

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										05/23/2026		
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	34.30	32.92	31.47	29.88	31.14	31.15	29.52	31.60	33.09	35.69	35.51	36.39	37.36	37.04	36.26	38.62	40.96	43.84	46.61	48.99	51.81	42.28	39.83	34.04				
		2.39	1.62	1.52	1.23	1.23	1.45	1.58	1.94	2.53	3.03	2.87	3.12	3.16	2.92	3.21	3.45	3.62	3.88	3.89	3.96	3.48	3.00	2.82	1.99				
		-2.45	-10.49	-10.22	-12.83	-14.07	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.77	-5.37	-7.48				
74TH STREET_GT_1	24260	34.27	32.90	31.45	29.87	31.12	31.14	29.51	31.56	33.03	35.60	35.45	36.33	37.29	36.98	36.19	38.55	40.92	43.76	46.52	48.90	51.77	42.24	39.77	34.02				
		2.36	1.60	1.50	1.22	1.22	1.43	1.56	1.90	2.47	2.94	2.81	3.05	3.10	2.86	3.14	3.38	3.58	3.80	3.80	3.87	3.44	2.97	2.75	1.97				
		-2.45	-10.49	-10.22	-12.83	-14.07	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48				
74TH STREET_GT_2	24261	34.27	32.90	31.45	29.87	31.12	31.14	29.51	31.56	33.03	35.60	35.45	36.33	37.29	36.98	36.19	38.55	40.92	43.76	46.52	48.90	51.77	42.24	39.77	34.02				
		2.36	1.60	1.50	1.22	1.22	1.43	1.56	1.90	2.47	2.94	2.81	3.05	3.10	2.86	3.14	3.38	3.58	3.80	3.80	3.87	3.44	2.97	2.75	1.97				
		-2.45	-10.49	-10.22	-12.83	-14.07	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48				
ADK HUDSON___FALLS	24011	34.28	34.45	32.99	31.88	33.38	32.84	30.76	32.36	32.57	34.70	34.63	34.98	35.99	35.99	34.51	36.79	39.24	42.16	45.45	48.04	52.70	42.57	40.18	35.02				
		1.94	1.33	1.26	1.01	1.04	1.21	1.16	1.39	1.57	1.73	1.49	1.56	1.45	1.22	1.45	1.62	1.90	2.20	2.73	3.02	2.74	2.45	2.21	1.65				
		-2.87	-12.31	-11.99	-15.05	-16.51	-13.04	-11.20	-8.90	-2.90	-2.01	-3.29	-0.96	-2.28	-4.35	0.00	0.00	0.00	0.00	0.00	0.00	-10.88	-5.62	-6.32	-8.81				
ADK RESOURCE___RCVRY	23798	34.43	34.58	33.09	31.99	33.49	32.96	30.88	32.50	32.68	34.82	34.75	35.11	36.09	36.05	34.54	36.93	39.39	42.36	45.71	48.36	52.98	42.78	40.40	35.15				
		2.09	1.46	1.36	1.11	1.14	1.32	1.25	1.50	1.69	1.86	1.61	1.69	1.55	1.28	1.49	1.76	2.05	2.40	2.99	3.33	3.01	2.66	2.44	1.77				
		-2.87	-12.31	-11.99	-15.06	-16.52	-13.05	-11.24	-8.92	-2.90	-2.01	-3.29	-0.96	-2.28	-4.35	0.00	0.00	0.00	0.00	0.00	0.00	-10.89	-5.62	-6.32	-8.81				
ADK S GLENS___FALLS	24028	34.28	34.45	32.99	31.88	33.38	32.84	30.76	32.36	32.57	34.70	34.63	34.98	35.99	35.99	34.51	36.79	39.24	42.16	45.45	48.04	52.70	42.57	40.18	35.02				
		1.94	1.33	1.26	1.01	1.04	1.21	1.16	1.39	1.57	1.73	1.49	1.56	1.45	1.22	1.45	1.62	1.90	2.20	2.73	3.02	2.74	2.45	2.21	1.65				
		-2.87	-12.31	-11.99	-15.05	-16.51	-13.04	-11.20	-8.90	-2.90	-2.01	-3.29	-0.96	-2.28	-4.35	0.00	0.00	0.00	0.00	0.00	0.00	-10.88	-5.62	-6.32	-8.81				
ADK_NYS___DAM	23527	33.89	34.00	32.57	31.41	32.84	32.37	30.45	32.14	32.65	34.58	34.72	35.21	36.21	36.39	34.90	37.11	39.35	42.20	45.37	47.86	52.20	42.20	39.84	34.75				
		1.62	1.14	1.10	0.87	0.85	1.02	1.14	1.39	1.74	1.67	1.67	1.82	1.74	1.73	1.85	1.93	2.01	2.24	2.65	2.84	2.54	2.24	2.06	1.62				
		-2.81	-12.04	-11.73	-14.72	-16.15	-12.76	-10.92	-8.67	-2.82	-1.95	-3.19	-0.94	-2.21	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	-10.58	-5.46	-6.14	-8.56				
AIR_PRODUCTS___DRP	24190	33.17	33.44	32.02	30.96	32.39	31.86	29.78	31.31	31.59	33.62	33.76	34.17	35.21	35.38	33.91	36.09	38.19	40.92	43.66	46.06	50.56	40.89	38.64	33.81				
		0.91	0.65	0.61	0.49	0.49	0.58	0.48	0.57	0.67	0.71	0.72	0.78	0.74	0.73	0.86	0.91	0.86	0.96	0.94	1.04	0.90	0.93	0.85	0.69				
		-2.80	-11.98	-11.67	-14.65	-16.07	-12.70	-10.91	-8.66	-2.82	-1.95	-3.19	-0.94	-2.21	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	-10.57	-5.46	-6.14	-8.56				
AKWESSNE_115KV_BK	355683	29.23	20.56	19.46	15.65	15.67	18.36	18.17	21.70	27.67	30.49	29.43	31.97	31.77	29.91	32.59	34.75	37.04	39.52	42.29	44.49	38.58	34.05	31.10	24.10				
		-0.24	-0.25	-0.28	-0.17	-0.16	-0.22	-0.22	-0.38	-0.42	-0.46	-0.42	-0.49	-0.48	-0.52	-0.46	-0.42	-0.30	-0.44	-0.43	-0.54	-0.51	-0.45	-0.54	-0.47				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR	323833	33.49	33.55	32.14	31.00	32.41	31.94	29.92	31.48	31.86	33.90	33.99	34.45	35.48	35.61	34.24	36.51	38.72	41.52	44.38	46.83	51.18	41.38	39.14	34.08				
		1.27	0.89	0.87	0.70	0.70	0.80	0.74	0.84	0.98	1.02	0.98	1.07	1.03	1.00	1.19	1.34	1.38	1.56	1.66	1.80	1.64	1.48	1.43	1.06				
		-2.77	-11.85	-11.54	-14.48	-15.89	-12.55	-10.79	-8.56	-2.79	-1.93	-3.16	-0.92	-2.19	-4.18	0.00	0.00	0.00	0.00	0.00	0.00	-10.45	-5.40	-6.07	-8.46				
ALBANY_2_SOLAR	323834	33.49	33.55	32.14	31.00	32.42	31.94	29.92	31.48	31.83	33.90	33.99	34.45	35.48	35.61	34.24	36.51	38.68	41.52	44.38	46.83	51.18	41.38	39.10	34.08				
		1.27	0.89	0.87	0.70	0.70	0.80	0.74	0.84	0.96	1.02	0.98	1.07	1.03	1.00	1.19	1.34	1.34	1.56	1.66	1.80	1.64	1.48	1.39	1.06				
		-2.77	-11.85	-11.54	-14.48	-15.89	-12.55	-10.79	-8.57	-2.79	-1.93	-3.16	-0.92	-2.19	-4.18	0.00	0.00	0.00	0.00	0.00	0.00	-10.45	-5.40	-6.07	-8.46				
ALBANY___I	23571	33.17	33.44	32.02	30.96	32.39	31.86	29.78	31.31	31.59	33.62	33.76	34.17	35.21	35.38	33.91	36.09	38.19	40.92	43.66	46.06	50.56	40.89	38.64	33.81				
		0.91	0.65	0.61	0.49	0.49	0.58	0.48	0.57	0.67	0.71	0.72	0.78	0.74	0.73	0.86	0.91	0.86	0.96	0.94	1.04	0.90	0.93	0.85	0.69				
		-2.80	-11.98	-11.67	-14.65	-16.07	-12.70	-10.91	-8.66	-2.82	-1.95	-3.19	-0.94	-2.21	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	-10.57	-5.46	-6.14	-8.56				

ALBANY___2 23572	33.17 0.91 -2.80	33.44 0.65 -11.98	32.02 0.61 -11.67	30.96 0.49 -14.65	32.39 0.49 -16.07	31.86 0.58 -12.70	29.78 0.48 -10.91	31.31 0.57 -8.66	31.59 0.67 -2.82	33.62 0.71 -1.95	33.76 0.72 -3.19	34.17 0.78 -0.94	35.21 0.74 -2.21	35.38 0.73 -4.23	33.91 0.86 0.00	36.09 0.91 0.00	38.19 0.86 0.00	40.92 0.96 0.00	43.66 0.94 0.00	46.06 1.04 0.00	50.56 0.90 -10.57	40.89 0.93 -5.46	38.64 0.85 -6.14	33.81 0.69 -8.56
ALBANY___3 23573	33.17 0.91 -2.80	33.44 0.65 -11.98	32.02 0.61 -11.67	30.96 0.49 -14.65	32.39 0.49 -16.07	31.86 0.58 -12.70	29.78 0.48 -10.91	31.31 0.57 -8.66	31.59 0.67 -2.82	33.62 0.71 -1.95	33.76 0.72 -3.19	34.17 0.78 -0.94	35.21 0.74 -2.21	35.38 0.73 -4.23	33.91 0.86 0.00	36.09 0.91 0.00	38.19 0.86 0.00	40.92 0.96 0.00	43.66 0.94 0.00	46.06 1.04 0.00	50.56 0.90 -10.57	40.89 0.93 -5.46	38.64 0.85 -6.14	33.81 0.69 -8.56
ALBANY___4 23574	33.17 0.91 -2.80	33.44 0.65 -11.98	32.02 0.61 -11.67	30.96 0.49 -14.65	32.39 0.49 -16.07	31.86 0.58 -12.70	29.78 0.48 -10.91	31.31 0.57 -8.66	31.59 0.67 -2.82	33.62 0.71 -1.95	33.76 0.72 -3.19	34.17 0.78 -0.94	35.21 0.74 -2.21	35.38 0.73 -4.23	33.91 0.86 0.00	36.09 0.91 0.00	38.19 0.86 0.00	40.92 0.96 0.00	43.66 0.94 0.00	46.06 1.04 0.00	50.56 0.90 -10.57	40.89 0.93 -5.46	38.64 0.85 -6.14	33.81 0.69 -8.56
ALBANY___LFGE 323615	33.40 1.12 -2.82	33.66 0.77 -12.07	32.25 0.75 -11.76	31.19 0.60 -14.76	32.63 0.60 -16.20	32.07 0.69 -12.80	30.00 0.61 -11.00	31.56 0.75 -8.73	31.81 0.87 -2.84	33.88 0.96 -1.97	34.02 0.95 -3.22	34.44 1.04 -0.94	35.49 1.00 -2.23	35.66 0.97 -4.26	34.14 1.09 0.00	36.37 1.20 0.00	38.49 1.16 0.00	41.24 1.28 0.00	44.05 1.33 0.00	46.47 1.44 0.00	50.99 1.25 -10.66	41.24 1.24 -5.51	38.97 1.14 -6.19	34.08 0.88 -8.63
ALCOA_PA_115KV_PL-6C 55860	29.32 -0.15 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.68 -0.14 0.00	15.72 -0.11 0.00	18.42 -0.17 0.00	18.21 -0.18 0.00	21.75 -0.33 0.00	27.70 -0.39 0.00	30.52 -0.43 0.00	29.43 -0.42 0.00	32.01 -0.45 0.00	31.78 -0.48 0.00	29.91 -0.52 0.00	32.62 -0.43 0.00	34.79 -0.39 0.00	37.15 -0.19 0.00	39.64 -0.32 0.00	42.42 -0.30 0.00	44.66 -0.36 0.00	38.73 -0.35 0.00	34.19 -0.31 0.00	31.20 -0.44 0.00	24.20 -0.37 0.00
ALCOA_RYNLDS___DRP 24188	29.32 -0.15 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.42 -0.17 0.00	18.21 -0.18 0.00	21.75 -0.33 0.00	27.70 -0.39 0.00	30.52 -0.43 0.00	29.43 -0.42 0.00	32.01 -0.45 0.00	31.77 -0.48 0.00	29.91 -0.52 0.00	32.62 -0.43 0.00	34.79 -0.39 0.00	37.15 -0.19 0.00	39.64 -0.32 0.00	42.42 -0.30 0.00	44.67 -0.36 0.00	38.73 -0.35 0.00	34.19 -0.31 0.00	31.20 -0.44 0.00	24.20 -0.37 0.00
ALCOA___DSASP 323711	29.32 -0.15 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.42 -0.17 0.00	18.21 -0.18 0.00	21.75 -0.33 0.00	27.70 -0.39 0.00	30.52 -0.43 0.00	29.43 -0.42 0.00	32.01 -0.45 0.00	31.77 -0.48 0.00	29.91 -0.52 0.00	32.62 -0.43 0.00	34.79 -0.39 0.00	37.15 -0.19 0.00	39.64 -0.32 0.00	42.42 -0.30 0.00	44.67 -0.36 0.00	38.73 -0.35 0.00	34.19 -0.31 0.00	31.20 -0.44 0.00	24.20 -0.37 0.00
ALLEGHENY___COGEN 23514	56.62 -0.59 -27.75	33.70 -0.54 -13.42	37.12 -0.45 -17.84	25.74 -0.41 -10.33	26.60 -0.47 -11.25	36.23 -0.48 -18.13	23.19 -0.46 -5.26	41.65 -0.55 -20.13	48.86 -1.24 -22.01	51.03 -1.45 -21.53	50.78 -1.58 -22.52	54.10 -1.85 -23.49	54.25 -1.87 -23.86	52.58 -1.73 -23.89	54.95 -1.85 -23.74	56.72 -1.83 -23.38	65.15 -1.79 -29.61	71.82 -1.52 -33.38	75.15 -1.20 -33.63	79.47 -1.17 -35.61	74.26 -0.59 -35.76	60.15 -0.55 -26.20	53.82 -0.47 -22.66	39.11 -0.39 -14.94
ALTAMONT_115KV_TB 2 55880	33.26 1.00 -2.79	33.48 0.71 -11.96	32.05 0.67 -11.65	30.98 0.54 -14.62	32.41 0.54 -16.04	31.89 0.63 -12.67	29.90 0.63 -10.88	31.47 0.75 -8.64	31.80 0.90 -2.81	33.86 0.96 -1.95	33.99 0.96 -3.19	34.40 1.01 -0.93	35.47 1.00 -2.21	35.62 0.97 -4.22	34.15 1.09 0.00	36.33 1.16 0.00	38.53 1.19 0.00	41.28 1.32 0.00	44.13 1.41 0.00	46.51 1.49 0.00	50.96 1.33 -10.55	41.16 1.21 -5.45	38.91 1.14 -6.13	33.97 0.86 -8.54
ALTONA_WT_PWR 323606	29.29 -0.18 0.00	20.60 -0.21 0.00	19.50 -0.24 0.00	15.66 -0.16 0.00	15.67 -0.16 0.00	18.36 -0.22 0.00	18.15 -0.24 0.00	21.70 -0.38 0.00	27.67 -0.42 0.00	30.49 -0.46 0.00	29.40 -0.45 0.00	31.91 -0.55 0.00	31.68 -0.58 0.00	29.82 -0.61 0.00	32.49 -0.56 0.00	34.65 -0.53 0.00	36.92 -0.41 0.00	39.72 -0.24 0.00	42.51 -0.21 0.00	44.71 -0.31 0.00	38.73 -0.35 0.00	34.19 -0.31 0.00	31.14 -0.51 0.00	24.10 -0.47 0.00
AMERICAN_REF_FUEL 24010	17.04 -3.45 8.97	16.65 -2.31 1.85	14.33 -2.17 3.23	13.68 -1.74 0.40	13.66 -1.76 0.41	13.42 -2.01 3.16	16.52 -2.32 -0.45	15.24 -2.30 4.54	18.45 -3.48 6.16	16.16 -3.81 10.99	18.36 -3.61 7.88	20.00 -3.93 8.53	20.28 -3.90 8.07	20.39 -3.56 6.47	20.49 -3.93 8.63	19.81 -4.47 10.90	21.45 -4.78 11.10	24.12 -5.19 10.65	27.20 -5.64 9.88	28.40 -6.17 10.46	24.57 -5.16 9.35	23.58 -4.24 6.67	22.78 -3.35 5.51	19.46 -2.31 2.80
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.33 -2.86 10.28	16.44 -2.00 2.38	13.82 -1.86 4.06	13.57 -1.58 0.67	13.46 -1.66 0.70	12.68 -1.95 3.95	16.86 -1.93 -0.39	14.21 -2.32 5.55	17.16 -3.46 7.48	15.37 -3.68 11.90	17.24 -3.52 9.08	18.77 -3.83 9.86	19.06 -3.77 9.42	19.08 -3.47 7.87	19.24 -3.80 10.01	20.38 -4.33 10.47	21.88 -4.59 10.86	24.50 -4.88 10.58	27.85 -5.00 9.87	29.17 -5.40 10.45	25.53 -4.46 9.10	24.00 -3.90 6.60	23.03 -3.19 5.42	19.67 -2.24 2.66
ARTHUR KILL_GT_1 23520	34.48 2.56 -2.46	33.04 1.73 -10.50	31.58 1.62 -10.23	29.97 1.31 -12.83	31.21 1.30 -14.08	31.19 1.49 -11.12	29.53 1.58 -9.55	31.60 1.94 -7.58	33.03 2.47 -2.46	35.66 3.00 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	41.03 3.70 0.00	43.96 4.00 0.00	46.74 4.02 0.00	49.12 4.10 0.00	51.96 3.63 -9.24	42.45 3.17 -4.78	39.99 2.97 -5.37	34.16 2.11 -7.48
ARTHUR_KILL_2 23512	34.39 2.48 -2.46	32.99 1.68 -10.50	31.52 1.56 -10.23	29.92 1.27 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.48 1.55 -9.54	31.53 1.88 -7.58	32.94 2.39 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.30 3.02 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.55 3.38 0.00	40.92 3.58 0.00	43.84 3.88 0.00	46.61 3.89 0.00	48.99 3.96 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
ARTHUR_KILL_3 23513	34.06 2.15 -2.45	32.76 1.46 -10.49	31.31 1.36 -10.22	29.77 1.12 -12.83	31.03 1.12 -14.07	31.01 1.30 -11.12	29.39 1.45 -9.54	31.42 1.77 -7.58	32.83 2.27 -2.46	35.39 2.72 -1.71	35.24 2.60 -2.79	36.10 2.82 -0.82	37.06 2.87 -1.94	36.77 2.65 -3.70	35.93 2.87 0.00	38.30 3.13 0.00	40.62 3.29 0.00	43.48 3.52 0.00	46.22 3.50 0.00	48.58 3.56 0.00	51.49 3.16 -9.24	42.00 2.72 -4.78	39.55 2.53 -5.37	33.82 1.77 -7.48

ARTHUR_KILL_COGEN 323718	34.48 2.56 -2.46	33.04 1.73 -10.50	31.58 1.62 -10.23	29.97 1.31 -12.83	31.21 1.30 -14.08	31.19 1.49 -11.12	29.52 1.58 -9.54	31.60 1.94 -7.58	33.03 2.47 -2.46	35.66 3.00 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.20 3.14 0.00	38.62 3.45 0.00	41.03 3.70 0.00	43.96 4.00 0.00	46.73 4.01 0.00	49.12 4.10 0.00	51.96 3.64 -9.24	42.41 3.14 -4.78	39.99 2.97 -5.37	34.16 2.11 -7.48
ASHOKAN____ 23654	32.90 0.80 -2.64	32.63 0.50 -11.32	31.27 0.51 -11.02	30.04 0.38 -13.84	31.37 0.36 -15.18	31.01 0.43 -11.99	29.12 0.42 -10.30	30.70 0.44 -8.18	31.40 0.65 -2.66	33.45 0.65 -1.84	33.43 0.57 -3.01	33.96 0.62 -0.88	34.99 0.64 -2.09	34.99 0.58 -3.99	34.47 1.42 0.00	36.76 1.58 0.00	39.05 1.72 0.00	41.96 2.00 0.00	45.07 2.35 0.00	47.55 2.52 0.00	50.70 1.64 -9.98	40.86 1.21 -5.15	38.64 1.20 -5.80	33.36 0.71 -8.08
ASTORIA_EAST_ENERGY_CC1 323581	34.10 2.18 -2.46	32.85 1.54 -10.50	31.42 1.46 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.03 1.32 -11.12	29.36 1.44 -9.53	31.46 1.81 -7.57	32.85 2.30 -2.46	35.41 2.75 -1.70	35.23 2.60 -2.78	36.09 2.82 -0.81	37.03 2.84 -1.93	36.73 2.62 -3.69	35.89 2.84 0.01	38.29 3.13 0.01	40.65 3.32 0.01	43.51 3.56 0.01	46.26 3.54 0.01	48.62 3.60 0.01	51.53 3.21 -9.24	41.96 2.69 -4.77	39.50 2.50 -5.36	33.76 1.72 -7.47
ASTORIA_EAST_ENERGY_CC2 323582	34.10 2.18 -2.46	32.85 1.54 -10.50	31.42 1.46 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.03 1.32 -11.12	29.36 1.44 -9.53	31.46 1.81 -7.57	32.85 2.30 -2.46	35.41 2.75 -1.70	35.23 2.60 -2.78	36.09 2.82 -0.81	37.03 2.84 -1.93	36.73 2.62 -3.69	35.89 2.84 0.01	38.29 3.13 0.01	40.65 3.32 0.01	43.51 3.56 0.01	46.26 3.54 0.01	48.62 3.60 0.01	51.53 3.21 -9.24	41.96 2.69 -4.77	39.50 2.50 -5.36	33.76 1.72 -7.47
ASTORIA_GT2_1 24094	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT2_2 24095	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT2_3 24096	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT2_4 24097	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT3_1 24098	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT3_2 24099	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT3_3 24100	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT3_4 24101	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT4_1 24102	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT4_2 24103	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT4_3 24104	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48

ASTORIA_GT4_4 24105	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.38 1.43 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.10 2.82 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.79 1.74 -7.48
ASTORIA_GT_1 23523	34.16 2.24 -2.46	32.87 1.56 -10.50	31.46 1.50 -10.23	29.88 1.22 -12.83	31.13 1.22 -14.08	31.06 1.36 -11.12	29.40 1.45 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.03 2.76 -4.78	39.58 2.56 -5.37	33.82 1.77 -7.48
ASTORIA_GT_10 24110	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.12 1.41 -11.12	29.45 1.51 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.99 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.51 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.21 2.93 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
ASTORIA_GT_11 24225	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.12 1.41 -11.12	29.45 1.51 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.99 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.51 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.21 2.93 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
ASTORIA_GT_12 24226	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.12 1.41 -11.12	29.45 1.51 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.99 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.51 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.21 2.93 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
ASTORIA_GT_13 24227	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.12 1.41 -11.12	29.45 1.51 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.99 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.51 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.21 2.93 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
ASTORIA_GT_5 24106	34.16 2.24 -2.46	32.87 1.56 -10.50	31.46 1.50 -10.23	29.88 1.22 -12.83	31.13 1.22 -14.08	31.06 1.36 -11.12	29.40 1.45 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.03 2.76 -4.78	39.58 2.56 -5.37	33.82 1.77 -7.48
ASTORIA_GT_7 24107	34.16 2.24 -2.46	32.87 1.56 -10.50	31.46 1.50 -10.23	29.88 1.22 -12.83	31.13 1.22 -14.08	31.06 1.36 -11.12	29.40 1.45 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.03 2.76 -4.78	39.58 2.56 -5.37	33.82 1.77 -7.48
ASTORIA_GT_8 24108	34.16 2.24 -2.46	32.87 1.56 -10.50	31.46 1.50 -10.23	29.88 1.22 -12.83	31.13 1.22 -14.08	31.06 1.36 -11.12	29.40 1.45 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.03 2.76 -4.78	39.58 2.56 -5.37	33.82 1.77 -7.48
ASTORIA___2 24149	34.13 2.21 -2.46	32.85 1.54 -10.50	31.44 1.48 -10.23	29.84 1.19 -12.83	31.11 1.20 -14.08	31.04 1.34 -11.12	29.36 1.44 -9.53	31.46 1.81 -7.57	32.88 2.33 -2.46	35.44 2.79 -1.70	35.26 2.63 -2.78	36.09 2.82 -0.81	37.06 2.87 -1.93	36.76 2.65 -3.69	35.92 2.87 0.01	38.33 3.17 0.01	40.69 3.36 0.01	43.51 3.56 0.01	46.26 3.54 0.01	48.62 3.60 0.01	51.53 3.21 -9.24	41.99 2.72 -4.77	39.54 2.53 -5.36	33.76 1.72 -7.47
ASTORIA___3 23516	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.24 -14.08	31.12 1.41 -11.12	29.46 1.53 -9.54	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.98 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.52 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
ASTORIA___4 23517	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.12 1.41 -11.12	29.45 1.51 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.99 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.51 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.21 2.93 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
ASTORIA___5 23518	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.24 -14.08	31.12 1.41 -11.12	29.46 1.53 -9.54	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.98 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.52 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
AST_ENERGY_2_CC3 323677	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.54	31.44 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	35.96 2.91 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.53 3.21 -9.24	42.03 2.76 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
AST_ENERGY_2_CC4 323678	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.54	31.44 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	35.96 2.91 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.53 3.21 -9.24	42.03 2.76 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48

ATHENS_STG_1 23668	33.39 1.36 -2.58	32.80 0.96 -11.03	31.39 0.91 -10.74	30.04 0.73 -13.49	31.36 0.73 -14.80	31.13 0.86 -11.69	29.30 0.86 -10.04	31.11 1.06 -7.97	32.03 1.35 -2.59	34.30 1.55 -1.80	34.28 1.49 -2.94	34.94 1.62 -0.86	35.94 1.64 -2.04	35.83 1.52 -3.89	34.71 1.65 0.00	37.00 1.83 0.00	39.20 1.87 0.00	42.00 2.04 0.00	44.81 2.09 0.00	47.19 2.16 0.00	50.76 1.95 -9.72	41.21 1.69 -5.02	38.87 1.58 -5.65	33.59 1.15 -7.87
ATHENS_STG_2 23670	33.39 1.36 -2.58	32.80 0.96 -11.03	31.39 0.91 -10.74	30.04 0.73 -13.49	31.36 0.73 -14.80	31.13 0.86 -11.69	29.30 0.86 -10.04	31.11 1.06 -7.97	32.03 1.35 -2.59	34.30 1.55 -1.80	34.28 1.49 -2.94	34.94 1.62 -0.86	35.94 1.64 -2.04	35.83 1.52 -3.89	34.71 1.65 0.00	37.00 1.83 0.00	39.20 1.87 0.00	42.00 2.04 0.00	44.81 2.09 0.00	47.19 2.16 0.00	50.76 1.95 -9.72	41.21 1.69 -5.02	38.87 1.58 -5.65	33.59 1.15 -7.87
ATHENS_STG_3 23677	33.39 1.36 -2.58	32.80 0.96 -11.03	31.39 0.91 -10.74	30.04 0.73 -13.49	31.36 0.73 -14.80	31.13 0.86 -11.69	29.30 0.86 -10.04	31.11 1.06 -7.97	32.03 1.35 -2.59	34.30 1.55 -1.80	34.28 1.49 -2.94	34.94 1.62 -0.86	35.94 1.64 -2.04	35.83 1.52 -3.89	34.71 1.65 0.00	37.00 1.83 0.00	39.20 1.87 0.00	42.00 2.04 0.00	44.81 2.09 0.00	47.19 2.16 0.00	50.76 1.95 -9.72	41.21 1.69 -5.02	38.87 1.58 -5.65	33.59 1.15 -7.87
AUBURN___LFGE 323710	33.82 -0.12 -4.48	22.64 -0.08 -1.92	21.74 -0.06 -2.06	17.85 -0.06 -2.10	18.04 -0.08 -2.30	20.72 -0.06 -2.19	19.80 -0.06 -1.46	23.86 -0.02 -1.81	29.14 -0.17 -1.21	31.89 -0.19 -1.12	30.93 -0.21 -1.29	33.30 -0.23 -1.07	33.29 -0.19 -1.23	31.72 -0.15 -1.45	33.79 -0.23 -0.97	34.93 -0.25 0.00	37.15 -0.19 0.00	39.84 -0.12 0.00	42.59 -0.13 0.00	44.89 -0.14 0.00	41.07 0.12 -1.87	35.23 0.07 -0.66	32.48 0.09 -0.74	25.70 0.10 -1.03
BABYLON_RES_REC 323704	34.89 2.97 -2.46	33.24 1.94 -10.49	31.69 1.74 -10.22	29.98 1.33 -12.83	31.33 1.43 -14.07	31.27 1.56 -11.12	29.72 1.78 -9.54	31.79 2.14 -7.58	33.37 2.81 -2.46	36.13 3.47 -1.71	43.63 3.25 -10.53	43.86 3.51 -7.90	44.02 3.52 -8.24	46.14 3.29 -12.43	48.50 3.57 -11.87	48.49 3.87 -9.45	49.46 4.11 -8.02	49.48 4.40 -5.12	49.78 4.53 -2.54	49.81 4.64 -0.15	52.24 3.91 -9.24	48.58 3.55 -10.53	40.47 3.45 -5.38	34.41 2.36 -7.48
BALL_HILL_WT_PWR 323825	15.89 -2.56 11.01	16.36 -1.75 2.71	13.61 -1.62 4.50	13.57 -1.33 0.92	13.47 -1.38 0.98	12.60 -1.58 4.40	17.04 -1.62 -0.27	14.17 -1.85 6.05	17.17 -2.89 8.03	15.32 -3.10 12.54	17.25 -2.92 9.68	18.80 -3.18 10.48	19.08 -3.13 10.05	19.06 -2.89 8.47	19.24 -3.17 10.64	19.18 -3.59 12.40	20.29 -3.84 13.20	22.75 -4.08 13.14	26.05 -4.27 12.40	27.26 -4.64 13.13	23.50 -3.79 11.80	22.68 -3.28 8.54	21.96 -2.59 7.08	19.08 -1.77 3.72
BARON_WINDS___WT_PWR 323822	-6.00 -1.21 34.25	4.64 -0.92 15.26	-3.22 -0.87 22.09	5.64 -0.76 9.42	4.82 -0.81 10.20	-4.42 -0.91 22.10	14.08 -0.99 3.32	-6.00 -1.21 26.86	-6.00 -1.88 32.21	-6.00 -2.07 34.88	-6.00 -2.00 33.85	-6.00 -2.21 36.25	-6.00 -2.19 36.06	-6.00 -1.95 34.48	-6.00 -2.12 36.94	-6.00 -2.25 38.92	-6.00 -2.35 40.98	-6.00 -2.36 43.61	-6.00 -2.39 46.33	-6.00 -2.52 48.51	-15.21 -1.84 52.46	-6.00 -1.62 38.88	-6.00 -1.52 36.12	1.62 -1.18 21.77
BARRETT_IC_1 23704	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_10 23701	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_11 23702	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_12 23703	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_2 23705	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_3 23706	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_4 23707	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_5 23708	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48

BARRETT_IC_6 23709	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_7 23710	34.62 2.71 -2.45	33.07 1.77 -10.49	31.55 1.60 -10.22	29.88 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.60 1.66 -9.55	31.65 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.64 3.28 -7.90	43.79 3.29 -8.24	45.93 3.07 -12.43	48.30 3.37 -11.87	48.24 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.18 3.16 -5.37	34.21 2.16 -7.48
BARRETT_IC_8 23711	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT_IC_9 23700	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT___1 23545	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BARRETT___2 23546	34.63 2.71 -2.46	33.07 1.77 -10.49	31.55 1.60 -10.22	29.89 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.59 1.66 -9.54	31.64 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.39 3.01 -10.53	43.63 3.28 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.26 3.34 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.27 3.24 -10.53	40.19 3.16 -5.38	34.21 2.16 -7.48
BATAVIA___115KV_TB1 55881	20.16 -2.33 6.98	18.27 -1.62 0.92	16.35 -1.48 1.90	14.80 -1.20 -0.18	14.81 -1.23 -0.22	15.40 -1.38 1.81	17.56 -1.49 -0.66	17.69 -1.48 2.90	21.47 -2.39 4.23	7.41 -2.60 20.94	17.38 -2.54 9.94	19.43 -2.76 10.27	20.51 -2.74 9.01	23.49 -2.53 4.41	20.29 -2.81 9.96	13.16 -3.02 18.98	19.54 -3.21 14.58	26.68 -3.40 9.89	32.12 -3.63 6.97	33.64 -4.01 7.38	29.41 -3.24 6.43	27.23 -2.73 4.54	25.79 -2.15 3.70	21.41 -1.45 1.71
BAYONEEC___CTG1 323682	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG10 323750	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG2 323683	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG3 323684	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG4 323685	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG5 323686	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG6 323687	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG7 323688	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48

BAYONEEC___CTG8 323689	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYONEEC___CTG9 323749	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BAYPORT_69_KV_BK 2 356364	35.30 3.39 -2.45	33.49 2.19 -10.49	31.93 1.97 -10.22	30.14 1.49 -12.83	31.50 1.60 -14.07	31.47 1.77 -11.12	29.95 2.00 -9.55	32.04 2.38 -7.58	33.68 3.12 -2.46	36.50 3.84 -1.71	43.93 3.55 -10.53	44.19 3.83 -7.90	44.31 3.81 -8.24	46.38 3.53 -12.43	48.80 3.87 -11.87	48.84 4.22 -9.45	49.83 4.48 -8.02	50.00 4.92 -5.12	50.34 5.08 -2.54	50.39 5.22 -0.15	52.59 4.26 -9.24	48.92 3.90 -10.53	40.81 3.80 -5.37	34.63 2.58 -7.48
BEACON___LESR 323632	33.50 1.24 -2.80	33.66 0.87 -11.98	32.23 0.83 -11.66	31.13 0.66 -14.64	32.56 0.66 -16.07	32.06 0.78 -12.69	30.00 0.70 -10.91	31.60 0.86 -8.66	31.92 1.01 -2.82	34.02 1.11 -1.95	34.15 1.11 -3.19	34.56 1.17 -0.93	35.63 1.16 -2.21	35.74 1.09 -4.23	34.31 1.26 0.00	36.54 1.37 0.00	38.68 1.34 0.00	41.48 1.52 0.00	44.26 1.54 0.00	46.74 1.71 0.00	51.14 1.48 -10.57	41.37 1.42 -5.46	39.11 1.33 -6.14	34.15 1.03 -8.55
BEAVER RIVER___HYD 24048	29.69 0.12 -0.11	21.17 -0.12 -0.49	20.11 -0.10 -0.47	16.34 -0.08 -0.60	16.40 -0.08 -0.65	18.97 -0.13 -0.52	18.64 -0.20 -0.44	22.21 -0.22 -0.35	27.73 -0.48 -0.11	30.57 -0.46 -0.08	29.41 -0.57 -0.13	32.01 -0.49 -0.04	31.73 -0.61 -0.09	29.93 -0.67 -0.17	32.46 -0.59 0.00	34.54 -0.63 0.00	36.78 -0.56 0.00	39.32 -0.64 0.00	42.93 0.21 0.00	45.34 0.32 0.00	40.02 0.51 -0.43	35.10 0.38 -0.22	32.14 0.25 -0.25	25.16 0.25 -0.35
BEEBEE_GT_13 23619	25.83 -1.59 2.04	21.00 -1.14 -1.33	19.99 -1.05 -1.30	16.61 -0.84 -1.62	16.74 -0.87 -1.78	19.03 -0.97 -1.41	18.70 -0.90 -1.21	22.04 -0.99 -0.96	26.89 -1.52 -0.32	30.86 -1.61 -1.51	29.06 -1.58 -0.80	31.30 -1.69 -0.53	31.19 -1.65 -0.58	29.41 -1.49 -0.47	31.75 -1.69 -0.38	34.49 -1.79 -1.11	36.06 -1.94 -0.66	38.16 -2.04 -0.24	40.50 -2.22 0.00	42.55 -2.48 0.00	37.72 -1.95 -0.59	33.42 -1.69 -0.61	30.90 -1.42 -0.68	24.51 -1.01 -0.95
BENSHRST_27_KV_BENSHRST_1 355998	34.48 2.56 -2.46	33.06 1.75 -10.50	31.60 1.64 -10.23	29.99 1.33 -12.83	31.22 1.31 -14.08	31.21 1.51 -11.12	29.54 1.60 -9.55	31.65 1.99 -7.58	33.11 2.56 -2.46	35.76 3.10 -1.71	35.60 2.96 -2.79	36.46 3.18 -0.82	37.42 3.23 -1.94	37.10 2.98 -3.70	36.33 3.27 0.00	38.72 3.55 0.00	41.10 3.77 0.00	44.04 4.08 0.00	46.82 4.10 0.00	49.21 4.19 0.00	52.04 3.71 -9.24	42.48 3.21 -4.78	39.99 2.97 -5.37	34.19 2.14 -7.48
BETHLEHEM___GRP 23843	33.17 0.91 -2.80	33.44 0.65 -11.98	32.02 0.61 -11.67	30.96 0.49 -14.65	32.39 0.49 -16.07	31.86 0.58 -12.70	29.78 0.48 -10.91	31.31 0.57 -8.66	31.59 0.67 -2.82	33.62 0.71 -1.95	33.76 0.72 -3.19	34.17 0.78 -0.94	35.21 0.74 -2.21	35.38 0.73 -4.23	33.91 0.86 0.00	36.09 0.91 0.00	38.19 0.86 0.00	40.92 0.96 0.00	43.66 0.94 0.00	46.06 1.04 0.00	50.56 0.90 -10.57	40.89 0.93 -5.46	38.64 0.85 -6.14	33.81 0.69 -8.56
BETHLEHEM___GS1 323560	33.17 0.91 -2.80	33.44 0.65 -11.98	32.02 0.61 -11.67	30.96 0.49 -14.65	32.39 0.49 -16.07	31.86 0.58 -12.70	29.78 0.48 -10.91	31.31 0.57 -8.66	31.58 0.67 -2.82	33.62 0.71 -1.95	33.76 0.72 -3.19	34.17 0.78 -0.94	35.21 0.74 -2.21	35.38 0.73 -4.23	33.88 0.83 0.00	36.09 0.91 0.00	38.19 0.86 0.00	40.92 0.96 0.00	43.66 0.94 0.00	46.06 1.04 0.00	50.56 0.90 -10.57	40.89 0.93 -5.46	38.64 0.85 -6.14	33.81 0.69 -8.56
BETHLEHEM___GS2 323561	33.17 0.91 -2.80	33.44 0.65 -11.98	32.02 0.61 -11.67	30.96 0.49 -14.65	32.39 0.49 -16.07	31.86 0.58 -12.70	29.78 0.48 -10.91	31.31 0.57 -8.66	31.58 0.67 -2.82	33.62 0.71 -1.95	33.76 0.72 -3.19	34.17 0.78 -0.94	35.21 0.74 -2.21	35.38 0.73 -4.23	33.88 0.83 0.00	36.09 0.91 0.00	38.19 0.86 0.00	40.92 0.96 0.00	43.66 0.94 0.00	46.06 1.04 0.00	50.56 0.90 -10.57	40.89 0.93 -5.46	38.64 0.85 -6.14	33.81 0.69 -8.56
BETHLEHEM___GS3 323562	33.17 0.91 -2.80	33.44 0.65 -11.98	32.02 0.61 -11.67	30.96 0.49 -14.65	32.39 0.49 -16.07	31.86 0.58 -12.70	29.78 0.48 -10.91	31.31 0.57 -8.66	31.58 0.67 -2.82	33.62 0.71 -1.95	33.76 0.72 -3.19	34.17 0.78 -0.94	35.21 0.74 -2.21	35.38 0.73 -4.23	33.88 0.83 0.00	36.09 0.91 0.00	38.19 0.86 0.00	40.92 0.96 0.00	43.66 0.94 0.00	46.06 1.04 0.00	50.56 0.90 -10.57	40.89 0.93 -5.46	38.64 0.85 -6.14	33.81 0.69 -8.56
BETHLEHEM___STEEL 23779	15.98 -2.68 10.81	16.38 -1.81 2.63	13.68 -1.68 4.37	13.57 -1.38 0.88	13.49 -1.41 0.93	12.69 -1.62 4.28	17.07 -1.60 -0.28	14.35 -1.83 5.89	17.40 -2.87 7.83	15.46 -3.06 12.43	17.45 -2.90 9.50	19.03 -3.15 10.28	19.32 -3.10 9.84	19.31 -2.86 8.25	19.42 -3.21 10.43	19.29 -3.59 12.29	20.49 -3.85 13.00	23.01 -4.08 12.87	26.28 -4.31 12.12	27.46 -4.73 12.84	23.67 -3.87 11.55	22.85 -3.31 8.34	22.10 -2.63 6.92	19.17 -1.77 3.63
BETHLHEM_115KV_TB1 79974	33.17 0.91 -2.79	33.45 0.67 -11.97	32.03 0.63 -11.66	30.96 0.51 -14.64	32.39 0.51 -16.06	31.87 0.59 -12.69	29.79 0.50 -10.90	31.35 0.62 -8.65	31.64 0.73 -2.82	33.68 0.77 -1.95	33.82 0.78 -3.19	34.24 0.84 -0.93	35.28 0.81 -2.21	35.44 0.79 -4.22	33.98 0.93 0.00	36.16 0.98 0.00	38.27 0.93 0.00	41.00 1.04 0.00	43.75 1.03 0.00	46.15 1.13 0.00	50.66 1.02 -10.56	40.96 1.00 -5.46	38.70 0.92 -6.14	33.85 0.74 -8.55
BETHPAGE_CC_5 323564	34.84 2.92 -2.46	33.22 1.91 -10.49	31.67 1.72 -10.22	29.96 1.31 -12.83	31.31 1.41 -14.07	31.27 1.56 -11.12	29.70 1.77 -9.54	31.77 2.12 -7.58	33.37 2.81 -2.46	36.10 3.44 -1.71	43.63 3.25 -10.53	43.90 3.54 -7.90	44.05 3.55 -8.24	46.17 3.32 -12.43	48.50 3.57 -11.87	48.53 3.90 -9.45	49.46 4.11 -8.02	49.48 4.40 -5.12	49.74 4.48 -2.54	49.77 4.59 -0.15	52.24 3.91 -9.24	48.58 3.55 -10.53	40.41 3.39 -5.38	34.39 2.34 -7.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.38 -2.50 10.58	16.58 -1.71 2.52	13.92 -1.58 4.24	13.73 -1.30 0.80	13.66 -1.33 0.84	12.92 -1.52 4.14	17.20 -1.51 -0.32	14.62 -1.72 5.74	17.73 -2.70 7.66	15.85 -2.88 12.23	17.78 -2.75 9.32	19.38 -2.99 10.09	19.67 -2.94 9.66	19.64 -2.71 8.07	19.77 -3.04 10.24	19.91 -3.41 11.85	21.20 -3.66 12.47	23.78 -3.88 12.31	27.05 -4.10 11.57	28.28 -4.50 12.25	24.47 -3.67 10.94	23.45 -3.14 7.91	22.63 -2.47 6.55	19.53 -1.65 3.39

