89 -28.35	57.94 3.73 -16.90	58.66 3.43 -21.63	57.16 3.30 -21.15	59.09 3.14 -24.60	57.79 3.09 -23.82	71.80 3.27 -35.45	71.81 3.73 -31.15	110.81 4.09 -66.22	103.35 4.48 -53.66	104.08 5.38 -43.76	96.10 4.86 -42.67	65.30 4.47 -16.61	58.14 3.81 -15.40	55.11 3.33 -16.39
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.21 3.04 -8.10	38.58 2.88 -3.35	37.76 2.86 -2.42	34.89 2.82 -0.01	36.50 2.88 -0.07	39.44 3.22 -0.01	57.88 4.04 -6.32	63.19 4.93 -5.30	72.42 4.46 -22.43	71.90 3.89 -28.35	57.94 3.73 -16.90	58.66 3.43 -21.63	57.16 3.30 -21.15	59.09 3.14 -24.60	57.79 3.09 -23.82	71.80 3.27 -35.45	71.81 3.73 -31.15	110.81 4.09 -66.22	103.35 4.48 -53.66	104.08 5.38 -43.76	96.10 4.86 -42.67	65.30 4.47 -16.61	58.14 3.81 -15.40	55.11 3.33 -16.39
HEMPSTEAD____ 23647	35.54 2.48 0.00	34.52 2.17 0.00	34.49 2.01 0.00	34.08 2.02 0.00	35.63 2.08 0.00	38.93 2.72 0.00	51.89 4.04 -0.33	57.04 4.08 0.00	52.91 3.64 -3.74	43.61 3.61 -0.34	41.74 3.51 -0.92	37.97 3.19 -1.18	36.75 3.11 -0.93	35.65 2.98 -1.31	34.78 2.97 -0.92	37.30 3.14 -1.08	40.84 3.55 -0.36	45.06 3.97 -0.60	54.54 4.30 -5.04	62.79 5.11 -2.74	62.88 4.62 -9.69	52.27 4.16 -3.89	42.66 3.74 0.00	38.39 3.01 0.00
HEWLETT_69_KV_BK3 55828	35.94 2.88 0.00	34.78 2.43 0.00	34.79 2.31 0.00	34.31 2.24 0.00	35.83 2.28 0.00	39.29 3.08 0.00	52.48 4.56 -0.40	58.15 5.19 0.00	53.31 4.05 -3.74	44.20 4.12 -0.41	42.30 3.88 -1.11	38.51 3.49 -1.41	37.26 3.43 -1.11	36.23 3.29 -1.58	35.27 3.27 -1.11	37.85 3.47 -1.30	41.28 3.91 -0.44	45.54 4.33 -0.72	54.93 4.70 -5.02	63.44 5.60 -2.89	63.74 5.10 -10.07	52.72 4.60 -3.90	43.12 4.20 0.01	38.78 3.40 0.00
HICKLING___1 23621	32.01 -1.06 0.00	31.44 -0.91 0.00	31.47 -1.01 0.00	31.07 -0.99 0.00	32.57 -0.97 0.00	35.27 -0.94 0.00	46.33 -1.19 0.00	51.38 -1.59 0.00	45.20 -1.73 -1.41	38.39 -1.27 0.00	36.30 -1.01 0.00	32.83 -0.77 0.00	31.86 -0.85 0.00	30.66 -0.69 0.00	30.12 -0.77 0.00	32.38 -0.69 0.00	36.11 -0.81 0.00	39.40 -1.09 0.00	44.90 -1.58 -1.28	53.58 -1.87 -0.50	50.09 -1.46 -2.98	43.83 -1.37 -0.98	38.22 -0.70 0.00	34.57 -0.81 0.00
HICKLING___2 23622	32.01 -1.06 0.00	31.44 -0.91 0.00	31.47 -1.01 0.00	31.07 -0.99 0.00	32.57 -0.97 0.00	35.27 -0.94 0.00	46.33 -1.19 0.00	51.38 -1.59 0.00	45.20 -1.73 -1.41	38.39 -1.27 0.00	36.30 -1.01 0.00	32.83 -0.77 0.00	31.86 -0.85 0.00	30.66 -0.69 0.00	30.12 -0.77 0.00	32.38 -0.69 0.00	36.11 -0.81 0.00	39.40 -1.09 0.00	44.90 -1.58 -1.28	53.58 -1.87 -0.50	50.09 -1.46 -2.98	43.83 -1.37 -0.98	38.22 -0.70 0.00	34.57 -0.81 0.00
HIGH FALLS___HY 23754	35.15 2.08 0.00	34.39 2.04 0.00	34.46 1.98 0.00	34.02 1.96 0.00	35.52 1.98 0.00	38.38 2.17 0.00	50.56 3.04 0.00	56.67 3.71 0.00	52.66 3.41 -3.72	42.48 2.82 0.00	39.92 2.61 0.00	35.99 2.39 0.00	35.07 2.36 0.00	33.55 2.19 0.00	33.08 2.19 0.00	35.42 2.35 0.00	39.62 2.70 0.00	43.61 3.12 0.00	53.68 3.48 -5.00	61.20 4.29 -1.97	60.09 3.79 -7.74	51.42 3.36 -3.84	41.73 2.80 0.00	37.94 2.55 0.00
HIGH_RIVER___SOLAR 323847	34.88 1.82 0.00	34.16 1.81 0.00	34.26 1.79 0.00	33.86 1.79 0.00	35.45 1.91 0.00	38.31 2.10 0.00	50.42 2.90 0.00	56.41 3.44 0.00	53.06 2.55 -5.00	41.36 1.70 0.00	38.69 1.38 0.00	34.64 1.04 0.00	33.95 1.24 0.00	32.54 1.19 0.00	32.09 1.20 0.00	34.40 1.32 0.00	38.51 1.59 0.00	42.60 2.10 0.00	54.50 2.62 -6.67	61.37 3.79 -2.64	62.26 3.35 -10.34	52.40 3.05 -5.13	41.45 2.53 0.00	37.58 2.19 0.00

HILLBURN___GT 23639	35.15 2.08 0.00	34.35 2.01 0.00	34.43 1.95 0.00	33.99 1.92 0.00	35.52 1.98 0.00	38.42 2.21 0.00	50.47 2.95 0.00	56.62 3.65 0.00	52.27 3.23 -3.52	42.52 2.86 0.00	40.07 2.76 0.00	36.12 2.52 0.00	35.17 2.45 0.00	33.67 2.32 0.00	33.17 2.29 0.00	35.52 2.45 0.00	39.70 2.77 0.00	43.69 3.20 0.00	53.38 3.43 -4.74	60.99 4.17 -1.87	59.66 3.74 -7.35	51.19 3.32 -3.65	41.81 2.88 0.00	37.90 2.51 0.00
HILLSIDE_115KV_TB1 80332	31.91 -1.16 0.00	31.31 -1.04 0.00	31.34 -1.14 0.00	30.94 -1.12 0.00	32.44 -1.11 0.00	35.09 -1.12 0.00	46.10 -1.43 0.00	51.17 -1.80 0.00	45.00 -1.87 -1.34	38.31 -1.35 0.00	36.19 -1.12 0.00	32.73 -0.87 0.00	31.76 -0.95 0.00	30.57 -0.78 0.00	30.02 -0.86 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	39.24 -1.26 0.00	44.77 -1.76 -1.32	53.32 -2.14 -0.52	49.70 -1.70 -2.83	43.65 -1.59 -1.02	38.03 -0.90 0.00	34.40 -0.99 0.00
HISHELDN_WT_PWR 323625	30.09 -2.98 0.00	29.47 -2.88 0.00	29.36 -3.12 0.00	28.92 -3.14 0.00	30.46 -3.09 0.00	32.91 -3.29 0.00	43.01 -4.52 0.00	47.41 -5.56 0.00	37.76 -5.51 2.26	36.13 -3.53 0.00	34.03 -3.28 0.00	30.85 -2.75 0.00	29.86 -2.85 0.00	28.78 -2.57 0.00	28.23 -2.66 0.00	30.40 -2.68 0.00	33.90 -3.03 0.00	36.53 -3.97 0.00	41.30 -4.84 -0.92	49.54 -5.77 -0.37	38.93 -4.71 4.92	40.64 -4.29 -0.71	35.89 -3.04 0.00	32.34 -3.04 0.00
HOLTSVILLE_IC_1 23690	35.38 2.31 0.00	34.29 1.94 0.00	34.17 1.69 0.00	33.92 1.86 0.00	35.53 1.98 0.00	39.14 2.93 0.00	52.10 4.37 -0.21	57.31 4.34 0.00	53.04 3.78 -3.74	43.49 3.61 -0.22	41.38 3.47 -0.60	37.59 3.23 -0.76	36.42 3.11 -0.60	35.12 2.92 -0.85	34.39 2.90 -0.59	36.81 3.04 -0.69	40.63 3.47 -0.23	44.93 4.05 -0.39	54.81 4.56 -5.04	62.58 5.16 -2.47	62.26 4.66 -9.03	52.45 4.34 -3.89	42.66 3.74 0.00	38.29 2.90 0.00
HOLTSVILLE_IC_10 23699	35.51 2.45 0.00	34.39 2.04 0.00	34.26 1.79 0.00	34.02 1.96 0.00	35.63 2.08 0.00	39.29 3.08 0.00	52.30 4.56 -0.21	57.52 4.56 0.00	53.22 3.96 -3.74	43.65 3.77 -0.22	41.57 3.66 -0.60	37.73 3.36 -0.77	36.56 3.24 -0.61	35.25 3.04 -0.85	34.52 3.03 -0.60	36.95 3.18 -0.70	40.78 3.62 -0.24	45.13 4.25 -0.39	55.04 4.79 -5.04	62.92 5.49 -2.48	62.56 4.96 -9.04	52.67 4.56 -3.89	42.85 3.93 0.00	38.43 3.04 0.00
HOLTSVILLE_IC_2 23691	35.38 2.31 0.00	34.29 1.94 0.00	34.17 1.69 0.00	33.92 1.86 0.00	35.53 1.98 0.00	39.14 2.93 0.00	52.10 4.37 -0.21	57.31 4.34 0.00	53.04 3.78 -3.74	43.49 3.61 -0.22	41.38 3.47 -0.60	37.59 3.23 -0.76	36.42 3.11 -0.60	35.12 2.92 -0.85	34.39 2.90 -0.59	36.81 3.04 -0.69	40.63 3.47 -0.23	44.93 4.05 -0.39	54.81 4.56 -5.04	62.58 5.16 -2.47	62.26 4.66 -9.03	52.45 4.34 -3.89	42.66 3.74 0.00	38.29 2.90 0.00
HOLTSVILLE_IC_3 23692	35.38 2.31 0.00	34.29 1.94 0.00	34.17 1.69 0.00	33.92 1.86 0.00	35.53 1.98 0.00	39.14 2.93 0.00	52.10 4.37 -0.21	57.31 4.34 0.00	53.04 3.78 -3.74	43.49 3.61 -0.22	41.38 3.47 -0.60	37.59 3.23 -0.76	36.42 3.11 -0.60	35.12 2.92 -0.85	34.39 2.90 -0.59	36.81 3.04 -0.69	40.63 3.47 -0.23	44.93 4.05 -0.39	54.81 4.56 -5.04	62.58 5.16 -2.47	62.26 4.66 -9.03	52.45 4.34 -3.89	42.66 3.74 0.00	38.29 2.90 0.00
HOLTSVILLE_IC_4 23693	35.38 2.31 0.00	34.29 1.94 0.00	34.17 1.69 0.00	33.92 1.86 0.00	35.53 1.98 0.00	39.14 2.93 0.00	52.10 4.37 -0.21	57.31 4.34 0.00	53.04 3.78 -3.74	43.49 3.61 -0.22	41.38 3.47 -0.60	37.59 3.23 -0.76	36.42 3.11 -0.60	35.12 2.92 -0.85	34.39 2.90 -0.59	36.81 3.04 -0.69	40.63 3.47 -0.23	44.93 4.05 -0.39	54.81 4.56 -5.04	62.58 5.16 -2.47	62.26 4.66 -9.03	52.45 4.34 -3.89	42.66 3.74 0.00	38.29 2.90 0.00
HOLTSVILLE_IC_5 23694	35.38 2.31 0.00	34.29 1.94 0.00	34.17 1.69 0.00	33.92 1.86 0.00	35.53 1.98 0.00	39.14 2.93 0.00	52.10 4.37 -0.21	57.31 4.34 0.00	53.04 3.78 -3.74	43.49 3.61 -0.22	41.38 3.47 -0.60	37.59 3.23 -0.76	36.42 3.11 -0.60	35.12 2.92 -0.85	34.39 2.90 -0.59	36.81 3.04 -0.69	40.63 3.47 -0.23	44.93 4.05 -0.39	54.81 4.56 -5.04	62.58 5.16 -2.47	62.26 4.66 -9.03	52.45 4.34 -3.89	42.66 3.74 0.00	38.29 2.90 0.00
HOLTSVILLE_IC_6 23695	35.51 2.45 0.00	34.39 2.04 0.00	34.26 1.79 0.00	34.02 1.96 0.00	35.63 2.08 0.00	39.29 3.08 0.00	52.30 4.56 -0.21	57.52 4.56 0.00	53.22 3.96 -3.74	43.65 3.77 -0.22	41.57 3.66 -0.60	37.73 3.36 -0.77	36.56 3.24 -0.61	35.25 3.04 -0.85	34.52 3.03 -0.60	36.95 3.18 -0.70	40.78 3.62 -0.24	45.13 4.25 -0.39	55.04 4.79 -5.04	62.92 5.49 -2.48	62.56 4.96 -9.04	52.67 4.56 -3.89	42.85 3.93 0.00	38.43 3.04 0.00
HOLTSVILLE_IC_7 23696	35.51 2.45 0.00	34.39 2.04 0.00	34.26 1.79 0.00	34.02 1.96 0.00	35.63 2.08 0.00	39.29 3.08 0.00	52.30 4.56 -0.21	57.52 4.56 0.00	53.22 3.96 -3.74	43.65 3.77 -0.22	41.57 3.66 -0.60	37.73 3.36 -0.77	36.56 3.24 -0.61	35.25 3.04 -0.85	34.52 3.03 -0.60	36.95 3.18 -0.70	40.78 3.62 -0.24	45.13 4.25 -0.39	55.04 4.79 -5.04	62.92 5.49 -2.48	62.56 4.96 -9.04	52.67 4.56 -3.89	42.85 3.93 0.00	38.43 3.04 0.00
HOLTSVILLE_IC_8 23697	35.51 2.45 0.00	34.39 2.04 0.00	34.26 1.79 0.00	34.02 1.96 0.00	35.63 2.08 0.00	39.29 3.08 0.00	52.30 4.56 -0.21	57.52 4.56 0.00	53.22 3.96 -3.74	43.65 3.77 -0.22	41.57 3.66 -0.60	37.73 3.36 -0.77	36.56 3.24 -0.61	35.25 3.04 -0.85	34.52 3.03 -0.60	36.95 3.18 -0.70	40.78 3.62 -0.24	45.13 4.25 -0.39	55.04 4.79 -5.04	62.92 5.49 -2.48	62.56 4.96 -9.04	52.67 4.56 -3.89	42.85 3.93 0.00	38.43 3.04 0.00
HOLTSVILLE_IC_9 23698	35.51 2.45 0.00	34.39 2.04 0.00	34.26 1.79 0.00	34.02 1.96 0.00	35.63 2.08 0.00	39.29 3.08 0.00	52.30 4.56 -0.21	57.52 4.56 0.00	53.22 3.96 -3.74	43.65 3.77 -0.22	41.57 3.66 -0.60	37.73 3.36 -0.77	36.56 3.24 -0.61	35.25 3.04 -0.85	34.52 3.03 -0.60	36.95 3.18 -0.70	40.78 3.62 -0.24	45.13 4.25 -0.39	55.04 4.79 -5.04	62.92 5.49 -2.48	62.56 4.96 -9.04	52.67 4.56 -3.89	42.85 3.93 0.00	38.43 3.04 0.00
HOMER_HL_115KV_TB2 355744	30.68 -2.38 0.00	30.18 -2.17 0.00	30.04 -2.44 0.00	29.66 -2.40 0.00	31.16 -2.38 0.00	33.78 -2.43 0.00	44.24 -3.28 0.00	49.10 -3.87 0.00	41.88 -4.19 -0.55	37.00 -2.66 0.00	35.11 -2.20 0.00	31.92 -1.68 0.00	30.88 -1.83 0.00	29.78 -1.57 0.00	29.16 -1.73 0.00	31.36 -1.72 0.00	34.97 -1.96 0.00	37.82 -2.67 0.00	41.38 -4.79 -0.96	49.56 -5.77 -0.38	45.19 -4.52 -1.14	40.58 -4.38 -0.74	37.06 -1.87 0.00	33.19 -2.19 0.00
HOWARD_WT_PWR 323690	30.78 -2.28 0.00	30.25 -2.10 0.00	30.34 -2.14 0.00	29.79 -2.28 0.00	31.33 -2.21 0.00	33.78 -2.43 0.00	44.34 -3.18 0.00	49.05 -3.92 0.00	44.41 -4.51 -3.40	36.33 -3.33 0.00	34.06 -3.25 0.00	30.81 -2.79 0.00	29.86 -2.85 0.00	28.78 -2.57 0.00	28.29 -2.59 0.00	30.46 -2.61 0.00	33.97 -2.96 0.00	37.09 -3.40 0.00	42.20 -4.07 -1.06	50.53 -4.84 -0.42	52.64 -3.21 -7.28	42.12 -2.92 -0.82	36.86 -2.06 0.00	33.30 -2.09 0.00

HQ_GEN_CEDARS 23644	32.67 -0.40 0.00	31.89 -0.45 0.00	32.02 -0.45 0.00	31.61 -0.45 0.00	33.07 -0.47 0.00	35.77 -0.43 0.00	46.57 -0.95 0.00	51.85 -1.11 0.00	44.79 -0.73 0.00	38.99 -0.67 0.00	36.53 -0.78 0.00	32.73 -0.87 0.00	33.88 -0.82 -1.98	32.39 -0.88 -1.91	31.98 -0.80 -1.89	34.21 -0.86 -2.00	38.06 -0.96 -2.09	37.96 -0.89 1.64	43.23 -0.99 0.99	45.31 -1.26 8.37	45.31 -1.17 2.09	45.31 -1.19 -2.28	40.33 -0.78 -2.19	36.75 -0.67 -2.03
HQ_GEN_CEDARS_PROXY 323590	32.67 -0.40 0.00	31.89 -0.45 0.00	32.02 -0.45 0.00	31.65 -0.42 0.00	33.07 -0.47 0.00	35.78 -0.43 0.00	46.57 -0.95 0.00	51.85 -1.11 0.00	44.93 -0.59 0.00	38.99 -0.67 0.00	36.52 -0.79 0.00	32.73 -0.87 0.00	33.79 -0.82 -1.90	32.31 -0.88 -1.83	31.90 -0.80 -1.81	34.13 -0.86 -1.92	38.06 -0.96 -2.09	37.96 -0.89 1.64	43.22 -0.99 0.99	45.31 -1.26 8.37	45.31 -1.17 2.09	45.31 -1.19 -2.28	40.33 -0.78 -2.19	36.74 -0.67 -2.03
HQ_GEN_IMPORT 323601	32.70 -0.36 0.00	31.96 -0.39 0.00	32.09 -0.39 0.00	31.71 -0.35 0.00	33.14 -0.40 0.00	35.81 -0.40 0.00	46.90 -0.62 0.00	52.22 -0.74 0.00	44.98 -0.54 0.00	39.11 -0.56 0.00	36.71 -0.60 0.00	33.00 -0.60 0.00	32.12 -0.59 0.00	30.76 -0.60 0.00	30.33 -0.56 0.00	32.45 -0.63 0.00	36.22 -0.70 0.00	38.61 -0.69 1.19	43.36 -0.77 1.08	50.51 -0.93 3.50	47.06 -0.83 0.68	43.41 -0.75 0.06	38.26 -0.66 0.00	34.82 -0.57 0.00
HQ_GEN_WHEEL 23651	32.70 -0.36 0.00	31.96 -0.39 0.00	32.09 -0.39 0.00	31.71 -0.35 0.00	33.14 -0.40 0.00	35.81 -0.40 0.00	46.90 -0.62 0.00	52.22 -0.74 0.00	44.98 -0.54 0.00	39.11 -0.56 0.00	36.71 -0.60 0.00	33.00 -0.60 0.00	32.12 -0.59 0.00	30.76 -0.60 0.00	30.33 -0.56 0.00	32.45 -0.63 0.00	36.22 -0.70 0.00	38.61 -0.69 1.19	43.36 -0.77 1.08	50.51 -0.93 3.50	47.06 -0.83 0.68	43.41 -0.75 0.06	38.26 -0.66 0.00	34.82 -0.57 0.00
HUDSON AVE_GT_3 23810	43.97 2.81 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.22 2.62 -0.07	39.18 2.97 0.00	56.84 3.94 -5.38	63.02 4.77 -5.29	72.14 4.19 -22.43	70.76 3.73 -27.37	55.23 3.54 -14.38	55.26 3.26 -18.40	54.49 3.17 -18.61	55.22 2.95 -20.93	55.05 2.93 -21.23	68.65 3.14 -32.43	70.59 3.54 -30.12	109.14 4.05 -64.60	103.24 4.39 -53.65	101.94 5.33 -41.66	90.80 4.76 -37.47	65.12 4.29 -16.60	58.05 3.74 -15.39	55.06 3.29 -16.38
HUDSON AVE_GT_4 23540	43.97 2.81 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.22 2.62 -0.07	39.18 2.97 0.00	56.84 3.94 -5.38	63.02 4.77 -5.29	72.14 4.19 -22.43	70.76 3.73 -27.37	55.23 3.54 -14.38	55.26 3.26 -18.40	54.49 3.17 -18.61	55.22 2.95 -20.93	55.05 2.93 -21.23	68.65 3.14 -32.43	70.59 3.54 -30.12	109.14 4.05 -64.60	103.24 4.39 -53.65	101.94 5.33 -41.66	90.80 4.76 -37.47	65.12 4.29 -16.60	58.05 3.74 -15.39	55.06 3.29 -16.38
HUDSON AVE_GT_5 23657	43.97 2.81 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.22 2.62 -0.07	39.18 2.97 0.00	56.84 3.94 -5.38	63.02 4.77 -5.29	72.14 4.19 -22.43	70.76 3.73 -27.37	55.23 3.54 -14.38	55.26 3.26 -18.40	54.49 3.17 -18.61	55.22 2.95 -20.93	55.05 2.93 -21.23	68.65 3.14 -32.43	70.59 3.54 -30.12	109.14 4.05 -64.60	103.24 4.39 -53.65	101.94 5.33 -41.66	90.80 4.76 -37.47	65.12 4.29 -16.60	58.05 3.74 -15.39	55.06 3.29 -16.38
HUDSON_AVE_10 24168	43.90 2.74 -8.10	38.31 2.62 -3.34	37.46 2.57 -2.42	34.60 2.53 0.00	36.16 2.55 -0.07	39.11 2.90 0.00	56.94 4.04 -5.38	63.02 4.77 -5.29	72.14 4.19 -22.43	70.84 3.81 -27.37	55.31 3.62 -14.38	55.30 3.29 -18.40	54.52 3.21 -18.61	55.29 3.01 -20.93	55.08 2.97 -21.23	68.68 3.18 -32.43	70.66 3.62 -30.12	109.22 4.13 -64.60	103.28 4.43 -53.65	102.05 5.44 -41.66	90.94 4.91 -37.47	65.12 4.29 -16.60	58.05 3.74 -15.39	54.99 3.22 -16.38
HUDSON___115KV_TB 4 355613	34.45 1.39 0.00	33.71 1.36 0.00	33.81 1.33 0.00	33.41 1.35 0.00	34.92 1.38 0.00	37.69 1.48 0.00	49.18 1.66 0.00	55.03 2.07 0.00	51.22 1.18 -4.51	41.41 1.75 0.00	38.73 1.42 0.00	34.78 1.18 0.00	33.82 1.11 0.00	32.45 1.10 0.00	31.97 1.08 0.00	34.23 1.16 0.00	38.37 1.44 0.00	42.60 2.11 0.00	53.00 1.90 -5.89	59.51 2.25 -2.31	59.57 1.94 -9.06	50.40 1.68 -4.50	40.68 1.75 0.00	37.02 1.63 0.00
HUNTER MOUNT___DRP 323613	34.45 1.39 0.00	33.74 1.39 0.00	33.81 1.33 0.00	33.44 1.38 0.00	34.95 1.41 0.00	37.69 1.48 0.00	49.28 1.76 0.00	55.03 2.07 0.00	50.87 0.96 -4.39	41.21 1.55 0.00	38.50 1.19 0.00	34.61 1.01 0.00	33.69 0.98 0.00	32.29 0.94 0.00	31.85 0.96 0.00	34.07 0.99 0.00	38.18 1.26 0.00	42.40 1.90 0.00	52.55 1.54 -5.81	59.09 1.87 -2.28	59.11 1.60 -8.94	49.98 1.33 -4.43	40.64 1.71 0.00	37.02 1.63 0.00
HUNTINGTON_RES_REC 323705	35.61 2.55 0.00	34.52 2.17 0.00	34.40 1.92 0.00	34.08 2.02 0.00	35.66 2.11 0.00	39.21 3.00 0.00	52.01 4.28 -0.21	57.14 4.18 0.00	53.00 3.73 -3.74	43.77 3.89 -0.22	41.64 3.73 -0.60	37.80 3.43 -0.77	36.62 3.30 -0.61	35.34 3.13 -0.86	34.61 3.12 -0.60	37.09 3.31 -0.70	40.93 3.77 -0.24	45.22 4.33 -0.39	54.81 4.56 -5.04	62.70 5.28 -2.48	62.42 4.81 -9.04	52.49 4.38 -3.89	42.97 4.05 0.00	38.53 3.15 0.00
HUNTLEY___63 23557	29.86 -3.21 0.00	29.34 -3.01 0.00	29.17 -3.31 0.00	28.79 -3.27 0.00	30.29 -3.25 0.00	32.81 -3.40 0.00	42.77 -4.75 0.00	47.14 -5.83 0.00	40.65 -4.64 0.22	35.85 -3.81 0.00	34.32 -2.98 0.00	31.35 -2.25 0.00	30.36 -2.36 0.00	29.31 -2.04 0.00	28.66 -2.22 0.00	30.83 -2.25 0.00	34.31 -2.62 0.00	36.77 -3.73 0.00	41.53 -4.48 -0.79	49.93 -5.33 -0.31	43.81 -4.23 0.53	40.85 -3.98 -0.61	36.16 -2.76 0.00	32.34 -3.04 0.00
HUNTLEY___64 23558	29.86 -3.21 0.00	29.34 -3.01 0.00	29.17 -3.31 0.00	28.79 -3.27 0.00	30.29 -3.25 0.00	32.81 -3.40 0.00	42.77 -4.75 0.00	47.14 -5.83 0.00	40.65 -4.64 0.22	35.85 -3.81 0.00	34.32 -2.98 0.00	31.35 -2.25 0.00	30.36 -2.36 0.00	29.31 -2.04 0.00	28.66 -2.22 0.00	30.83 -2.25 0.00	34.31 -2.62 0.00	36.77 -3.73 0.00	41.53 -4.48 -0.79	49.93 -5.33 -0.31	43.81 -4.23 0.53	40.85 -3.98 -0.61	36.16 -2.76 0.00	32.34 -3.04 0.00
HUNTLEY___65 23559	29.86 -3.21 0.00	29.34 -3.01 0.00	29.17 -3.31 0.00	28.79 -3.27 0.00	30.29 -3.25 0.00	32.81 -3.40 0.00	42.77 -4.75 0.00	47.14 -5.83 0.00	40.65 -4.64 0.22	35.85 -3.81 0.00	34.32 -2.98 0.00	31.35 -2.25 0.00	30.36 -2.36 0.00	29.31 -2.04 0.00	28.66 -2.22 0.00	30.83 -2.25 0.00	34.31 -2.62 0.00	36.77 -3.73 0.00	41.53 -4.48 -0.79	49.93 -5.33 -0.31	43.81 -4.23 0.53	40.85 -3.98 -0.61	36.16 -2.76 0.00	32.34 -3.04 0.00
HUNTLEY___66 23560	29.86 -3.21 0.00	29.34 -3.01 0.00	29.17 -3.31 0.00	28.79 -3.27 0.00	30.29 -3.25 0.00	32.81 -3.40 0.00	42.77 -4.75 0.00	47.14 -5.83 0.00	40.65 -4.64 0.22	35.85 -3.81 0.00	34.32 -2.98 0.00	31.35 -2.25 0.00	30.36 -2.36 0.00	29.31 -2.04 0.00	28.66 -2.22 0.00	30.83 -2.25 0.00	34.31 -2.62 0.00	36.77 -3.73 0.00	41.53 -4.48 -0.79	49.93 -5.33 -0.31	43.81 -4.23 0.53	40.85 -3.98 -0.61	36.16 -2.76 0.00	32.34 -3.04 0.00



HUNTLEY___67 23561	29.76 -3.31 0.00	29.21 -3.14 0.00	29.07 -3.41 0.00	28.70 -3.37 0.00	30.15 -3.39 0.00	32.66 -3.55 0.00	42.58 -4.94 0.00	46.87 -6.09 0.00	40.36 -4.96 0.19	35.77 -3.89 0.00	34.25 -3.06 0.00	31.25 -2.35 0.00	30.26 -2.45 0.00	29.13 -2.23 0.00	28.48 -2.41 0.00	30.66 -2.41 0.00	34.08 -2.84 0.00	36.52 -3.97 0.00	41.26 -4.75 -0.80	49.60 -5.66 -0.32	43.29 -4.81 0.47	40.55 -4.29 -0.61	35.93 -3.00 0.00	32.13 -3.26 0.00
HUNTLEY___68 23562	29.76 -3.31 0.00	29.21 -3.14 0.00	29.07 -3.41 0.00	28.70 -3.37 0.00	30.15 -3.39 0.00	32.66 -3.55 0.00	42.58 -4.94 0.00	46.87 -6.09 0.00	40.36 -4.96 0.19	35.77 -3.89 0.00	34.25 -3.06 0.00	31.25 -2.35 0.00	30.26 -2.45 0.00	29.13 -2.23 0.00	28.48 -2.41 0.00	30.66 -2.41 0.00	34.08 -2.84 0.00	36.52 -3.97 0.00	41.26 -4.75 -0.80	49.60 -5.66 -0.32	43.29 -4.81 0.47	40.55 -4.29 -0.61	35.93 -3.00 0.00	32.13 -3.26 0.00
HYLAND___LFGE 323620	32.00 -1.06 0.00	31.48 -0.87 0.00	31.47 -1.01 0.00	30.97 -1.09 0.00	32.57 -0.97 0.00	35.41 -0.80 0.00	46.52 -1.00 0.00	51.22 -1.75 0.00	46.47 -2.59 -3.54	37.60 -2.06 0.00	35.18 -2.13 0.00	31.75 -1.85 0.00	30.75 -1.96 0.00	29.60 -1.76 0.00	29.10 -1.79 0.00	31.46 -1.62 0.00	35.30 -1.62 0.00	38.71 -1.78 0.00	44.82 -1.27 -0.87	54.36 -0.93 -0.35	55.78 -0.39 -7.60	44.37 -0.53 -0.67	38.46 -0.47 0.00	34.79 -0.60 0.00
INDECK___CORINTH 23802	34.91 1.85 0.00	34.22 1.88 0.00	34.30 1.82 0.00	33.92 1.86 0.00	35.49 1.94 0.00	38.38 2.17 0.00	51.32 3.80 0.00	57.74 4.77 0.00	53.95 3.69 -4.74	42.40 2.73 0.00	39.77 2.46 0.00	35.85 2.25 0.00	34.77 2.06 0.00	33.39 2.04 0.00	32.80 1.92 0.00	35.13 2.05 0.00	39.36 2.44 0.00	43.49 3.00 0.00	55.01 3.48 -6.32	62.39 4.95 -2.50	62.69 4.32 -9.81	52.84 3.76 -4.86	42.12 3.19 0.00	38.08 2.69 0.00
INDECK___ILION 23567	32.24 -0.83 0.00	31.54 -0.81 0.00	31.64 -0.84 0.00	31.20 -0.87 0.00	32.40 -1.14 0.00	34.94 -1.27 0.00	46.10 -1.43 0.00	51.59 -1.38 0.00	44.34 -1.18 0.00	38.35 -1.31 0.00	35.74 -1.57 0.00	32.06 -1.55 0.00	31.24 -1.47 0.00	29.88 -1.47 0.00	29.34 -1.54 0.00	31.36 -1.72 0.00	34.93 -1.99 0.00	38.77 -2.02 0.00	43.27 -2.22 -0.90	53.15 -2.69 -0.17	46.36 -2.38 -0.01	42.03 -2.21 -0.01	36.78 -2.14 0.00	33.44 -1.95 0.00
INDECK___OLEAN 23982	30.72 -2.35 0.00	30.18 -2.17 0.00	30.04 -2.44 0.00	29.56 -2.50 0.00	31.16 -2.38 0.00	33.78 -2.43 0.00	44.24 -3.28 0.00	49.15 -3.81 0.00	41.15 -4.92 -0.55	37.36 -2.30 0.00	35.22 -2.09 0.00	31.89 -1.71 0.00	30.88 -1.83 0.00	29.79 -1.57 0.00	29.13 -1.76 0.00	31.32 -1.75 0.00	34.93 -1.99 0.00	37.82 -2.67 0.00	41.38 -4.79 -0.96	49.56 -4.57 -0.38	45.14 -4.57 -1.14	40.63 -4.33 -0.74	37.02 -1.91 0.00	33.30 -2.09 0.00
INDECK___OSWEGO 23783	32.24 -0.83 0.00	31.60 -0.74 0.00	31.70 -0.78 0.00	31.29 -0.77 0.00	32.77 -0.77 0.00	35.41 -0.80 0.00	46.52 -1.00 0.00	51.64 -1.32 0.00	44.58 -1.23 -0.29	38.67 -0.99 0.00	36.38 -0.93 0.00	32.79 -0.81 0.00	31.93 -0.79 0.00	30.63 -0.72 0.00	30.15 -0.74 0.00	32.32 -0.76 0.00	36.08 -0.85 0.00	39.40 -1.09 0.00	44.47 -1.13 -0.39	53.73 -1.37 -0.15	47.96 -1.21 -0.60	43.42 -1.10 -0.30	37.95 -0.97 0.00	34.54 -0.85 0.00
INDECK___YERKES 23781	29.95 -3.11 0.00	29.37 -2.98 0.00	29.20 -3.28 0.00	28.70 -3.37 0.00	30.26 -3.29 0.00	32.84 -3.37 0.00	42.82 -4.71 0.00	47.19 -5.77 0.00	39.97 -5.33 0.22	36.61 -3.05 0.00	34.55 -2.76 0.00	31.38 -2.22 0.00	30.42 -2.29 0.00	29.38 -1.97 0.00	28.73 -2.16 0.00	30.89 -2.18 0.00	34.38 -2.55 0.00	36.69 -3.81 0.00	41.57 -4.43 -0.80	49.98 -5.27 -0.31	43.86 -4.18 0.53	40.94 -3.89 -0.61	36.20 -2.73 0.00	32.56 -2.83 0.00
INDIAN POINT_GT_1 24139	35.38 2.31 0.00	34.51 2.17 0.00	34.66 2.18 0.00	34.18 2.12 0.00	35.72 2.18 0.00	38.60 2.39 0.00	50.84 3.18 -0.13	56.89 3.92 0.00	52.76 3.51 -3.73	42.89 3.09 -0.14	40.61 2.95 -0.35	36.74 2.69 -0.45	35.68 2.62 -0.35	34.31 2.45 -0.51	33.69 2.44 -0.36	36.08 2.58 -0.42	40.03 2.95 -0.14	44.08 3.36 -0.23	53.93 3.71 -5.01	61.67 4.45 -2.28	61.07 3.98 -8.52	51.71 3.63 -3.87	42.04 3.11 0.00	38.11 2.72 0.00
INDIAN POINT_GT_2 23659	35.38 2.31 0.00	34.51 2.17 0.00	34.66 2.18 0.00	34.18 2.12 0.00	35.72 2.18 0.00	38.60 2.39 0.00	50.84 3.18 -0.13	56.89 3.92 0.00	52.76 3.51 -3.73	42.89 3.09 -0.14	40.61 2.95 -0.35	36.74 2.69 -0.45	35.68 2.62 -0.35	34.31 2.45 -0.51	33.69 2.44 -0.36	36.08 2.58 -0.42	40.03 2.95 -0.14	44.08 3.36 -0.23	53.93 3.71 -5.01	61.67 4.45 -2.28	61.07 3.98 -8.52	51.71 3.63 -3.87	42.04 3.11 0.00	38.11 2.72 0.00
INDIAN POINT_GT_3 24019	35.38 2.31 0.00	34.51 2.17 0.00	34.66 2.18 0.00	34.18 2.12 0.00	35.72 2.18 0.00	38.60 2.39 0.00	50.84 3.18 -0.13	56.89 3.92 0.00	52.76 3.51 -3.73	42.89 3.09 -0.14	40.61 2.95 -0.35	36.74 2.69 -0.45	35.68 2.62 -0.35	34.31 2.45 -0.51	33.69 2.44 -0.36	36.08 2.58 -0.42	40.03 2.95 -0.14	44.08 3.36 -0.23	53.93 3.71 -5.01	61.67 4.45 -2.28	61.07 3.98 -8.52	51.71 3.63 -3.87	42.04 3.11 0.00	38.11 2.72 0.00
INDIAN POINT___2 23530	35.51 2.45 0.00	34.67 2.33 0.00	34.79 2.31 0.00	34.31 2.24 0.00	35.85 2.31 0.00	38.82 2.61 0.00	51.14 3.42 -0.20	57.15 4.18 0.00	52.95 3.69 -3.74	43.08 3.21 -0.20	40.97 3.13 -0.53	37.17 2.89 -0.67	36.06 2.81 -0.53	34.72 2.60 -0.77	34.02 2.59 -0.54	36.45 2.74 -0.63	40.28 3.14 -0.22	44.44 3.60 -0.34	54.14 3.89 -5.04	62.10 4.73 -2.43	61.70 4.22 -8.91	51.91 3.80 -3.88	42.23 3.31 0.00	38.29 2.90 0.00
INDIAN POINT___3 23531	35.25 2.18 0.00	34.42 2.07 0.00	34.56 2.08 0.00	34.08 2.02 0.00	35.62 2.08 0.00	38.53 2.32 0.00	50.68 3.04 -0.12	56.66 3.76 0.06	52.35 3.37 -3.46	42.76 2.97 -0.12	40.45 2.84 -0.31	36.58 2.59 -0.39	35.54 2.52 -0.31	34.15 2.35 -0.45	33.55 2.35 -0.32	35.93 2.48 -0.37	39.90 2.84 -0.13	43.93 3.24 -0.20	53.09 3.53 -4.36	61.39 4.23 -2.22	60.68 3.79 -8.33	51.33 3.45 -3.66	41.70 2.96 0.18	38.01 2.62 0.00
INGHAM_C_115KV_TB7 356103	32.04 -1.02 0.00	31.38 -0.97 0.00	31.47 -1.01 0.00	31.04 -1.03 0.00	32.20 -1.34 0.00	34.72 -1.48 0.00	45.76 -1.76 0.00	51.22 -1.75 0.00	44.06 -1.46 0.00	38.07 -1.59 0.00	35.52 -1.79 0.00	31.85 -1.75 0.00	31.01 -1.70 0.00	29.69 -1.66 0.00	29.16 -1.73 0.00	31.12 -1.95 0.00	34.67 -2.25 0.00	38.45 -2.35 -0.30	42.95 -2.53 -0.28	52.76 -3.08 -0.90	46.02 -2.72 -0.17	41.72 -2.52 -0.01	36.55 -2.37 0.00	33.23 -2.16 0.00
IP CORINTH___1 23988	34.92 1.85 0.00	34.22 1.88 0.00	34.30 1.82 0.00	33.92 1.86 0.00	35.49 1.95 0.00	38.38 2.17 0.00	51.32 3.80 0.00	57.73 4.77 0.00	54.04 3.78 -4.74	42.48 2.82 0.00	39.85 2.54 0.00	35.85 2.25 0.00	34.77 2.06 0.00	33.39 2.04 0.00	32.80 1.92 0.00	35.13 2.05 0.00	39.36 2.44 0.00	43.49 3.00 0.00	55.08 3.48 -6.39	62.39 4.94 -2.50	62.70 4.32 -9.81	52.85 3.76 -4.87	42.12 3.19 0.00	38.08 2.69 0.00

IP___TICONDEROGA 23804	35.54 2.48 0.00	34.87 2.52 0.00	34.92 2.44 0.00	34.56 2.50 0.00	36.16 2.62 0.00	39.18 2.97 0.00	52.51 4.99 0.00	59.27 6.30 0.00	55.13 4.87 -4.74	43.19 3.53 0.00	40.44 3.13 0.00	36.39 2.79 0.00	35.23 2.52 0.00	33.80 2.45 0.00	33.17 2.29 0.00	35.56 2.48 0.00	39.88 2.95 0.00	44.26 3.77 0.00	55.98 4.39 -6.39	63.98 6.54 -2.50	64.10 5.73 -9.81	53.99 4.91 -4.86	42.97 4.05 0.00	38.82 3.43 0.00
ISLIP_RES_REC 323679	35.61 2.55 0.00	34.49 2.13 0.00	34.36 1.88 0.00	34.08 2.02 0.00	35.73 2.18 0.00	39.40 3.19 0.00	52.44 4.71 -0.21	57.73 4.77 0.00	53.40 4.14 -3.74	43.85 3.97 -0.22	41.72 3.81 -0.60	37.90 3.53 -0.77	36.69 3.37 -0.61	35.38 3.17 -0.86	34.61 3.12 -0.60	37.06 3.28 -0.70	40.93 3.77 -0.24	45.30 4.41 -0.39	55.26 5.02 -5.04	63.14 5.71 -2.48	62.81 5.20 -9.05	52.89 4.78 -3.89	43.01 4.09 0.00	38.53 3.15 0.00
JAMAICA__27_KV_LOAD 355505	43.87 2.71 -8.10	38.25 2.56 -3.34	37.40 2.50 -2.42	34.50 2.44 0.00	35.99 2.38 -0.07	39.03 2.82 0.00	57.32 4.42 -5.38	63.13 4.87 -5.29	72.23 4.28 -22.43	71.08 4.05 -27.37	55.53 3.84 -14.38	55.50 3.49 -18.40	54.69 3.37 -18.61	55.48 3.20 -20.93	55.27 3.15 -21.23	68.88 3.37 -32.43	70.92 3.88 -30.12	109.54 4.45 -64.60	103.42 4.57 -53.65	102.54 5.93 -41.66	91.38 5.34 -37.47	65.25 4.42 -16.60	58.09 3.78 -15.39	54.89 3.11 -16.38
JANIS___SOLAR 323808	33.72 0.66 0.00	33.12 0.78 0.00	33.23 0.75 0.00	32.80 0.74 0.00	34.41 0.87 0.00	37.37 1.16 0.00	49.52 2.00 0.00	54.82 1.85 0.00	47.82 1.09 -1.21	40.45 0.79 0.00	37.87 0.56 0.00	34.04 0.44 0.00	33.10 0.39 0.00	31.70 0.35 0.00	31.20 0.31 0.00	33.57 0.50 0.00	37.63 0.70 0.00	41.54 1.05 0.00	47.92 1.35 -1.36	57.35 1.87 -0.54	52.75 1.65 -2.53	46.68 1.41 -1.05	40.13 1.21 0.00	36.42 1.03 0.00
JARVIS____ 23743	33.26 0.20 0.00	32.54 0.20 0.00	32.68 0.20 0.00	32.26 0.19 0.00	33.74 0.20 0.00	36.43 0.22 0.00	47.86 0.33 0.00	53.34 0.37 0.00	45.84 0.32 0.00	39.90 0.24 0.00	37.53 0.23 0.00	33.84 0.24 0.00	32.94 0.23 0.00	31.57 0.22 0.00	31.11 0.22 0.00	33.27 0.20 0.00	37.19 0.26 0.00	41.12 0.32 -0.30	45.84 0.36 -0.28	56.28 0.44 -0.90	49.13 0.39 -0.17	44.59 0.35 -0.01	39.20 0.27 0.00	35.64 0.25 0.00
JENNISON___1 23625	34.02 0.96 0.00	33.38 1.04 0.00	33.49 1.01 0.00	33.12 1.06 0.00	34.68 1.14 0.00	37.62 1.41 0.00	49.80 2.28 0.00	55.35 2.38 0.00	48.74 1.91 -1.31	41.09 1.43 0.00	38.65 1.34 0.00	34.81 1.21 0.00	33.89 1.18 0.00	32.42 1.07 0.00	31.88 0.99 0.00	34.27 1.19 0.00	38.33 1.40 0.00	42.23 1.74 0.00	48.77 1.81 -1.76	58.00 2.36 -0.69	53.43 2.14 -2.72	47.39 1.81 -1.35	40.56 1.63 0.00	36.77 1.38 0.00
JENNISON___2 23626	34.02 0.96 0.00	33.38 1.04 0.00	33.49 1.01 0.00	33.12 1.06 0.00	34.68 1.14 0.00	37.62 1.41 0.00	49.80 2.28 0.00	55.35 2.38 0.00	48.74 1.91 -1.31	41.09 1.43 0.00	38.65 1.34 0.00	34.81 1.21 0.00	33.89 1.18 0.00	32.42 1.07 0.00	31.88 0.99 0.00	34.27 1.19 0.00	38.33 1.40 0.00	42.23 1.74 0.00	48.77 1.81 -1.76	58.00 2.36 -0.69	53.43 2.14 -2.72	47.39 1.81 -1.35	40.56 1.63 0.00	36.77 1.38 0.00
JERICHO_RISE_WT_PWR 323719	32.34 -0.73 0.00	31.48 -0.87 0.00	31.57 -0.91 0.00	31.20 -0.86 0.00	32.60 -0.94 0.00	35.34 -0.87 0.00	46.38 -1.14 0.00	51.64 -1.32 0.00	44.38 -1.14 0.00	38.27 -1.39 0.00	35.56 -1.75 0.00	31.62 -1.98 0.00	-9.90 -1.90 40.71	-9.82 -1.91 39.26	-9.76 -1.82 38.83	-9.95 -1.98 41.04	-10.00 -2.14 44.78	-10.00 -2.19 48.31	-10.00 -2.44 52.77	-10.00 -2.97 61.98	43.74 -2.67 2.16	-10.00 -2.43 51.79	-10.00 -2.10 46.82	-10.00 -1.91 43.48
KATONAH___115KV_46KV_TB4 355592	35.44 2.38 0.00	34.58 2.23 0.00	34.72 2.24 0.00	34.24 2.18 0.00	35.82 2.28 0.00	38.67 2.46 0.00	50.85 3.33 0.00	57.04 4.08 0.00	52.89 3.60 -3.77	42.83 3.17 0.00	40.37 3.06 0.00	36.39 2.79 0.00	35.43 2.72 0.00	33.86 2.51 0.00	33.39 2.50 0.00	35.72 2.65 0.00	39.96 3.03 0.00	43.94 3.44 0.00	54.07 3.80 -5.07	61.62 4.67 -2.01	60.58 4.13 -7.89	51.89 3.76 -3.91	42.08 3.15 0.00	38.18 2.80 0.00
KCE_NY_1 323755	34.81 1.75 0.00	34.06 1.71 0.00	34.20 1.72 0.00	33.79 1.73 0.00	35.35 1.81 0.00	38.16 1.95 0.00	50.57 3.04 0.00	56.78 3.82 0.00	53.32 3.05 -4.75	41.96 2.30 0.00	39.43 2.13 0.00	35.55 1.95 0.00	34.54 1.83 0.00	33.14 1.79 0.00	32.59 1.70 0.00	34.89 1.82 0.00	39.07 2.14 0.00	43.12 2.63 0.00	54.56 3.03 -6.32	61.57 4.12 -2.50	61.97 3.59 -9.81	52.27 3.19 -4.86	41.61 2.68 0.00	37.69 2.30 0.00
KCE_NY_6_ESR 323823	30.22 -2.84 0.00	29.63 -2.72 0.00	29.46 -3.02 0.00	28.99 -3.08 0.00	30.56 -2.99 0.00	33.13 -3.08 0.00	43.24 -4.28 0.00	47.78 -5.19 0.00	40.09 -5.10 0.33	36.88 -2.78 0.00	34.77 -2.54 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.01 -3.48 0.00	41.58 -4.48 -0.85	49.95 -5.33 -0.33	43.38 -4.42 0.77	40.89 -3.98 -0.65	36.40 -2.53 0.00	32.73 -2.65 0.00
KEDC_PORT_JEFF_GT2 24210	35.54 2.48 0.00	34.42 2.07 0.00	34.30 1.82 0.00	34.02 1.96 0.00	35.66 2.11 0.00	39.29 3.08 0.00	52.25 4.52 -0.21	57.46 4.50 0.00	53.22 3.96 -3.74	43.69 3.81 -0.22	41.57 3.66 -0.60	37.76 3.39 -0.77	36.59 3.27 -0.60	35.24 3.04 -0.85	34.52 3.03 -0.60	36.95 3.18 -0.70	40.82 3.66 -0.23	45.17 4.29 -0.39	55.04 4.79 -5.04	62.91 5.49 -2.48	62.56 4.96 -9.04	52.67 4.56 -3.89	42.85 3.93 0.00	38.46 3.08 0.00
KEDC_PORT_JEFF_GT3 24211	35.54 2.48 0.00	34.42 2.07 0.00	34.30 1.82 0.00	34.02 1.96 0.00	35.66 2.11 0.00	39.29 3.08 0.00	52.25 4.52 -0.21	57.46 4.50 0.00	53.22 3.96 -3.74	43.69 3.81 -0.22	41.57 3.66 -0.60	37.76 3.39 -0.77	36.59 3.27 -0.60	35.24 3.04 -0.85	34.52 3.03 -0.60	36.95 3.18 -0.70	40.82 3.66 -0.23	45.17 4.29 -0.39	55.04 4.79 -5.04	62.91 5.49 -2.48	62.56 4.96 -9.04	52.67 4.56 -3.89	42.85 3.93 0.00	38.46 3.08 0.00
KEDC_GLWD_GT4 24219	35.74 2.68 0.00	34.78 2.43 0.00	34.82 2.34 0.00	34.37 2.31 0.00	35.93 2.38 0.00	39.11 2.90 0.00	51.98 4.09 -0.37	57.41 4.45 0.00	53.22 3.96 -3.74	43.77 3.73 -0.39	41.96 3.62 -1.04	38.25 3.33 -1.32	36.99 3.24 -1.04	35.87 3.04 -1.48	34.96 3.03 -1.04	37.50 3.21 -1.22	40.96 3.62 -0.41	45.25 4.09 -0.67	54.68 4.43 -5.04	63.11 5.33 -2.83	63.26 4.76 -9.93	52.41 4.29 -3.90	42.74 3.82 0.00	38.57 3.19 0.00
KEDC_GLWD_GT5 24220	35.74 2.68 0.00	34.78 2.43 0.00	34.82 2.34 0.00	34.37 2.31 0.00	35.93 2.38 0.00	39.11 2.90 0.00	51.98 4.09 -0.37	57.41 4.45 0.00	53.22 3.96 -3.74	43.77 3.73 -0.39	41.96 3.62 -1.04	38.25 3.33 -1.32	36.99 3.24 -1.04	35.87 3.04 -1.48	34.96 3.03 -1.04	37.50 3.21 -1.22	40.96 3.62 -0.41	45.25 4.09 -0.67	54.68 4.43 -5.04	63.11 5.33 -2.83	63.26 4.76 -9.93	52.41 4.29 -3.90	42.74 3.82 0.00	38.57 3.19 0.00

KENSICO____ 23655	35.48 2.41 0.00	34.61 2.26 0.00	34.75 2.27 0.00	34.28 2.21 0.00	35.82 2.28 0.00	38.74 2.53 0.00	51.01 3.33 -0.16	57.10 4.13 0.00	52.90 3.64 -3.74	43.04 3.21 -0.17	40.84 3.10 -0.44	36.99 2.82 -0.56	35.90 2.75 -0.44	34.56 2.57 -0.64	33.87 2.53 -0.45	36.31 2.71 -0.52	40.17 3.06 -0.18	44.26 3.48 -0.28	54.03 3.80 -5.02	61.86 4.56 -2.35	61.41 4.13 -8.71	51.81 3.71 -3.87	42.16 3.23 0.00	38.22 2.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.11 2.05 0.00	34.35 2.01 0.00	34.40 1.92 0.00	33.96 1.89 0.00	35.49 1.95 0.00	38.35 2.14 0.00	50.52 2.99 0.00	56.57 3.60 0.00	52.32 3.23 -3.57	42.40 2.74 0.00	39.85 2.54 0.00	35.89 2.28 0.00	34.97 2.26 0.00	33.45 2.10 0.00	32.99 2.10 0.00	35.32 2.25 0.00	39.51 2.58 0.00	43.53 3.04 0.00	53.35 3.35 -4.80	60.96 4.12 -1.89	59.64 3.64 -7.43	51.13 3.23 -3.68	41.69 2.76 0.00	37.87 2.48 0.00
KIAC_JFK_GT1 23816	43.67 2.51 -8.10	38.08 2.39 -3.34	37.23 2.34 -2.42	34.34 2.28 0.00	35.82 2.21 -0.07	38.85 2.64 0.00	56.84 3.94 -5.38	62.65 4.40 -5.29	71.82 3.87 -22.43	70.76 3.73 -27.37	55.20 3.51 -14.38	55.23 3.23 -18.40	54.39 3.07 -18.61	55.22 2.95 -20.93	54.99 2.87 -21.23	68.58 3.08 -32.43	70.59 3.54 -30.12	109.18 4.09 -64.60	103.01 4.16 -53.65	101.99 5.38 -41.66	90.94 4.91 -37.47	64.85 4.02 -16.60	57.70 3.39 -15.39	54.57 2.80 -16.38
KIAC_JFK_GT2 23817	43.67 2.51 -8.10	38.08 2.39 -3.34	37.23 2.34 -2.42	34.34 2.28 0.00	35.82 2.21 -0.07	38.85 2.64 0.00	56.84 3.94 -5.38	62.65 4.40 -5.29	71.82 3.87 -22.43	70.76 3.73 -27.37	55.20 3.51 -14.38	55.23 3.23 -18.40	54.39 3.07 -18.61	55.22 2.95 -20.93	54.99 2.87 -21.23	68.58 3.08 -32.43	70.59 3.54 -30.12	109.18 4.09 -64.60	103.01 4.16 -53.65	101.99 5.38 -41.66	90.94 4.91 -37.47	64.85 4.02 -16.60	57.70 3.39 -15.39	54.57 2.80 -16.38
KIAC_JFK____ 323774	43.64 2.48 -8.10	38.08 2.39 -3.34	37.24 2.34 -2.42	34.34 2.28 0.00	35.82 2.21 -0.07	38.85 2.64 0.00	56.89 3.99 -5.38	62.91 4.66 -5.29	71.77 3.82 -22.43	70.68 3.65 -27.37	55.20 3.51 -14.38	55.23 3.23 -18.40	54.39 3.07 -18.61	55.19 2.92 -20.93	54.99 2.87 -21.23	68.58 3.08 -32.43	70.59 3.55 -30.12	109.18 4.09 -64.60	103.02 4.16 -53.66	102.05 5.44 -41.66	90.94 4.90 -37.47	64.81 3.98 -16.61	57.66 3.35 -15.39	54.57 2.80 -16.38
KINTIGH____ 23543	30.52 -2.55 0.00	29.95 -2.39 0.00	29.88 -2.60 0.00	29.50 -2.57 0.00	30.93 -2.62 0.00	33.53 -2.68 0.00	43.77 -3.75 0.00	48.25 -4.71 0.00	41.87 -3.73 -0.08	36.57 -3.09 0.00	34.85 -2.46 0.00	31.69 -1.92 0.00	30.75 -1.96 0.00	29.63 -1.72 0.00	29.07 -1.82 0.00	31.22 -1.85 0.00	34.79 -2.14 0.00	37.46 -3.04 0.00	42.84 -3.03 -0.66	51.58 -3.63 -0.26	45.50 -3.21 -0.14	41.99 -2.74 -0.51	36.51 -2.41 0.00	32.91 -2.48 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.63 -0.43 0.00	31.76 -0.58 0.00	31.86 -0.62 0.00	31.39 -0.67 0.00	32.90 -0.64 0.00	35.70 -0.51 0.00	46.90 -0.62 0.00	52.28 -0.69 0.00	44.70 -0.82 0.00	38.71 -0.95 0.00	35.97 -1.34 0.00	32.09 -1.51 0.00	-5.73 -1.28 37.17	-5.81 -1.32 35.85	-5.79 -1.24 35.45	-5.72 -1.32 37.47	-7.32 -1.44 42.81	-7.24 -1.34 46.39	-6.96 -1.54 50.63	-6.76 -1.81 59.89	44.72 -1.65 2.19	-6.78 -1.50 49.50	-7.19 -1.36 44.75	-7.37 -1.20 41.56
LACHUTE__HYDRO 323717	35.54 2.48 0.00	34.87 2.52 0.00	34.92 2.44 0.00	34.57 2.50 0.00	36.16 2.62 0.00	39.18 2.97 0.00	52.51 4.99 0.00	59.27 6.30 0.00	55.09 4.82 -4.74	43.11 3.45 0.00	40.33 3.02 0.00	36.39 2.79 0.00	35.23 2.52 0.00	33.80 2.45 0.00	33.17 2.29 0.00	35.56 2.48 0.00	39.88 2.96 0.00	44.26 3.77 0.00	55.91 4.38 -6.32	63.98 6.54 -2.50	64.10 5.73 -9.80	53.99 4.91 -4.86	42.97 4.05 0.00	38.82 3.43 0.00
LAWRNCV_115KV_TB1 80681	32.07 -0.99 0.00	31.28 -1.07 0.00	31.41 -1.07 0.00	31.01 -1.06 0.00	32.44 -1.11 0.00	35.16 -1.05 0.00	45.86 -1.66 0.00	51.01 -1.96 0.00	44.02 -1.50 0.00	38.23 -1.43 0.00	35.74 -1.57 0.00	31.99 -1.61 0.00	36.24 -1.54 -5.07	34.67 -1.57 -4.89	34.24 -1.48 -4.83	36.60 -1.59 -5.11	40.53 -1.74 -5.34	40.87 -1.66 -2.03	46.39 -1.81 -2.99	49.37 -2.20 3.38	44.74 -1.99 1.84	48.32 -1.95 -6.05	42.99 -1.52 -5.58	39.22 -1.34 -5.18
LEDERLE____ 23769	35.28 2.22 0.00	34.45 2.10 0.00	34.56 2.08 0.00	34.08 2.02 0.00	35.62 2.08 0.00	38.53 2.32 0.00	50.61 3.09 0.00	56.83 3.87 0.00	52.55 3.46 -3.57	42.71 3.05 0.00	40.22 2.91 0.00	36.26 2.65 0.00	35.30 2.58 0.00	33.77 2.41 0.00	33.30 2.41 0.00	35.62 2.55 0.00	39.84 2.92 0.00	43.81 3.32 0.00	53.62 3.62 -4.79	61.24 4.40 -1.90	59.95 3.93 -7.45	51.41 3.49 -3.70	41.96 3.04 0.00	38.04 2.65 0.00
LIGHTHSE_115KV_TB6 355974	32.40 -0.66 0.00	31.76 -0.58 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.94 -0.60 0.00	35.63 -0.58 0.00	46.86 -0.67 0.00	51.96 -1.01 0.00	44.88 -0.91 -0.27	38.75 -0.91 0.00	36.49 -0.82 0.00	32.86 -0.74 0.00	31.96 -0.75 0.00	30.66 -0.69 0.00	30.21 -0.68 0.00	32.41 -0.66 0.00	36.15 -0.78 0.00	39.40 -0.85 0.24	44.48 -0.86 -0.14	53.50 -0.88 0.56	48.22 -0.78 -0.43	43.78 -0.71 -0.27	38.30 -0.62 0.00	34.82 -0.57 0.00
LINDEN COGEN____ 23786	43.84 2.68 -8.10	38.24 2.55 -3.34	37.43 2.54 -2.42	34.53 2.47 0.00	36.13 2.52 -0.07	39.04 2.83 0.00	56.70 3.80 -5.38	62.81 4.56 -5.29	71.86 3.92 -22.43	70.48 3.45 -27.37	55.01 3.32 -14.38	55.06 3.06 -18.40	54.32 3.01 -18.61	55.07 2.79 -20.93	54.90 2.78 -21.23	68.48 2.98 -32.43	70.37 3.32 -30.12	108.98 3.89 -64.60	103.07 4.21 -53.66	101.72 5.11 -41.66	90.65 4.62 -37.47	64.89 4.07 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
LINDHRST_69_KV_BK1 356055	35.94 2.88 0.00	34.68 2.33 0.00	34.66 2.18 0.00	34.21 2.15 0.00	35.79 2.25 0.00	39.32 3.11 0.00	52.42 4.66 -0.24	58.36 5.40 0.00	53.40 4.14 -3.74	44.04 4.12 -0.25	41.87 3.88 -0.68	38.03 3.56 -0.87	36.86 3.47 -0.68	35.61 3.29 -0.97	34.84 3.27 -0.68	37.34 3.47 -0.79	41.14 3.95 -0.27	45.35 4.41 -0.44	55.16 4.93 -5.02	63.25 5.77 -2.54	63.01 5.25 -9.20	52.89 4.78 -3.89	43.08 4.16 0.01	38.78 3.40 0.00
LIPA_MISC_IPP 23656	35.31 2.25 0.00	34.03 1.68 0.00	34.01 1.53 0.00	33.73 1.67 0.00	35.39 1.84 0.00	39.11 2.90 0.00	51.96 4.23 -0.21	57.94 4.98 0.00	52.86 3.60 -3.74	43.29 3.41 -0.22	41.08 3.17 -0.60	37.35 2.99 -0.76	36.16 2.85 -0.60	34.83 2.63 -0.85	34.11 2.63 -0.60	36.48 2.71 -0.70	40.30 3.14 -0.23	44.57 3.68 -0.39	54.57 4.34 -5.02	62.14 4.73 -2.47	61.97 4.37 -9.03	52.23 4.11 -3.89	42.35 3.43 0.01	38.11 2.72 0.00
LISF__SOLAR 323691	35.18 2.12 0.00	34.07 1.71 0.00	33.94 1.46 0.00	33.76 1.70 0.00	35.42 1.88 0.00	39.14 2.93 0.00	52.01 4.28 -0.21	57.25 4.29 0.00	52.91 3.64 -3.74	43.25 3.37 -0.22	41.12 3.21 -0.60	37.35 2.99 -0.76	36.16 2.84 -0.60	34.84 2.63 -0.85	34.11 2.62 -0.60	36.48 2.71 -0.70	40.30 3.14 -0.23	44.65 3.77 -0.39	54.68 4.43 -5.04	62.31 4.89 -2.47	62.02 4.42 -9.03	52.27 4.16 -3.89	42.42 3.50 0.00	38.04 2.66 0.00

LITTLE FALLS___HYD 24013	32.04 -1.02 0.00	31.38 -0.97 0.00	31.47 -1.01 0.00	31.04 -1.03 0.00	32.20 -1.34 0.00	34.72 -1.48 0.00	45.76 -1.76 0.00	51.22 -1.75 0.00	44.06 -1.46 0.00	38.07 -1.59 0.00	35.52 -1.79 0.00	31.85 -1.75 0.00	31.01 -1.70 0.00	29.69 -1.66 0.00	29.16 -1.73 0.00	31.12 -1.95 0.00	34.67 -2.25 0.00	38.45 -2.35 -0.30	42.95 -2.53 -0.28	52.76 -3.08 -0.90	46.02 -2.72 -0.17	41.72 -2.52 -0.01	36.55 -2.37 0.00	33.23 -2.16 0.00
LITTLRIV_115KV_TB1 356100	32.34 -0.73 0.00	31.54 -0.81 0.00	31.67 -0.81 0.00	31.29 -0.77 0.00	32.70 -0.84 0.00	35.52 -0.69 0.00	46.43 -1.09 0.00	51.59 -1.38 0.00	44.47 -1.05 0.00	38.51 -1.15 0.00	36.00 -1.31 0.00	32.16 -1.44 0.00	36.91 -1.37 -5.57	35.32 -1.41 -5.38	34.88 -1.33 -5.32	37.27 -1.42 -5.62	41.28 -1.51 -5.87	41.87 -1.26 -2.64	47.50 -1.36 -3.65	50.79 -1.59 2.56	45.36 -1.41 1.80	49.43 -1.46 -6.66	43.93 -1.13 -6.14	40.13 -0.96 -5.70
LI_NEWBRDGE___DRP 323616	35.58 2.51 0.00	34.42 2.07 0.00	34.40 1.92 0.00	33.96 1.89 0.00	35.49 1.95 0.00	38.93 2.72 0.00	51.90 4.18 -0.19	57.68 4.71 0.00	52.81 3.55 -3.74	43.55 3.69 -0.20	41.33 3.47 -0.55	37.46 3.16 -0.70	36.34 3.07 -0.55	35.11 2.98 -0.78	34.40 2.97 -0.55	36.86 3.14 -0.64	40.72 3.58 -0.21	44.74 3.89 -0.36	54.48 4.25 -5.02	62.38 5.00 -2.44	62.02 4.52 -8.94	52.23 4.11 -3.89	42.66 3.74 0.01	38.39 3.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.63 -3.44 0.00	29.11 -3.23 0.00	28.94 -3.54 0.00	28.60 -3.46 0.00	30.02 -3.52 0.00	32.55 -3.66 0.00	42.44 -5.08 0.00	46.77 -6.20 0.00	40.39 -4.96 0.16	35.50 -4.16 0.00	33.99 -3.32 0.00	31.01 -2.59 0.00	30.03 -2.68 0.00	29.00 -2.35 0.00	28.39 -2.50 0.00	30.56 -2.51 0.00	34.01 -2.92 0.00	36.40 -4.09 0.00	41.22 -4.75 -0.76	49.59 -5.66 -0.30	43.71 -4.47 0.39	40.56 -4.25 -0.58	35.81 -3.11 0.00	32.06 -3.33 0.00
LOCKPORT___CC1 323769	29.69 -3.37 0.00	29.11 -3.23 0.00	28.94 -3.54 0.00	28.44 -3.62 0.00	29.99 -3.56 0.00	32.55 -3.66 0.00	42.44 -5.08 0.00	46.72 -6.25 0.00	39.60 -5.69 0.23	36.21 -3.45 0.00	34.17 -3.13 0.00	31.05 -2.56 0.00	30.06 -2.65 0.00	29.03 -2.32 0.00	28.42 -2.47 0.00	30.56 -2.52 0.00	34.01 -2.92 0.00	36.28 -4.21 0.00	41.18 -4.79 -0.77	49.53 -5.72 -0.30	43.46 -4.57 0.54	40.57 -4.25 -0.59	35.81 -3.12 0.00	32.20 -3.18 0.00
LOCKPORT___CC2 323770	29.69 -3.37 0.00	29.11 -3.23 0.00	28.94 -3.54 0.00	28.44 -3.62 0.00	29.99 -3.56 0.00	32.55 -3.66 0.00	42.44 -5.08 0.00	46.72 -6.25 0.00	39.60 -5.69 0.23	36.21 -3.45 0.00	34.17 -3.13 0.00	31.05 -2.56 0.00	30.06 -2.65 0.00	29.03 -2.32 0.00	28.42 -2.47 0.00	30.56 -2.52 0.00	34.01 -2.92 0.00	36.28 -4.21 0.00	41.18 -4.79 -0.77	49.53 -5.72 -0.30	43.46 -4.57 0.54	40.57 -4.25 -0.59	35.81 -3.12 0.00	32.20 -3.18 0.00
LOCKPORT___CC3 323771	29.69 -3.37 0.00	29.11 -3.23 0.00	28.94 -3.54 0.00	28.44 -3.62 0.00	29.99 -3.56 0.00	32.55 -3.66 0.00	42.44 -5.08 0.00	46.72 -6.25 0.00	39.60 -5.69 0.23	36.21 -3.45 0.00	34.17 -3.13 0.00	31.05 -2.56 0.00	30.06 -2.65 0.00	29.03 -2.32 0.00	28.42 -2.47 0.00	30.56 -2.52 0.00	34.01 -2.92 0.00	36.28 -4.21 0.00	41.18 -4.79 -0.77	49.53 -5.72 -0.30	43.46 -4.57 0.54	40.57 -4.25 -0.59	35.81 -3.12 0.00	32.20 -3.18 0.00
LONG_LAKE_PHOENIX 24014	32.27 -0.79 0.00	31.64 -0.71 0.00	31.73 -0.75 0.00	31.33 -0.74 0.00	32.80 -0.74 0.00	35.45 -0.76 0.00	46.62 -0.90 0.00	51.75 -1.22 0.00	44.72 -1.09 -0.30	38.71 -0.95 0.00	36.49 -0.82 0.00	32.90 -0.71 0.00	31.99 -0.72 0.00	30.72 -0.63 0.00	30.27 -0.62 0.00	32.48 -0.60 0.00	36.23 -0.70 0.00	39.56 -0.93 0.00	44.60 -0.99 -0.39	53.95 -1.15 -0.16	48.12 -1.07 -0.62	43.56 -0.97 -0.31	38.03 -0.90 0.00	34.61 -0.78 0.00
LOVETT___3 23632	35.21 2.15 0.00	34.42 2.07 0.00	34.53 2.05 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.49 2.28 0.00	50.52 2.99 0.00	56.73 3.76 0.00	52.45 3.32 -3.60	42.60 2.93 0.00	40.11 2.80 0.00	36.19 2.59 0.00	35.23 2.52 0.00	33.70 2.35 0.00	33.21 2.32 0.00	35.56 2.48 0.00	39.73 2.81 0.00	43.69 3.20 0.00	53.53 3.48 -4.84	61.04 4.18 -1.92	59.88 3.79 -7.53	51.36 3.41 -3.73	41.88 2.96 0.00	37.97 2.58 0.00
LOVETT___4 23642	35.21 2.15 0.00	34.42 2.07 0.00	34.53 2.05 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.49 2.28 0.00	50.52 2.99 0.00	56.73 3.76 0.00	52.45 3.32 -3.60	42.60 2.93 0.00	40.11 2.80 0.00	36.19 2.59 0.00	35.23 2.52 0.00	33.70 2.35 0.00	33.21 2.32 0.00	35.56 2.48 0.00	39.73 2.81 0.00	43.69 3.20 0.00	53.53 3.48 -4.84	61.04 4.18 -1.92	59.88 3.79 -7.53	51.36 3.41 -3.73	41.88 2.96 0.00	37.97 2.58 0.00
LOVETT___5 23593	35.21 2.15 0.00	34.42 2.07 0.00	34.53 2.05 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.49 2.28 0.00	50.52 2.99 0.00	56.73 3.76 0.00	52.45 3.32 -3.60	42.60 2.93 0.00	40.11 2.80 0.00	36.19 2.59 0.00	35.23 2.52 0.00	33.70 2.35 0.00	33.21 2.32 0.00	35.56 2.48 0.00	39.73 2.81 0.00	43.69 3.20 0.00	53.53 3.48 -4.84	61.04 4.18 -1.92	59.88 3.79 -7.53	51.36 3.41 -3.73	41.88 2.96 0.00	37.97 2.58 0.00
LOWER RAQUET___HYD 24057	31.87 -1.19 0.00	31.09 -1.26 0.00	31.21 -1.27 0.00	30.88 -1.19 0.00	32.23 -1.31 0.00	34.98 -1.23 0.00	45.62 -1.90 0.00	50.79 -2.17 0.00	43.97 -1.55 0.00	37.96 -1.70 0.00	35.52 -1.79 0.00	31.75 -1.85 0.00	36.73 -1.77 -5.79	35.15 -1.79 -5.58	34.68 -1.73 -5.52	37.09 -1.82 -5.84	41.30 -1.99 -6.37	41.79 -1.90 -3.20	47.39 -2.08 -4.26	50.68 -2.47 1.79	44.58 -2.23 1.76	49.30 -2.17 -7.24	43.83 -1.75 -6.66	40.02 -1.56 -6.18
LOWER___HUDSON 24059	34.55 1.49 0.00	33.77 1.42 0.00	33.91 1.43 0.00	33.47 1.41 0.00	35.05 1.51 0.00	37.84 1.63 0.00	49.71 2.19 0.00	55.72 2.75 0.00	52.45 2.23 -4.70	41.45 1.79 0.00	38.99 1.68 0.00	35.15 1.55 0.00	34.18 1.47 0.00	32.79 1.44 0.00	32.28 1.39 0.00	34.57 1.49 0.00	38.63 1.70 0.00	42.60 2.10 0.00	53.85 2.39 -6.25	60.49 3.08 -2.47	60.98 2.72 -9.69	51.46 2.43 -4.81	41.03 2.10 0.00	37.19 1.80 0.00
LOWVILLE_115KV_TB2 356335	32.73 -0.33 0.00	32.02 -0.32 0.00	32.12 -0.36 0.00	31.74 -0.32 0.00	33.21 -0.34 0.00	36.06 -0.14 0.00	47.62 0.10 0.00	52.91 -0.05 0.00	45.61 -0.05 -0.14	39.26 -0.40 0.00	36.71 -0.60 0.00	32.96 -0.64 0.00	33.88 -0.59 -1.75	32.38 -0.66 -1.69	31.91 -0.65 -1.67	34.25 -0.60 -1.77	38.26 -0.52 -1.85	41.37 -0.24 -1.12	46.60 -0.18 -1.57	55.11 0.05 -0.11	48.51 0.05 0.11	46.41 -0.04 -2.23	40.74 -0.12 -1.93	37.04 -0.14 -1.79
LUTHERFT_115KV_GLOB_FND_222 355753	34.82 1.75 0.00	34.06 1.71 0.00	34.17 1.69 0.00	33.76 1.70 0.00	35.32 1.78 0.00	38.16 1.96 0.00	50.56 3.04 0.00	56.73 3.76 0.00	53.32 3.05 -4.75	42.00 2.34 0.00	39.47 2.16 0.00	35.52 1.92 0.00	34.51 1.80 0.00	33.14 1.79 0.00	32.59 1.70 0.00	34.89 1.82 0.00	39.07 2.14 0.00	43.08 2.59 0.00	54.58 2.98 -6.39	61.51 4.07 -2.50	61.97 3.59 -9.81	52.23 3.14 -4.87	41.61 2.69 0.00	37.69 2.30 0.00