BINGHAMTON___COGEN 23790	32.51 0.21 -2.85	25.19 0.17 -4.21	24.19 0.18 -4.28	20.87 0.13 -4.92	21.33 0.11 -5.39	23.36 0.17 -4.61	22.09 0.13 -3.57	25.71 0.20 -3.44	29.88 0.08 -1.70	31.94 0.15 -0.83	31.67 0.18 -1.64	33.64 0.19 -0.99	33.92 0.23 -1.44	32.85 0.21 -2.21	33.98 0.20 -0.73	34.86 0.21 0.52	37.24 0.22 0.31	40.13 0.28 0.11	43.02 0.30 0.00	45.35 0.32 0.00	43.13 0.43 -3.61	36.63 0.41 -1.72	33.98 0.41 -1.93	27.63 0.37 -2.69
BIXINCNT_115KV_LOAD 355685	17.47 -2.33 9.66	17.09 -1.62 2.10	14.51 -1.54 3.68	14.07 -1.30 0.46	13.98 -1.38 0.47	13.42 -1.60 3.57	17.29 -1.60 -0.50	15.10 -1.85 5.12	18.22 -2.87 7.00	16.54 -3.03 11.38	18.35 -2.93 8.58	19.88 -3.25 9.33	20.08 -3.29 8.89	19.93 -3.13 7.36	20.04 -3.54 9.48	21.74 -4.01 9.42	23.44 -4.29 9.60	26.41 -4.36 9.20	29.60 -4.61 8.50	30.98 -5.04 9.00	27.27 -4.18 7.63	25.25 -3.69 5.55	24.09 -3.04 4.52	20.45 -2.04 2.08
BLACK RIVER___HYD 24047	29.91 0.29 -0.15	21.47 0.02 -0.64	20.42 0.06 -0.62	16.65 0.05 -0.78	16.72 0.03 -0.86	19.28 0.02 -0.68	18.90 -0.07 -0.58	22.51 -0.02 -0.46	27.96 -0.28 -0.15	30.84 -0.22 -0.10	29.66 -0.36 -0.17	32.32 -0.19 -0.05	32.18 -0.19 -0.12	30.34 -0.30 -0.22	32.89 -0.16 0.00	35.00 -0.17 0.00	37.22 -0.11 0.00	39.84 -0.12 0.00	43.32 0.60 0.00	45.79 0.76 0.00	40.66 1.01 -0.56	35.62 0.83 -0.29	32.57 0.60 -0.33	25.59 0.57 -0.45
BLACKRVR_115KV_TB2 79977	29.91 0.29 -0.15	21.47 0.02 -0.64	20.42 0.06 -0.62	16.65 0.05 -0.78	16.72 0.03 -0.86	19.28 0.02 -0.68	18.90 -0.07 -0.58	22.51 -0.02 -0.46	27.96 -0.28 -0.15	30.84 -0.22 -0.10	29.66 -0.36 -0.17	32.31 -0.19 -0.05	32.18 -0.19 -0.12	30.34 -0.30 -0.22	32.89 -0.17 0.00	35.00 -0.18 0.00	37.22 -0.11 0.00	39.84 -0.12 0.00	43.32 0.60 0.00	45.79 0.77 0.00	40.66 1.02 -0.56	35.62 0.83 -0.29	32.57 0.60 -0.33	25.59 0.57 -0.45
BLISS_WT_PWR 323608	17.35 -2.45 9.66	17.01 -1.71 2.10	14.39 -1.66 3.68	13.97 -1.39 0.46	13.85 -1.50 0.47	13.29 -1.73 3.57	17.16 -1.73 -0.50	14.94 -2.01 5.12	18.00 -3.09 7.00	16.33 -3.25 11.38	18.11 -3.16 8.58	19.62 -3.51 9.33	19.76 -3.61 8.89	19.66 -3.41 7.36	19.74 -3.83 9.48	21.35 -4.40 9.43	23.07 -4.67 9.60	26.04 -4.72 9.20	29.22 -5.00 8.50	30.57 -5.45 9.00	26.88 -4.57 7.63	24.91 -4.04 5.55	23.74 -3.39 4.52	20.18 -2.31 2.08
BLUESTONE___WT_PWR 323821	32.88 1.39 -2.03	27.07 0.94 -5.32	25.85 0.93 -5.18	23.06 0.73 -6.51	23.68 0.71 -7.14	25.08 0.86 -5.64	23.68 0.44 -4.84	26.49 0.57 -3.85	29.88 0.53 -1.25	32.56 0.74 -0.87	31.92 0.66 -1.42	33.75 0.88 -0.42	34.18 0.94 -0.98	33.18 0.88 -1.88	34.05 0.99 0.00	36.23 1.05 0.00	38.34 1.01 0.00	41.04 1.08 0.00	43.88 1.15 0.00	46.20 1.17 0.00	45.28 1.29 -4.91	37.96 1.03 -2.42	35.29 0.92 -2.73	29.10 0.74 -3.80
BLUE_CIRC_CHEM_DRP 24182	33.35 1.12 -2.77	33.48 0.81 -11.86	32.06 0.77 -11.55	30.94 0.62 -14.50	32.35 0.62 -15.91	31.88 0.72 -12.57	29.85 0.66 -10.80	31.42 0.77 -8.57	31.78 0.90 -2.79	33.88 0.99 -1.93	33.97 0.96 -3.16	34.42 1.04 -0.93	35.45 1.00 -2.19	35.58 0.97 -4.18	34.21 1.16 0.00	36.40 1.23 0.00	38.60 1.27 0.00	41.36 1.40 0.00	44.22 1.50 0.00	46.65 1.62 0.00	50.99 1.45 -10.46	41.21 1.31 -5.40	38.95 1.23 -6.08	33.99 0.96 -8.47
BOC_GAS_DRP 24189	33.19 0.94 -2.78	33.39 0.67 -11.91	31.97 0.63 -11.60	30.90 0.51 -14.57	32.32 0.51 -15.98	31.81 0.59 -12.63	29.81 0.57 -10.85	31.39 0.71 -8.61	31.77 0.87 -2.80	33.82 0.93 -1.94	33.95 0.93 -3.17	34.40 1.01 -0.93	35.46 1.00 -2.20	35.57 0.94 -4.20	34.15 1.09 0.00	36.30 1.13 0.00	38.49 1.16 0.00	41.20 1.24 0.00	44.04 1.32 0.00	46.42 1.40 0.00	50.85 1.25 -10.51	41.07 1.14 -5.43	38.79 1.04 -6.11	33.89 0.81 -8.51
BOONVILLE_115KV_TB1 79983	30.07 0.50 -0.11	21.52 0.23 -0.48	20.42 0.22 -0.46	16.60 0.19 -0.58	16.64 0.17 -0.64	19.28 0.19 -0.51	18.96 0.13 -0.43	22.62 0.20 -0.34	28.32 0.11 -0.11	31.25 0.22 -0.08	30.10 0.12 -0.13	32.76 0.26 -0.04	32.54 0.19 -0.09	30.74 0.15 -0.17	33.29 0.23 0.00	35.42 0.25 0.00	37.60 0.26 0.00	40.16 0.20 0.00	43.57 0.85 0.00	45.97 0.95 0.00	40.56 1.06 -0.42	35.54 0.83 -0.22	32.58 0.70 -0.24	25.50 0.59 -0.34
BORALEX_4TH_BRANCH 23824	33.89 1.62 -2.81	34.00 1.14 -12.04	32.57 1.11 -11.73	31.42 0.87 -14.72	32.84 0.85 -16.15	32.37 1.02 -12.76	30.49 1.14 -10.96	32.17 1.39 -8.70	32.65 1.74 -2.82	34.58 1.67 -1.95	34.72 1.67 -3.19	35.21 1.82 -0.94	36.22 1.74 -2.21	36.39 1.73 -4.23	34.97 1.92 0.00	37.11 1.93 0.00	39.35 2.02 0.00	42.20 2.24 0.00	45.37 2.65 0.00	47.86 2.84 0.00	52.20 2.54 -10.58	42.20 2.24 -5.46	39.84 2.06 -6.14	34.75 1.62 -8.56
BOWLINE___1 23526	33.88 2.00 -2.41	32.51 1.37 -10.32	31.09 1.30 -10.05	29.49 1.04 -12.62	30.72 1.04 -13.85	30.75 1.23 -10.94	29.11 1.33 -9.39	31.14 1.61 -7.46	32.60 2.08 -2.42	35.11 2.48 -1.68	34.99 2.39 -2.75	35.86 2.60 -0.80	36.78 2.61 -1.90	36.50 2.43 -3.64	35.70 2.65 0.00	38.06 2.88 0.00	40.36 3.02 0.00	43.20 3.24 0.00	45.93 3.21 0.00	48.31 3.29 0.00	51.11 2.93 -9.10	41.75 2.55 -4.70	39.30 2.37 -5.28	33.60 1.67 -7.36
BOWLINE___2 23595	33.88 2.00 -2.41	32.51 1.37 -10.32	31.09 1.30 -10.05	29.49 1.04 -12.62	30.72 1.04 -13.85	30.75 1.23 -10.94	29.11 1.33 -9.39	31.14 1.61 -7.46	32.60 2.08 -2.42	35.11 2.48 -1.68	34.99 2.39 -2.75	35.86 2.60 -0.80	36.78 2.61 -1.90	36.50 2.43 -3.64	35.70 2.65 0.00	38.06 2.88 0.00	40.36 3.02 0.00	43.20 3.24 0.00	45.93 3.21 0.00	48.31 3.29 0.00	51.11 2.93 -9.10	41.75 2.55 -4.70	39.30 2.37 -5.28	33.60 1.67 -7.36
BRADY___115KV_TB2 356060	29.43 -0.03 0.00	20.67 -0.15 0.00	19.56 -0.18 0.00	15.73 -0.09 0.00	15.75 -0.08 0.00	18.46 -0.13 0.00	18.25 -0.15 0.00	21.75 -0.33 0.00	27.64 -0.45 0.00	30.40 -0.56 0.00	29.28 -0.57 0.00	31.78 -0.68 0.00	31.55 -0.71 0.00	29.69 -0.73 0.00	32.46 -0.59 0.00	34.68 -0.49 0.00	37.11 -0.22 0.00	39.64 -0.32 0.00	42.59 -0.13 0.00	44.89 -0.14 0.00	38.97 -0.12 0.00	34.40 -0.10 0.00	31.33 -0.32 0.00	24.32 -0.25 0.00
BRANSCOMB___SOLAR 323811	33.94 1.62 -2.86	34.19 1.12 -12.26	32.74 1.07 -11.94	31.68 0.87 -14.99	33.14 0.87 -16.44	32.60 1.02 -12.99	30.56 0.97 -11.19	32.13 1.17 -8.89	32.30 1.32 -2.89	34.35 1.39 -2.00	34.41 1.28 -3.27	34.78 1.36 -0.96	35.82 1.29 -2.27	35.92 1.16 -4.34	34.38 1.32 0.00	36.68 1.51 0.00	39.02 1.68 0.00	41.88 1.92 0.00	44.98 2.26 0.00	47.50 2.47 0.00	52.19 2.27 -10.84	42.10 2.00 -5.60	39.78 1.83 -6.30	34.72 1.37 -8.77
BRDGHMPT_69_KV_BK1 55812	35.42 3.51 -2.45	33.61 2.31 -10.49	32.05 2.09 -10.22	30.22 1.57 -12.83	31.60 1.69 -14.07	31.53 1.82 -11.12	29.99 2.04 -9.55	32.06 2.41 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.78 3.40 -10.53	43.99 3.64 -7.90	44.02 3.52 -8.24	46.14 3.29 -12.43	48.56 3.64 -11.87	48.67 4.04 -9.45	49.68 4.33 -8.02	49.76 4.68 -5.12	50.04 4.78 -2.54	49.99 4.82 -0.15	52.04 3.71 -9.24	48.37 3.35 -10.53	40.30 3.29 -5.37	34.21 2.16 -7.48

BRENTWOD_69_KV_W. BRTWOOD 56703	35.09 3.18 -2.45	33.36 2.06 -10.49	31.81 1.86 -10.22	30.06 1.41 -12.83	31.41 1.50 -14.07	31.38 1.67 -11.12	29.84 1.89 -9.55	31.91 2.25 -7.58	33.54 2.98 -2.46	36.31 3.65 -1.71	43.78 3.40 -10.53	44.06 3.70 -7.90	44.18 3.68 -8.24	46.29 3.44 -12.43	48.66 3.74 -11.87	48.67 4.04 -9.45	49.61 4.26 -8.02	49.68 4.60 -5.12	50.00 4.74 -2.54	50.03 4.86 -0.15	52.35 4.03 -9.24	48.75 3.73 -10.53	40.65 3.64 -5.37	34.53 2.48 -7.48
BRISTLHL_115KV_TB1 79998	29.06 -0.62 -0.21	21.31 -0.42 -0.92	20.26 -0.37 -0.89	16.63 -0.32 -1.12	16.74 -0.32 -1.23	19.21 -0.35 -0.97	18.86 -0.37 -0.84	22.34 -0.40 -0.66	27.72 -0.59 -0.22	30.45 -0.65 -0.15	29.47 -0.63 -0.24	31.85 -0.68 -0.07	31.75 -0.68 -0.17	30.14 -0.61 -0.32	32.29 -0.76 0.00	34.33 -0.84 0.00	36.48 -0.86 0.00	39.04 -0.92 0.00	41.74 -0.98 0.00	44.04 -0.99 0.00	39.19 -0.70 -0.81	34.30 -0.62 -0.42	31.58 -0.54 -0.47	24.86 -0.37 -0.66
BROOKHAVEN___DRP 24191	35.21 3.30 -2.45	33.47 2.16 -10.49	31.89 1.93 -10.22	30.12 1.47 -12.83	31.49 1.58 -14.07	31.43 1.73 -11.12	29.91 1.97 -9.55	32.00 2.34 -7.58	33.62 3.06 -2.46	36.41 3.75 -1.71	43.75 3.37 -10.53	43.99 3.64 -7.90	44.05 3.55 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.60 3.97 -9.45	49.57 4.22 -8.02	49.76 4.68 -5.12	50.09 4.83 -2.54	50.12 4.95 -0.15	52.28 3.95 -9.24	48.65 3.62 -10.53	40.62 3.61 -5.37	34.48 2.43 -7.48
BROOKLYN_NAVY_YARD 23515	34.09 2.18 -2.45	32.78 1.48 -10.49	31.36 1.40 -10.22	29.79 1.14 -12.83	31.03 1.12 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.06 2.87 -1.94	36.77 2.65 -3.70	35.93 2.87 0.00	38.34 3.17 0.00	40.66 3.32 0.00	43.52 3.56 0.00	46.26 3.54 0.00	48.63 3.60 0.00	51.53 3.21 -9.24	42.03 2.76 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
BROOKLYN___ARMY_DRP 323595	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
BROOME_2_LFGE 323671	32.52 0.21 -2.85	25.19 0.17 -4.21	24.19 0.18 -4.28	20.86 0.13 -4.92	21.33 0.11 -5.39	23.36 0.17 -4.61	22.09 0.13 -3.57	25.71 0.20 -3.44	29.88 0.08 -1.70	31.94 0.16 -0.83	31.67 0.18 -1.64	33.64 0.20 -0.99	33.92 0.23 -1.44	32.85 0.21 -2.21	34.02 0.23 -0.73	34.86 0.21 0.52	37.25 0.23 0.31	40.13 0.28 0.11	43.02 0.30 0.00	45.35 0.32 0.00	43.13 0.43 -3.61	36.60 0.38 -1.72	33.98 0.41 -1.93	27.60 0.34 -2.69
BROOME___LFGE 323600	32.52 0.21 -2.85	25.19 0.17 -4.21	24.19 0.18 -4.28	20.86 0.13 -4.92	21.33 0.11 -5.39	23.36 0.17 -4.61	22.09 0.13 -3.57	25.71 0.20 -3.44	29.88 0.08 -1.70	31.94 0.16 -0.83	31.67 0.18 -1.64	33.64 0.20 -0.99	33.92 0.23 -1.44	32.85 0.21 -2.21	34.02 0.23 -0.73	34.86 0.21 0.52	37.25 0.23 0.31	40.13 0.28 0.11	43.02 0.30 0.00	45.35 0.32 0.00	43.13 0.43 -3.61	36.60 0.38 -1.72	33.98 0.41 -1.93	27.60 0.34 -2.69
BROWNFLS_115KV_TB_3_5 80003	29.34 -0.21 -0.08	20.84 -0.31 -0.34	19.75 -0.32 -0.33	16.02 -0.22 -0.42	16.06 -0.22 -0.46	18.65 -0.30 -0.36	18.35 -0.35 -0.31	21.86 -0.46 -0.25	27.50 -0.67 -0.08	30.30 -0.71 -0.06	29.16 -0.78 -0.09	31.67 -0.81 -0.03	31.45 -0.87 -0.06	29.63 -0.91 -0.12	32.23 -0.83 0.00	34.33 -0.84 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	39.27 -0.12 -0.30	34.52 -0.14 -0.15	31.53 -0.28 -0.17	24.64 -0.17 -0.24
BROWNSV1_27_KV_LOAD 356125	34.30 2.39 -2.45	32.93 1.62 -10.49	31.47 1.52 -10.22	29.88 1.23 -12.83	31.14 1.23 -14.07	31.15 1.45 -11.12	29.52 1.58 -9.55	31.60 1.94 -7.58	33.06 2.50 -2.46	35.66 3.00 -1.71	35.51 2.87 -2.79	36.39 3.12 -0.82	37.32 3.13 -1.94	37.01 2.89 -3.70	36.23 3.17 0.00	38.62 3.45 0.00	40.96 3.62 0.00	43.84 3.88 0.00	46.61 3.89 0.00	48.99 3.96 0.00	51.85 3.52 -9.24	42.31 3.04 -4.78	39.83 2.82 -5.37	34.04 1.99 -7.48
BURROWS___LYONSDAL 23803	29.99 0.41 -0.11	21.42 0.12 -0.48	20.34 0.14 -0.47	16.52 0.11 -0.59	16.57 0.09 -0.64	19.19 0.09 -0.51	18.87 0.04 -0.44	22.51 0.09 -0.35	28.15 -0.06 -0.11	31.06 0.03 -0.08	29.92 -0.06 -0.13	32.56 0.06 -0.04	32.31 -0.03 -0.09	30.50 -0.09 -0.17	33.05 0.00 0.00	35.17 0.00 0.00	37.33 0.00 0.00	39.88 -0.08 0.00	43.40 0.68 0.00	45.84 0.81 0.00	40.44 0.94 -0.42	35.44 0.72 -0.22	32.46 0.57 -0.25	25.43 0.52 -0.34
CAITHNESS_CC_1 323624	35.19 3.27 -2.46	33.43 2.12 -10.49	31.87 1.91 -10.22	30.11 1.45 -12.83	31.45 1.55 -14.07	31.41 1.71 -11.12	29.87 1.93 -9.54	31.95 2.30 -7.58	33.59 3.04 -2.46	36.34 3.68 -1.71	43.72 3.34 -10.53	43.99 3.63 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.56 3.94 -9.45	49.53 4.18 -8.02	49.72 4.63 -5.12	50.00 4.74 -2.54	50.08 4.91 -0.15	52.27 3.95 -9.24	48.65 3.62 -10.53	40.60 3.57 -5.38	34.48 2.43 -7.48
CALPINE BETH_PAGE_GT4 24209	34.83 2.92 -2.45	33.20 1.89 -10.49	31.67 1.72 -10.22	29.96 1.31 -12.83	31.30 1.39 -14.07	31.27 1.56 -11.12	29.69 1.75 -9.55	31.76 2.10 -7.58	33.34 2.78 -2.46	36.10 3.44 -1.71	43.60 3.22 -10.53	43.86 3.51 -7.90	44.05 3.55 -8.24	46.14 3.29 -12.43	48.53 3.60 -11.87	48.49 3.87 -9.45	49.46 4.11 -8.02	49.44 4.36 -5.12	49.74 4.49 -2.54	49.76 4.59 -0.15	52.24 3.91 -9.24	48.54 3.52 -10.53	40.40 3.39 -5.37	34.38 2.33 -7.48
CALPINE_BETH_PAGE_GT_4 323586	34.84 2.92 -2.46	33.20 1.89 -10.49	31.67 1.72 -10.22	29.96 1.31 -12.83	31.30 1.39 -14.07	31.27 1.56 -11.12	29.69 1.75 -9.54	31.75 2.10 -7.58	33.34 2.78 -2.46	36.10 3.44 -1.71	43.60 3.22 -10.53	43.86 3.51 -7.90	44.05 3.55 -8.24	46.14 3.29 -12.43	48.50 3.57 -11.87	48.49 3.87 -9.45	49.46 4.11 -8.02	49.44 4.36 -5.12	49.74 4.48 -2.54	49.77 4.59 -0.15	52.24 3.91 -9.24	48.55 3.52 -10.53	40.41 3.39 -5.38	34.36 2.31 -7.48
CALPINE_BP_GT1 23823	34.84 2.92 -2.46	33.20 1.89 -10.49	31.67 1.72 -10.22	29.96 1.31 -12.83	31.30 1.39 -14.07	31.27 1.56 -11.12	29.69 1.75 -9.54	31.75 2.10 -7.58	33.34 2.78 -2.46	36.10 3.44 -1.71	43.60 3.22 -10.53	43.86 3.51 -7.90	44.05 3.55 -8.24	46.14 3.29 -12.43	48.50 3.57 -11.87	48.49 3.87 -9.45	49.46 4.11 -8.02	49.44 4.36 -5.12	49.74 4.48 -2.54	49.77 4.59 -0.15	52.24 3.91 -9.24	48.55 3.52 -10.53	40.41 3.39 -5.38	34.36 2.31 -7.48
CALSPAN___DRP 24200	15.98 -2.68 10.81	16.38 -1.81 2.63	13.68 -1.68 4.37	13.57 -1.38 0.88	13.49 -1.41 0.93	12.69 -1.62 4.28	17.07 -1.60 -0.28	14.35 -1.83 5.89	17.40 -2.87 7.83	15.46 -3.06 12.43	17.45 -2.90 9.50	19.03 -3.15 10.28	19.32 -3.10 9.84	19.31 -2.86 8.25	19.42 -3.21 10.43	19.29 -3.59 12.29	20.49 -3.85 13.00	23.01 -4.08 12.87	26.28 -4.31 12.12	27.46 -4.73 12.84	23.67 -3.87 11.55	22.85 -3.31 8.34	22.10 -2.63 6.92	19.17 -1.77 3.63

CALVERTON___SOLAR 323806	35.28 3.36 -2.46	33.51 2.20 -10.49	31.93 1.97 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.47 1.77 -11.12	29.92 1.99 -9.54	32.02 2.36 -7.58	33.65 3.09 -2.46	36.44 3.77 -1.71	43.75 3.37 -10.53	44.02 3.67 -7.90	44.05 3.55 -8.24	46.17 3.32 -12.43	48.50 3.57 -11.87	48.60 3.97 -9.45	49.61 4.25 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.27 3.95 -9.24	48.65 3.62 -10.53	40.63 3.61 -5.38	34.48 2.43 -7.48
CANDIGU_WT_PWR 323617	-6.00 -1.21 34.25	4.64 -0.92 15.26	-3.22 -0.87 22.09	5.64 -0.76 9.42	4.82 -0.81 10.20	-4.42 -0.91 22.10	14.08 -0.99 3.32	-6.00 -1.21 26.86	-6.00 -1.88 32.21	-6.00 -2.07 34.88	-6.00 -2.00 33.85	-6.00 -2.21 36.25	-6.00 -2.19 36.06	-6.00 -1.95 34.48	-6.00 -2.12 36.94	-6.00 -2.25 38.92	-6.00 -2.35 40.98	-6.00 -2.36 43.61	-6.00 -2.39 46.33	-6.00 -2.52 48.51	-15.21 -1.84 52.46	-6.00 -1.62 38.88	-6.00 -1.52 36.12	1.62 -1.18 21.77
CARR STREET_E_SYR 24060	29.38 -0.32 -0.25	21.63 -0.23 -1.05	20.56 -0.20 -1.02	16.93 -0.17 -1.28	17.06 -0.17 -1.41	19.51 -0.19 -1.11	19.16 -0.18 -0.95	22.66 -0.18 -0.76	28.00 -0.34 -0.25	30.78 -0.34 -0.17	29.80 -0.33 -0.28	32.19 -0.36 -0.08	32.13 -0.32 -0.19	30.49 -0.30 -0.37	32.69 -0.36 0.00	34.71 -0.46 0.00	36.85 -0.49 0.00	39.49 -0.48 0.00	42.21 -0.51 0.00	44.49 -0.54 0.00	39.69 -0.31 -0.92	34.70 -0.28 -0.48	31.96 -0.22 -0.54	25.19 -0.12 -0.75
CARTHAGE___PAPER 23857	29.78 0.18 -0.14	21.31 -0.08 -0.58	20.24 -0.06 -0.56	16.50 -0.03 -0.71	16.56 -0.05 -0.78	19.11 -0.09 -0.61	18.75 -0.17 -0.53	22.34 -0.15 -0.42	27.81 -0.42 -0.14	30.64 -0.40 -0.09	29.47 -0.54 -0.15	32.05 -0.45 -0.05	31.82 -0.55 -0.11	30.02 -0.61 -0.20	32.56 -0.49 0.00	34.65 -0.53 0.00	36.89 -0.45 0.00	39.49 -0.48 0.00	43.06 0.34 0.00	45.48 0.45 0.00	40.30 0.70 -0.51	35.28 0.52 -0.26	32.29 0.35 -0.30	25.33 0.34 -0.41
CASSADAGA_WT_PWR 323784	16.60 -2.71 10.16	16.60 -1.89 2.32	13.98 -1.78 3.98	13.66 -1.53 0.63	13.53 -1.65 0.65	12.76 -1.95 3.88	16.90 -1.91 -0.42	14.27 -2.34 5.46	17.25 -3.46 7.39	15.51 -3.65 11.79	17.35 -3.52 8.98	18.88 -3.83 9.75	19.13 -3.81 9.32	19.15 -3.50 7.77	19.31 -3.83 9.91	20.74 -4.36 10.07	22.33 -4.63 10.38	25.03 -4.88 10.06	28.33 -5.04 9.35	29.72 -5.40 9.90	26.08 -4.46 8.54	24.39 -3.90 6.21	23.34 -3.23 5.08	19.87 -2.26 2.44
CE_DUNWOOD___DRP 24194	34.03 2.12 -2.45	32.75 1.46 -10.48	31.31 1.36 -10.21	29.75 1.11 -12.82	31.00 1.11 -14.06	31.00 1.30 -11.11	29.33 1.40 -9.54	31.37 1.72 -7.58	32.77 2.22 -2.46	35.29 2.63 -1.71	35.18 2.54 -2.79	36.04 2.76 -0.82	37.00 2.81 -1.93	36.70 2.59 -3.69	35.90 2.84 0.00	38.23 3.06 0.00	40.54 3.21 0.00	43.40 3.44 0.00	46.18 3.46 0.00	48.54 3.51 0.00	51.45 3.13 -9.24	41.96 2.69 -4.77	39.54 2.53 -5.37	33.81 1.77 -7.48
CE_MILLWOOD___DRP 24193	34.00 2.09 -2.44	32.69 1.42 -10.46	31.27 1.34 -10.19	29.69 1.08 -12.79	30.94 1.08 -14.04	30.94 1.26 -11.09	29.28 1.36 -9.52	31.32 1.68 -7.56	32.71 2.16 -2.46	35.23 2.57 -1.70	35.11 2.48 -2.78	35.97 2.69 -0.82	36.90 2.71 -1.93	36.64 2.53 -3.69	35.83 2.78 0.00	38.16 2.99 0.00	40.47 3.14 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.45 3.42 0.00	51.35 3.05 -9.22	41.88 2.62 -4.76	39.47 2.47 -5.36	33.75 1.72 -7.46
CE_NYC2_DRP 24202	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.12 1.41 -11.12	29.47 1.53 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.99 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.51 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.46 0.00	48.85 3.51 0.00	51.69 3.36 -9.24	42.21 2.93 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
CE_NYC_DRP 24195	34.15 2.24 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.56 3.60 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48
CHAFFEE___LFGE 323603	16.69 -2.53 10.24	16.72 -1.73 2.36	14.12 -1.58 4.03	13.85 -1.30 0.67	13.79 -1.33 0.71	13.13 -1.52 3.93	17.29 -1.49 -0.39	14.87 -1.70 5.51	17.98 -2.70 7.42	16.20 -2.85 11.91	18.12 -2.69 9.05	19.69 -2.95 9.81	19.98 -2.90 9.37	19.97 -2.65 7.81	20.15 -2.94 9.96	20.91 -3.41 10.85	22.39 -3.66 11.28	25.07 -3.88 11.02	28.37 -4.06 10.29	29.67 -4.46 10.90	25.84 -3.68 9.57	24.43 -3.14 6.93	23.47 -2.47 5.71	20.05 -1.67 2.85
CHATEAUG_35_KV_LOAD 355732	29.34 -0.12 0.00	20.67 -0.15 0.00	19.54 -0.20 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.40 -0.19 0.00	18.19 -0.20 0.00	21.72 -0.35 0.00	27.70 -0.39 0.00	30.49 -0.46 0.00	29.37 -0.48 0.00	31.91 -0.55 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.49 -0.56 0.00	34.64 -0.53 0.00	37.00 -0.34 0.00	39.56 -0.40 0.00	42.34 -0.38 0.00	44.58 -0.45 0.00	38.61 -0.47 0.00	34.05 -0.45 0.00	31.04 -0.60 0.00	24.03 -0.54 0.00
CHATEAUG_WT_PWR 323614	29.32 -0.15 0.00	20.64 -0.17 0.00	19.54 -0.20 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.38 -0.20 0.00	18.19 -0.20 0.00	21.75 -0.33 0.00	27.73 -0.37 0.00	30.55 -0.40 0.00	29.43 -0.42 0.00	31.97 -0.49 0.00	31.74 -0.52 0.00	29.88 -0.55 0.00	32.56 -0.49 0.00	34.71 -0.46 0.00	37.03 -0.30 0.00	39.52 -0.44 0.00	42.29 -0.43 0.00	44.49 -0.54 0.00	38.54 -0.55 0.00	34.02 -0.48 0.00	31.01 -0.63 0.00	24.00 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	29.34 -0.12 0.00	20.67 -0.15 0.00	19.54 -0.20 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.40 -0.19 0.00	18.19 -0.20 0.00	21.72 -0.35 0.00	27.70 -0.39 0.00	30.49 -0.46 0.00	29.37 -0.48 0.00	31.91 -0.55 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.49 -0.56 0.00	34.64 -0.53 0.00	37.00 -0.34 0.00	39.56 -0.40 0.00	42.34 -0.38 0.00	44.58 -0.45 0.00	38.61 -0.47 0.00	34.05 -0.45 0.00	31.04 -0.60 0.00	24.03 -0.54 0.00
CHAUTAUQUA___LFGE 323629	16.34 -2.56 10.56	16.54 -1.77 2.50	13.87 -1.64 4.23	13.68 -1.38 0.77	13.58 -1.44 0.81	12.81 -1.65 4.13	17.08 -1.66 -0.34	14.37 -1.96 5.74	17.37 -3.03 7.69	15.58 -3.22 12.15	17.49 -3.05 9.31	19.05 -3.31 10.09	19.31 -3.29 9.66	19.31 -3.01 8.10	19.50 -3.31 10.25	20.03 -3.76 11.38	21.35 -4.03 11.95	23.95 -4.24 11.77	27.31 -4.36 11.05	28.60 -4.73 11.70	24.86 -3.87 10.36	23.65 -3.35 7.51	22.76 -2.69 6.20	19.57 -1.84 3.16
CHERRYST_13_KV_LD 356241	34.21 2.30 -2.45	32.86 1.56 -10.49	31.41 1.46 -10.22	29.84 1.19 -12.83	31.09 1.19 -14.07	31.10 1.39 -11.12	29.45 1.51 -9.55	31.51 1.85 -7.58	32.95 2.39 -2.46	35.54 2.88 -1.71	35.39 2.75 -2.79	36.26 2.99 -0.82	37.19 3.00 -1.94	36.92 2.80 -3.70	36.10 3.04 0.00	38.48 3.31 0.00	40.81 3.47 0.00	43.68 3.72 0.00	46.44 3.72 0.00	48.81 3.78 0.00	51.69 3.36 -9.24	42.14 2.86 -4.78	39.70 2.69 -5.37	33.94 1.89 -7.48

CHESTROR_138KV_BK263 355645	33.61 1.80 -2.35	32.14 1.25 -10.08	30.72 1.16 -9.82	29.08 0.93 -12.32	30.28 0.93 -13.52	30.37 1.10 -10.68	28.73 1.16 -9.17	30.77 1.41 -7.28	32.29 1.83 -2.37	34.76 2.17 -1.64	34.59 2.06 -2.68	35.52 2.27 -0.79	36.41 2.29 -1.86	36.11 2.13 -3.55	35.40 2.35 0.00	37.70 2.53 0.00	39.98 2.65 0.00	42.76 2.80 0.00	45.58 2.86 0.00	47.95 2.93 0.00	50.62 2.66 -8.88	41.36 2.28 -4.59	38.95 2.15 -5.16	33.26 1.50 -7.19
CH_MIDHUDSON___DRP 24192	33.86 1.92 -2.48	32.77 1.33 -10.63	31.35 1.26 -10.35	29.82 1.00 -13.00	31.09 1.00 -14.26	31.04 1.19 -11.27	29.32 1.25 -9.68	31.26 1.50 -7.68	32.53 1.94 -2.50	34.94 2.26 -1.73	34.86 2.18 -2.83	35.69 2.40 -0.83	36.64 2.42 -1.96	36.42 2.25 -3.75	35.57 2.51 0.00	37.85 2.67 0.00	40.13 2.80 0.00	42.96 3.00 0.00	45.84 3.12 0.00	48.22 3.20 0.00	51.34 2.89 -9.37	41.79 2.45 -4.84	39.39 2.31 -5.44	33.77 1.62 -7.58
CH_MISC_IPPS 23765	33.98 2.06 -2.45	32.74 1.42 -10.51	31.31 1.34 -10.24	29.73 1.06 -12.85	30.99 1.06 -14.10	30.97 1.25 -11.14	29.26 1.31 -9.56	31.23 1.57 -7.59	32.61 2.05 -2.47	35.05 2.38 -1.71	34.95 2.30 -2.80	35.81 2.53 -0.82	36.75 2.55 -1.94	36.50 2.37 -3.70	35.67 2.61 0.00	38.02 2.85 0.00	40.28 2.95 0.00	43.12 3.16 0.00	46.01 3.29 0.00	48.41 3.38 0.00	51.43 3.09 -9.26	41.90 2.62 -4.78	39.49 2.47 -5.38	33.81 1.74 -7.49
CH_RES_BVR_FALLS 23983	29.35 -0.12 0.00	20.71 -0.10 0.00	19.62 -0.12 0.00	15.73 -0.09 0.00	15.75 -0.08 0.00	18.48 -0.11 0.00	18.28 -0.11 0.00	21.92 -0.15 0.00	27.90 -0.20 0.00	30.74 -0.22 0.00	29.64 -0.21 0.00	32.20 -0.26 0.00	32.00 -0.26 0.00	30.15 -0.27 0.00	32.79 -0.27 0.00	34.93 -0.24 0.00	37.07 -0.26 0.00	39.69 -0.28 0.00	42.42 -0.30 0.00	44.66 -0.36 0.00	38.77 -0.31 0.00	34.22 -0.28 0.00	31.33 -0.32 0.00	24.30 -0.27 0.00
CH_RES_NIAGARA 23895	16.88 -3.54 9.04	16.57 -2.39 1.85	14.24 -2.23 3.27	13.63 -1.79 0.40	13.61 -1.80 0.42	13.35 -2.08 3.16	16.81 -2.02 -0.44	15.18 -2.36 4.53	18.31 -3.57 6.21	15.89 -3.87 11.19	18.20 -3.67 7.98	19.83 -3.99 8.63	20.15 -3.94 8.17	20.28 -3.62 6.52	20.26 -4.07 8.73	19.59 -4.50 11.08	21.27 -4.82 11.25	24.05 -5.16 10.76	27.28 -5.51 9.93	28.47 -6.03 10.52	24.61 -5.04 9.43	23.49 -4.28 6.73	22.64 -3.45 5.56	19.39 -2.36 2.82
CH_RES_SYRACUSE 23985	30.57 -0.15 -1.26	21.89 -0.08 -1.16	20.81 -0.06 -1.13	17.18 -0.06 -1.42	17.33 -0.06 -1.56	19.77 -0.06 -1.23	19.40 -0.06 -1.06	22.87 -0.04 -0.84	28.23 -0.14 -0.27	30.99 -0.15 -0.19	30.04 -0.12 -0.31	32.42 -0.13 -0.09	32.34 -0.13 -0.21	30.74 -0.13 -0.41	32.92 -0.13 0.00	34.96 -0.21 0.00	37.11 -0.22 0.00	39.76 -0.20 0.00	42.47 -0.25 0.00	44.80 -0.22 0.00	40.26 -0.04 -1.21	34.99 -0.03 -0.53	32.24 0.00 -0.60	25.45 0.05 -0.83
CLINTON_WT_PWR 323605	29.32 -0.15 0.00	20.64 -0.17 0.00	19.54 -0.20 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.38 -0.20 0.00	18.19 -0.20 0.00	21.75 -0.33 0.00	27.73 -0.37 0.00	30.55 -0.40 0.00	29.43 -0.42 0.00	31.97 -0.49 0.00	31.74 -0.52 0.00	29.88 -0.55 0.00	32.56 -0.49 0.00	34.71 -0.46 0.00	37.03 -0.30 0.00	39.52 -0.44 0.00	42.29 -0.43 0.00	44.49 -0.54 0.00	38.54 -0.55 0.00	34.02 -0.48 0.00	31.01 -0.63 0.00	24.00 -0.56 0.00
CLINTON___LFGE 323618	29.96 0.50 0.00	21.04 0.23 0.00	19.88 0.14 0.00	15.98 0.16 0.00	16.02 0.19 0.00	18.77 0.19 0.00	18.54 0.15 0.00	22.16 0.09 0.00	28.21 0.11 0.00	31.08 0.12 0.00	29.97 0.12 0.00	32.56 0.10 0.00	32.29 0.03 0.00	30.39 -0.03 0.00	33.15 0.10 0.00	35.38 0.21 0.00	37.86 0.52 0.00	40.04 0.08 0.00	42.89 0.17 0.00	45.07 0.05 0.00	39.08 0.00 0.00	34.46 -0.03 0.00	31.39 -0.25 0.00	24.30 -0.27 0.00
COBBLENY_34_KV_TB1 80064	16.69 -2.53 10.24	16.72 -1.73 2.36	14.12 -1.58 4.03	13.85 -1.30 0.67	13.79 -1.33 0.71	13.13 -1.52 3.93	17.29 -1.49 -0.39	14.84 -1.72 5.51	17.98 -2.70 7.42	16.19 -2.85 11.91	18.12 -2.69 9.05	19.69 -2.95 9.81	20.01 -2.87 9.37	19.97 -2.65 7.81	20.09 -3.01 9.96	20.95 -3.38 10.84	22.43 -3.62 11.28	25.07 -3.88 11.02	28.37 -4.06 10.29	29.67 -4.46 10.90	25.84 -3.67 9.57	24.43 -3.14 6.93	23.47 -2.47 5.71	20.07 -1.65 2.85
COFFEEN___115KV_TB3 355620	30.00 0.38 -0.15	21.54 0.08 -0.65	20.46 0.10 -0.63	16.71 0.09 -0.79	16.77 0.08 -0.87	19.33 0.06 -0.68	18.94 -0.04 -0.59	22.57 0.02 -0.47	27.99 -0.25 -0.15	30.90 -0.15 -0.11	29.72 -0.30 -0.17	32.38 -0.13 -0.05	32.28 -0.10 -0.12	30.41 -0.24 -0.23	32.96 -0.10 0.00	35.10 -0.07 0.00	37.33 0.00 0.00	39.96 0.00 0.00	43.45 0.73 0.00	45.93 0.90 0.00	40.83 1.17 -0.57	35.72 0.93 -0.29	32.67 0.70 -0.33	25.67 0.64 -0.46
COLDSPRG_115KV_BK1 355956	18.12 -1.83 9.52	17.52 -1.27 2.03	14.99 -1.14 3.60	14.43 -1.00 0.40	14.36 -1.06 0.41	13.88 -1.23 3.48	17.79 -1.14 -0.54	15.66 -1.39 5.03	18.90 -2.28 6.91	17.44 -2.29 11.22	19.21 -2.18 8.46	20.88 -2.37 9.21	21.16 -2.32 8.78	21.01 -2.16 7.26	21.24 -2.45 9.37	24.30 -2.88 7.99	26.35 -3.10 7.88	29.38 -3.24 7.34	32.81 -3.25 6.66	34.41 -3.56 7.06	30.55 -2.85 5.68	27.86 -2.48 4.15	26.37 -1.96 3.31	22.00 -1.25 1.31
COLONIE_LFGE___ 323577	33.62 1.33 -2.83	33.89 0.94 -12.14	32.45 0.89 -11.83	31.38 0.71 -14.85	32.83 0.71 -16.29	32.29 0.84 -12.87	30.27 0.79 -11.09	31.85 0.97 -8.80	32.11 1.15 -2.86	34.14 1.21 -1.98	34.26 1.16 -3.24	34.67 1.26 -0.95	35.73 1.23 -2.25	35.87 1.16 -4.30	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.60 1.64 0.00	44.56 1.84 0.00	47.01 1.98 0.00	51.62 1.80 -10.74	41.67 1.62 -5.55	39.37 1.49 -6.24	34.42 1.15 -8.69
COOPERNY_115KV_TB1 80082	33.13 1.62 -2.04	30.66 1.10 -8.75	29.30 1.05 -8.52	27.36 0.84 -10.70	28.40 0.84 -11.74	28.84 0.99 -9.27	27.39 1.03 -7.96	29.66 1.26 -6.32	31.75 1.60 -2.06	34.30 1.92 -1.42	34.03 1.85 -2.33	35.19 2.04 -0.68	35.94 2.06 -1.61	35.42 1.92 -3.08	35.17 2.12 0.00	37.46 2.29 0.00	39.72 2.39 0.00	42.48 2.52 0.00	45.24 2.52 0.00	47.59 2.57 0.00	49.18 2.38 -7.71	40.52 2.04 -3.98	38.05 1.93 -4.48	32.16 1.35 -6.24
COPENHAGEN_WT_PWR 323753	29.83 0.21 -0.16	21.48 0.00 -0.67	20.40 0.02 -0.65	16.65 0.02 -0.81	16.72 0.00 -0.89	19.27 -0.02 -0.71	18.89 -0.11 -0.61	22.51 -0.04 -0.48	27.94 -0.31 -0.16	30.81 -0.25 -0.11	29.67 -0.36 -0.18	32.29 -0.23 -0.05	32.16 -0.22 -0.12	30.32 -0.33 -0.23	32.86 -0.20 0.00	34.96 -0.21 0.00	37.15 -0.19 0.00	39.76 -0.20 0.00	43.15 0.43 0.00	45.61 0.58 0.00	40.53 0.86 -0.59	35.49 0.69 -0.30	32.49 0.50 -0.34	25.51 0.47 -0.48
CORNELL_____ 23752	35.86 0.47 -5.93	25.14 0.31 -4.02	24.55 0.32 -4.50	20.21 0.22 -4.17	20.61 0.22 -4.56	23.62 0.30 -4.74	21.45 0.26 -2.80	26.61 0.35 -4.18	31.61 0.25 -3.26	34.30 0.25 -3.10	33.48 0.21 -3.42	35.78 0.23 -3.09	35.87 0.23 -3.39	34.47 0.27 -3.77	36.22 0.23 -2.94	38.14 0.32 -2.65	41.06 0.41 -3.31	44.27 0.60 -3.70	47.12 0.68 -3.72	49.69 0.72 -3.94	46.52 0.90 -6.54	39.24 0.76 -3.98	36.07 0.70 -3.73	28.51 0.59 -3.36