LUTHERNY_35_KV_BK2 355980	34.82 1.75 0.00	34.06 1.71 0.00	34.17 1.69 0.00	33.79 1.73 0.00	35.35 1.81 0.00	38.16 1.96 0.00	50.56 3.04 0.00	56.78 3.81 0.00	53.36 3.10 -4.75	42.04 2.38 0.00	39.47 2.16 0.00	35.55 1.95 0.00	34.54 1.83 0.00	33.14 1.79 0.00	32.59 1.70 0.00	34.89 1.82 0.00	39.07 2.14 0.00	43.13 2.63 0.00	54.63 3.03 -6.39	61.57 4.12 -2.50	61.97 3.59 -9.81	52.27 3.18 -4.87	41.61 2.69 0.00	37.72 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	32.10 -0.96 0.00	31.38 -0.97 0.00	31.51 -0.97 0.00	31.10 -0.96 0.00	32.54 -1.01 0.00	35.34 -0.87 0.00	46.33 -1.19 0.00	51.54 -1.43 0.00	44.44 -1.18 -0.10	38.35 -1.31 0.00	35.85 -1.46 0.00	32.12 -1.48 0.00	35.38 -1.44 -4.11	33.87 -1.44 -3.97	33.42 -1.39 -3.92	35.80 -1.42 -4.15	39.74 -1.51 -4.33	41.41 -1.34 -2.25	46.90 -1.40 -3.09	52.46 -1.54 0.95	46.27 -1.36 0.94	47.92 -1.33 -5.03	42.32 -1.13 -4.53	38.56 -1.03 -4.20
LYONS_FALL_HYD 23570	33.03 -0.03 0.00	32.31 -0.03 0.00	32.45 -0.03 0.00	32.06 0.00 0.00	33.51 -0.03 0.00	36.39 0.18 0.00	48.00 0.48 0.00	53.44 0.48 0.00	46.06 0.41 -0.13	39.74 0.08 0.00	37.23 -0.07 0.00	33.47 -0.13 0.00	33.75 -0.10 -1.14	32.29 -0.16 -1.10	31.79 -0.18 -1.08	34.09 -0.13 -1.15	38.13 -0.04 -1.24	41.57 0.20 -0.87	46.70 0.27 -1.22	55.92 0.55 -0.43	49.12 0.49 -0.07	46.12 0.35 -1.54	40.46 0.23 -1.30	36.77 0.18 -1.21
MADISON___COUNTY_LFGE 323628	33.56 0.50 0.00	32.90 0.55 0.00	33.00 0.52 0.00	32.58 0.51 0.00	34.08 0.54 0.00	36.93 0.72 0.00	48.76 1.24 0.00	54.45 1.48 0.00	47.06 1.32 -0.22	40.57 0.91 0.00	38.13 0.82 0.00	34.31 0.71 0.00	33.43 0.72 0.00	32.01 0.66 0.00	31.51 0.62 0.00	33.77 0.69 0.00	37.78 0.85 0.00	41.47 0.97 0.00	46.58 1.08 -0.28	56.49 1.43 -0.12	50.29 1.26 -0.46	45.51 1.06 -0.23	39.82 0.90 0.00	36.17 0.78 0.00
MALONE___115KV_TB1 356076	32.40 -0.66 0.00	31.54 -0.81 0.00	31.67 -0.81 0.00	31.23 -0.83 0.00	32.70 -0.84 0.00	35.49 -0.72 0.00	46.57 -0.95 0.00	51.91 -1.06 0.00	44.47 -1.05 0.00	38.51 -1.15 0.00	35.82 -1.49 0.00	31.85 -1.75 0.00	57.01 -1.67 -25.97	54.67 -1.72 -25.04	54.02 -1.64 -24.76	57.50 -1.75 -26.18	62.38 -1.88 -27.33	62.15 -1.82 -23.48	70.11 -2.03 -26.94	73.04 -2.42 -20.52	44.32 -2.19 2.06	73.64 -2.03 -31.45	65.75 -1.75 -28.58	60.37 -1.56 -26.53
MAPLEWOD_115KV_TB3 80458	34.42 1.36 0.00	33.64 1.29 0.00	33.78 1.30 0.00	33.38 1.31 0.00	34.88 1.34 0.00	37.66 1.45 0.00	48.90 1.38 0.00	54.77 1.80 0.00	51.52 1.32 -4.68	40.85 1.19 0.00	38.39 1.08 0.00	34.58 0.97 0.00	33.66 0.95 0.00	32.26 0.91 0.00	31.78 0.90 0.00	34.00 0.93 0.00	38.00 1.07 0.00	42.28 1.78 0.00	53.51 1.99 -6.31	59.91 2.53 -2.44	60.34 2.19 -9.58	50.92 1.95 -4.75	40.72 1.79 0.00	36.95 1.56 0.00
MAPLE_RIDGE_WT_1 323574	32.24 -0.83 0.00	31.57 -0.78 0.00	31.76 -0.71 0.00	31.36 -0.71 0.00	32.74 -0.81 0.00	35.38 -0.83 0.00	46.29 -1.24 0.00	51.64 -1.32 0.00	44.38 -1.14 0.00	38.43 -1.23 0.00	36.04 -1.27 0.00	32.39 -1.21 0.00	31.50 -1.21 0.00	30.16 -1.19 0.00	29.71 -1.17 0.00	31.82 -1.26 0.00	35.56 -1.37 0.00	32.40 -1.34 6.75	37.64 -1.49 6.08	33.44 -1.81 19.69	43.15 -1.60 3.82	42.45 -1.46 0.31	37.64 -1.28 0.00	34.25 -1.13 0.00
MAPLE_RIDGE_WT_2 323611	32.24 -0.83 0.00	31.57 -0.78 0.00	31.76 -0.71 0.00	31.36 -0.71 0.00	32.74 -0.81 0.00	35.38 -0.83 0.00	46.29 -1.24 0.00	51.64 -1.32 0.00	44.38 -1.14 0.00	38.43 -1.23 0.00	36.04 -1.27 0.00	32.39 -1.21 0.00	31.50 -1.21 0.00	30.16 -1.19 0.00	29.71 -1.17 0.00	31.82 -1.26 0.00	35.56 -1.37 0.00	32.40 -1.34 6.75	37.64 -1.49 6.08	33.44 -1.81 19.69	43.15 -1.60 3.82	42.45 -1.46 0.31	37.64 -1.28 0.00	34.25 -1.13 0.00
MARBLE_RIVER_WT_PWR 323696	32.40 -0.66 0.00	31.57 -0.78 0.00	31.67 -0.81 0.00	31.26 -0.80 0.00	32.70 -0.84 0.00	35.45 -0.76 0.00	46.48 -1.05 0.00	51.75 -1.22 0.00	44.48 -1.05 0.00	38.35 -1.31 0.00	35.67 -1.64 0.00	31.79 -1.81 0.00	-7.00 -1.73 37.98	-7.00 -1.72 36.63	-7.00 -1.67 36.22	-7.00 -1.79 38.29	-6.88 -2.03 41.78	-6.97 -2.06 45.40	-6.61 -2.30 49.51	-6.58 -2.75 58.78	43.94 -2.43 2.20	-6.35 -2.25 48.32	-6.74 -1.98 43.68	-6.90 -1.73 40.56
MARSHVLE_115KV_TB1 80742	35.68 2.61 0.00	34.93 2.59 0.00	35.01 2.53 0.00	34.66 2.60 0.00	36.26 2.72 0.00	39.29 3.08 0.00	51.99 4.47 0.00	58.26 5.30 0.00	54.87 3.96 -5.39	42.28 2.62 0.00	39.51 2.20 0.00	35.31 1.71 0.00	34.74 2.03 0.00	33.30 1.94 0.00	32.83 1.95 0.00	35.23 2.15 0.00	39.33 2.40 0.00	43.61 3.12 0.00	56.22 3.75 -7.26	63.29 5.49 -2.85	64.61 4.86 -11.19	54.32 4.55 -5.55	42.66 3.74 0.00	38.57 3.18 0.00
MARSH_HILL_WT_PWR 323713	30.81 -2.25 0.00	30.31 -2.04 0.00	30.40 -2.08 0.00	29.82 -2.25 0.00	31.36 -2.18 0.00	33.82 -2.39 0.00	44.38 -3.14 0.00	49.10 -3.86 0.00	44.68 -4.46 -3.62	36.37 -3.29 0.00	34.10 -3.21 0.00	30.85 -2.75 0.00	29.90 -2.81 0.00	28.81 -2.54 0.00	28.33 -2.56 0.00	30.50 -2.58 0.00	34.05 -2.88 0.00	37.17 -3.32 0.00	42.28 -3.98 -1.05	50.63 -4.73 -0.41	53.22 -3.11 -7.76	42.24 -2.78 -0.81	36.98 -1.95 0.00	33.41 -1.98 0.00
MCINTYRE_115KV_TB2 80467	32.70 -0.36 0.00	31.89 -0.45 0.00	32.06 -0.42 0.00	31.65 -0.42 0.00	33.11 -0.44 0.00	35.92 -0.29 0.00	46.95 -0.57 0.00	52.17 -0.79 0.00	44.84 -0.68 0.00	38.87 -0.79 0.00	36.30 -1.01 0.00	32.46 -1.14 0.00	36.44 -1.08 -4.81	34.83 -1.16 -4.64	34.39 -1.08 -4.59	36.80 -1.12 -4.85	40.85 -1.14 -5.06	41.37 -1.14 -1.73	47.01 -0.86 -2.66	50.21 -0.93 3.80	45.88 -0.83 1.86	49.02 -0.93 -5.73	43.56 -0.66 -5.30	39.74 -0.57 -4.92
MECO_____69_KV_BK1 80468	35.87 2.81 0.00	35.16 2.81 0.00	35.21 2.73 0.00	34.88 2.82 0.00	36.49 2.95 0.00	39.54 3.33 0.00	52.27 4.75 0.00	58.63 5.67 0.00	55.09 4.37 -5.20	42.64 2.97 0.00	39.85 2.54 0.00	35.65 2.05 0.00	34.90 2.19 0.00	33.48 2.13 0.00	32.99 2.10 0.00	35.39 2.32 0.00	39.62 2.70 0.00	44.02 3.52 0.00	56.41 4.20 -7.00	63.79 6.10 -2.75	64.73 5.39 -10.78	54.43 4.86 -5.34	42.90 3.97 0.00	38.79 3.40 0.00
MENANDS___115KV_TB5 355628	34.32 1.26 0.00	33.51 1.16 0.00	33.65 1.17 0.00	33.25 1.19 0.00	34.78 1.24 0.00	37.51 1.30 0.00	48.66 1.14 0.00	54.50 1.54 0.00	51.28 1.09 -4.67	40.69 1.03 0.00	38.20 0.90 0.00	34.44 0.84 0.00	33.50 0.79 0.00	32.14 0.78 0.00	31.66 0.77 0.00	33.87 0.79 0.00	37.81 0.89 0.00	42.11 1.62 0.00	53.28 1.76 -6.30	59.58 2.20 -2.44	60.07 1.94 -9.57	50.69 1.72 -4.74	40.52 1.60 0.00	36.84 1.45 0.00
MG INDUSTRY___DRP 24185	34.15 1.09 0.00	33.41 1.07 0.00	33.58 1.10 0.00	33.19 1.12 0.00	34.68 1.14 0.00	37.37 1.16 0.00	48.80 1.28 0.00	54.56 1.59 0.00	51.29 1.23 -4.54	40.73 1.07 0.00	38.24 0.93 0.00	34.44 0.84 0.00	33.50 0.79 0.00	32.14 0.78 0.00	31.66 0.77 0.00	33.87 0.79 0.00	37.85 0.92 0.00	41.79 1.30 0.00	52.60 1.36 -6.04	59.12 1.81 -2.36	59.50 1.65 -9.28	50.33 1.50 -4.60	40.37 1.44 0.00	36.70 1.31 0.00

MID___OSWEGATCHIE_HYD 23849	32.10 -0.96 0.00	31.38 -0.97 0.00	31.51 -0.97 0.00	31.10 -0.96 0.00	32.54 -1.01 0.00	35.34 -0.87 0.00	46.33 -1.19 0.00	51.54 -1.43 0.00	44.44 -1.18 -0.10	38.35 -1.31 0.00	35.85 -1.46 0.00	32.12 -1.48 0.00	35.38 -1.44 -4.11	33.87 -1.44 -3.97	33.42 -1.39 -3.92	35.80 -1.42 -4.15	39.74 -1.51 -4.33	41.41 -1.34 -2.25	46.90 -1.40 -3.09	52.46 -1.54 0.95	46.27 -1.36 0.94	47.92 -1.33 -5.03	42.32 -1.13 -4.53	38.56 -1.03 -4.20
MID___RAQUETTE_HYD 23851	31.87 -1.19 0.00	31.09 -1.26 0.00	31.21 -1.27 0.00	30.81 -1.25 0.00	32.23 -1.31 0.00	34.98 -1.23 0.00	45.62 -1.90 0.00	50.79 -2.17 0.00	43.79 -1.73 0.00	37.99 -1.67 0.00	35.52 -1.79 0.00	31.75 -1.85 0.00	36.99 -1.77 -6.05	35.40 -1.79 -5.83	34.93 -1.73 -5.77	37.35 -1.82 -6.10	41.30 -1.99 -6.37	41.79 -1.90 -3.20	47.39 -2.08 -4.26	50.68 -2.47 1.79	44.58 -2.23 1.76	49.30 -2.17 -7.24	43.83 -1.75 -6.66	40.02 -1.56 -6.18
MILLIKEN___1 23584	33.20 0.13 0.00	32.61 0.26 0.00	32.67 0.19 0.00	32.26 0.19 0.00	33.78 0.23 0.00	36.57 0.36 0.00	48.23 0.71 0.00	53.55 0.58 0.00	46.80 0.32 -0.96	39.90 0.24 0.00	37.57 0.26 0.00	33.84 0.24 0.00	32.91 0.20 0.00	31.60 0.25 0.00	31.10 0.22 0.00	33.37 0.30 0.00	37.26 0.33 0.00	40.90 0.40 0.00	46.71 0.50 -1.01	56.06 0.71 -0.40	51.17 0.58 -2.02	45.53 0.53 -0.78	39.39 0.47 0.00	35.74 0.35 0.00
MILLIKEN___2 23585	33.20 0.13 0.00	32.61 0.26 0.00	32.67 0.19 0.00	32.26 0.19 0.00	33.78 0.23 0.00	36.57 0.36 0.00	48.23 0.71 0.00	53.55 0.58 0.00	46.80 0.32 -0.96	39.90 0.24 0.00	37.57 0.26 0.00	33.84 0.24 0.00	32.91 0.20 0.00	31.60 0.25 0.00	31.10 0.22 0.00	33.37 0.30 0.00	37.26 0.33 0.00	40.90 0.40 0.00	46.71 0.50 -1.01	56.06 0.71 -0.40	51.17 0.58 -2.02	45.53 0.53 -0.78	39.39 0.47 0.00	35.74 0.35 0.00
MILLIKEN___DIESEL 23629	33.20 0.13 0.00	32.61 0.26 0.00	32.67 0.19 0.00	32.26 0.19 0.00	33.78 0.23 0.00	36.57 0.36 0.00	48.23 0.71 0.00	53.55 0.58 0.00	46.80 0.32 -0.96	39.90 0.24 0.00	37.57 0.26 0.00	33.84 0.24 0.00	32.91 0.20 0.00	31.60 0.25 0.00	31.10 0.22 0.00	33.37 0.30 0.00	37.26 0.33 0.00	40.90 0.40 0.00	46.71 0.50 -1.01	56.06 0.71 -0.40	51.17 0.58 -2.02	45.53 0.53 -0.78	39.39 0.47 0.00	35.74 0.35 0.00
MILLSEAT___LFGE 323607	30.32 -2.74 0.00	29.73 -2.62 0.00	29.62 -2.86 0.00	29.11 -2.95 0.00	30.66 -2.88 0.00	33.35 -2.86 0.00	43.58 -3.94 0.00	48.09 -4.87 0.00	40.94 -4.51 0.07	37.04 -2.62 0.00	34.92 -2.39 0.00	31.65 -1.95 0.00	30.65 -2.06 0.00	29.57 -1.79 0.00	28.97 -1.92 0.00	31.19 -1.88 0.00	34.75 -2.18 0.00	37.21 -3.28 0.00	42.37 -3.57 -0.73	51.00 -4.23 -0.29	45.12 -3.25 0.20	41.60 -3.18 -0.56	36.55 -2.38 0.00	32.95 -2.44 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.38 2.31 0.00	34.54 2.20 0.00	34.66 2.18 0.00	34.18 2.12 0.00	35.75 2.21 0.00	38.64 2.43 0.00	50.88 3.23 -0.13	56.94 3.97 0.00	52.76 3.51 -3.73	42.89 3.09 -0.14	40.65 2.98 -0.35	36.77 2.72 -0.45	35.71 2.65 -0.35	34.34 2.48 -0.51	33.69 2.44 -0.36	36.11 2.61 -0.42	40.03 2.95 -0.14	44.08 3.36 -0.23	53.93 3.71 -5.01	61.67 4.45 -2.28	61.07 3.98 -8.52	51.71 3.63 -3.87	42.04 3.11 0.00	38.11 2.72 0.00
MILLWOOD_13_KV_LOAD 356217	35.44 2.38 0.00	34.58 2.23 0.00	34.72 2.24 0.00	34.24 2.18 0.00	35.79 2.25 0.00	38.67 2.46 0.00	50.93 3.28 -0.13	56.99 4.03 0.00	52.85 3.60 -3.73	42.97 3.17 -0.14	40.72 3.06 -0.35	36.84 2.79 -0.45	35.78 2.72 -0.35	34.37 2.51 -0.51	33.75 2.50 -0.36	36.14 2.65 -0.42	40.10 3.03 -0.14	44.16 3.44 -0.23	54.02 3.80 -5.01	61.84 4.62 -2.28	61.21 4.13 -8.52	51.80 3.71 -3.87	42.08 3.15 0.00	38.19 2.80 0.00
MODEL_CITY_ENERGY 24167	29.39 -3.67 0.00	28.79 -3.56 0.00	28.65 -3.83 0.00	28.15 -3.91 0.00	29.65 -3.89 0.00	32.19 -4.02 0.00	41.91 -5.61 0.00	46.13 -6.83 0.00	39.20 -6.15 0.17	35.85 -3.81 0.00	33.84 -3.47 0.00	30.74 -2.86 0.00	29.80 -2.91 0.00	28.75 -2.60 0.00	28.14 -2.75 0.00	30.26 -2.81 0.00	33.68 -3.25 0.00	35.88 -4.62 0.00	40.78 -5.20 -0.77	49.04 -6.21 -0.31	43.30 -4.86 0.41	40.13 -4.69 -0.60	35.42 -3.50 0.00	31.88 -3.50 0.00
MODERN_LFGE___ 323580	29.39 -3.67 0.00	28.79 -3.56 0.00	28.65 -3.83 0.00	28.15 -3.91 0.00	29.65 -3.89 0.00	32.19 -4.02 0.00	41.91 -5.61 0.00	46.13 -6.83 0.00	39.20 -6.15 0.17	35.85 -3.81 0.00	33.84 -3.47 0.00	30.74 -2.86 0.00	29.80 -2.91 0.00	28.75 -2.60 0.00	28.14 -2.75 0.00	30.26 -2.81 0.00	33.68 -3.25 0.00	35.88 -4.62 0.00	40.78 -5.20 -0.77	49.04 -6.21 -0.31	43.30 -4.86 0.41	40.13 -4.69 -0.60	35.42 -3.50 0.00	31.88 -3.50 0.00
MOHAWK_PAPER___DRP 24187	34.42 1.36 0.00	33.64 1.29 0.00	33.78 1.30 0.00	33.38 1.31 0.00	34.88 1.34 0.00	37.66 1.45 0.00	48.90 1.38 0.00	54.77 1.80 0.00	51.52 1.32 -4.68	40.85 1.19 0.00	38.39 1.08 0.00	34.58 0.97 0.00	33.66 0.95 0.00	32.26 0.91 0.00	31.78 0.90 0.00	34.00 0.93 0.00	38.00 1.07 0.00	42.28 1.78 0.00	53.51 1.99 -6.31	59.91 2.53 -2.44	60.34 2.19 -9.58	50.92 1.95 -4.75	40.72 1.79 0.00	36.95 1.56 0.00
MOHICAN___35_KV_115KV_LD 80490	34.98 1.92 0.00	34.29 1.94 0.00	34.36 1.88 0.00	33.99 1.92 0.00	35.55 2.01 0.00	38.45 2.24 0.00	51.32 3.80 0.00	57.73 4.77 0.00	53.99 3.73 -4.74	42.44 2.78 0.00	39.85 2.54 0.00	35.82 2.22 0.00	34.77 2.06 0.00	33.39 2.04 0.00	32.80 1.92 0.00	35.13 2.05 0.00	39.36 2.44 0.00	43.53 3.04 0.00	55.07 3.48 -6.38	62.39 4.94 -2.50	62.74 4.37 -9.80	52.84 3.76 -4.86	42.12 3.19 0.00	38.11 2.72 0.00
MONGAUP___HYD 23641	34.81 1.75 0.00	34.09 1.75 0.00	34.14 1.66 0.00	33.70 1.63 0.00	35.22 1.68 0.00	38.06 1.85 0.00	50.09 2.56 0.00	55.29 2.33 0.00	50.95 2.05 -3.38	41.84 2.18 0.00	39.36 2.05 0.00	35.48 1.88 0.00	34.54 1.83 0.00	33.08 1.72 0.00	32.62 1.73 0.00	34.93 1.85 0.00	39.11 2.18 0.00	43.17 2.67 0.00	52.74 2.98 -4.55	60.48 3.74 -1.80	58.88 3.25 -7.06	50.60 2.87 -3.50	41.38 2.45 0.00	37.58 2.19 0.00
MONTAUK___DIESEL 23721	34.92 1.85 0.00	33.61 1.26 0.00	33.62 1.14 0.00	33.44 1.38 0.00	35.12 1.58 0.00	38.93 2.72 0.00	51.82 4.09 -0.21	57.94 4.98 0.00	52.90 3.64 -3.74	43.29 3.41 -0.22	40.85 2.95 -0.60	37.12 2.76 -0.76	35.77 2.45 -0.60	34.21 2.01 -0.85	33.37 1.88 -0.60	35.72 1.95 -0.70	39.41 2.25 -0.23	43.76 2.88 -0.39	53.67 3.44 -5.02	61.04 3.63 -2.47	60.95 3.35 -9.03	51.34 3.23 -3.89	41.41 2.49 0.01	37.58 2.19 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.29 -2.78 0.00	29.89 -2.46 0.00	29.69 -2.79 0.00	29.31 -2.76 0.00	30.69 -2.85 0.00	33.20 -3.01 0.00	43.48 -4.04 0.00	47.99 -4.98 0.00	40.80 -4.83 -0.11	35.97 -3.69 0.00	34.10 -3.21 0.00	30.95 -2.65 0.00	29.87 -2.85 0.00	28.84 -2.51 0.00	28.14 -2.75 0.00	30.26 -2.81 0.00	33.75 -3.18 0.00	36.48 -4.01 0.00	40.73 -5.38 -0.90	49.04 -6.26 -0.36	43.64 -5.10 -0.18	40.23 -4.69 -0.70	35.93 -3.00 0.00	32.17 -3.22 0.00

MORRIS RIDGE___SOLAR 323848	30.62 -2.45 0.00	30.05 -2.30 0.00	30.01 -2.47 0.00	29.53 -2.53 0.00	31.10 -2.45 0.00	33.60 -2.61 0.00	43.96 -3.56 0.00	48.52 -4.45 0.00	36.83 -4.74 3.96	36.45 -3.21 0.00	34.25 -3.06 0.00	31.01 -2.59 0.00	30.03 -2.68 0.00	28.91 -2.45 0.00	28.42 -2.47 0.00	30.66 -2.41 0.00	34.23 -2.69 0.00	37.17 -3.32 0.00	42.16 -4.07 -1.02	50.51 -4.84 -0.40	36.13 -3.84 8.60	41.51 -3.49 -0.79	36.47 -2.45 0.00	32.95 -2.44 0.00
MORTIMER_115KV_TB3 55949	31.34 -1.72 0.00	30.76 -1.59 0.00	30.76 -1.72 0.00	30.36 -1.70 0.00	31.83 -1.71 0.00	34.51 -1.70 0.00	45.19 -2.33 0.00	50.05 -2.91 0.00	43.61 -2.37 -0.45	37.72 -1.94 0.00	35.82 -1.49 0.00	32.46 -1.14 0.00	31.50 -1.21 0.00	30.29 -1.07 0.00	29.81 -1.08 0.00	32.02 -1.06 0.00	35.71 -1.22 0.00	38.67 -1.82 0.00	44.10 -1.72 -0.61	53.15 -2.03 -0.24	47.67 -1.85 -0.95	43.10 -1.59 -0.47	37.41 -1.52 0.00	33.83 -1.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.74 2.68 0.00	34.94 2.56 -0.04	35.01 2.53 0.00	34.53 2.47 0.00	36.13 2.55 -0.04	39.03 2.82 0.00	48.83 3.75 2.45	62.83 4.56 -5.31	71.97 4.01 -22.44	40.69 3.57 2.54	34.16 3.40 6.55	28.35 3.12 8.38	29.16 3.04 6.59	24.65 2.82 9.53	26.99 2.81 6.71	28.22 2.98 7.83	37.64 3.40 2.69	40.12 3.85 4.22	103.09 4.20 -53.68	56.56 5.05 3.44	47.41 4.52 5.67	64.95 4.11 -16.62	57.92 3.58 -15.41	38.52 3.15 0.02
MUNSVILLE_WIND_PWR 323609	34.42 1.36 0.00	33.84 1.49 0.00	33.94 1.46 0.00	33.60 1.54 0.00	35.25 1.71 0.00	38.46 2.25 0.00	51.13 3.61 0.00	56.57 3.60 0.00	49.61 2.78 -1.31	41.72 2.06 0.00	39.03 1.72 0.00	35.01 1.41 0.00	34.12 1.41 0.00	32.57 1.22 0.00	31.97 1.08 0.00	34.46 1.39 0.00	38.63 1.70 0.00	42.76 2.27 0.00	49.30 2.53 -1.56	58.91 3.35 -0.62	54.27 2.96 -2.74	47.90 2.47 -1.20	41.03 2.10 0.00	37.19 1.80 0.00
N SALMON___HYD 24042	32.40 -0.66 0.00	31.54 -0.81 0.00	31.67 -0.81 0.00	31.26 -0.80 0.00	32.70 -0.84 0.00	35.49 -0.72 0.00	46.57 -0.95 0.00	51.91 -1.06 0.00	44.61 -0.91 0.00	38.51 -1.15 0.00	35.82 -1.49 0.00	31.85 -1.75 0.00	55.89 -1.67 -24.84	53.59 -1.72 -23.96	52.94 -1.64 -23.69	56.37 -1.75 -25.05	62.38 -1.88 -27.33	62.15 -1.82 -23.48	70.11 -2.03 -26.94	73.05 -2.42 -20.52	44.32 -2.18 2.06	73.64 -2.03 -31.45	65.75 -1.75 -28.58	60.33 -1.59 -26.54
N.AKRON__115KV_KNAPP 355671	30.22 -2.84 0.00	29.69 -2.65 0.00	29.56 -2.92 0.00	29.18 -2.89 0.00	30.66 -2.88 0.00	33.28 -2.93 0.00	43.48 -4.04 0.00	47.99 -4.98 0.00	41.42 -4.01 0.09	36.33 -3.33 0.00	34.70 -2.61 0.00	31.62 -1.98 0.00	30.55 -2.16 0.00	29.50 -1.85 0.00	28.91 -1.98 0.00	31.12 -1.95 0.00	34.67 -2.25 0.00	37.25 -3.24 0.00	42.29 -3.66 -0.74	50.90 -4.34 -0.29	44.98 -3.35 0.24	41.52 -3.27 -0.57	36.51 -2.41 0.00	32.73 -2.65 0.00
N.BELMOR_69_KV_BK1 55787	35.78 2.71 0.00	34.62 2.26 0.00	34.62 2.14 0.00	34.15 2.08 0.00	35.69 2.15 0.00	39.07 2.86 0.00	52.11 4.28 -0.31	57.89 4.93 0.00	53.09 3.82 -3.74	43.87 3.89 -0.32	41.83 3.66 -0.87	38.07 3.36 -1.11	36.86 3.27 -0.87	35.73 3.14 -1.24	34.88 3.12 -0.87	37.40 3.31 -1.02	41.04 3.77 -0.34	45.19 4.13 -0.56	54.75 4.52 -5.02	63.02 5.38 -2.70	63.01 4.86 -9.58	52.54 4.42 -3.89	42.85 3.93 0.01	38.61 3.22 0.00
N.E_GEN_SANDY PD 24062	35.71 1.82 -0.83	34.03 1.68 0.00	34.20 1.72 0.00	33.76 1.70 0.00	35.32 1.78 0.00	38.09 1.88 0.00	50.09 2.56 0.00	56.14 3.18 0.00	53.00 2.78 -4.70	42.00 2.34 0.00	42.00 2.31 -2.38	38.68 2.15 -2.93	37.00 2.10 -2.19	38.33 1.98 -5.00	37.47 1.98 -4.60	37.10 2.05 -1.97	39.80 2.37 -0.51	43.00 2.51 0.00	53.60 2.80 -5.59	60.45 3.30 -2.21	60.20 2.96 -8.67	51.22 2.70 -4.30	41.30 2.37 0.00	37.44 2.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.25 2.18 0.00	34.45 2.10 0.00	34.53 2.05 0.00	34.08 2.02 0.00	35.62 2.08 0.00	38.49 2.28 0.00	50.56 3.04 0.00	56.78 3.81 0.00	52.51 3.41 -3.58	42.67 3.01 0.00	40.14 2.84 0.00	36.22 2.62 0.00	35.26 2.55 0.00	33.73 2.38 0.00	33.27 2.38 0.00	35.59 2.51 0.00	39.81 2.88 0.00	43.77 3.28 0.00	53.59 3.57 -4.81	61.14 4.29 -1.91	59.88 3.84 -7.48	51.38 3.45 -3.71	41.88 2.96 0.00	38.01 2.62 0.00
N.QUEENS_27_KV_LOAD 356247	44.01 2.84 -8.10	38.41 2.72 -3.35	37.60 2.70 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.30 3.08 -0.01	57.64 3.80 -6.32	62.88 4.61 -5.30	72.23 4.28 -22.43	71.70 3.69 -28.35	55.24 3.54 -14.39	55.27 3.26 -18.41	54.46 3.14 -18.61	55.23 2.95 -20.93	55.06 2.93 -21.24	68.62 3.11 -32.44	71.59 3.51 -31.15	110.56 3.85 -66.22	103.07 4.20 -53.66	103.81 5.11 -43.76	95.76 4.52 -42.67	65.08 4.25 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
N.TROY___115KV_TB1 355778	34.55 1.49 0.00	33.77 1.42 0.00	33.91 1.43 0.00	33.51 1.44 0.00	35.05 1.51 0.00	37.84 1.63 0.00	49.71 2.19 0.00	55.72 2.75 0.00	52.45 2.23 -4.70	41.52 1.86 0.00	39.03 1.72 0.00	35.15 1.55 0.00	34.18 1.47 0.00	32.79 1.44 0.00	32.28 1.39 0.00	34.56 1.49 0.00	38.63 1.70 0.00	42.60 2.11 0.00	53.93 2.40 -6.33	60.49 3.08 -2.47	60.98 2.72 -9.70	51.46 2.43 -4.81	41.03 2.10 0.00	37.19 1.80 0.00
NARROWS_GT1_1 24228	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT1_2 24229	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT1_3 24230	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT1_4 24231	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39

NARROWS_GT1_5 24232	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT1_6 24233	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT1_7 24234	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT1_8 24235	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_1 24236	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_2 24237	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_3 24238	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_4 24239	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_5 24240	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_6 24241	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_7 24242	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NARROWS_GT2_8 24243	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.42 4.46 -22.43	71.98 3.97 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.45 1.39 0.00	33.74 1.39 0.00	33.81 1.33 0.00	33.44 1.38 0.00	34.95 1.41 0.00	37.69 1.48 0.00	49.28 1.76 0.00	55.03 2.07 0.00	50.87 0.96 -4.39	41.21 1.55 0.00	38.50 1.19 0.00	34.61 1.01 0.00	33.69 0.98 0.00	32.29 0.94 0.00	31.85 0.96 0.00	34.07 0.99 0.00	38.18 1.26 0.00	42.40 1.90 0.00	52.55 1.54 -5.81	59.09 1.87 -2.28	59.11 1.60 -8.94	49.98 1.33 -4.43	40.64 1.71 0.00	37.02 1.63 0.00
NCHELSEA_115KV_TR2 355582	35.21 2.15 0.00	34.45 2.10 0.00	34.53 2.05 0.00	34.08 2.02 0.00	35.62 2.08 0.00	38.45 2.24 0.00	50.61 3.09 0.00	56.73 3.76 0.00	52.56 3.32 -3.72	42.60 2.93 0.00	40.03 2.72 0.00	36.09 2.49 0.00	35.16 2.45 0.00	33.64 2.29 0.00	33.17 2.29 0.00	35.49 2.41 0.00	39.70 2.77 0.00	43.65 3.16 0.00	53.69 3.48 -5.00	61.16 4.23 -1.98	60.08 3.74 -7.77	51.44 3.36 -3.86	41.81 2.88 0.00	37.97 2.58 0.00
NEG CAPITAL___MECHNVIL 23645	34.85 1.78 0.00	34.09 1.75 0.00	34.20 1.72 0.00	33.79 1.73 0.00	35.39 1.84 0.00	38.20 1.99 0.00	50.52 3.00 0.00	56.73 3.76 0.00	53.25 3.00 -4.73	42.00 2.34 0.00	39.47 2.16 0.00	35.58 1.98 0.00	34.57 1.86 0.00	33.17 1.82 0.00	32.65 1.76 0.00	34.96 1.88 0.00	39.11 2.18 0.00	43.17 2.67 0.00	54.54 3.03 -6.30	61.56 4.12 -2.49	61.94 3.59 -9.77	52.26 3.19 -4.85	41.61 2.68 0.00	37.69 2.30 0.00



NEG CENTRAL_HIGH_ACRES 23767	31.15 -1.92 0.00	30.57 -1.78 0.00	30.60 -1.88 0.00	30.14 -1.92 0.00	31.63 -1.91 0.00	34.29 -1.92 0.00	45.05 -2.47 0.00	49.95 -3.02 0.00	43.32 -2.64 -0.44	37.84 -1.82 0.00	35.67 -1.64 0.00	32.22 -1.38 0.00	31.27 -1.44 0.00	30.07 -1.29 0.00	29.56 -1.33 0.00	31.75 -1.32 0.00	35.38 -1.55 0.00	38.39 -2.11 0.00	43.81 -1.99 -0.59	52.76 -2.42 -0.23	47.29 -2.18 -0.91	42.73 -1.94 -0.45	37.06 -1.87 0.00	33.62 -1.77 0.00
NEG CENTRAL___DRP 24199	32.44 -0.63 0.00	31.86 -0.49 0.00	31.93 -0.55 0.00	31.52 -0.55 0.00	33.04 -0.50 0.00	35.74 -0.47 0.00	47.09 -0.43 0.00	52.28 -0.69 0.00	45.51 -0.77 -0.76	39.03 -0.63 0.00	36.82 -0.49 0.00	33.23 -0.37 0.00	32.29 -0.43 0.00	31.04 -0.31 0.00	30.55 -0.34 0.00	32.78 -0.30 0.00	36.56 -0.37 0.00	39.97 -0.53 0.00	45.31 -0.54 -0.65	54.49 -0.71 -0.26	49.54 -0.63 -1.60	44.24 -0.49 -0.50	38.50 -0.43 0.00	34.93 -0.46 0.00
NEG CENTRAL___INDECK 23768	31.81 -1.26 0.00	31.25 -1.10 0.00	31.25 -1.23 0.00	30.75 -1.32 0.00	32.34 -1.21 0.00	35.12 -1.09 0.00	46.10 -1.42 0.00	50.90 -2.07 0.00	46.53 -2.55 -3.56	37.96 -1.70 0.00	35.63 -1.68 0.00	32.16 -1.44 0.00	31.14 -1.57 0.00	30.00 -1.35 0.00	29.50 -1.39 0.00	31.82 -1.26 0.00	35.60 -1.33 0.00	38.79 -1.70 0.00	44.59 -1.49 -0.87	53.81 -1.48 -0.35	55.23 -0.97 -7.63	43.92 -0.97 -0.67	38.11 -0.82 0.00	34.47 -0.92 0.00
NEG CENTRAL___SENECA 23627	32.30 -0.76 0.00	31.76 -0.58 0.00	31.80 -0.68 0.00	31.39 -0.67 0.00	32.90 -0.64 0.00	35.67 -0.54 0.00	47.00 -0.52 0.00	52.17 -0.79 0.00	45.49 -1.00 -0.97	38.87 -0.79 0.00	36.71 -0.60 0.00	33.16 -0.44 0.00	32.15 -0.56 0.00	30.94 -0.41 0.00	30.46 -0.43 0.00	32.71 -0.36 0.00	36.45 -0.48 0.00	39.85 -0.65 0.00	45.25 -0.68 -0.72	54.24 -0.99 -0.29	49.80 -0.83 -2.06	44.16 -0.62 -0.56	38.46 -0.47 0.00	34.82 -0.57 0.00
NEG CENTRAL___STATE_STREET 24147	32.70 -0.36 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.74 -0.32 0.00	33.27 -0.27 0.00	35.99 -0.22 0.00	47.43 -0.10 0.00	52.70 -0.26 0.00	45.68 -0.32 -0.47	39.42 -0.24 0.00	37.16 -0.15 0.00	33.50 -0.10 0.00	32.58 -0.13 0.00	31.32 -0.03 0.00	30.83 -0.06 0.00	33.08 0.00 0.00	36.85 -0.07 0.00	40.33 -0.16 0.00	45.70 -0.14 -0.63	55.09 -0.11 -0.25	49.41 -0.15 -0.99	44.58 -0.13 -0.49	38.73 -0.19 0.00	35.18 -0.21 0.00
NEG MILLWOOD___DRP 24198	35.41 2.35 0.00	34.61 2.26 0.00	34.72 2.24 0.00	34.24 2.18 0.00	35.82 2.28 0.00	38.67 2.46 0.00	50.90 3.37 0.00	57.04 4.08 0.00	52.88 3.60 -3.76	42.83 3.17 0.00	40.37 3.06 0.00	36.32 2.72 0.00	35.39 2.68 0.00	33.83 2.48 0.00	33.36 2.47 0.00	35.72 2.65 0.00	39.96 3.03 0.00	43.89 3.40 0.00	54.06 3.80 -5.05	61.62 4.67 -2.00	60.55 4.13 -7.86	51.88 3.76 -3.90	42.04 3.11 0.00	38.15 2.76 0.00
NEG NORTH_FLCN_SEA 23793	32.63 -0.43 0.00	31.80 -0.55 0.00	31.86 -0.62 0.00	31.42 -0.64 0.00	32.90 -0.64 0.00	35.67 -0.54 0.00	46.81 -0.71 0.00	52.17 -0.79 0.00	44.66 -0.86 0.00	38.67 -0.99 0.00	35.93 -1.38 0.00	32.16 -1.44 0.00	-5.40 -1.34 36.77	-5.46 -1.35 35.47	-5.45 -1.27 35.07	-5.39 -1.39 37.08	-7.07 -1.55 42.44	-7.05 -1.50 46.04	-6.75 -1.72 50.24	-6.54 -1.98 59.51	44.57 -1.80 2.20	-6.54 -1.68 49.08	-6.93 -1.48 44.37	-7.12 -1.31 41.20
NEG NORTH_KES_CHATEGAY 23792	32.37 -0.69 0.00	31.54 -0.81 0.00	31.64 -0.84 0.00	31.20 -0.87 0.00	32.67 -0.87 0.00	35.41 -0.80 0.00	46.43 -1.09 0.00	51.69 -1.27 0.00	44.25 -1.27 0.00	38.31 -1.35 0.00	35.59 -1.72 0.00	31.65 -1.95 0.00	-8.43 -1.90 39.24	-8.38 -1.88 37.85	-8.33 -1.79 37.43	-8.41 -1.92 39.56	-9.91 -2.10 44.74	-9.87 -2.11 48.26	-9.85 -2.35 52.71	-9.78 -2.80 61.92	43.88 -2.53 2.16	-9.85 -2.34 51.73	-9.87 -2.02 46.77	-9.81 -1.77 43.43
NEG NORTH___ALICE_FALLS 23915	32.63 -0.43 0.00	31.76 -0.58 0.00	31.86 -0.62 0.00	31.39 -0.67 0.00	32.90 -0.64 0.00	35.70 -0.51 0.00	46.90 -0.62 0.00	52.28 -0.69 0.00	44.70 -0.82 0.00	38.71 -0.95 0.00	35.97 -1.34 0.00	32.09 -1.51 0.00	-5.73 -1.28 37.17	-5.81 -1.32 35.85	-5.79 -1.24 35.45	-5.72 -1.32 37.47	-7.32 -1.44 42.81	-7.24 -1.34 46.39	-6.96 -1.54 50.63	-6.76 -1.81 59.89	44.72 -1.65 2.19	-6.78 -1.50 49.50	-7.19 -1.36 44.75	-7.37 -1.20 41.56
NEG NORTH___LWR_SARANAC 23913	32.63 -0.43 0.00	31.76 -0.58 0.00	31.86 -0.62 0.00	31.39 -0.67 0.00	32.90 -0.64 0.00	35.70 -0.51 0.00	46.90 -0.62 0.00	52.28 -0.69 0.00	44.70 -0.82 0.00	38.71 -0.95 0.00	35.97 -1.34 0.00	32.09 -1.51 0.00	-5.73 -1.28 37.17	-5.81 -1.32 35.85	-5.79 -1.24 35.45	-5.72 -1.32 37.47	-7.32 -1.44 42.81	-7.24 -1.34 46.39	-6.96 -1.54 50.63	-6.76 -1.81 59.89	44.72 -1.65 2.19	-6.78 -1.50 49.50	-7.19 -1.36 44.75	-7.37 -1.20 41.56
NEG NORTH___PLATTSBURG 23628	32.63 -0.43 0.00	31.77 -0.58 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.90 -0.64 0.00	35.70 -0.51 0.00	46.90 -0.62 0.00	52.28 -0.69 0.00	44.84 -0.68 0.00	38.67 -0.99 0.00	35.93 -1.38 0.00	32.09 -1.51 0.00	-7.47 -1.28 38.91	-7.49 -1.32 37.53	-7.46 -1.24 37.11	-7.48 -1.32 39.23	-7.32 -1.44 42.80	-7.23 -1.34 46.39	-6.96 -1.54 50.63	-6.76 -1.81 59.89	44.72 -1.65 2.19	-6.78 -1.50 49.50	-7.19 -1.36 44.75	-7.37 -1.20 41.55
NEG WEST_LEA_LOCKPORT 23791	29.63 -3.44 0.00	29.11 -3.23 0.00	28.97 -3.51 0.00	28.60 -3.46 0.00	30.02 -3.52 0.00	32.55 -3.66 0.00	42.44 -5.08 0.00	46.72 -6.25 0.00	40.23 -5.05 0.23	35.50 -4.16 0.00	33.99 -3.32 0.00	31.01 -2.59 0.00	30.03 -2.68 0.00	29.00 -2.35 0.00	28.39 -2.50 0.00	30.56 -2.51 0.00	33.97 -2.95 0.00	36.40 -4.09 0.00	41.18 -4.79 -0.77	49.53 -5.71 -0.30	43.46 -4.57 0.54	40.52 -4.29 -0.59	35.81 -3.11 0.00	32.06 -3.33 0.00
NEG WEST___LANCASTER 23811	30.32 -2.74 0.00	29.79 -2.56 0.00	29.65 -2.83 0.00	29.27 -2.79 0.00	30.76 -2.78 0.00	33.31 -2.90 0.00	43.58 -3.94 0.00	48.41 -4.56 0.00	40.75 -4.69 0.08	36.65 -3.01 0.00	34.88 -2.43 0.00	31.72 -1.88 0.00	30.72 -2.00 0.00	29.63 -1.72 0.00	29.00 -1.88 0.00	31.19 -1.89 0.00	34.79 -2.14 0.00	37.54 -2.96 0.00	40.78 -5.33 -0.90	48.87 -6.43 -0.36	43.21 -5.15 0.21	40.01 -4.91 -0.69	36.71 -2.22 0.00	32.80 -2.58 0.00
NEG_PENN_ALLEGHNY 23528	32.80 -0.27 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.81 -0.26 0.00	33.38 -0.17 0.00	36.07 -0.14 0.00	47.43 -0.09 0.00	52.76 -0.21 0.00	46.23 -0.50 -1.20	39.62 -0.04 0.00	37.31 0.00 0.00	33.63 0.03 0.00	32.71 0.00 0.00	31.41 0.06 0.00	30.92 0.03 0.00	33.14 0.07 0.00	36.96 0.04 0.00	40.45 -0.04 0.00	46.60 -0.22 -1.62	55.31 -0.27 -0.64	50.89 -0.19 -2.51	45.29 -0.18 -1.25	38.96 0.04 0.00	35.39 0.00 0.00
NEG___GEN_MONROE 24207	31.28 -1.79 0.00	30.67 -1.68 0.00	30.63 -1.85 0.00	30.24 -1.83 0.00	31.70 -1.84 0.00	34.44 -1.77 0.00	45.05 -2.47 0.00	49.89 -3.07 0.00	43.26 -2.59 -0.33	37.48 -2.18 0.00	35.59 -1.72 0.00	32.26 -1.34 0.00	31.27 -1.44 0.00	30.10 -1.25 0.00	29.59 -1.30 0.00	31.79 -1.29 0.00	35.49 -1.44 0.00	38.39 -2.11 0.00	43.79 -2.03 -0.61	52.88 -2.31 -0.24	47.31 -1.94 -0.68	42.97 -1.72 -0.47	37.37 -1.56 0.00	33.80 -1.59 0.00

NEPA__ENERGY 23901	30.78 -2.28 0.00	30.28 -2.07 0.00	30.14 -2.34 0.00	29.75 -2.31 0.00	31.23 -2.31 0.00	33.82 -2.39 0.00	44.29 -3.23 0.00	48.94 -4.03 0.00	41.71 -3.82 -0.01	36.92 -2.74 0.00	35.11 -2.20 0.00	31.92 -1.68 0.00	30.91 -1.80 0.00	29.78 -1.57 0.00	29.16 -1.73 0.00	31.36 -1.72 0.00	34.97 -1.96 0.00	37.74 -2.75 0.00	42.23 -3.89 -0.91	50.69 -4.62 -0.36	44.80 -3.74 0.03	41.43 -3.49 -0.70	36.94 -1.99 0.00	33.19 -2.19 0.00
NEVERSink__HYD 23608	34.98 1.92 0.00	34.26 1.91 0.00	34.30 1.82 0.00	33.86 1.79 0.00	35.39 1.84 0.00	38.24 2.03 0.00	50.37 2.85 0.00	56.46 3.49 0.00	51.99 3.10 -3.37	42.24 2.58 0.00	39.73 2.42 0.00	35.82 2.22 0.00	34.87 2.16 0.00	33.39 2.04 0.00	32.90 2.01 0.00	35.22 2.15 0.00	39.44 2.51 0.00	43.41 2.92 0.00	52.95 3.21 -4.53	60.70 3.96 -1.79	59.06 3.45 -7.04	50.76 3.05 -3.49	41.57 2.65 0.00	37.76 2.37 0.00
NEWKRMKL_115KV_TB1 55635	34.12 1.06 0.00	33.32 0.97 0.00	33.45 0.97 0.00	33.06 0.99 0.00	34.58 1.04 0.00	37.30 1.09 0.00	48.47 0.95 0.00	54.29 1.32 0.00	51.04 0.86 -4.66	40.53 0.87 0.00	38.05 0.75 0.00	34.31 0.71 0.00	33.40 0.69 0.00	32.04 0.69 0.00	31.54 0.65 0.00	33.74 0.66 0.00	37.67 0.74 0.00	41.79 1.30 0.00	52.90 1.40 -6.29	59.20 1.81 -2.44	59.69 1.55 -9.57	50.38 1.42 -4.75	40.25 1.32 0.00	36.59 1.20 0.00
NEWTON__FALLS_HYD 23847	32.10 -0.96 0.00	31.38 -0.97 0.00	31.51 -0.97 0.00	31.10 -0.96 0.00	32.54 -1.01 0.00	35.34 -0.87 0.00	46.33 -1.19 0.00	51.54 -1.43 0.00	44.44 -1.18 -0.10	38.35 -1.31 0.00	35.85 -1.46 0.00	32.12 -1.48 0.00	35.38 -1.44 -4.11	33.87 -1.44 -3.97	33.42 -1.39 -3.92	35.80 -1.42 -4.15	39.74 -1.51 -4.33	41.41 -1.34 -2.25	46.90 -1.40 -3.09	52.46 -1.54 0.95	46.27 -1.36 0.94	47.92 -1.33 -5.03	42.32 -1.13 -4.53	38.56 -1.03 -4.20
NGRID_A1_DSASP 323792	29.33 -3.74 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.05 -4.01 0.00	29.58 -3.96 0.00	32.08 -4.13 0.00	41.77 -5.75 0.00	45.87 -7.10 0.00	39.05 -6.28 0.18	35.73 -3.93 0.00	33.76 -3.55 0.00	30.68 -2.92 0.00	29.77 -2.94 0.00	28.75 -2.60 0.00	28.11 -2.78 0.00	30.23 -2.84 0.00	33.60 -3.32 0.00	35.71 -4.78 0.00	40.65 -5.34 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.78 -3.61 0.00
NGRID_A2_DSASP 323793	29.33 -3.74 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.05 -4.01 0.00	29.58 -3.96 0.00	32.08 -4.13 0.00	41.77 -5.75 0.00	45.87 -7.10 0.00	39.05 -6.28 0.18	35.73 -3.93 0.00	33.76 -3.55 0.00	30.68 -2.92 0.00	29.77 -2.94 0.00	28.75 -2.60 0.00	28.11 -2.78 0.00	30.23 -2.84 0.00	33.60 -3.32 0.00	35.71 -4.78 0.00	40.65 -5.34 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.78 -3.61 0.00
NGRID_A4_DSASP 323807	29.33 -3.74 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.05 -4.01 0.00	29.58 -3.96 0.00	32.08 -4.13 0.00	41.77 -5.75 0.00	45.87 -7.10 0.00	39.05 -6.28 0.18	35.73 -3.93 0.00	33.76 -3.55 0.00	30.68 -2.92 0.00	29.77 -2.94 0.00	28.75 -2.60 0.00	28.11 -2.78 0.00	30.23 -2.84 0.00	33.60 -3.32 0.00	35.71 -4.78 0.00	40.65 -5.34 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.78 -3.61 0.00
NIAGARA_115E_LBMP 323715	29.20 -3.87 0.00	28.63 -3.72 0.00	28.45 -4.03 0.00	27.96 -4.10 0.00	29.48 -4.06 0.00	31.97 -4.24 0.00	41.63 -5.89 0.00	45.81 -7.15 0.00	38.92 -6.42 0.18	35.61 -4.05 0.00	33.61 -3.69 0.00	30.54 -3.06 0.00	29.63 -3.08 0.00	28.59 -2.76 0.00	27.95 -2.94 0.00	30.10 -2.98 0.00	33.45 -3.47 0.00	35.63 -4.86 0.00	40.47 -5.52 -0.78	48.66 -6.59 -0.31	43.05 -5.10 0.42	39.87 -4.95 -0.60	35.19 -3.74 0.00	31.67 -3.72 0.00
NIAGARA_115W_LBMP 323714	29.23 -3.83 0.00	28.63 -3.72 0.00	28.48 -4.00 0.00	27.99 -4.07 0.00	29.48 -4.06 0.00	32.01 -4.20 0.00	41.63 -5.89 0.00	45.71 -7.25 0.00	38.97 -6.37 0.18	35.66 -4.00 0.00	33.65 -3.65 0.00	30.58 -3.02 0.00	29.67 -3.04 0.00	28.66 -2.70 0.00	28.02 -2.87 0.00	30.13 -2.94 0.00	33.49 -3.43 0.00	35.59 -4.90 0.00	40.56 -5.43 -0.78	48.71 -6.54 -0.31	42.98 -5.15 0.44	39.91 -4.91 -0.60	35.23 -3.70 0.00	31.71 -3.68 0.00
NIAGARA_230_LBMP 323716	29.59 -3.47 0.00	28.98 -3.36 0.00	28.84 -3.64 0.00	28.34 -3.72 0.00	29.85 -3.69 0.00	32.41 -3.80 0.00	42.15 -5.37 0.00	46.34 -6.62 0.00	39.49 -5.87 0.16	36.05 -3.61 0.00	34.03 -3.28 0.00	30.91 -2.69 0.00	30.00 -2.71 0.00	28.94 -2.41 0.00	28.33 -2.56 0.00	30.43 -2.65 0.00	33.86 -3.06 0.00	36.04 -4.45 0.00	41.01 -4.97 -0.78	49.26 -5.99 -0.31	43.02 -5.15 0.40	40.35 -4.46 -0.60	35.58 -3.35 0.00	32.06 -3.33 0.00
NIAGARA__115KV_198_GIBSON 55903	29.16 -3.90 0.00	28.66 -3.69 0.00	28.48 -4.00 0.00	28.15 -3.91 0.00	29.55 -3.99 0.00	32.01 -4.20 0.00	41.63 -5.89 0.00	45.76 -7.20 0.00	39.88 -5.46 0.18	34.86 -4.80 0.00	33.47 -3.84 0.00	30.54 -3.06 0.00	29.64 -3.07 0.00	28.59 -2.76 0.00	27.98 -2.90 0.00	30.10 -2.98 0.00	33.46 -3.47 0.00	35.76 -4.74 0.00	40.56 -5.42 -0.78	48.71 -6.54 -0.31	42.98 -5.15 0.44	39.91 -4.91 -0.60	35.23 -3.70 0.00	31.53 -3.86 0.00
NIAGARA____ 23760	29.59 -3.47 0.00	28.98 -3.36 0.00	28.84 -3.64 0.00	28.34 -3.72 0.00	29.85 -3.69 0.00	32.41 -3.80 0.00	42.15 -5.37 0.00	46.34 -6.62 0.00	39.49 -5.87 0.16	36.05 -3.61 0.00	34.03 -3.28 0.00	30.91 -2.69 0.00	30.00 -2.71 0.00	28.94 -2.41 0.00	28.33 -2.56 0.00	30.43 -2.65 0.00	33.86 -3.06 0.00	36.04 -4.45 0.00	41.01 -4.97 -0.78	49.26 -5.99 -0.31	43.02 -5.15 0.40	40.36 -4.46 -0.60	35.58 -3.35 0.00	32.06 -3.33 0.00
NINE_MILE_1 23575	32.04 -1.03 0.00	31.41 -0.94 0.00	31.51 -0.97 0.00	31.07 -0.99 0.00	32.54 -1.01 0.00	35.16 -1.05 0.00	46.19 -1.33 0.00	51.22 -1.75 0.00	44.20 -1.55 -0.23	38.39 -1.27 0.00	36.15 -1.16 0.00	32.59 -1.01 0.00	31.73 -0.98 0.00	30.44 -0.91 0.00	29.96 -0.93 0.00	32.12 -0.96 0.00	35.82 -1.11 0.00	39.12 -1.38 0.00	44.03 -1.49 -0.31	53.25 -1.81 -0.12	47.44 -1.60 -0.48	43.00 -1.46 -0.24	37.64 -1.28 0.00	34.25 -1.13 0.00
NINE_MILE_2 23744	32.04 -1.03 0.00	31.41 -0.94 0.00	31.51 -0.97 0.00	31.07 -0.99 0.00	32.54 -1.01 0.00	35.16 -1.05 0.00	46.19 -1.33 0.00	51.27 -1.70 0.00	44.20 -1.55 -0.23	38.39 -1.27 0.00	36.15 -1.16 0.00	32.59 -1.01 0.00	31.73 -0.98 0.00	30.44 -0.91 0.00	29.96 -0.93 0.00	32.12 -0.96 0.00	35.82 -1.11 0.00	39.12 -1.38 0.00	44.02 -1.49 -0.31	53.25 -1.81 -0.12	47.44 -1.60 -0.48	43.00 -1.46 -0.24	37.64 -1.28 0.00	34.25 -1.13 0.00
NM_CAPITAL__DRP 24208	34.25 1.19 0.00	33.45 1.10 0.00	33.58 1.10 0.00	33.19 1.12 0.00	34.72 1.17 0.00	37.44 1.23 0.00	48.57 1.05 0.00	54.40 1.43 0.00	51.13 0.96 -4.66	40.61 0.95 0.00	38.13 0.82 0.00	34.37 0.77 0.00	33.43 0.72 0.00	32.07 0.72 0.00	31.60 0.71 0.00	33.77 0.69 0.00	37.74 0.81 0.00	41.99 1.50 0.00	53.17 1.67 -6.29	59.41 2.03 -2.43	59.91 1.80 -9.54	50.55 1.59 -4.73	40.44 1.52 0.00	36.77 1.38 0.00

NM_CENTRAL___DRP 24181	32.57 -0.50 0.00	31.96 -0.39 0.00	32.02 -0.45 0.00	31.61 -0.45 0.00	33.11 -0.44 0.00	35.77 -0.43 0.00	47.09 -0.43 0.00	52.28 -0.69 0.00	45.49 -0.36 -0.33	39.15 -0.52 0.00	36.94 -0.37 0.00	33.30 -0.30 0.00	32.42 -0.29 0.00	31.10 -0.25 0.00	30.64 -0.25 0.00	33.11 0.03 0.00	36.89 -0.04 0.00	40.05 -0.45 0.00	45.13 -0.50 -0.42	54.57 -0.55 -0.18	48.72 -0.53 -0.69	44.08 -0.49 -0.34	38.46 -0.47 0.00	34.96 -0.42 0.00
NM_FRONTIER___DRP 24179	29.16 -3.90 0.00	28.66 -3.69 0.00	28.48 -4.00 0.00	28.15 -3.91 0.00	29.55 -3.99 0.00	32.01 -4.20 0.00	41.63 -5.89 0.00	45.76 -7.20 0.00	39.88 -5.46 0.18	34.86 -4.80 0.00	33.47 -3.84 0.00	30.54 -3.06 0.00	29.64 -3.07 0.00	28.59 -2.76 0.00	27.98 -2.90 0.00	30.10 -2.98 0.00	33.46 -3.47 0.00	35.76 -4.74 0.00	40.56 -5.42 -0.78	48.71 -6.54 -0.31	42.98 -5.15 0.44	39.91 -4.91 -0.60	35.23 -3.70 0.00	31.53 -3.86 0.00
NM_ST_REGIS___HYD 24053	32.01 -1.06 0.00	31.18 -1.16 0.00	31.31 -1.17 0.00	30.91 -1.15 0.00	32.33 -1.21 0.00	35.09 -1.12 0.00	45.86 -1.66 0.00	51.06 -1.91 0.00	43.97 -1.55 0.00	38.11 -1.55 0.00	35.59 -1.72 0.00	31.75 -1.85 0.00	41.09 -1.77 -10.15	39.35 -1.79 -9.79	38.84 -1.73 -9.68	41.49 -1.82 -10.23	45.62 -1.99 -10.68	45.97 -1.90 -7.38	52.06 -2.08 -8.93	55.27 -2.47 -2.80	44.51 -2.23 1.82	54.28 -2.17 -12.23	48.34 -1.75 -11.17	44.20 -1.56 -10.37
NORTHPORT___1 23551	35.38 2.31 0.00	34.36 2.01 0.00	34.20 1.72 0.00	33.89 1.83 0.00	35.46 1.91 0.00	38.96 2.75 0.00	51.86 4.13 -0.21	57.04 4.08 0.00	52.91 3.64 -3.74	43.45 3.57 -0.22	41.37 3.47 -0.59	37.55 3.19 -0.75	36.41 3.11 -0.59	35.17 2.98 -0.84	34.44 2.97 -0.59	36.87 3.11 -0.68	40.70 3.55 -0.23	44.85 3.97 -0.38	54.59 4.34 -5.04	62.36 4.95 -2.47	62.10 4.52 -9.01	52.27 4.16 -3.89	42.62 3.70 0.00	38.32 2.94 0.00
NORTHPORT___2 23552	35.38 2.31 0.00	34.36 2.01 0.00	34.20 1.72 0.00	33.89 1.83 0.00	35.46 1.91 0.00	38.96 2.75 0.00	51.86 4.13 -0.21	57.04 4.08 0.00	52.91 3.64 -3.74	43.45 3.57 -0.22	41.37 3.47 -0.59	37.55 3.19 -0.75	36.41 3.11 -0.59	35.17 2.98 -0.84	34.44 2.97 -0.59	36.87 3.11 -0.68	40.70 3.55 -0.23	44.85 3.97 -0.38	54.59 4.34 -5.04	62.36 4.95 -2.47	62.10 4.52 -9.01	52.27 4.16 -3.89	42.62 3.70 0.00	38.32 2.94 0.00
NORTHPORT___3 23553	35.68 2.61 0.00	34.62 2.26 0.00	34.53 2.05 0.00	34.15 2.08 0.00	35.70 2.15 0.00	39.18 2.97 0.00	51.77 4.04 -0.21	56.83 3.86 0.00	52.72 3.46 -3.74	43.81 3.93 -0.22	41.67 3.77 -0.59	37.82 3.46 -0.76	36.68 3.37 -0.60	35.42 3.23 -0.84	34.69 3.21 -0.59	37.17 3.41 -0.69	41.00 3.84 -0.23	45.17 4.29 -0.39	54.45 4.21 -5.04	62.30 4.89 -2.47	62.01 4.42 -9.02	52.18 4.07 -3.89	42.97 4.05 0.00	38.61 3.22 0.00
NORTHPORT___4 23650	35.68 2.61 0.00	34.62 2.26 0.00	34.53 2.05 0.00	34.15 2.08 0.00	35.70 2.15 0.00	39.18 2.97 0.00	51.77 4.04 -0.21	56.83 3.86 0.00	52.72 3.46 -3.74	43.81 3.93 -0.22	41.67 3.77 -0.59	37.82 3.46 -0.76	36.68 3.37 -0.60	35.42 3.23 -0.84	34.69 3.21 -0.59	37.17 3.41 -0.69	41.00 3.84 -0.23	45.17 4.29 -0.39	54.45 4.21 -5.04	62.30 4.89 -2.47	62.01 4.42 -9.02	52.18 4.07 -3.89	42.97 4.05 0.00	38.61 3.22 0.00
NORTHPORT___IC 23718	35.58 2.51 0.00	34.36 2.01 0.00	34.30 1.82 0.00	33.89 1.83 0.00	35.46 1.91 0.00	38.96 2.75 0.00	51.86 4.13 -0.21	57.83 4.87 0.00	52.95 3.69 -3.74	43.49 3.61 -0.22	41.37 3.47 -0.59	37.54 3.19 -0.75	36.44 3.14 -0.59	35.17 2.98 -0.84	34.44 2.97 -0.59	36.87 3.11 -0.68	40.70 3.54 -0.23	44.76 3.89 -0.38	54.57 4.34 -5.02	62.19 4.78 -2.47	62.09 4.52 -9.01	52.31 4.20 -3.89	42.58 3.66 0.01	38.43 3.04 0.00
NORTH___COUNTRY_ESR 323785	32.34 -0.73 0.00	31.48 -0.87 0.00	31.57 -0.91 0.00	31.20 -0.86 0.00	32.60 -0.94 0.00	35.34 -0.87 0.00	46.38 -1.14 0.00	51.64 -1.32 0.00	44.38 -1.14 0.00	38.27 -1.39 0.00	35.56 -1.75 0.00	31.62 -1.98 0.00	-9.90 -1.90 40.71	-9.82 -1.91 39.26	-9.76 -1.82 38.83	-9.95 -1.98 41.04	-10.00 -2.14 44.78	-10.00 -2.19 48.31	-10.00 -2.44 52.77	-10.00 -2.97 61.98	43.74 -2.67 2.16	-10.00 -2.43 51.79	-10.00 -2.10 46.82	-10.00 -1.91 43.48
NPX_GEN_1385_PROXY 323591	35.38 2.31 0.00	34.58 2.23 0.00	34.20 1.72 0.00	33.89 1.83 0.00	35.42 1.88 0.00	38.96 2.75 0.00	51.82 4.09 -0.21	57.41 4.45 0.00	53.18 3.92 -3.74	43.29 3.41 -0.22	41.48 3.58 -0.59	37.68 3.33 -0.75	36.67 3.37 -0.59	35.48 3.29 -0.84	34.75 3.27 -0.59	37.20 3.44 -0.68	41.00 3.84 -0.23	44.92 4.05 -0.38	54.68 4.43 -5.04	61.75 4.34 -2.47	61.95 4.37 -9.01	52.27 4.16 -3.89	42.62 3.70 0.00	38.64 3.25 0.00
NPX_GEN_CSC 323557	34.91 1.85 0.00	33.81 1.46 0.00	33.68 1.20 0.00	33.57 1.51 0.00	35.29 1.74 0.00	39.07 2.86 0.00	51.87 4.13 -0.21	57.04 4.08 0.00	52.68 3.42 -3.74	42.94 3.05 -0.22	40.82 2.91 -0.60	37.08 2.72 -0.76	35.93 2.62 -0.60	34.58 2.38 -0.85	33.86 2.38 -0.60	36.22 2.45 -0.70	40.00 2.84 -0.23	44.36 3.48 -0.39	54.40 4.16 -5.04	61.87 4.45 -2.47	61.63 4.03 -9.03	51.87 3.76 -3.89	42.07 3.15 0.00	37.76 2.37 0.00
NSINS_S__GLNS_FALLS 23858	35.01 1.95 0.00	34.29 1.94 0.00	34.40 1.92 0.00	34.02 1.96 0.00	35.59 2.05 0.00	38.45 2.24 0.00	51.37 3.85 0.00	57.84 4.87 0.00	54.09 3.82 -4.74	42.52 2.86 0.00	39.88 2.57 0.00	35.89 2.28 0.00	34.80 2.09 0.00	33.42 2.07 0.00	32.83 1.95 0.00	35.19 2.12 0.00	39.40 2.47 0.00	43.57 3.08 0.00	55.17 3.57 -6.39	62.50 5.05 -2.50	62.79 4.42 -9.81	52.93 3.85 -4.86	42.16 3.23 0.00	38.15 2.76 0.00
NUCOR_STEEL___DRP 24197	32.80 -0.26 0.00	32.19 -0.16 0.00	32.28 -0.19 0.00	31.84 -0.22 0.00	33.37 -0.17 0.00	36.06 -0.14 0.00	47.52 0.00 0.00	52.75 -0.21 0.00	45.70 -0.27 -0.45	39.46 -0.20 0.00	37.20 -0.11 0.00	33.53 -0.07 0.00	32.61 -0.10 0.00	31.32 -0.03 0.00	30.83 -0.06 0.00	33.11 0.03 0.00	36.89 -0.04 0.00	40.37 -0.12 0.00	45.72 -0.09 -0.60	55.13 -0.05 -0.24	49.42 -0.10 -0.95	44.60 -0.09 -0.47	38.81 -0.12 0.00	35.28 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	32.67 -0.40 0.00	31.96 -0.39 0.00	32.09 -0.39 0.00	31.71 -0.35 0.00	33.14 -0.40 0.00	36.03 -0.18 0.00	47.52 0.00 0.00	52.81 -0.16 0.00	45.52 -0.14 -0.14	39.19 -0.47 0.00	36.64 -0.67 0.00	32.89 -0.71 0.00	33.79 -0.65 -1.73	32.30 -0.72 -1.67	31.83 -0.71 -1.65	34.16 -0.66 -1.75	38.24 -0.59 -1.90	41.31 -0.33 -1.15	46.56 -0.27 -1.62	54.97 -0.05 -0.08	48.39 -0.05 0.13	46.39 -0.13 -2.30	40.72 -0.19 -1.99	37.03 -0.21 -1.85
NYISO_LBMP_REFERENCE 24008	33.06 0.00 0.00	32.35 0.00 0.00	32.48 0.00 0.00	32.06 0.00 0.00	33.54 0.00 0.00	36.21 0.00 0.00	47.52 0.00 0.00	52.97 0.00 0.00	45.52 0.00 0.00	39.66 0.00 0.00	37.31 0.00 0.00	33.60 0.00 0.00	32.71 0.00 0.00	31.35 0.00 0.00	30.89 0.00 0.00	33.08 0.00 0.00	36.93 0.00 0.00	40.49 0.00 0.00	45.21 0.00 0.00	54.94 0.00 0.00	48.57 0.00 0.00	44.22 0.00 0.00	38.92 0.00 0.00	35.39 0.00 0.00

NYPA_BRENTWD____GT 24164	35.71 2.65 0.00	34.62 2.26 0.00	34.46 1.98 0.00	34.15 2.08 0.00	35.73 2.18 0.00	39.32 3.11 0.00	52.40 4.66 -0.22	57.62 4.66 0.00	53.36 4.10 -3.74	43.85 3.97 -0.22	41.76 3.84 -0.61	37.90 3.53 -0.78	36.73 3.40 -0.61	35.45 3.23 -0.86	34.71 3.21 -0.61	37.16 3.38 -0.71	41.04 3.88 -0.24	45.30 4.41 -0.40	55.13 4.88 -5.04	63.09 5.66 -2.48	62.77 5.15 -9.05	52.85 4.73 -3.89	43.04 4.12 0.00	38.64 3.25 0.00
NYPA_GOWANUS____GT5 24156	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.92 2.85 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.37 4.41 -22.43	71.94 3.93 -28.35	58.06 3.84 -16.90	58.73 3.49 -21.63	57.20 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.38 -35.45	71.92 3.84 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.39 4.56 -16.61	57.95 3.62 -15.40	54.97 3.19 -16.39
NYPA_GOWANUS____GT6 24157	44.31 3.14 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.92 2.85 -0.01	36.60 2.98 -0.07	39.51 3.29 -0.01	57.69 3.85 -6.32	63.04 4.77 -5.30	72.37 4.41 -22.43	71.94 3.93 -28.35	58.06 3.84 -16.90	58.73 3.49 -21.63	57.20 3.34 -21.15	59.15 3.20 -24.60	57.89 3.18 -23.82	71.90 3.38 -35.45	71.92 3.84 -31.15	110.73 4.01 -66.22	103.27 4.38 -53.67	104.03 5.33 -43.76	96.00 4.76 -42.67	65.39 4.56 -16.61	57.95 3.62 -15.40	54.97 3.19 -16.39
NYPA_HARLEM__RVR__GT1 24160	43.94 2.78 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.70 2.63 -0.01	36.30 2.68 -0.07	39.22 3.00 -0.01	57.54 3.71 -6.31	62.34 4.08 -5.29	72.10 4.14 -22.43	71.53 3.53 -28.34	55.17 3.47 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.56 3.04 -32.44	71.54 3.47 -31.14	110.51 3.81 -66.22	102.99 4.11 -53.67	103.69 5.00 -43.75	95.65 4.42 -42.67	64.95 4.11 -16.61	57.86 3.54 -15.39	54.89 3.11 -16.39
NYPA_HARLEM__RVR__GT2 24161	43.94 2.78 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.70 2.63 -0.01	36.30 2.68 -0.07	39.22 3.00 -0.01	57.54 3.71 -6.31	62.34 4.08 -5.29	72.10 4.14 -22.43	71.53 3.53 -28.34	55.17 3.47 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.56 3.04 -32.44	71.54 3.47 -31.14	110.51 3.81 -66.22	102.99 4.11 -53.67	103.69 5.00 -43.75	95.65 4.42 -42.67	64.95 4.11 -16.61	57.86 3.54 -15.39	54.89 3.11 -16.39
NYPA_KENT____GT 24152	44.21 3.04 -8.10	38.61 2.91 -3.35	37.76 2.86 -2.42	34.86 2.79 -0.01	36.50 2.89 -0.07	39.40 3.19 -0.01	57.74 3.90 -6.32	62.98 4.71 -5.30	72.28 4.33 -22.43	71.82 3.81 -28.35	57.94 3.73 -16.90	58.62 3.39 -21.63	57.13 3.27 -21.15	59.05 3.10 -24.60	57.79 3.09 -23.82	71.80 3.28 -35.45	71.81 3.73 -31.15	110.69 3.97 -66.22	103.22 4.34 -53.67	103.98 5.28 -43.76	95.95 4.71 -42.67	65.30 4.46 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NYPA_POUCH1____GT 24155	44.27 3.11 -8.10	38.67 2.97 -3.35	37.83 2.92 -2.42	34.96 2.89 -0.01	36.67 3.05 -0.07	39.55 3.33 -0.01	57.50 3.66 -6.32	62.87 4.61 -5.30	72.37 4.41 -22.43	72.01 4.00 -28.35	58.13 3.92 -16.90	58.79 3.56 -21.63	57.23 3.37 -21.15	59.21 3.26 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.57 3.85 -66.22	103.09 4.21 -53.67	103.81 5.11 -43.76	95.86 4.62 -42.67	65.39 4.56 -16.61	57.79 3.46 -15.40	54.82 3.04 -16.39
NYPA_VERNON____GT2 24162	44.08 2.91 -8.10	38.48 2.78 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.36 2.75 -0.07	39.29 3.08 -0.01	57.74 3.90 -6.32	62.93 4.66 -5.30	72.19 4.23 -22.43	71.74 3.73 -28.35	57.83 3.62 -16.90	58.56 3.33 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.69 3.97 -66.22	103.22 4.34 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.17 4.34 -16.61	58.03 3.70 -15.40	55.03 3.25 -16.39
NYPA_VERNON____GT3 24163	44.08 2.91 -8.10	38.48 2.78 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.36 2.75 -0.07	39.29 3.08 -0.01	57.74 3.90 -6.32	62.93 4.66 -5.30	72.19 4.23 -22.43	71.74 3.73 -28.35	57.83 3.62 -16.90	58.56 3.33 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.69 3.97 -66.22	103.22 4.34 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.17 4.34 -16.61	58.03 3.70 -15.40	55.03 3.25 -16.39
NYPA__ASTORIA_CC1 323568	44.08 2.91 -8.10	38.48 2.78 -3.35	37.63 2.73 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.29 3.08 -0.01	57.69 3.85 -6.32	62.87 4.61 -5.30	72.14 4.19 -22.43	71.70 3.69 -28.35	57.83 3.62 -16.90	58.53 3.29 -21.63	57.03 3.17 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.69 3.97 -66.22	103.18 4.30 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.12 4.29 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NYPA__ASTORIA_CC2 323569	44.08 2.91 -8.10	38.48 2.78 -3.35	37.63 2.73 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.29 3.08 -0.01	57.69 3.85 -6.32	62.87 4.61 -5.30	72.14 4.19 -22.43	71.70 3.69 -28.35	57.83 3.62 -16.90	58.53 3.29 -21.63	57.03 3.17 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.67 3.14 -35.45	71.66 3.58 -31.15	110.69 3.97 -66.22	103.18 4.30 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.12 4.29 -16.61	57.98 3.66 -15.40	55.00 3.22 -16.39
NYPA__HOLTSVILL 23794	35.38 2.31 0.00	34.29 1.94 0.00	34.17 1.69 0.00	33.92 1.86 0.00	35.53 1.98 0.00	39.14 2.93 0.00	52.10 4.37 -0.21	57.31 4.34 0.00	53.04 3.78 -3.74	43.49 3.61 -0.22	41.38 3.47 -0.60	37.59 3.23 -0.76	36.42 3.11 -0.60	35.12 2.92 -0.85	34.39 2.90 -0.59	36.81 3.04 -0.69	40.63 3.47 -0.23	44.93 4.05 -0.39	54.81 4.56 -5.04	62.58 5.16 -2.47	62.26 4.66 -9.03	52.45 4.34 -3.89	42.66 3.74 0.00	38.29 2.90 0.00
NYPA__HELLGATE_GT1 24158	43.94 2.78 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.70 2.63 -0.01	36.30 2.68 -0.07	39.22 3.00 -0.01	57.54 3.71 -6.31	62.34 4.08 -5.29	72.10 4.14 -22.43	71.53 3.53 -28.34	55.17 3.47 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.52 3.01 -32.44	71.51 3.43 -31.14	110.51 3.81 -66.22	102.99 4.11 -53.67	103.69 5.00 -43.75	95.65 4.42 -42.67	64.90 4.07 -16.61	57.86 3.54 -15.39	54.89 3.11 -16.39
NYPA__HELLGATE_GT2 24159	43.94 2.78 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.70 2.63 -0.01	36.30 2.68 -0.07	39.22 3.00 -0.01	57.54 3.71 -6.31	62.34 4.08 -5.29	72.10 4.14 -22.43	71.53 3.53 -28.34	55.17 3.47 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.52 3.01 -32.44	71.51 3.43 -31.14	110.51 3.81 -66.22	102.99 4.11 -53.67	103.69 5.00 -43.75	95.65 4.42 -42.67	64.90 4.07 -16.61	57.86 3.54 -15.39	54.89 3.11 -16.39
NYS_BARGE__HYD 23848	29.69 -3.37 0.00	29.11 -3.23 0.00	28.94 -3.54 0.00	28.44 -3.62 0.00	29.99 -3.56 0.00	32.55 -3.66 0.00	42.44 -5.08 0.00	46.72 -6.25 0.00	39.67 -5.69 0.16	36.25 -3.41 0.00	34.17 -3.13 0.00	31.05 -2.56 0.00	30.09 -2.62 0.00	29.03 -2.32 0.00	28.42 -2.47 0.00	30.56 -2.52 0.00	34.01 -2.92 0.00	36.28 -4.21 0.00	41.22 -4.75 -0.76	49.59 -5.66 -0.30	43.71 -4.47 0.39	40.56 -4.25 -0.58	35.81 -3.12 0.00	32.24 -3.15 0.00