CORONA V_69_KV_TB1 355595	34.65 2.74 -2.45	33.11 1.81 -10.49	31.59 1.64 -10.22	29.92 1.27 -12.83	31.23 1.33 -14.07	31.21 1.51 -11.12	29.62 1.67 -9.55	31.69 2.03 -7.58	33.23 2.67 -2.46	35.91 3.25 -1.71	43.48 3.10 -10.53	43.73 3.38 -7.90	43.89 3.39 -8.24	46.02 3.16 -12.43	48.40 3.47 -11.87	48.35 3.73 -9.45	49.27 3.92 -8.02	49.28 4.20 -5.12	49.53 4.27 -2.54	49.54 4.37 -0.15	52.12 3.79 -9.24	48.37 3.35 -10.53	40.21 3.20 -5.37	34.26 2.21 -7.48
CORTLAND_115KV_TB3 80093	32.21 0.29 -2.46	23.55 0.19 -2.55	22.61 0.20 -2.68	18.84 0.14 -2.88	19.12 0.14 -3.15	21.64 0.19 -2.86	20.60 0.17 -2.04	24.58 0.24 -2.27	29.59 0.14 -1.36	32.36 0.19 -1.22	31.48 0.18 -1.45	33.77 0.19 -1.11	33.79 0.19 -1.34	32.31 0.21 -1.67	34.22 0.20 -0.96	35.38 0.21 0.00	37.60 0.26 0.00	40.32 0.36 0.00	43.15 0.43 0.00	45.48 0.45 0.00	41.75 0.59 -2.08	35.97 0.52 -0.95	33.19 0.47 -1.07	26.47 0.42 -1.49
COXSACKIE__GT 23611	33.77 1.59 -2.72	33.54 1.08 -11.65	32.15 1.07 -11.35	30.89 0.82 -14.25	32.28 0.82 -15.63	31.88 0.95 -12.35	29.85 0.85 -10.61	31.43 0.93 -8.42	31.99 1.15 -2.74	33.93 1.08 -1.90	33.94 0.98 -3.10	34.41 1.04 -0.91	35.41 1.00 -2.15	35.48 0.94 -4.11	34.38 1.32 0.00	36.68 1.51 0.00	38.94 1.60 0.00	41.96 2.00 0.00	45.11 2.39 0.00	47.64 2.61 0.00	51.71 2.34 -10.28	41.74 1.93 -5.31	39.48 1.87 -5.97	34.21 1.33 -8.32
CPV_VALLEY__CC1 323721	33.35 1.62 -2.27	31.62 1.10 -9.70	30.23 1.05 -9.45	28.52 0.84 -11.86	29.68 0.84 -13.01	29.85 0.98 -10.28	28.27 1.05 -8.83	30.36 1.28 -7.01	32.00 1.63 -2.28	34.48 1.95 -1.58	34.31 1.88 -2.58	35.30 2.08 -0.76	36.14 2.10 -1.79	35.79 1.95 -3.42	35.17 2.12 0.00	37.49 2.32 0.00	39.73 2.39 0.00	42.48 2.52 0.00	45.28 2.56 0.00	47.64 2.61 0.00	49.98 2.34 -8.55	40.95 2.03 -4.42	38.54 1.93 -4.97	32.84 1.35 -6.92
CPV_VALLEY__CC2 323722	33.35 1.62 -2.27	31.62 1.10 -9.70	30.23 1.05 -9.45	28.52 0.84 -11.86	29.68 0.84 -13.01	29.85 0.98 -10.28	28.27 1.05 -8.83	30.36 1.28 -7.01	32.00 1.63 -2.28	34.48 1.95 -1.58	34.31 1.88 -2.58	35.30 2.08 -0.76	36.14 2.10 -1.79	35.79 1.95 -3.42	35.17 2.12 0.00	37.49 2.32 0.00	39.73 2.39 0.00	42.48 2.52 0.00	45.28 2.56 0.00	47.64 2.61 0.00	49.98 2.34 -8.55	40.95 2.03 -4.42	38.54 1.93 -4.97	32.84 1.35 -6.92
CRESCENT__HYD 24018	33.62 1.33 -2.83	33.89 0.94 -12.14	32.45 0.89 -11.83	31.38 0.71 -14.85	32.83 0.71 -16.29	32.29 0.84 -12.87	30.27 0.79 -11.09	31.85 0.97 -8.80	32.11 1.15 -2.86	34.14 1.21 -1.98	34.26 1.16 -3.24	34.67 1.26 -0.95	35.73 1.23 -2.25	35.87 1.16 -4.30	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.60 1.64 0.00	44.56 1.84 0.00	47.01 1.98 0.00	51.62 1.80 -10.74	41.67 1.62 -5.55	39.37 1.49 -6.24	34.42 1.15 -8.69
CRICKET__VALLEY_CC1 323756	33.75 1.77 -2.52	32.80 1.21 -10.79	31.39 1.14 -10.51	29.93 0.92 -13.19	31.22 0.92 -14.47	31.10 1.08 -11.43	29.38 1.18 -9.81	31.30 1.43 -7.79	32.48 1.85 -2.53	34.84 2.13 -1.76	34.81 2.09 -2.87	35.57 2.27 -0.84	36.54 2.29 -1.99	36.35 2.13 -3.80	35.37 2.31 0.00	37.71 2.53 0.00	39.95 2.61 0.00	42.76 2.80 0.00	45.58 2.86 0.00	47.95 2.93 0.00	51.21 2.62 -9.50	41.68 2.28 -4.91	39.28 2.12 -5.52	33.76 1.50 -7.69
CRICKET__VALLEY_CC2 323757	33.75 1.77 -2.52	32.80 1.21 -10.79	31.39 1.14 -10.51	29.93 0.92 -13.19	31.22 0.92 -14.47	31.10 1.08 -11.43	29.38 1.18 -9.81	31.30 1.43 -7.79	32.48 1.85 -2.53	34.84 2.13 -1.76	34.81 2.09 -2.87	35.57 2.27 -0.84	36.54 2.29 -1.99	36.35 2.13 -3.80	35.37 2.31 0.00	37.71 2.53 0.00	39.95 2.61 0.00	42.76 2.80 0.00	45.58 2.86 0.00	47.95 2.93 0.00	51.21 2.62 -9.50	41.68 2.28 -4.91	39.28 2.12 -5.52	33.76 1.50 -7.69
CRICKET__VALLEY_CC3 323758	33.75 1.77 -2.52	32.80 1.21 -10.79	31.39 1.14 -10.51	29.93 0.92 -13.19	31.22 0.92 -14.47	31.10 1.08 -11.43	29.38 1.18 -9.81	31.30 1.43 -7.79	32.48 1.85 -2.53	34.84 2.13 -1.76	34.81 2.09 -2.87	35.57 2.27 -0.84	36.54 2.29 -1.99	36.35 2.13 -3.80	35.37 2.31 0.00	37.71 2.53 0.00	39.95 2.61 0.00	42.76 2.80 0.00	45.58 2.86 0.00	47.95 2.93 0.00	51.21 2.62 -9.50	41.68 2.28 -4.91	39.28 2.12 -5.52	33.76 1.50 -7.69
CRUCIBLE_METL_DRP 24180	30.57 -0.15 -1.26	21.89 -0.08 -1.16	20.81 -0.06 -1.13	17.18 -0.06 -1.42	17.33 -0.06 -1.56	19.77 -0.06 -1.23	19.40 -0.06 -1.06	22.87 -0.04 -0.84	28.23 -0.14 -0.27	30.99 -0.15 -0.19	30.04 -0.12 -0.31	32.42 -0.13 -0.09	32.34 -0.13 -0.21	30.74 -0.09 -0.41	32.86 -0.20 0.00	34.96 -0.21 0.00	37.11 -0.22 0.00	39.76 -0.20 0.00	42.46 -0.26 0.00	44.80 -0.23 0.00	40.26 -0.04 -1.21	34.99 -0.03 -0.53	32.24 0.00 -0.60	25.45 0.05 -0.83
DAHOWA__HYDRO 323763	34.07 1.74 -2.87	34.29 1.21 -12.28	32.82 1.12 -11.96	31.75 0.92 -15.01	33.23 0.93 -16.47	32.68 1.08 -13.01	30.63 1.03 -11.21	32.39 1.24 -8.90	34.48 1.40 -2.89	34.48 1.52 -2.01	34.47 1.34 -3.28	34.85 1.43 -0.96	35.89 1.35 -2.27	35.95 1.19 -4.34	34.41 1.36 0.00	36.72 1.55 0.00	39.09 1.76 0.00	41.96 2.00 0.00	45.15 2.43 0.00	47.68 2.66 0.00	52.36 2.42 -10.86	42.25 2.14 -5.61	39.91 1.96 -6.31	34.83 1.47 -8.79
DANC__LFGE 323619	29.58 -0.06 -0.18	21.43 -0.14 -0.77	20.36 -0.12 -0.75	16.66 -0.09 -0.94	16.76 -0.09 -1.03	19.27 -0.13 -0.81	18.92 -0.17 -0.70	22.48 -0.15 -0.55	27.91 -0.37 -0.18	30.71 -0.37 -0.12	29.64 -0.42 -0.20	32.16 -0.36 -0.06	32.05 -0.35 -0.14	30.30 -0.40 -0.27	32.69 -0.36 0.00	34.75 -0.42 0.00	36.89 -0.45 0.00	39.49 -0.48 0.00	42.63 -0.09 0.00	45.03 0.00 0.00	40.03 0.28 -0.68	35.09 0.24 -0.35	32.19 0.16 -0.39	25.31 0.20 -0.55
DANSKAMMER__1 23586	33.98 2.06 -2.45	32.74 1.42 -10.51	31.31 1.34 -10.24	29.73 1.06 -12.85	30.99 1.06 -14.10	30.97 1.25 -11.14	29.26 1.31 -9.56	31.23 1.57 -7.59	32.61 2.05 -2.47	35.05 2.38 -1.71	34.95 2.30 -2.80	35.81 2.53 -0.82	36.75 2.55 -1.94	36.50 2.37 -3.70	35.67 2.61 0.00	38.02 2.85 0.00	40.28 2.95 0.00	43.12 3.16 0.00	46.01 3.29 0.00	48.41 3.38 0.00	51.43 3.09 -9.26	41.90 2.62 -4.78	39.49 2.47 -5.38	33.81 1.74 -7.49
DANSKAMMER__2 23589	33.98 2.06 -2.45	32.74 1.42 -10.51	31.31 1.34 -10.24	29.73 1.06 -12.85	30.99 1.06 -14.10	30.97 1.25 -11.14	29.26 1.31 -9.56	31.23 1.57 -7.59	32.61 2.05 -2.47	35.05 2.38 -1.71	34.95 2.30 -2.80	35.81 2.53 -0.82	36.75 2.55 -1.94	36.50 2.37 -3.70	35.67 2.61 0.00	38.02 2.85 0.00	40.28 2.95 0.00	43.12 3.16 0.00	46.01 3.29 0.00	48.41 3.38 0.00	51.43 3.09 -9.26	41.90 2.62 -4.78	39.49 2.47 -5.38	33.81 1.74 -7.49
DANSKAMMER__3 23590	33.98 2.06 -2.45	32.74 1.42 -10.51	31.31 1.34 -10.24	29.73 1.06 -12.85	30.99 1.06 -14.10	30.97 1.25 -11.14	29.26 1.31 -9.56	31.23 1.57 -7.59	32.61 2.05 -2.47	35.05 2.38 -1.71	34.95 2.30 -2.80	35.81 2.53 -0.82	36.75 2.55 -1.94	36.50 2.37 -3.70	35.67 2.61 0.00	38.02 2.85 0.00	40.28 2.95 0.00	43.12 3.16 0.00	46.01 3.29 0.00	48.41 3.38 0.00	51.43 3.09 -9.26	41.90 2.62 -4.78	39.49 2.47 -5.38	33.81 1.74 -7.49

DANSKAMMER___4 23591	33.98 2.06 -2.45	32.74 1.42 -10.51	31.31 1.34 -10.24	29.73 1.06 -12.85	30.99 1.06 -14.10	30.97 1.25 -11.14	29.26 1.31 -9.56	31.23 1.57 -7.59	32.61 2.05 -2.47	35.05 2.38 -1.71	34.95 2.30 -2.80	35.81 2.53 -0.82	36.75 2.55 -1.94	36.50 2.37 -3.70	35.67 2.61 0.00	38.02 2.85 0.00	40.28 2.95 0.00	43.12 3.16 0.00	46.01 3.29 0.00	48.41 3.38 0.00	51.43 3.09 -9.26	41.90 2.62 -4.78	39.49 2.47 -5.38	33.81 1.74 -7.49
DANSKAMMER___DIESEL 23592	33.98 2.06 -2.45	32.74 1.42 -10.51	31.31 1.34 -10.24	29.73 1.06 -12.85	30.99 1.06 -14.10	30.97 1.25 -11.14	29.27 1.31 -9.57	31.24 1.57 -7.60	32.61 2.05 -2.47	35.05 2.38 -1.71	34.95 2.30 -2.80	35.81 2.53 -0.82	36.75 2.55 -1.94	36.50 2.37 -3.70	35.70 2.64 0.00	38.02 2.85 0.00	40.28 2.95 0.00	43.12 3.16 0.00	46.01 3.29 0.00	48.40 3.38 0.00	51.43 3.09 -9.26	41.90 2.62 -4.78	39.49 2.47 -5.38	33.81 1.74 -7.49
DARBY___SOLAR 323810	33.97 1.65 -2.86	34.21 1.14 -12.26	32.76 1.08 -11.94	31.68 0.87 -14.99	33.16 0.89 -16.44	32.62 1.04 -12.99	30.56 0.97 -11.19	32.13 1.17 -8.89	32.30 1.32 -2.89	34.38 1.42 -2.00	34.41 1.28 -3.27	34.78 1.36 -0.96	35.82 1.29 -2.27	35.92 1.16 -4.34	34.38 1.32 0.00	36.68 1.51 0.00	39.02 1.68 0.00	41.88 1.92 0.00	45.03 2.31 0.00	47.55 2.52 0.00	52.19 2.27 -10.84	42.13 2.03 -5.60	39.81 1.87 -6.30	34.74 1.40 -8.78
DASHVILLE___HYD 23610	33.48 1.53 -2.49	32.52 1.04 -10.66	31.13 1.01 -10.39	29.65 0.79 -13.04	30.91 0.78 -14.31	30.82 0.93 -11.30	29.10 0.99 -9.71	30.98 1.19 -7.71	32.17 1.57 -2.51	34.52 1.83 -1.74	34.45 1.76 -2.84	35.21 1.92 -0.83	36.19 1.97 -1.97	36.01 1.83 -3.76	35.27 2.21 0.00	37.56 2.39 0.00	39.84 2.50 0.00	42.64 2.68 0.00	45.54 2.82 0.00	47.95 2.93 0.00	50.95 2.46 -9.40	41.39 2.04 -4.86	39.03 1.93 -5.46	33.50 1.33 -7.61
DELAWARE___LFGE 323621	32.20 1.03 -1.70	26.59 0.73 -5.05	25.37 0.71 -4.92	22.57 0.57 -6.18	23.16 0.55 -6.78	24.59 0.65 -5.36	23.60 0.61 -4.60	26.52 0.79 -3.65	30.18 0.90 -1.19	32.89 1.11 -0.82	32.24 1.04 -1.35	34.09 1.23 -0.39	34.48 1.29 -0.93	33.42 1.22 -1.78	34.38 1.32 0.00	36.58 1.41 0.00	38.75 1.42 0.00	41.48 1.52 0.00	44.30 1.58 0.00	46.69 1.67 0.00	45.20 1.56 -4.55	38.15 1.35 -2.30	35.47 1.23 -2.59	29.13 0.96 -3.61
DERFIELD_115KV_TB7 355931	29.64 0.18 0.00	20.94 0.12 0.00	19.85 0.12 0.00	15.92 0.09 0.00	15.92 0.09 0.00	18.70 0.11 0.00	18.50 0.11 0.00	22.21 0.13 0.00	28.23 0.14 0.00	31.11 0.15 0.00	30.00 0.15 0.00	32.62 0.16 0.00	32.45 0.19 0.00	30.61 0.18 0.00	33.25 0.20 0.00	35.38 0.21 0.00	37.52 0.19 0.00	40.16 0.20 0.00	42.93 0.21 0.00	45.25 0.23 0.00	39.32 0.23 0.00	34.71 0.21 0.00	31.83 0.19 0.00	24.72 0.15 0.00
DOGLEVILLE___HYD 23807	29.34 -0.12 0.00	20.69 -0.12 0.00	19.58 -0.16 0.00	15.66 -0.16 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.08 -0.31 0.00	21.75 -0.33 0.00	27.64 -0.45 0.00	30.46 -0.50 0.00	29.31 -0.54 0.00	31.84 -0.62 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.46 -0.59 0.00	34.29 -0.88 0.00	36.25 -1.08 0.00	38.72 -1.24 0.00	41.40 -1.32 0.00	43.59 -1.44 0.00	37.87 -1.21 0.00	33.36 -1.14 0.00	30.76 -0.89 0.00	23.90 -0.66 0.00
DUNKIRK___115KV_TB_200 55889	16.33 -2.53 10.60	16.56 -1.73 2.52	13.88 -1.60 4.25	13.69 -1.34 0.78	13.61 -1.39 0.83	12.82 -1.62 4.15	17.13 -1.60 -0.34	14.39 -1.92 5.77	17.43 -2.95 7.71	15.64 -3.13 12.19	17.52 -2.99 9.34	19.09 -3.25 10.13	19.37 -3.19 9.69	19.37 -2.92 8.13	19.47 -3.31 10.28	20.01 -3.66 11.50	21.31 -3.92 12.10	23.87 -4.16 11.94	27.24 -4.27 11.21	28.52 -4.64 11.87	24.76 -3.79 10.53	23.59 -3.28 7.63	22.71 -2.63 6.30	19.57 -1.77 3.23
DUNKIRK___1 23563	16.33 -2.53 10.60	16.56 -1.73 2.52	13.88 -1.60 4.25	13.69 -1.34 0.78	13.61 -1.39 0.83	12.82 -1.62 4.15	17.13 -1.60 -0.34	14.39 -1.92 5.77	17.43 -2.95 7.71	15.64 -3.13 12.19	17.52 -2.99 9.34	19.09 -3.25 10.13	19.37 -3.19 9.69	19.37 -2.92 8.13	19.47 -3.31 10.28	20.01 -3.66 11.50	21.31 -3.92 12.10	23.87 -4.16 11.94	27.24 -4.27 11.21	28.52 -4.64 11.87	24.76 -3.79 10.53	23.59 -3.28 7.63	22.71 -2.63 6.30	19.57 -1.77 3.23
DUNKIRK___2 23564	16.33 -2.53 10.60	16.56 -1.73 2.52	13.88 -1.60 4.25	13.69 -1.34 0.78	13.61 -1.39 0.83	12.82 -1.62 4.15	17.13 -1.60 -0.34	14.39 -1.92 5.77	17.43 -2.95 7.71	15.64 -3.13 12.19	17.52 -2.99 9.34	19.09 -3.25 10.13	19.37 -3.19 9.69	19.37 -2.92 8.13	19.47 -3.31 10.28	20.01 -3.66 11.50	21.31 -3.92 12.10	23.87 -4.16 11.94	27.24 -4.27 11.21	28.52 -4.64 11.87	24.76 -3.79 10.53	23.59 -3.28 7.63	22.71 -2.63 6.30	19.57 -1.77 3.23
DUNKIRK___3 23565	16.18 -2.50 10.78	16.50 -1.71 2.60	13.79 -1.58 4.37	13.68 -1.30 0.84	13.59 -1.35 0.89	12.78 -1.54 4.26	17.14 -1.56 -0.31	14.35 -1.83 5.89	17.40 -2.84 7.86	15.58 -3.03 12.34	17.49 -2.87 9.49	19.06 -3.12 10.29	19.34 -3.06 9.85	19.31 -2.83 8.29	19.44 -3.17 10.44	19.59 -3.52 12.06	20.77 -3.77 12.79	23.27 -4.00 12.70	26.61 -4.14 11.97	27.85 -4.50 12.68	24.04 -3.71 11.33	23.12 -3.17 8.21	22.31 -2.53 6.80	19.36 -1.67 3.54
DUNKIRK___4 23566	16.18 -2.50 10.78	16.50 -1.71 2.60	13.79 -1.58 4.37	13.68 -1.30 0.84	13.59 -1.35 0.89	12.78 -1.54 4.26	17.14 -1.56 -0.31	14.35 -1.83 5.89	17.40 -2.84 7.86	15.58 -3.03 12.34	17.49 -2.87 9.49	19.06 -3.12 10.29	19.34 -3.06 9.85	19.31 -2.83 8.29	19.44 -3.17 10.44	19.59 -3.52 12.06	20.77 -3.77 12.79	23.27 -4.00 12.70	26.61 -4.14 11.97	27.85 -4.50 12.68	24.04 -3.71 11.33	23.12 -3.17 8.21	22.31 -2.53 6.80	19.36 -1.67 3.54
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.09 2.18 -2.45	32.78 1.48 -10.49	31.35 1.40 -10.22	29.77 1.12 -12.83	31.02 1.12 -14.07	31.04 1.34 -11.12	29.38 1.43 -9.55	31.42 1.77 -7.58	32.83 2.28 -2.46	35.38 2.72 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.34 3.17 0.00	40.66 3.32 0.00	43.48 3.52 0.00	46.27 3.55 0.00	48.67 3.65 0.00	51.53 3.20 -9.24	42.07 2.79 -4.77	39.61 2.59 -5.37	33.87 1.82 -7.48
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.79 1.92 -2.41	32.43 1.31 -10.31	31.04 1.26 -10.04	29.43 1.00 -12.61	30.66 1.00 -13.83	30.69 1.17 -10.93	29.01 1.23 -9.39	31.03 1.50 -7.45	32.45 1.94 -2.42	34.89 2.26 -1.68	34.77 2.18 -2.74	35.67 2.40 -0.80	36.58 2.42 -1.90	36.31 2.25 -3.63	35.53 2.48 0.00	37.85 2.67 0.00	40.13 2.80 0.00	42.96 3.00 0.00	45.80 3.08 0.00	48.18 3.15 0.00	51.06 2.89 -9.09	41.64 2.45 -4.69	39.23 2.31 -5.28	33.54 1.62 -7.35
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.25 2.33 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.08 1.38 -11.12	29.40 1.45 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48

E179THST_13_KV_LOAD 356214	34.34 2.42 -2.46	33.00 1.69 -10.50	31.56 1.60 -10.23	29.94 1.28 -12.83	31.21 1.30 -14.08	31.14 1.43 -11.12	29.45 1.51 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.30 3.02 -0.82	37.26 3.06 -1.94	36.95 2.83 -3.70	36.16 3.11 0.00	38.55 3.38 0.00	40.88 3.55 0.00	43.76 3.80 0.00	46.52 3.80 0.00	48.90 3.87 0.00	51.73 3.40 -9.24	42.21 2.93 -4.78	39.77 2.75 -5.37	33.99 1.94 -7.48
EAST HAMPTON___GT 23717	35.39 3.47 -2.46	33.63 2.33 -10.49	32.05 2.09 -10.22	30.22 1.57 -12.83	31.60 1.69 -14.07	31.51 1.80 -11.12	29.92 1.99 -9.54	31.99 2.34 -7.58	33.59 3.04 -2.46	36.34 3.68 -1.71	43.66 3.28 -10.53	43.83 3.47 -7.90	43.86 3.35 -8.24	45.96 3.10 -12.43	48.40 3.47 -11.87	48.53 3.90 -9.45	49.53 4.18 -8.02	49.52 4.44 -5.12	49.74 4.48 -2.54	49.63 4.46 -0.15	51.65 3.32 -9.24	47.99 2.97 -10.53	39.93 2.91 -5.38	33.89 1.84 -7.48
EAST RIVER___6 23660	34.00 2.09 -2.45	32.72 1.42 -10.49	31.26 1.30 -10.22	29.71 1.06 -12.83	30.96 1.06 -14.07	30.95 1.25 -11.12	29.32 1.38 -9.54	31.35 1.70 -7.58	32.78 2.22 -2.46	35.35 2.69 -1.71	35.18 2.54 -2.79	36.07 2.79 -0.82	37.00 2.81 -1.94	36.71 2.58 -3.70	35.86 2.81 0.00	38.27 3.10 0.00	40.58 3.25 0.00	43.40 3.44 0.00	46.14 3.42 0.00	48.49 3.47 0.00	51.42 3.09 -9.24	41.89 2.62 -4.78	39.48 2.47 -5.37	33.74 1.69 -7.48
EAST RIVER___7 23524	34.00 2.09 -2.45	32.72 1.42 -10.49	31.26 1.30 -10.22	29.71 1.06 -12.83	30.96 1.06 -14.07	30.95 1.25 -11.12	29.32 1.38 -9.54	31.35 1.70 -7.58	32.78 2.22 -2.46	35.35 2.69 -1.71	35.18 2.54 -2.79	36.07 2.79 -0.82	37.00 2.81 -1.94	36.71 2.58 -3.70	35.86 2.81 0.00	38.27 3.10 0.00	40.58 3.25 0.00	43.40 3.44 0.00	46.14 3.42 0.00	48.49 3.47 0.00	51.42 3.09 -9.24	41.89 2.62 -4.78	39.48 2.47 -5.37	33.74 1.69 -7.48
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.03 2.12 -2.45	32.75 1.46 -10.48	31.31 1.36 -10.21	29.75 1.11 -12.82	31.00 1.11 -14.06	31.00 1.30 -11.11	29.33 1.40 -9.54	31.37 1.72 -7.58	32.77 2.22 -2.46	35.29 2.63 -1.71	35.18 2.54 -2.79	36.04 2.76 -0.82	37.00 2.81 -1.93	36.70 2.59 -3.69	35.90 2.84 0.00	38.23 3.06 0.00	40.54 3.21 0.00	43.40 3.44 0.00	46.18 3.46 0.00	48.54 3.51 0.00	51.45 3.13 -9.24	41.96 2.69 -4.77	39.54 2.53 -5.37	33.81 1.77 -7.48
EAST_HAMPTON___DIESEL 23722	35.37 3.45 -2.46	33.61 2.31 -10.49	32.03 2.07 -10.22	30.22 1.57 -12.83	31.60 1.69 -14.07	31.51 1.80 -11.12	29.92 1.99 -9.54	31.99 2.34 -7.58	33.57 3.01 -2.46	36.31 3.65 -1.71	43.63 3.25 -10.53	43.80 3.44 -7.90	43.83 3.32 -8.24	45.92 3.07 -12.43	48.37 3.44 -11.87	48.49 3.87 -9.45	49.53 4.18 -8.02	49.44 4.36 -5.12	49.66 4.40 -2.54	49.54 4.37 -0.15	51.61 3.28 -9.24	47.92 2.90 -10.53	39.87 2.85 -5.38	33.84 1.79 -7.48
EAST_POINT___SOLAR 323840	34.49 1.91 -3.11	35.45 1.31 -13.32	33.94 1.22 -12.98	33.11 1.00 -16.29	34.73 1.03 -17.87	33.91 1.21 -14.12	31.66 1.12 -12.15	33.02 1.30 -9.64	32.44 1.21 -3.14	34.15 1.02 -2.17	34.15 0.75 -3.55	34.47 0.97 -1.04	35.95 1.23 -2.46	36.29 1.16 -4.71	34.51 1.45 0.00	36.97 1.79 0.00	39.16 1.83 0.00	42.24 2.28 0.00	45.37 2.65 0.00	48.04 3.02 0.00	53.67 2.82 -11.77	43.03 2.45 -6.08	40.79 2.31 -6.84	35.76 1.67 -9.52
EAST_PULASKI___ESR 323781	29.37 -0.29 -0.20	21.44 -0.23 -0.86	20.37 -0.20 -0.84	16.70 -0.17 -1.05	16.81 -0.17 -1.15	19.31 -0.19 -0.91	18.97 -0.20 -0.78	22.50 -0.20 -0.62	27.90 -0.39 -0.20	30.69 -0.40 -0.14	29.66 -0.42 -0.23	32.10 -0.42 -0.07	32.00 -0.42 -0.16	30.30 -0.43 -0.30	32.59 -0.46 0.00	34.61 -0.56 0.00	36.70 -0.63 0.00	39.32 -0.64 0.00	42.21 -0.51 0.00	44.58 -0.45 0.00	39.65 -0.19 -0.76	34.75 -0.14 -0.39	31.96 -0.13 -0.44	25.13 -0.05 -0.61
EAST_RIVER___1 323558	34.15 2.24 -2.45	32.82 1.52 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.54	31.46 1.81 -7.58	32.89 2.33 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.00 2.94 0.00	38.41 3.23 0.00	40.73 3.40 0.00	43.56 3.60 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.62 -5.37	33.89 1.84 -7.48
EAST_RIVER___2 323559	34.00 2.09 -2.45	32.72 1.42 -10.49	31.26 1.30 -10.22	29.71 1.06 -12.83	30.96 1.06 -14.07	30.95 1.25 -11.12	29.32 1.38 -9.54	31.35 1.70 -7.58	32.78 2.22 -2.46	35.35 2.69 -1.71	35.18 2.54 -2.79	36.07 2.79 -0.82	37.00 2.81 -1.94	36.71 2.58 -3.70	35.86 2.81 0.00	38.27 3.10 0.00	40.58 3.25 0.00	43.40 3.44 0.00	46.14 3.42 0.00	48.49 3.47 0.00	51.42 3.09 -9.24	41.89 2.62 -4.78	39.48 2.47 -5.37	33.74 1.69 -7.48
EAST___DELAWARE_HYD 23607	33.51 1.77 -2.28	31.76 1.19 -9.76	30.39 1.14 -9.50	28.67 0.92 -11.93	29.82 0.90 -13.09	29.99 1.06 -10.34	28.37 1.10 -8.88	30.43 1.30 -7.05	32.10 1.71 -2.29	34.55 2.01 -1.59	34.36 1.91 -2.60	35.36 2.14 -0.76	36.22 2.16 -1.80	35.87 2.01 -3.44	35.27 2.21 0.00	37.60 2.43 0.00	39.87 2.54 0.00	42.68 2.72 0.00	45.63 2.91 0.00	48.00 2.97 0.00	50.50 2.82 -8.60	41.25 2.31 -4.44	38.85 2.21 -5.00	33.05 1.52 -6.96
EIGHT_POINT___WT_PWR 323820	63.79 -1.41 -35.74	35.96 -1.10 -16.25	40.25 -1.07 -21.58	27.38 -0.97 -12.52	28.37 -1.09 -13.63	39.28 -1.25 -21.93	23.36 -1.42 -6.39	44.60 -1.81 -24.33	51.81 -2.87 -26.58	53.02 -3.19 -25.26	53.69 -3.11 -26.94	57.08 -3.51 -28.12	57.43 -3.45 -28.63	56.22 -3.07 -28.86	58.20 -3.31 -28.45	53.63 -3.24 -21.69	62.12 -3.40 -28.18	68.80 -3.44 -32.27	71.92 -3.55 -32.74	75.96 -3.74 -34.67	71.82 -2.81 -35.56	57.72 -2.48 -25.70	51.64 -2.28 -22.27	37.67 -1.74 -14.85
ELBRIDGE_115KV_TB2 80188	30.78 -0.29 -1.61	21.83 -0.21 -1.23	20.76 -0.18 -1.20	17.17 -0.16 -1.50	17.32 -0.16 -1.65	19.72 -0.17 -1.30	19.35 -0.17 -1.12	22.81 -0.15 -0.89	28.07 -0.31 -0.29	30.81 -0.34 -0.20	29.85 -0.33 -0.33	32.20 -0.36 -0.10	32.13 -0.35 -0.23	30.55 -0.30 -0.43	32.62 -0.43 0.00	34.71 -0.46 0.00	36.89 -0.45 0.00	39.52 -0.44 0.00	42.21 -0.51 0.00	44.53 -0.50 0.00	40.15 -0.27 -1.34	34.82 -0.24 -0.56	32.08 -0.19 -0.63	25.35 -0.10 -0.88
ELEC_TRO_TEK 24086	34.59 2.68 -2.45	33.07 1.77 -10.49	31.55 1.60 -10.22	29.88 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.60 1.66 -9.55	31.65 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.42 3.04 -10.53	43.67 3.31 -7.90	43.83 3.32 -8.24	45.96 3.10 -12.43	48.30 3.37 -11.87	48.24 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.30 3.28 -10.53	40.15 3.13 -5.37	34.21 2.16 -7.48
ELLENBURG_WT_PWR 323604	29.32 -0.15 0.00	20.64 -0.17 0.00	19.54 -0.20 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.38 -0.20 0.00	18.19 -0.20 0.00	21.75 -0.33 0.00	27.73 -0.37 0.00	30.55 -0.40 0.00	29.43 -0.42 0.00	31.97 -0.49 0.00	31.74 -0.52 0.00	29.88 -0.55 0.00	32.56 -0.49 0.00	34.71 -0.46 0.00	37.03 -0.30 0.00	39.52 -0.44 0.00	42.29 -0.43 0.00	44.49 -0.54 0.00	38.54 -0.55 0.00	34.02 -0.48 0.00	31.01 -0.63 0.00	24.00 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.59 -2.89 10.99	16.15 -1.96 2.71	13.44 -1.82 4.48	13.38 -1.49 0.96	13.30 -1.52 1.01	12.48 -1.73 4.38	16.90 -1.73 -0.23	14.09 -1.99 6.00	17.12 -3.03 7.94	15.09 -3.28 12.58	17.11 -3.10 9.64	18.67 -3.38 10.41	18.96 -3.32 9.98	18.97 -3.07 8.38	19.06 -3.44 10.56	18.65 -3.80 12.72	19.75 -4.07 13.51	22.18 -4.36 13.43	25.46 -4.61 12.65	26.59 -5.04 13.39	22.74 -4.18 12.16	22.18 -3.55 8.77	21.54 -2.82 7.29	18.78 -1.92 3.87
EMPIRE_CC_1 323656	33.33 1.15 -2.72	33.29 0.81 -11.67	31.89 0.79 -11.36	30.72 0.63 -14.27	32.10 0.62 -15.65	31.68 0.72 -12.37	29.73 0.74 -10.60	31.37 0.88 -8.41	31.90 1.07 -2.74	33.93 1.08 -1.90	34.02 1.07 -3.10	34.53 1.17 -0.91	35.54 1.13 -2.15	35.66 1.13 -4.11	34.28 1.22 0.00	36.47 1.30 0.00	38.60 1.27 0.00	41.36 1.40 0.00	44.26 1.54 0.00	46.69 1.67 0.00	50.84 1.48 -10.27	41.15 1.34 -5.30	38.87 1.27 -5.96	34.01 1.13 -8.31
EMPIRE_CC_2 323658	33.33 1.15 -2.72	33.29 0.81 -11.67	31.89 0.79 -11.36	30.72 0.63 -14.27	32.10 0.62 -15.65	31.68 0.72 -12.37	29.73 0.74 -10.60	31.37 0.88 -8.41	31.90 1.07 -2.74	33.93 1.08 -1.90	34.02 1.07 -3.10	34.53 1.17 -0.91	35.54 1.13 -2.15	35.66 1.13 -4.11	34.28 1.22 0.00	36.47 1.30 0.00	38.60 1.27 0.00	41.36 1.40 0.00	44.26 1.54 0.00	46.69 1.67 0.00	50.84 1.48 -10.27	41.15 1.34 -5.30	38.87 1.27 -5.96	34.01 1.13 -8.31
ENORWICH_115KV_TB1 80156	34.57 1.50 -3.61	26.51 0.96 -4.74	25.60 0.97 -4.89	22.05 0.78 -5.45	22.53 0.73 -5.97	24.71 0.87 -5.25	22.95 0.64 -3.92	26.96 0.86 -4.03	31.05 0.76 -2.20	33.77 0.90 -1.92	32.93 0.72 -2.36	35.17 1.04 -1.67	35.47 1.10 -2.11	34.23 1.03 -2.77	35.59 1.16 -1.38	37.70 1.27 -1.26	40.22 1.31 -1.58	43.25 1.52 -1.76	46.29 1.79 -1.77	48.79 1.89 -1.88	46.74 1.99 -5.66	39.31 1.62 -3.19	36.23 1.36 -3.23	29.32 1.13 -3.62
ERIE_ST__34_KV_TB1-2 80199	17.27 -2.09 10.11	17.08 -1.42 2.31	14.51 -1.28 3.95	14.11 -1.06 0.65	14.05 -1.09 0.69	13.51 -1.23 3.85	17.56 -1.21 -0.38	15.31 -1.37 5.40	18.58 -2.25 7.27	16.74 -2.38 11.83	18.70 -2.24 8.91	20.36 -2.43 9.66	20.65 -2.39 9.22	20.59 -2.19 7.65	20.77 -2.48 9.80	20.92 -2.81 11.44	22.35 -3.02 11.96	25.04 -3.20 11.73	28.35 -3.37 10.99	29.69 -3.69 11.64	25.73 -3.01 10.34	24.47 -2.55 7.47	23.54 -1.93 6.17	20.18 -1.23 3.16
ERIE_WT_PWR 323693	15.98 -2.68 10.81	16.35 -1.83 2.63	13.68 -1.68 4.37	13.57 -1.38 0.88	13.49 -1.41 0.93	12.69 -1.62 4.28	17.07 -1.60 -0.28	14.35 -1.83 5.89	17.40 -2.87 7.83	15.46 -3.06 12.43	17.45 -2.90 9.50	19.03 -3.15 10.28	19.29 -3.13 9.84	19.31 -3.17 8.25	19.45 -3.17 10.43	19.29 -3.59 12.30	20.49 -3.84 13.00	22.97 -4.12 12.88	26.28 -4.31 12.12	27.46 -4.73 12.84	23.67 -3.87 11.55	22.81 -3.35 8.34	22.10 -2.63 6.92	19.14 -1.79 3.63
ESPRGFLD_115KV_TB1 80157	30.98 1.33 -0.19	22.53 0.92 -0.81	21.39 0.87 -0.78	17.50 0.70 -0.99	17.61 0.70 -1.08	20.28 0.84 -0.85	19.92 0.79 -0.73	23.63 0.97 -0.58	29.30 1.01 -0.19	32.20 1.11 -0.13	31.05 0.99 -0.22	33.76 1.23 -0.06	33.73 1.32 -0.15	31.93 1.22 -0.29	34.48 1.42 0.00	36.75 1.58 0.00	38.90 1.57 0.00	41.76 1.80 0.00	44.73 2.01 0.00	47.19 2.16 0.00	41.92 2.11 -0.72	36.63 1.76 -0.37	33.74 1.68 -0.42	26.41 1.25 -0.58
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.97 0.41 -5.10	24.88 0.29 -3.77	24.19 0.30 -4.16	20.02 0.21 -4.00	20.41 0.21 -4.38	23.26 0.28 -4.40	21.36 0.24 -2.73	26.19 0.33 -3.79	31.12 0.22 -2.80	33.84 0.25 -2.64	33.01 0.21 -2.95	35.28 0.23 -2.59	35.37 0.23 -2.88	33.94 0.24 -3.28	35.68 0.20 -2.43	37.65 0.28 -2.20	40.45 0.37 -2.75	43.55 0.52 -3.07	46.40 0.60 -3.08	48.92 0.63 -3.27	45.73 0.82 -5.83	38.69 0.69 -3.51	35.59 0.63 -3.32	28.21 0.54 -3.10
ETNA____115KV_TB2 80207	34.97 0.41 -5.10	24.88 0.29 -3.77	24.19 0.30 -4.16	20.02 0.21 -4.00	20.41 0.21 -4.38	23.26 0.28 -4.40	21.36 0.24 -2.73	26.19 0.33 -3.79	31.12 0.22 -2.80	33.84 0.25 -2.64	33.01 0.21 -2.95	35.28 0.23 -2.59	35.37 0.23 -2.88	33.94 0.24 -3.28	35.68 0.20 -2.43	37.65 0.28 -2.20	40.45 0.37 -2.75	43.55 0.52 -3.07	46.40 0.60 -3.08	48.92 0.63 -3.27	45.73 0.82 -5.83	38.69 0.69 -3.51	35.59 0.63 -3.32	28.21 0.54 -3.10
EUCLID__115KV_TB2 356179	29.22 -0.47 -0.23	21.48 -0.31 -0.98	20.41 -0.28 -0.95	16.78 -0.24 -1.19	16.90 -0.24 -1.31	19.36 -0.26 -1.04	19.03 -0.26 -0.89	22.50 -0.29 -0.71	27.87 -0.45 -0.23	30.62 -0.50 -0.16	29.63 -0.48 -0.26	32.02 -0.52 -0.08	31.95 -0.48 -0.18	30.31 -0.46 -0.34	32.49 -0.56 0.00	34.54 -0.63 0.00	36.66 -0.67 0.00	39.28 -0.68 0.00	41.99 -0.73 0.00	44.26 -0.77 0.00	39.44 -0.51 -0.86	34.50 -0.45 -0.44	31.76 -0.38 -0.50	25.02 -0.25 -0.70
E_CANADA_CAP_HY 24051	34.32 1.62 -3.24	35.80 1.10 -13.89	34.31 1.05 -13.53	33.64 0.84 -16.98	35.31 0.85 -18.63	34.31 1.00 -14.72	32.01 0.96 -12.66	33.25 1.13 -10.05	32.46 1.09 -3.27	34.30 1.08 -2.26	34.45 0.89 -3.70	34.58 1.04 -1.08	35.95 1.13 -2.57	36.39 1.06 -4.90	34.34 1.29 0.00	36.72 1.55 0.00	38.87 1.53 0.00	41.84 1.88 0.00	44.90 2.18 0.00	47.46 2.43 0.00	53.65 2.31 -12.26	42.83 2.00 -6.33	40.73 1.96 -7.12	35.92 1.42 -9.92
E_CANADA_MHWK_HY 24050	29.35 -0.12 0.00	20.69 -0.12 0.00	19.58 -0.16 0.00	15.66 -0.16 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.08 -0.31 0.00	21.75 -0.33 0.00	27.64 -0.45 0.00	30.46 -0.50 0.00	29.31 -0.54 0.00	31.84 -0.62 0.00	31.64 -0.61 0.00	29.82 -0.61 0.00	32.43 -0.63 0.00	34.29 -0.88 0.00	36.25 -1.08 0.00	38.72 -1.24 0.00	41.40 -1.32 0.00	43.58 -1.44 0.00	37.87 -1.21 0.00	33.36 -1.14 0.00	30.76 -0.89 0.00	23.91 -0.66 0.00
E_FISHKILL__LBMP 23776	33.81 1.86 -2.49	32.74 1.27 -10.66	31.32 1.20 -10.38	29.82 0.97 -13.03	31.09 0.97 -14.29	31.01 1.13 -11.29	29.31 1.21 -9.70	31.26 1.48 -7.70	32.51 1.91 -2.50	34.95 2.26 -1.73	34.84 2.15 -2.84	35.66 2.37 -0.83	36.61 2.39 -1.97	36.40 2.22 -3.76	35.50 2.45 0.00	37.81 2.64 0.00	40.06 2.73 0.00	42.88 2.92 0.00	45.71 2.99 0.00	48.09 3.06 0.00	51.21 2.74 -9.39	41.69 2.35 -4.85	39.31 2.21 -5.45	33.72 1.55 -7.60
FALCON__SEABRD_CC1 323796	29.99 0.53 0.00	21.08 0.27 0.00	19.91 0.18 0.00	16.01 0.19 0.00	16.03 0.21 0.00	18.79 0.20 0.00	18.58 0.18 0.00	22.19 0.11 0.00	28.29 0.20 0.00	31.14 0.19 0.00	30.03 0.18 0.00	32.62 0.16 0.00	32.39 0.13 0.00	30.45 0.03 0.00	33.22 0.17 0.00	35.45 0.28 0.00	37.89 0.56 0.00	39.96 0.00 0.00	42.76 0.04 0.00	44.98 -0.04 0.00	38.97 -0.12 0.00	34.40 -0.10 0.00	31.36 -0.29 0.00	24.27 -0.29 0.00
FALCON__SEABRD_CC2 323797	29.99 0.53 0.00	21.08 0.27 0.00	19.91 0.18 0.00	16.01 0.19 0.00	16.03 0.21 0.00	18.79 0.20 0.00	18.58 0.18 0.00	22.19 0.11 0.00	28.29 0.20 0.00	31.14 0.19 0.00	30.03 0.18 0.00	32.62 0.16 0.00	32.39 0.13 0.00	30.45 0.03 0.00	33.22 0.17 0.00	35.45 0.28 0.00	37.89 0.56 0.00	39.96 0.00 0.00	42.76 0.04 0.00	44.98 -0.04 0.00	38.97 -0.12 0.00	34.40 -0.10 0.00	31.36 -0.29 0.00	24.27 -0.29 0.00

FAR ROCKAWAY___4 23548	34.83 2.92 -2.45	33.22 1.91 -10.49	31.69 1.74 -10.22	30.00 1.34 -12.83	31.31 1.41 -14.07	31.29 1.58 -11.12	29.71 1.77 -9.55	31.78 2.12 -7.58	33.37 2.81 -2.46	36.10 3.44 -1.71	43.66 3.28 -10.53	43.93 3.57 -7.90	44.12 3.61 -8.24	46.23 3.38 -12.43	48.63 3.70 -11.87	48.60 3.97 -9.45	49.53 4.18 -8.02	49.52 4.44 -5.12	49.79 4.53 -2.54	49.85 4.68 -0.15	52.39 4.06 -9.24	48.61 3.59 -10.53	40.43 3.42 -5.37	34.41 2.36 -7.48
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.15 2.24 -2.45	32.82 1.52 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.07 1.17 -14.07	31.06 1.36 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.51 2.85 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.16 2.97 -1.94	36.86 2.74 -3.70	36.06 3.01 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.67 2.66 -5.37	33.92 1.87 -7.48
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.15 2.24 -2.45	32.84 1.54 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.07 1.17 -14.07	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.51 2.85 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.16 2.97 -1.94	36.86 2.74 -3.70	36.06 3.01 0.00	38.41 3.24 0.00	40.77 3.43 0.00	43.60 3.64 0.00	46.39 3.67 0.00	48.76 3.74 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.67 2.66 -5.37	33.92 1.87 -7.48
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.15 2.24 -2.45	32.82 1.52 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48
FARRAGUT___LBMP 323566	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.72 3.69 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48
FARRCKWY_69_KV_BK2 55825	34.83 2.92 -2.45	33.22 1.91 -10.49	31.69 1.74 -10.22	30.00 1.34 -12.83	31.31 1.41 -14.07	31.29 1.58 -11.12	29.71 1.77 -9.55	31.78 2.12 -7.58	33.37 2.81 -2.46	36.10 3.44 -1.71	43.66 3.28 -10.53	43.93 3.57 -7.90	44.12 3.61 -8.24	46.23 3.38 -12.43	48.63 3.70 -11.87	48.60 3.97 -9.45	49.53 4.18 -8.02	49.52 4.44 -5.12	49.79 4.53 -2.54	49.85 4.68 -0.15	52.39 4.06 -9.24	48.61 3.59 -10.53	40.43 3.42 -5.37	34.41 2.36 -7.48
FENNER___WINDPWR 24204	30.81 0.41 -0.93	22.49 0.27 -1.40	21.38 0.28 -1.37	17.74 0.21 -1.72	17.92 0.21 -1.88	20.32 0.24 -1.49	19.89 0.22 -1.28	23.40 0.31 -1.01	28.68 0.25 -0.33	31.49 0.31 -0.23	30.49 0.27 -0.37	32.96 0.39 -0.11	32.91 0.39 -0.26	31.28 0.37 -0.49	33.48 0.43 0.00	35.60 0.42 0.00	37.78 0.45 0.00	40.44 0.48 0.00	43.36 0.64 0.00	45.74 0.72 0.00	41.25 0.82 -1.35	35.83 0.69 -0.64	32.96 0.60 -0.72	26.09 0.52 -1.00
FIBERTEK___ENERGY 23856	30.57 -0.15 -1.26	21.89 -0.08 -1.16	20.81 -0.06 -1.13	17.18 -0.06 -1.42	17.33 -0.06 -1.56	19.77 -0.06 -1.23	19.40 -0.06 -1.06	22.87 -0.04 -0.84	28.23 -0.14 -0.27	30.99 -0.15 -0.19	30.04 -0.12 -0.31	32.42 -0.13 -0.09	32.34 -0.13 -0.21	30.74 -0.09 -0.41	32.86 -0.20 0.00	34.96 -0.21 0.00	37.11 -0.22 0.00	39.76 -0.20 0.00	42.46 -0.26 0.00	44.80 -0.23 0.00	40.26 -0.04 -1.21	34.99 -0.03 -0.53	32.24 0.00 -0.60	25.45 0.05 -0.83
FITZPATRICK___ 23598	28.80 -0.82 -0.16	20.95 -0.56 -0.69	19.90 -0.51 -0.68	16.26 -0.41 -0.85	16.33 -0.43 -0.93	18.84 -0.48 -0.74	18.55 -0.48 -0.63	22.03 -0.55 -0.50	27.47 -0.79 -0.16	30.20 -0.87 -0.11	29.20 -0.84 -0.18	31.61 -0.91 -0.05	31.48 -0.90 -0.13	29.82 -0.85 -0.24	32.09 -0.96 0.00	34.08 -1.09 0.00	36.18 -1.16 0.00	38.77 -1.20 0.00	41.44 -1.28 0.00	43.72 -1.31 0.00	38.68 -1.02 -0.61	33.89 -0.93 -0.32	31.21 -0.79 -0.36	24.50 -0.56 -0.50
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.02 2.09 -2.46	32.79 1.44 -10.55	31.37 1.36 -10.27	29.81 1.09 -12.89	31.05 1.08 -14.15	31.05 1.28 -11.18	29.32 1.32 -9.60	31.29 1.59 -7.62	32.65 2.08 -2.48	35.08 2.41 -1.72	35.02 2.36 -2.81	35.88 2.60 -0.82	36.82 2.61 -1.95	36.57 2.43 -3.72	35.73 2.68 0.00	38.06 2.88 0.00	40.36 3.02 0.00	43.20 3.24 0.00	46.09 3.37 0.00	48.49 3.47 0.00	51.54 3.17 -9.29	41.96 2.66 -4.80	39.57 2.53 -5.40	33.86 1.77 -7.52
FORT ORANGE___ 23900	33.34 1.09 -2.79	33.53 0.77 -11.95	32.10 0.73 -11.64	31.02 0.59 -14.61	32.44 0.59 -16.03	31.94 0.69 -12.66	29.88 0.61 -10.88	31.44 0.73 -8.64	33.77 0.84 -2.81	33.90 0.87 -1.95	34.30 0.91 -3.18	35.37 0.90 -0.93	35.49 0.85 -2.21	34.05 0.99 -4.22	36.30 1.13 0.00	38.42 1.08 0.00	41.24 1.28 0.00	44.05 1.33 0.00	46.51 1.48 0.00	50.91 1.29 -10.54	41.15 1.21 -5.45	38.90 1.14 -6.12	33.98 0.88 -8.53	
FORT_DRUM_COGEN 23780	29.90 0.29 -0.15	21.46 0.02 -0.63	20.39 0.04 -0.61	16.64 0.05 -0.77	16.70 0.03 -0.84	19.25 0.00 -0.66	18.87 -0.09 -0.57	22.48 -0.04 -0.45	27.93 -0.31 -0.15	30.81 -0.25 -0.10	29.66 -0.36 -0.17	32.28 -0.23 -0.05	32.15 -0.23 -0.12	30.31 -0.33 -0.22	32.86 -0.20 0.00	34.96 -0.21 0.00	37.18 -0.15 0.00	39.80 -0.16 0.00	43.28 0.56 0.00	45.75 0.72 0.00	40.61 0.98 -0.55	35.58 0.79 -0.29	32.53 0.57 -0.32	25.56 0.54 -0.45
FOX_HILLS___ESR 323835	34.39 2.48 -2.46	32.99 1.68 -10.50	31.52 1.56 -10.23	29.92 1.27 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.48 1.55 -9.54	31.55 1.90 -7.58	32.97 2.42 -2.46	35.60 2.94 -1.71	35.42 2.78 -2.79	36.30 3.02 -0.82	37.26 3.07 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.58 3.41 0.00	40.95 3.62 0.00	43.84 3.88 0.00	46.61 3.89 0.00	48.99 3.96 0.00	51.85 3.52 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
FPL FAR_ROCK_GT1 24212	34.84 2.92 -2.46	33.22 1.91 -10.49	31.69 1.74 -10.22	29.99 1.34 -12.83	31.31 1.41 -14.07	31.28 1.58 -11.12	29.70 1.77 -9.54	31.77 2.12 -7.58	33.37 2.81 -2.46	36.10 3.44 -1.71	43.66 3.28 -10.53	43.93 3.57 -7.90	44.12 3.61 -8.24	46.23 3.38 -12.43	48.60 3.67 -11.87	48.60 3.97 -9.45	49.53 4.18 -8.02	49.52 4.44 -5.12	49.78 4.53 -2.54	49.85 4.68 -0.15	52.39 4.06 -9.24	48.61 3.59 -10.53	40.44 3.42 -5.38	34.41 2.36 -7.48
FPL FAR_ROCK_GT2 23815	34.84 2.92 -2.46	33.22 1.91 -10.49	31.69 1.74 -10.22	29.99 1.34 -12.83	31.31 1.41 -14.07	31.28 1.58 -11.12	29.70 1.77 -9.54	31.77 2.12 -7.58	33.37 2.81 -2.46	36.10 3.44 -1.71	43.66 3.28 -10.53	43.93 3.57 -7.90	44.12 3.61 -8.24	46.23 3.38 -12.43	48.60 3.67 -11.87	48.60 3.97 -9.45	49.53 4.18 -8.02	49.52 4.44 -5.12	49.78 4.53 -2.54	49.85 4.68 -0.15	52.39 4.06 -9.24	48.61 3.59 -10.53	40.44 3.42 -5.38	34.41 2.36 -7.48