OAK ORCHARD___HYD 24046	31.38 -1.69 0.00	30.76 -1.58 0.00	30.76 -1.72 0.00	30.30 -1.76 0.00	31.80 -1.75 0.00	34.51 -1.70 0.00	45.19 -2.33 0.00	50.05 -2.91 0.00	43.52 -2.46 -0.45	38.11 -1.55 0.00	35.93 -1.38 0.00	32.49 -1.11 0.00	31.50 -1.21 0.00	30.32 -1.03 0.00	29.81 -1.08 0.00	32.02 -1.06 0.00	35.71 -1.22 0.00	38.63 -1.86 0.00	44.10 -1.72 -0.61	53.15 -2.03 -0.24	47.71 -1.80 -0.94	43.10 -1.59 -0.47	37.41 -1.52 0.00	33.90 -1.48 0.00
OAKDALE___35_KV_LOAD 356122	32.80 -0.26 0.00	32.15 -0.19 0.00	32.25 -0.23 0.00	31.84 -0.22 0.00	33.34 -0.20 0.00	35.99 -0.22 0.00	47.33 -0.19 0.00	52.65 -0.32 0.00	46.31 -0.41 -1.20	39.46 -0.20 0.00	37.23 -0.07 0.00	33.60 0.00 0.00	32.68 -0.03 0.00	31.35 0.00 0.00	30.86 -0.03 0.00	33.08 0.00 0.00	36.93 0.00 0.00	40.37 -0.12 0.00	46.50 -0.32 -1.61	55.20 -0.38 -0.64	50.77 -0.29 -2.50	45.20 -0.27 -1.24	38.92 0.00 0.00	35.28 -0.11 0.00
OCC_CHEM___DRP 24175	29.26 -3.80 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.22 -3.85 0.00	29.62 -3.92 0.00	32.12 -4.09 0.00	41.77 -5.75 0.00	45.92 -7.04 0.00	39.92 -5.42 0.18	34.98 -4.68 0.00	33.58 -3.73 0.00	30.64 -2.96 0.00	29.73 -2.98 0.00	28.69 -2.66 0.00	28.08 -2.81 0.00	30.20 -2.88 0.00	33.57 -3.36 0.00	35.84 -4.66 0.00	40.65 -5.33 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.64 -3.75 0.00
OH_GEN_PROXY 24063	29.66 -3.40 0.00	29.05 -3.30 0.00	28.91 -3.57 0.00	28.41 -3.66 0.00	29.92 -3.62 0.00	32.48 -3.73 0.00	42.29 -5.23 0.00	46.50 -6.46 0.00	39.69 -5.74 0.09	36.13 -3.53 0.00	34.10 -3.21 0.00	30.98 -2.62 0.00	30.06 -2.65 0.00	29.00 -2.35 0.00	28.39 -2.50 0.00	30.53 -2.55 0.00	33.94 -2.99 0.00	36.20 -4.29 0.00	41.10 -4.88 -0.78	49.43 -5.83 -0.31	43.31 -5.00 0.26	40.44 -4.38 -0.60	35.66 -3.27 0.00	32.13 -3.26 0.00
OLIN_CORP_DRP 24177	29.23 -3.84 0.00	28.69 -3.66 0.00	28.55 -3.93 0.00	28.18 -3.88 0.00	29.62 -3.92 0.00	32.08 -4.13 0.00	41.77 -5.75 0.00	45.92 -7.04 0.00	39.83 -5.51 0.18	34.94 -4.72 0.00	33.54 -3.77 0.00	30.61 -2.99 0.00	29.67 -3.04 0.00	28.62 -2.73 0.00	28.02 -2.87 0.00	30.16 -2.91 0.00	33.53 -3.40 0.00	35.84 -4.66 0.00	40.62 -5.38 -0.79	48.83 -6.43 -0.31	43.10 -5.05 0.41	39.96 -4.86 -0.61	35.30 -3.62 0.00	31.60 -3.79 0.00
OLIN_CORP_DSASP 323712	29.33 -3.74 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.05 -4.01 0.00	29.58 -3.96 0.00	32.08 -4.13 0.00	41.77 -5.75 0.00	45.87 -7.10 0.00	39.05 -6.28 0.18	35.73 -3.93 0.00	33.76 -3.55 0.00	30.68 -2.92 0.00	29.77 -2.94 0.00	28.75 -2.60 0.00	28.11 -2.78 0.00	30.23 -2.84 0.00	33.60 -3.32 0.00	35.71 -4.78 0.00	40.65 -5.34 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.78 -3.61 0.00
ONEIDA_HERK_LFGE 323681	33.26 0.20 0.00	32.54 0.20 0.00	32.68 0.20 0.00	32.26 0.19 0.00	33.74 0.20 0.00	36.61 0.40 0.00	48.28 0.76 0.00	53.76 0.80 0.00	46.33 0.68 -0.12	40.06 0.40 0.00	37.57 0.26 0.00	33.77 0.17 0.00	33.74 0.20 -0.83	32.31 0.16 -0.80	31.81 0.12 -0.80	34.08 0.17 -0.84	38.13 0.29 -0.91	41.76 0.53 -0.74	46.81 0.59 -1.01	56.44 0.88 -0.62	49.51 0.77 -0.17	46.00 0.62 -1.16	40.38 0.50 -0.95	36.70 0.43 -0.88
ONEIDA___115KV_TB4 55905	33.56 0.50 0.00	32.90 0.55 0.00	33.00 0.52 0.00	32.58 0.51 0.00	34.08 0.54 0.00	36.93 0.72 0.00	48.76 1.24 0.00	54.45 1.48 0.00	47.06 1.32 -0.22	40.57 0.91 0.00	38.13 0.82 0.00	34.31 0.71 0.00	33.43 0.72 0.00	32.01 0.66 0.00	31.51 0.62 0.00	33.77 0.69 0.00	37.78 0.85 0.00	41.47 0.97 0.00	46.58 1.08 -0.28	56.49 1.43 -0.12	50.29 1.26 -0.46	45.51 1.06 -0.23	39.82 0.90 0.00	36.17 0.78 0.00
ONONDAGA_REF_OCCRA 23987	32.70 -0.36 0.00	32.06 -0.29 0.00	32.15 -0.32 0.00	31.74 -0.32 0.00	33.24 -0.30 0.00	35.92 -0.29 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.79 -0.14 -0.41	39.30 -0.36 0.00	37.05 -0.26 0.00	33.40 -0.20 0.00	32.51 -0.20 0.00	31.20 -0.16 0.00	30.73 -0.15 0.00	33.21 0.13 0.00	37.04 0.11 0.00	40.21 -0.28 0.00	45.42 -0.32 -0.52	54.83 -0.33 -0.22	49.08 -0.34 -0.85	44.34 -0.31 -0.42	38.61 -0.31 0.00	35.11 -0.28 0.00
ONONDAGA___COGEN 23986	32.73 -0.33 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.77 -0.29 0.00	33.27 -0.27 0.00	35.96 -0.25 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.54 -0.36 -0.38	39.30 -0.36 0.00	37.05 -0.26 0.00	33.43 -0.17 0.00	32.51 -0.20 0.00	31.23 -0.13 0.00	30.73 -0.15 0.00	33.04 -0.03 0.00	36.85 -0.07 0.00	40.21 -0.28 0.00	45.39 -0.32 -0.50	54.82 -0.33 -0.20	49.02 -0.34 -0.79	44.30 -0.31 -0.39	38.61 -0.31 0.00	35.11 -0.28 0.00
ONTARIO___LFGE 23819	32.34 -0.73 0.00	31.77 -0.58 0.00	31.80 -0.68 0.00	31.33 -0.74 0.00	32.90 -0.64 0.00	35.67 -0.54 0.00	46.95 -0.57 0.00	52.12 -0.85 0.00	45.36 -1.14 -0.97	39.07 -0.59 0.00	36.75 -0.56 0.00	33.16 -0.44 0.00	32.15 -0.56 0.00	30.94 -0.41 0.00	30.46 -0.43 0.00	32.71 -0.36 0.00	36.45 -0.48 0.00	39.84 -0.65 0.00	45.26 -0.68 -0.72	54.24 -0.99 -0.29	49.80 -0.83 -2.06	44.16 -0.62 -0.56	38.46 -0.47 0.00	34.86 -0.53 0.00
ORANGEVILLE_WT_PWR 323706	30.12 -2.94 0.00	29.53 -2.81 0.00	29.46 -3.02 0.00	29.02 -3.05 0.00	30.52 -3.02 0.00	33.02 -3.19 0.00	43.10 -4.42 0.00	47.51 -5.45 0.00	37.36 -5.42 2.74	36.09 -3.57 0.00	33.95 -3.36 0.00	30.74 -2.86 0.00	29.77 -2.94 0.00	28.69 -2.67 0.00	28.14 -2.75 0.00	30.33 -2.74 0.00	33.83 -3.10 0.00	36.57 -3.93 0.00	41.37 -4.79 -0.95	49.61 -5.72 -0.38	37.93 -4.66 5.98	40.71 -4.25 -0.73	35.89 -3.04 0.00	32.38 -3.01 0.00
ORANGEVILLE___ESR 323794	30.12 -2.94 0.00	29.53 -2.81 0.00	29.46 -3.02 0.00	29.02 -3.05 0.00	30.52 -3.02 0.00	33.02 -3.19 0.00	43.10 -4.42 0.00	47.51 -5.45 0.00	37.36 -5.42 2.74	36.09 -3.57 0.00	33.95 -3.36 0.00	30.74 -2.86 0.00	29.77 -2.94 0.00	28.69 -2.67 0.00	28.14 -2.75 0.00	30.33 -2.74 0.00	33.83 -3.10 0.00	36.57 -3.93 0.00	41.37 -4.79 -0.95	49.61 -5.72 -0.38	37.93 -4.66 5.98	40.71 -4.25 -0.73	35.89 -3.04 0.00	32.38 -3.01 0.00
OSWEGATCHIE___HYD 24044	32.10 -0.96 0.00	31.38 -0.97 0.00	31.51 -0.97 0.00	31.13 -0.93 0.00	32.54 -1.01 0.00	35.34 -0.87 0.00	46.34 -1.19 0.00	51.54 -1.43 0.00	44.53 -1.09 -0.10	38.35 -1.31 0.00	35.85 -1.46 0.00	32.12 -1.48 0.00	35.21 -1.44 -3.94	33.71 -1.44 -3.80	33.25 -1.39 -3.75	35.62 -1.42 -3.97	39.74 -1.52 -4.33	41.41 -1.34 -2.25	46.90 -1.40 -3.09	52.46 -1.54 0.95	46.27 -1.36 0.94	47.92 -1.33 -5.03	42.32 -1.13 -4.53	38.56 -1.03 -4.20
OSWEGO___5 23606	32.24 -0.83 0.00	31.57 -0.78 0.00	31.70 -0.78 0.00	31.26 -0.80 0.00	32.74 -0.81 0.00	35.38 -0.83 0.00	46.48 -1.05 0.00	51.59 -1.38 0.00	44.51 -1.27 -0.27	38.67 -0.99 0.00	36.41 -0.90 0.00	32.83 -0.77 0.00	31.93 -0.79 0.00	30.66 -0.69 0.00	30.18 -0.71 0.00	32.35 -0.73 0.00	36.08 -0.85 0.00	39.40 -1.09 0.00	44.39 -1.18 -0.36	53.66 -1.43 -0.14	47.86 -1.26 -0.55	43.35 -1.15 -0.27	37.91 -1.01 0.00	34.50 -0.88 0.00

OSWEGO___6 23613	32.24 -0.83 0.00	31.57 -0.78 0.00	31.70 -0.78 0.00	31.26 -0.80 0.00	32.74 -0.81 0.00	35.38 -0.83 0.00	46.48 -1.05 0.00	51.59 -1.38 0.00	44.51 -1.27 -0.27	38.67 -0.99 0.00	36.41 -0.90 0.00	32.83 -0.77 0.00	31.93 -0.79 0.00	30.66 -0.69 0.00	30.18 -0.71 0.00	32.35 -0.73 0.00	36.08 -0.85 0.00	39.40 -1.09 0.00	44.39 -1.18 -0.36	53.66 -1.43 -0.14	47.86 -1.26 -0.55	43.35 -1.15 -0.27	37.91 -1.01 0.00	34.50 -0.88 0.00
OUTOKUMPU-AB___DRP 24206	29.86 -3.21 0.00	29.34 -3.01 0.00	29.17 -3.31 0.00	28.79 -3.27 0.00	30.29 -3.25 0.00	32.81 -3.40 0.00	42.77 -4.75 0.00	47.14 -5.83 0.00	40.65 -4.64 0.22	35.85 -3.81 0.00	34.32 -2.98 0.00	31.35 -2.25 0.00	30.36 -2.36 0.00	29.31 -2.04 0.00	28.66 -2.22 0.00	30.83 -2.25 0.00	34.31 -2.62 0.00	36.77 -3.73 0.00	41.53 -4.48 -0.79	49.93 -5.33 -0.31	43.81 -4.23 0.53	40.85 -3.98 -0.61	36.16 -2.76 0.00	32.34 -3.04 0.00
OXBOW___BTM 323836	29.59 -3.47 0.00	28.98 -3.36 0.00	28.84 -3.64 0.00	28.31 -3.75 0.00	29.85 -3.69 0.00	32.41 -3.80 0.00	42.20 -5.32 0.00	46.45 -6.52 0.00	39.44 -5.87 0.20	36.13 -3.53 0.00	34.10 -3.21 0.00	30.98 -2.62 0.00	30.03 -2.68 0.00	29.00 -2.35 0.00	28.36 -2.53 0.00	30.50 -2.58 0.00	33.94 -2.99 0.00	36.16 -4.33 0.00	41.07 -4.93 -0.79	49.38 -5.88 -0.31	43.37 -4.71 0.49	40.45 -4.38 -0.61	35.69 -3.23 0.00	32.13 -3.26 0.00
OXBOW____ 24026	29.53 -3.54 0.00	29.02 -3.33 0.00	28.84 -3.64 0.00	28.47 -3.59 0.00	29.92 -3.62 0.00	32.41 -3.80 0.00	42.25 -5.27 0.00	46.50 -6.46 0.00	40.26 -5.05 0.20	35.38 -4.28 0.00	33.91 -3.40 0.00	30.98 -2.62 0.00	30.00 -2.72 0.00	28.97 -2.38 0.00	28.36 -2.53 0.00	30.50 -2.58 0.00	33.90 -3.03 0.00	36.28 -4.21 0.00	41.07 -4.93 -0.79	49.38 -5.88 -0.31	43.37 -4.71 0.49	40.41 -4.42 -0.61	35.73 -3.19 0.00	31.96 -3.43 0.00
OXY_CHEM_DSASP 323612	29.26 -3.80 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.22 -3.85 0.00	29.62 -3.92 0.00	32.12 -4.09 0.00	41.77 -5.75 0.00	45.92 -7.04 0.00	39.92 -5.42 0.18	34.98 -4.68 0.00	33.58 -3.73 0.00	30.64 -2.96 0.00	29.73 -2.98 0.00	28.69 -2.66 0.00	28.08 -2.81 0.00	30.20 -2.88 0.00	33.57 -3.36 0.00	35.84 -4.66 0.00	40.65 -5.33 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.64 -3.75 0.00
OZONE_PARK_ESR 323760	44.13 2.98 -8.10	38.50 2.81 -3.34	37.69 2.79 -2.42	34.79 2.73 0.00	36.39 2.78 -0.07	39.36 3.15 0.00	57.13 4.23 -5.38	63.34 5.08 -5.29	72.36 4.42 -22.43	70.96 3.93 -27.37	55.42 3.73 -14.38	55.43 3.43 -18.40	54.65 3.34 -18.61	55.38 3.10 -20.93	55.21 3.09 -21.23	68.81 3.31 -32.43	70.77 3.73 -30.12	109.38 4.29 -64.60	103.51 4.66 -53.65	102.27 5.66 -41.66	91.14 5.10 -37.47	65.38 4.55 -16.60	58.28 3.97 -15.39	55.24 3.47 -16.38
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	29.26 -3.80 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.22 -3.85 0.00	29.62 -3.92 0.00	32.12 -4.09 0.00	41.77 -5.75 0.00	45.92 -7.04 0.00	39.92 -5.42 0.18	34.98 -4.68 0.00	33.58 -3.73 0.00	30.64 -2.96 0.00	29.73 -2.98 0.00	28.69 -2.66 0.00	28.08 -2.81 0.00	30.20 -2.88 0.00	33.57 -3.36 0.00	35.84 -4.66 0.00	40.65 -5.33 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.64 -3.75 0.00
PACKARD__115KV_DUPONT_184 80571	29.26 -3.80 0.00	28.72 -3.62 0.00	28.58 -3.90 0.00	28.22 -3.85 0.00	29.62 -3.92 0.00	32.12 -4.09 0.00	41.77 -5.75 0.00	45.92 -7.04 0.00	39.92 -5.42 0.18	34.98 -4.68 0.00	33.58 -3.73 0.00	30.64 -2.96 0.00	29.73 -2.98 0.00	28.69 -2.66 0.00	28.08 -2.81 0.00	30.20 -2.88 0.00	33.57 -3.36 0.00	35.84 -4.66 0.00	40.65 -5.33 -0.78	48.88 -6.37 -0.31	43.02 -5.10 0.45	40.05 -4.78 -0.60	35.34 -3.58 0.00	31.64 -3.75 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.98 2.81 -8.10	38.35 2.65 -3.35	37.53 2.63 -2.42	34.70 2.63 -0.01	36.27 2.65 -0.07	39.19 2.97 -0.01	57.55 3.71 -6.32	62.77 4.50 -5.30	72.10 4.14 -22.43	71.62 3.61 -28.35	55.17 3.47 -14.39	55.20 3.19 -18.41	54.40 3.07 -18.61	55.17 2.88 -20.93	55.00 2.87 -21.24	68.56 3.04 -32.44	71.55 3.47 -31.15	110.48 3.77 -66.22	103.03 4.16 -53.66	103.70 5.00 -43.76	95.71 4.47 -42.67	64.99 4.16 -16.61	57.87 3.54 -15.40	54.89 3.11 -16.39
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.01 2.84 -8.10	38.38 2.68 -3.35	37.60 2.70 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.26 3.04 -0.01	57.60 3.75 -6.32	62.82 4.56 -5.30	72.14 4.19 -22.43	71.58 3.57 -28.35	55.17 3.47 -14.39	55.17 3.16 -18.41	54.40 3.07 -18.61	55.14 2.85 -20.93	54.97 2.84 -21.24	68.49 2.98 -32.44	71.48 3.40 -31.15	110.44 3.73 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.76 4.52 -42.67	65.08 4.25 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
PATROON__115KV_TB1 80586	34.19 1.12 0.00	33.41 1.07 0.00	33.55 1.07 0.00	33.15 1.09 0.00	34.65 1.11 0.00	37.37 1.16 0.00	48.61 1.09 0.00	54.45 1.48 0.00	51.20 1.00 -4.67	40.65 0.99 0.00	38.17 0.86 0.00	34.41 0.81 0.00	33.50 0.79 0.00	32.10 0.75 0.00	31.63 0.74 0.00	33.84 0.76 0.00	37.78 0.85 0.00	41.91 1.42 0.00	53.06 1.54 -6.31	59.37 1.98 -2.45	59.92 1.75 -9.60	50.53 1.55 -4.76	40.37 1.44 0.00	36.70 1.31 0.00
PATTRSNVILLE__SOLAR 323815	35.15 2.08 0.00	34.42 2.07 0.00	34.53 2.05 0.00	34.15 2.08 0.00	35.72 2.18 0.00	38.64 2.43 0.00	50.95 3.42 0.00	56.99 4.02 0.00	53.60 3.00 -5.08	41.64 1.98 0.00	38.95 1.64 0.00	34.88 1.28 0.00	34.18 1.47 0.00	32.79 1.44 0.00	32.31 1.42 0.00	34.63 1.55 0.00	38.81 1.88 0.00	42.96 2.47 0.00	55.06 3.08 -6.78	62.02 4.40 -2.68	62.97 3.89 -10.51	52.98 3.54 -5.21	41.88 2.96 0.00	37.90 2.51 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	30.29 -2.78 0.00	29.76 -2.59 0.00	29.62 -2.86 0.00	29.24 -2.82 0.00	30.72 -2.82 0.00	33.31 -2.90 0.00	43.53 -3.99 0.00	48.31 -4.66 0.00	40.83 -4.51 0.18	36.57 -3.09 0.00	34.85 -2.46 0.00	31.75 -1.85 0.00	30.75 -1.96 0.00	29.66 -1.69 0.00	29.04 -1.85 0.00	31.22 -1.85 0.00	34.79 -2.14 0.00	37.50 -3.00 0.00	41.20 -4.88 -0.87	49.46 -5.82 -0.34	43.43 -4.71 0.43	40.47 -4.42 -0.67	36.71 -2.22 0.00	32.80 -2.58 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	35.41 2.35 0.00	34.61 2.26 0.00	34.72 2.24 0.00	34.24 2.18 0.00	35.82 2.28 0.00	38.67 2.46 0.00	50.90 3.37 0.00	57.04 4.08 0.00	52.88 3.60 -3.76	42.83 3.17 0.00	40.37 3.06 0.00	36.32 2.72 0.00	35.39 2.68 0.00	33.83 2.48 0.00	33.36 2.47 0.00	35.72 2.65 0.00	39.96 3.03 0.00	43.89 3.40 0.00	54.06 3.80 -5.05	61.62 4.67 -2.00	60.55 4.13 -7.86	51.88 3.76 -3.90	42.04 3.11 0.00	38.15 2.76 0.00
PEEKSKILL____ 23653	35.34 2.28 0.00	34.55 2.20 0.00	34.66 2.18 0.00	34.18 2.12 0.00	35.72 2.18 0.00	38.60 2.39 0.00	50.84 3.18 -0.13	56.94 3.97 0.00	52.71 3.46 -3.73	42.81 3.01 -0.14	40.61 2.95 -0.35	36.74 2.69 -0.45	35.68 2.62 -0.35	34.31 2.45 -0.51	33.69 2.44 -0.36	36.08 2.58 -0.42	40.03 2.96 -0.14	44.12 3.40 -0.23	53.94 3.71 -5.02	61.73 4.51 -2.28	61.12 4.03 -8.52	51.72 3.63 -3.87	42.04 3.12 0.00	38.11 2.73 0.00

PGE MADISON___WINDPWR 24146	34.42 1.36 0.00	33.84 1.49 0.00	33.94 1.46 0.00	33.60 1.54 0.00	35.25 1.71 0.00	38.46 2.25 0.00	51.13 3.61 0.00	56.57 3.60 0.00	49.61 2.78 -1.31	41.72 2.06 0.00	39.03 1.72 0.00	35.01 1.41 0.00	34.12 1.41 0.00	32.57 1.22 0.00	31.97 1.08 0.00	34.46 1.39 0.00	38.63 1.70 0.00	42.76 2.27 0.00	49.30 2.53 -1.56	58.91 3.35 -0.62	54.27 2.96 -2.74	47.90 2.47 -1.20	41.03 2.10 0.00	37.19 1.80 0.00
PIERCEFIELD___HYD 23852	31.87 -1.19 0.00	31.09 -1.26 0.00	31.21 -1.27 0.00	30.81 -1.25 0.00	32.23 -1.31 0.00	34.98 -1.23 0.00	45.62 -1.90 0.00	50.79 -2.17 0.00	43.79 -1.73 0.00	37.99 -1.67 0.00	35.52 -1.79 0.00	31.75 -1.85 0.00	36.99 -1.77 -6.05	35.40 -1.79 -5.83	34.93 -1.73 -5.77	37.35 -1.82 -6.10	41.30 -1.99 -6.37	41.79 -1.90 -3.20	47.39 -2.08 -4.26	50.68 -2.47 1.79	44.58 -2.23 1.76	49.30 -2.17 -7.24	43.83 -1.75 -6.66	40.02 -1.56 -6.18
PINELAWN_CC_1 323563	35.64 2.58 0.00	34.55 2.20 0.00	34.46 1.98 0.00	34.08 2.02 0.00	35.66 2.11 0.00	39.18 2.97 0.00	52.22 4.47 -0.24	57.36 4.39 0.00	53.13 3.87 -3.74	43.75 3.85 -0.25	41.67 3.69 -0.67	37.84 3.39 -0.85	36.65 3.27 -0.67	35.43 3.13 -0.95	34.67 3.12 -0.67	37.16 3.31 -0.78	40.96 3.77 -0.26	45.18 4.25 -0.43	54.90 4.66 -5.04	62.97 5.49 -2.53	62.70 4.96 -9.17	52.63 4.51 -3.89	42.93 4.01 0.00	38.57 3.19 0.00
PJM_GEN_HTP_PROXY 323702	35.71 2.65 0.00	34.82 2.52 0.05	34.98 2.50 0.00	34.50 2.44 0.00	35.97 2.48 0.05	39.04 2.83 0.00	54.55 3.75 -3.27	57.57 4.56 -0.05	53.25 3.96 -3.77	46.55 3.49 -3.40	49.46 3.39 -8.75	47.89 3.09 -11.20	44.53 3.01 -8.81	46.91 2.82 -12.74	42.64 2.78 -8.97	46.52 2.98 -10.47	43.88 3.36 -3.59	50.02 3.89 -5.64	54.51 4.21 -5.10	69.31 5.11 -9.25	79.00 4.56 -25.87	52.20 4.07 -3.91	42.56 3.58 -0.06	38.53 3.11 -0.03
PJM_GEN_KEystone 24065	33.53 -0.10 -0.57	32.48 -0.10 -0.23	32.46 -0.19 -0.17	31.81 -0.26 0.00	33.35 -0.20 0.00	36.07 -0.14 0.00	47.66 -0.24 -0.38	53.07 -0.26 -0.37	48.43 -0.50 -3.41	41.78 0.20 -1.92	38.62 0.30 -1.01	35.26 0.37 -1.29	34.34 0.33 -1.31	33.17 0.35 -1.47	32.66 0.28 -1.49	35.68 0.33 -2.27	39.41 0.37 -2.11	45.22 0.20 -4.52	51.54 -0.14 -6.46	58.77 -0.16 -3.99	55.02 0.00 -6.45	47.43 -0.04 -3.25	40.39 0.39 -1.08	36.75 0.21 -1.15
PJM_GEN_NEPTUNE_PROXY 323594	35.45 2.38 0.00	34.39 2.04 0.00	34.33 1.85 0.00	33.95 1.89 0.00	35.46 1.91 0.00	38.89 2.68 0.00	51.85 4.13 -0.19	56.88 3.92 0.00	52.77 3.51 -3.74	43.47 3.61 -0.20	41.29 3.43 -0.55	37.43 3.13 -0.70	36.34 3.07 -0.55	35.11 2.98 -0.78	34.40 2.97 -0.55	36.86 3.14 -0.64	40.69 3.55 -0.21	44.74 3.89 -0.36	54.45 4.21 -5.04	62.38 5.00 -2.44	62.02 4.52 -8.94	52.18 4.07 -3.89	42.62 3.70 0.00	38.32 2.94 0.00
PJM_GEN_VFT_PROXY 323633	43.84 2.68 -8.10	38.24 2.55 -3.34	37.43 2.54 -2.42	34.53 2.47 0.00	36.13 2.52 -0.07	39.04 2.83 0.00	56.70 3.80 -5.38	62.81 4.56 -5.29	71.86 3.92 -22.43	70.48 3.45 -27.37	55.01 3.32 -14.38	55.06 3.06 -18.40	54.32 3.01 -18.61	55.07 2.79 -20.93	54.90 2.78 -21.23	68.48 2.98 -32.43	70.37 3.32 -30.12	108.98 3.89 -64.60	103.07 4.21 -53.66	101.72 5.11 -41.66	90.65 4.62 -37.47	64.89 4.07 -16.61	58.01 3.70 -15.39	55.03 3.25 -16.38
PLATSBURG_115KV_PMLD1 355749	32.63 -0.43 0.00	31.76 -0.58 0.00	31.86 -0.62 0.00	31.39 -0.67 0.00	32.87 -0.67 0.00	35.67 -0.54 0.00	46.81 -0.71 0.00	52.12 -0.85 0.00	44.66 -0.86 0.00	38.67 -0.99 0.00	35.93 -1.38 0.00	32.12 -1.48 0.00	-5.40 -1.34 36.77	-5.46 -1.35 35.46	-5.47 -1.30 35.07	-5.38 -1.39 37.07	-7.10 -1.59 42.44	-7.04 -1.50 46.03	-6.74 -1.72 50.23	-6.59 -2.03 59.50	44.57 -1.80 2.20	-6.53 -1.68 49.08	-6.96 -1.52 44.37	-7.15 -1.34 41.20
PLEASANTVLY___LBMP 24000	35.08 2.02 0.00	34.26 1.91 0.00	34.40 1.92 0.00	33.96 1.89 0.00	35.49 1.95 0.00	38.31 2.10 0.00	50.33 2.80 0.00	56.46 3.50 0.00	52.50 3.10 -3.88	42.40 2.74 0.00	39.92 2.61 0.00	35.99 2.39 0.00	35.03 2.32 0.00	33.55 2.19 0.00	33.05 2.16 0.00	35.36 2.28 0.00	39.51 2.58 0.00	43.41 2.92 0.00	53.63 3.21 -5.21	60.86 3.85 -2.07	60.12 3.45 -8.11	51.38 3.14 -4.02	41.65 2.72 0.00	37.79 2.41 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.41 2.35 0.00	34.58 2.23 0.00	34.72 2.24 0.00	34.24 2.18 0.00	35.79 2.25 0.00	38.71 2.50 0.00	50.59 3.28 0.21	57.04 4.08 0.00	52.88 3.60 -3.76	42.61 3.17 0.22	39.79 3.06 0.57	35.66 2.79 0.73	34.85 2.72 0.58	33.06 2.54 0.83	32.80 2.50 0.59	35.07 2.68 0.69	39.72 3.03 0.24	43.57 3.44 0.37	54.01 3.75 -5.05	60.98 4.51 -1.53	59.33 4.08 -6.68	51.79 3.67 -3.90	42.07 3.15 0.00	38.18 2.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.41 2.35 0.00	34.58 2.23 0.00	34.72 2.24 0.00	34.24 2.18 0.00	35.79 2.25 0.00	38.71 2.50 0.00	50.59 3.28 0.21	57.04 4.08 0.00	52.88 3.60 -3.76	42.61 3.17 0.22	39.79 3.06 0.57	35.66 2.79 0.73	34.85 2.72 0.58	33.06 2.54 0.83	32.80 2.50 0.59	35.07 2.68 0.69	39.72 3.03 0.24	43.57 3.44 0.37	54.01 3.75 -5.05	60.98 4.51 -1.53	59.33 4.08 -6.68	51.79 3.67 -3.90	42.07 3.15 0.00	38.18 2.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.18 2.12 0.00	34.39 2.04 0.00	34.49 2.01 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.42 2.21 0.00	50.52 2.99 0.00	56.62 3.65 0.00	52.53 3.23 -3.77	42.52 2.86 0.00	40.00 2.69 0.00	36.05 2.45 0.00	35.10 2.39 0.00	33.61 2.26 0.00	33.14 2.25 0.00	35.42 2.35 0.00	39.59 2.66 0.00	43.53 3.04 0.00	53.66 3.35 -5.10	61.03 4.07 -2.02	60.10 3.59 -7.94	51.34 3.18 -3.94	41.69 2.76 0.00	37.87 2.48 0.00
POLETTI___ 23519	43.94 2.78 -8.10	38.34 2.65 -3.34	37.53 2.63 -2.42	34.63 2.57 0.00	36.22 2.62 -0.07	39.14 2.93 0.00	56.84 3.94 -5.37	63.02 4.77 -5.29	72.09 4.14 -22.43	70.76 3.73 -27.37	55.23 3.54 -14.37	55.25 3.26 -18.39	54.48 3.17 -18.60	55.22 2.95 -20.92	55.05 2.93 -21.22	68.61 3.11 -32.42	70.59 3.54 -30.11	109.10 4.01 -64.59	103.19 4.34 -53.65	101.88 5.27 -41.66	90.78 4.76 -37.46	65.07 4.25 -16.60	58.05 3.74 -15.39	55.06 3.29 -16.38
POMONA___ESR 323819	35.25 2.18 0.00	34.45 2.10 0.00	34.53 2.05 0.00	34.05 1.99 0.00	35.62 2.08 0.00	38.49 2.28 0.00	50.57 3.04 0.00	56.78 3.82 0.00	52.47 3.37 -3.58	42.60 2.93 0.00	40.14 2.83 0.00	36.22 2.62 0.00	35.26 2.55 0.00	33.73 2.38 0.00	33.27 2.38 0.00	35.59 2.51 0.00	39.81 2.88 0.00	43.77 3.28 0.00	53.60 3.57 -4.82	61.14 4.29 -1.91	59.88 3.84 -7.48	51.38 3.45 -3.71	41.92 3.00 0.00	38.01 2.62 0.00
PORT_JEFF_3 23555	35.51 2.45 0.00	34.39 2.04 0.00	34.26 1.79 0.00	34.02 1.96 0.00	35.63 2.08 0.00	39.25 3.04 0.00	52.25 4.52 -0.21	57.46 4.50 0.00	53.18 3.92 -3.74	43.65 3.77 -0.22	41.52 3.62 -0.60	37.72 3.36 -0.76	36.55 3.24 -0.60	35.24 3.04 -0.85	34.48 3.00 -0.60	36.92 3.14 -0.70	40.78 3.62 -0.23	45.09 4.21 -0.39	54.99 4.75 -5.04	62.86 5.44 -2.47	62.50 4.90 -9.03	52.63 4.51 -3.89	42.81 3.89 0.00	38.43 3.04 0.00