FRANKLIN_FALL_HYD 24054	29.49 0.03 0.00	20.73 -0.08 0.00	19.58 -0.16 0.00	15.74 -0.08 0.00	15.77 -0.06 0.00	18.49 -0.09 0.00	18.26 -0.13 0.00	21.83 -0.24 0.00	27.81 -0.28 0.00	30.64 -0.31 0.00	29.52 -0.33 0.00	32.07 -0.39 0.00	31.81 -0.45 0.00	29.94 -0.49 0.00	32.69 -0.36 0.00	34.89 -0.28 0.00	37.30 -0.04 0.00	39.84 -0.12 0.00	42.68 -0.04 0.00	44.89 -0.14 0.00	38.93 -0.16 0.00	34.33 -0.17 0.00	31.26 -0.38 0.00	24.20 -0.37 0.00
FREEPORT_EQUS_GT1 23764	34.81 2.89 -2.46	33.18 1.87 -10.49	31.65 1.70 -10.22	29.95 1.30 -12.83	31.28 1.38 -14.07	31.25 1.54 -11.12	29.69 1.75 -9.54	31.75 2.10 -7.58	33.31 2.75 -2.46	36.07 3.40 -1.71	43.60 3.22 -10.53	43.86 3.51 -7.90	44.02 3.52 -8.24	46.14 3.29 -12.43	48.50 3.57 -11.87	48.49 3.87 -9.45	49.42 4.07 -8.02	49.44 4.36 -5.12	49.70 4.44 -2.54	49.77 4.59 -0.15	52.27 3.95 -9.24	48.55 3.52 -10.53	40.37 3.35 -5.38	34.36 2.31 -7.48
FREEPORT___CT2 23818	34.81 2.89 -2.46	33.18 1.87 -10.49	31.65 1.70 -10.22	29.95 1.30 -12.83	31.28 1.38 -14.07	31.25 1.54 -11.12	29.69 1.75 -9.54	31.75 2.10 -7.58	33.31 2.75 -2.46	36.07 3.40 -1.71	43.60 3.22 -10.53	43.86 3.51 -7.90	44.02 3.52 -8.24	46.14 3.29 -12.43	48.50 3.57 -11.87	48.49 3.87 -9.45	49.42 4.07 -8.02	49.44 4.36 -5.12	49.70 4.44 -2.54	49.77 4.59 -0.15	52.27 3.95 -9.24	48.55 3.52 -10.53	40.37 3.35 -5.38	34.36 2.31 -7.48
FRESHKLS_33_KV_LOAD 356253	34.48 2.56 -2.46	33.04 1.73 -10.50	31.58 1.62 -10.23	29.97 1.31 -12.83	31.21 1.30 -14.08	31.19 1.49 -11.12	29.52 1.58 -9.54	31.60 1.94 -7.58	33.03 2.47 -2.46	35.66 3.00 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.20 3.14 0.00	38.62 3.45 0.00	41.03 3.70 0.00	43.96 4.00 0.00	46.73 4.01 0.00	49.12 4.10 0.00	51.96 3.64 -9.24	42.41 3.14 -4.78	39.99 2.97 -5.37	34.16 2.11 -7.48
FULTON COGEN____ 23766	29.06 -0.62 -0.21	21.31 -0.42 -0.92	20.26 -0.37 -0.89	16.63 -0.32 -1.12	16.74 -0.32 -1.23	19.21 -0.35 -0.97	18.86 -0.37 -0.84	22.34 -0.40 -0.66	27.72 -0.59 -0.22	30.45 -0.65 -0.15	29.47 -0.63 -0.24	31.85 -0.68 -0.07	31.75 -0.68 -0.17	30.14 -0.61 -0.32	32.29 -0.76 0.00	34.33 -0.84 0.00	36.48 -0.86 0.00	39.04 -0.92 0.00	41.74 -0.98 0.00	44.04 -0.99 0.00	39.19 -0.70 -0.81	34.30 -0.62 -0.42	31.58 -0.54 -0.47	24.86 -0.37 -0.66
FULTON___LFGE 323630	34.25 1.71 -3.08	35.17 1.16 -13.19	33.67 1.08 -12.85	32.84 0.89 -16.13	34.42 0.90 -17.69	33.62 1.06 -13.98	31.41 0.99 -12.03	32.77 1.15 -9.55	32.32 1.12 -3.11	34.22 1.11 -2.15	34.30 0.93 -3.52	34.50 1.01 -1.03	35.76 1.06 -2.44	36.08 1.00 -4.66	34.28 1.22 0.00	36.72 1.55 0.00	38.94 1.60 0.00	41.92 1.96 0.00	45.03 2.31 0.00	47.64 2.61 0.00	53.16 2.42 -11.65	42.66 2.14 -6.02	40.44 2.03 -6.77	35.47 1.47 -9.43
G.F.CEMENT___DRP 24184	34.28 1.94 -2.87	34.45 1.33 -12.31	32.99 1.26 -11.99	31.88 1.01 -15.05	33.38 1.04 -16.51	32.84 1.21 -13.04	30.76 1.16 -11.20	32.36 1.39 -8.90	32.57 1.57 -2.90	34.70 1.73 -2.01	34.63 1.49 -3.29	34.98 1.56 -0.96	35.99 1.45 -2.28	35.99 1.22 -4.35	34.51 1.45 0.00	36.79 1.62 0.00	39.24 1.90 0.00	42.16 2.20 0.00	45.45 2.73 0.00	48.04 3.02 0.00	52.70 2.74 -10.88	42.57 2.45 -5.62	40.18 2.21 -6.32	35.02 1.65 -8.81
GARDENVILLE___LBMP 24039	14.98 -2.74 11.74	15.92 -1.85 3.04	13.07 -1.72 4.95	13.24 -1.41 1.17	13.14 -1.44 1.25	12.08 -1.65 4.86	16.88 -1.66 -0.15	13.64 -1.88 6.56	16.57 -2.92 8.60	14.66 -3.13 13.17	16.58 -2.99 10.29	18.10 -3.25 11.11	18.38 -3.19 10.68	18.39 -2.95 9.09	18.47 -3.31 11.28	18.10 -3.66 13.42	18.99 -3.92 14.42	21.33 -4.16 14.48	24.59 -4.40 13.73	25.67 -4.82 14.54	21.91 -3.95 13.23	21.56 -3.38 9.56	20.99 -2.69 7.96	18.46 -1.82 4.29
GARDNVLA_35_KV_LD 355827	16.32 -2.68 10.46	16.53 -1.81 2.47	13.90 -1.68 4.16	13.67 -1.38 0.77	13.61 -1.41 0.81	12.91 -1.62 4.06	17.14 -1.58 -0.32	14.60 -1.83 5.64	17.72 -2.84 7.54	15.76 -3.03 12.16	17.74 -2.90 9.21	19.34 -3.15 9.97	19.66 -3.06 9.53	19.65 -2.83 7.94	19.73 -3.21 10.12	19.74 -3.55 11.88	21.06 -3.81 12.47	23.61 -4.08 12.28	26.88 -4.31 11.53	28.14 -4.68 12.21	24.29 -3.87 10.92	23.30 -3.31 7.89	22.49 -2.63 6.53	19.41 -1.77 3.39
GELCKHM___115KV_LOAD 80723	29.90 -0.35 -0.79	21.63 -0.23 -1.04	20.56 -0.20 -1.02	16.93 -0.17 -1.28	17.06 -0.17 -1.40	19.51 -0.19 -1.11	19.16 -0.18 -0.95	22.63 -0.20 -0.75	28.00 -0.34 -0.25	30.75 -0.37 -0.17	29.77 -0.36 -0.28	32.15 -0.39 -0.08	32.06 -0.39 -0.19	30.46 -0.33 -0.37	32.62 -0.43 0.00	34.68 -0.49 0.00	36.81 -0.52 0.00	39.44 -0.52 0.00	42.16 -0.56 0.00	44.44 -0.59 0.00	39.76 -0.35 -1.02	34.66 -0.31 -0.48	31.92 -0.25 -0.53	25.19 -0.12 -0.75
GENERAL___MILLS 23808	15.98 -2.68 10.81	16.38 -1.81 2.63	13.68 -1.68 4.37	13.57 -1.38 0.88	13.49 -1.41 0.93	12.69 -1.62 4.28	17.07 -1.60 -0.28	14.35 -1.83 5.89	17.40 -2.87 7.83	15.46 -3.06 12.43	17.45 -2.90 9.50	19.03 -3.15 10.28	19.32 -3.10 9.84	19.31 -2.86 8.25	19.42 -3.21 10.43	19.29 -3.59 12.29	20.49 -3.85 13.00	23.01 -4.08 12.87	26.28 -4.31 12.12	27.46 -4.73 12.84	23.67 -3.87 11.55	22.85 -3.31 8.34	22.10 -2.63 6.92	19.17 -1.77 3.63
GE_PLASTICS___DRP 24183	33.22 0.97 -2.78	33.41 0.69 -11.92	31.99 0.65 -11.61	30.91 0.52 -14.57	32.34 0.52 -15.98	31.83 0.61 -12.63	29.81 0.57 -10.85	31.37 0.68 -8.61	31.71 0.81 -2.80	33.79 0.90 -1.94	33.89 0.87 -3.17	34.33 0.94 -0.93	35.40 0.94 -2.20	35.54 0.91 -4.20	34.11 1.06 0.00	36.26 1.09 0.00	38.42 1.08 0.00	41.16 1.20 0.00	43.96 1.24 0.00	46.38 1.35 0.00	50.81 1.21 -10.51	41.03 1.10 -5.43	38.79 1.04 -6.11	33.89 0.81 -8.51
GILBOA___1 23756	32.80 1.06 -2.28	31.37 0.81 -9.75	30.00 0.77 -9.49	28.36 0.62 -11.92	29.52 0.62 -13.08	29.64 0.72 -10.33	27.94 0.68 -8.87	29.96 0.84 -7.04	31.42 1.04 -2.29	33.72 1.18 -1.59	33.58 1.13 -2.60	34.48 1.26 -0.76	35.31 1.26 -1.80	35.05 1.19 -3.44	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.52 1.56 0.00	44.34 1.62 0.00	46.74 1.71 0.00	49.24 1.56 -8.59	40.28 1.34 -4.44	37.90 1.27 -4.99	32.46 0.93 -6.95
GILBOA___2 23757	32.80 1.06 -2.28	31.37 0.81 -9.75	30.00 0.77 -9.49	28.36 0.62 -11.92	29.52 0.62 -13.08	29.64 0.72 -10.33	27.94 0.68 -8.87	29.96 0.84 -7.04	31.42 1.04 -2.29	33.72 1.18 -1.59	33.58 1.13 -2.60	34.48 1.26 -0.76	35.31 1.26 -1.80	35.05 1.19 -3.44	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.52 1.56 0.00	44.34 1.62 0.00	46.74 1.71 0.00	49.24 1.56 -8.59	40.28 1.34 -4.44	37.90 1.27 -4.99	32.46 0.93 -6.95
GILBOA___3 23758	32.80 1.06 -2.28	31.37 0.81 -9.75	30.00 0.77 -9.49	28.36 0.62 -11.92	29.52 0.62 -13.08	29.64 0.72 -10.33	27.94 0.68 -8.87	29.96 0.84 -7.04	31.42 1.04 -2.29	33.72 1.18 -1.59	33.58 1.13 -2.60	34.48 1.26 -0.76	35.31 1.26 -1.80	35.05 1.19 -3.44	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.52 1.56 0.00	44.34 1.62 0.00	46.74 1.71 0.00	49.24 1.56 -8.59	40.28 1.34 -4.44	37.90 1.27 -4.99	32.46 0.93 -6.95

GILBOA___4 23759	32.80 1.06 -2.28	31.37 0.81 -9.75	30.00 0.77 -9.49	28.36 0.62 -11.92	29.52 0.62 -13.08	29.64 0.72 -10.33	27.94 0.68 -8.87	29.96 0.84 -7.04	31.42 1.04 -2.29	33.72 1.18 -1.59	33.58 1.13 -2.60	34.48 1.26 -0.76	35.31 1.26 -1.80	35.05 1.19 -3.44	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.52 1.56 0.00	44.34 1.62 0.00	46.74 1.71 0.00	49.24 1.56 -8.59	40.28 1.34 -4.44	37.90 1.27 -4.99	32.46 0.93 -6.95
GILBOA____ 23599	32.80 1.06 -2.28	31.37 0.81 -9.75	30.00 0.77 -9.49	28.36 0.62 -11.92	29.52 0.62 -13.08	29.64 0.72 -10.33	27.95 0.68 -8.87	29.96 0.84 -7.05	31.42 1.04 -2.29	33.72 1.18 -1.59	33.58 1.13 -2.60	34.49 1.27 -0.76	35.32 1.26 -1.80	35.05 1.19 -3.44	34.38 1.32 0.00	36.58 1.41 0.00	38.79 1.46 0.00	41.52 1.56 0.00	44.34 1.62 0.00	46.74 1.71 0.00	49.24 1.56 -8.59	40.28 1.35 -4.44	37.90 1.27 -4.99	32.46 0.93 -6.95
GINNA____ 23603	23.37 -2.68 3.41	20.16 -1.93 -1.29	19.19 -1.80 -1.25	15.95 -1.44 -1.57	16.08 -1.47 -1.72	18.28 -1.67 -1.36	17.98 -1.58 -1.17	21.17 -1.83 -0.93	25.89 -2.50 -0.30	29.23 -2.69 -0.97	27.82 -2.63 -0.60	29.98 -2.82 -0.35	29.88 -2.81 -0.43	28.29 -2.59 -0.45	30.47 -2.81 -0.22	32.80 -3.03 -0.65	34.47 -3.25 -0.39	36.62 -3.48 -0.14	38.96 -3.76 0.00	40.97 -4.05 0.00	36.06 -3.36 -0.34	32.12 -2.97 -0.59	29.68 -2.63 -0.66	23.50 -1.99 -0.92
GLEN PARK____ 23778	29.94 0.32 -0.15	21.50 0.04 -0.64	20.44 0.08 -0.63	16.69 0.08 -0.79	16.74 0.05 -0.86	19.31 0.04 -0.68	18.92 -0.06 -0.59	22.54 0.00 -0.47	27.96 -0.28 -0.15	30.87 -0.18 -0.10	29.69 -0.33 -0.17	32.35 -0.16 -0.05	32.25 -0.13 -0.12	30.38 -0.27 -0.23	32.96 -0.10 0.00	35.07 -0.11 0.00	37.26 -0.07 0.00	39.88 -0.08 0.00	43.36 0.64 0.00	45.88 0.85 0.00	40.74 1.09 -0.57	35.69 0.90 -0.29	32.60 0.63 -0.33	25.62 0.59 -0.46
GLENDALE_27_KV_LOAD 356172	34.37 2.45 -2.46	32.97 1.66 -10.50	31.54 1.58 -10.23	29.92 1.27 -12.83	31.18 1.27 -14.08	31.17 1.47 -11.12	29.53 1.58 -9.55	31.60 1.94 -7.58	33.06 2.50 -2.46	35.66 3.00 -1.71	35.51 2.87 -2.79	36.39 3.12 -0.82	37.36 3.16 -1.94	37.04 2.92 -3.70	36.23 3.17 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.85 3.52 -9.24	42.31 3.04 -4.78	39.86 2.85 -5.37	34.06 2.01 -7.48
GLENWOOD_IC_1_G5 23712	34.48 2.56 -2.45	33.01 1.71 -10.49	31.51 1.56 -10.22	29.87 1.22 -12.83	31.17 1.27 -14.07	31.16 1.45 -11.12	29.54 1.60 -9.55	31.60 1.94 -7.58	33.11 2.56 -2.46	35.76 3.10 -1.71	43.36 2.99 -10.53	43.60 3.25 -7.90	43.79 3.29 -8.24	45.90 3.04 -12.43	48.27 3.34 -11.87	48.21 3.59 -9.45	49.12 3.77 -8.02	49.08 4.00 -5.12	49.32 4.06 -2.54	49.36 4.19 -0.15	51.96 3.63 -9.24	48.23 3.21 -10.53	40.02 3.01 -5.37	34.14 2.09 -7.48
GLENWOOD_IC_2_G1 23688	34.34 2.42 -2.46	32.93 1.62 -10.49	31.45 1.50 -10.22	29.84 1.19 -12.83	31.10 1.20 -14.07	31.10 1.39 -11.12	29.48 1.55 -9.54	31.53 1.88 -7.58	33.00 2.44 -2.46	35.60 2.94 -1.71	43.18 2.81 -10.53	43.44 3.09 -7.90	43.60 3.10 -8.24	45.74 2.89 -12.43	48.07 3.14 -11.87	48.03 3.41 -9.45	48.94 3.58 -8.02	48.88 3.80 -5.12	49.10 3.85 -2.54	49.09 3.92 -0.15	51.77 3.44 -9.24	48.06 3.04 -10.53	39.87 2.85 -5.38	34.02 1.97 -7.48
GLENWOOD_IC_3_G1 23689	34.34 2.42 -2.46	32.93 1.62 -10.49	31.45 1.50 -10.22	29.84 1.19 -12.83	31.10 1.20 -14.07	31.10 1.39 -11.12	29.48 1.55 -9.54	31.53 1.88 -7.58	33.00 2.44 -2.46	35.60 2.94 -1.71	43.18 2.81 -10.53	43.44 3.09 -7.90	43.60 3.10 -8.24	45.74 2.89 -12.43	48.07 3.14 -11.87	48.03 3.41 -9.45	48.94 3.58 -8.02	48.88 3.80 -5.12	49.10 3.85 -2.54	49.09 3.92 -0.15	51.77 3.44 -9.24	48.06 3.04 -10.53	39.87 2.85 -5.38	34.02 1.97 -7.48
GLENWOOD___4 23550	34.48 2.56 -2.45	33.01 1.71 -10.49	31.51 1.56 -10.22	29.87 1.22 -12.83	31.17 1.27 -14.07	31.16 1.45 -11.12	29.54 1.60 -9.55	31.60 1.94 -7.58	33.11 2.56 -2.46	35.76 3.10 -1.71	43.36 2.99 -10.53	43.60 3.25 -7.90	43.79 3.29 -8.24	45.90 3.04 -12.43	48.27 3.34 -11.87	48.21 3.59 -9.45	49.12 3.77 -8.02	49.08 4.00 -5.12	49.32 4.06 -2.54	49.36 4.19 -0.15	51.96 3.63 -9.24	48.23 3.21 -10.53	40.02 3.01 -5.37	34.14 2.09 -7.48
GLENWOOD___5 23614	34.48 2.56 -2.45	33.01 1.71 -10.49	31.51 1.56 -10.22	29.87 1.22 -12.83	31.17 1.27 -14.07	31.16 1.45 -11.12	29.54 1.60 -9.55	31.60 1.94 -7.58	33.11 2.56 -2.46	35.76 3.10 -1.71	43.36 2.99 -10.53	43.60 3.25 -7.90	43.79 3.29 -8.24	45.90 3.04 -12.43	48.27 3.34 -11.87	48.21 3.59 -9.45	49.12 3.77 -8.02	49.08 4.00 -5.12	49.32 4.06 -2.54	49.36 4.19 -0.15	51.96 3.63 -9.24	48.23 3.21 -10.53	40.02 3.01 -5.37	34.14 2.09 -7.48
GLOBAL GREEN_PORT_GT1 23814	35.45 3.53 -2.46	33.65 2.35 -10.49	32.07 2.11 -10.22	30.25 1.60 -12.83	31.63 1.73 -14.07	31.56 1.86 -11.12	30.00 2.06 -9.54	32.08 2.43 -7.58	33.70 3.15 -2.46	36.50 3.84 -1.71	43.84 3.46 -10.53	44.02 3.67 -7.90	44.05 3.55 -8.24	46.14 3.29 -12.43	48.56 3.64 -11.87	48.70 4.08 -9.45	49.75 4.40 -8.02	49.80 4.71 -5.12	50.04 4.78 -2.54	49.99 4.82 -0.15	52.04 3.71 -9.24	48.34 3.31 -10.53	40.25 3.23 -5.38	34.16 2.11 -7.48
GLOBE___DSASP 323697	16.91 -3.54 9.02	16.58 -2.39 1.84	14.26 -2.23 3.25	13.64 -1.79 0.40	13.60 -1.82 0.41	13.36 -2.08 3.14	16.82 -2.02 -0.45	15.18 -2.38 4.51	18.34 -3.57 6.19	15.90 -3.90 11.15	18.20 -3.70 7.95	19.86 -3.99 8.60	20.18 -3.94 8.14	20.27 -3.65 6.50	20.29 -4.07 8.70	19.62 -4.50 11.05	21.30 -4.82 11.22	24.04 -5.20 10.72	27.26 -5.55 9.91	28.50 -6.03 10.49	24.64 -5.04 9.40	23.51 -4.28 6.71	22.66 -3.45 5.54	19.40 -2.36 2.81
GOETHSLN___LBMP 323567	34.06 2.15 -2.45	32.76 1.46 -10.49	31.32 1.36 -10.22	29.77 1.12 -12.83	31.01 1.11 -14.07	31.01 1.30 -11.12	29.38 1.43 -9.55	31.42 1.77 -7.58	32.83 2.28 -2.46	35.38 2.72 -1.71	35.24 2.60 -2.79	36.10 2.82 -0.82	37.03 2.84 -1.94	36.77 2.65 -3.70	35.93 2.88 0.00	38.30 3.13 0.00	40.62 3.29 0.00	43.48 3.52 0.00	46.22 3.50 0.00	48.58 3.56 0.00	51.49 3.17 -9.24	42.00 2.73 -4.78	39.54 2.53 -5.37	33.82 1.77 -7.48
GOLAH___69_KV_TB 1_2 80279	24.39 -1.89 3.19	20.31 -1.33 -0.83	19.13 -1.20 -0.59	16.14 -0.97 -1.28	16.26 -0.98 -1.41	18.19 -1.10 -0.70	18.37 -1.09 -1.07	20.99 -1.21 -0.13	25.59 -1.85 0.65	17.97 -2.01 10.97	23.78 -1.97 4.10	26.08 -2.11 4.27	26.73 -2.10 3.43	27.94 -1.92 0.57	26.80 -2.18 4.07	23.18 -2.32 9.67	28.36 -2.54 6.43	34.02 -2.72 3.22	38.45 -2.86 1.41	40.48 -3.06 1.49	35.81 -2.46 0.81	31.95 -2.10 0.44	29.72 -1.71 0.22	23.78 -1.18 -0.39
GOODYEAR_LAKE_HYD 323669	31.94 1.15 -1.33	25.45 0.81 -3.82	24.25 0.79 -3.72	21.13 0.63 -4.68	21.58 0.62 -5.13	23.38 0.74 -4.05	22.57 0.70 -3.48	25.75 0.91 -2.76	30.00 1.01 -0.90	32.78 1.21 -0.62	32.00 1.13 -1.02	34.15 1.40 -0.30	34.42 1.45 -0.71	33.11 1.34 -1.35	34.54 1.49 0.00	36.79 1.62 0.00	38.94 1.61 0.00	41.68 1.72 0.00	44.56 1.84 0.00	46.96 1.94 0.00	44.42 1.88 -3.46	37.83 1.59 -1.74	35.06 1.46 -1.96	28.41 1.11 -2.73

GOUDEY___7	32.65	25.22	24.24	20.88	21.36	23.41	22.10	25.77	29.96	32.01	31.75	33.73	33.98	32.93	34.07	34.88	37.28	40.17	43.11	45.39	43.17	36.66	34.01	27.64
345031	0.24	0.19	0.20	0.14	0.14	0.19	0.15	0.22	0.11	0.19	0.21	0.23	0.23	0.24	0.23	0.25	0.26	0.32	0.38	0.36	0.47	0.45	0.44	0.39
	-2.95	-4.22	-4.31	-4.92	-5.39	-4.63	-3.56	-3.48	-1.76	-0.88	-1.69	-1.05	-1.49	-2.27	-0.79	0.53	0.32	0.11	0.00	0.00	-3.61	-1.71	-1.92	-2.68
GOUDEY___8	32.65	25.22	24.24	20.88	21.36	23.41	22.10	25.77	29.96	32.01	31.75	33.73	33.98	32.93	34.07	34.88	37.28	40.17	43.11	45.39	43.17	36.66	34.01	27.64
23579	0.24	0.19	0.20	0.14	0.14	0.19	0.15	0.22	0.11	0.19	0.21	0.23	0.23	0.24	0.23	0.25	0.26	0.32	0.38	0.36	0.47	0.45	0.44	0.39
	-2.95	-4.22	-4.31	-4.92	-5.39	-4.63	-3.56	-3.48	-1.76	-0.88	-1.69	-1.05	-1.49	-2.27	-0.79	0.53	0.32	0.11	0.00	0.00	-3.61	-1.71	-1.92	-2.68
GOWANUS_GT1_1	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24077	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT1_2	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24078	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT1_3	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24079	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT1_4	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24080	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT1_5	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24084	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT1_6	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24111	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT1_7	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24112	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT1_8	34.39	33.00	31.54	29.94	31.18	31.16	29.49	31.58	33.00	35.63	35.48	36.36	37.29	36.98	36.19	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24113	2.47	1.69	1.58	1.28	1.27	1.45	1.55	1.92	2.44	2.97	2.84	3.08	3.10	2.86	3.14	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.55	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT2_1	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24114	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT2_2	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24115	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT2_3	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24116	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
GOWANUS_GT2_4	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
24117	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48

GOWANUS_GT2_5 24118	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT2_6 24119	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT2_7 24120	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT2_8 24121	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_1 24122	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_2 24123	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_3 24124	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_4 24125	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_5 24126	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_6 24127	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_7 24128	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT3_8 24129	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT4_1 24130	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT4_2 24131	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT4_3 24132	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48

GOWANUS_GT4_4 24133	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT4_5 24134	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT4_6 24135	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT4_7 24136	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GOWANUS_GT4_8 24137	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GREENBSH_115KV_TB3 55895	33.23 0.97 -2.80	33.50 0.71 -11.98	32.07 0.67 -11.66	31.00 0.54 -14.64	32.43 0.54 -16.07	31.91 0.63 -12.69	29.85 0.55 -10.90	31.39 0.66 -8.66	31.70 0.79 -2.82	33.74 0.84 -1.95	33.88 0.84 -3.19	34.30 0.91 -0.93	35.34 0.87 -2.21	35.50 0.85 -4.23	34.05 0.99 0.00	36.23 1.06 0.00	38.34 1.01 0.00	41.08 1.12 0.00	43.87 1.15 0.00	46.29 1.26 0.00	50.75 1.09 -10.57	41.03 1.07 -5.46	38.80 1.01 -6.14	33.93 0.81 -8.55
GREENDGE_115KV_TB5 80291	51.40 -0.35 -22.29	27.98 -0.29 -7.46	28.92 -0.26 -9.44	21.91 -0.25 -6.35	22.48 -0.27 -6.92	28.02 -0.26 -9.69	21.71 -0.29 -3.61	31.93 -0.31 -10.16	37.73 -0.73 -10.37	39.78 -0.80 -9.63	39.54 -0.81 -10.50	42.25 -0.91 -10.70	42.40 -0.90 -11.04	41.05 -0.76 -11.39	42.85 -0.93 -10.72	44.10 -0.88 -9.80	49.20 -0.82 -12.69	53.73 -0.72 -14.49	56.72 -0.68 -14.68	59.81 -0.77 -15.55	57.48 -0.35 -18.75	46.28 -0.28 -12.06	41.98 -0.25 -10.59	31.91 -0.15 -7.49
GREENIDGE___3 23582	51.40 -0.35 -22.29	27.98 -0.29 -7.46	28.92 -0.26 -9.44	21.91 -0.25 -6.35	22.48 -0.27 -6.92	28.02 -0.26 -9.69	21.71 -0.29 -3.61	31.93 -0.31 -10.16	37.73 -0.73 -10.37	39.78 -0.80 -9.63	39.54 -0.81 -10.50	42.25 -0.91 -10.70	42.40 -0.90 -11.04	41.05 -0.76 -11.39	42.85 -0.93 -10.72	44.10 -0.88 -9.80	49.20 -0.82 -12.69	53.73 -0.72 -14.49	56.72 -0.68 -14.68	59.81 -0.77 -15.55	57.48 -0.35 -18.75	46.28 -0.28 -12.06	41.98 -0.25 -10.59	31.91 -0.15 -7.49
GREENIDGE___4 23583	51.40 -0.35 -22.29	27.98 -0.29 -7.46	28.92 -0.26 -9.44	21.91 -0.25 -6.35	22.48 -0.27 -6.92	28.02 -0.26 -9.69	21.71 -0.30 -3.61	31.92 -0.31 -10.16	37.73 -0.73 -10.37	39.78 -0.80 -9.63	39.54 -0.80 -10.50	42.25 -0.91 -10.70	42.40 -0.90 -11.04	41.05 -0.76 -11.39	42.95 -0.83 -10.72	44.10 -0.88 -9.80	49.20 -0.82 -12.69	53.74 -0.72 -14.49	56.72 -0.69 -14.68	59.81 -0.77 -15.55	57.48 -0.35 -18.75	46.28 -0.28 -12.06	41.98 -0.25 -10.59	31.92 -0.15 -7.49
GREENLWN_69_KV_BK 3 55738	34.77 2.86 -2.45	33.15 1.85 -10.49	31.61 1.66 -10.22	29.92 1.27 -12.83	31.26 1.36 -14.07	31.21 1.51 -11.12	29.65 1.71 -9.55	31.71 2.05 -7.58	33.28 2.73 -2.46	36.00 3.34 -1.71	43.51 3.13 -10.53	43.77 3.41 -7.90	43.92 3.42 -8.24	46.05 3.19 -12.43	48.33 3.40 -11.87	48.32 3.69 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	51.77 3.44 -9.24	48.34 3.31 -10.53	40.30 3.29 -5.37	34.29 2.24 -7.48
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
GRISSOM___SOLAR 323813	34.16 1.65 -3.05	34.99 1.12 -13.05	33.51 1.07 -12.71	32.64 0.85 -15.96	34.21 0.87 -17.51	33.44 1.02 -13.83	31.27 0.97 -11.90	32.63 1.10 -9.45	32.26 1.09 -3.07	34.17 1.08 -2.13	34.26 0.93 -3.48	34.45 0.97 -1.02	35.67 1.00 -2.41	35.98 0.94 -4.61	34.21 1.16 0.00	36.65 1.48 0.00	38.90 1.57 0.00	41.88 1.92 0.00	44.98 2.26 0.00	47.55 2.52 0.00	52.96 2.34 -11.53	42.52 2.07 -5.96	40.27 1.93 -6.70	35.32 1.42 -9.33
GROVEVILLE___HYD 323602	34.02 2.09 -2.46	32.79 1.44 -10.55	31.37 1.36 -10.27	29.81 1.09 -12.89	31.05 1.08 -14.15	31.05 1.28 -11.18	29.32 1.32 -9.60	31.29 1.59 -7.62	32.65 2.08 -2.48	35.08 2.41 -1.72	35.02 2.36 -2.81	35.88 2.60 -0.82	36.82 2.61 -1.95	36.57 2.43 -3.72	35.73 2.68 0.00	38.06 2.88 0.00	40.36 3.02 0.00	43.20 3.24 0.00	46.09 3.37 0.00	48.49 3.47 0.00	51.54 3.17 -9.29	41.96 2.66 -4.80	39.57 2.53 -5.40	33.86 1.77 -7.52
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.57 -0.15 -1.26	21.89 -0.08 -1.16	20.81 -0.06 -1.13	17.18 -0.06 -1.42	17.33 -0.06 -1.56	19.77 -0.06 -1.23	19.40 -0.06 -1.06	22.87 -0.04 -0.84	28.23 -0.14 -0.27	30.99 -0.15 -0.19	30.04 -0.12 -0.31	32.42 -0.13 -0.09	32.34 -0.13 -0.21	30.74 -0.09 -0.41	32.86 -0.20 0.00	34.96 -0.21 0.00	37.11 -0.22 0.00	39.76 -0.20 0.00	42.46 -0.26 0.00	44.80 -0.23 0.00	40.26 -0.04 -1.21	34.99 -0.03 -0.53	32.24 0.00 -0.60	25.45 0.05 -0.83
HAMLTNNY_34_KV_TB 80303	30.63 -0.18 -1.34	21.94 -0.10 -1.24	20.86 -0.08 -1.20	17.26 -0.08 -1.51	17.39 -0.09 -1.66	19.82 -0.07 -1.31	19.45 -0.07 -1.13	22.93 -0.04 -0.89	28.19 -0.20 -0.29	30.94 -0.22 -0.33	29.97 -0.21 -0.10	32.33 -0.23 -0.23	32.26 -0.23 -0.23	30.71 -0.15 -0.44	32.79 -0.26 0.00	34.89 -0.28 0.00	37.04 -0.30 0.00	39.68 -0.28 0.00	42.42 -0.30 0.00	44.71 -0.32 0.00	40.30 -0.08 -1.29	34.99 -0.07 -0.56	32.24 -0.03 -0.63	25.47 0.02 -0.88

HAMPSHIRE___PAPER_HYD 323593	29.34 -0.20 -0.08	20.84 -0.31 -0.34	19.75 -0.32 -0.33	16.02 -0.22 -0.42	16.06 -0.22 -0.46	18.65 -0.30 -0.36	18.35 -0.35 -0.31	21.86 -0.46 -0.25	27.50 -0.67 -0.08	30.30 -0.71 -0.06	29.16 -0.78 -0.09	31.68 -0.81 -0.03	31.45 -0.87 -0.06	29.63 -0.91 -0.12	32.23 -0.83 0.00	34.33 -0.84 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	39.27 -0.12 -0.30	34.52 -0.14 -0.15	31.53 -0.29 -0.17	24.64 -0.17 -0.24
HARDSCRABBLE_WT_PWR 323673	29.26 -0.20 0.00	20.62 -0.19 0.00	19.52 -0.22 0.00	15.62 -0.21 0.00	15.56 -0.27 0.00	18.25 -0.33 0.00	18.03 -0.37 0.00	21.68 -0.40 0.00	27.56 -0.53 0.00	30.36 -0.59 0.00	29.22 -0.63 0.00	31.75 -0.71 0.00	31.55 -0.71 0.00	29.72 -0.70 0.00	32.36 -0.70 0.00	34.26 -0.91 0.00	36.22 -1.12 0.00	38.68 -1.28 0.00	41.31 -1.41 0.00	43.50 -1.53 0.00	37.80 -1.29 0.00	33.29 -1.21 0.00	30.66 -0.98 0.00	23.83 -0.74 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.86 2.03 -2.37	32.35 1.39 -10.14	30.94 1.32 -9.88	29.28 1.06 -12.40	30.48 1.04 -13.61	30.58 1.25 -10.75	28.93 1.31 -9.23	30.97 1.57 -7.33	32.53 2.05 -2.38	35.02 2.41 -1.65	34.88 2.33 -2.70	35.78 2.53 -0.79	36.71 2.58 -1.87	36.40 2.40 -3.57	35.70 2.64 0.00	38.02 2.85 0.00	40.32 2.99 0.00	43.12 3.16 0.00	45.97 3.25 0.00	48.36 3.33 0.00	51.03 3.01 -8.94	41.70 2.59 -4.62	39.27 2.44 -5.19	33.50 1.70 -7.23
HARSNRAD_115KV_TB1 81005	17.55 -3.21 8.70	16.92 -2.19 1.70	14.70 -2.01 3.02	13.87 -1.63 0.32	13.84 -1.66 0.33	13.75 -1.90 2.94	16.82 -2.04 -0.47	15.68 -2.14 4.26	18.97 -3.29 5.84	15.63 -3.59 11.73	18.54 -3.40 7.91	20.24 -3.70 8.52	20.62 -3.65 7.99	20.92 -3.38 6.13	20.71 -3.77 8.58	19.46 -4.15 11.57	21.56 -4.44 11.33	24.69 -4.80 10.48	28.04 -5.17 9.51	29.33 -5.63 10.07	25.40 -4.69 9.00	24.15 -3.93 6.42	23.25 -3.10 5.29	19.78 -2.11 2.68
HARZA MOOSE___RIVER 24016	29.99 0.41 -0.11	21.42 0.12 -0.48	20.34 0.14 -0.47	16.52 0.11 -0.59	16.57 0.09 -0.64	19.19 0.09 -0.51	18.87 0.04 -0.44	22.51 0.09 -0.35	28.15 -0.06 -0.11	31.06 0.03 -0.08	29.92 -0.06 -0.13	32.56 0.06 -0.04	32.31 -0.03 -0.09	30.50 -0.09 -0.17	33.05 0.00 0.00	35.17 0.00 0.00	37.33 0.00 0.00	39.88 -0.08 0.00	43.40 0.68 0.00	45.84 0.81 0.00	40.44 0.94 -0.42	35.44 0.72 -0.22	32.46 0.57 -0.25	25.43 0.52 -0.34
HDSNBRDG_115KV_BRDG_TB1 355580	29.36 -0.35 -0.25	21.64 -0.23 -1.06	20.57 -0.20 -1.03	16.95 -0.17 -1.30	17.08 -0.17 -1.42	19.53 -0.19 -1.12	19.17 -0.18 -0.97	22.67 -0.18 -0.77	28.01 -0.34 -0.25	30.75 -0.37 -0.17	29.80 -0.33 -0.28	32.19 -0.36 -0.08	32.10 -0.35 -0.20	30.49 -0.30 -0.37	32.62 -0.43 0.00	34.71 -0.46 0.00	36.85 -0.49 0.00	39.48 -0.48 0.00	42.16 -0.56 0.00	44.49 -0.54 0.00	39.71 -0.31 -0.93	34.71 -0.28 -0.48	31.96 -0.22 -0.54	25.20 -0.12 -0.76
HELLGATE_13_KV_LD 55870	34.39 2.47 -2.46	33.02 1.71 -10.50	31.56 1.60 -10.23	29.95 1.30 -12.83	31.21 1.30 -14.08	31.19 1.49 -11.12	29.54 1.60 -9.55	31.62 1.96 -7.58	33.09 2.53 -2.46	35.69 3.03 -1.71	35.54 2.90 -2.79	36.43 3.15 -0.82	37.39 3.19 -1.94	37.07 2.95 -3.70	36.29 3.24 0.00	38.69 3.52 0.00	41.03 3.70 0.00	43.92 3.96 0.00	46.69 3.97 0.00	49.08 4.05 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.39 2.47 -2.46	33.02 1.71 -10.50	31.56 1.60 -10.23	29.95 1.30 -12.83	31.21 1.30 -14.08	31.19 1.49 -11.12	29.54 1.60 -9.55	31.62 1.96 -7.58	33.09 2.53 -2.46	35.69 3.03 -1.71	35.54 2.90 -2.79	36.43 3.15 -0.82	37.39 3.19 -1.94	37.07 2.95 -3.70	36.29 3.24 0.00	38.69 3.52 0.00	41.03 3.70 0.00	43.92 3.96 0.00	46.69 3.97 0.00	49.08 4.05 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
HEMPSTEAD____ 23647	34.54 2.62 -2.46	33.03 1.73 -10.49	31.51 1.56 -10.22	29.85 1.20 -12.83	31.17 1.27 -14.07	31.14 1.43 -11.12	29.56 1.62 -9.54	31.60 1.94 -7.58	33.11 2.56 -2.46	35.82 3.16 -1.71	43.36 2.98 -10.53	43.60 3.25 -7.90	43.80 3.29 -8.24	45.92 3.07 -12.43	48.23 3.31 -11.87	48.25 3.62 -9.45	49.16 3.81 -8.02	49.12 4.03 -5.12	49.36 4.10 -2.54	49.40 4.23 -0.15	51.96 3.64 -9.24	48.27 3.24 -10.53	40.09 3.07 -5.38	34.16 2.11 -7.48
HICKLING___1 23621	38.68 -0.29 -9.51	25.67 -0.25 -5.11	25.47 -0.22 -5.95	20.59 -0.24 -5.00	21.05 -0.25 -5.47	24.56 -0.24 -6.21	21.31 -0.31 -3.23	27.54 -0.35 -5.82	32.39 -0.76 -5.05	33.76 -0.80 -3.61	33.94 -0.75 -4.83	36.22 -0.84 -4.60	36.43 -0.84 -5.01	35.44 -0.70 -5.72	36.67 -0.89 -4.51	37.62 -0.81 -3.25	41.30 -0.86 -4.82	45.12 -0.76 -5.92	48.19 -0.73 -6.19	50.77 -0.81 -6.56	48.60 -0.35 -9.86	40.13 -0.28 -5.91	36.78 -0.25 -5.39	28.90 -0.12 -4.46
HICKLING___2 23622	38.68 -0.29 -9.51	25.67 -0.25 -5.11	25.47 -0.22 -5.95	20.59 -0.24 -5.00	21.05 -0.25 -5.47	24.56 -0.24 -6.21	21.31 -0.31 -3.23	27.54 -0.35 -5.82	32.39 -0.76 -5.05	33.76 -0.80 -3.61	33.94 -0.75 -4.83	36.22 -0.84 -4.60	36.43 -0.84 -5.01	35.44 -0.70 -5.72	36.67 -0.89 -4.51	37.62 -0.81 -3.25	41.30 -0.86 -4.82	45.12 -0.76 -5.92	48.19 -0.73 -6.19	50.77 -0.81 -6.56	48.60 -0.35 -9.86	40.13 -0.28 -5.91	36.78 -0.25 -5.39	28.90 -0.12 -4.46
HIGH FALLS___HY 23754	33.99 2.09 -2.44	32.67 1.42 -10.44	31.27 1.36 -10.17	29.67 1.08 -12.77	30.90 1.06 -14.01	30.92 1.26 -11.07	29.24 1.34 -9.51	31.21 1.59 -7.55	32.63 2.08 -2.45	35.07 2.41 -1.70	34.93 2.30 -2.78	35.84 2.56 -0.81	36.77 2.58 -1.93	36.51 2.40 -3.68	35.70 2.64 0.00	38.02 2.85 0.00	40.36 3.02 0.00	43.20 3.24 0.00	46.14 3.42 0.00	48.58 3.56 0.00	51.61 3.32 -9.21	41.98 2.73 -4.76	39.59 2.59 -5.35	33.84 1.82 -7.45
HIGH_RIVER___SOLAR 323847	33.72 1.29 -2.96	34.40 0.89 -12.70	32.95 0.85 -12.37	32.03 0.68 -15.53	33.56 0.70 -17.03	32.84 0.80 -13.46	30.74 0.77 -11.58	32.15 0.88 -9.19	31.95 0.87 -2.99	33.86 0.84 -2.07	33.93 0.69 -3.39	34.23 0.78 -0.99	35.44 0.84 -2.35	35.73 0.82 -4.49	34.05 0.99 0.00	36.37 1.20 0.00	38.64 1.31 0.00	41.52 1.56 0.00	44.51 1.79 0.00	47.01 1.98 0.00	52.14 1.84 -11.22	41.91 1.62 -5.79	39.68 1.52 -6.52	34.78 1.13 -9.08
HILLBURN___GT 23639	33.94 2.09 -2.39	32.47 1.43 -10.22	31.05 1.36 -9.96	29.41 1.09 -12.50	30.62 1.08 -13.71	30.70 1.28 -10.83	29.05 1.36 -9.30	31.12 1.66 -7.38	32.66 2.16 -2.40	35.18 2.57 -1.66	35.02 2.45 -2.72	35.95 2.69 -0.80	36.85 2.71 -1.89	36.55 2.52 -3.60	35.80 2.74 0.00	38.16 2.99 0.00	40.47 3.14 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.45 3.42 0.00	51.14 3.05 -9.01	41.81 2.66 -4.65	39.35 2.47 -5.23	33.60 1.74 -7.29
HILLSIDE_115KV_TB1 80332	37.43 -0.41 -8.38	25.47 -0.29 -4.95	25.14 -0.26 -5.66	20.56 -0.24 -4.98	21.02 -0.25 -5.44	24.26 -0.26 -5.93	21.36 -0.31 -3.28	27.14 -0.35 -5.42	31.86 -0.73 -4.49	33.34 -0.77 -3.16	33.44 -0.72 -4.30	35.65 -0.81 -4.01	35.90 -0.77 -4.42	34.88 -0.67 -5.13	36.11 -0.83 -3.88	37.15 -0.81 -2.79	40.68 -0.82 -4.17	44.30 -0.80 -5.13	47.37 -0.73 -5.38	49.91 -0.81 -5.69	47.59 -0.43 -8.94	39.52 -0.34 -5.37	36.31 -0.28 -4.95	28.66 -0.15 -4.24