PORT_JEFF_4 23616	35.51 2.45 0.00	34.39 2.04 0.00	34.26 1.79 0.00	34.02 1.96 0.00	35.63 2.08 0.00	39.25 3.04 0.00	52.25 4.52 -0.21	57.46 4.50 0.00	53.18 3.92 -3.74	43.65 3.77 -0.22	41.52 3.62 -0.60	37.72 3.36 -0.76	36.55 3.24 -0.60	35.24 3.04 -0.85	34.48 3.00 -0.60	36.92 3.14 -0.70	40.78 3.62 -0.23	45.09 4.21 -0.39	54.99 4.75 -5.04	62.86 5.44 -2.47	62.50 4.90 -9.03	52.63 4.51 -3.89	42.81 3.89 0.00	38.43 3.04 0.00
PORT_JEFF_IC 23713	35.68 2.61 0.00	34.42 2.07 0.00	34.36 1.88 0.00	34.02 1.96 0.00	35.66 2.11 0.00	39.32 3.11 0.00	52.25 4.51 -0.21	58.26 5.30 0.00	53.27 4.01 -3.74	43.73 3.85 -0.22	41.56 3.66 -0.60	37.76 3.39 -0.77	36.59 3.27 -0.60	35.28 3.07 -0.85	34.51 3.03 -0.60	36.95 3.18 -0.70	40.82 3.66 -0.23	45.09 4.21 -0.39	55.03 4.79 -5.02	62.81 5.38 -2.48	62.56 4.95 -9.04	52.71 4.60 -3.89	42.85 3.93 0.01	38.54 3.15 0.00
PPL_PILGRIM_ST_GT1 24216	35.71 2.65 0.00	34.62 2.26 0.00	34.46 1.98 0.00	34.15 2.08 0.00	35.73 2.18 0.00	39.32 3.11 0.00	52.40 4.66 -0.22	57.62 4.66 0.00	53.36 4.10 -3.74	43.85 3.97 -0.22	41.76 3.84 -0.61	37.90 3.53 -0.78	36.73 3.40 -0.61	35.45 3.23 -0.86	34.71 3.21 -0.61	37.16 3.38 -0.71	41.04 3.88 -0.24	45.30 4.41 -0.40	55.13 4.88 -5.04	63.09 5.66 -2.48	62.77 5.15 -9.05	52.85 4.73 -3.89	43.04 4.12 0.00	38.64 3.25 0.00
PPL_PILGRIM_ST_GT2 24217	35.71 2.65 0.00	34.62 2.26 0.00	34.46 1.98 0.00	34.15 2.08 0.00	35.73 2.18 0.00	39.32 3.11 0.00	52.40 4.66 -0.22	57.62 4.66 0.00	53.36 4.10 -3.74	43.85 3.97 -0.22	41.76 3.84 -0.61	37.90 3.53 -0.78	36.73 3.40 -0.61	35.45 3.23 -0.86	34.71 3.21 -0.61	37.16 3.38 -0.71	41.04 3.88 -0.24	45.30 4.41 -0.40	55.13 4.88 -5.04	63.09 5.66 -2.48	62.77 5.15 -9.05	52.85 4.73 -3.89	43.04 4.12 0.00	38.64 3.25 0.00
PPL_SHRM_GT3 24213	34.95 1.88 0.00	33.81 1.46 0.00	33.68 1.20 0.00	33.60 1.54 0.00	35.32 1.78 0.00	39.11 2.90 0.00	51.87 4.13 -0.21	57.10 4.13 0.00	52.68 3.42 -3.74	42.98 3.10 -0.22	40.85 2.95 -0.60	37.12 2.76 -0.76	35.93 2.62 -0.60	34.62 2.41 -0.85	33.90 2.41 -0.60	36.25 2.48 -0.70	40.04 2.88 -0.23	44.40 3.52 -0.39	54.45 4.21 -5.04	61.93 4.51 -2.48	61.73 4.13 -9.03	51.96 3.85 -3.89	42.11 3.19 0.00	37.79 2.41 0.00
PPL_SHRM_GT4 24214	34.95 1.88 0.00	33.81 1.46 0.00	33.68 1.20 0.00	33.60 1.54 0.00	35.32 1.78 0.00	39.11 2.90 0.00	51.87 4.13 -0.21	57.10 4.13 0.00	52.68 3.42 -3.74	42.98 3.10 -0.22	40.85 2.95 -0.60	37.12 2.76 -0.76	35.93 2.62 -0.60	34.62 2.41 -0.85	33.90 2.41 -0.60	36.25 2.48 -0.70	40.04 2.88 -0.23	44.40 3.52 -0.39	54.45 4.21 -5.04	61.93 4.51 -2.48	61.73 4.13 -9.03	51.96 3.85 -3.89	42.11 3.19 0.00	37.79 2.41 0.00
PROJECT___ORANGE 1 24174	32.60 -0.46 0.00	31.96 -0.39 0.00	32.06 -0.42 0.00	31.65 -0.42 0.00	33.14 -0.40 0.00	35.81 -0.40 0.00	47.09 -0.43 0.00	52.28 -0.69 0.00	45.58 -0.27 -0.33	39.18 -0.48 0.00	36.94 -0.37 0.00	33.33 -0.27 0.00	32.42 -0.29 0.00	31.13 -0.22 0.00	30.67 -0.22 0.00	33.17 0.10 0.00	36.96 0.04 0.00	40.05 -0.45 0.00	45.18 -0.45 -0.42	54.57 -0.55 -0.18	48.73 -0.53 -0.70	44.08 -0.49 -0.35	38.50 -0.43 0.00	35.00 -0.39 0.00
PROJECT___ORANGE 2 24166	32.60 -0.46 0.00	31.96 -0.39 0.00	32.06 -0.42 0.00	31.65 -0.42 0.00	33.14 -0.40 0.00	35.81 -0.40 0.00	47.09 -0.43 0.00	52.28 -0.69 0.00	45.58 -0.27 -0.33	39.18 -0.48 0.00	36.94 -0.37 0.00	33.33 -0.27 0.00	32.42 -0.29 0.00	31.13 -0.22 0.00	30.67 -0.22 0.00	33.17 0.10 0.00	36.96 0.04 0.00	40.05 -0.45 0.00	45.18 -0.45 -0.42	54.57 -0.55 -0.18	48.73 -0.53 -0.70	44.08 -0.49 -0.35	38.50 -0.43 0.00	35.00 -0.39 0.00
PUCKETT___SOLAR 323809	33.30 0.23 0.00	32.67 0.32 0.00	32.74 0.26 0.00	32.32 0.26 0.00	33.88 0.34 0.00	36.68 0.47 0.00	48.38 0.86 0.00	53.71 0.74 0.00	47.03 0.27 -1.24	40.10 0.44 0.00	37.68 0.37 0.00	33.94 0.34 0.00	33.04 0.33 0.00	31.67 0.31 0.00	31.17 0.28 0.00	33.44 0.36 0.00	37.41 0.48 0.00	41.10 0.61 0.00	47.42 0.54 -1.66	56.37 0.77 -0.66	51.88 0.73 -2.58	46.08 0.57 -1.28	39.59 0.66 0.00	35.92 0.53 0.00
PYRITES___HYD 24023	32.50 -0.56 0.00	31.70 -0.65 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.90 -0.64 0.00	35.74 -0.47 0.00	46.76 -0.76 0.00	51.91 -1.06 0.00	44.70 -0.82 0.00	38.71 -0.95 0.00	36.15 -1.16 0.00	32.32 -1.28 0.00	36.90 -1.24 -5.43	35.31 -1.29 -5.24	34.87 -1.20 -5.18	37.30 -1.26 -5.48	41.32 -1.33 -5.72	41.91 -1.05 -2.47	47.59 -1.08 -3.47	50.90 -1.26 2.79	45.69 -1.07 1.81	49.52 -1.19 -6.49	44.01 -0.90 -5.98	40.16 -0.78 -5.55
QUAKERRD_115KV_BK1 80622	31.01 -2.05 0.00	30.44 -1.91 0.00	30.47 -2.01 0.00	30.08 -1.99 0.00	31.50 -2.05 0.00	34.15 -2.06 0.00	44.77 -2.76 0.00	49.63 -3.34 0.00	43.18 -2.78 -0.44	37.32 -2.34 0.00	35.37 -1.94 0.00	32.06 -1.55 0.00	31.08 -1.64 0.00	29.88 -1.47 0.00	29.41 -1.48 0.00	31.59 -1.49 0.00	35.19 -1.74 0.00	38.23 -2.27 0.00	43.53 -2.26 -0.58	52.43 -2.75 -0.23	47.00 -2.48 -0.91	42.51 -2.17 -0.45	36.86 -2.06 0.00	33.41 -1.98 0.00
QUEENSBRY_115KV_TB8 356137	35.01 1.95 0.00	34.32 1.97 0.00	34.43 1.95 0.00	34.02 1.96 0.00	35.59 2.05 0.00	38.49 2.28 0.00	51.51 3.99 0.00	58.00 5.03 0.00	54.22 3.96 -4.74	42.60 2.93 0.00	39.96 2.65 0.00	35.95 2.35 0.00	34.87 2.16 0.00	33.48 2.13 0.00	32.90 2.01 0.00	35.23 2.15 0.00	39.47 2.55 0.00	43.65 3.16 0.00	55.26 3.66 -6.39	62.66 5.22 -2.50	62.94 4.57 -9.81	53.02 3.94 -4.86	42.23 3.31 0.00	38.22 2.83 0.00
RAMAPO___LBMP 323565	35.05 1.98 0.00	34.26 1.91 0.00	34.36 1.88 0.00	33.89 1.83 0.00	35.42 1.88 0.00	38.31 2.10 0.00	50.28 2.76 0.00	56.41 3.44 0.00	52.16 3.10 -3.54	42.40 2.74 0.00	39.92 2.61 0.00	35.99 2.39 0.00	35.03 2.32 0.00	33.55 2.19 0.00	33.05 2.16 0.00	35.36 2.28 0.00	39.55 2.62 0.00	43.49 3.00 0.00	53.22 3.25 -4.76	60.73 3.90 -1.89	59.51 3.55 -7.40	51.08 3.18 -3.67	41.65 2.72 0.00	37.79 2.41 0.00
RANKINE____ 23646	30.15 -2.91 0.00	29.63 -2.72 0.00	29.49 -2.99 0.00	29.11 -2.95 0.00	30.59 -2.95 0.00	33.13 -3.08 0.00	43.29 -4.23 0.00	47.78 -5.19 0.00	40.68 -4.51 0.33	36.25 -3.41 0.00	34.62 -2.69 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.09 -3.40 0.00	41.58 -4.48 -0.85	49.95 -5.33 -0.33	43.38 -4.42 0.76	40.89 -3.98 -0.65	36.43 -2.49 0.00	32.59 -2.80 0.00
RAVENSWOOD_GT2_1 24244	43.90 2.74 -8.10	38.26 2.59 -3.33	37.49 2.60 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.68 3.47 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39



RAVENSWOOD_GT2_2 24245	43.90 2.74 -8.10	38.26 2.59 -3.33	37.49 2.60 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.68 3.47 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
RAVENSWOOD_GT2_3 24246	43.90 2.74 -8.10	38.29 2.62 -3.33	37.49 2.60 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.69 3.85 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.66 3.65 -28.35	57.68 3.47 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.58 2.87 -23.82	71.57 3.04 -35.45	71.55 3.47 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.85 4.61 -42.67	65.04 4.20 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
RAVENSWOOD_GT2_4 24247	43.90 2.74 -8.10	38.29 2.62 -3.33	37.49 2.60 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.69 3.85 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.66 3.65 -28.35	57.68 3.47 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.58 2.87 -23.82	71.57 3.04 -35.45	71.55 3.47 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.85 4.61 -42.67	65.04 4.20 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
RAVENSWOOD_GT3_1 24248	43.90 2.74 -8.10	38.26 2.59 -3.33	37.49 2.60 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.68 3.47 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.17 4.29 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
RAVENSWOOD_GT3_2 24249	43.90 2.74 -8.10	38.26 2.59 -3.33	37.49 2.60 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.68 3.47 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.17 4.29 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
RAVENSWOOD_GT3_3 24250	43.94 2.78 -8.10	38.29 2.62 -3.33	37.53 2.63 -2.42	34.63 2.57 0.00	36.21 2.62 -0.05	39.14 2.93 0.00	57.69 3.85 -6.32	62.98 4.71 -5.30	72.10 4.14 -22.43	71.70 3.69 -28.35	57.72 3.51 -16.90	58.42 3.19 -21.63	56.96 3.11 -21.15	58.87 2.92 -24.60	57.61 2.90 -23.82	71.60 3.08 -35.45	71.55 3.47 -31.15	110.68 3.97 -66.22	103.21 4.34 -53.66	103.92 5.22 -43.76	95.90 4.66 -42.67	65.08 4.25 -16.61	57.99 3.66 -15.40	55.04 3.26 -16.39
RAVENSWOOD_GT3_4 24251	43.94 2.78 -8.10	38.29 2.62 -3.33	37.53 2.63 -2.42	34.63 2.57 0.00	36.21 2.62 -0.05	39.14 2.93 0.00	57.69 3.85 -6.32	62.98 4.71 -5.30	72.10 4.14 -22.43	71.70 3.69 -28.35	57.72 3.51 -16.90	58.42 3.19 -21.63	56.96 3.11 -21.15	58.87 2.92 -24.60	57.61 2.90 -23.82	71.60 3.08 -35.45	71.55 3.47 -31.15	110.68 3.97 -66.22	103.21 4.34 -53.66	103.92 5.22 -43.76	95.90 4.66 -42.67	65.08 4.25 -16.61	57.99 3.66 -15.40	55.04 3.26 -16.39
RAVENSWOOD_GT_1 23729	44.08 2.91 -8.10	38.48 2.78 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.40 2.78 -0.07	39.33 3.11 -0.01	57.74 3.90 -6.32	63.03 4.77 -5.30	72.23 4.28 -22.43	71.78 3.77 -28.35	57.83 3.62 -16.90	58.56 3.33 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.64 3.93 -66.22	103.21 4.34 -53.66	103.86 5.16 -43.76	95.90 4.66 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
RAVENSWOOD_GT_10 24258	43.90 2.74 -8.10	38.26 2.59 -3.33	37.46 2.57 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.65 3.43 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
RAVENSWOOD_GT_11 24259	43.90 2.74 -8.10	38.26 2.59 -3.33	37.46 2.57 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.65 3.43 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
RAVENSWOOD_GT_4 24252	43.88 2.71 -8.10	38.25 2.56 -3.34	37.43 2.53 -2.42	34.57 2.50 -0.01	36.16 2.55 -0.07	39.08 2.86 -0.01	57.64 3.80 -6.32	62.93 4.66 -5.30	72.01 4.05 -22.43	71.58 3.57 -28.35	57.65 3.43 -16.90	58.36 3.12 -21.63	56.90 3.04 -21.15	58.80 2.85 -24.60	57.52 2.81 -23.82	71.53 3.01 -35.45	71.48 3.40 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
RAVENSWOOD_GT_5 24254	43.88 2.71 -8.10	38.25 2.56 -3.34	37.43 2.53 -2.42	34.57 2.50 -0.01	36.16 2.55 -0.07	39.08 2.86 -0.01	57.64 3.80 -6.32	62.93 4.66 -5.30	72.01 4.05 -22.43	71.58 3.57 -28.35	57.65 3.43 -16.90	58.36 3.12 -21.63	56.90 3.04 -21.15	58.80 2.85 -24.60	57.52 2.81 -23.82	71.53 3.01 -35.45	71.48 3.40 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
RAVENSWOOD_GT_6 24253	43.88 2.71 -8.10	38.25 2.56 -3.34	37.43 2.53 -2.42	34.57 2.50 -0.01	36.16 2.55 -0.07	39.08 2.86 -0.01	57.64 3.80 -6.32	62.93 4.66 -5.30	72.01 4.05 -22.43	71.58 3.57 -28.35	57.65 3.43 -16.90	58.36 3.12 -21.63	56.90 3.04 -21.15	58.80 2.85 -24.60	57.52 2.81 -23.82	71.53 3.01 -35.45	71.48 3.40 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
RAVENSWOOD_GT_7 24255	43.88 2.71 -8.10	38.25 2.56 -3.34	37.43 2.53 -2.42	34.57 2.50 -0.01	36.16 2.55 -0.07	39.08 2.86 -0.01	57.64 3.80 -6.32	62.93 4.66 -5.30	72.01 4.05 -22.43	71.58 3.57 -28.35	57.65 3.43 -16.90	58.36 3.12 -21.63	56.90 3.04 -21.15	58.80 2.85 -24.60	57.52 2.81 -23.82	71.53 3.01 -35.45	71.48 3.40 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	54.97 3.18 -16.39
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.90 2.74 -8.10	38.26 2.59 -3.33	37.46 2.57 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.65 3.43 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39

RAVENSWOOD_GT_9 24257	43.90 2.74 -8.10	38.26 2.59 -3.33	37.46 2.57 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.64 3.80 -6.32	62.93 4.66 -5.30	72.05 4.10 -22.43	71.62 3.61 -28.35	57.65 3.43 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.60 3.89 -66.22	103.12 4.25 -53.66	103.81 5.11 -43.76	95.85 4.61 -42.67	64.99 4.16 -16.61	57.95 3.62 -15.40	55.00 3.22 -16.39
RAVENSWOOD___1 23533	44.08 2.91 -8.10	38.48 2.78 -3.35	37.66 2.76 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.29 3.08 -0.01	57.74 3.90 -6.32	62.93 4.66 -5.30	72.19 4.23 -22.43	71.70 3.69 -28.35	57.83 3.62 -16.90	58.56 3.33 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.69 3.97 -66.22	103.22 4.34 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.17 4.34 -16.61	58.03 3.70 -15.40	55.03 3.25 -16.39
RAVENSWOOD___2 23534	44.08 2.91 -8.10	38.48 2.78 -3.35	37.63 2.73 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.29 3.08 -0.01	57.74 3.90 -6.32	62.93 4.66 -5.30	72.19 4.23 -22.43	71.70 3.69 -28.35	57.83 3.62 -16.90	58.56 3.33 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.69 3.97 -66.22	103.22 4.34 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.17 4.34 -16.61	58.03 3.70 -15.40	55.00 3.22 -16.39
RAVENSWOOD___3 23535	43.87 2.71 -8.10	38.29 2.62 -3.33	37.46 2.57 -2.42	34.60 2.53 0.00	36.18 2.58 -0.05	39.11 2.90 0.00	57.65 3.80 -6.32	62.93 4.66 -5.30	72.01 4.05 -22.43	71.58 3.57 -28.35	57.64 3.43 -16.90	58.39 3.16 -21.63	56.93 3.07 -21.15	58.83 2.88 -24.60	57.55 2.84 -23.82	71.57 3.04 -35.45	71.51 3.43 -31.15	110.64 3.93 -66.22	103.18 4.30 -53.67	103.86 5.16 -43.76	95.86 4.62 -42.67	64.99 4.16 -16.61	57.98 3.66 -15.40	54.97 3.19 -16.39
RAVENSWOOD___4 23820	44.04 2.88 -8.10	38.45 2.75 -3.35	37.63 2.73 -2.43	34.73 2.66 -0.01	36.37 2.75 -0.08	39.29 3.08 -0.01	57.74 3.90 -6.32	62.93 4.66 -5.30	72.19 4.23 -22.43	71.70 3.69 -28.35	57.83 3.62 -16.90	58.53 3.29 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.69 3.97 -66.22	103.18 4.30 -53.67	103.92 5.22 -43.76	95.90 4.66 -42.67	65.17 4.34 -16.61	58.03 3.70 -15.40	55.00 3.22 -16.39
RCPL_TRUST___DRP 24196	35.94 2.92 0.00	35.01 2.72 0.05	35.21 2.73 0.00	34.72 2.66 0.00	36.21 2.72 0.05	39.25 3.04 0.00	54.93 4.13 -3.27	58.05 5.03 -0.05	53.71 4.42 -3.77	46.99 3.93 -3.40	49.79 3.73 -8.75	48.23 3.43 -11.20	44.83 3.30 -8.81	47.19 3.10 -12.74	42.92 3.06 -8.97	46.82 3.27 -10.47	44.25 3.73 -3.59	50.34 4.21 -5.64	54.86 4.57 -5.08	69.69 4.95 -9.25	79.39 4.95 -25.87	52.55 4.42 -3.91	42.83 3.85 -0.06	38.78 3.36 -0.03
RED___ROCHESTER 323720	31.51 -1.55 0.00	30.92 -1.42 0.00	30.89 -1.59 0.00	30.43 -1.63 0.00	31.93 -1.61 0.00	34.69 -1.52 0.00	45.43 -2.09 0.00	50.37 -2.59 0.00	43.74 -2.23 -0.45	38.35 -1.31 0.00	36.15 -1.16 0.00	32.70 -0.91 0.00	31.70 -1.01 0.00	30.51 -0.85 0.00	29.99 -0.90 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	38.91 -1.58 0.00	44.46 -1.36 -0.60	53.54 -1.65 -0.24	48.05 -1.46 -0.94	43.40 -1.28 -0.46	37.64 -1.28 0.00	34.12 -1.27 0.00
REGAN___SOLAR 323812	35.64 2.58 0.00	34.90 2.55 0.00	35.01 2.54 0.00	34.63 2.57 0.00	36.26 2.72 0.00	39.25 3.04 0.00	51.85 4.32 0.00	58.16 5.19 0.00	54.59 3.92 -5.16	42.40 2.73 0.00	39.62 2.31 0.00	35.52 1.91 0.00	34.74 2.03 0.00	33.33 1.98 0.00	32.84 1.95 0.00	35.22 2.15 0.00	39.44 2.51 0.00	43.73 3.24 0.00	55.94 3.84 -6.89	63.21 5.55 -2.72	64.15 4.90 -10.68	53.94 4.42 -5.30	42.58 3.66 0.00	38.50 3.11 0.00
RENSSELAER___COGEN 23796	34.09 1.03 0.00	33.29 0.94 0.00	33.45 0.97 0.00	33.02 0.96 0.00	34.55 1.01 0.00	37.26 1.05 0.00	48.42 0.90 0.00	54.19 1.22 0.00	50.88 0.73 -4.63	40.38 0.71 0.00	37.94 0.63 0.00	34.24 0.64 0.00	33.33 0.62 0.00	31.95 0.59 0.00	31.47 0.59 0.00	33.67 0.60 0.00	37.59 0.67 0.00	41.75 1.26 0.00	52.69 1.35 -6.13	59.07 1.71 -2.42	59.57 1.51 -9.50	50.26 1.33 -4.71	40.21 1.28 0.00	36.52 1.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.74 2.68 0.00	35.03 2.68 0.00	35.08 2.60 0.00	34.72 2.66 0.00	36.33 2.78 0.00	39.40 3.19 0.00	52.84 5.32 0.00	59.64 6.67 0.00	55.50 5.23 -4.74	43.43 3.77 0.00	40.67 3.36 0.00	36.59 2.99 0.00	35.39 2.68 0.00	33.99 2.63 0.00	33.33 2.44 0.00	35.75 2.68 0.00	40.10 3.18 0.00	44.50 4.01 0.00	56.25 4.66 -6.39	64.37 6.92 -2.50	64.44 6.07 -9.81	54.30 5.22 -4.86	43.17 4.24 0.00	39.03 3.64 0.00
REVERE_CPPR_DRP 24186	33.73 0.66 0.00	32.99 0.65 0.00	33.13 0.65 0.00	32.70 0.64 0.00	34.21 0.67 0.00	37.15 0.94 0.00	49.09 1.57 0.00	54.71 1.75 0.00	47.26 1.55 -0.19	40.73 1.07 0.00	38.24 0.93 0.00	34.41 0.81 0.00	33.56 0.85 0.00	32.07 0.72 0.00	31.57 0.68 0.00	33.87 0.79 0.00	37.92 1.00 0.00	41.75 1.26 0.00	46.81 1.36 -0.25	56.86 1.81 -0.10	50.57 1.60 -0.40	45.79 1.37 -0.20	40.05 1.13 0.00	36.38 0.99 0.00
REYNOLDS_115KV_TB3 80639	34.39 1.32 0.00	33.58 1.23 0.00	33.75 1.27 0.00	33.31 1.25 0.00	34.85 1.31 0.00	37.59 1.38 0.00	48.66 1.14 0.00	54.50 1.54 0.00	51.27 1.09 -4.66	40.69 1.03 0.00	38.20 0.90 0.00	34.44 0.84 0.00	33.50 0.79 0.00	32.14 0.78 0.00	31.66 0.77 0.00	33.87 0.79 0.00	37.81 0.89 0.00	42.23 1.74 0.00	53.40 1.90 -6.29	59.68 2.31 -2.42	60.12 2.04 -9.52	50.80 1.86 -4.72	40.64 1.71 0.00	36.91 1.52 0.00
RIVERBAY____ 323610	44.01 2.84 -8.10	38.38 2.68 -3.35	37.60 2.70 -2.42	34.76 2.69 -0.01	36.37 2.75 -0.07	39.26 3.04 -0.01	57.60 3.75 -6.32	62.82 4.56 -5.30	72.14 4.19 -22.43	71.58 3.57 -28.35	55.17 3.47 -14.39	55.17 3.16 -18.41	54.40 3.07 -18.61	55.14 2.85 -20.93	54.97 2.84 -21.24	68.49 2.98 -32.44	71.48 3.40 -31.15	110.44 3.73 -66.22	102.98 4.11 -53.66	103.70 5.00 -43.76	95.76 4.52 -42.67	65.08 4.25 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39
RIVERSDE_115KV_TB3 55908	34.25 1.19 0.00	33.45 1.10 0.00	33.58 1.10 0.00	33.19 1.12 0.00	34.72 1.17 0.00	37.44 1.23 0.00	48.57 1.05 0.00	54.40 1.43 0.00	51.13 0.96 -4.66	40.61 0.95 0.00	38.13 0.82 0.00	34.37 0.77 0.00	33.43 0.72 0.00	32.07 0.72 0.00	31.60 0.71 0.00	33.77 0.69 0.00	37.74 0.81 0.00	41.99 1.50 0.00	53.17 1.67 -6.29	59.41 2.03 -2.43	59.91 1.80 -9.54	50.55 1.59 -4.73	40.44 1.52 0.00	36.77 1.38 0.00
ROARING___BROOK_WT_PWR 323790	32.24 -0.83 0.00	31.57 -0.78 0.00	31.76 -0.71 0.00	31.36 -0.71 0.00	32.74 -0.81 0.00	35.38 -0.83 0.00	46.29 -1.24 0.00	51.64 -1.32 0.00	44.38 -1.14 0.00	38.43 -1.23 0.00	36.04 -1.27 0.00	32.39 -1.21 0.00	31.50 -1.21 0.00	30.16 -1.19 0.00	29.71 -1.17 0.00	31.82 -1.26 0.00	35.56 -1.37 0.00	32.40 -1.34 6.75	37.64 -1.49 6.08	33.44 -1.81 19.69	43.15 -1.60 3.82	42.45 -1.46 0.31	37.64 -1.28 0.00	34.25 -1.13 0.00

ROCHESRG_115KV_T4 355643	31.28 -1.79 0.00	30.70 -1.65 0.00	30.69 -1.79 0.00	30.30 -1.76 0.00	31.76 -1.78 0.00	34.44 -1.77 0.00	45.10 -2.42 0.00	49.89 -3.07 0.00	43.34 -2.50 -0.32	37.60 -2.06 0.00	35.70 -1.60 0.00	32.39 -1.21 0.00	31.40 -1.31 0.00	30.22 -1.13 0.00	29.71 -1.17 0.00	31.92 -1.16 0.00	35.60 -1.33 0.00	38.55 -1.94 0.00	43.95 -1.85 -0.60	52.93 -2.25 -0.24	47.24 -1.99 -0.66	42.96 -1.72 -0.46	37.29 -1.63 0.00	33.73 -1.66 0.00
ROCHESTER_9_IC 23652	31.41 -1.65 0.00	30.83 -1.52 0.00	30.82 -1.66 0.00	30.43 -1.64 0.00	31.87 -1.68 0.00	34.58 -1.63 0.00	45.29 -2.23 0.00	50.16 -2.81 0.00	43.70 -2.28 -0.45	37.80 -1.86 0.00	35.89 -1.42 0.00	32.53 -1.08 0.00	31.57 -1.14 0.00	30.35 -1.00 0.00	29.84 -1.05 0.00	32.08 -0.99 0.00	35.78 -1.14 0.00	38.75 -1.74 0.00	44.18 -1.63 -0.60	53.26 -1.92 -0.24	47.76 -1.75 -0.94	43.18 -1.50 -0.46	37.48 -1.44 0.00	33.90 -1.49 0.00
ROCKVIEW_13_KV_LD 356306	35.64 2.58 0.00	34.81 2.46 0.00	34.92 2.44 0.00	34.40 2.34 0.00	35.99 2.45 0.00	38.93 2.72 0.00	51.13 3.61 0.00	57.42 4.45 0.00	53.22 3.96 -3.74	43.15 3.49 0.00	40.63 3.32 0.00	36.63 3.02 0.00	35.65 2.94 0.00	34.11 2.76 0.00	33.61 2.72 0.00	35.99 2.91 0.00	40.21 3.29 0.00	44.26 3.77 0.00	54.35 4.11 -5.03	61.88 4.94 -1.99	60.86 4.47 -7.82	52.13 4.02 -3.88	42.39 3.46 0.00	38.43 3.04 0.00
ROME____115KV_TB2 80656	33.73 0.66 0.00	32.99 0.65 0.00	33.13 0.65 0.00	32.70 0.64 0.00	34.21 0.67 0.00	37.15 0.94 0.00	49.09 1.57 0.00	54.71 1.75 0.00	47.26 1.55 -0.19	40.73 1.07 0.00	38.24 0.93 0.00	34.41 0.81 0.00	33.56 0.85 0.00	32.07 0.72 0.00	31.57 0.68 0.00	33.87 0.79 0.00	37.92 1.00 0.00	41.75 1.26 0.00	46.81 1.36 -0.25	56.86 1.81 -0.10	50.57 1.60 -0.40	45.79 1.37 -0.20	40.05 1.13 0.00	36.38 0.99 0.00
ROSETON___1 23587	34.98 1.92 0.00	34.19 1.84 0.00	34.30 1.82 0.00	33.86 1.79 0.00	35.39 1.84 0.00	38.24 2.03 0.00	50.18 2.66 0.00	56.30 3.34 0.00	52.15 2.92 -3.71	42.20 2.54 0.00	39.81 2.50 0.00	35.89 2.29 0.00	34.94 2.23 0.00	33.45 2.10 0.00	32.96 2.07 0.00	35.29 2.22 0.00	39.44 2.51 0.00	43.33 2.83 0.00	53.33 3.12 -5.00	60.66 3.74 -1.98	59.68 3.35 -7.76	51.08 3.01 -3.85	41.53 2.61 0.00	37.69 2.30 0.00
ROSETON___2 23588	34.98 1.92 0.00	34.19 1.84 0.00	34.30 1.82 0.00	33.86 1.79 0.00	35.39 1.84 0.00	38.24 2.03 0.00	50.18 2.66 0.00	56.30 3.34 0.00	52.15 2.92 -3.71	42.20 2.54 0.00	39.81 2.50 0.00	35.89 2.29 0.00	34.94 2.23 0.00	33.45 2.10 0.00	32.96 2.07 0.00	35.29 2.22 0.00	39.44 2.51 0.00	43.33 2.83 0.00	53.33 3.12 -5.00	60.66 3.74 -1.98	59.68 3.35 -7.76	51.08 3.01 -3.85	41.53 2.61 0.00	37.69 2.30 0.00
ROTRRDAM_115KV_TB3 80664	34.22 1.16 0.00	33.48 1.13 0.00	33.65 1.17 0.00	33.22 1.15 0.00	34.75 1.21 0.00	37.48 1.27 0.00	49.14 1.62 0.00	54.98 2.01 0.00	52.01 1.68 -4.80	41.05 1.39 0.00	38.58 1.27 0.00	34.74 1.14 0.00	33.82 1.11 0.00	32.45 1.10 0.00	31.97 1.08 0.00	34.20 1.12 0.00	38.22 1.29 0.00	42.03 1.54 0.00	53.44 1.76 -6.46	59.73 2.25 -2.53	60.50 1.99 -9.94	50.96 1.81 -4.93	40.48 1.56 0.00	36.73 1.34 0.00
RUSSELL___1 23602	31.51 -1.55 0.00	30.92 -1.42 0.00	30.89 -1.59 0.00	30.49 -1.57 0.00	31.97 -1.58 0.00	34.69 -1.52 0.00	45.43 -2.09 0.00	50.37 -2.60 0.00	43.83 -2.14 -0.45	37.96 -1.71 0.00	36.04 -1.27 0.00	32.69 -0.91 0.00	31.66 -1.05 0.00	30.47 -0.88 0.00	29.99 -0.90 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	39.00 -1.50 0.00	44.46 -1.36 -0.60	53.53 -1.65 -0.24	48.05 -1.46 -0.94	43.36 -1.33 -0.46	37.64 -1.28 0.00	34.04 -1.34 0.00
RUSSELL___2 23532	31.51 -1.55 0.00	30.92 -1.42 0.00	30.89 -1.59 0.00	30.49 -1.57 0.00	31.97 -1.58 0.00	34.69 -1.52 0.00	45.43 -2.09 0.00	50.37 -2.60 0.00	43.83 -2.14 -0.45	37.96 -1.71 0.00	36.04 -1.27 0.00	32.69 -0.91 0.00	31.66 -1.05 0.00	30.47 -0.88 0.00	29.99 -0.90 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	39.00 -1.50 0.00	44.46 -1.36 -0.60	53.53 -1.65 -0.24	48.05 -1.46 -0.94	43.36 -1.33 -0.46	37.64 -1.28 0.00	34.04 -1.34 0.00
RUSSELL___3 23549	31.51 -1.55 0.00	30.92 -1.42 0.00	30.89 -1.59 0.00	30.49 -1.57 0.00	31.97 -1.58 0.00	34.69 -1.52 0.00	45.43 -2.09 0.00	50.37 -2.60 0.00	43.83 -2.14 -0.45	37.96 -1.71 0.00	36.04 -1.27 0.00	32.69 -0.91 0.00	31.66 -1.05 0.00	30.47 -0.88 0.00	29.99 -0.90 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	39.00 -1.50 0.00	44.46 -1.36 -0.60	53.53 -1.65 -0.24	48.05 -1.46 -0.94	43.36 -1.33 -0.46	37.64 -1.28 0.00	34.04 -1.34 0.00
RUSSELL___4 23556	31.51 -1.55 0.00	30.92 -1.42 0.00	30.89 -1.59 0.00	30.49 -1.57 0.00	31.97 -1.58 0.00	34.69 -1.52 0.00	45.43 -2.09 0.00	50.37 -2.60 0.00	43.83 -2.14 -0.45	37.96 -1.71 0.00	36.04 -1.27 0.00	32.69 -0.91 0.00	31.66 -1.05 0.00	30.47 -0.88 0.00	29.99 -0.90 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	39.00 -1.50 0.00	44.46 -1.36 -0.60	53.53 -1.65 -0.24	48.05 -1.46 -0.94	43.36 -1.33 -0.46	37.64 -1.28 0.00	34.04 -1.34 0.00
RUSSELL___STATION 23914	31.51 -1.55 0.00	30.92 -1.42 0.00	30.89 -1.59 0.00	30.49 -1.57 0.00	31.97 -1.58 0.00	34.69 -1.52 0.00	45.43 -2.09 0.00	50.37 -2.60 0.00	43.83 -2.14 -0.45	37.96 -1.71 0.00	36.04 -1.27 0.00	32.69 -0.91 0.00	31.66 -1.05 0.00	30.47 -0.88 0.00	29.99 -0.90 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	39.00 -1.50 0.00	44.46 -1.36 -0.60	53.53 -1.65 -0.24	48.05 -1.46 -0.94	43.36 -1.33 -0.46	37.64 -1.28 0.00	34.04 -1.34 0.00
S SALMON___HYD 24043	32.40 -0.66 0.00	31.77 -0.58 0.00	31.86 -0.62 0.00	31.42 -0.64 0.00	32.94 -0.60 0.00	35.63 -0.58 0.00	46.86 -0.67 0.00	51.96 -1.01 0.00	44.88 -0.91 -0.27	38.83 -0.83 0.00	36.49 -0.82 0.00	32.86 -0.74 0.00	31.96 -0.75 0.00	30.66 -0.69 0.00	30.21 -0.68 0.00	32.41 -0.66 0.00	36.15 -0.78 0.00	39.40 -0.85 0.24	44.49 -0.86 -0.15	53.50 -0.88 0.56	48.21 -0.78 -0.43	43.78 -0.71 -0.27	38.30 -0.62 0.00	34.82 -0.57 0.00
S.PERRY__115KV_TB1 80734	31.77 -1.29 0.00	31.25 -1.10 0.00	31.25 -1.23 0.00	30.84 -1.22 0.00	32.33 -1.21 0.00	35.12 -1.09 0.00	46.10 -1.43 0.00	50.90 -2.07 0.00	46.76 -2.32 -3.56	37.56 -2.10 0.00	35.52 -1.79 0.00	32.16 -1.44 0.00	31.14 -1.57 0.00	30.00 -1.35 0.00	29.50 -1.39 0.00	31.82 -1.26 0.00	35.56 -1.37 0.00	38.87 -1.62 0.00	44.59 -1.49 -0.87	53.81 -1.48 -0.35	55.23 -0.97 -7.63	43.92 -0.97 -0.67	38.11 -0.82 0.00	34.40 -0.99 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.82 -3.24 0.00	29.27 -3.07 0.00	29.13 -3.35 0.00	28.76 -3.30 0.00	30.22 -3.32 0.00	32.73 -3.48 0.00	42.67 -4.85 0.00	46.98 -5.99 0.00	40.36 -4.96 0.19	35.77 -3.89 0.00	34.25 -3.06 0.00	31.25 -2.35 0.00	30.26 -2.45 0.00	29.25 -2.10 0.00	28.63 -2.25 0.00	30.79 -2.28 0.00	34.19 -2.73 0.00	36.61 -3.89 0.00	41.39 -4.61 -0.80	49.77 -5.49 -0.32	43.43 -4.66 0.47	40.68 -4.16 -0.61	36.01 -2.92 0.00	32.24 -3.15 0.00

SAWYER___23_KV_LOAD 55526	29.82	29.27	29.13	28.76	30.22	32.73	42.67	46.98	40.36	35.77	34.25	31.25	30.26	29.25	28.63	30.79	34.19	36.61	41.39	49.77	43.43	40.68	36.01	32.24
	-3.24	-3.07	-3.35	-3.30	-3.32	-3.48	-4.85	-5.99	-4.96	-3.89	-3.06	-2.35	-2.45	-2.10	-2.25	-2.28	-2.73	-3.89	-4.61	-5.49	-4.66	-4.16	-2.92	-3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-0.32	0.47	-0.61	0.00	0.00
SELKIRK___I 23801	34.15	33.41	33.58	33.18	34.68	37.37	48.81	54.55	51.24	40.65	38.20	34.44	33.49	32.14	31.66	33.87	37.85	41.79	52.54	59.14	59.58	50.37	40.37	36.66
	1.09	1.07	1.10	1.12	1.14	1.16	1.28	1.59	1.18	0.99	0.89	0.84	0.78	0.78	0.77	0.79	0.92	1.30	1.35	1.81	1.65	1.50	1.44	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.98	-2.39	-9.36	-4.64	0.00	0.00
SELKIRK___II 23799	34.09	33.32	33.49	33.06	34.58	37.26	48.66	54.40	51.20	40.69	38.28	34.51	33.59	32.20	31.75	33.93	37.92	41.87	52.74	59.11	59.57	50.32	40.29	36.59
	1.03	0.97	1.01	1.00	1.04	1.05	1.14	1.43	1.09	1.03	0.97	0.91	0.88	0.85	0.86	0.86	1.00	1.38	1.45	1.76	1.55	1.41	1.36	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.09	-2.41	-9.45	-4.69	0.00	0.00
SENECA OSWGO___HYD 24041	32.27	31.64	31.73	31.29	32.80	35.45	46.62	51.75	44.68	38.75	36.49	32.89	32.02	30.73	30.27	32.48	36.22	39.56	44.61	53.95	48.12	43.56	38.03	34.61
	-0.79	-0.71	-0.75	-0.77	-0.74	-0.76	-0.90	-1.22	-1.14	-0.91	-0.82	-0.71	-0.69	-0.63	-0.62	-0.59	-0.70	-0.93	-0.99	-1.16	-1.07	-0.97	-0.89	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.16	-0.62	-0.31	0.00	0.00
SENECA___115KV_TB3 355854	30.22	29.69	29.52	29.15	30.62	33.20	43.34	47.88	40.73	36.33	34.70	31.62	30.62	29.53	28.88	31.06	34.60	37.17	41.67	50.06	43.48	40.98	36.51	32.66
	-2.84	-2.65	-2.96	-2.92	-2.92	-3.01	-4.18	-5.08	-4.46	-3.33	-2.61	-1.98	-2.09	-1.82	-2.01	-2.02	-2.33	-3.32	-4.39	-5.22	-4.32	-3.89	-2.41	-2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	-0.33	0.76	-0.65	0.00	0.00
SENECA___ENERGY 23797	32.27	31.67	31.73	31.29	32.84	35.56	46.81	52.01	45.11	38.99	36.67	33.10	32.15	30.91	30.39	32.61	36.37	39.72	45.08	54.21	49.13	44.01	38.30	34.79
	-0.79	-0.68	-0.75	-0.77	-0.71	-0.65	-0.71	-0.95	-1.09	-0.67	-0.63	-0.50	-0.56	-0.44	-0.50	-0.46	-0.55	-0.77	-0.77	-0.99	-0.87	-0.71	-0.62	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	-0.26	-1.43	-0.50	0.00	0.00
SHOEMAKER___GT 23640	34.62	33.87	33.97	33.54	35.05	37.84	49.76	55.67	51.31	41.76	39.32	35.48	34.54	33.04	32.59	34.89	38.99	42.92	52.38	59.93	58.49	50.24	41.14	37.33
	1.55	1.52	1.49	1.48	1.51	1.63	2.23	2.70	2.41	2.10	2.01	1.88	1.83	1.69	1.70	1.82	2.07	2.43	2.62	3.19	2.86	2.52	2.22	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.55	-1.80	-7.06	-3.50	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	34.65	33.87	33.97	33.54	35.05	37.88	49.76	55.72	51.38	41.84	39.40	35.52	34.58	33.08	32.62	34.89	39.03	42.92	52.38	59.92	58.44	50.26	41.14	37.37
	1.59	1.52	1.49	1.47	1.51	1.67	2.23	2.75	2.50	2.18	2.09	1.92	1.86	1.72	1.73	1.82	2.10	2.43	2.67	3.19	2.87	2.56	2.22	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	-1.79	-7.01	-3.48	0.00	0.00
SHOREHAM_IC_1 23715	34.95	33.81	33.68	33.60	35.32	39.11	51.87	57.10	52.68	42.98	40.85	37.12	35.93	34.62	33.90	36.25	40.04	44.40	54.45	61.93	61.73	51.96	42.11	37.79
	1.88	1.46	1.20	1.54	1.78	2.90	4.13	4.13	3.42	3.10	2.95	2.76	2.62	2.41	2.41	2.48	2.88	3.52	4.21	4.51	4.13	3.85	3.19	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-3.74	-0.22	-0.60	-0.76	-0.60	-0.85	-0.60	-0.70	-0.23	-0.39	-5.04	-2.48	-9.03	-3.89	0.00	0.00
SHOREHAM_IC_2 23716	34.95	33.81	33.68	33.60	35.32	39.11	51.87	57.10	52.68	42.98	40.85	37.12	35.93	34.62	33.90	36.25	40.04	44.40	54.45	61.93	61.73	51.96	42.11	37.79
	1.88	1.46	1.20	1.54	1.78	2.90	4.13	4.13	3.42	3.10	2.95	2.76	2.62	2.41	2.41	2.48	2.88	3.52	4.21	4.51	4.13	3.85	3.19	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-3.74	-0.22	-0.60	-0.76	-0.60	-0.85	-0.60	-0.70	-0.23	-0.39	-5.04	-2.48	-9.03	-3.89	0.00	0.00
SISSONVILLE____ 23735	31.87	31.09	31.21	30.81	32.23	34.98	45.62	50.79	43.79	37.99	35.52	31.75	36.99	35.40	34.93	37.35	41.30	41.79	47.39	50.68	44.58	49.30	43.83	40.02
	-1.19	-1.26	-1.27	-1.25	-1.31	-1.23	-1.90	-2.17	-1.73	-1.67	-1.79	-1.85	-1.77	-1.79	-1.73	-1.82	-1.90	-1.90	-2.08	-2.47	-2.23	-2.17	-1.75	-1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.05	-5.83	-5.77	-6.10	-6.37	-3.20	-4.26	1.79	1.76	-7.24	-6.66	-6.18
SITHE_IND_GS1 24169	32.07	31.41	31.51	31.10	32.57	35.20	46.24	51.27	44.20	38.39	36.15	32.59	31.73	30.44	29.99	32.12	35.82	39.12	44.03	53.26	47.40	43.00	37.64	34.25
	-0.99	-0.94	-0.97	-0.96	-0.97	-1.01	-1.28	-1.70	-1.55	-1.27	-1.16	-1.01	-0.98	-0.91	-0.90	-0.96	-1.11	-1.38	-1.49	-1.81	-1.65	-1.46	-1.28	-1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.12	-0.48	-0.24	0.00	0.00
SITHE_IND_GS2 24170	32.07	31.41	31.51	31.10	32.57	35.20	46.24	51.27	44.20	38.39	36.15	32.59	31.73	30.44	29.99	32.12	35.82	39.12	44.03	53.26	47.40	43.00	37.64	34.25
	-0.99	-0.94	-0.97	-0.96	-0.97	-1.01	-1.28	-1.70	-1.55	-1.27	-1.16	-1.01	-0.98	-0.91	-0.90	-0.96	-1.11	-1.38	-1.49	-1.81	-1.65	-1.46	-1.28	-1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.12	-0.48	-0.24	0.00	0.00
SITHE_IND_GS3 24171	32.07	31.41	31.51	31.10	32.57	35.20	46.24	51.27	44.20	38.39	36.15	32.59	31.73	30.44	29.99	32.12	35.82	39.12	44.03	53.26	47.40	43.00	37.64	34.25
	-0.99	-0.94	-0.97	-0.96	-0.97	-1.01	-1.28	-1.70	-1.55	-1.27	-1.16	-1.01	-0.98	-0.91	-0.90	-0.96	-1.11	-1.38	-1.49	-1.81	-1.65	-1.46	-1.28	-1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.12	-0.48	-0.24	0.00	0.00
SITHE_IND_GS4 24172	32.07	31.41	31.51	31.10	32.57	35.20	46.24	51.27	44.20	38.39	36.15	32.59	31.73	30.44	29.99	32.12	35.82	39.12	44.03	53.26	47.40	43.00	37.64	34.25
	-0.99	-0.94	-0.97	-0.96	-0.97	-1.01	-1.28	-1.70	-1.55	-1.27	-1.16	-1.01	-0.98	-0.91	-0.90	-0.96	-1.11	-1.38	-1.49	-1.81	-1.65	-1.46	-1.28	-1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.12	-0.48	-0.24	0.00	0.00

SITHE___BATAVIA 24024	30.68 -2.38 0.00	30.12 -2.23 0.00	30.01 -2.47 0.00	29.50 -2.57 0.00	31.06 -2.48 0.00	33.78 -2.43 0.00	44.19 -3.33 0.00	48.83 -4.13 0.00	41.65 -3.87 0.00	37.48 -2.18 0.00	35.29 -2.02 0.00	31.99 -1.61 0.00	30.94 -1.77 0.00	29.85 -1.50 0.00	29.28 -1.61 0.00	31.52 -1.55 0.00	35.16 -1.77 0.00	37.74 -2.75 0.00	42.98 -2.94 -0.71	51.82 -3.41 -0.28	45.95 -2.58 0.04	42.20 -2.57 -0.55	36.98 -1.95 0.00	33.33 -2.05 0.00
SITHE___INDEPEND 23800	32.07 -0.99 0.00	31.41 -0.94 0.00	31.54 -0.94 0.00	31.10 -0.96 0.00	32.57 -0.97 0.00	35.20 -1.01 0.00	46.24 -1.28 0.00	51.27 -1.69 0.00	44.25 -1.50 -0.23	38.35 -1.31 0.00	36.15 -1.16 0.00	32.59 -1.01 0.00	31.73 -0.98 0.00	30.44 -0.91 0.00	29.96 -0.93 0.00	32.12 -0.96 0.00	35.82 -1.11 0.00	39.12 -1.38 0.00	44.03 -1.49 -0.31	53.25 -1.81 -0.12	47.40 -1.65 -0.48	43.00 -1.46 -0.24	37.64 -1.28 0.00	34.26 -1.13 0.00
SITHE___MASSENA 23902	32.70 -0.36 0.00	31.89 -0.45 0.00	32.06 -0.42 0.00	31.68 -0.38 0.00	33.07 -0.47 0.00	35.81 -0.40 0.00	46.71 -0.81 0.00	52.01 -0.95 0.00	44.98 -0.54 0.00	38.99 -0.67 0.00	36.56 -0.75 0.00	32.76 -0.84 0.00	33.27 -0.79 -1.34	31.83 -0.82 -1.29	31.40 -0.77 -1.28	33.60 -0.83 -1.35	37.48 -0.92 -1.47	37.31 -0.85 2.34	42.51 -0.95 1.74	44.42 -1.21 9.32	45.36 -1.07 2.14	44.68 -1.10 -1.57	39.69 -0.78 -1.54	36.18 -0.64 -1.43
SITHE___OGDNSBRG 24021	32.70 -0.36 0.00	31.93 -0.42 0.00	32.06 -0.42 0.00	31.65 -0.42 0.00	33.11 -0.44 0.00	35.92 -0.29 0.00	46.95 -0.57 0.00	52.12 -0.85 0.00	44.84 -0.68 0.00	38.87 -0.79 0.00	36.34 -0.97 0.00	32.49 -1.11 0.00	35.91 -1.05 -4.24	34.35 -1.10 -4.09	33.88 -1.05 -4.05	36.29 -1.06 -4.28	40.29 -1.11 -4.47	40.69 -0.85 -1.05	46.28 -0.86 -1.93	49.24 -0.99 4.71	45.79 -0.87 1.91	48.33 -0.93 -5.04	42.94 -0.66 -4.67	39.16 -0.57 -4.34
SITHE___STERLING 23777	33.56 0.50 0.00	32.90 0.55 0.00	33.00 0.52 0.00	32.57 0.51 0.00	34.11 0.57 0.00	36.97 0.76 0.00	48.76 1.23 0.00	54.45 1.48 0.00	46.97 1.23 -0.22	40.57 0.91 0.00	38.13 0.82 0.00	34.31 0.71 0.00	33.43 0.72 0.00	32.01 0.66 0.00	31.51 0.62 0.00	33.77 0.70 0.00	37.78 0.85 0.00	41.46 0.97 0.00	46.59 1.08 -0.30	56.49 1.43 -0.12	50.29 1.26 -0.46	45.51 1.06 -0.23	39.82 0.90 0.00	36.17 0.78 0.00
SLEIGHT__34_KV_TB1 80719	31.71 -1.36 0.00	31.15 -1.20 0.00	31.18 -1.30 0.00	30.78 -1.28 0.00	32.23 -1.31 0.00	34.98 -1.23 0.00	46.00 -1.52 0.00	51.06 -1.91 0.00	44.28 -1.68 -0.44	38.31 -1.35 0.00	36.26 -1.04 0.00	32.79 -0.81 0.00	31.83 -0.88 0.00	30.60 -0.75 0.00	30.12 -0.77 0.00	32.35 -0.73 0.00	36.00 -0.92 0.00	39.20 -1.30 0.00	44.58 -1.22 -0.59	53.75 -1.43 -0.23	48.12 -1.36 -0.92	43.48 -1.19 -0.45	37.72 -1.21 0.00	34.19 -1.20 0.00
SOUTH CAIRO___GT 23612	34.65 1.59 0.00	33.96 1.62 0.00	33.97 1.49 0.00	33.60 1.54 0.00	35.12 1.58 0.00	37.88 1.67 0.00	49.61 2.09 0.00	55.40 2.44 0.00	51.19 1.27 -4.39	41.41 1.75 0.00	38.61 1.31 0.00	34.68 1.08 0.00	33.76 1.05 0.00	32.36 1.00 0.00	31.91 1.02 0.00	34.17 1.09 0.00	38.33 1.40 0.00	42.64 2.15 0.00	52.82 1.81 -5.81	59.53 2.31 -2.28	59.45 1.94 -8.94	50.25 1.59 -4.43	40.83 1.91 0.00	37.23 1.84 0.00
SOUTH HAMPTN___IC 23720	35.08 2.02 0.00	33.97 1.62 0.00	33.84 1.36 0.00	33.70 1.63 0.00	35.42 1.88 0.00	39.18 2.97 0.00	52.10 4.37 -0.21	57.36 4.39 0.00	53.00 3.73 -3.74	43.29 3.41 -0.22	41.12 3.21 -0.60	37.35 2.99 -0.76	36.13 2.81 -0.60	34.71 2.51 -0.85	33.96 2.47 -0.60	36.32 2.55 -0.70	40.12 2.96 -0.23	44.48 3.60 -0.39	54.49 4.25 -5.04	62.09 4.67 -2.47	61.82 4.22 -9.03	52.10 3.98 -3.89	42.19 3.27 0.00	37.94 2.55 0.00
SOUTHDOW_115KV_TB1 355954	30.91 -2.15 0.00	30.47 -1.88 0.00	30.27 -2.21 0.00	29.88 -2.18 0.00	31.40 -2.15 0.00	34.04 -2.17 0.00	44.67 -2.85 0.00	49.47 -3.50 0.00	42.18 -3.60 -0.26	37.20 -2.46 0.00	35.29 -2.01 0.00	32.09 -1.51 0.00	30.98 -1.73 0.00	29.91 -1.44 0.00	29.19 -1.70 0.00	31.39 -1.69 0.00	34.97 -1.96 0.00	37.82 -2.67 0.00	42.02 -4.11 -0.92	50.53 -4.78 -0.37	45.28 -3.79 -0.51	41.40 -3.54 -0.71	37.10 -1.83 0.00	33.23 -2.16 0.00
SOUTHOLD_69_KV_BK 2 55809	35.18 2.12 0.00	33.87 1.52 0.00	33.88 1.40 0.00	33.67 1.60 0.00	35.36 1.81 0.00	39.18 2.97 0.00	52.15 4.42 -0.21	58.26 5.30 0.00	53.18 3.91 -3.74	43.53 3.65 -0.22	41.15 3.25 -0.60	37.39 3.02 -0.76	36.06 2.75 -0.60	34.52 2.32 -0.85	33.74 2.25 -0.60	36.09 2.32 -0.70	39.86 2.70 -0.23	44.20 3.32 -0.39	54.17 3.93 -5.02	61.70 4.29 -2.47	61.53 3.93 -9.03	51.87 3.76 -3.89	41.88 2.96 0.01	37.90 2.51 0.00
SOUTHOLD___IC 23719	35.01 1.95 0.00	33.87 1.52 0.00	33.78 1.30 0.00	33.67 1.60 0.00	35.36 1.81 0.00	39.14 2.93 0.00	52.15 4.42 -0.21	57.46 4.50 0.00	53.18 3.92 -3.74	43.45 3.57 -0.22	41.15 3.24 -0.60	37.35 2.99 -0.76	36.03 2.71 -0.60	34.52 2.32 -0.85	33.74 2.25 -0.60	36.09 2.31 -0.70	39.82 2.66 -0.23	44.28 3.40 -0.39	54.18 3.93 -5.04	61.82 4.40 -2.47	61.58 3.98 -9.03	51.83 3.72 -3.89	41.92 3.00 0.00	37.83 2.44 0.00
SOUTH_FORK_WT_PWR 323839	34.68 1.62 0.00	33.55 1.20 0.00	33.45 0.97 0.00	33.38 1.32 0.00	35.06 1.51 0.00	38.82 2.61 0.00	51.77 4.04 -0.21	57.10 4.13 0.00	52.86 3.60 -3.74	43.17 3.29 -0.22	40.78 2.87 -0.60	37.05 2.69 -0.76	35.67 2.36 -0.60	34.11 1.91 -0.85	33.31 1.82 -0.60	35.62 1.85 -0.70	39.30 2.14 -0.23	43.71 2.83 -0.39	53.54 3.30 -5.04	60.99 3.57 -2.47	60.85 3.25 -9.03	51.16 3.05 -3.89	41.33 2.41 0.00	37.44 2.05 0.00
SPIERFLS_115KV_TB 1 80737	34.92 1.85 0.00	34.22 1.88 0.00	34.30 1.82 0.00	33.92 1.86 0.00	35.49 1.95 0.00	38.38 2.17 0.00	51.32 3.80 0.00	57.73 4.77 0.00	54.04 3.78 -4.74	42.48 2.82 0.00	39.85 2.54 0.00	35.85 2.25 0.00	34.77 2.06 0.00	33.39 2.04 0.00	32.80 1.92 0.00	35.13 2.05 0.00	39.36 2.44 0.00	43.49 3.00 0.00	55.08 3.48 -6.39	62.39 4.94 -2.50	62.70 4.32 -9.81	52.85 3.76 -4.87	42.12 3.19 0.00	38.08 2.69 0.00
ST LAWRENCE____ 23600	32.53 -0.53 0.00	31.77 -0.58 0.00	31.90 -0.58 0.00	31.52 -0.55 0.00	32.94 -0.60 0.00	35.59 -0.62 0.00	46.62 -0.90 0.00	51.91 -1.06 0.00	44.70 -0.82 0.00	38.83 -0.83 0.00	36.41 -0.90 0.00	32.66 -0.94 0.00	31.80 -0.92 0.00	30.44 -0.91 0.00	30.02 -0.86 0.00	32.12 -0.96 0.00	35.85 -1.07 0.00	35.46 -1.05 3.98	40.46 -1.18 3.57	41.95 -1.43 11.57	45.06 -1.26 2.24	42.85 -1.19 0.18	37.95 -0.97 0.00	34.54 -0.85 0.00
STATE_CA_115KV_115_LB 55624	34.19 1.12 0.00	33.41 1.07 0.00	33.55 1.07 0.00	33.15 1.09 0.00	34.65 1.11 0.00	37.37 1.16 0.00	48.61 1.09 0.00	54.45 1.48 0.00	51.24 1.05 -4.68	40.65 0.99 0.00	38.17 0.86 0.00	34.41 0.81 0.00	33.50 0.79 0.00	32.14 0.78 0.00	31.63 0.74 0.00	33.84 0.76 0.00	37.78 0.85 0.00	41.91 1.42 0.00	53.06 1.54 -6.32	59.37 1.98 -2.45	59.92 1.75 -9.61	50.53 1.55 -4.76	40.37 1.44 0.00	36.70 1.31 0.00

STATE_ST_34_KV_LOAD 55959	32.70 -0.36 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.74 -0.32 0.00	33.27 -0.27 0.00	35.99 -0.22 0.00	47.43 -0.10 0.00	52.70 -0.26 0.00	45.68 -0.32 -0.47	39.42 -0.24 0.00	37.16 -0.15 0.00	33.50 -0.10 0.00	32.58 -0.13 0.00	31.32 -0.03 0.00	30.83 -0.06 0.00	33.08 0.00 0.00	36.85 -0.07 0.00	40.33 -0.16 0.00	45.70 -0.14 -0.63	55.09 -0.11 -0.25	49.41 -0.15 -0.99	44.58 -0.13 -0.49	38.73 -0.19 0.00	35.18 -0.21 0.00
STATION_5_MISC_HYD 23604	31.44 -1.62 0.00	30.83 -1.52 0.00	30.82 -1.66 0.00	30.33 -1.73 0.00	31.87 -1.68 0.00	34.58 -1.63 0.00	45.29 -2.23 0.00	50.16 -2.81 0.00	43.60 -2.37 -0.45	38.19 -1.47 0.00	36.00 -1.31 0.00	32.56 -1.04 0.00	31.57 -1.15 0.00	30.38 -0.97 0.00	29.87 -1.02 0.00	32.08 -0.99 0.00	35.78 -1.15 0.00	38.71 -1.78 0.00	44.19 -1.63 -0.60	53.26 -1.92 -0.24	47.80 -1.70 -0.94	43.18 -1.50 -0.46	37.49 -1.44 0.00	33.97 -1.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.87 -1.19 0.00	31.31 -1.04 0.00	31.34 -1.14 0.00	30.94 -1.12 0.00	32.44 -1.11 0.00	35.16 -1.05 0.00	46.19 -1.33 0.00	51.32 -1.64 0.00	44.47 -1.50 -0.45	38.47 -1.19 0.00	36.38 -0.93 0.00	32.90 -0.71 0.00	31.89 -0.82 0.00	30.69 -0.66 0.00	30.21 -0.68 0.00	32.45 -0.63 0.00	36.11 -0.81 0.00	39.32 -1.17 0.00	44.69 -1.13 -0.61	53.81 -1.37 -0.24	48.26 -1.26 -0.96	43.59 -1.11 -0.47	37.87 -1.05 0.00	34.29 -1.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.31 -1.75 0.00	30.73 -1.62 0.00	30.73 -1.75 0.00	30.33 -1.73 0.00	31.80 -1.74 0.00	34.47 -1.74 0.00	45.19 -2.33 0.00	50.11 -2.86 0.00	43.60 -2.37 -0.45	37.72 -1.94 0.00	35.82 -1.49 0.00	32.46 -1.14 0.00	31.47 -1.24 0.00	30.25 -1.10 0.00	29.78 -1.11 0.00	31.98 -1.09 0.00	35.67 -1.26 0.00	38.67 -1.82 0.00	44.09 -1.72 -0.60	53.09 -2.09 -0.24	47.60 -1.89 -0.93	43.00 -1.68 -0.46	37.33 -1.60 0.00	33.80 -1.59 0.00
STA_56___34_KV_BUS2 355983	31.31 -1.75 0.00	30.73 -1.62 0.00	30.73 -1.75 0.00	30.33 -1.73 0.00	31.80 -1.74 0.00	34.47 -1.74 0.00	45.19 -2.33 0.00	50.11 -2.86 0.00	43.60 -2.37 -0.45	37.72 -1.94 0.00	35.82 -1.49 0.00	32.46 -1.14 0.00	31.47 -1.24 0.00	30.25 -1.10 0.00	29.78 -1.11 0.00	31.98 -1.09 0.00	35.67 -1.26 0.00	38.67 -1.82 0.00	44.09 -1.72 -0.60	53.09 -2.09 -0.24	47.60 -1.89 -0.93	43.00 -1.68 -0.46	37.33 -1.60 0.00	33.80 -1.59 0.00
STA_67___115KV_BK2 355882	31.34 -1.72 0.00	30.76 -1.59 0.00	30.76 -1.72 0.00	30.36 -1.70 0.00	31.83 -1.71 0.00	34.51 -1.70 0.00	45.19 -2.33 0.00	50.05 -2.91 0.00	43.60 -2.37 -0.45	37.72 -1.94 0.00	35.82 -1.49 0.00	32.46 -1.14 0.00	31.50 -1.21 0.00	30.29 -1.07 0.00	29.81 -1.08 0.00	32.02 -1.06 0.00	35.71 -1.22 0.00	38.67 -1.82 0.00	44.09 -1.72 -0.60	53.15 -2.03 -0.24	47.66 -1.85 -0.94	43.09 -1.59 -0.46	37.41 -1.52 0.00	33.83 -1.56 0.00
STA_7___115KV_9TRANS 80674	31.51 -1.55 0.00	30.92 -1.42 0.00	30.89 -1.59 0.00	30.49 -1.57 0.00	31.97 -1.58 0.00	34.69 -1.52 0.00	45.43 -2.09 0.00	50.37 -2.60 0.00	43.83 -2.14 -0.45	37.96 -1.71 0.00	36.04 -1.27 0.00	32.69 -0.91 0.00	31.66 -1.05 0.00	30.47 -0.88 0.00	29.99 -0.90 0.00	32.25 -0.83 0.00	35.97 -0.96 0.00	39.00 -1.50 0.00	44.46 -1.36 -0.60	53.53 -1.65 -0.24	48.05 -1.46 -0.94	43.36 -1.33 -0.46	37.64 -1.28 0.00	34.04 -1.34 0.00
STA_82___115KV_TB1 80780	31.34 -1.72 0.00	30.76 -1.59 0.00	30.76 -1.72 0.00	30.36 -1.70 0.00	31.83 -1.71 0.00	34.51 -1.70 0.00	45.19 -2.33 0.00	50.05 -2.91 0.00	43.61 -2.37 -0.45	37.72 -1.94 0.00	35.82 -1.49 0.00	32.46 -1.14 0.00	31.50 -1.21 0.00	30.29 -1.07 0.00	29.78 -1.11 0.00	32.02 -1.06 0.00	35.71 -1.22 0.00	38.67 -1.82 0.00	44.10 -1.72 -0.61	53.15 -2.03 -0.24	47.66 -1.85 -0.94	43.10 -1.59 -0.47	37.41 -1.52 0.00	33.83 -1.56 0.00
STEEL___WIND 323596	30.22 -2.84 0.00	29.63 -2.72 0.00	29.46 -3.02 0.00	28.99 -3.08 0.00	30.56 -2.99 0.00	33.13 -3.08 0.00	43.24 -4.28 0.00	47.78 -5.19 0.00	40.09 -5.10 0.33	36.88 -2.78 0.00	34.77 -2.54 0.00	31.59 -2.02 0.00	30.55 -2.16 0.00	29.47 -1.88 0.00	28.82 -2.07 0.00	31.02 -2.05 0.00	34.53 -2.40 0.00	37.01 -3.48 0.00	41.58 -4.48 -0.85	49.95 -5.33 -0.33	43.38 -4.42 0.77	40.89 -3.98 -0.65	36.40 -2.53 0.00	32.73 -2.65 0.00
STEPHTWN_115KV_BK_2 55603	34.35 1.29 0.00	33.58 1.23 0.00	33.68 1.20 0.00	33.31 1.25 0.00	34.82 1.27 0.00	37.59 1.38 0.00	48.90 1.38 0.00	54.77 1.80 0.00	51.43 1.27 -4.63	40.81 1.15 0.00	38.32 1.01 0.00	34.51 0.91 0.00	33.56 0.85 0.00	32.23 0.88 0.00	31.75 0.86 0.00	33.94 0.86 0.00	37.96 1.03 0.00	42.15 1.66 0.00	53.32 1.85 -6.26	59.73 2.36 -2.42	60.17 2.09 -9.51	50.80 1.86 -4.72	40.64 1.71 0.00	36.91 1.52 0.00
STEUBEN_REC_LFGE 323667	30.95 -2.12 0.00	30.47 -1.88 0.00	30.53 -1.95 0.00	30.08 -1.99 0.00	31.56 -1.98 0.00	34.04 -2.17 0.00	44.77 -2.76 0.00	49.52 -3.44 0.00	44.52 -3.73 -2.73	36.45 -3.21 0.00	34.40 -2.91 0.00	31.18 -2.42 0.00	30.22 -2.49 0.00	29.13 -2.23 0.00	28.63 -2.25 0.00	30.83 -2.25 0.00	34.38 -2.55 0.00	37.54 -2.96 0.00	42.70 -3.62 -1.11	51.04 -4.34 -0.44	51.53 -2.87 -5.83	42.46 -2.61 -0.85	37.17 -1.75 0.00	33.48 -1.91 0.00
STILLWATER___SOLAR 323814	34.78 1.72 0.00	34.03 1.68 0.00	34.14 1.66 0.00	33.73 1.67 0.00	35.29 1.74 0.00	38.13 1.92 0.00	50.47 2.95 0.00	56.67 3.71 0.00	53.18 2.92 -4.74	41.84 2.18 0.00	39.32 2.01 0.00	35.45 1.85 0.00	34.44 1.73 0.00	33.08 1.72 0.00	32.52 1.64 0.00	34.83 1.75 0.00	38.99 2.07 0.00	43.00 2.51 0.00	54.42 2.90 -6.31	61.40 3.96 -2.50	61.86 3.50 -9.79	52.17 3.09 -4.86	41.53 2.61 0.00	37.66 2.27 0.00
STONY___BROOK 24151	35.61 2.55 0.00	34.49 2.13 0.00	34.36 1.88 0.00	34.08 2.02 0.00	35.70 2.15 0.00	39.32 3.11 0.00	52.30 4.56 -0.21	57.52 4.56 0.00	53.27 4.01 -3.74	43.77 3.89 -0.22	41.64 3.73 -0.60	37.83 3.46 -0.77	36.62 3.30 -0.60	35.31 3.10 -0.85	34.58 3.09 -0.60	37.02 3.24 -0.70	40.89 3.73 -0.23	45.26 4.37 -0.39	55.13 4.88 -5.04	63.03 5.61 -2.48	62.66 5.05 -9.04	52.76 4.64 -3.89	42.97 4.05 0.00	38.53 3.15 0.00
STURGEON_POOL_HYD 23609	35.01 1.95 0.00	34.26 1.91 0.00	34.33 1.85 0.00	33.89 1.83 0.00	35.42 1.88 0.00	38.20 1.99 0.00	50.23 2.71 0.00	56.30 3.34 0.00	52.12 2.78 -3.82	42.24 2.58 0.00	39.73 2.43 0.00	35.82 2.22 0.00	34.90 2.19 0.00	33.39 2.04 0.00	32.93 2.04 0.00	35.23 2.15 0.00	39.36 2.44 0.00	43.33 2.83 0.00	53.17 2.85 -5.12	60.48 3.52 -2.02	59.60 3.11 -7.93	50.94 2.79 -3.93	41.49 2.57 0.00	37.72 2.34 0.00
ST_LAW_115_BK7_LBMP 345037	32.50 -0.56 0.00	31.73 -0.62 0.00	31.86 -0.62 0.00	31.49 -0.58 0.00	32.87 -0.67 0.00	35.56 -0.65 0.00	46.52 -1.00 0.00	51.80 -1.17 0.00	44.65 -0.87 0.00	38.75 -0.91 0.00	36.34 -0.97 0.00	32.59 -1.01 0.00	31.76 -0.95 0.00	30.38 -0.97 0.00	29.96 -0.93 0.00	32.08 -0.99 0.00	35.78 -1.15 0.00	35.46 -1.09 3.94	40.46 -1.22 3.53	41.97 -1.54 11.44	44.99 -1.36 2.22	42.80 -1.24 0.18	37.88 -1.05 0.00	34.50 -0.88 0.00

ST_LAW_115_BK8_LBMP 345038	32.50 -0.56 0.00	31.73 -0.62 0.00	31.86 -0.62 0.00	31.49 -0.58 0.00	32.87 -0.67 0.00	35.56 -0.65 0.00	46.52 -1.00 0.00	51.80 -1.17 0.00	44.65 -0.87 0.00	38.75 -0.91 0.00	36.34 -0.97 0.00	32.59 -1.01 0.00	31.76 -0.95 0.00	30.38 -0.97 0.00	29.96 -0.93 0.00	32.08 -0.99 0.00	35.78 -1.15 0.00	35.46 -1.09 3.94	40.46 -1.22 3.53	41.97 -1.54 11.44	44.99 -1.36 2.22	42.80 -1.24 0.18	37.88 -1.05 0.00	34.50 -0.88 0.00
ST_LAW_230_BK5_LBMP 345035	32.53 -0.53 0.00	31.77 -0.58 0.00	31.90 -0.58 0.00	31.52 -0.55 0.00	32.94 -0.60 0.00	35.59 -0.62 0.00	46.62 -0.90 0.00	51.91 -1.06 0.00	44.70 -0.82 0.00	38.83 -0.83 0.00	36.41 -0.90 0.00	32.66 -0.94 0.00	31.80 -0.92 0.00	30.44 -0.91 0.00	30.02 -0.86 0.00	32.12 -0.96 0.00	35.85 -1.07 0.00	35.42 -1.05 4.02	40.42 -1.18 3.61	41.83 -1.43 11.69	45.04 -1.26 2.26	42.85 -1.19 0.19	37.95 -0.97 0.00	34.54 -0.85 0.00
ST_LAW_230_BK6_LBMP 345036	32.53 -0.53 0.00	31.77 -0.58 0.00	31.90 -0.58 0.00	31.52 -0.55 0.00	32.94 -0.60 0.00	35.59 -0.62 0.00	46.62 -0.90 0.00	51.91 -1.06 0.00	44.70 -0.82 0.00	38.83 -0.83 0.00	36.41 -0.90 0.00	32.66 -0.94 0.00	31.80 -0.92 0.00	30.44 -0.91 0.00	30.02 -0.86 0.00	32.12 -0.96 0.00	35.85 -1.07 0.00	35.42 -1.05 4.02	40.42 -1.18 3.61	41.83 -1.43 11.69	45.04 -1.26 2.26	42.85 -1.19 0.19	37.95 -0.97 0.00	34.54 -0.85 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.88 1.82 0.00	34.09 1.75 0.00	34.17 1.69 0.00	33.73 1.67 0.00	35.25 1.71 0.00	38.09 1.88 0.00	50.04 2.52 0.00	56.09 3.13 0.00	51.84 2.87 -3.45	42.16 2.50 0.00	39.70 2.39 0.00	35.79 2.18 0.00	34.84 2.13 0.00	33.33 1.98 0.00	32.87 1.98 0.00	35.16 2.08 0.00	39.33 2.40 0.00	43.25 2.75 0.00	52.83 2.98 -4.64	60.41 3.63 -1.84	59.03 3.25 -7.21	50.67 2.87 -3.58	41.42 2.49 0.00	37.62 2.23 0.00
SWANROAD_115KV_TB1 355699	29.23 -3.84 0.00	28.72 -3.62 0.00	28.55 -3.93 0.00	28.22 -3.85 0.00	29.62 -3.92 0.00	32.12 -4.09 0.00	41.82 -5.70 0.00	45.97 -6.99 0.00	39.93 -5.42 0.18	34.98 -4.68 0.00	33.54 -3.77 0.00	30.61 -2.99 0.00	29.67 -3.04 0.00	28.62 -2.73 0.00	28.02 -2.87 0.00	30.16 -2.91 0.00	33.53 -3.40 0.00	35.88 -4.62 0.00	40.60 -5.38 -0.78	48.88 -6.37 -0.31	43.20 -4.95 0.41	40.00 -4.82 -0.60	35.34 -3.58 0.00	31.60 -3.79 0.00
SYNERGY___BIOGAS 323694	30.65 -2.41 0.00	30.12 -2.23 0.00	30.01 -2.47 0.00	29.63 -2.44 0.00	31.09 -2.45 0.00	33.82 -2.39 0.00	44.20 -3.33 0.00	48.89 -4.08 0.00	42.19 -3.32 0.00	36.84 -2.82 0.00	35.14 -2.16 0.00	31.99 -1.61 0.00	30.91 -1.80 0.00	29.82 -1.54 0.00	29.25 -1.64 0.00	31.52 -1.55 0.00	35.12 -1.81 0.00	37.82 -2.67 0.00	42.98 -2.94 -0.71	51.82 -3.41 -0.28	45.90 -2.62 0.04	42.16 -2.61 -0.55	36.98 -1.95 0.00	33.19 -2.19 0.00
SYRACUSE___ENERGY_ST1 323597	32.73 -0.33 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.77 -0.29 0.00	33.27 -0.27 0.00	35.96 -0.25 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.54 -0.36 -0.38	39.30 -0.36 0.00	37.05 -0.26 0.00	33.43 -0.17 0.00	32.51 -0.20 0.00	31.23 -0.13 0.00	30.73 -0.15 0.00	33.04 -0.03 0.00	36.85 -0.07 0.00	40.21 -0.28 0.00	45.39 -0.32 -0.50	54.82 -0.33 -0.20	49.02 -0.34 -0.79	44.30 -0.31 -0.39	38.61 -0.31 0.00	35.11 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	32.73 -0.33 0.00	32.09 -0.26 0.00	32.19 -0.29 0.00	31.77 -0.29 0.00	33.27 -0.27 0.00	35.96 -0.25 0.00	47.28 -0.24 0.00	52.54 -0.42 0.00	45.54 -0.36 -0.38	39.30 -0.36 0.00	37.05 -0.26 0.00	33.43 -0.17 0.00	32.51 -0.20 0.00	31.23 -0.13 0.00	30.73 -0.15 0.00	33.04 -0.03 0.00	36.85 -0.07 0.00	40.21 -0.28 0.00	45.39 -0.32 -0.50	54.82 -0.33 -0.20	49.02 -0.34 -0.79	44.30 -0.31 -0.39	38.61 -0.31 0.00	35.11 -0.28 0.00
SYRACUSE___POWER 24017	32.70 -0.36 0.00	32.06 -0.29 0.00	32.15 -0.32 0.00	31.71 -0.35 0.00	33.21 -0.34 0.00	35.92 -0.29 0.00	47.24 -0.29 0.00	52.49 -0.48 0.00	45.78 -0.14 -0.40	39.26 -0.40 0.00	37.01 -0.30 0.00	33.40 -0.20 0.00	32.48 -0.23 0.00	31.20 -0.16 0.00	30.73 -0.15 0.00	33.21 0.13 0.00	37.04 0.11 0.00	40.21 -0.28 0.00	45.40 -0.32 -0.51	54.77 -0.38 -0.21	49.00 -0.39 -0.83	44.28 -0.35 -0.41	38.61 -0.31 0.00	35.11 -0.28 0.00
TALLMAN___138KV_BK151 55660	35.18 2.12 0.00	34.35 2.01 0.00	34.46 1.98 0.00	33.99 1.92 0.00	35.52 1.98 0.00	38.42 2.21 0.00	50.47 2.95 0.00	56.62 3.65 0.00	52.34 3.28 -3.54	42.56 2.90 0.00	40.07 2.76 0.00	36.12 2.52 0.00	35.20 2.49 0.00	33.67 2.32 0.00	33.17 2.29 0.00	35.52 2.45 0.00	39.70 2.77 0.00	43.65 3.16 0.00	53.41 3.44 -4.76	60.95 4.12 -1.89	59.71 3.74 -7.41	51.26 3.36 -3.67	41.81 2.88 0.00	37.94 2.55 0.00
TEALLAVE_115KV_TB7 355573	32.57 -0.50 0.00	31.96 -0.39 0.00	32.02 -0.45 0.00	31.61 -0.45 0.00	33.11 -0.44 0.00	35.77 -0.43 0.00	47.09 -0.43 0.00	52.28 -0.69 0.00	45.49 -0.36 -0.33	39.15 -0.52 0.00	36.94 -0.37 0.00	33.30 -0.30 0.00	32.42 -0.29 0.00	31.10 -0.25 0.00	30.64 -0.25 0.00	33.11 0.03 0.00	36.89 -0.04 0.00	40.05 -0.45 0.00	45.13 -0.50 -0.42	54.57 -0.55 -0.18	48.72 -0.53 -0.69	44.08 -0.49 -0.34	38.46 -0.47 0.00	34.96 -0.42 0.00
TELGRAPH_34_KV_EAST 80808	30.05 -3.01 0.00	29.53 -2.81 0.00	29.39 -3.09 0.00	29.05 -3.01 0.00	30.49 -3.05 0.00	33.10 -3.11 0.00	43.20 -4.32 0.00	47.67 -5.30 0.00	41.20 -4.23 0.09	36.09 -3.57 0.00	34.51 -2.80 0.00	31.45 -2.15 0.00	30.45 -2.26 0.00	29.38 -1.98 0.00	28.79 -2.10 0.00	30.99 -2.08 0.00	34.49 -2.44 0.00	37.05 -3.44 0.00	42.01 -3.93 -0.74	50.57 -4.67 -0.29	44.64 -3.69 0.23	41.25 -3.54 -0.57	36.32 -2.61 0.00	32.56 -2.83 0.00
TEMPLE___115KV_TB 2 55572	32.60 -0.46 0.00	31.96 -0.39 0.00	32.06 -0.42 0.00	31.65 -0.42 0.00	33.14 -0.40 0.00	35.81 -0.40 0.00	47.09 -0.43 0.00	52.28 -0.69 0.00	45.58 -0.27 -0.33	39.18 -0.48 0.00	36.94 -0.37 0.00	33.33 -0.27 0.00	32.42 -0.29 0.00	31.13 -0.22 0.00	30.67 -0.22 0.00	33.17 0.10 0.00	36.96 0.04 0.00	40.05 -0.45 0.00	45.18 -0.45 -0.42	54.57 -0.55 -0.18	48.73 -0.53 -0.70	44.08 -0.49 -0.35	38.50 -0.43 0.00	35.00 -0.39 0.00
TIANA____69_KV_BK 1 55817	35.31 2.25 0.00	34.00 1.65 0.00	33.97 1.49 0.00	33.76 1.70 0.00	35.46 1.91 0.00	39.25 3.04 0.00	52.11 4.37 -0.21	58.15 5.19 0.00	53.04 3.78 -3.74	43.37 3.49 -0.22	41.15 3.25 -0.60	37.39 3.02 -0.76	36.16 2.85 -0.60	34.77 2.57 -0.85	34.02 2.53 -0.60	36.42 2.65 -0.70	40.23 3.06 -0.23	44.53 3.64 -0.39	54.62 4.39 -5.02	62.14 4.73 -2.47	61.97 4.37 -9.03	52.23 4.11 -3.89	42.27 3.35 0.01	38.08 2.69 0.00
TILDEN___115KV_TB1 80814	32.70 -0.36 0.00	32.06 -0.29 0.00	32.15 -0.32 0.00	31.71 -0.35 0.00	33.21 -0.34 0.00	35.92 -0.29 0.00	47.24 -0.29 0.00	52.49 -0.48 0.00	45.78 -0.14 -0.40	39.26 -0.40 0.00	37.01 -0.30 0.00	33.40 -0.20 0.00	32.48 -0.23 0.00	31.20 -0.16 0.00	30.73 -0.15 0.00	33.21 0.13 0.00	37.04 0.11 0.00	40.21 -0.28 -0.51	45.40 -0.32 -0.21	54.77 -0.38 -0.83	49.00 -0.39 -0.41	44.28 -0.35 -0.41	38.61 -0.31 0.00	35.11 -0.28 0.00