HISHELDN_WT_PWR 323625	5.87 -2.50 21.09	11.86 -1.77 7.18	7.34 -1.66 10.74	10.47 -1.36 3.99	10.09 -1.42 4.31	6.27 -1.64 10.69	15.62 -1.71 1.06	6.73 -1.94 13.40	8.59 -2.98 16.52	7.17 -3.22 20.56	8.51 -3.11 18.23	9.47 -3.41 19.58	9.65 -3.39 19.23	9.71 -3.10 17.61	9.74 -3.40 19.91	7.88 -3.76 23.53	6.00 -3.96 27.38	6.66 -4.12 29.19	9.73 -4.40 28.59	10.02 -4.73 30.28	6.80 -3.83 28.45	10.44 -3.35 20.71	11.39 -2.75 17.50	12.38 -1.97 10.23
HOLTSVILLE_IC_1 23690	35.10 3.18 -2.46	33.38 2.08 -10.49	31.81 1.85 -10.22	30.07 1.42 -12.83	31.42 1.52 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.28 3.62 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.56 3.94 -9.45	49.53 4.18 -8.02	49.64 4.55 -5.12	49.96 4.70 -2.54	49.99 4.82 -0.15	52.24 3.91 -9.24	48.65 3.62 -10.53	40.56 3.54 -5.38	34.46 2.41 -7.48
HOLTSVILLE_IC_10 23699	35.19 3.27 -2.46	33.43 2.12 -10.49	31.87 1.91 -10.22	30.11 1.45 -12.83	31.47 1.57 -14.07	31.41 1.71 -11.12	29.89 1.95 -9.54	31.97 2.32 -7.58	33.59 3.04 -2.46	36.40 3.74 -1.71	43.81 3.43 -10.53	44.09 3.73 -7.90	44.18 3.68 -8.24	46.26 3.41 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.64 4.29 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.39 4.06 -9.24	48.79 3.76 -10.53	40.69 3.67 -5.38	34.53 2.48 -7.48
HOLTSVILLE_IC_2 23691	35.10 3.18 -2.46	33.38 2.08 -10.49	31.81 1.85 -10.22	30.07 1.42 -12.83	31.42 1.52 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.28 3.62 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.56 3.94 -9.45	49.53 4.18 -8.02	49.64 4.55 -5.12	49.96 4.70 -2.54	49.99 4.82 -0.15	52.24 3.91 -9.24	48.65 3.62 -10.53	40.56 3.54 -5.38	34.46 2.41 -7.48
HOLTSVILLE_IC_3 23692	35.10 3.18 -2.46	33.38 2.08 -10.49	31.81 1.85 -10.22	30.07 1.42 -12.83	31.42 1.52 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.28 3.62 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.56 3.94 -9.45	49.53 4.18 -8.02	49.64 4.55 -5.12	49.96 4.70 -2.54	49.99 4.82 -0.15	52.24 3.91 -9.24	48.65 3.62 -10.53	40.56 3.54 -5.38	34.46 2.41 -7.48
HOLTSVILLE_IC_4 23693	35.10 3.18 -2.46	33.38 2.08 -10.49	31.81 1.85 -10.22	30.07 1.42 -12.83	31.42 1.52 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.28 3.62 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.56 3.94 -9.45	49.53 4.18 -8.02	49.64 4.55 -5.12	49.96 4.70 -2.54	49.99 4.82 -0.15	52.24 3.91 -9.24	48.65 3.62 -10.53	40.56 3.54 -5.38	34.46 2.41 -7.48
HOLTSVILLE_IC_5 23694	35.10 3.18 -2.46	33.38 2.08 -10.49	31.81 1.85 -10.22	30.07 1.42 -12.83	31.42 1.52 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.28 3.62 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.56 3.94 -9.45	49.53 4.18 -8.02	49.64 4.55 -5.12	49.96 4.70 -2.54	49.99 4.82 -0.15	52.24 3.91 -9.24	48.65 3.62 -10.53	40.56 3.54 -5.38	34.46 2.41 -7.48
HOLTSVILLE_IC_6 23695	35.19 3.27 -2.46	33.43 2.12 -10.49	31.87 1.91 -10.22	30.11 1.45 -12.83	31.47 1.57 -14.07	31.41 1.71 -11.12	29.89 1.95 -9.54	31.97 2.32 -7.58	33.59 3.04 -2.46	36.40 3.74 -1.71	43.81 3.43 -10.53	44.09 3.73 -7.90	44.18 3.68 -8.24	46.26 3.41 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.64 4.29 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.39 4.06 -9.24	48.79 3.76 -10.53	40.69 3.67 -5.38	34.53 2.48 -7.48
HOLTSVILLE_IC_7 23696	35.19 3.27 -2.46	33.43 2.12 -10.49	31.87 1.91 -10.22	30.11 1.45 -12.83	31.47 1.57 -14.07	31.41 1.71 -11.12	29.89 1.95 -9.54	31.97 2.32 -7.58	33.59 3.04 -2.46	36.40 3.74 -1.71	43.81 3.43 -10.53	44.09 3.73 -7.90	44.18 3.68 -8.24	46.26 3.41 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.64 4.29 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.39 4.06 -9.24	48.79 3.76 -10.53	40.69 3.67 -5.38	34.53 2.48 -7.48
HOLTSVILLE_IC_8 23697	35.19 3.27 -2.46	33.43 2.12 -10.49	31.87 1.91 -10.22	30.11 1.45 -12.83	31.47 1.57 -14.07	31.41 1.71 -11.12	29.89 1.95 -9.54	31.97 2.32 -7.58	33.59 3.04 -2.46	36.40 3.74 -1.71	43.81 3.43 -10.53	44.09 3.73 -7.90	44.18 3.68 -8.24	46.26 3.41 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.64 4.29 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.39 4.06 -9.24	48.79 3.76 -10.53	40.69 3.67 -5.38	34.53 2.48 -7.48
HOLTSVILLE_IC_9 23698	35.19 3.27 -2.46	33.43 2.12 -10.49	31.87 1.91 -10.22	30.11 1.45 -12.83	31.47 1.57 -14.07	31.41 1.71 -11.12	29.89 1.95 -9.54	31.97 2.32 -7.58	33.59 3.04 -2.46	36.40 3.74 -1.71	43.81 3.43 -10.53	44.09 3.73 -7.90	44.18 3.68 -8.24	46.26 3.41 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.64 4.29 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.39 4.06 -9.24	48.79 3.76 -10.53	40.69 3.67 -5.38	34.53 2.48 -7.48
HOMER_HL_115KV_TB2 355744	19.17 -1.33 8.96	18.21 -0.83 1.77	15.73 -0.75 3.26	14.99 -0.63 0.20	14.99 -0.65 0.19	14.72 -0.72 3.14	18.35 -0.68 -0.64	16.63 -0.79 4.65	20.04 -1.55 6.50	18.65 -1.58 10.72	20.35 -1.49 8.01	22.12 -1.59 8.75	22.40 -1.55 8.31	22.18 -1.43 6.81	22.47 -1.69 8.90	26.88 -2.11 6.18	29.30 -2.31 5.72	32.54 -2.44 4.98	36.08 -2.31 4.33	37.83 -2.61 4.58	33.94 -2.03 3.11	30.44 -1.69 2.37	28.63 -1.23 1.78	23.58 -0.66 0.33
HOWARD_WT_PWR 323690	61.34 -1.38 -33.26	34.85 -1.08 -15.12	38.69 -1.05 -20.00	26.63 -0.95 -11.76	27.55 -1.08 -12.80	37.70 -1.23 -20.34	23.05 -1.40 -6.06	42.73 -1.81 -22.47	49.67 -2.84 -24.42	50.92 -3.16 -23.12	51.48 -3.11 -24.74	54.76 -3.47 -25.77	55.10 -3.42 -26.26	53.92 -3.04 -26.54	55.84 -3.27 -26.06	51.82 -3.27 -19.92	59.85 -3.40 -25.91	66.18 -3.48 -29.69	69.31 -3.55 -30.13	73.20 -3.74 -31.91	69.26 -2.85 -33.03	55.73 -2.52 -23.75	49.97 -2.28 -20.61	36.64 -1.74 -13.82
HQ_GEN_CEDARS 23644	29.29 -0.18 0.00	20.60 -0.21 0.00	19.48 -0.26 0.00	15.66 -0.16 0.00	15.69 -0.14 0.00	18.38 -0.20 0.00	18.19 -0.20 0.00	21.70 -0.38 0.00	27.67 -0.42 0.00	30.46 -0.50 0.00	29.37 -0.48 0.00	31.94 -0.52 0.00	31.71 -0.55 0.00	29.85 -0.58 0.00	32.56 -0.50 0.00	34.71 -0.46 0.00	37.07 -0.26 0.00	39.56 -0.40 0.00	42.38 -0.34 0.00	44.62 -0.41 0.00	38.69 -0.39 0.00	34.15 -0.34 0.00	31.17 -0.47 0.00	24.18 -0.39 0.00
HQ_GEN_CEDARS_PROXY 323590	29.29 -0.18 0.00	20.60 -0.21 0.00	19.48 -0.26 0.00	15.66 -0.16 0.00	15.69 -0.14 0.00	18.38 -0.20 0.00	18.19 -0.20 0.00	21.70 -0.38 0.00	27.67 -0.42 0.00	30.46 -0.50 0.00	29.37 -0.48 0.00	31.94 -0.52 0.00	31.71 -0.55 0.00	29.84 -0.58 0.00	32.56 -0.49 0.00	34.75 -0.42 0.00	37.07 -0.26 0.00	39.56 -0.40 0.00	42.38 -0.34 0.00	44.62 -0.41 0.00	38.69 -0.39 0.00	34.15 -0.34 0.00	31.17 -0.47 0.00	24.17 -0.39 0.00

HQ_GEN_CHPE_PROXY 323851	34.12 2.21 -2.45	32.80 1.50 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.54	31.44 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	35.96 2.91 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.53 3.21 -9.24	42.03 2.76 -4.78	39.61 2.60 -5.37	33.87 1.82 -7.48
HQ_GEN_IMPORT 323601	29.29 -0.18 0.00	20.69 -0.12 0.00	19.60 -0.14 0.00	15.73 -0.09 0.00	15.73 -0.09 0.00	18.46 -0.13 0.00	18.28 -0.11 0.00	21.90 -0.18 0.00	27.95 -0.14 0.00	30.80 -0.15 0.00	29.70 -0.15 0.00	32.30 -0.16 0.00	32.07 -0.19 0.00	30.24 -0.18 0.00	32.89 -0.16 0.00	35.00 -0.17 0.00	37.19 -0.15 0.00	39.80 -0.16 0.00	42.55 -0.17 0.00	44.85 -0.18 0.00	38.81 -0.27 0.00	34.26 -0.24 0.00	31.39 -0.25 0.00	24.35 -0.22 0.00
HQ_GEN_WHEEL 23651	29.29 -0.18 0.00	20.69 -0.12 0.00	19.60 -0.14 0.00	15.73 -0.09 0.00	15.73 -0.09 0.00	18.46 -0.13 0.00	18.28 -0.11 0.00	21.90 -0.18 0.00	27.95 -0.14 0.00	30.80 -0.15 0.00	29.70 -0.15 0.00	32.30 -0.16 0.00	32.07 -0.19 0.00	30.24 -0.18 0.00	32.89 -0.16 0.00	35.00 -0.17 0.00	37.19 -0.15 0.00	39.80 -0.16 0.00	42.55 -0.17 0.00	44.85 -0.18 0.00	38.81 -0.27 0.00	34.26 -0.24 0.00	31.39 -0.25 0.00	24.35 -0.22 0.00
HUDSON_AVE_GT_3 23810	34.15 2.24 -2.45	32.84 1.54 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.07 1.17 -14.07	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.51 2.85 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.16 2.97 -1.94	36.86 2.74 -3.70	36.06 3.01 0.00	38.44 3.27 0.00	40.77 3.43 0.00	43.60 3.64 0.00	46.39 3.67 0.00	48.76 3.74 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.67 2.66 -5.37	33.92 1.87 -7.48
HUDSON_AVE_GT_4 23540	34.15 2.24 -2.45	32.84 1.54 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.07 1.17 -14.07	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.51 2.85 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.16 2.97 -1.94	36.86 2.74 -3.70	36.06 3.01 0.00	38.44 3.27 0.00	40.77 3.43 0.00	43.60 3.64 0.00	46.39 3.67 0.00	48.76 3.74 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.67 2.66 -5.37	33.92 1.87 -7.48
HUDSON_AVE_GT_5 23657	34.15 2.24 -2.45	32.84 1.54 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.07 1.17 -14.07	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.51 2.85 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.16 2.97 -1.94	36.86 2.74 -3.70	36.06 3.01 0.00	38.44 3.27 0.00	40.77 3.43 0.00	43.60 3.64 0.00	46.39 3.67 0.00	48.76 3.74 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.67 2.66 -5.37	33.92 1.87 -7.48
HUDSON_AVE_I0 24168	34.09 2.18 -2.45	32.78 1.48 -10.49	31.36 1.40 -10.22	29.79 1.14 -12.83	31.04 1.14 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.07 2.87 -1.94	36.77 2.65 -3.70	35.96 2.91 0.00	38.34 3.17 0.00	40.66 3.32 0.00	43.52 3.56 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.53 3.20 -9.24	42.03 2.76 -4.78	39.61 2.59 -5.37	33.87 1.82 -7.48
HUDSON___115KV_TB 4 355613	33.55 1.33 -2.76	33.55 0.92 -11.82	32.12 0.87 -11.52	30.98 0.70 -14.46	32.39 0.70 -15.86	31.94 0.82 -12.53	29.89 0.74 -10.76	31.46 0.84 -8.55	31.86 0.98 -2.78	33.87 0.99 -1.93	33.93 0.93 -3.15	34.36 0.97 -0.92	35.41 0.97 -2.18	35.51 0.91 -4.17	34.24 1.19 0.00	36.47 1.30 0.00	38.68 1.34 0.00	41.56 1.60 0.00	44.51 1.79 0.00	47.05 2.03 0.00	51.27 1.76 -10.43	41.44 1.55 -5.39	39.16 1.46 -6.06	34.09 1.08 -8.44
HUNTER MOUNT___DRP 323613	33.45 1.27 -2.72	33.34 0.87 -11.65	31.93 0.85 -11.35	30.73 0.66 -14.25	32.12 0.66 -15.63	31.72 0.78 -12.35	29.68 0.68 -10.61	31.27 0.77 -8.42	31.73 0.90 -2.74	33.75 0.90 -1.90	33.79 0.84 -3.10	34.25 0.88 -0.91	35.28 0.87 -2.15	35.36 0.82 -4.11	34.24 1.19 0.00	36.47 1.30 0.00	38.68 1.34 0.00	41.60 1.64 0.00	44.60 1.88 0.00	47.10 2.07 0.00	51.12 1.76 -10.28	41.33 1.52 -5.31	39.07 1.46 -5.97	33.94 1.06 -8.32
HUNTINGTON_RES_REC 323705	34.89 2.97 -2.46	33.24 1.94 -10.49	31.69 1.74 -10.22	29.96 1.31 -12.83	31.31 1.41 -14.07	31.27 1.56 -11.12	29.72 1.78 -9.54	31.77 2.12 -7.58	33.37 2.81 -2.46	36.13 3.47 -1.71	43.60 3.22 -10.53	43.86 3.51 -7.90	43.99 3.48 -8.24	46.11 3.26 -12.43	48.40 3.47 -11.87	48.42 3.80 -9.45	49.35 4.00 -8.02	49.40 4.32 -5.12	49.66 4.40 -2.54	49.67 4.50 -0.15	52.00 3.67 -9.24	48.51 3.48 -10.53	40.44 3.42 -5.38	34.36 2.31 -7.48
HUNTLEY___63 23557	17.04 -3.06 9.35	16.72 -2.10 1.99	14.35 -1.93 3.45	13.77 -1.57 0.49	13.72 -1.60 0.51	13.39 -1.84 3.36	16.97 -1.84 -0.41	15.23 -2.08 4.77	18.44 -3.17 6.48	15.86 -3.40 11.69	18.29 -3.22 8.34	19.95 -3.51 9.00	20.31 -3.42 8.52	20.45 -3.16 6.81	20.38 -3.57 9.10	19.71 -3.94 11.53	21.44 -4.22 11.68	24.30 -4.52 11.15	27.56 -4.87 10.29	28.82 -5.31 10.89	24.91 -4.42 9.76	23.78 -3.73 6.99	22.89 -2.97 5.77	19.60 -2.01 2.95
HUNTLEY___64 23558	17.04 -3.06 9.35	16.72 -2.10 1.99	14.35 -1.93 3.45	13.77 -1.57 0.49	13.72 -1.60 0.51	13.39 -1.84 3.36	16.97 -1.84 -0.41	15.23 -2.08 4.77	18.44 -3.17 6.48	15.86 -3.40 11.69	18.29 -3.22 8.34	19.95 -3.51 9.00	20.31 -3.42 8.52	20.45 -3.16 6.81	20.38 -3.57 9.10	19.71 -3.94 11.53	21.44 -4.22 11.68	24.30 -4.52 11.15	27.56 -4.87 10.29	28.82 -5.31 10.89	24.91 -4.42 9.76	23.78 -3.73 6.99	22.89 -2.97 5.77	19.60 -2.01 2.95
HUNTLEY___65 23559	17.04 -3.06 9.35	16.72 -2.10 1.99	14.35 -1.93 3.45	13.77 -1.57 0.49	13.72 -1.60 0.51	13.39 -1.84 3.36	16.97 -1.84 -0.41	15.23 -2.08 4.77	18.44 -3.17 6.48	15.86 -3.40 11.69	18.29 -3.22 8.34	19.95 -3.51 9.00	20.31 -3.42 8.52	20.45 -3.16 6.81	20.38 -3.57 9.10	19.71 -3.94 11.53	21.44 -4.22 11.68	24.30 -4.52 11.15	27.56 -4.87 10.29	28.82 -5.31 10.89	24.91 -4.42 9.76	23.78 -3.73 6.99	22.89 -2.97 5.77	19.60 -2.01 2.95
HUNTLEY___66 23560	17.04 -3.06 9.35	16.72 -2.10 1.99	14.35 -1.93 3.45	13.77 -1.57 0.49	13.72 -1.60 0.51	13.39 -1.84 3.36	16.97 -1.84 -0.41	15.23 -2.08 4.77	18.44 -3.17 6.48	15.86 -3.40 11.69	18.29 -3.22 8.34	19.95 -3.51 9.00	20.31 -3.42 8.52	20.45 -3.16 6.81	20.38 -3.57 9.10	19.71 -3.94 11.53	21.44 -4.22 11.68	24.30 -4.52 11.15	27.56 -4.87 10.29	28.82 -5.31 10.89	24.91 -4.42 9.76	23.78 -3.73 6.99	22.89 -2.97 5.77	19.60 -2.01 2.95
HUNTLEY___67 23561	16.00 -3.09 10.36	16.27 -2.10 2.44	13.69 -1.95 4.09	13.46 -1.58 0.78	13.39 -1.61 0.82	12.76 -1.84 3.99	16.85 -1.84 -0.30	14.45 -2.10 5.53	17.50 -3.20 7.39	15.41 -3.47 12.08	17.45 -3.31 9.09	19.06 -3.57 9.83	19.36 -3.52 9.38	19.38 -3.26 7.79	19.43 -3.67 9.96	18.97 -4.04 12.16	20.23 -4.33 12.77	22.75 -4.64 12.58	26.03 -4.91 11.78	27.20 -5.36 12.47	23.32 -4.46 11.31	22.58 -3.79 8.13	21.86 -3.04 6.74	18.96 -2.06 3.54

HUNTLEY___68 23562	16.00 -3.09 10.36	16.27 -2.10 2.44	13.69 -1.95 4.09	13.46 -1.58 0.78	13.39 -1.61 0.82	12.76 -1.84 3.99	16.85 -1.84 -0.30	14.45 -2.10 5.53	17.50 -3.20 7.39	15.41 -3.47 12.08	17.45 -3.31 9.09	19.06 -3.57 9.83	19.36 -3.52 9.38	19.38 -3.26 7.79	19.43 -3.67 9.96	18.97 -4.04 12.16	20.23 -4.33 12.77	22.75 -4.64 12.58	26.03 -4.91 11.78	27.20 -5.36 12.47	23.32 -4.46 11.31	22.58 -3.79 8.13	21.86 -3.04 6.74	18.96 -2.06 3.54
HYLAND___LFGE 323620	56.74 -0.47 -27.75	33.78 -0.46 -13.42	37.20 -0.38 -17.84	25.81 -0.35 -10.33	26.67 -0.41 -11.25	36.31 -0.41 -18.13	23.27 -0.39 -5.26	41.72 -0.49 -20.13	48.92 -1.18 -22.01	51.03 -1.45 -21.53	50.76 -1.61 -22.52	54.07 -1.88 -23.49	54.19 -1.93 -23.86	52.52 -1.79 -23.89	54.88 -1.92 -23.74	56.69 -1.87 -23.38	65.15 -1.79 -29.61	71.87 -1.48 -33.38	75.28 -1.07 -33.63	79.65 -0.99 -35.61	74.46 -0.39 -35.76	60.32 -0.38 -26.20	53.95 -0.35 -22.66	39.21 -0.29 -14.94
INDECK___CORINTH 23802	34.17 1.83 -2.88	34.39 1.25 -12.33	32.93 1.18 -12.00	31.86 0.97 -15.07	33.34 0.98 -16.53	32.78 1.13 -13.06	30.73 1.08 -11.25	32.33 1.32 -8.93	32.49 1.49 -2.90	34.61 1.64 -2.01	34.52 1.37 -3.29	34.85 1.43 -0.96	35.86 1.32 -2.28	35.85 1.06 -4.36	34.28 1.22 0.00	36.61 1.44 0.00	39.09 1.76 0.00	42.00 2.04 0.00	45.33 2.61 0.00	47.91 2.88 0.00	52.60 2.62 -10.90	42.44 2.31 -5.63	40.09 2.12 -6.33	34.94 1.55 -8.82
INDECK___ILION 23567	29.34 -0.12 0.00	20.69 -0.12 0.00	19.58 -0.16 0.00	15.66 -0.16 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.08 -0.31 0.00	21.75 -0.33 0.00	27.64 -0.45 0.00	30.46 -0.50 0.00	29.31 -0.54 0.00	31.84 -0.62 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.46 -0.59 0.00	34.29 -0.88 0.00	36.25 -1.08 0.00	38.72 -1.24 0.00	41.40 -1.32 0.00	43.59 -1.44 0.00	37.87 -1.21 0.00	33.36 -1.14 0.00	30.76 -0.89 0.00	23.90 -0.66 0.00
INDECK___OLEAN 23982	19.20 -1.30 8.96	18.21 -0.83 1.77	15.73 -0.75 3.26	14.99 -0.63 0.20	14.99 -0.65 0.19	14.72 -0.73 3.14	18.35 -0.68 -0.64	16.63 -0.79 4.65	20.04 -1.55 6.50	18.65 -1.58 10.72	20.38 -1.46 8.01	22.12 -1.59 8.75	22.37 -1.58 8.31	22.18 -1.43 6.81	22.54 -1.62 8.90	26.87 -2.11 6.19	29.30 -2.31 5.72	32.54 -2.44 4.99	36.08 -2.31 4.33	37.83 -2.61 4.58	33.94 -2.03 3.11	30.44 -1.69 2.37	28.63 -1.23 1.78	23.55 -0.69 0.33
INDECK___OSWEGO 23783	29.05 -0.62 -0.21	21.29 -0.42 -0.89	20.23 -0.38 -0.87	16.60 -0.32 -1.09	16.71 -0.32 -1.20	19.18 -0.35 -0.95	18.86 -0.35 -0.81	22.33 -0.40 -0.65	27.71 -0.59 -0.21	30.45 -0.65 -0.15	29.46 -0.63 -0.24	31.85 -0.68 -0.07	31.74 -0.68 -0.17	30.10 -0.64 -0.32	32.33 -0.73 0.00	34.33 -0.84 0.00	36.44 -0.90 0.00	39.00 -0.96 0.00	41.74 -0.98 0.00	44.04 -0.99 0.00	39.17 -0.70 -0.79	34.29 -0.62 -0.41	31.56 -0.54 -0.46	24.86 -0.34 -0.64
INDECK___YERKES 23781	17.04 -3.06 9.35	16.72 -2.10 1.99	14.37 -1.91 3.45	13.77 -1.57 0.49	13.72 -1.60 0.51	13.41 -1.82 3.36	16.97 -1.84 -0.41	15.25 -2.05 4.77	18.47 -3.15 6.48	15.89 -3.37 11.69	18.32 -3.19 8.34	19.98 -3.47 9.00	20.31 -3.42 8.52	20.44 -3.16 6.81	20.48 -3.47 9.10	19.71 -3.94 11.53	21.43 -4.22 11.68	24.30 -4.52 11.15	27.60 -4.83 10.29	28.86 -5.27 10.89	24.95 -4.38 9.76	23.78 -3.73 6.99	22.93 -2.94 5.77	19.58 -2.04 2.95
INDIAN POINT_GT_1 24139	33.96 2.06 -2.44	32.66 1.42 -10.44	31.22 1.32 -10.17	29.64 1.06 -12.76	30.89 1.06 -14.00	30.91 1.26 -11.06	29.26 1.36 -9.50	31.28 1.66 -7.54	32.68 2.14 -2.45	35.19 2.54 -1.70	35.08 2.45 -2.78	35.93 2.66 -0.81	36.89 2.71 -1.93	36.63 2.53 -3.68	35.80 2.74 0.00	38.16 2.99 0.00	40.43 3.10 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.40 3.38 0.00	51.29 3.01 -9.20	41.87 2.62 -4.75	39.42 2.44 -5.34	33.73 1.72 -7.44
INDIAN POINT_GT_2 23659	33.96 2.06 -2.44	32.66 1.42 -10.44	31.22 1.32 -10.17	29.64 1.06 -12.76	30.89 1.06 -14.00	30.91 1.26 -11.06	29.26 1.36 -9.50	31.28 1.66 -7.54	32.68 2.14 -2.45	35.19 2.54 -1.70	35.08 2.45 -2.78	35.93 2.66 -0.81	36.89 2.71 -1.93	36.63 2.53 -3.68	35.80 2.74 0.00	38.16 2.99 0.00	40.43 3.10 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.40 3.38 0.00	51.29 3.01 -9.20	41.87 2.62 -4.75	39.42 2.44 -5.34	33.73 1.72 -7.44
INDIAN POINT_GT_3 24019	33.96 2.06 -2.44	32.66 1.42 -10.44	31.22 1.32 -10.17	29.64 1.06 -12.76	30.89 1.06 -14.00	30.91 1.26 -11.06	29.26 1.36 -9.50	31.28 1.66 -7.54	32.68 2.14 -2.45	35.19 2.54 -1.70	35.08 2.45 -2.78	35.93 2.66 -0.81	36.89 2.71 -1.93	36.63 2.53 -3.68	35.80 2.74 0.00	38.16 2.99 0.00	40.43 3.10 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.40 3.38 0.00	51.29 3.01 -9.20	41.87 2.62 -4.75	39.42 2.44 -5.34	33.73 1.72 -7.44
INDIAN POINT___2 23530	33.94 2.06 -2.42	32.58 1.42 -10.36	31.15 1.32 -10.09	29.55 1.06 -12.66	30.78 1.06 -13.89	30.83 1.26 -10.98	29.16 1.34 -9.42	31.21 1.66 -7.48	32.66 2.13 -2.43	35.18 2.54 -1.69	35.06 2.45 -2.76	35.93 2.66 -0.81	36.85 2.68 -1.91	36.57 2.50 -3.65	35.77 2.71 0.00	38.13 2.95 0.00	40.43 3.10 0.00	43.24 3.28 0.00	46.01 3.29 0.00	48.41 3.38 0.00	51.22 3.01 -9.13	41.80 2.59 -4.71	39.38 2.44 -5.30	33.65 1.69 -7.39
INDIAN POINT___3 23531	33.93 2.03 -2.44	32.65 1.39 -10.44	31.23 1.32 -10.17	29.65 1.06 -12.77	30.89 1.06 -14.01	30.90 1.25 -11.06	29.24 1.34 -9.50	31.26 1.63 -7.55	32.65 2.11 -2.45	35.16 2.51 -1.70	35.05 2.42 -2.78	35.90 2.63 -0.81	36.86 2.68 -1.93	36.57 2.46 -3.68	35.77 2.71 0.00	38.09 2.92 0.00	40.40 3.06 0.00	43.24 3.28 0.00	46.01 3.29 0.00	48.36 3.33 0.00	51.25 2.97 -9.20	41.84 2.59 -4.75	39.39 2.40 -5.34	33.71 1.70 -7.45
INDIANHD_69_KV_BK1 55831	35.01 3.09 -2.45	33.30 2.00 -10.49	31.75 1.80 -10.22	30.01 1.36 -12.83	31.36 1.46 -14.07	31.30 1.60 -11.12	29.78 1.84 -9.55	31.84 2.19 -7.58	33.45 2.89 -2.46	36.22 3.56 -1.71	43.69 3.31 -10.53	43.93 3.57 -7.90	44.05 3.55 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.53 3.90 -9.45	49.46 4.11 -8.02	49.56 4.48 -5.12	49.83 4.57 -2.54	49.85 4.68 -0.15	52.16 3.83 -9.24	48.61 3.59 -10.53	40.53 3.51 -5.37	34.43 2.38 -7.48
INGHAM_C_115KV_TB7 356103	29.34 -0.12 0.00	20.69 -0.12 0.00	19.58 -0.16 0.00	15.66 -0.16 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.08 -0.31 0.00	21.75 -0.33 0.00	27.64 -0.45 0.00	30.46 -0.50 0.00	29.31 -0.54 0.00	31.84 -0.62 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.46 -0.59 0.00	34.29 -0.88 0.00	36.25 -1.08 0.00	38.72 -1.24 0.00	41.40 -1.32 0.00	43.59 -1.44 0.00	37.87 -1.21 0.00	33.36 -1.14 0.00	30.76 -0.89 0.00	23.90 -0.66 0.00
IP CORINTH___1 23988	34.17 1.83 -2.88	34.39 1.25 -12.33	32.93 1.18 -12.00	31.86 0.97 -15.07	33.34 0.98 -16.53	32.78 1.13 -13.06	30.70 1.09 -11.22	32.31 1.32 -8.91	32.49 1.49 -2.90	34.61 1.64 -2.01	34.51 1.37 -3.29	34.85 1.43 -0.96	35.86 1.32 -2.28	35.85 1.06 -4.36	34.31 1.26 0.00	36.61 1.44 0.00	39.09 1.75 0.00	42.00 2.04 0.00	45.33 2.61 0.00	47.91 2.88 0.00	52.60 2.62 -10.90	42.44 2.31 -5.63	40.09 2.12 -6.33	34.94 1.55 -8.82

IP___TICONDEROGA 23804	35.20 2.86 -2.87	35.08 1.96 -12.31	33.56 1.84 -11.99	32.38 1.50 -15.06	33.88 1.54 -16.52	33.42 1.78 -13.05	31.28 1.67 -11.21	32.96 1.99 -8.90	33.13 2.14 -2.90	35.35 2.38 -2.01	35.23 2.09 -3.29	35.56 2.14 -0.96	36.51 1.97 -2.28	36.45 1.67 -4.35	35.00 1.95 0.00	37.42 2.25 0.00	40.02 2.69 0.00	43.16 3.20 0.00	46.65 3.93 0.00	49.44 4.41 0.00	54.00 4.03 -10.89	43.68 3.55 -5.62	41.19 3.23 -6.32	35.74 2.36 -8.81
ISLIP_RES_REC 323679	35.25 3.33 -2.46	33.47 2.16 -10.49	31.89 1.94 -10.22	30.12 1.47 -12.83	31.49 1.58 -14.07	31.45 1.75 -11.12	29.91 1.97 -9.54	31.99 2.34 -7.58	33.65 3.09 -2.46	36.44 3.77 -1.71	43.87 3.49 -10.53	44.15 3.80 -7.90	44.24 3.74 -8.24	46.32 3.47 -12.43	48.69 3.77 -11.87	48.77 4.15 -9.45	49.75 4.40 -8.02	49.92 4.83 -5.12	50.25 5.00 -2.54	50.30 5.13 -0.15	52.51 4.18 -9.24	48.85 3.83 -10.53	40.75 3.73 -5.38	34.58 2.53 -7.48
JAMAICA__27_KV_LOAD 355505	34.21 2.30 -2.45	32.86 1.56 -10.49	31.41 1.46 -10.22	29.84 1.19 -12.83	31.09 1.19 -14.07	31.12 1.41 -11.12	29.51 1.56 -9.55	31.60 1.94 -7.58	33.06 2.50 -2.46	35.63 2.97 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.41 3.24 0.00	40.77 3.43 0.00	43.64 3.68 0.00	46.44 3.72 0.00	48.81 3.78 0.00	51.65 3.32 -9.24	42.14 2.86 -4.78	39.80 2.78 -5.37	33.99 1.94 -7.48
JANIS___SOLAR 323808	34.66 0.91 -4.28	25.70 0.58 -4.31	24.89 0.59 -4.56	21.08 0.46 -4.79	21.52 0.44 -5.25	24.01 0.56 -4.87	22.20 0.42 -3.38	26.57 0.57 -3.92	30.96 0.39 -2.47	33.57 0.37 -2.24	32.72 0.24 -2.63	34.87 0.32 -2.09	35.08 0.36 -2.46	33.79 0.37 -3.00	35.37 0.46 -1.85	37.35 0.49 -1.68	40.07 0.63 -2.10	43.24 0.92 -2.35	46.24 1.15 -2.36	48.74 1.22 -2.50	46.22 1.40 -5.73	39.00 1.17 -3.33	35.92 1.01 -3.27	28.79 0.84 -3.39
JARVIS____ 23743	29.64 0.18 0.00	20.94 0.13 0.00	19.86 0.12 0.00	15.92 0.10 0.00	15.92 0.10 0.00	18.70 0.11 0.00	18.50 0.11 0.00	22.21 0.13 0.00	28.23 0.14 0.00	31.11 0.16 0.00	30.00 0.15 0.00	32.62 0.16 0.00	32.45 0.19 0.00	30.61 0.18 0.00	33.25 0.20 0.00	35.38 0.21 0.00	37.52 0.19 0.00	40.16 0.20 0.00	42.93 0.21 0.00	45.25 0.23 0.00	39.32 0.24 0.00	34.71 0.21 0.00	31.83 0.19 0.00	24.72 0.15 0.00
JENNISON___1 23625	33.64 1.24 -2.94	26.82 0.83 -5.18	25.79 0.83 -5.22	22.58 0.66 -6.10	23.15 0.63 -6.69	24.98 0.76 -5.63	23.34 0.50 -4.45	26.87 0.66 -4.13	30.64 0.62 -1.93	33.36 0.80 -1.60	32.67 0.72 -2.10	34.69 0.97 -1.26	35.06 1.03 -1.77	33.92 0.94 -2.55	35.02 1.06 -0.90	36.30 1.13 0.00	38.45 1.12 0.00	41.20 1.24 0.00	44.09 1.37 0.00	46.42 1.40 0.00	44.99 1.49 -4.42	37.86 1.21 -2.16	35.14 1.08 -2.43	28.83 0.88 -3.38
JENNISON___2 23626	33.64 1.24 -2.94	26.82 0.83 -5.18	25.79 0.83 -5.22	22.58 0.66 -6.10	23.15 0.63 -6.69	24.98 0.76 -5.63	23.34 0.50 -4.45	26.87 0.66 -4.13	30.64 0.62 -1.93	33.36 0.80 -1.60	32.67 0.72 -2.10	34.69 0.97 -1.26	35.06 1.03 -1.77	33.92 0.94 -2.55	35.02 1.06 -0.90	36.30 1.13 0.00	38.45 1.12 0.00	41.20 1.24 0.00	44.09 1.37 0.00	46.42 1.40 0.00	44.99 1.49 -4.42	37.86 1.21 -2.16	35.14 1.08 -2.43	28.83 0.88 -3.38
JERICHO_RISE_WT_PWR 323719	29.29 -0.18 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.65 -0.17 0.00	15.67 -0.16 0.00	18.35 -0.24 0.00	18.15 -0.24 0.00	21.70 -0.38 0.00	27.67 -0.42 0.00	30.49 -0.46 0.00	29.40 -0.45 0.00	31.91 -0.55 0.00	31.68 -0.58 0.00	29.84 -0.58 0.00	32.49 -0.56 0.00	34.65 -0.53 0.00	36.96 -0.37 0.00	39.49 -0.48 0.00	42.25 -0.47 0.00	44.49 -0.54 0.00	38.50 -0.59 0.00	33.98 -0.52 0.00	30.98 -0.67 0.00	23.98 -0.59 0.00
KATONAH___115KV_46KV_TB4 355592	34.09 2.15 -2.47	32.90 1.50 -10.59	31.45 1.40 -10.31	29.89 1.12 -12.95	31.16 1.12 -14.21	31.15 1.34 -11.22	29.45 1.42 -9.64	31.45 1.72 -7.65	32.80 2.22 -2.49	35.34 2.66 -1.72	35.27 2.60 -2.82	36.14 2.86 -0.83	37.08 2.87 -1.95	36.86 2.71 -3.73	36.00 2.94 0.00	38.34 3.17 0.00	40.58 3.25 0.00	43.40 3.44 0.00	46.22 3.50 0.00	48.58 3.56 0.00	51.62 3.20 -9.33	42.08 2.76 -4.82	39.66 2.59 -5.42	33.94 1.82 -7.55
KCE_NY_1 323755	33.98 1.65 -2.87	34.26 1.14 -12.30	32.80 1.08 -11.98	31.73 0.87 -15.04	33.21 0.89 -16.50	32.64 1.02 -13.04	30.59 0.97 -11.23	32.18 1.19 -8.91	32.34 1.35 -2.90	34.45 1.49 -2.01	34.51 1.37 -3.28	34.88 1.46 -0.96	35.95 1.42 -2.28	36.05 1.28 -4.35	34.51 1.45 0.00	36.83 1.65 0.00	39.09 1.76 0.00	41.96 2.00 0.00	45.03 2.31 0.00	47.50 2.47 0.00	52.23 2.27 -10.88	42.15 2.03 -5.62	39.83 1.87 -6.32	34.77 1.40 -8.80
KCE_NY_6_ESR 323823	15.98 -2.68 10.81	16.35 -1.83 2.63	13.68 -1.68 4.37	13.57 -1.38 0.88	13.49 -1.41 0.93	12.69 -1.62 4.28	17.07 -1.60 -0.28	14.35 -1.83 5.89	17.40 -2.87 7.83	15.46 -3.06 12.43	17.45 -2.90 9.50	19.03 -3.15 10.28	19.29 -3.13 9.84	19.31 -2.86 8.25	19.45 -3.17 10.43	19.29 -3.59 12.30	20.49 -3.84 13.00	22.97 -4.12 12.88	26.28 -4.31 12.12	27.46 -4.73 12.84	23.67 -3.87 11.55	22.81 -3.35 8.34	22.10 -2.63 6.92	19.14 -1.79 3.63
KEDC_PORT_JEFF_GT2 24210	35.16 3.24 -2.46	33.40 2.10 -10.49	31.85 1.89 -10.22	30.09 1.44 -12.83	31.45 1.55 -14.07	31.40 1.69 -11.12	29.87 1.93 -9.54	31.95 2.30 -7.58	33.59 3.04 -2.46	36.37 3.71 -1.71	43.78 3.40 -10.53	44.06 3.70 -7.90	44.15 3.64 -8.24	46.23 3.38 -12.43	48.60 3.67 -11.87	48.67 4.04 -9.45	49.61 4.25 -8.02	49.76 4.67 -5.12	50.08 4.83 -2.54	50.12 4.95 -0.15	52.36 4.03 -9.24	48.75 3.73 -10.53	40.66 3.64 -5.38	34.51 2.46 -7.48
KEDC_PORT_JEFF_GT3 24211	35.16 3.24 -2.46	33.40 2.10 -10.49	31.85 1.89 -10.22	30.09 1.44 -12.83	31.45 1.55 -14.07	31.40 1.69 -11.12	29.87 1.93 -9.54	31.95 2.30 -7.58	33.59 3.04 -2.46	36.37 3.71 -1.71	43.78 3.40 -10.53	44.06 3.70 -7.90	44.15 3.64 -8.24	46.23 3.38 -12.43	48.60 3.67 -11.87	48.67 4.04 -9.45	49.61 4.25 -8.02	49.76 4.67 -5.12	50.08 4.83 -2.54	50.12 4.95 -0.15	52.36 4.03 -9.24	48.75 3.73 -10.53	40.66 3.64 -5.38	34.51 2.46 -7.48
KEDC_GLWD_GT4 24219	34.48 2.56 -2.46	33.01 1.71 -10.49	31.51 1.56 -10.22	29.87 1.22 -12.83	31.17 1.27 -14.07	31.16 1.45 -11.12	29.54 1.60 -9.54	31.60 1.94 -7.58	33.11 2.56 -2.46	35.76 3.10 -1.71	43.36 2.98 -10.53	43.60 3.25 -7.90	43.80 3.29 -8.24	45.90 3.04 -12.43	48.23 3.31 -11.87	48.21 3.59 -9.45	49.12 3.77 -8.02	49.12 4.03 -5.12	49.32 4.06 -2.54	49.36 4.19 -0.15	51.96 3.64 -9.24	48.23 3.21 -10.53	40.03 3.01 -5.38	34.14 2.09 -7.48
KEDC_GLWD_GT5 24220	34.48 2.56 -2.46	33.01 1.71 -10.49	31.51 1.56 -10.22	29.87 1.22 -12.83	31.17 1.27 -14.07	31.16 1.45 -11.12	29.54 1.60 -9.54	31.60 1.94 -7.58	33.11 2.56 -2.46	35.76 3.10 -1.71	43.36 2.98 -10.53	43.60 3.25 -7.90	43.80 3.29 -8.24	45.90 3.04 -12.43	48.23 3.31 -11.87	48.21 3.59 -9.45	49.12 3.77 -8.02	49.12 4.03 -5.12	49.32 4.06 -2.54	49.36 4.19 -0.15	51.96 3.64 -9.24	48.23 3.21 -10.53	40.03 3.01 -5.38	34.14 2.09 -7.48