TRIGEN__CC 323695	35.68 2.61 0.00	34.55 2.20 0.00	34.56 2.08 0.00	34.12 2.05 0.00	35.63 2.08 0.00	39.00 2.79 0.00	52.19 4.23 -0.44	57.78 4.82 0.00	53.00 3.73 -3.74	43.88 3.77 -0.45	42.07 3.54 -1.21	38.38 3.23 -1.55	37.10 3.17 -1.22	36.13 3.04 -1.74	35.13 3.03 -1.22	37.71 3.21 -1.42	41.03 3.62 -0.48	45.25 3.97 -0.79	54.57 4.34 -5.02	63.09 5.16 -2.98	63.52 4.66 -10.29	52.32 4.20 -3.90	42.73 3.81 0.01	38.50 3.11 0.00
TRINITY__115KV__ 4 BK 55933	34.12 1.06 0.00	33.35 1.00 0.00	33.49 1.01 0.00	33.09 1.03 0.00	34.62 1.07 0.00	37.33 1.12 0.00	48.47 0.95 0.00	54.24 1.27 0.00	50.98 0.82 -4.64	40.49 0.83 0.00	38.02 0.71 0.00	34.27 0.67 0.00	33.37 0.65 0.00	32.01 0.66 0.00	31.54 0.65 0.00	33.70 0.63 0.00	37.63 0.70 0.00	41.83 1.34 0.00	52.93 1.45 -6.27	59.19 1.81 -2.43	59.70 1.60 -9.53	50.36 1.42 -4.73	40.29 1.36 0.00	36.63 1.24 0.00
UNION__PROCESSING_DRP 323587	31.34 -1.72 0.00	30.76 -1.59 0.00	30.76 -1.72 0.00	30.36 -1.70 0.00	31.83 -1.71 0.00	34.51 -1.70 0.00	45.19 -2.33 0.00	50.05 -2.91 0.00	43.61 -2.37 -0.45	37.72 -1.94 0.00	35.82 -1.49 0.00	32.46 -1.14 0.00	31.50 -1.21 0.00	30.29 -1.07 0.00	29.81 -1.08 0.00	32.02 -1.06 0.00	35.71 -1.22 0.00	38.67 -1.82 0.00	44.10 -1.72 -0.61	53.15 -2.03 -0.24	47.67 -1.85 -0.95	43.10 -1.59 -0.47	37.41 -1.52 0.00	33.83 -1.56 0.00
UPPER HUDSON__HYD 24058	34.91 1.85 0.00	34.22 1.88 0.00	34.30 1.82 0.00	33.92 1.86 0.00	35.49 1.94 0.00	38.38 2.17 0.00	51.32 3.80 0.00	57.74 4.77 0.00	53.95 3.69 -4.74	42.40 2.73 0.00	39.77 2.46 0.00	35.85 2.25 0.00	34.77 2.06 0.00	33.39 2.04 0.00	32.80 1.92 0.00	35.13 2.05 0.00	39.36 2.44 0.00	43.49 3.00 0.00	55.01 3.48 -6.32	62.39 4.95 -2.50	62.69 4.32 -9.81	52.84 3.76 -4.86	42.12 3.19 0.00	38.08 2.69 0.00
UPPER RAQUET__HYD 24056	31.87 -1.19 0.00	31.09 -1.26 0.00	31.21 -1.27 0.00	30.88 -1.19 0.00	32.23 -1.31 0.00	34.98 -1.23 0.00	45.62 -1.90 0.00	50.79 -2.17 0.00	43.97 -1.55 0.00	37.96 -1.70 0.00	35.52 -1.79 0.00	31.75 -1.85 0.00	36.73 -1.77 -5.79	35.15 -1.79 -5.58	34.68 -1.73 -5.52	37.09 -1.82 -5.84	41.30 -1.99 -6.37	41.79 -1.90 -3.20	47.39 -2.08 -4.26	50.68 -2.47 1.79	44.58 -2.23 1.76	49.30 -2.17 -7.24	43.83 -1.75 -6.66	40.02 -1.56 -6.18
VALLEY44_115KV_TB2 355964	30.68 -2.38 0.00	30.18 -2.17 0.00	30.04 -2.44 0.00	29.66 -2.40 0.00	31.16 -2.38 0.00	33.78 -2.43 0.00	44.24 -3.28 0.00	49.15 -3.81 0.00	41.77 -4.19 -0.44	37.04 -2.62 0.00	35.18 -2.13 0.00	31.95 -1.65 0.00	30.94 -1.77 0.00	29.85 -1.50 0.00	29.19 -1.70 0.00	31.39 -1.69 0.00	35.01 -1.92 0.00	37.86 -2.63 0.00	41.38 -4.79 -0.96	49.56 -5.77 -0.38	44.89 -4.57 -0.89	40.59 -4.38 -0.74	37.06 -1.87 0.00	33.23 -2.16 0.00
VALLEY__115KV_TB 1-4 80826	32.50 -0.56 0.00	31.83 -0.52 0.00	31.93 -0.55 0.00	31.49 -0.58 0.00	32.74 -0.81 0.00	35.34 -0.87 0.00	46.52 -1.00 0.00	52.01 -0.95 0.00	44.75 -0.77 0.00	38.79 -0.87 0.00	36.23 -1.08 0.00	32.53 -1.08 0.00	31.70 -1.01 0.00	30.32 -1.03 0.00	29.81 -1.08 0.00	31.85 -1.22 0.00	35.52 -1.40 0.00	39.34 -1.46 -0.30	43.90 -1.58 -0.28	53.92 -1.92 -0.90	47.04 -1.70 -0.17	42.69 -1.55 -0.01	37.41 -1.52 0.00	34.01 -1.38 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.58 1.52 0.00	33.90 1.55 0.00	34.04 1.56 0.00	33.63 1.57 0.00	35.15 1.61 0.00	38.02 1.81 0.00	50.18 2.66 0.00	55.99 3.02 0.00	49.88 2.73 -1.63	41.88 2.22 0.00	39.40 2.09 0.00	35.48 1.88 0.00	34.61 1.90 0.00	33.08 1.72 0.00	32.53 1.64 0.00	34.89 1.82 0.00	38.99 2.07 0.00	42.88 2.39 0.00	49.88 2.49 -2.18	58.88 3.08 -0.86	54.72 2.77 -3.39	48.42 2.52 -1.68	41.14 2.22 0.00	37.33 1.95 0.00
VISCHER__FERRY HYD 24020	34.55 1.49 0.00	33.77 1.42 0.00	33.91 1.43 0.00	33.47 1.41 0.00	35.05 1.51 0.00	37.84 1.63 0.00	49.71 2.19 0.00	55.72 2.75 0.00	52.45 2.23 -4.70	41.45 1.79 0.00	38.99 1.68 0.00	35.15 1.55 0.00	34.18 1.47 0.00	32.79 1.44 0.00	32.28 1.39 0.00	34.57 1.49 0.00	38.63 1.70 0.00	42.60 2.10 0.00	53.85 2.39 -6.25	60.49 3.08 -2.47	60.98 2.72 -9.69	51.46 2.43 -4.81	41.03 2.10 0.00	37.19 1.80 0.00
V_A_10_SYNC_DSASP 323832	30.55 -2.51 0.00	29.95 -2.39 0.00	29.88 -2.60 0.00	29.40 -2.66 0.00	30.89 -2.65 0.00	33.53 -2.68 0.00	43.77 -3.76 0.00	48.25 -4.71 0.00	41.69 -3.92 -0.08	37.08 -2.58 0.00	35.00 -2.31 0.00	31.72 -1.88 0.00	30.78 -1.93 0.00	29.66 -1.69 0.00	29.07 -1.82 0.00	31.26 -1.82 0.00	34.78 -2.14 0.00	37.38 -3.12 0.00	42.80 -3.08 -0.66	51.58 -3.63 -0.26	45.50 -3.21 -0.14	41.99 -2.74 -0.51	36.51 -2.41 0.00	33.02 -2.37 0.00
V_CMM_10_SYNC_DSASP 323787	32.60 -0.46 0.00	31.83 -0.52 0.00	31.96 -0.52 0.00	31.58 -0.48 0.00	33.00 -0.54 0.00	35.70 -0.51 0.00	46.71 -0.81 0.00	52.01 -0.95 0.00	44.84 -0.68 0.00	38.91 -0.75 0.00	36.49 -0.82 0.00	32.73 -0.87 0.00	31.86 -0.85 0.00	30.51 -0.85 0.00	30.09 -0.80 0.00	32.18 -0.89 0.00	35.93 -1.00 0.00	35.58 -0.97 3.94	40.59 -1.09 3.53	42.18 -1.32 11.44	45.18 -1.17 2.22	42.98 -1.06 0.18	38.03 -0.89 0.00	34.64 -0.74 0.00
V_CMP_10_SYNC_DSASP 323788	32.63 -0.43 0.00	31.77 -0.58 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.87 -0.67 0.00	35.67 -0.54 0.00	46.81 -0.71 0.00	52.12 -0.85 0.00	44.79 -0.73 0.00	38.63 -1.03 0.00	35.89 -1.42 0.00	32.12 -1.48 0.00	-7.20 -1.34 38.57	-7.20 -1.35 37.20	-7.20 -1.30 36.79	-7.20 -1.39 38.89	-7.09 -1.59 42.43	-7.04 -1.50 46.03	-6.74 -1.72 50.23	-6.59 -2.03 59.50	44.57 -1.80 2.20	-6.53 -1.68 49.08	-6.96 -1.52 44.36	-7.08 -1.27 41.19
V_D_10_SYNC_DSASP 323841	32.70 -0.36 0.00	31.89 -0.45 0.00	32.06 -0.42 0.00	31.68 -0.38 0.00	33.07 -0.47 0.00	35.81 -0.40 0.00	46.71 -0.81 0.00	52.01 -0.95 0.00	44.98 -0.54 0.00	39.02 -0.64 0.00	36.56 -0.75 0.00	32.76 -0.84 0.00	33.20 -0.79 -1.28	31.77 -0.82 -1.23	31.33 -0.77 -1.22	33.54 -0.83 -1.29	37.41 -0.92 -1.40	37.23 -0.85 2.42	42.43 -0.95 1.83	44.31 -1.21 9.43	45.35 -1.07 2.14	44.60 -1.10 -1.48	39.61 -0.78 -1.47	36.12 -0.64 -1.36
V_E_10_SYNC_DSASP 323830	34.42 1.36 0.00	33.84 1.49 0.00	33.94 1.46 0.00	33.60 1.54 0.00	35.25 1.71 0.00	38.46 2.25 0.00	51.13 3.61 0.00	56.57 3.60 0.00	49.61 2.78 -1.31	41.72 2.06 0.00	39.03 1.72 0.00	35.01 1.41 0.00	34.12 1.41 0.00	32.57 1.22 0.00	31.97 1.08 0.00	34.46 1.39 0.00	38.63 1.70 0.00	42.76 2.27 0.00	49.30 2.53 -1.56	58.91 3.35 -0.62	54.27 2.96 -2.74	47.90 2.47 -1.20	41.03 2.10 0.00	37.19 1.80 0.00
V_F_30_NSYNC__DSASP 323816	34.78 1.72 0.00	34.06 1.71 0.00	34.17 1.69 0.00	33.76 1.70 0.00	35.32 1.78 0.00	38.16 1.95 0.00	50.57 3.04 0.00	56.73 3.76 0.00	53.27 3.00 -4.75	41.96 2.30 0.00	39.40 2.09 0.00	35.52 1.91 0.00	34.51 1.80 0.00	33.14 1.79 0.00	32.59 1.70 0.00	34.89 1.82 0.00	39.07 2.14 0.00	43.09 2.59 0.00	54.52 2.98 -6.32	61.51 4.07 -2.50	61.97 3.59 -9.81	52.23 3.14 -4.86	41.61 2.68 0.00	37.69 2.30 0.00



V_F_30_SYNC_DSASP 323786	34.19 1.12 0.00	33.41 1.07 0.00	33.55 1.07 0.00	33.15 1.09 0.00	34.65 1.11 0.00	37.37 1.16 0.00	48.61 1.09 0.00	54.45 1.48 0.00	51.20 1.00 -4.67	40.65 0.99 0.00	38.17 0.86 0.00	34.41 0.81 0.00	33.50 0.79 0.00	32.10 0.75 0.00	31.63 0.74 0.00	33.84 0.76 0.00	37.78 0.85 0.00	41.91 1.42 0.00	53.06 1.54 -6.31	59.37 1.98 -2.45	59.92 1.75 -9.60	50.53 1.55 -4.76	40.37 1.44 0.00	36.70 1.31 0.00
V_XM_10_SYNC_DSASP 323789	32.63 -0.43 0.00	31.77 -0.58 0.00	31.86 -0.62 0.00	31.45 -0.61 0.00	32.87 -0.67 0.00	35.67 -0.54 0.00	46.81 -0.71 0.00	52.12 -0.85 0.00	44.79 -0.73 0.00	38.63 -1.03 0.00	35.89 -1.42 0.00	32.12 -1.48 0.00	-7.20 -1.34 38.57	-7.20 -1.35 37.20	-7.20 -1.30 36.79	-7.20 -1.39 38.89	-7.09 -1.59 42.43	-7.04 -1.50 46.03	-6.74 -1.72 50.23	-6.59 -2.03 59.50	44.57 -1.80 2.20	-6.53 -1.68 49.08	-6.96 -1.52 44.36	-7.08 -1.27 41.19
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.25 2.18 0.00	34.45 2.10 0.00	34.53 2.05 0.00	34.08 2.02 0.00	35.62 2.08 0.00	38.49 2.28 0.00	50.61 3.09 0.00	56.78 3.81 0.00	52.52 3.41 -3.58	42.67 3.01 0.00	40.18 2.87 0.00	36.22 2.62 0.00	35.26 2.55 0.00	33.73 2.38 0.00	33.27 2.38 0.00	35.59 2.51 0.00	39.81 2.88 0.00	43.77 3.28 0.00	53.59 3.57 -4.81	61.19 4.34 -1.91	59.94 3.89 -7.48	51.38 3.45 -3.71	41.92 3.00 0.00	38.04 2.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.78 2.71 0.00	34.88 2.59 0.05	35.05 2.57 0.00	34.56 2.50 0.00	36.04 2.55 0.05	39.11 2.90 0.00	54.64 3.85 -3.27	57.68 4.66 -0.05	53.39 4.10 -3.77	46.71 3.65 -3.40	49.57 3.51 -8.75	47.99 3.19 -11.20	44.63 3.11 -8.81	47.00 2.92 -12.74	42.73 2.87 -8.97	46.62 3.08 -10.47	43.99 3.47 -3.59	50.10 3.97 -5.64	54.59 4.29 -5.08	69.42 5.22 -9.25	79.10 4.66 -25.87	52.29 4.16 -3.91	42.64 3.66 -0.06	38.64 3.22 -0.03
W50THST__13_KV_LOAD 356117	35.97 2.91 0.00	35.04 2.75 0.05	35.24 2.76 0.00	34.76 2.69 0.00	36.24 2.75 0.05	39.29 3.08 0.00	54.98 4.18 -3.27	58.05 5.03 -0.05	53.75 4.46 -3.77	47.03 3.97 -3.40	49.83 3.77 -8.75	48.26 3.46 -11.20	44.86 3.34 -8.81	47.22 3.14 -12.74	42.95 3.09 -8.97	46.85 3.31 -10.47	44.25 3.73 -3.59	50.38 4.25 -5.64	54.90 4.61 -5.08	69.75 5.55 -9.25	79.44 5.00 -25.87	52.55 4.42 -3.91	42.83 3.85 -0.06	38.81 3.40 -0.03
WADING RIVER_IC_1 23522	34.88 1.82 0.00	33.77 1.42 0.00	33.65 1.17 0.00	33.54 1.48 0.00	35.29 1.74 0.00	39.07 2.86 0.00	51.82 4.09 -0.21	57.04 4.08 0.00	52.63 3.37 -3.74	42.94 3.05 -0.22	40.82 2.91 -0.60	37.08 2.72 -0.76	35.90 2.58 -0.60	34.58 2.38 -0.85	33.83 2.35 -0.60	36.22 2.45 -0.70	40.00 2.84 -0.23	44.32 3.44 -0.39	54.40 4.16 -5.04	61.82 4.40 -2.47	61.63 4.03 -9.03	51.87 3.76 -3.89	42.07 3.15 0.00	37.76 2.37 0.00
WADING RIVER_IC_2 23547	34.88 1.82 0.00	33.77 1.42 0.00	33.65 1.17 0.00	33.54 1.48 0.00	35.29 1.74 0.00	39.07 2.86 0.00	51.82 4.09 -0.21	57.04 4.08 0.00	52.63 3.37 -3.74	42.94 3.05 -0.22	40.82 2.91 -0.60	37.08 2.72 -0.76	35.90 2.58 -0.60	34.58 2.38 -0.85	33.83 2.35 -0.60	36.22 2.45 -0.70	40.00 2.84 -0.23	44.32 3.44 -0.39	54.40 4.16 -5.04	61.82 4.40 -2.47	61.63 4.03 -9.03	51.87 3.76 -3.89	42.07 3.15 0.00	37.76 2.37 0.00
WADING RIVER_IC_3 23601	34.88 1.82 0.00	33.77 1.42 0.00	33.65 1.17 0.00	33.54 1.48 0.00	35.29 1.74 0.00	39.07 2.86 0.00	51.82 4.09 -0.21	57.04 4.08 0.00	52.63 3.37 -3.74	42.94 3.05 -0.22	40.82 2.91 -0.60	37.08 2.72 -0.76	35.90 2.58 -0.60	34.58 2.38 -0.85	33.83 2.35 -0.60	36.22 2.45 -0.70	40.00 2.84 -0.23	44.32 3.44 -0.39	54.40 4.16 -5.04	61.82 4.40 -2.47	61.63 4.03 -9.03	51.87 3.76 -3.89	42.07 3.15 0.00	37.76 2.37 0.00
WALDENNY_12_KV_BK2 80841	30.15 -2.91 0.00	29.63 -2.72 0.00	29.46 -3.02 0.00	29.11 -2.95 0.00	30.59 -2.95 0.00	33.13 -3.08 0.00	43.29 -4.23 0.00	47.78 -5.19 0.00	40.79 -4.42 0.31	36.29 -3.37 0.00	34.66 -2.65 0.00	31.62 -1.98 0.00	30.58 -2.13 0.00	29.53 -1.82 0.00	28.88 -2.01 0.00	31.09 -1.98 0.00	34.60 -2.33 0.00	37.13 -3.36 0.00	41.71 -4.34 -0.84	50.11 -5.16 -0.33	43.62 -4.23 0.72	41.02 -3.85 -0.65	36.47 -2.45 0.00	32.63 -2.76 0.00
WALDEN__HYDRO 24148	35.01 1.95 0.00	34.22 1.88 0.00	34.30 1.82 0.00	33.86 1.80 0.00	35.39 1.84 0.00	38.24 2.03 0.00	50.28 2.76 0.00	56.36 3.39 0.00	52.12 3.00 -3.59	42.32 2.66 0.00	39.81 2.50 0.00	35.89 2.28 0.00	34.94 2.22 0.00	33.42 2.07 0.00	32.96 2.07 0.00	35.26 2.18 0.00	39.44 2.51 0.00	43.41 2.92 0.00	53.20 3.16 -4.83	60.70 3.85 -1.91	59.52 3.45 -7.51	51.00 3.05 -3.72	41.57 2.65 0.00	37.76 2.37 0.00
WARRENSBURG____ 23737	34.92 1.85 0.00	34.22 1.88 0.00	34.30 1.82 0.00	33.92 1.86 0.00	35.49 1.95 0.00	38.38 2.17 0.00	51.32 3.80 0.00	57.73 4.77 0.00	54.04 3.78 -4.74	42.48 2.82 0.00	39.85 2.54 0.00	35.85 2.25 0.00	34.77 2.06 0.00	33.39 2.04 0.00	32.80 1.92 0.00	35.13 2.05 0.00	39.36 2.44 0.00	43.49 3.00 0.00	55.08 3.48 -6.39	62.39 4.94 -2.50	62.70 4.32 -9.81	52.85 3.76 -4.87	42.12 3.19 0.00	38.08 2.69 0.00
WATERSIDE____6 8 9 23538	44.08 2.91 -8.10	38.45 2.75 -3.35	37.63 2.73 -2.43	34.77 2.69 -0.01	36.37 2.75 -0.08	39.30 3.08 -0.01	57.74 3.90 -6.32	62.98 4.71 -5.30	72.23 4.28 -22.43	71.78 3.77 -28.35	57.83 3.62 -16.90	58.52 3.29 -21.63	57.06 3.21 -21.15	58.96 3.01 -24.60	57.70 3.00 -23.82	71.70 3.18 -35.45	71.70 3.62 -31.15	110.64 3.93 -66.22	103.17 4.29 -53.66	103.86 5.16 -43.76	95.90 4.66 -42.67	65.17 4.33 -16.61	58.02 3.70 -15.40	55.04 3.26 -16.39
WATKINRD_115KV_LN8_ILLION 55919	32.24 -0.83 0.00	31.54 -0.81 0.00	31.64 -0.84 0.00	31.20 -0.87 0.00	32.40 -1.14 0.00	34.94 -1.27 0.00	46.10 -1.43 0.00	51.59 -1.38 0.00	44.34 -1.18 0.00	38.35 -1.31 0.00	35.74 -1.57 0.00	32.06 -1.55 0.00	31.24 -1.47 0.00	29.88 -1.47 0.00	29.34 -1.54 0.00	31.36 -1.72 0.00	34.93 -1.99 0.00	38.77 -2.02 -0.30	43.27 -2.22 -0.28	53.15 -2.69 -0.90	46.36 -2.38 -0.17	42.03 -2.21 -0.01	36.78 -2.14 0.00	33.44 -1.95 0.00
WATSON__69_KV_BK 1 55734	36.01 2.94 0.00	34.71 2.36 0.00	34.69 2.21 0.00	34.28 2.21 0.00	35.90 2.35 0.00	39.54 3.33 0.00	52.64 4.89 -0.22	58.68 5.72 0.00	53.68 4.42 -3.74	44.13 4.24 -0.23	41.96 4.03 -0.62	38.09 3.70 -0.79	36.93 3.60 -0.62	35.59 3.35 -0.88	34.84 3.34 -0.62	37.30 3.51 -0.72	41.19 4.03 -0.24	45.51 4.62 -0.40	55.43 5.20 -5.02	63.43 5.99 -2.49	63.13 5.49 -9.08	53.20 5.09 -3.89	43.24 4.32 0.01	38.89 3.50 0.00
WDELAWARE__HYD 323627	34.98 1.92 0.00	34.26 1.91 0.00	34.30 1.82 0.00	33.89 1.83 0.00	35.39 1.84 0.00	38.24 2.03 0.00	50.42 2.90 0.00	56.46 3.49 0.00	52.01 3.10 -3.39	42.24 2.58 0.00	39.73 2.42 0.00	35.82 2.22 0.00	34.87 2.16 0.00	33.39 2.04 0.00	32.93 2.04 0.00	35.22 2.15 0.00	39.44 2.51 0.00	43.45 2.95 0.00	52.97 3.21 -4.55	60.71 3.96 -1.80	59.09 3.45 -7.07	50.78 3.05 -3.51	41.57 2.65 0.00	37.76 2.37 0.00

WEST BABYLON___IC 23714	36.01 2.94 0.00	34.75 2.39 0.00	34.69 2.21 0.00	34.28 2.21 0.00	35.86 2.31 0.00	39.43 3.22 0.00	52.56 4.80 -0.24	58.52 5.56 0.00	53.54 4.28 -3.74	44.11 4.20 -0.25	41.97 3.99 -0.67	38.08 3.63 -0.85	36.92 3.53 -0.67	35.63 3.32 -0.95	34.86 3.31 -0.67	37.36 3.51 -0.78	41.21 4.03 -0.26	45.46 4.54 -0.43	55.30 5.06 -5.02	63.36 5.88 -2.53	63.13 5.39 -9.17	53.07 4.95 -3.89	43.20 4.28 0.01	38.85 3.47 0.00
WEST CANADA___HYD 24049	33.26 0.20 0.00	32.54 0.20 0.00	32.68 0.20 0.00	32.26 0.19 0.00	33.74 0.20 0.00	36.43 0.22 0.00	47.86 0.33 0.00	53.34 0.37 0.00	45.84 0.32 0.00	39.90 0.24 0.00	37.53 0.23 0.00	33.84 0.24 0.00	32.94 0.23 0.00	31.57 0.22 0.00	31.11 0.22 0.00	33.27 0.20 0.00	37.19 0.26 0.00	41.12 0.32 -0.30	45.84 0.36 -0.28	56.28 0.44 -0.90	49.13 0.39 -0.17	44.59 0.35 -0.01	39.20 0.27 0.00	35.64 0.25 0.00
WESTERN_NY_WIND 24143	30.55 -2.51 0.00	30.05 -2.30 0.00	29.91 -2.57 0.00	29.56 -2.50 0.00	31.03 -2.52 0.00	33.71 -2.50 0.00	44.10 -3.42 0.00	48.73 -4.24 0.00	42.02 -3.46 0.04	36.77 -2.90 0.00	35.07 -2.24 0.00	31.92 -1.68 0.00	30.85 -1.86 0.00	29.75 -1.60 0.00	29.19 -1.70 0.00	31.45 -1.62 0.00	35.04 -1.88 0.00	37.74 -2.75 0.00	42.90 -3.03 -0.72	51.66 -3.57 -0.29	45.73 -2.72 0.12	42.08 -2.70 -0.56	36.90 -2.02 0.00	33.12 -2.26 0.00
WESTOVER___LESR 323668	32.80 -0.26 0.00	32.19 -0.16 0.00	32.25 -0.23 0.00	31.84 -0.22 0.00	33.37 -0.17 0.00	36.03 -0.18 0.00	47.38 -0.14 0.00	52.70 -0.26 0.00	46.35 -0.36 -1.20	39.46 -0.20 0.00	37.23 -0.07 0.00	33.63 0.03 0.00	32.68 -0.03 0.00	31.38 0.03 0.00	30.89 0.00 0.00	33.11 0.03 0.00	36.96 0.04 0.00	40.41 -0.08 0.00	46.55 -0.27 -1.61	55.25 -0.33 -0.64	50.82 -0.24 -2.50	45.24 -0.22 -1.24	38.96 0.04 0.00	35.35 -0.04 0.00
WETHRSFD_WT_PWR 323626	30.15 -2.91 0.00	29.57 -2.78 0.00	29.49 -2.99 0.00	29.05 -3.02 0.00	30.56 -2.99 0.00	33.06 -3.15 0.00	43.15 -4.37 0.00	47.62 -5.35 0.00	37.28 -5.37 2.87	36.09 -3.57 0.00	33.95 -3.36 0.00	30.74 -2.86 0.00	29.77 -2.94 0.00	28.69 -2.67 0.00	28.17 -2.72 0.00	30.33 -2.74 0.00	33.86 -3.06 0.00	36.61 -3.89 0.00	41.42 -4.75 -0.96	49.67 -5.66 -0.38	37.70 -4.61 6.26	40.76 -4.20 -0.74	35.93 -3.00 0.00	32.42 -2.97 0.00
WHAVSTOR_138KV_BK127 55557	35.25 2.18 0.00	34.42 2.07 0.00	34.53 2.05 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.49 2.28 0.00	50.56 3.04 0.00	56.73 3.76 0.00	52.48 3.37 -3.59	42.64 2.97 0.00	40.14 2.84 0.00	36.19 2.59 0.00	35.23 2.52 0.00	33.70 2.35 0.00	33.24 2.35 0.00	35.56 2.48 0.00	39.77 2.84 0.00	43.73 3.24 0.00	53.56 3.53 -4.83	61.09 4.23 -1.91	59.86 3.79 -7.51	51.35 3.41 -3.72	41.88 2.96 0.00	38.01 2.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.25 2.18 0.00	34.42 2.07 0.00	34.53 2.05 0.00	34.05 1.99 0.00	35.59 2.05 0.00	38.49 2.28 0.00	50.56 3.04 0.00	56.73 3.76 0.00	52.48 3.37 -3.59	42.64 2.97 0.00	40.14 2.84 0.00	36.19 2.59 0.00	35.23 2.52 0.00	33.70 2.35 0.00	33.24 2.35 0.00	35.56 2.48 0.00	39.77 2.84 0.00	43.73 3.24 0.00	53.56 3.53 -4.83	61.09 4.23 -1.91	59.86 3.79 -7.51	51.35 3.41 -3.72	41.88 2.96 0.00	38.01 2.62 0.00
WHITEHAL_115KV_TB1 80871	35.21 2.15 0.00	34.51 2.17 0.00	34.59 2.11 0.00	34.21 2.15 0.00	35.82 2.28 0.00	38.78 2.57 0.00	51.89 4.37 0.00	58.47 5.51 0.00	54.50 4.23 -4.74	42.75 3.09 0.00	40.07 2.76 0.00	36.05 2.45 0.00	34.94 2.22 0.00	33.55 2.19 0.00	32.96 2.07 0.00	35.32 2.25 0.00	39.59 2.66 0.00	43.85 3.36 0.00	55.53 3.93 -6.39	63.16 5.71 -2.50	63.38 5.00 -9.81	53.37 4.29 -4.86	42.51 3.58 0.00	38.43 3.04 0.00
WHITEPLN_13_KV_LOAD 356215	35.68 2.61 0.00	34.84 2.49 0.00	34.95 2.47 0.00	34.44 2.37 0.00	36.02 2.48 0.00	38.96 2.75 0.00	51.39 3.71 -0.16	57.52 4.56 0.00	53.35 4.10 -3.74	43.40 3.57 -0.17	41.14 3.40 -0.44	37.25 3.09 -0.56	36.16 3.01 -0.44	34.78 2.79 -0.64	34.12 2.78 -0.45	36.58 2.98 -0.52	40.47 3.36 -0.18	44.62 3.85 -0.28	54.43 4.20 -5.02	62.41 5.11 -2.35	61.89 4.61 -8.71	52.21 4.11 -3.87	42.43 3.50 0.00	38.47 3.08 0.00
WM_FLOYD_69_KV_BK2 356380	35.41 2.35 0.00	34.10 1.75 0.00	34.07 1.59 0.00	33.83 1.76 0.00	35.49 1.95 0.00	39.21 3.01 0.00	52.11 4.37 -0.21	58.10 5.14 0.00	53.04 3.78 -3.74	43.37 3.49 -0.22	41.19 3.28 -0.60	37.42 3.06 -0.76	36.26 2.94 -0.60	34.90 2.70 -0.85	34.17 2.69 -0.60	36.55 2.78 -0.70	40.37 3.21 -0.23	44.69 3.81 -0.39	54.75 4.52 -5.02	62.36 4.94 -2.47	62.16 4.57 -9.03	52.40 4.29 -3.89	42.46 3.54 0.01	38.22 2.83 0.00
WOODARD__115KV_TB2 355635	32.57 -0.50 0.00	31.93 -0.42 0.00	32.02 -0.45 0.00	31.61 -0.45 0.00	33.07 -0.47 0.00	35.74 -0.47 0.00	47.05 -0.48 0.00	52.22 -0.74 0.00	45.36 -0.50 -0.34	39.11 -0.56 0.00	36.86 -0.45 0.00	33.27 -0.34 0.00	32.35 -0.36 0.00	31.07 -0.28 0.00	30.58 -0.31 0.00	32.94 -0.13 0.00	36.74 -0.18 0.00	39.97 -0.53 0.00	45.10 -0.54 -0.44	54.46 -0.66 -0.18	48.64 -0.63 -0.70	44.00 -0.57 -0.35	38.42 -0.51 0.00	34.93 -0.46 0.00
YORK___WARBASSE 23770	44.34 3.17 -8.10	38.71 3.01 -3.35	37.89 2.99 -2.42	34.96 2.89 -0.01	36.60 2.99 -0.07	39.51 3.30 -0.01	57.69 3.85 -6.32	63.03 4.77 -5.30	72.46 4.51 -22.43	72.06 4.05 -28.35	58.09 3.88 -16.90	58.76 3.53 -21.63	57.23 3.37 -21.15	59.18 3.23 -24.60	57.92 3.21 -23.82	71.93 3.41 -35.45	71.96 3.88 -31.15	110.68 3.97 -66.22	103.26 4.39 -53.66	103.97 5.27 -43.76	96.00 4.76 -42.67	65.43 4.60 -16.61	57.99 3.66 -15.40	55.00 3.22 -16.39