KENSICO____ 23655	34.03 2.12 -2.45	32.75 1.46 -10.48	31.31 1.36 -10.21	29.75 1.11 -12.82	31.00 1.11 -14.06	31.00 1.30 -11.11	29.33 1.40 -9.54	31.37 1.72 -7.58	32.77 2.22 -2.46	35.29 2.63 -1.71	35.18 2.54 -2.79	36.04 2.76 -0.82	37.00 2.81 -1.93	36.70 2.59 -3.69	35.90 2.84 0.00	38.23 3.06 0.00	40.54 3.21 0.00	43.40 3.44 0.00	46.18 3.46 0.00	48.54 3.51 0.00	51.45 3.13 -9.24	41.96 2.69 -4.77	39.54 2.53 -5.37	33.81 1.77 -7.48
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.86 2.03 -2.37	32.34 1.39 -10.13	30.95 1.34 -9.87	29.27 1.06 -12.39	30.47 1.04 -13.59	30.55 1.23 -10.74	28.91 1.29 -9.23	30.95 1.55 -7.32	32.50 2.02 -2.38	34.92 2.32 -1.65	34.76 2.21 -2.70	35.68 2.43 -0.79	36.61 2.48 -1.87	36.31 2.31 -3.57	35.60 2.55 0.00	37.92 2.74 0.00	40.25 2.91 0.00	43.12 3.16 0.00	46.05 3.33 0.00	48.49 3.47 0.00	51.22 3.20 -8.93	41.77 2.66 -4.61	39.36 2.53 -5.19	33.57 1.77 -7.23
KIAC_JFK_GT1 23816	34.06 2.15 -2.45	32.76 1.46 -10.49	31.32 1.36 -10.22	29.76 1.11 -12.83	31.01 1.11 -14.07	31.02 1.32 -11.12	29.41 1.47 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.18 2.54 -2.79	36.04 2.76 -0.82	36.97 2.77 -1.94	36.68 2.56 -3.70	35.86 2.81 0.00	38.23 3.06 0.00	40.58 3.25 0.00	43.44 3.48 0.00	46.18 3.46 0.00	48.58 3.56 0.00	51.42 3.09 -9.24	41.93 2.66 -4.78	39.64 2.63 -5.37	33.87 1.82 -7.48
KIAC_JFK_GT2 23817	34.06 2.15 -2.45	32.76 1.46 -10.49	31.32 1.36 -10.22	29.76 1.11 -12.83	31.01 1.11 -14.07	31.02 1.32 -11.12	29.41 1.47 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.18 2.54 -2.79	36.04 2.76 -0.82	36.97 2.77 -1.94	36.68 2.56 -3.70	35.86 2.81 0.00	38.23 3.06 0.00	40.58 3.25 0.00	43.44 3.48 0.00	46.18 3.46 0.00	48.58 3.56 0.00	51.42 3.09 -9.24	41.93 2.66 -4.78	39.64 2.63 -5.37	33.87 1.82 -7.48
KIAC_JFK____ 323774	34.06 2.15 -2.45	32.76 1.46 -10.49	31.31 1.36 -10.22	29.76 1.11 -12.83	31.01 1.11 -14.07	31.02 1.32 -11.12	29.41 1.47 -9.54	31.48 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.18 2.54 -2.79	36.03 2.76 -0.82	36.97 2.77 -1.94	36.68 2.56 -3.70	35.83 2.78 0.00	38.23 3.06 0.00	40.58 3.25 0.00	43.44 3.48 0.00	46.18 3.46 0.00	48.58 3.56 0.00	51.42 3.09 -9.24	41.93 2.66 -4.78	39.64 2.62 -5.37	33.87 1.82 -7.48
KINTIGH_24_KV_GSU 356498	19.47 -3.12 6.87	17.76 -2.12 0.93	15.83 -1.97 1.93	14.40 -1.58 -0.16	14.41 -1.61 -0.19	14.92 -1.84 1.82	17.21 -1.82 -0.64	17.10 -2.08 2.90	20.71 -3.12 4.26	18.91 -3.37 8.67	20.83 -3.22 5.79	22.65 -3.51 6.30	22.93 -3.45 5.88	22.79 -3.19 4.44	23.18 -3.50 6.37	22.78 -3.91 8.49	24.85 -4.18 8.31	27.82 -4.48 7.67	31.02 -4.74 6.95	32.49 -5.18 7.36	28.21 -4.30 6.58	26.27 -3.69 4.53	24.94 -3.01 3.69	20.75 -2.11 1.71
KINTIGH____ 23543	19.47 -3.12 6.87	17.76 -2.12 0.93	15.83 -1.97 1.93	14.40 -1.58 -0.16	14.41 -1.61 -0.19	14.92 -1.84 1.82	17.21 -1.82 -0.64	17.10 -2.08 2.90	20.71 -3.12 4.26	18.88 -3.40 8.67	20.83 -3.22 5.79	22.65 -3.51 6.30	22.93 -3.45 5.88	22.79 -3.19 4.44	23.11 -3.57 6.37	22.78 -3.90 8.49	24.85 -4.18 8.30	27.82 -4.48 7.67	31.03 -4.74 6.95	32.49 -5.18 7.36	28.21 -4.30 6.58	26.31 -3.66 4.53	24.95 -3.01 3.69	20.77 -2.09 1.71
KNTFSRNC_46_KV_46KV_LOAD 80397	29.96 0.50 0.00	21.04 0.23 0.00	19.87 0.14 0.00	15.98 0.16 0.00	16.02 0.19 0.00	18.77 0.19 0.00	18.54 0.15 0.00	22.16 0.09 0.00	28.21 0.11 0.00	31.08 0.12 0.00	29.97 0.12 0.00	32.56 0.10 0.00	32.29 0.03 0.00	30.39 -0.03 0.00	33.15 0.10 0.00	35.38 0.21 0.00	37.86 0.52 0.00	40.04 0.08 0.00	42.89 0.17 0.00	45.07 0.05 0.00	39.08 0.00 0.00	34.46 -0.03 0.00	31.39 -0.25 0.00	24.30 -0.27 0.00
LACHUTE____HYDRO 323717	35.19 2.86 -2.87	35.08 1.96 -12.31	33.56 1.84 -11.99	32.38 1.50 -15.06	33.88 1.53 -16.52	33.42 1.78 -13.05	31.30 1.67 -11.24	32.99 1.99 -8.92	33.13 2.13 -2.90	35.35 2.38 -2.01	35.23 2.09 -3.29	35.56 2.14 -0.96	36.47 1.94 -2.28	36.45 1.67 -4.35	35.00 1.95 0.00	37.43 2.25 0.00	40.02 2.69 0.00	43.16 3.20 0.00	46.65 3.93 0.00	49.44 4.42 0.00	54.00 4.03 -10.89	43.68 3.55 -5.62	41.20 3.23 -6.32	35.74 2.36 -8.81
LAWRNCV_115KV_TB1 80681	29.21 -0.29 -0.04	20.64 -0.33 -0.16	19.52 -0.37 -0.16	15.77 -0.25 -0.20	15.82 -0.22 -0.17	18.46 -0.30 -0.15	18.23 -0.31 -0.15	21.66 -0.53 -0.12	27.48 -0.65 -0.04	30.24 -0.74 -0.03	29.18 -0.72 -0.04	31.66 -0.81 -0.01	31.42 -0.87 -0.03	29.60 -0.88 -0.06	32.26 -0.79 0.00	34.43 -0.74 0.00	36.77 -0.56 0.00	39.28 -0.68 0.00	42.21 -0.51 0.00	44.44 -0.59 0.00	38.68 -0.55 -0.14	34.09 -0.48 -0.07	31.09 -0.63 -0.08	24.19 -0.49 -0.11
LEDERLE____ 23769	34.05 2.18 -2.40	32.61 1.50 -10.30	31.19 1.42 -10.03	29.54 1.12 -12.59	30.77 1.12 -13.81	30.82 1.32 -10.91	29.18 1.42 -9.37	31.24 1.72 -7.44	32.73 2.22 -2.42	35.26 2.63 -1.68	35.13 2.54 -2.74	36.05 2.79 -0.80	36.97 2.81 -1.90	36.67 2.62 -3.63	35.93 2.88 0.00	38.27 3.10 0.00	40.58 3.25 0.00	43.40 3.44 0.00	46.18 3.46 0.00	48.58 3.56 0.00	51.36 3.20 -9.07	41.95 2.76 -4.69	39.51 2.59 -5.27	33.73 1.82 -7.34
LIGHTHSE_115KV_TB6 355974	29.42 -0.24 -0.20	21.45 -0.21 -0.84	20.38 -0.18 -0.82	16.70 -0.16 -1.03	16.80 -0.16 -1.13	19.31 -0.17 -0.89	18.96 -0.20 -0.77	22.51 -0.18 -0.61	27.90 -0.39 -0.20	30.69 -0.40 -0.14	29.66 -0.42 -0.22	32.10 -0.42 -0.07	31.99 -0.42 -0.16	30.33 -0.40 -0.30	32.59 -0.46 0.00	34.64 -0.53 0.00	36.74 -0.60 0.00	39.36 -0.60 0.00	42.29 -0.43 0.00	44.62 -0.41 0.00	39.71 -0.12 -0.74	34.85 -0.03 -0.38	32.01 -0.06 -0.43	25.17 0.00 -0.60
LINDEN COGEN____ 23786	34.03 2.12 -2.45	32.74 1.43 -10.49	31.31 1.36 -10.22	29.76 1.11 -12.83	31.01 1.11 -14.07	31.01 1.30 -11.12	29.37 1.44 -9.54	31.42 1.77 -7.58	32.83 2.27 -2.46	35.39 2.72 -1.71	35.24 2.60 -2.79	36.10 2.82 -0.82	37.03 2.84 -1.94	36.74 2.62 -3.70	35.90 2.84 0.00	38.30 3.13 0.00	40.62 3.29 0.00	43.44 3.48 0.00	46.22 3.50 0.00	48.58 3.56 0.00	51.46 3.13 -9.24	41.97 2.69 -4.78	39.55 2.53 -5.37	33.82 1.77 -7.48
LINDHRST_69_KV_BK1 356055	35.06 3.15 -2.45	33.36 2.06 -10.49	31.79 1.84 -10.22	30.06 1.41 -12.83	31.41 1.50 -14.07	31.38 1.67 -11.12	29.82 1.88 -9.55	31.91 2.25 -7.58	33.54 2.98 -2.46	36.31 3.65 -1.71	43.84 3.46 -10.53	44.12 3.77 -7.90	44.28 3.77 -8.24	46.38 3.53 -12.43	48.80 3.87 -11.87	48.77 4.15 -9.45	49.76 4.41 -8.02	49.80 4.72 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.55 4.22 -9.24	48.86 3.83 -10.53	40.68 3.67 -5.37	34.56 2.51 -7.48
LIPA_MISC_IPP 23656	35.21 3.30 -2.45	33.47 2.16 -10.49	31.89 1.93 -10.22	30.12 1.47 -12.83	31.49 1.58 -14.07	31.43 1.73 -11.12	29.91 1.97 -9.55	32.00 2.34 -7.58	33.62 3.06 -2.46	36.41 3.75 -1.71	43.75 3.37 -10.53	43.99 3.64 -7.90	44.05 3.55 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.60 3.97 -9.45	49.57 4.22 -8.02	49.76 4.68 -5.12	50.09 4.83 -2.54	50.12 4.95 -0.15	52.28 3.95 -9.24	48.65 3.62 -10.53	40.62 3.61 -5.37	34.48 2.43 -7.48

LISF___SOLAR 323691	35.28 3.36 -2.46	33.49 2.18 -10.49	31.93 1.97 -10.22	30.14 1.49 -12.83	31.50 1.60 -14.07	31.47 1.77 -11.12	29.92 1.99 -9.54	32.02 2.36 -7.58	33.65 3.09 -2.46	36.44 3.77 -1.71	43.78 3.40 -10.53	44.02 3.67 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.63 4.01 -9.45	49.61 4.25 -8.02	49.84 4.75 -5.12	50.17 4.91 -2.54	50.21 5.04 -0.15	52.36 4.03 -9.24	48.72 3.69 -10.53	40.66 3.64 -5.38	34.51 2.46 -7.48
LITTLE FALLS___HYD 24013	29.34 -0.12 0.00	20.69 -0.12 0.00	19.58 -0.16 0.00	15.66 -0.16 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.08 -0.31 0.00	21.75 -0.33 0.00	27.64 -0.45 0.00	30.46 -0.50 0.00	29.31 -0.54 0.00	31.84 -0.62 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.46 -0.59 0.00	34.29 -0.88 0.00	36.25 -1.08 0.00	38.72 -1.24 0.00	41.40 -1.32 0.00	43.59 -1.44 0.00	37.87 -1.21 0.00	33.36 -1.14 0.00	30.76 -0.89 0.00	23.90 -0.66 0.00
LITTLRIV_115KV_TB1 356100	29.36 -0.15 -0.04	20.73 -0.25 -0.17	19.63 -0.28 -0.17	15.86 -0.17 -0.21	15.90 -0.16 -0.23	18.55 -0.22 -0.18	18.29 -0.26 -0.16	21.74 -0.46 -0.12	27.49 -0.65 -0.04	30.21 -0.77 -0.03	29.12 -0.78 -0.05	31.53 -0.94 -0.01	31.29 -1.00 -0.03	29.48 -1.00 -0.06	32.20 -0.86 0.00	34.40 -0.77 0.00	36.85 -0.49 0.00	39.40 -0.56 0.00	42.42 -0.30 0.00	44.71 -0.32 0.00	39.00 -0.23 -0.15	34.34 -0.24 -0.08	31.29 -0.44 -0.09	24.35 -0.34 -0.12
LI_NEWBRDGE___DRP 323616	34.68 2.77 -2.45	33.11 1.81 -10.49	31.59 1.64 -10.22	29.90 1.25 -12.83	31.23 1.33 -14.07	31.19 1.49 -11.12	29.62 1.67 -9.55	31.67 2.01 -7.58	33.23 2.67 -2.46	35.94 3.28 -1.71	43.42 3.04 -10.53	43.67 3.31 -7.90	43.83 3.32 -8.24	45.96 3.10 -12.43	48.30 3.37 -11.87	48.28 3.66 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.45 4.28 -0.15	51.96 3.63 -9.24	48.30 3.28 -10.53	40.21 3.20 -5.37	34.24 2.19 -7.48
LOCKPORT_115KV_TB60_63_64 80432	18.00 -3.18 8.28	17.15 -2.14 1.52	14.98 -1.99 2.76	14.01 -1.61 0.20	14.00 -1.63 0.19	14.03 -1.88 2.68	16.83 -2.08 -0.52	16.01 -2.12 3.95	19.40 -3.23 5.47	15.87 -3.53 11.56	18.88 -3.37 7.60	20.65 -3.64 8.17	21.04 -3.58 7.63	21.38 -3.32 5.73	21.13 -3.70 8.22	19.77 -4.12 11.29	22.06 -4.41 10.87	25.36 -4.72 9.89	28.71 -5.13 8.88	30.04 -5.58 9.41	26.04 -4.69 8.36	24.69 -3.86 5.95	23.68 -3.07 4.89	20.07 -2.06 2.43
LOCKPORT___CC1 323769	17.55 -3.21 8.70	16.92 -2.18 1.70	14.70 -2.01 3.02	13.87 -1.63 0.32	13.84 -1.66 0.33	13.75 -1.90 2.94	16.80 -2.06 -0.47	15.68 -2.14 4.26	18.97 -3.29 5.84	15.66 -3.56 11.73	18.54 -3.40 7.91	20.24 -3.70 8.52	20.62 -3.65 7.99	20.95 -3.35 6.13	20.78 -3.70 8.58	19.42 -4.19 11.57	21.52 -4.48 11.34	24.68 -4.80 10.48	28.04 -5.17 9.51	29.33 -5.63 10.07	25.39 -4.69 9.00	24.14 -3.93 6.42	23.25 -3.10 5.29	19.75 -2.14 2.68
LOCKPORT___CC2 323770	17.55 -3.21 8.70	16.92 -2.18 1.70	14.70 -2.01 3.02	13.87 -1.63 0.32	13.84 -1.66 0.33	13.75 -1.90 2.94	16.80 -2.06 -0.47	15.68 -2.14 4.26	18.97 -3.29 5.84	15.66 -3.56 11.73	18.54 -3.40 7.91	20.24 -3.70 8.52	20.62 -3.65 7.99	20.95 -3.35 6.13	20.78 -3.70 8.58	19.42 -4.19 11.57	21.52 -4.48 11.34	24.68 -4.80 10.48	28.04 -5.17 9.51	29.33 -5.63 10.07	25.39 -4.69 9.00	24.14 -3.93 6.42	23.25 -3.10 5.29	19.75 -2.14 2.68
LOCKPORT___CC3 323771	17.55 -3.21 8.70	16.92 -2.18 1.70	14.70 -2.01 3.02	13.87 -1.63 0.32	13.84 -1.66 0.33	13.75 -1.90 2.94	16.80 -2.06 -0.47	15.68 -2.14 4.26	18.97 -3.29 5.84	15.66 -3.56 11.73	18.54 -3.40 7.91	20.24 -3.70 8.52	20.62 -3.65 7.99	20.95 -3.35 6.13	20.78 -3.70 8.58	19.42 -4.19 11.57	21.52 -4.48 11.34	24.68 -4.80 10.48	28.04 -5.17 9.51	29.33 -5.63 10.07	25.39 -4.69 9.00	24.14 -3.93 6.42	23.25 -3.10 5.29	19.75 -2.14 2.68
LOCUSVLY_69_KV_BK2 55797	34.65 2.74 -2.45	33.11 1.81 -10.49	31.61 1.66 -10.22	29.93 1.28 -12.83	31.25 1.35 -14.07	31.21 1.51 -11.12	29.64 1.69 -9.55	31.71 2.05 -7.58	33.25 2.70 -2.46	35.97 3.31 -1.71	43.51 3.13 -10.53	43.80 3.44 -7.90	43.96 3.45 -8.24	46.08 3.22 -12.43	48.43 3.50 -11.87	48.39 3.76 -9.45	49.31 3.96 -8.02	49.28 4.20 -5.12	49.53 4.27 -2.54	49.58 4.41 -0.15	52.08 3.75 -9.24	48.41 3.38 -10.53	40.24 3.23 -5.37	34.26 2.21 -7.48
LONG_LAKE_PHOENIX 24014	29.06 -0.62 -0.21	21.31 -0.42 -0.92	20.26 -0.37 -0.89	16.63 -0.32 -1.12	16.74 -0.32 -1.23	19.21 -0.35 -0.97	18.86 -0.37 -0.84	22.34 -0.40 -0.66	27.72 -0.59 -0.22	30.45 -0.65 -0.15	29.47 -0.63 -0.24	31.85 -0.68 -0.07	31.75 -0.68 -0.17	30.14 -0.61 -0.32	32.29 -0.76 0.00	34.33 -0.84 0.00	36.48 -0.86 0.00	39.04 -0.92 0.00	41.74 -0.98 0.00	44.04 -0.99 0.00	39.19 -0.70 -0.81	34.30 -0.62 -0.42	31.58 -0.54 -0.47	24.86 -0.37 -0.66
LOVETT___3 23632	33.91 2.03 -2.41	32.54 1.39 -10.33	31.12 1.32 -10.07	29.52 1.06 -12.64	30.75 1.06 -13.86	30.79 1.25 -10.95	29.14 1.34 -9.41	31.18 1.63 -7.47	32.63 2.11 -2.43	35.14 2.51 -1.68	35.02 2.42 -2.75	35.89 2.63 -0.81	36.81 2.65 -1.91	36.53 2.46 -3.64	35.77 2.71 0.00	38.09 2.92 0.00	40.40 3.06 0.00	43.20 3.24 0.00	45.97 3.25 0.00	48.36 3.33 0.00	51.16 2.97 -9.11	41.76 2.55 -4.70	39.34 2.40 -5.29	33.63 1.70 -7.37
LOVETT___4 23642	33.91 2.03 -2.41	32.54 1.39 -10.33	31.12 1.32 -10.07	29.52 1.06 -12.64	30.75 1.06 -13.86	30.79 1.25 -10.95	29.14 1.34 -9.41	31.18 1.63 -7.47	32.63 2.11 -2.43	35.14 2.51 -1.68	35.02 2.42 -2.75	35.89 2.63 -0.81	36.81 2.65 -1.91	36.53 2.46 -3.64	35.77 2.71 0.00	38.09 2.92 0.00	40.40 3.06 0.00	43.20 3.24 0.00	45.97 3.25 0.00	48.36 3.33 0.00	51.16 2.97 -9.11	41.76 2.55 -4.70	39.34 2.40 -5.29	33.63 1.70 -7.37
LOVETT___5 23593	33.91 2.03 -2.41	32.54 1.39 -10.33	31.12 1.32 -10.07	29.52 1.06 -12.64	30.75 1.06 -13.86	30.79 1.25 -10.95	29.14 1.34 -9.41	31.18 1.63 -7.47	32.63 2.11 -2.43	35.14 2.51 -1.68	35.02 2.42 -2.75	35.89 2.63 -0.81	36.81 2.65 -1.91	36.53 2.46 -3.64	35.77 2.71 0.00	38.09 2.92 0.00	40.40 3.06 0.00	43.20 3.24 0.00	45.97 3.25 0.00	48.36 3.33 0.00	51.16 2.97 -9.11	41.76 2.55 -4.70	39.34 2.40 -5.29	33.63 1.70 -7.37
LOWER RAQUET___HYD 24057	29.15 -0.35 -0.04	20.62 -0.37 -0.18	19.52 -0.39 -0.18	15.78 -0.27 -0.22	15.82 -0.25 -0.24	18.45 -0.33 -0.19	18.21 -0.35 -0.17	21.63 -0.57 -0.13	27.41 -0.73 -0.04	30.18 -0.80 -0.03	29.09 -0.80 -0.05	31.57 -0.91 -0.01	31.36 -0.94 -0.03	29.51 -0.97 -0.06	32.16 -0.89 0.00	34.33 -0.84 0.00	36.70 -0.63 0.00	39.20 -0.76 0.00	42.16 -0.56 0.00	44.40 -0.63 0.00	38.70 -0.55 -0.16	34.06 -0.52 -0.08	31.07 -0.67 -0.09	24.18 -0.52 -0.13
LOWER___HUDSON 24059	33.62 1.33 -2.83	33.89 0.94 -12.14	32.45 0.89 -11.83	31.38 0.71 -14.85	32.83 0.71 -16.29	32.29 0.84 -12.87	30.27 0.79 -11.09	31.85 0.97 -8.80	32.11 1.15 -2.86	34.14 1.21 -1.98	34.26 1.16 -3.24	34.67 1.26 -0.95	35.73 1.23 -2.25	35.87 1.16 -4.30	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.60 1.64 0.00	44.56 1.84 0.00	47.01 1.98 0.00	51.62 1.80 -10.74	41.67 1.62 -5.55	39.37 1.49 -6.24	34.42 1.15 -8.69

LOWVILLE_115KV_TB2 356335	29.90 0.32 -0.11	21.32 0.02 -0.48	20.23 0.02 -0.47	16.43 0.02 -0.59	16.49 0.02 -0.65	19.08 -0.02 -0.51	18.74 -0.09 -0.44	22.36 -0.07 -0.35	27.95 -0.25 -0.11	30.82 -0.22 -0.08	29.65 -0.33 -0.13	32.24 -0.26 -0.04	31.93 -0.42 -0.09	30.11 -0.49 -0.17	32.66 -0.40 0.00	34.75 -0.42 0.00	36.92 -0.41 0.00	39.44 -0.52 0.00	43.28 0.56 0.00	45.70 0.68 0.00	40.33 0.82 -0.43	35.37 0.66 -0.22	32.40 0.51 -0.25	25.36 0.44 -0.34
LUTHERFT_115KV_GLOB_FND_222 355753	33.95 1.62 -2.87	34.24 1.12 -12.30	32.78 1.07 -11.98	31.72 0.85 -15.04	33.20 0.87 -16.50	32.65 1.02 -13.04	30.57 0.97 -11.20	32.14 1.17 -8.89	32.34 1.35 -2.90	34.42 1.45 -2.01	34.48 1.34 -3.28	34.85 1.43 -0.96	35.92 1.39 -2.28	36.05 1.28 -4.35	34.51 1.45 0.00	36.79 1.62 0.00	39.09 1.75 0.00	41.92 1.96 0.00	44.98 2.26 0.00	47.50 2.48 0.00	52.19 2.23 -10.88	42.12 2.00 -5.62	39.80 1.84 -6.32	34.75 1.38 -8.80
LUTHERNY_35_KV_BK2 355980	33.98 1.65 -2.87	34.26 1.14 -12.30	32.80 1.09 -11.98	31.73 0.87 -15.04	33.22 0.89 -16.50	32.65 1.02 -13.04	30.57 0.97 -11.20	32.16 1.19 -8.89	32.34 1.35 -2.90	34.45 1.49 -2.01	34.51 1.37 -3.28	34.88 1.46 -0.96	35.96 1.42 -2.28	36.05 1.28 -4.35	34.54 1.49 0.00	36.83 1.65 0.00	39.09 1.75 0.00	41.96 2.00 0.00	45.03 2.31 0.00	47.50 2.48 0.00	52.23 2.27 -10.88	42.15 2.04 -5.62	39.83 1.87 -6.32	34.77 1.40 -8.80
LWR__OSWEGATCHIE_HYD 23850	29.34 -0.21 -0.08	20.84 -0.31 -0.34	19.75 -0.32 -0.33	16.02 -0.22 -0.42	16.06 -0.22 -0.46	18.65 -0.30 -0.36	18.35 -0.35 -0.31	21.86 -0.46 -0.25	27.50 -0.67 -0.08	30.30 -0.71 -0.06	29.16 -0.78 -0.09	31.67 -0.81 -0.03	31.45 -0.87 -0.06	29.63 -0.91 -0.12	32.23 -0.83 0.00	34.33 -0.84 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	39.27 -0.12 -0.30	34.52 -0.14 -0.15	31.53 -0.28 -0.17	24.64 -0.17 -0.24
LYONS_FALL_HYD 23570	29.99 0.41 -0.11	21.42 0.13 -0.48	20.34 0.14 -0.47	16.52 0.11 -0.59	16.57 0.10 -0.64	19.19 0.09 -0.51	18.87 0.04 -0.44	22.51 0.09 -0.35	28.15 -0.06 -0.11	31.06 0.03 -0.08	29.92 -0.06 -0.13	32.56 0.07 -0.04	32.31 -0.03 -0.09	30.50 -0.09 -0.17	33.05 0.00 0.00	35.17 0.00 0.00	37.33 0.00 0.00	39.88 -0.08 0.00	43.40 0.68 0.00	45.84 0.81 0.00	40.44 0.94 -0.42	35.44 0.73 -0.22	32.46 0.57 -0.25	25.43 0.52 -0.34
MADISON__COUNTY_LFGE 323628	30.19 0.56 -0.16	21.85 0.33 -0.70	20.78 0.36 -0.68	16.97 0.28 -0.86	17.04 0.27 -0.94	19.65 0.32 -0.74	19.31 0.28 -0.64	22.98 0.40 -0.51	28.60 0.34 -0.17	31.50 0.43 -0.11	30.43 0.39 -0.19	33.03 0.52 -0.05	32.90 0.52 -0.13	31.16 0.49 -0.25	33.62 0.56 0.00	35.77 0.60 0.00	37.93 0.60 0.00	40.60 0.64 0.00	43.62 0.90 0.00	45.97 0.95 0.00	40.72 1.02 -0.62	35.68 0.86 -0.32	32.73 0.73 -0.36	25.71 0.64 -0.50
MALONE__115KV_TB1 356076	29.49 0.03 0.00	20.73 -0.08 0.00	19.58 -0.16 0.00	15.74 -0.08 0.00	15.77 -0.06 0.00	18.49 -0.09 0.00	18.26 -0.13 0.00	21.83 -0.24 0.00	27.81 -0.28 0.00	30.64 -0.31 0.00	29.52 -0.33 0.00	32.07 -0.39 0.00	31.81 -0.45 0.00	29.94 -0.49 0.00	32.69 -0.36 0.00	34.89 -0.28 0.00	37.30 -0.04 0.00	39.84 -0.12 0.00	42.68 -0.04 0.00	44.89 -0.14 0.00	38.93 -0.16 0.00	34.33 -0.17 0.00	31.26 -0.38 0.00	24.20 -0.37 0.00
MAPLEWOD_115KV_TB3 80458	33.49 1.21 -2.82	33.73 0.85 -12.06	32.30 0.81 -11.75	31.22 0.65 -14.75	32.66 0.65 -16.18	32.14 0.76 -12.79	30.09 0.72 -10.98	31.66 0.86 -8.72	31.97 1.04 -2.84	34.03 1.11 -1.97	34.14 1.07 -3.22	34.57 1.17 -0.94	35.65 1.16 -2.23	35.81 1.13 -4.26	34.34 1.29 0.00	36.54 1.37 0.00	38.68 1.34 0.00	41.48 1.52 0.00	44.30 1.58 0.00	46.78 1.76 0.00	51.30 1.56 -10.65	41.45 1.45 -5.50	39.16 1.33 -6.19	34.24 1.06 -8.62
MAPLE_RIDGE_WT_1 323574	29.20 -0.27 0.00	20.58 -0.23 0.00	19.48 -0.26 0.00	15.62 -0.21 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.12 -0.28 0.00	21.75 -0.33 0.00	27.67 -0.42 0.00	30.49 -0.46 0.00	29.34 -0.51 0.00	31.84 -0.62 0.00	31.64 -0.61 0.00	29.82 -0.61 0.00	32.39 -0.66 0.00	34.47 -0.70 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	41.78 -0.94 0.00	43.95 -1.08 0.00	38.11 -0.98 0.00	33.60 -0.90 0.00	30.76 -0.89 0.00	23.85 -0.71 0.00
MAPLE_RIDGE_WT_2 323611	29.20 -0.27 0.00	20.58 -0.23 0.00	19.48 -0.26 0.00	15.62 -0.21 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.12 -0.28 0.00	21.75 -0.33 0.00	27.67 -0.42 0.00	30.49 -0.46 0.00	29.34 -0.51 0.00	31.84 -0.62 0.00	31.64 -0.61 0.00	29.82 -0.61 0.00	32.39 -0.66 0.00	34.47 -0.70 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	41.78 -0.94 0.00	43.95 -1.08 0.00	38.11 -0.98 0.00	33.60 -0.90 0.00	30.76 -0.89 0.00	23.85 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	29.29 -0.18 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.66 -0.16 0.00	15.67 -0.16 0.00	18.36 -0.22 0.00	18.15 -0.24 0.00	21.70 -0.38 0.00	27.70 -0.39 0.00	30.49 -0.46 0.00	29.40 -0.45 0.00	31.94 -0.52 0.00	31.71 -0.55 0.00	29.84 -0.58 0.00	32.52 -0.53 0.00	34.68 -0.49 0.00	36.96 -0.37 0.00	39.52 -0.44 0.00	42.29 -0.43 0.00	44.49 -0.54 0.00	38.54 -0.55 0.00	34.02 -0.48 0.00	31.01 -0.63 0.00	24.00 -0.56 0.00
MARSHVLE_115KV_TB1 80742	34.35 1.68 -3.20	35.68 1.14 -13.72	34.19 1.09 -13.37	33.47 0.87 -16.78	35.12 0.89 -18.41	34.17 1.04 -14.54	31.86 0.97 -12.49	33.14 1.15 -9.92	32.45 1.12 -3.23	34.31 1.11 -2.24	34.41 0.90 -3.66	34.60 1.07 -1.07	35.96 1.16 -2.54	36.37 1.10 -4.85	34.38 1.32 0.00	36.79 1.62 0.00	38.94 1.61 0.00	41.92 1.96 0.00	44.98 2.26 0.00	47.59 2.57 0.00	53.62 2.42 -12.12	42.86 2.10 -6.26	40.71 2.03 -7.04	35.85 1.47 -9.81
MARSH_HILL_WT_PWR 323713	63.79 -1.41 -35.74	35.96 -1.10 -16.25	40.25 -1.07 -21.58	27.38 -0.97 -12.52	28.37 -1.09 -13.63	39.28 -1.25 -21.93	23.36 -1.42 -6.39	44.60 -1.81 -24.33	51.81 -2.87 -26.58	53.02 -3.19 -25.26	53.69 -3.11 -26.94	57.08 -3.51 -28.12	57.43 -3.45 -28.63	56.22 -3.07 -28.86	58.20 -3.31 -28.45	53.63 -3.24 -21.70	62.13 -3.40 -28.19	68.81 -3.44 -32.28	71.93 -3.55 -32.75	75.97 -3.74 -34.68	71.84 -2.81 -35.57	57.72 -2.48 -25.71	51.64 -2.28 -22.28	37.68 -1.74 -14.85
MCINTYRE_115KV_TB2 80467	29.53 0.03 -0.04	20.84 -0.12 -0.16	19.73 -0.16 -0.15	15.93 -0.08 -0.19	15.99 -0.05 -0.21	18.64 -0.11 -0.16	18.39 -0.15 -0.14	21.84 -0.35 -0.11	27.60 -0.53 -0.04	30.30 -0.68 -0.03	29.18 -0.72 -0.04	31.60 -0.88 -0.01	31.38 -0.90 -0.03	29.57 -0.91 -0.05	32.33 -0.73 0.00	34.57 -0.60 0.00	37.07 -0.26 0.00	39.64 -0.32 0.00	42.68 -0.04 0.00	44.98 -0.05 0.00	39.22 0.00 -0.14	34.57 0.00 -0.07	31.47 -0.25 -0.08	24.48 -0.20 -0.11
MECO____69_KV_BK1 80468	34.52 1.97 -3.08	35.36 1.35 -13.19	33.85 1.26 -12.85	32.98 1.03 -16.13	34.57 1.04 -17.70	33.79 1.23 -13.98	31.54 1.14 -12.01	32.93 1.32 -9.53	32.52 1.32 -3.11	34.41 1.30 -2.15	34.50 1.13 -3.52	34.69 1.20 -1.03	35.89 1.19 -2.44	36.21 1.13 -4.66	34.48 1.42 0.00	36.93 1.76 0.00	39.20 1.87 0.00	42.28 2.32 0.00	45.41 2.69 0.00	48.09 3.06 0.00	53.55 2.81 -11.65	43.00 2.48 -6.02	40.72 2.31 -6.77	35.69 1.70 -9.43

MENANDS__115KV_TB5 355628	33.39 1.12 -2.81	33.65 0.79 -12.04	32.24 0.77 -11.73	31.15 0.60 -14.73	32.59 0.60 -16.16	32.06 0.71 -12.76	30.02 0.66 -10.96	31.58 0.79 -8.70	31.88 0.96 -2.83	33.94 1.02 -1.96	34.08 1.01 -3.21	34.50 1.10 -0.94	35.55 1.06 -2.23	35.71 1.03 -4.25	34.24 1.19 0.00	36.44 1.27 0.00	38.57 1.23 0.00	41.32 1.36 0.00	44.17 1.45 0.00	46.60 1.58 0.00	51.08 1.37 -10.63	41.30 1.31 -5.49	39.02 1.20 -6.18	34.13 0.96 -8.60
MG INDUSTRY__DRP 24185	33.35 1.12 -2.77	33.48 0.81 -11.86	32.06 0.77 -11.55	30.94 0.62 -14.50	32.35 0.62 -15.91	31.88 0.72 -12.57	29.85 0.66 -10.80	31.42 0.77 -8.57	31.78 0.90 -2.79	33.88 0.99 -1.93	33.97 0.96 -3.16	34.42 1.04 -0.93	35.45 1.00 -2.19	35.58 0.97 -4.18	34.21 1.16 0.00	36.40 1.23 0.00	38.60 1.27 0.00	41.36 1.40 0.00	44.22 1.50 0.00	46.65 1.62 0.00	50.99 1.45 -10.46	41.21 1.31 -5.40	38.95 1.23 -6.08	33.99 0.96 -8.47
MID__OSWEGATCHIE_HYD 23849	29.34 -0.21 -0.08	20.84 -0.31 -0.34	19.75 -0.32 -0.33	16.02 -0.22 -0.42	16.06 -0.22 -0.46	18.65 -0.30 -0.36	18.35 -0.35 -0.31	21.86 -0.46 -0.25	27.50 -0.67 -0.08	30.30 -0.71 -0.06	29.16 -0.78 -0.09	31.67 -0.81 -0.03	31.45 -0.87 -0.06	29.63 -0.91 -0.12	32.23 -0.83 0.00	34.33 -0.84 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	39.27 -0.12 -0.30	34.52 -0.14 -0.15	31.53 -0.28 -0.17	24.64 -0.17 -0.24
MID__RAQUETTE_HYD 23851	29.15 -0.35 -0.04	20.62 -0.37 -0.18	19.52 -0.39 -0.18	15.78 -0.27 -0.22	15.82 -0.25 -0.24	18.44 -0.33 -0.19	18.21 -0.35 -0.17	21.63 -0.57 -0.13	27.41 -0.73 -0.04	30.18 -0.80 -0.03	29.09 -0.81 -0.05	31.56 -0.91 -0.01	31.32 -0.97 -0.03	29.51 -0.97 -0.06	32.16 -0.89 0.00	34.33 -0.84 0.00	36.70 -0.63 0.00	39.20 -0.76 0.00	42.16 -0.56 0.00	44.40 -0.63 0.00	38.70 -0.55 -0.16	34.06 -0.52 -0.08	31.07 -0.66 -0.09	24.18 -0.52 -0.13
MILLIKEN__1 23584	34.39 0.41 -4.51	24.41 0.27 -3.33	23.66 0.28 -3.64	19.58 0.21 -3.55	19.92 0.21 -3.88	22.72 0.28 -3.86	21.07 0.24 -2.43	25.70 0.33 -3.29	30.71 0.22 -2.39	33.44 0.25 -2.24	32.58 0.21 -2.52	34.88 0.23 -2.19	34.94 0.23 -2.45	33.50 0.27 -2.81	35.29 0.20 -2.04	37.30 0.28 -1.85	39.98 0.34 -2.31	43.07 0.52 -2.58	45.91 0.60 -2.59	48.40 0.63 -2.75	44.93 0.78 -5.07	38.21 0.69 -3.02	35.15 0.63 -2.87	27.83 0.54 -2.72
MILLIKEN__2 23585	34.39 0.41 -4.51	24.41 0.27 -3.33	23.66 0.28 -3.64	19.58 0.21 -3.55	19.92 0.21 -3.88	22.72 0.28 -3.86	21.07 0.24 -2.43	25.70 0.33 -3.29	30.71 0.22 -2.39	33.44 0.25 -2.24	32.58 0.21 -2.52	34.88 0.23 -2.19	34.94 0.23 -2.45	33.50 0.27 -2.81	35.29 0.20 -2.04	37.30 0.28 -1.85	39.98 0.34 -2.31	43.07 0.52 -2.58	45.91 0.60 -2.59	48.40 0.63 -2.75	44.93 0.78 -5.07	38.21 0.69 -3.02	35.15 0.63 -2.87	27.83 0.54 -2.72
MILLIKEN__DIESEL 23629	34.39 0.41 -4.51	24.41 0.27 -3.33	23.66 0.28 -3.64	19.58 0.21 -3.55	19.92 0.21 -3.88	22.72 0.28 -3.86	21.07 0.24 -2.43	25.70 0.33 -3.29	30.71 0.22 -2.39	33.44 0.25 -2.24	32.58 0.21 -2.52	34.88 0.23 -2.19	34.94 0.23 -2.45	33.50 0.27 -2.81	35.29 0.20 -2.04	37.30 0.28 -1.85	39.98 0.34 -2.31	43.07 0.52 -2.58	45.91 0.60 -2.59	48.40 0.63 -2.75	44.93 0.78 -5.07	38.21 0.69 -3.02	35.15 0.63 -2.87	27.83 0.54 -2.72
MILLSEAT__LFGE 323607	19.51 -2.59 7.36	17.91 -1.81 1.10	15.93 -1.66 2.15	14.56 -1.33 -0.07	14.55 -1.38 -0.10	14.98 -1.54 2.06	17.32 -1.69 -0.62	17.19 -1.68 3.21	20.83 -2.67 4.59	9.83 -2.91 18.22	17.79 -2.81 9.26	19.75 -3.05 9.66	20.62 -3.03 8.61	22.86 -2.77 4.79	20.60 -3.01 9.45	15.05 -3.38 16.75	20.24 -3.58 13.51	26.24 -3.84 9.89	31.09 -4.10 7.53	32.55 -4.50 7.97	28.38 -3.71 6.99	26.44 -3.10 4.95	25.16 -2.44 4.05	20.98 -1.67 1.92
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.00 2.09 -2.44	32.69 1.42 -10.46	31.27 1.34 -10.19	29.69 1.08 -12.79	30.94 1.08 -14.04	30.94 1.26 -11.09	29.28 1.36 -9.52	31.32 1.68 -7.56	32.71 2.16 -2.46	35.23 2.57 -1.70	35.11 2.48 -2.78	35.97 2.69 -0.82	36.90 2.71 -1.93	36.64 2.53 -3.69	35.83 2.78 0.00	38.16 2.99 0.00	40.47 3.14 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.45 3.42 0.00	51.35 3.05 -9.22	41.88 2.62 -4.76	39.47 2.47 -5.36	33.75 1.72 -7.46
MILLWOOD_13_KV_LOAD 356217	34.06 2.15 -2.44	32.75 1.48 -10.46	31.31 1.38 -10.19	29.72 1.11 -12.79	30.97 1.11 -14.04	31.00 1.32 -11.09	29.32 1.40 -9.52	31.34 1.70 -7.56	32.74 2.19 -2.46	35.29 2.63 -1.70	35.17 2.54 -2.78	36.07 2.79 -0.82	37.00 2.81 -1.93	36.73 2.62 -3.69	35.90 2.84 0.00	38.27 3.10 0.00	40.54 3.21 0.00	43.36 3.40 0.00	46.18 3.46 0.00	48.54 3.51 0.00	51.43 3.13 -9.22	41.99 2.73 -4.76	39.53 2.53 -5.36	33.80 1.77 -7.46
MODEL_CITY_ENERGY 24167	17.46 -3.36 8.64	16.84 -2.27 1.70	14.61 -2.11 3.01	13.82 -1.69 0.31	13.79 -1.72 0.31	13.67 -1.97 2.94	16.61 -2.26 -0.48	15.58 -2.23 4.27	18.86 -3.40 5.83	16.14 -3.72 11.09	18.64 -3.52 7.69	20.32 -3.83 8.31	20.63 -3.81 7.82	20.81 -3.50 6.12	20.80 -3.87 8.39	19.85 -4.36 10.96	21.74 -4.67 10.93	24.65 -5.04 10.28	27.82 -5.47 9.44	29.05 -5.99 9.99	25.17 -5.00 8.91	24.01 -4.14 6.34	23.15 -3.26 5.23	19.70 -2.24 2.63
MODERN_LFGE__ 323580	17.46 -3.36 8.64	16.84 -2.27 1.70	14.61 -2.11 3.01	13.82 -1.69 0.31	13.79 -1.72 0.31	13.67 -1.97 2.94	16.61 -2.26 -0.48	15.58 -2.23 4.27	18.86 -3.40 5.83	16.14 -3.72 11.09	18.64 -3.52 7.69	20.32 -3.83 8.31	20.63 -3.81 7.82	20.81 -3.50 6.12	20.80 -3.87 8.39	19.85 -4.36 10.96	21.74 -4.67 10.93	24.65 -5.04 10.28	27.82 -5.47 9.44	29.05 -5.99 9.99	25.17 -5.00 8.91	24.01 -4.14 6.34	23.15 -3.26 5.23	19.70 -2.24 2.63
MOHAWK_PAPER__DRP 24187	33.49 1.21 -2.82	33.73 0.85 -12.06	32.30 0.81 -11.75	31.22 0.65 -14.75	32.66 0.65 -16.18	32.14 0.76 -12.79	30.09 0.72 -10.98	31.66 0.86 -8.72	31.97 1.04 -2.84	34.03 1.11 -1.97	34.14 1.07 -3.22	34.57 1.17 -0.94	35.65 1.16 -2.23	35.81 1.13 -4.26	34.34 1.29 0.00	36.54 1.37 0.00	38.68 1.34 0.00	41.48 1.52 0.00	44.30 1.58 0.00	46.78 1.76 0.00	51.30 1.56 -10.65	41.45 1.45 -5.50	39.16 1.33 -6.19	34.24 1.06 -8.62
MOHICAN__35_KV_115KV_LD 80490	34.28 1.94 -2.87	34.45 1.33 -12.31	32.99 1.26 -11.99	31.88 1.01 -15.05	33.38 1.04 -16.51	32.84 1.21 -13.04	30.76 1.16 -11.20	32.36 1.39 -8.90	32.57 1.57 -2.90	34.70 1.73 -2.01	34.63 1.49 -3.29	34.98 1.56 -0.96	35.99 1.45 -2.28	35.99 1.22 -4.35	34.51 1.45 0.00	36.79 1.62 0.00	39.24 1.90 0.00	42.16 2.20 0.00	45.45 2.73 0.00	48.04 3.02 0.00	52.70 2.74 -10.88	42.57 2.45 -5.62	40.18 2.21 -6.32	35.02 1.65 -8.81
MONGAUP__HYD 23641	33.71 1.91 -2.33	32.11 1.31 -9.98	30.70 1.24 -9.72	29.01 0.98 -12.21	30.20 0.98 -13.39	30.32 1.15 -10.58	28.67 1.19 -9.08	30.68 1.39 -7.21	32.21 1.77 -2.34	34.59 2.01 -1.62	34.42 1.91 -2.66	35.28 2.05 -0.78	36.17 2.07 -1.84	35.89 1.95 -3.52	35.17 2.12 0.00	37.49 2.32 0.00	39.84 2.50 0.00	42.72 2.76 0.00	45.71 2.99 0.00	48.18 3.15 0.00	50.81 2.93 -8.80	41.49 2.45 -4.54	39.09 2.34 -5.11	33.31 1.62 -7.12

MONTAUK___DIESEL 23721	35.39 3.48 -2.45	33.63 2.33 -10.49	32.05 2.09 -10.22	30.22 1.57 -12.83	31.60 1.69 -14.07	31.51 1.80 -11.12	29.93 1.99 -9.55	32.00 2.34 -7.58	33.59 3.03 -2.46	36.34 3.68 -1.71	43.66 3.28 -10.53	43.83 3.47 -7.90	43.86 3.35 -8.24	45.96 3.10 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.53 4.18 -8.02	49.48 4.40 -5.12	49.74 4.49 -2.54	49.63 4.46 -0.15	51.65 3.32 -9.24	47.99 2.97 -10.53	39.92 2.91 -5.37	33.89 1.84 -7.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.60 -2.71 10.16	16.60 -1.89 2.32	13.98 -1.78 3.98	13.66 -1.53 0.63	13.53 -1.65 0.65	12.76 -1.95 3.88	16.90 -1.91 -0.42	14.27 -2.34 5.46	17.25 -3.46 7.39	15.51 -3.65 11.79	17.35 -3.52 8.98	18.88 -3.83 9.75	19.14 -3.81 9.32	19.15 -3.50 7.77	19.25 -3.90 9.91	20.79 -4.33 10.06	22.33 -4.63 10.37	25.03 -4.88 10.05	28.33 -5.04 9.35	29.72 -5.40 9.90	26.08 -4.46 8.54	24.40 -3.90 6.21	23.34 -3.23 5.08	19.89 -2.24 2.44
MORRIS_RIDGE___SOLAR 323848	-1.01 -1.74 28.74	6.57 -1.29 12.95	-0.28 -1.20 18.82	6.89 -1.03 7.91	6.17 -1.09 8.56	-1.45 -1.23 18.81	14.35 -1.32 2.72	-2.43 -1.57 22.94	-1.92 -2.42 27.60	-2.48 -2.63 30.80	-2.03 -2.57 29.31	-1.84 -2.92 31.38	-1.76 -2.87 31.14	-1.72 -2.62 29.53	-1.74 -2.84 31.95	-5.27 -3.06 37.38	-11.04 -3.17 45.20	-12.79 -3.28 49.47	-9.73 -3.33 49.12	-10.55 -3.56 52.01	-7.17 -2.74 43.52	-4.02 -2.42 36.11	-1.10 -2.09 30.65	4.61 -1.55 18.41
MORTIMER_115KV_TB3 55949	25.71 -1.68 2.07	20.96 -1.19 -1.33	19.95 -1.09 -1.30	16.58 -0.87 -1.63	16.71 -0.90 -1.79	19.00 -1.00 -1.41	18.67 -0.94 -1.21	21.98 -1.06 -0.96	26.81 -1.60 -0.32	30.84 -1.70 -1.59	29.00 -1.67 -0.82	31.23 -1.79 -0.55	31.09 -1.77 -0.60	29.29 -1.61 -0.47	31.64 -1.82 -0.41	34.41 -1.93 -1.18	35.98 -2.05 -0.70	38.01 -2.20 -0.25	40.37 -2.35 0.00	42.42 -2.61 0.00	37.59 -2.07 -0.58	33.31 -1.79 -0.61	30.84 -1.49 -0.68	24.46 -1.06 -0.95
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.12 2.21 -2.45	32.82 1.52 -10.49	31.38 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48
MUNSVILLE_WIND_PWR 323609	34.63 1.56 -3.61	26.55 1.00 -4.74	25.64 1.01 -4.89	22.08 0.81 -5.45	22.56 0.76 -5.97	24.75 0.91 -5.25	22.97 0.66 -3.92	27.01 0.91 -4.03	31.08 0.79 -2.20	33.83 0.96 -1.92	32.96 0.75 -2.36	35.24 1.10 -1.67	35.53 1.16 -2.11	34.29 1.09 -2.77	35.72 1.29 -1.38	37.77 1.34 -1.26	40.25 1.34 -1.58	43.28 1.56 -1.76	46.33 1.84 -1.77	48.84 1.93 -1.88	46.81 2.07 -5.66	39.34 1.66 -3.19	36.23 1.36 -3.23	29.32 1.13 -3.62
N SALMON___HYD 24042	29.49 0.03 0.00	20.73 -0.08 0.00	19.58 -0.16 0.00	15.74 -0.08 0.00	15.77 -0.06 0.00	18.49 -0.09 0.00	18.27 -0.13 0.00	21.83 -0.24 0.00	27.81 -0.28 0.00	30.64 -0.31 0.00	29.52 -0.33 0.00	32.07 -0.39 0.00	31.81 -0.45 0.00	29.94 -0.49 0.00	32.66 -0.40 0.00	34.89 -0.28 0.00	37.30 -0.04 0.00	39.84 -0.12 0.00	42.68 -0.04 0.00	44.89 -0.13 0.00	38.93 -0.16 0.00	34.33 -0.17 0.00	31.26 -0.38 0.00	24.20 -0.37 0.00
N.AKRON__115KV_KNAPP 355671	19.25 -2.65 7.56	17.79 -1.83 1.19	15.77 -1.68 2.29	14.49 -1.34 -0.01	14.48 -1.38 -0.03	14.82 -1.56 2.20	17.28 -1.71 -0.59	16.98 -1.72 3.37	20.61 -2.70 4.79	11.71 -2.94 16.31	18.27 -2.84 8.74	20.18 -3.08 9.19	20.94 -3.03 8.28	22.62 -2.80 5.00	20.86 -3.14 9.05	16.59 -3.41 15.17	20.97 -3.66 12.70	26.27 -3.88 9.81	30.70 -4.19 7.83	32.14 -4.59 8.29	28.00 -3.79 7.30	26.18 -3.14 5.18	24.94 -2.47 4.24	20.86 -1.67 2.03
N.BELMOR_69_KV_BK1 55787	34.74 2.83 -2.45	33.15 1.85 -10.49	31.63 1.68 -10.22	29.93 1.28 -12.83	31.26 1.36 -14.07	31.23 1.52 -11.12	29.65 1.71 -9.55	31.71 2.05 -7.58	33.28 2.73 -2.46	36.00 3.34 -1.71	43.54 3.16 -10.53	43.80 3.44 -7.90	43.96 3.45 -8.24	46.08 3.22 -12.43	48.46 3.54 -11.87	48.42 3.80 -9.45	49.38 4.03 -8.02	49.36 4.28 -5.12	49.66 4.40 -2.54	49.67 4.50 -0.15	52.20 3.87 -9.24	48.48 3.45 -10.53	40.30 3.29 -5.37	34.31 2.26 -7.48
N.E_GEN_SANDY PD 24062	33.64 1.50 -2.67	33.32 1.06 -11.44	31.89 1.01 -11.14	30.62 0.81 -13.99	31.97 0.79 -15.35	31.66 0.95 -12.13	37.80 0.96 -18.45	36.10 1.17 -12.85	33.40 1.46 -3.85	34.35 1.55 -1.85	34.40 1.52 -3.02	35.00 1.65 -0.89	36.00 1.64 -2.10	36.01 1.58 -4.01	34.77 1.72 0.00	37.00 1.83 0.00	39.20 1.87 0.00	42.00 2.04 0.00	44.94 2.22 0.00	53.90 2.34 -6.53	53.40 2.11 -12.21	45.00 1.86 -8.64	39.20 1.74 -5.82	34.00 1.33 -8.11
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.96 2.09 -2.41	32.56 1.44 -10.31	31.12 1.34 -10.04	29.51 1.08 -12.61	30.74 1.08 -13.83	30.80 1.28 -10.93	29.14 1.36 -9.39	31.18 1.66 -7.45	32.65 2.14 -2.42	35.17 2.54 -1.68	35.04 2.45 -2.74	35.93 2.66 -0.80	36.87 2.71 -1.90	36.58 2.53 -3.63	35.83 2.78 0.00	38.16 2.99 0.00	40.43 3.10 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.40 3.38 0.00	51.22 3.05 -9.09	41.81 2.62 -4.69	39.39 2.47 -5.28	33.64 1.72 -7.35
N.QUEENS_27_KV_LOAD 356247	34.16 2.24 -2.46	32.87 1.56 -10.50	31.46 1.50 -10.23	29.88 1.22 -12.83	31.13 1.22 -14.08	31.06 1.36 -11.12	29.40 1.45 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.03 2.76 -4.78	39.58 2.56 -5.37	33.82 1.77 -7.48
N.TROY___115KV_TB1 355778	33.62 1.33 -2.83	33.89 0.94 -12.14	32.45 0.89 -11.83	31.38 0.71 -14.85	32.83 0.71 -16.29	32.29 0.84 -12.87	30.24 0.79 -11.05	31.82 0.97 -8.78	32.11 1.15 -2.86	34.14 1.21 -1.98	34.26 1.16 -3.24	34.68 1.27 -0.95	35.73 1.23 -2.25	35.87 1.16 -4.30	34.38 1.32 0.00	36.58 1.41 0.00	38.79 1.46 0.00	41.60 1.64 0.00	44.56 1.84 0.00	47.01 1.98 0.00	51.62 1.80 -10.74	41.67 1.62 -5.55	39.37 1.49 -6.24	34.42 1.15 -8.69
NARROWS_GT1_1 24228	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
NARROWS_GT1_2 24229	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48

NARROWS_GT1_3 24230	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT1_4 24231	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT1_5 24232	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT1_6 24233	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT1_7 24234	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT1_8 24235	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_1 24236	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_2 24237	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_3 24238	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_4 24239	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_5 24240	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_6 24241	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_7 24242	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NARROWS_GT2_8 24243	34.39	32.99	31.54	29.94	31.18	31.16	29.50	31.57	33.00	35.63	35.48	36.36	37.29	36.98	36.16	38.62	40.99	43.88	46.65	49.03	51.88	42.34	39.89	34.09
	2.48	1.68	1.58	1.28	1.27	1.45	1.56	1.92	2.44	2.97	2.84	3.09	3.10	2.86	3.11	3.45	3.66	3.92	3.93	4.01	3.56	3.07	2.88	2.04
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.54	-7.58	-2.46	-1.71	-2.79	-0.82	-1.94	-3.70	0.00	0.00	0.00	0.00	0.00	0.00	-9.24	-4.78	-5.37	-7.48
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.45	33.34	31.93	30.73	32.12	31.72	29.68	31.27	31.73	33.75	33.79	34.25	35.28	35.36	34.24	36.47	38.68	41.60	44.60	47.10	51.12	41.33	39.07	33.94
	1.27	0.87	0.85	0.66	0.66	0.78	0.68	0.77	0.90	0.90	0.84	0.88	0.87	0.82	1.19	1.30	1.34	1.64	1.88	2.07	1.76	1.52	1.46	1.06
	-2.72	-11.65	-11.35	-14.25	-15.63	-12.35	-10.61	-8.42	-2.74	-1.90	-3.10	-0.91	-2.15	-4.11	0.00	0.00	0.00	0.00	0.00	0.00	-10.28	-5.31	-5.97	-8.32

NCHELSEA_115KV_TR2 355582	33.98 2.06 -2.46	32.76 1.42 -10.53	31.33 1.34 -10.26	29.77 1.08 -12.87	31.01 1.06 -14.12	31.01 1.26 -11.16	29.30 1.32 -9.59	31.25 1.57 -7.61	32.62 2.05 -2.47	35.08 2.41 -1.71	34.98 2.33 -2.80	35.84 2.56 -0.82	36.78 2.58 -1.94	36.54 2.40 -3.71	35.70 2.64 0.00	38.02 2.85 0.00	40.32 2.99 0.00	43.16 3.20 0.00	46.05 3.33 0.00	48.45 3.42 0.00	51.49 3.13 -9.28	41.91 2.62 -4.79	39.53 2.50 -5.39	33.82 1.74 -7.51
NEG CAPITAL___MECHNVIL 23645	33.97 1.65 -2.86	34.23 1.16 -12.25	32.77 1.10 -11.93	31.69 0.89 -14.98	33.15 0.89 -16.44	32.61 1.04 -12.99	30.57 0.99 -11.19	32.15 1.19 -8.88	32.36 1.38 -2.89	34.47 1.52 -2.00	34.56 1.43 -3.27	34.94 1.53 -0.96	36.01 1.48 -2.27	36.13 1.37 -4.33	34.58 1.52 0.00	36.90 1.72 0.00	39.16 1.83 0.00	42.00 2.04 0.00	45.07 2.35 0.00	47.55 2.52 0.00	52.23 2.31 -10.84	42.13 2.03 -5.60	39.84 1.90 -6.30	34.74 1.40 -8.77
NEG CENTRAL_HIGH_ACRES 23767	24.80 -1.83 2.83	20.80 -1.31 -1.30	19.80 -1.20 -1.26	16.43 -0.98 -1.59	16.57 -1.00 -1.74	18.85 -1.11 -1.38	18.51 -1.07 -1.18	21.82 -1.19 -0.94	26.66 -1.74 -0.30	30.01 -1.86 -0.91	28.64 -1.79 -0.58	30.84 -1.95 -0.33	30.74 -1.93 -0.42	29.12 -1.77 -0.46	31.34 -1.92 -0.21	33.66 -2.11 -0.60	35.45 -2.24 -0.36	37.69 -2.40 -0.13	40.11 -2.61 0.00	42.19 -2.84 0.00	37.28 -2.27 -0.47	33.09 -2.00 -0.59	30.60 -1.71 -0.66	24.22 -1.28 -0.93
NEG CENTRAL___DRP 24199	44.16 -0.27 -14.97	23.22 -0.21 -2.61	22.58 -0.18 -3.02	18.24 -0.17 -2.59	18.48 -0.17 -2.83	21.58 -0.17 -3.16	19.91 -0.17 -1.68	24.83 -0.18 -2.93	30.17 -0.42 -2.50	32.91 -0.46 -2.42	31.98 -0.48 -2.61	34.41 -0.52 -2.47	34.38 -0.52 -2.64	32.84 -0.43 -2.84	34.89 -0.56 -2.39	36.90 -0.56 -2.29	39.68 -0.52 -2.86	42.69 -0.48 -3.20	45.46 -0.47 -3.21	47.93 -0.50 -3.40	45.74 -0.20 -6.85	37.41 -0.17 -3.09	34.34 -0.13 -2.82	26.86 -0.05 -2.34
NEG CENTRAL___INDECK 23768	56.53 -0.82 -27.89	33.61 -0.69 -13.48	37.06 -0.59 -17.92	25.68 -0.52 -10.37	26.54 -0.59 -11.29	36.18 -0.61 -18.21	23.07 -0.61 -5.28	41.61 -0.68 -20.22	48.88 -1.32 -22.11	51.07 -1.52 -21.63	50.92 -1.55 -22.62	54.30 -1.75 -23.60	54.46 -1.77 -23.97	52.81 -1.61 -24.00	55.19 -1.72 -23.85	56.90 -1.76 -23.48	65.32 -1.75 -29.74	71.86 -1.64 -33.53	75.01 -1.50 -33.78	79.23 -1.58 -35.78	74.04 -0.98 -35.93	59.96 -0.86 -26.32	53.64 -0.76 -22.76	39.01 -0.56 -15.01
NEG CENTRAL___SENECA 23627	53.38 -0.35 -24.27	23.98 -0.27 -3.44	23.61 -0.24 -4.11	18.84 -0.22 -3.24	19.13 -0.24 -3.54	22.63 -0.22 -4.27	20.18 -0.24 -2.02	25.98 -0.24 -4.14	31.31 -0.59 -3.81	34.04 -0.65 -3.73	33.16 -0.66 -3.96	35.62 -0.71 -3.87	35.61 -0.71 -4.06	34.08 -0.61 -4.26	36.10 -0.76 -3.81	38.08 -0.74 -3.65	41.19 -0.71 -4.56	44.46 -0.60 -5.10	47.24 -0.60 -5.12	49.77 -0.68 -5.42	49.17 -0.31 -10.40	38.84 -0.24 -4.59	35.57 -0.19 -4.12	27.68 -0.10 -3.21
NEG CENTRAL___STATE_STREET 24147	33.82 -0.12 -4.48	22.64 -0.08 -1.92	21.74 -0.06 -2.06	17.85 -0.06 -2.10	18.04 -0.08 -2.30	20.72 -0.06 -2.19	19.80 -0.06 -1.46	23.86 -0.02 -1.81	29.14 -0.17 -1.21	31.89 -0.19 -1.12	30.93 -0.21 -1.29	33.30 -0.23 -1.07	33.29 -0.19 -1.23	31.72 -0.15 -1.45	33.79 -0.23 -0.97	34.93 -0.25 0.00	37.15 -0.19 0.00	39.84 -0.12 0.00	42.59 -0.13 0.00	44.89 -0.14 0.00	41.07 0.12 -1.87	35.23 0.07 -0.66	32.48 0.09 -0.74	25.70 0.10 -1.03
NEG MILLWOOD___DRP 24198	34.14 2.21 -2.47	32.92 1.52 -10.58	31.49 1.44 -10.31	29.90 1.14 -12.94	31.18 1.16 -14.20	31.18 1.38 -11.22	29.46 1.43 -9.64	31.45 1.72 -7.65	32.80 2.22 -2.49	35.34 2.66 -1.72	35.26 2.60 -2.82	36.17 2.89 -0.83	37.11 2.90 -1.95	36.89 2.74 -3.73	36.03 2.97 0.00	38.37 3.20 0.00	40.62 3.29 0.00	43.44 3.48 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.73 3.32 -9.33	42.15 2.83 -4.82	39.75 2.69 -5.42	33.98 1.87 -7.55
NEG NORTH_FLCN_SEA 23793	29.99 0.53 0.00	21.08 0.27 0.00	19.91 0.18 0.00	16.01 0.19 0.00	16.03 0.21 0.00	18.79 0.20 0.00	18.58 0.18 0.00	22.19 0.11 0.00	28.29 0.20 0.00	31.14 0.19 0.00	30.03 0.18 0.00	32.62 0.16 0.00	32.39 0.13 0.00	30.45 0.03 0.00	33.25 0.20 0.00	35.45 0.28 0.00	37.89 0.56 0.00	39.96 0.00 0.00	42.76 0.04 0.00	44.98 -0.05 0.00	38.97 -0.12 0.00	34.40 -0.10 0.00	31.36 -0.28 0.00	24.27 -0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	29.34 -0.12 0.00	20.67 -0.15 0.00	19.54 -0.20 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.40 -0.19 0.00	18.19 -0.20 0.00	21.72 -0.35 0.00	27.70 -0.39 0.00	30.49 -0.46 0.00	29.37 -0.48 0.00	31.91 -0.55 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.49 -0.56 0.00	34.64 -0.53 0.00	37.00 -0.34 0.00	39.56 -0.40 0.00	42.34 -0.38 0.00	44.58 -0.45 0.00	38.61 -0.47 0.00	34.05 -0.45 0.00	31.04 -0.60 0.00	24.03 -0.54 0.00
NEG NORTH___ALICE_FALLS 23915	29.96 0.50 0.00	21.04 0.23 0.00	19.87 0.14 0.00	15.98 0.16 0.00	16.02 0.19 0.00	18.77 0.19 0.00	18.54 0.15 0.00	22.16 0.09 0.00	28.21 0.11 0.00	31.08 0.12 0.00	29.97 0.12 0.00	32.56 0.10 0.00	32.29 0.03 0.00	30.39 -0.03 0.00	33.15 0.10 0.00	35.38 0.21 0.00	37.86 0.52 0.00	40.04 0.08 0.00	42.89 0.17 0.00	45.07 0.05 0.00	39.08 0.00 0.00	34.46 -0.03 0.00	31.39 -0.25 0.00	24.30 -0.27 0.00
NEG NORTH___LWR_SARANAC 23913	29.96 0.50 0.00	21.04 0.23 0.00	19.87 0.14 0.00	15.98 0.16 0.00	16.02 0.19 0.00	18.77 0.19 0.00	18.54 0.15 0.00	22.16 0.09 0.00	28.21 0.11 0.00	31.08 0.12 0.00	29.97 0.12 0.00	32.56 0.10 0.00	32.29 0.03 0.00	30.39 -0.03 0.00	33.15 0.10 0.00	35.38 0.21 0.00	37.86 0.52 0.00	40.04 0.08 0.00	42.89 0.17 0.00	45.07 0.05 0.00	39.08 0.00 0.00	34.46 -0.03 0.00	31.39 -0.25 0.00	24.30 -0.27 0.00
NEG NORTH___PLATTSBURG 23628	29.96 0.50 0.00	21.04 0.23 0.00	19.88 0.14 0.00	15.98 0.16 0.00	16.02 0.19 0.00	18.77 0.19 0.00	18.54 0.15 0.00	22.16 0.09 0.00	28.21 0.11 0.00	31.08 0.12 0.00	29.97 0.12 0.00	32.56 0.10 0.00	32.29 0.03 0.00	30.39 -0.03 0.00	33.15 0.10 0.00	35.38 0.21 0.00	37.86 0.52 0.00	40.04 0.08 0.00	42.89 0.17 0.00	45.07 0.05 0.00	39.08 0.00 0.00	34.46 -0.03 0.00	31.39 -0.25 0.00	24.30 -0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	17.55 -3.21 8.70	16.92 -2.19 1.70	14.70 -2.01 3.02	13.87 -1.63 0.32	13.84 -1.66 0.33	13.75 -1.90 2.94	16.82 -2.04 -0.47	15.68 -2.14 4.26	18.97 -3.29 5.84	15.63 -3.59 11.73	18.54 -3.40 7.91	20.24 -3.70 8.52	20.62 -3.65 7.99	20.92 -3.38 6.13	20.71 -3.77 8.58	19.46 -4.15 11.57	21.56 -4.44 11.33	24.69 -4.80 10.48	28.04 -5.17 9.51	29.33 -5.63 10.07	25.40 -4.69 9.00	24.15 -3.93 6.42	23.25 -3.10 5.29	19.78 -2.11 2.68
NEG WEST___LANCASTR 23811	18.20 -1.59 9.67	17.69 -1.02 2.10	15.10 -0.95 3.69	14.57 -0.78 0.47	14.55 -0.79 0.49	14.12 -0.89 3.58	18.04 -0.85 -0.49	16.01 -0.95 5.12	19.36 -1.74 6.99	17.73 -1.83 11.40	19.54 -1.73 8.58	21.28 -1.85 9.33	21.57 -1.81 8.89	21.44 -1.64 7.35	21.67 -1.92 9.47	22.34 -2.22 10.61	23.92 -2.39 11.03	26.69 -2.52 10.76	30.11 -2.56 10.04	31.51 -2.88 10.64	27.51 -2.31 9.26	25.84 -1.93 6.73	24.72 -1.39 5.53	21.06 -0.79 2.72

NEG_PENN_ALLEGHNY 23528	32.59 0.26 -2.86	25.21 0.19 -4.21	24.22 0.20 -4.28	20.88 0.14 -4.92	21.36 0.14 -5.39	23.39 0.19 -4.61	22.12 0.17 -3.57	25.76 0.24 -3.44	29.95 0.14 -1.71	32.01 0.22 -0.84	31.74 0.24 -1.65	33.72 0.26 -1.00	34.00 0.29 -1.45	32.95 0.30 -2.22	34.09 0.30 -0.74	34.93 0.28 0.53	37.32 0.30 0.31	40.21 0.36 0.11	43.11 0.38 0.00	45.39 0.36 0.00	43.20 0.51 -3.61	36.66 0.45 -1.72	34.05 0.48 -1.93	27.65 0.39 -2.69
NEG___GEN_MONROE 24207	24.39 -1.89 3.19	20.31 -1.33 -0.83	19.13 -1.20 -0.59	16.14 -0.97 -1.28	16.26 -0.98 -1.41	18.19 -1.10 -0.70	18.37 -1.09 -1.07	20.99 -1.21 -0.13	25.59 -1.85 0.65	17.97 -2.01 10.97	23.78 -1.97 4.10	26.08 -2.11 4.27	26.73 -2.10 3.43	27.94 -1.92 0.57	26.80 -2.18 4.07	23.18 -2.32 9.67	28.36 -2.54 6.43	34.02 -2.72 3.22	38.45 -2.86 1.41	40.48 -3.06 1.49	35.81 -2.46 0.81	31.95 -2.10 0.44	29.72 -1.71 0.22	23.78 -1.18 -0.39
NEPA___ENERGY 23901	17.34 -2.15 9.97	17.15 -1.44 2.23	14.54 -1.32 3.87	14.18 -1.09 0.55	14.13 -1.12 0.58	13.55 -1.28 3.76	17.55 -1.31 -0.46	15.21 -1.52 5.34	18.36 -2.47 7.26	16.75 -2.60 11.60	18.55 -2.48 8.83	20.20 -2.66 9.60	20.49 -2.61 9.16	20.39 -2.40 7.63	20.56 -2.74 9.75	20.91 -3.02 11.23	22.22 -3.29 11.83	24.82 -3.48 11.67	28.30 -3.46 10.96	29.59 -3.83 11.61	25.75 -3.13 10.21	24.46 -2.62 7.42	23.47 -2.06 6.12	20.18 -1.30 3.09
NEVERSINK___HYD 23608	33.59 1.86 -2.27	31.78 1.25 -9.72	30.40 1.20 -9.46	28.65 0.95 -11.88	29.80 0.93 -13.03	30.00 1.12 -10.30	28.37 1.14 -8.84	30.46 1.37 -7.02	32.15 1.77 -2.28	34.61 2.07 -1.58	34.41 1.97 -2.59	35.43 2.21 -0.76	36.31 2.26 -1.79	35.95 2.10 -3.42	35.37 2.31 0.00	37.67 2.50 0.00	39.95 2.61 0.00	42.80 2.84 0.00	45.71 2.99 0.00	48.09 3.06 0.00	50.54 2.89 -8.56	41.30 2.38 -4.42	38.90 2.28 -4.97	33.07 1.57 -6.93
NEWKRMKL_115KV_TB1 55635	33.33 1.06 -2.81	33.58 0.73 -12.04	32.17 0.71 -11.73	31.12 0.57 -14.72	32.55 0.57 -16.15	32.02 0.67 -12.76	29.93 0.57 -10.96	31.46 0.68 -8.70	31.74 0.81 -2.83	33.78 0.87 -1.96	33.93 0.87 -3.21	34.34 0.94 -0.94	35.42 0.94 -2.23	35.59 0.91 -4.25	34.11 1.06 0.00	36.26 1.09 0.00	38.38 1.05 0.00	41.16 1.20 0.00	43.92 1.20 0.00	46.33 1.31 0.00	50.88 1.17 -10.63	41.13 1.14 -5.49	38.86 1.04 -6.17	34.01 0.84 -8.60
NEWTON___FALLS_HYD 23847	29.34 -0.21 -0.08	20.84 -0.31 -0.34	19.75 -0.32 -0.33	16.02 -0.22 -0.42	16.06 -0.22 -0.46	18.65 -0.30 -0.36	18.35 -0.35 -0.31	21.86 -0.46 -0.25	27.50 -0.67 -0.08	30.30 -0.71 -0.06	29.16 -0.78 -0.09	31.67 -0.81 -0.03	31.45 -0.87 -0.06	29.63 -0.91 -0.12	32.23 -0.83 0.00	34.33 -0.84 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	39.27 -0.12 -0.30	34.52 -0.14 -0.15	31.53 -0.28 -0.17	24.64 -0.17 -0.24
NGRID_A1_DSASP 323792	16.88 -3.54 9.04	16.57 -2.39 1.85	14.24 -2.23 3.27	13.63 -1.79 0.40	13.61 -1.80 0.42	13.35 -2.08 3.16	16.81 -2.02 -0.44	15.18 -2.36 4.53	18.31 -3.57 6.21	15.89 -3.87 11.19	18.20 -3.67 7.98	19.83 -3.99 8.63	20.15 -3.94 8.17	20.28 -3.62 6.52	20.26 -4.07 8.73	19.59 -4.50 11.08	21.27 -4.82 11.25	24.05 -5.16 10.76	27.28 -5.51 9.93	28.47 -6.03 10.52	24.61 -5.04 9.43	23.49 -4.28 6.73	22.64 -3.45 5.56	19.39 -2.36 2.82
NGRID_A2_DSASP 323793	16.88 -3.54 9.04	16.57 -2.39 1.85	14.24 -2.23 3.27	13.63 -1.79 0.40	13.61 -1.80 0.42	13.35 -2.08 3.16	16.81 -2.02 -0.44	15.18 -2.36 4.53	18.31 -3.57 6.21	15.89 -3.87 11.19	18.20 -3.67 7.98	19.83 -3.99 8.63	20.15 -3.94 8.17	20.28 -3.62 6.52	20.26 -4.07 8.73	19.59 -4.50 11.08	21.27 -4.82 11.25	24.05 -5.16 10.76	27.28 -5.51 9.93	28.47 -6.03 10.52	24.61 -5.04 9.43	23.49 -4.28 6.73	22.64 -3.45 5.56	19.39 -2.36 2.82
NGRID_A4_DSASP 323807	16.88 -3.54 9.04	16.57 -2.39 1.85	14.24 -2.23 3.27	13.63 -1.79 0.40	13.61 -1.80 0.42	13.35 -2.08 3.16	16.81 -2.02 -0.44	15.18 -2.36 4.53	18.31 -3.57 6.21	15.89 -3.87 11.19	18.20 -3.67 7.98	19.83 -3.99 8.63	20.15 -3.94 8.17	20.28 -3.62 6.52	20.26 -4.07 8.73	19.59 -4.50 11.08	21.27 -4.82 11.25	24.05 -5.16 10.76	27.28 -5.51 9.93	28.47 -6.03 10.52	24.61 -5.04 9.43	23.49 -4.28 6.73	22.64 -3.45 5.56	19.39 -2.36 2.82
NIAGARA_115E_LBMP 323715	17.20 -3.45 8.81	16.71 -2.31 1.79	14.43 -2.17 3.13	13.72 -1.74 0.36	13.70 -1.76 0.37	13.51 -2.01 3.07	16.48 -2.37 -0.46	15.35 -2.30 4.43	18.59 -3.48 6.01	16.25 -3.84 10.87	18.47 -3.64 7.74	20.13 -3.96 8.37	20.44 -3.90 7.92	20.52 -3.59 6.31	20.62 -3.97 8.47	19.88 -4.50 10.79	21.57 -4.82 10.95	24.30 -5.19 10.46	27.33 -5.68 9.71	28.53 -6.21 10.28	24.71 -5.20 9.18	23.68 -4.28 6.54	22.89 -3.35 5.39	19.53 -2.31 2.73
NIAGARA_115W_LBMP 323714	16.91 -3.54 9.02	16.58 -2.39 1.84	14.26 -2.23 3.25	13.64 -1.79 0.40	13.60 -1.82 0.41	13.36 -2.08 3.14	16.82 -2.02 -0.45	15.20 -2.36 4.51	18.34 -3.57 6.19	15.93 -3.87 11.15	18.22 -3.67 7.95	19.86 -3.99 8.60	20.15 -3.97 8.14	20.27 -3.65 6.50	20.35 -4.00 8.70	19.62 -4.50 11.05	21.30 -4.82 11.22	24.04 -5.19 10.73	27.30 -5.51 9.91	28.50 -6.03 10.49	24.64 -5.04 9.40	23.51 -4.28 6.71	22.66 -3.45 5.54	19.35 -2.41 2.81
NIAGARA_230_LBMP 323716	17.22 -3.45 8.79	16.74 -2.33 1.74	14.45 -2.17 3.11	13.75 -1.74 0.34	13.73 -1.76 0.34	13.58 -2.01 3.00	16.86 -2.00 -0.47	15.44 -2.30 4.34	18.64 -3.46 5.99	16.33 -3.78 10.85	18.55 -3.58 7.72	20.21 -3.90 8.35	20.49 -3.87 7.90	20.57 -3.56 6.29	20.70 -3.90 8.45	20.00 -4.40 10.77	21.70 -4.71 10.93	24.44 -5.08 10.44	27.65 -5.38 9.69	28.87 -5.90 10.26	25.00 -4.93 9.16	23.81 -4.18 6.52	22.91 -3.35 5.37	19.52 -2.33 2.71
NIAGARA___115KV_198_GIBSON 55903	16.91 -3.54 9.02	16.58 -2.39 1.84	14.26 -2.23 3.25	13.64 -1.79 0.40	13.60 -1.82 0.41	13.36 -2.08 3.14	16.82 -2.02 -0.45	15.18 -2.38 4.51	18.34 -3.57 6.19	15.90 -3.90 11.15	18.20 -3.70 7.95	19.86 -3.99 8.60	20.18 -3.94 8.14	20.27 -3.65 6.50	20.29 -4.07 8.70	19.62 -4.50 11.05	21.30 -4.82 11.22	24.04 -5.20 10.72	27.26 -5.55 9.91	28.50 -6.03 10.49	24.64 -5.04 9.40	23.51 -4.28 6.71	22.66 -3.45 5.54	19.40 -2.36 2.81
NIAGARA____ 23760	17.22 -3.45 8.80	16.74 -2.33 1.74	14.45 -2.17 3.12	13.75 -1.74 0.34	13.73 -1.76 0.34	13.58 -2.01 3.00	16.85 -2.00 -0.46	15.44 -2.30 4.34	18.64 -3.46 6.00	16.33 -3.78 10.85	18.55 -3.58 7.72	20.21 -3.90 8.35	20.49 -3.87 7.90	20.57 -3.56 6.29	20.70 -3.90 8.45	20.00 -4.40 10.78	21.70 -4.71 10.93	24.44 -5.08 10.45	27.65 -5.38 9.69	28.87 -5.90 10.26	25.00 -4.93 9.16	23.80 -4.18 6.52	22.91 -3.35 5.37	19.52 -2.33 2.71
NINE_MILE_1 23575	28.80 -0.82 -0.17	20.97 -0.56 -0.71	19.92 -0.51 -0.70	16.27 -0.43 -0.87	16.36 -0.43 -0.96	18.86 -0.48 -0.76	18.57 -0.48 -0.65	22.04 -0.55 -0.52	27.47 -0.79 -0.17	30.17 -0.90 -0.12	29.21 -0.84 -0.19	31.61 -0.91 -0.06	31.49 -0.90 -0.13	29.82 -0.85 -0.25	32.09 -0.96 0.00	34.08 -1.09 0.00	36.18 -1.16 0.00	38.77 -1.20 0.00	41.40 -1.32 0.00	43.72 -1.31 0.00	38.66 -1.05 -0.63	33.89 -0.93 -0.33	31.19 -0.82 -0.37	24.51 -0.56 -0.51

NINE_MILE_2 23744	28.80 -0.82 -0.17	20.96 -0.56 -0.71	19.92 -0.51 -0.69	16.28 -0.41 -0.87	16.36 -0.43 -0.96	18.86 -0.48 -0.76	18.56 -0.48 -0.65	22.04 -0.55 -0.52	27.47 -0.79 -0.17	30.20 -0.87 -0.12	29.20 -0.84 -0.19	31.61 -0.91 -0.06	31.49 -0.90 -0.13	29.82 -0.85 -0.25	32.09 -0.96 0.00	34.08 -1.09 0.00	36.18 -1.16 0.00	38.77 -1.20 0.00	41.44 -1.28 0.00	43.72 -1.31 0.00	38.66 -1.05 -0.63	33.89 -0.93 -0.32	31.22 -0.79 -0.37	24.51 -0.56 -0.51
NM_CAPITAL___DRP 24208	33.36 1.09 -2.81	33.60 0.77 -12.02	32.17 0.73 -11.71	31.10 0.59 -14.70	32.54 0.59 -16.12	32.01 0.69 -12.74	29.96 0.63 -10.94	31.51 0.75 -8.69	31.82 0.90 -2.83	33.87 0.96 -1.96	34.01 0.96 -3.20	34.44 1.04 -0.94	35.48 1.00 -2.22	35.64 0.97 -4.24	34.18 1.12 0.00	36.37 1.20 0.00	38.49 1.16 0.00	41.24 1.28 0.00	44.04 1.32 0.00	46.47 1.44 0.00	50.98 1.29 -10.61	41.22 1.24 -5.48	38.94 1.14 -6.16	34.06 0.91 -8.59
NM_CENTRAL___DRP 24181	29.38 -0.32 -0.24	21.63 -0.21 -1.02	20.55 -0.18 -1.00	16.91 -0.16 -1.25	17.04 -0.16 -1.37	19.50 -0.17 -1.08	19.16 -0.17 -0.93	22.64 -0.18 -0.74	28.02 -0.31 -0.24	30.78 -0.34 -0.17	29.82 -0.30 -0.27	32.21 -0.32 -0.08	32.12 -0.32 -0.19	30.51 -0.27 -0.36	32.66 -0.40 0.00	34.75 -0.42 0.00	36.89 -0.45 0.00	39.52 -0.44 0.00	42.21 -0.51 0.00	44.53 -0.50 0.00	39.71 -0.27 -0.90	34.72 -0.24 -0.47	31.98 -0.19 -0.52	25.20 -0.10 -0.73
NM_FRONTIER___DRP 24179	16.91 -3.54 9.02	16.58 -2.39 1.84	14.26 -2.23 3.25	13.64 -1.79 0.40	13.60 -1.82 0.41	13.36 -2.08 3.14	16.82 -2.02 -0.45	15.18 -2.38 4.51	18.34 -3.57 6.19	15.90 -3.90 11.15	18.20 -3.70 7.95	19.86 -3.99 8.60	20.18 -3.94 8.14	20.27 -3.65 6.50	20.29 -4.07 8.70	19.62 -4.50 11.05	21.30 -4.82 11.22	24.04 -5.20 10.72	27.26 -5.55 9.91	28.50 -6.03 10.49	24.64 -5.04 9.40	23.51 -4.28 6.71	22.66 -3.45 5.54	19.40 -2.36 2.81
NM_ST_REGIS___HYD 24053	29.29 -0.21 -0.04	20.68 -0.29 -0.16	19.58 -0.32 -0.16	15.82 -0.21 -0.20	15.86 -0.19 -0.22	18.50 -0.26 -0.17	18.27 -0.28 -0.15	21.73 -0.46 -0.12	27.54 -0.59 -0.04	30.30 -0.68 -0.03	29.21 -0.69 -0.04	31.69 -0.78 -0.01	31.45 -0.84 -0.03	29.63 -0.85 -0.06	32.29 -0.76 0.00	34.47 -0.70 0.00	36.89 -0.45 0.00	39.36 -0.60 0.00	42.34 -0.38 0.00	44.53 -0.50 0.00	38.80 -0.43 -0.14	34.16 -0.41 -0.07	31.16 -0.57 -0.08	24.22 -0.47 -0.12
NORTHPORT___1 23551	34.84 2.92 -2.46	33.20 1.89 -10.49	31.65 1.70 -10.22	29.95 1.30 -12.83	31.30 1.39 -14.07	31.25 1.54 -11.12	29.69 1.75 -9.54	31.75 2.10 -7.58	33.31 2.75 -2.46	36.07 3.40 -1.71	43.54 3.16 -10.53	43.80 3.44 -7.90	43.92 3.42 -8.24	46.05 3.19 -12.43	48.33 3.41 -11.87	48.35 3.73 -9.45	49.23 3.88 -8.02	49.24 4.16 -5.12	49.49 4.23 -2.54	49.49 4.32 -0.15	51.85 3.52 -9.24	48.41 3.38 -10.53	40.37 3.35 -5.38	34.31 2.26 -7.48
NORTHPORT___2 23552	34.84 2.92 -2.46	33.20 1.89 -10.49	31.65 1.70 -10.22	29.95 1.30 -12.83	31.30 1.39 -14.07	31.25 1.54 -11.12	29.69 1.75 -9.54	31.75 2.10 -7.58	33.31 2.75 -2.46	36.07 3.40 -1.71	43.54 3.16 -10.53	43.80 3.44 -7.90	43.92 3.42 -8.24	46.05 3.19 -12.43	48.33 3.41 -11.87	48.35 3.73 -9.45	49.23 3.88 -8.02	49.24 4.16 -5.12	49.49 4.23 -2.54	49.49 4.32 -0.15	51.85 3.52 -9.24	48.41 3.38 -10.53	40.37 3.35 -5.38	34.31 2.26 -7.48
NORTHPORT___3 23553	34.78 2.86 -2.46	33.15 1.85 -10.49	31.61 1.66 -10.22	29.93 1.28 -12.83	31.26 1.36 -14.07	31.21 1.50 -11.12	29.67 1.73 -9.54	31.71 2.05 -7.58	33.28 2.72 -2.46	36.00 3.34 -1.71	43.51 3.13 -10.53	43.73 3.38 -7.90	43.89 3.39 -8.24	46.02 3.16 -12.43	48.26 3.34 -11.87	48.28 3.66 -9.45	49.12 3.77 -8.02	49.12 4.03 -5.12	49.36 4.10 -2.54	49.36 4.19 -0.15	51.69 3.36 -9.24	48.31 3.28 -10.53	40.31 3.29 -5.38	34.29 2.24 -7.48
NORTHPORT___4 23650	34.78 2.86 -2.46	33.15 1.85 -10.49	31.61 1.66 -10.22	29.93 1.28 -12.83	31.26 1.36 -14.07	31.21 1.50 -11.12	29.67 1.73 -9.54	31.71 2.05 -7.58	33.28 2.72 -2.46	36.00 3.34 -1.71	43.51 3.13 -10.53	43.73 3.38 -7.90	43.89 3.39 -8.24	46.02 3.16 -12.43	48.26 3.34 -11.87	48.28 3.66 -9.45	49.12 3.77 -8.02	49.12 4.03 -5.12	49.36 4.10 -2.54	49.36 4.19 -0.15	51.69 3.36 -9.24	48.31 3.28 -10.53	40.31 3.29 -5.38	34.29 2.24 -7.48
NORTHPORT___IC 23718	34.83 2.92 -2.45	33.20 1.89 -10.49	31.65 1.70 -10.22	29.95 1.30 -12.83	31.30 1.39 -14.07	31.25 1.54 -11.12	29.69 1.75 -9.55	31.76 2.10 -7.58	33.31 2.75 -2.46	36.07 3.40 -1.71	43.54 3.16 -10.53	43.80 3.44 -7.90	43.96 3.45 -8.24	46.05 3.19 -12.43	48.37 3.44 -11.87	48.35 3.73 -9.45	49.23 3.88 -8.02	49.24 4.16 -5.12	49.49 4.23 -2.54	49.49 4.32 -0.15	51.85 3.52 -9.24	48.41 3.38 -10.53	40.37 3.35 -5.37	34.34 2.28 -7.48
NORTH___COUNTRY_ESR 323785	29.29 -0.18 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.65 -0.17 0.00	15.67 -0.16 0.00	18.35 -0.24 0.00	18.15 -0.24 0.00	21.70 -0.38 0.00	27.67 -0.42 0.00	30.49 -0.46 0.00	29.40 -0.45 0.00	31.91 -0.55 0.00	31.68 -0.58 0.00	29.84 -0.58 0.00	32.49 -0.56 0.00	34.65 -0.53 0.00	36.96 -0.37 0.00	39.49 -0.48 0.00	42.25 -0.47 0.00	44.49 -0.54 0.00	38.50 -0.59 0.00	33.98 -0.52 0.00	30.98 -0.67 0.00	23.98 -0.59 0.00
NPX_GEN_1385_PROXY 323591	34.84 2.92 -2.46	33.20 1.89 -10.49	31.65 1.70 -10.22	29.95 1.30 -12.83	31.30 1.39 -14.07	31.25 1.54 -11.12	29.76 1.82 -9.54	31.79 2.14 -7.58	33.31 2.75 -2.46	36.07 3.40 -1.71	43.48 3.10 -10.53	43.73 3.38 -7.90	43.86 3.35 -8.24	45.99 3.13 -12.43	48.26 3.34 -11.87	48.28 3.66 -9.45	49.12 3.77 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.54 4.37 -0.15	51.88 3.56 -9.24	48.44 3.42 -10.53	40.41 3.39 -5.38	34.31 2.26 -7.48
NPX_GEN_CSC 323557	35.31 3.39 -2.46	33.51 2.20 -10.49	31.93 1.97 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.47 1.77 -11.12	29.92 1.99 -9.54	32.02 2.36 -7.58	33.68 3.12 -2.46	36.44 3.77 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	43.99 3.48 -8.24	46.08 3.22 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.49 4.14 -8.02	49.76 4.67 -5.12	50.08 4.83 -2.54	50.12 4.95 -0.15	52.20 3.87 -9.24	48.58 3.55 -10.53	40.60 3.57 -5.38	34.46 2.41 -7.48
NSINS_S_GLNS_FALLS 23858	34.25 1.92 -2.88	34.46 1.33 -12.31	32.97 1.24 -11.99	31.89 1.01 -15.06	33.38 1.03 -16.52	32.85 1.21 -13.05	30.74 1.14 -11.21	32.37 1.39 -8.90	32.57 1.57 -2.90	34.70 1.73 -2.01	34.63 1.49 -3.29	34.98 1.56 -0.96	35.99 1.45 -2.28	35.96 1.19 -4.35	34.48 1.42 0.00	36.79 1.62 0.00	39.24 1.90 0.00	42.16 2.20 0.00	45.45 2.73 0.00	48.04 3.02 0.00	52.71 2.74 -10.89	42.57 2.45 -5.62	40.18 2.21 -6.32	35.03 1.65 -8.81
NUCOR_STEEL___DRP 24197	31.01 -0.03 -1.57	22.18 -0.02 -1.39	21.09 0.00 -1.35	17.51 -0.02 -1.70	17.68 -0.02 -1.86	20.08 0.02 -1.47	19.66 0.00 -1.26	23.12 0.04 -1.00	28.34 -0.08 -0.33	31.09 -0.09 -0.23	30.13 -0.09 -0.37	32.47 -0.10 -0.11	32.42 -0.10 -0.26	30.88 -0.03 -0.49	32.92 -0.13 0.00	35.03 -0.14 0.00	37.22 -0.11 0.00	39.92 -0.04 0.00	42.63 -0.09 0.00	44.98 -0.05 0.00	40.70 0.16 -1.46	35.27 0.14 -0.63	32.51 0.16 -0.71	25.73 0.17 -0.99

NUMBER_THREE_WT_PWR 323818	29.87 0.29 -0.11	21.30 0.00 -0.48	20.21 0.00 -0.47	16.41 0.00 -0.59	16.48 0.00 -0.65	19.06 -0.04 -0.51	18.72 -0.11 -0.44	22.34 -0.09 -0.35	27.90 -0.31 -0.11	30.75 -0.28 -0.08	29.59 -0.39 -0.13	32.20 -0.29 -0.04	31.86 -0.48 -0.09	30.08 -0.52 -0.17	32.62 -0.43 0.00	34.68 -0.49 0.00	36.85 -0.49 0.00	39.40 -0.56 0.00	43.23 0.51 0.00	45.66 0.63 0.00	40.29 0.78 -0.43	35.34 0.62 -0.22	32.33 0.44 -0.25	25.33 0.42 -0.35
NYISO_LBMP_REFERENCE 24008	29.46 0.00 0.00	20.81 0.00 0.00	19.74 0.00 0.00	15.82 0.00 0.00	15.83 0.00 0.00	18.59 0.00 0.00	18.39 0.00 0.00	22.08 0.00 0.00	28.09 0.00 0.00	30.95 0.00 0.00	29.85 0.00 0.00	32.46 0.00 0.00	32.26 0.00 0.00	30.42 0.00 0.00	33.05 0.00 0.00	35.17 0.00 0.00	37.33 0.00 0.00	39.96 0.00 0.00	42.72 0.00 0.00	45.03 0.00 0.00	39.08 0.00 0.00	34.50 0.00 0.00	31.64 0.00 0.00	24.57 0.00 0.00
NYPA_BRENTWD____GT 24164	35.10 3.18 -2.46	33.36 2.06 -10.49	31.81 1.85 -10.22	30.06 1.41 -12.83	31.41 1.50 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.31 3.65 -1.71	43.78 3.40 -10.53	44.06 3.70 -7.90	44.18 3.68 -8.24	46.29 3.44 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.61 4.25 -8.02	49.68 4.59 -5.12	50.00 4.74 -2.54	50.04 4.86 -0.15	52.36 4.03 -9.24	48.75 3.73 -10.53	40.66 3.64 -5.38	34.51 2.46 -7.48
NYPA_GOWANUS____GT5 24156	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
NYPA_GOWANUS____GT6 24157	34.39 2.48 -2.46	32.99 1.68 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.50 1.56 -9.54	31.57 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.09 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.16 3.11 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
NYPA_HARLEM__RVR__GT1 24160	34.16 2.24 -2.46	32.87 1.56 -10.50	31.44 1.48 -10.23	29.86 1.20 -12.83	31.13 1.22 -14.08	31.04 1.34 -11.12	29.36 1.44 -9.53	31.46 1.81 -7.57	32.85 2.30 -2.46	35.44 2.79 -1.70	35.26 2.63 -2.78	36.13 2.86 -0.81	37.06 2.87 -1.93	36.76 2.65 -3.69	35.92 2.87 0.01	38.33 3.17 0.01	40.69 3.36 0.01	43.55 3.60 0.01	46.30 3.59 0.01	48.66 3.65 0.01	51.56 3.24 -9.24	41.99 2.72 -4.77	39.57 2.56 -5.36	33.81 1.77 -7.47
NYPA_HARLEM__RVR__GT2 24161	34.16 2.24 -2.46	32.87 1.56 -10.50	31.44 1.48 -10.23	29.86 1.20 -12.83	31.13 1.22 -14.08	31.04 1.34 -11.12	29.36 1.44 -9.53	31.46 1.81 -7.57	32.85 2.30 -2.46	35.44 2.79 -1.70	35.26 2.63 -2.78	36.13 2.86 -0.81	37.06 2.87 -1.93	36.76 2.65 -3.69	35.92 2.87 0.01	38.33 3.17 0.01	40.69 3.36 0.01	43.55 3.60 0.01	46.30 3.59 0.01	48.66 3.65 0.01	51.56 3.24 -9.24	41.99 2.72 -4.77	39.57 2.56 -5.36	33.81 1.77 -7.47
NYPA_KENT____GT 24152	34.34 2.42 -2.46	32.95 1.64 -10.50	31.50 1.54 -10.23	29.91 1.25 -12.84	31.16 1.25 -14.08	31.14 1.43 -11.12	29.48 1.55 -9.54	31.55 1.90 -7.58	33.00 2.44 -2.46	35.60 2.94 -1.71	35.45 2.81 -2.79	36.33 3.05 -0.82	37.26 3.07 -1.94	36.95 2.83 -3.70	36.13 3.07 0.00	38.55 3.38 0.00	40.92 3.58 0.00	43.80 3.84 0.00	46.57 3.85 0.00	48.94 3.92 0.00	51.81 3.48 -9.24	42.27 3.00 -4.78	39.83 2.82 -5.37	34.04 1.99 -7.48
NYPA_POUCH1____GT 24155	34.39 2.48 -2.46	32.99 1.68 -10.50	31.52 1.56 -10.23	29.92 1.27 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.48 1.55 -9.54	31.55 1.90 -7.58	32.97 2.42 -2.46	35.60 2.94 -1.71	35.42 2.78 -2.79	36.30 3.02 -0.82	37.26 3.07 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.58 3.41 0.00	40.95 3.62 0.00	43.84 3.88 0.00	46.61 3.89 0.00	48.99 3.96 0.00	51.85 3.52 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48
NYPA_VERNON____GT2 24162	34.28 2.36 -2.46	32.94 1.62 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.84	31.15 1.24 -14.08	31.12 1.41 -11.12	29.46 1.53 -9.54	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.30 3.02 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.52 3.34 0.00	40.88 3.55 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.73 3.40 -9.24	42.20 2.93 -4.78	39.76 2.75 -5.37	33.99 1.94 -7.48
NYPA_VERNON____GT3 24163	34.28 2.36 -2.46	32.94 1.62 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.84	31.15 1.24 -14.08	31.12 1.41 -11.12	29.46 1.53 -9.54	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.30 3.02 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.52 3.34 0.00	40.88 3.55 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.73 3.40 -9.24	42.20 2.93 -4.78	39.76 2.75 -5.37	33.99 1.94 -7.48
NYPA__ASTORIA_CC1 323568	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.24 -14.08	31.12 1.41 -11.12	29.46 1.53 -9.54	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.98 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.52 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
NYPA__ASTORIA_CC2 323569	34.28 2.36 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.24 -14.08	31.12 1.41 -11.12	29.46 1.53 -9.54	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.26 2.98 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.52 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
NYPA__HOLTSVILL 23794	35.10 3.18 -2.46	33.38 2.08 -10.49	31.81 1.85 -10.22	30.07 1.42 -12.83	31.42 1.52 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.28 3.62 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.53 3.60 -11.87	48.56 3.94 -9.45	49.53 4.18 -8.02	49.64 4.55 -5.12	49.96 4.70 -2.54	49.99 4.82 -0.15	52.24 3.91 -9.24	48.65 3.62 -10.53	40.56 3.54 -5.38	34.46 2.41 -7.48
NYPA__HELLGATE_GT1 24158	34.16 2.24 -2.46	32.87 1.56 -10.50	31.44 1.48 -10.23	29.86 1.20 -12.83	31.13 1.22 -14.08	31.04 1.34 -11.12	29.36 1.44 -9.53	31.46 1.81 -7.57	32.85 2.30 -2.46	35.44 2.79 -1.70	35.26 2.63 -2.78	36.13 2.86 -0.81	37.06 2.87 -1.93	36.76 2.65 -3.69	35.92 2.87 0.01	38.33 3.17 0.01	40.69 3.36 0.01	43.55 3.60 0.01	46.30 3.59 0.01	48.66 3.65 0.01	51.56 3.24 -9.24	41.99 2.72 -4.77	39.57 2.56 -5.36	33.81 1.77 -7.47

NYPA_____HELLGATE_GT2 24159	34.16	32.87	31.44	29.86	31.13	31.04	29.36	31.46	32.85	35.44	35.26	36.13	37.06	36.76	35.92	38.33	40.69	43.55	46.30	48.66	51.56	41.99	39.57	33.81
	2.24	1.56	1.48	1.20	1.22	1.34	1.44	1.81	2.30	2.79	2.63	2.86	2.87	2.65	2.87	3.17	3.36	3.60	3.59	3.65	3.24	2.72	2.56	1.77
	-2.46	-10.50	-10.23	-12.83	-14.08	-11.12	-9.53	-7.57	-2.46	-1.70	-2.78	-0.81	-1.93	-3.69	0.01	0.01	0.01	0.01	0.01	0.01	-9.24	-4.77	-5.36	-7.47
NYS_BARGE___HYD 23848	18.00	17.13	14.98	14.01	13.99	14.05	16.83	16.03	19.40	15.87	18.91	20.65	21.01	21.38	21.20	19.77	22.05	25.32	28.71	30.04	26.08	24.69	23.68	20.02
	-3.18	-2.16	-1.99	-1.61	-1.65	-1.86	-2.08	-2.10	-3.23	-3.53	-3.34	-3.63	-3.61	-3.32	-3.64	-4.12	-4.41	-4.76	-5.13	-5.58	-4.65	-3.86	-3.07	-2.11
	8.28	1.52	2.76	0.20	0.19	2.68	-0.52	3.95	5.47	11.56	7.60	8.17	7.63	5.73	8.22	11.29	10.88	9.89	8.88	9.41	8.36	5.95	4.89	2.43
OAK ORCHARD___HYD 24046	25.71	20.96	19.95	16.58	16.72	19.00	18.65	21.98	26.81	30.84	29.00	31.23	31.09	29.28	31.71	34.41	35.98	38.01	40.37	42.41	37.59	33.31	30.84	24.44
	-1.68	-1.19	-1.09	-0.87	-0.90	-1.00	-0.96	-1.06	-1.60	-1.70	-1.67	-1.79	-1.77	-1.61	-1.75	-1.93	-2.05	-2.20	-2.35	-2.61	-2.07	-1.80	-1.49	-1.08
	2.07	-1.33	-1.30	-1.63	-1.79	-1.41	-1.21	-0.96	-0.32	-1.59	-0.82	-0.55	-0.60	-0.47	-0.41	-1.18	-0.70	-0.25	0.00	0.00	-0.58	-0.61	-0.68	-0.95
OAKDALE___35_KV_LOAD 356122	32.64	25.21	24.23	20.88	21.37	23.41	22.11	25.76	29.96	31.99	31.71	33.72	33.97	32.93	34.03	35.78	38.37	41.40	44.34	46.70	44.41	37.59	34.81	28.14
	0.18	0.15	0.16	0.11	0.11	0.15	0.13	0.18	0.08	0.15	0.15	0.19	0.19	0.21	0.17	0.21	0.19	0.24	0.30	0.27	0.39	0.38	0.38	0.34
	-3.00	-4.25	-4.34	-4.95	-5.43	-4.67	-3.58	-3.51	-1.78	-0.88	-1.71	-1.06	-1.52	-2.29	-0.81	-0.40	-0.85	-1.20	-1.32	-1.40	-4.94	-2.71	-2.78	-3.23
OCC_CHEM___DRP 24175	16.88	16.57	14.24	13.63	13.61	13.35	16.81	15.18	18.31	15.89	18.20	19.83	20.15	20.28	20.26	19.59	21.27	24.05	27.28	28.47	24.61	23.49	22.64	19.39
	-3.54	-2.39	-2.23	-1.79	-1.80	-2.08	-2.02	-2.36	-3.57	-3.87	-3.67	-3.99	-3.94	-3.62	-4.07	-4.50	-4.82	-5.16	-5.51	-6.03	-5.04	-4.28	-3.45	-2.36
	9.04	1.85	3.27	0.40	0.42	3.16	-0.44	4.53	6.21	11.19	7.98	8.63	8.17	6.52	8.73	11.08	11.25	10.76	9.93	10.52	9.43	6.73	5.56	2.82
OH_GEN_PROXY 24063	18.00	17.10	14.91	14.00	14.00	14.06	17.00	16.00	19.30	17.20	19.30	21.00	21.30	21.31	21.50	20.98	22.79	25.62	28.84	30.13	26.19	24.69	23.65	20.00
	-3.36	-2.27	-2.13	-1.69	-1.71	-1.95	-1.95	-2.23	-3.37	-3.68	-3.49	-3.80	-3.74	-3.44	-3.80	-4.26	-4.56	-4.88	-5.17	-5.67	-4.69	-4.00	-3.23	-2.24
	8.10	1.44	2.69	0.13	0.12	2.58	-0.56	3.85	5.42	10.07	7.06	7.66	7.22	5.68	7.75	9.93	9.99	9.47	8.71	9.22	8.20	5.81	4.77	2.33
OLIN_CORP_DRP 24177	17.04	16.65	14.33	13.70	13.66	13.42	16.52	15.24	18.45	16.13	18.33	20.00	20.31	20.39	20.43	19.81	21.46	24.16	27.20	28.40	24.53	23.58	22.78	19.49
	-3.45	-2.31	-2.17	-1.72	-1.76	-2.01	-2.32	-2.30	-3.48	-3.84	-3.64	-3.93	-3.87	-3.56	-4.00	-4.47	-4.78	-5.16	-5.64	-6.17	-5.20	-4.24	-3.35	-2.28
	8.97	1.85	3.23	0.40	0.41	3.16	-0.45	4.54	6.16	10.99	7.88	8.53	8.07	6.47	8.63	10.90	11.10	10.64	9.88	10.46	9.35	6.67	5.51	2.80
OLIN_CORP_DSASP 323712	16.88	16.57	14.24	13.63	13.61	13.35	16.81	15.18	18.31	15.89	18.20	19.83	20.15	20.28	20.26	19.59	21.27	24.05	27.28	28.47	24.61	23.49	22.64	19.39
	-3.54	-2.39	-2.23	-1.79	-1.80	-2.08	-2.02	-2.36	-3.57	-3.87	-3.67	-3.99	-3.94	-3.62	-4.07	-4.50	-4.82	-5.16	-5.51	-6.03	-5.04	-4.28	-3.45	-2.36
	9.04	1.85	3.27	0.40	0.42	3.16	-0.44	4.53	6.21	11.19	7.98	8.63	8.17	6.52	8.73	11.08	11.25	10.76	9.93	10.52	9.43	6.73	5.56	2.82
ONEIDA_HERK_LFGE 323681	30.07	21.52	20.44	16.60	16.64	19.28	18.96	22.64	28.32	31.25	30.10	32.79	32.57	30.74	33.32	35.42	37.60	40.20	43.57	45.97	40.56	35.58	32.58	25.50
	0.50	0.23	0.24	0.19	0.17	0.19	0.13	0.22	0.11	0.22	0.12	0.29	0.23	0.15	0.26	0.25	0.26	0.24	0.85	0.95	1.06	0.86	0.70	0.59
	-0.11	-0.48	-0.46	-0.58	-0.64	-0.51	-0.43	-0.34	-0.11	-0.08	-0.13	-0.04	-0.09	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-0.22	-0.24	-0.34
ONEIDA___115KV_TB4 55905	30.19	21.85	20.78	16.97	17.04	19.65	19.31	22.98	28.60	31.50	30.43	33.03	32.90	31.16	33.62	35.77	37.93	40.60	43.62	45.97	40.72	35.68	32.73	25.71
	0.56	0.33	0.36	0.28	0.27	0.32	0.28	0.40	0.34	0.43	0.39	0.52	0.52	0.49	0.56	0.60	0.60	0.64	0.90	0.95	1.02	0.86	0.73	0.64
	-0.16	-0.70	-0.68	-0.86	-0.94	-0.74	-0.64	-0.51	-0.17	-0.11	-0.19	-0.05	-0.13	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-0.32	-0.36	-0.50
ONONDAGA_REF_OCCRA 23987	30.17	21.97	20.89	17.29	17.44	19.85	19.45	22.92	28.19	30.97	30.01	32.36	32.30	30.72	32.82	34.93	37.07	39.72	42.46	44.76	40.27	35.04	32.26	25.49
	-0.18	-0.10	-0.08	-0.08	-0.08	-0.07	-0.09	-0.07	-0.20	-0.19	-0.18	-0.19	-0.19	-0.15	-0.23	-0.25	-0.26	-0.24	-0.26	-0.27	-0.04	-0.03	-0.03	0.02
	-0.88	-1.26	-1.23	-1.54	-1.69	-1.34	-1.15	-0.91	-0.30	-0.21	-0.34	-0.10	-0.23	-0.44	0.00	0.00	0.00	0.00	0.00	0.00	-1.22	-0.57	-0.65	-0.90
ONONDAGA___COGEN 23986	30.57	21.89	20.81	17.18	17.33	19.77	19.40	22.87	28.23	30.99	30.04	32.42	32.34	30.74	32.86	34.96	37.11	39.76	42.46	44.80	40.26	34.99	32.24	25.45
	-0.15	-0.08	-0.06	-0.06	-0.06	-0.06	-0.06	-0.04	-0.14	-0.15	-0.12	-0.13	-0.13	-0.09	-0.20	-0.21	-0.22	-0.20	-0.26	-0.23	-0.04	-0.03	0.00	0.05
	-1.26	-1.16	-1.13	-1.42	-1.56	-1.23	-1.06	-0.84	-0.27	-0.19	-0.31	-0.09	-0.21	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	-1.21	-0.53	-0.60	-0.83
ONTARIO___LFGE 23819	53.38	23.98	23.61	18.84	19.13	22.63	20.18	25.98	31.31	34.03	33.16	35.62	35.61	34.08	36.20	38.08	41.18	44.42	47.24	49.77	49.17	38.85	35.58	27.68
	-0.35	-0.27	-0.24	-0.22	-0.24	-0.22	-0.24	-0.24	-0.59	-0.65	-0.66	-0.71	-0.71	-0.61	-0.66	-0.74	-0.71	-0.64	-0.60	-0.67	-0.31	-0.24	-0.19	-0.10
	-24.27	-3.44	-4.11	-3.24	-3.54	-4.27	-2.02	-4.14	-3.81	-3.73	-3.96	-3.87	-4.06	-4.26	-3.81	-3.65	-4.56	-5.10	-5.12	-5.42	-10.40	-4.59	-4.12	-3.21
ORANGEVILLE_WT_PWR 323706	2.32	10.31	5.10	9.39	8.92	4.01	15.22	4.06	5.50	4.30	5.40	6.12	6.26	6.32	6.32	4.01	1.00	1.00	4.01	4.01	1.02	6.19	7.68	10.08
	-2.33	-1.67	-1.58	-1.31	-1.38	-1.56	-1.64	-1.88	-2.89	-3.16	-3.05	-3.38	-3.36	-3.07	-3.37	-3.66	-3.84	-3.96	-4.23	-4.50	-3.60	-3.17	-2.69	-1.92
	24.82	8.84	13.06	5.12	5.53	13.02	1.54	16.14	19.70	23.49	21.41	22.96	22.64	21.03	23.36	27.50	32.49	35.01	34.48	36.51	34.47	25.13	21.27	12.57
ORANGEVILLE___ESR 323794	2.32	10.31	5.10	9.39	8.92	4.01	15.22	4.06	5.50	4.30	5.40	6.12	6.26	6.32	6.32	4.01	1.00	1.00	4.01	4.01	1.02	6.19	7.68	10.08
	-2.33	-1.67	-1.58	-1.31	-1.38	-1.56	-1.64	-1.88	-2.89	-3.16	-3.05	-3.38	-3.36	-3.07	-3.37	-3.66	-3.84	-3.96	-4.23	-4.50	-3.60	-3.17	-2.69	-1.92
	24.82	8.84	13.06	5.12	5.53	13.02	1.54	16.14	19.70	23.49	21.41	22.96	22.64	21.03	23.36	27.50	32.49	35.01	34.48	36.51	34.47	25.13	21.27	12.57

OSWEGATCHIE___HYD 24044	29.34 -0.20 -0.08	20.84 -0.31 -0.34	19.75 -0.32 -0.33	16.02 -0.22 -0.42	16.06 -0.22 -0.46	18.65 -0.30 -0.36	18.35 -0.35 -0.31	21.86 -0.46 -0.25	27.50 -0.67 -0.08	30.30 -0.71 -0.06	29.16 -0.78 -0.09	31.68 -0.81 -0.03	31.45 -0.87 -0.06	29.63 -0.91 -0.12	32.23 -0.83 0.00	34.33 -0.84 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	39.27 -0.12 -0.30	34.52 -0.14 -0.15	31.53 -0.29 -0.17	24.64 -0.17 -0.24
OSWEGO___5 23606	29.01 -0.65 -0.19	21.20 -0.44 -0.82	20.14 -0.39 -0.80	16.50 -0.33 -1.01	16.60 -0.33 -1.11	19.09 -0.37 -0.87	18.78 -0.37 -0.75	22.25 -0.42 -0.60	27.67 -0.62 -0.19	30.41 -0.68 -0.13	29.41 -0.66 -0.22	31.81 -0.71 -0.06	31.70 -0.71 -0.15	30.04 -0.67 -0.29	32.30 -0.76 0.00	34.33 -0.84 0.00	36.44 -0.90 0.00	39.00 -0.96 0.00	41.69 -1.03 0.00	43.99 -1.03 0.00	39.03 -0.78 -0.73	34.18 -0.69 -0.38	31.46 -0.60 -0.42	24.74 -0.42 -0.59
OSWEGO___6 23613	29.01 -0.65 -0.19	21.20 -0.44 -0.82	20.14 -0.39 -0.80	16.50 -0.33 -1.01	16.60 -0.33 -1.11	19.09 -0.37 -0.87	18.78 -0.37 -0.75	22.25 -0.42 -0.60	27.67 -0.62 -0.19	30.41 -0.68 -0.13	29.41 -0.66 -0.22	31.81 -0.71 -0.06	31.70 -0.71 -0.15	30.04 -0.67 -0.29	32.30 -0.76 0.00	34.33 -0.84 0.00	36.44 -0.90 0.00	39.00 -0.96 0.00	41.69 -1.03 0.00	43.99 -1.03 0.00	39.03 -0.78 -0.73	34.18 -0.69 -0.38	31.46 -0.60 -0.42	24.74 -0.42 -0.59
OUTOKUMPU-AB___DRP 24206	17.04 -3.06 9.35	16.72 -2.10 1.99	14.35 -1.93 3.45	13.77 -1.57 0.49	13.72 -1.60 0.51	13.39 -1.84 3.36	16.97 -1.84 -0.41	15.23 -2.08 4.77	18.44 -3.17 6.48	15.86 -3.40 11.69	18.29 -3.22 8.34	19.95 -3.51 9.00	20.31 -3.42 8.52	20.45 -3.16 6.81	20.38 -3.57 9.10	19.71 -3.94 11.53	21.44 -4.22 11.68	24.30 -4.52 11.15	27.56 -4.87 10.29	28.82 -5.31 10.89	24.91 -4.42 9.76	23.78 -3.73 6.99	22.89 -2.97 5.77	19.60 -2.01 2.95
OXBOW___BTM 323836	16.96 -3.30 9.20	16.64 -2.25 1.92	14.30 -2.07 3.36	13.70 -1.68 0.45	13.66 -1.71 0.46	13.38 -1.95 3.26	16.89 -1.93 -0.43	15.21 -2.21 4.65	18.40 -3.34 6.35	15.92 -3.59 11.44	18.29 -3.40 8.16	19.91 -3.73 8.82	20.23 -3.68 8.35	20.37 -3.38 6.67	20.44 -3.70 8.92	19.68 -4.19 11.31	21.35 -4.52 11.47	24.17 -4.84 10.96	27.48 -5.13 10.11	28.69 -5.63 10.71	24.80 -4.69 9.60	23.63 -4.00 6.86	22.81 -3.16 5.67	19.47 -2.21 2.89
OXBOW___ 24026	16.96 -3.30 9.20	16.66 -2.23 1.92	14.30 -2.07 3.36	13.70 -1.68 0.45	13.67 -1.69 0.46	13.38 -1.95 3.26	16.91 -1.91 -0.43	15.22 -2.21 4.65	18.40 -3.34 6.35	15.89 -3.62 11.44	18.26 -3.43 8.16	19.91 -3.73 8.82	20.27 -3.65 8.35	20.38 -3.38 6.67	20.37 -3.77 8.92	19.68 -4.19 11.31	21.39 -4.48 11.47	24.17 -4.84 10.95	27.44 -5.17 10.11	28.69 -5.63 10.71	24.80 -4.69 9.60	23.67 -3.97 6.86	22.81 -3.16 5.67	19.52 -2.16 2.89
OXY_CHEM_DSASP 323612	16.88 -3.54 9.04	16.57 -2.39 1.85	14.24 -2.23 3.27	13.63 -1.79 0.40	13.61 -1.80 0.42	13.35 -2.08 3.16	16.81 -2.02 -0.44	15.18 -2.36 4.53	18.31 -3.57 6.21	15.89 -3.87 11.19	18.20 -3.67 7.98	19.83 -3.99 8.63	20.15 -3.94 8.17	20.28 -3.62 6.52	20.26 -4.07 8.73	19.59 -4.50 11.08	21.27 -4.82 11.25	24.05 -5.16 10.76	27.28 -5.51 9.93	28.47 -6.03 10.52	24.61 -5.04 9.43	23.49 -4.28 6.73	22.64 -3.45 5.56	19.39 -2.36 2.82
OZONE_PARK_ESR 323760	34.33 2.42 -2.45	32.95 1.64 -10.49	31.49 1.54 -10.22	29.90 1.25 -12.83	31.14 1.23 -14.07	31.15 1.45 -11.12	29.52 1.58 -9.55	31.60 1.94 -7.58	33.06 2.50 -2.46	35.66 3.00 -1.71	35.51 2.87 -2.79	36.39 3.12 -0.82	37.32 3.13 -1.94	37.01 2.89 -3.70	36.23 3.17 0.00	38.62 3.45 0.00	40.96 3.62 0.00	43.84 3.88 0.00	46.61 3.89 0.00	49.03 4.01 0.00	51.85 3.52 -9.24	42.31 3.04 -4.78	39.86 2.85 -5.37	34.06 2.01 -7.48
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.88 -3.54 9.04	16.57 -2.39 1.85	14.24 -2.23 3.27	13.63 -1.79 0.40	13.61 -1.80 0.42	13.35 -2.08 3.16	16.81 -2.02 -0.44	15.18 -2.36 4.53	18.31 -3.57 6.21	15.89 -3.87 11.19	18.20 -3.67 7.98	19.83 -3.99 8.63	20.15 -3.94 8.17	20.28 -3.62 6.52	20.26 -4.07 8.73	19.59 -4.50 11.08	21.27 -4.82 11.25	24.05 -5.16 10.76	27.28 -5.51 9.93	28.47 -6.03 10.52	24.61 -5.04 9.43	23.49 -4.28 6.73	22.64 -3.45 5.56	19.39 -2.36 2.82
PACKARD___115KV_DUPONT_184 80571	16.88 -3.54 9.04	16.57 -2.39 1.85	14.24 -2.23 3.27	13.63 -1.79 0.40	13.59 -1.82 0.42	13.35 -2.08 3.16	16.81 -2.02 -0.44	15.18 -2.36 4.53	18.31 -3.57 6.21	15.89 -3.87 11.19	18.20 -3.67 7.98	19.83 -3.99 8.63	20.15 -3.94 8.17	20.28 -3.62 6.52	20.32 -4.00 8.73	19.58 -4.50 11.09	21.26 -4.82 11.25	24.01 -5.19 10.76	27.28 -5.51 9.93	28.48 -6.03 10.52	24.61 -5.04 9.43	23.49 -4.28 6.73	22.64 -3.45 5.56	19.37 -2.38 2.82
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.25 2.33 -2.46	32.91 1.60 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.83	31.14 1.23 -14.08	31.08 1.38 -11.12	29.40 1.45 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.73 3.40 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.66 2.74 -2.46	33.22 1.91 -10.50	31.78 1.82 -10.23	30.13 1.47 -12.83	31.38 1.47 -14.08	31.36 1.65 -11.12	29.67 1.73 -9.55	31.78 2.12 -7.58	33.25 2.70 -2.46	35.88 3.22 -1.71	35.69 3.04 -2.79	36.59 3.31 -0.82	37.55 3.35 -1.94	37.22 3.10 -3.70	36.46 3.40 0.00	38.87 3.69 0.00	41.25 3.92 0.00	44.16 4.20 0.00	46.91 4.19 0.00	49.30 4.28 0.00	52.08 3.75 -9.24	42.52 3.24 -4.78	40.08 3.07 -5.37	34.24 2.19 -7.48
PATROON___115KV_TB1 80586	33.40 1.12 -2.82	33.66 0.77 -12.07	32.25 0.75 -11.76	31.19 0.60 -14.76	32.63 0.60 -16.20	32.07 0.69 -12.80	29.99 0.61 -10.99	31.55 0.75 -8.73	31.81 0.87 -2.84	33.88 0.96 -1.97	34.02 0.96 -3.22	34.44 1.04 -0.94	35.49 1.00 -2.23	35.66 0.97 -4.26	34.18 1.12 0.00	36.37 1.20 0.00	38.49 1.16 0.00	41.24 1.28 0.00	44.04 1.32 0.00	46.47 1.44 0.00	50.99 1.25 -10.66	41.25 1.24 -5.51	38.97 1.14 -6.19	34.08 0.88 -8.63
PATTRSNVILLE___SOLAR 323815	33.62 1.21 -2.95	34.28 0.85 -12.62	32.83 0.81 -12.29	31.90 0.65 -15.43	33.40 0.65 -16.93	32.72 0.76 -13.37	30.63 0.74 -11.51	32.07 0.86 -9.13	31.99 0.93 -2.97	33.94 0.93 -2.06	34.05 0.83 -3.37	34.35 0.91 -0.99	35.53 0.94 -2.33	35.76 0.88 -4.46	34.08 1.03 0.00	36.37 1.20 0.00	38.64 1.31 0.00	41.48 1.52 0.00	44.47 1.75 0.00	46.92 1.89 0.00	51.99 1.76 -11.15	41.81 1.55 -5.76	39.57 1.46 -6.47	34.67 1.08 -9.02
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.46 -2.00 10.00	17.22 -1.33 2.26	14.65 -1.20 3.88	14.21 -1.00 0.61	14.16 -1.03 0.64	13.65 -1.15 3.78	17.66 -1.14 -0.41	15.46 -1.28 5.33	18.73 -2.16 7.20	16.97 -2.26 11.73	18.87 -2.15 8.83	20.54 -2.34 9.58	20.86 -2.26 9.14	20.78 -2.07 7.58	20.95 -2.38 9.73	21.26 -2.67 11.24	22.72 -2.87 11.74	25.39 -3.08 11.50	28.75 -3.20 10.77	30.06 -3.56 11.40	26.10 -2.89 10.09	24.79 -2.41 7.30	23.82 -1.80 6.02	20.38 -1.13 3.06

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.14 2.21 -2.47	32.92 1.52 -10.58	31.49 1.44 -10.31	29.90 1.14 -12.94	31.18 1.16 -14.20	31.18 1.38 -11.22	29.46 1.43 -9.64	31.45 1.72 -7.65	32.80 2.22 -2.49	35.34 2.66 -1.72	35.26 2.60 -2.82	36.17 2.89 -0.83	37.11 2.90 -1.95	36.89 2.74 -3.73	36.03 2.97 0.00	38.37 3.20 0.00	40.62 3.29 0.00	43.44 3.48 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.73 3.32 -9.33	42.15 2.83 -4.82	39.75 2.69 -5.42	33.98 1.87 -7.55
PEEKSKILL____ 23653	33.96 2.06 -2.44	32.66 1.42 -10.44	31.22 1.32 -10.17	29.64 1.06 -12.76	30.89 1.06 -14.00	30.91 1.26 -11.06	29.25 1.36 -9.49	31.27 1.66 -7.54	32.68 2.13 -2.45	35.19 2.54 -1.70	35.08 2.45 -2.78	35.94 2.66 -0.81	36.89 2.71 -1.93	36.63 2.52 -3.68	35.80 2.74 0.00	38.16 2.99 0.00	40.43 3.10 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.41 3.38 0.00	51.29 3.01 -9.20	41.87 2.62 -4.75	39.42 2.44 -5.34	33.73 1.72 -7.44
PGE MADISON__WINDPWR 24146	34.63 1.56 -3.61	26.55 1.00 -4.74	25.64 1.01 -4.89	22.08 0.81 -5.45	22.56 0.76 -5.97	24.75 0.91 -5.25	22.97 0.66 -3.92	27.01 0.91 -4.03	31.08 0.79 -2.20	33.83 0.96 -1.92	32.96 0.75 -2.36	35.24 1.10 -1.67	35.53 1.16 -2.11	34.29 1.10 -2.77	35.69 1.26 -1.38	37.77 1.34 -1.26	40.26 1.34 -1.58	43.28 1.56 -1.76	46.33 1.84 -1.77	48.84 1.94 -1.88	46.81 2.07 -5.66	39.34 1.66 -3.19	36.23 1.36 -3.23	29.32 1.13 -3.62
PIERCEFIELD____HYD 23852	29.15 -0.35 -0.04	20.62 -0.37 -0.18	19.52 -0.39 -0.18	15.78 -0.27 -0.22	15.82 -0.25 -0.24	18.44 -0.33 -0.19	18.21 -0.35 -0.17	21.63 -0.57 -0.13	27.41 -0.73 -0.04	30.18 -0.80 -0.03	29.09 -0.81 -0.05	31.56 -0.91 -0.01	31.32 -0.97 -0.03	29.51 -0.97 -0.06	32.16 -0.89 0.00	34.33 -0.84 0.00	36.70 -0.63 0.00	39.20 -0.76 0.00	42.16 -0.56 0.00	44.40 -0.63 0.00	38.70 -0.55 -0.16	34.06 -0.52 -0.08	31.07 -0.66 -0.09	24.18 -0.52 -0.13
PINELAWN_CC_1 323563	34.89 2.97 -2.46	33.24 1.94 -10.49	31.69 1.74 -10.22	29.98 1.33 -12.83	31.33 1.43 -14.07	31.27 1.56 -11.12	29.72 1.78 -9.54	31.79 2.14 -7.58	33.37 2.81 -2.46	36.13 3.47 -1.71	43.63 3.25 -10.53	43.86 3.51 -7.90	44.02 3.52 -8.24	46.14 3.29 -12.43	48.50 3.57 -11.87	48.49 3.87 -9.45	49.46 4.11 -8.02	49.48 4.40 -5.12	49.78 4.53 -2.54	49.81 4.64 -0.15	52.24 3.91 -9.24	48.58 3.55 -10.53	40.47 3.45 -5.38	34.41 2.36 -7.48
PJM_GEN_HTP_PROXY 323702	34.09 2.18 -2.45	32.80 1.50 -10.49	31.36 1.40 -10.22	29.79 1.14 -12.83	31.04 1.14 -14.07	31.04 1.34 -11.12	29.41 1.47 -9.54	31.44 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	35.96 2.91 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.53 3.21 -9.24	42.03 2.76 -4.77	39.61 2.60 -5.37	33.87 1.82 -7.48
PJM_GEN_KEystone 24065	23.87 -1.38 4.21	21.81 -0.92 -1.91	19.91 -0.85 -1.02	18.55 -0.68 -3.41	18.89 -0.70 -3.76	19.14 -0.78 -1.33	20.61 -0.75 -2.97	20.75 -0.86 0.47	23.72 -1.49 2.89	23.45 -1.52 5.99	24.60 -1.43 3.82	26.15 -1.56 4.75	26.58 -1.52 4.17	26.34 -1.37 2.72	26.46 -1.55 5.04	27.58 -1.76 5.83	29.59 -1.94 5.80	32.48 -2.04 5.44	39.86 0.04 2.90	41.86 -0.09 3.07	41.80 0.08 -2.64	35.39 0.10 -0.79	33.37 0.25 -1.48	28.28 0.22 -3.49
PJM_GEN_NEPTUNE_PROXY 323594	34.69 2.77 -2.46	33.11 1.81 -10.49	31.59 1.64 -10.22	29.90 1.25 -12.83	31.23 1.33 -14.07	31.19 1.49 -11.12	29.61 1.67 -9.54	31.66 2.01 -7.58	33.23 2.67 -2.46	35.94 3.28 -1.71	43.42 3.05 -10.53	43.67 3.31 -7.90	43.83 3.32 -8.24	45.96 3.10 -12.43	48.26 3.34 -11.87	48.28 3.66 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.45 4.28 -0.15	51.96 3.64 -9.24	48.31 3.28 -10.53	40.22 3.19 -5.38	34.24 2.19 -7.48
PJM_GEN_VFT_PROXY 323633	34.03 2.12 -2.45	32.74 1.43 -10.49	31.31 1.36 -10.22	29.76 1.11 -12.83	31.01 1.11 -14.07	31.01 1.30 -11.12	29.37 1.44 -9.54	31.42 1.77 -7.58	32.83 2.27 -2.46	35.39 2.72 -1.71	35.24 2.60 -2.79	36.10 2.82 -0.82	37.03 2.84 -1.94	36.74 2.62 -3.70	35.90 2.84 0.00	38.30 3.13 0.00	40.62 3.29 0.00	43.44 3.48 0.00	46.22 3.50 0.00	48.58 3.56 0.00	51.46 3.13 -9.24	41.97 2.69 -4.78	39.55 2.53 -5.37	33.82 1.77 -7.48
PLATSBURG_115KV_PMLD1 355749	29.96 0.50 0.00	21.06 0.25 0.00	19.91 0.18 0.00	16.00 0.17 0.00	16.03 0.21 0.00	18.79 0.20 0.00	18.56 0.17 0.00	22.19 0.11 0.00	28.26 0.17 0.00	31.14 0.19 0.00	30.03 0.18 0.00	32.62 0.16 0.00	32.36 0.10 0.00	30.45 0.03 0.00	33.22 0.17 0.00	35.42 0.25 0.00	37.86 0.52 0.00	39.92 -0.04 0.00	42.76 0.04 0.00	44.98 -0.05 0.00	38.97 -0.12 0.00	34.36 -0.14 0.00	31.33 -0.32 0.00	24.25 -0.32 0.00
PLEASANTVLY____LBMP 24000	33.81 1.83 -2.52	32.87 1.27 -10.79	31.45 1.20 -10.51	29.98 0.97 -13.19	31.26 0.97 -14.47	31.15 1.13 -11.43	29.43 1.21 -9.82	31.35 1.48 -7.80	32.51 1.88 -2.53	34.94 2.23 -1.76	34.87 2.15 -2.87	35.64 2.34 -0.84	36.60 2.35 -1.99	36.45 2.22 -3.80	35.47 2.41 0.00	37.77 2.60 0.00	40.06 2.73 0.00	42.88 2.92 0.00	45.67 2.95 0.00	48.04 3.02 0.00	51.29 2.70 -9.50	41.75 2.35 -4.91	39.35 2.18 -5.52	33.81 1.55 -7.69
PLSNTVLE_13_KV_13.8KVDIST 80602	34.11 2.18 -2.46	32.86 1.50 -10.55	31.41 1.40 -10.27	29.84 1.12 -12.90	31.10 1.12 -14.15	31.10 1.34 -11.18	29.43 1.43 -9.60	31.44 1.74 -7.62	32.85 2.28 -2.48	35.39 2.72 -1.72	35.28 2.63 -2.81	36.11 2.82 -0.82	37.08 2.87 -1.95	36.82 2.68 -3.72	35.96 2.91 0.00	38.30 3.13 0.00	40.62 3.29 0.00	43.48 3.52 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.58 3.20 -9.29	42.06 2.76 -4.80	39.61 2.56 -5.40	33.91 1.82 -7.52
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.11 2.18 -2.46	32.86 1.50 -10.55	31.41 1.40 -10.27	29.84 1.12 -12.90	31.10 1.12 -14.15	31.10 1.34 -11.18	29.43 1.43 -9.60	31.44 1.74 -7.62	32.85 2.28 -2.48	35.39 2.72 -1.72	35.28 2.63 -2.81	36.11 2.82 -0.82	37.08 2.87 -1.95	36.82 2.68 -3.72	35.96 2.91 0.00	38.30 3.13 0.00	40.62 3.29 0.00	43.48 3.52 0.00	46.27 3.55 0.00	48.63 3.60 0.00	51.58 3.20 -9.29	42.06 2.76 -4.80	39.61 2.56 -5.40	33.91 1.82 -7.52
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.91 1.94 -2.50	32.87 1.35 -10.71	31.45 1.28 -10.43	29.93 1.01 -13.10	31.21 1.01 -14.37	31.13 1.19 -11.35	29.39 1.25 -9.75	31.32 1.50 -7.74	32.55 1.94 -2.51	34.92 2.23 -1.74	34.85 2.15 -2.85	35.66 2.37 -0.83	36.62 2.39 -1.97	36.42 2.22 -3.77	35.53 2.48 0.00	37.81 2.64 0.00	40.10 2.76 0.00	42.92 2.96 0.00	45.84 3.12 0.00	48.22 3.20 0.00	51.45 2.93 -9.43	41.85 2.48 -4.87	39.46 2.34 -5.48	33.85 1.65 -7.63
POLETTI____ 23519	34.12 2.21 -2.45	32.80 1.50 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.27 2.63 -2.79	36.13 2.86 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.34 3.17 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.53 3.20 -9.24	42.03 2.76 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48

POMONA___ESR 323819	33.96 2.09 -2.41	32.56 1.43 -10.31	31.12 1.34 -10.04	29.51 1.08 -12.61	30.74 1.08 -13.83	30.80 1.28 -10.93	29.13 1.36 -9.38	31.18 1.66 -7.45	32.65 2.13 -2.42	35.17 2.54 -1.68	35.04 2.45 -2.74	35.93 2.66 -0.80	36.87 2.71 -1.90	36.58 2.52 -3.63	35.80 2.74 0.00	38.16 2.99 0.00	40.43 3.10 0.00	43.28 3.32 0.00	46.05 3.33 0.00	48.41 3.38 0.00	51.22 3.05 -9.09	41.81 2.62 -4.69	39.39 2.47 -5.28	33.64 1.72 -7.35
PORT_JEFF_3 23555	35.13 3.21 -2.46	33.40 2.10 -10.49	31.83 1.88 -10.22	30.09 1.44 -12.83	31.44 1.53 -14.07	31.40 1.69 -11.12	29.85 1.91 -9.54	31.93 2.27 -7.58	33.57 3.01 -2.46	36.34 3.68 -1.71	43.75 3.37 -10.53	44.02 3.67 -7.90	44.12 3.61 -8.24	46.23 3.38 -12.43	48.56 3.64 -11.87	48.63 4.01 -9.45	49.61 4.25 -8.02	49.72 4.63 -5.12	50.04 4.78 -2.54	50.08 4.91 -0.15	52.32 3.99 -9.24	48.72 3.69 -10.53	40.63 3.61 -5.38	34.48 2.43 -7.48
PORT_JEFF_4 23616	35.13 3.21 -2.46	33.40 2.10 -10.49	31.83 1.88 -10.22	30.09 1.44 -12.83	31.44 1.53 -14.07	31.40 1.69 -11.12	29.85 1.91 -9.54	31.93 2.27 -7.58	33.57 3.01 -2.46	36.34 3.68 -1.71	43.75 3.37 -10.53	44.02 3.67 -7.90	44.12 3.61 -8.24	46.23 3.38 -12.43	48.56 3.64 -11.87	48.63 4.01 -9.45	49.61 4.25 -8.02	49.72 4.63 -5.12	50.04 4.78 -2.54	50.08 4.91 -0.15	52.32 3.99 -9.24	48.72 3.69 -10.53	40.63 3.61 -5.38	34.48 2.43 -7.48
PORT_JEFF_IC 23713	35.15 3.24 -2.45	33.43 2.12 -10.49	31.85 1.89 -10.22	30.09 1.44 -12.83	31.45 1.55 -14.07	31.40 1.69 -11.12	29.88 1.93 -9.55	31.95 2.30 -7.58	33.59 3.03 -2.46	36.38 3.71 -1.71	43.78 3.40 -10.53	44.06 3.70 -7.90	44.15 3.65 -8.24	46.23 3.38 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.61 4.26 -8.02	49.76 4.68 -5.12	50.09 4.83 -2.54	50.12 4.95 -0.15	52.35 4.03 -9.24	48.75 3.73 -10.53	40.65 3.64 -5.37	34.51 2.46 -7.48
PPL PILGRIM_ST_GT1 24216	35.10 3.18 -2.46	33.36 2.06 -10.49	31.81 1.85 -10.22	30.06 1.41 -12.83	31.41 1.50 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.31 3.65 -1.71	43.78 3.40 -10.53	44.06 3.70 -7.90	44.18 3.68 -8.24	46.29 3.44 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.61 4.25 -8.02	49.68 4.59 -5.12	50.00 4.74 -2.54	50.04 4.86 -0.15	52.36 4.03 -9.24	48.75 3.73 -10.53	40.66 3.64 -5.38	34.51 2.46 -7.48
PPL PILGRIM_ST_GT2 24217	35.10 3.18 -2.46	33.36 2.06 -10.49	31.81 1.85 -10.22	30.06 1.41 -12.83	31.41 1.50 -14.07	31.38 1.67 -11.12	29.83 1.89 -9.54	31.91 2.25 -7.58	33.53 2.98 -2.46	36.31 3.65 -1.71	43.78 3.40 -10.53	44.06 3.70 -7.90	44.18 3.68 -8.24	46.29 3.44 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.61 4.25 -8.02	49.68 4.59 -5.12	50.00 4.74 -2.54	50.04 4.86 -0.15	52.36 4.03 -9.24	48.75 3.73 -10.53	40.66 3.64 -5.38	34.51 2.46 -7.48
PPL_SHRM_GT3 24213	35.31 3.39 -2.46	33.51 2.20 -10.49	31.95 1.99 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.49 1.78 -11.12	29.94 2.01 -9.54	32.04 2.38 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.75 3.37 -10.53	43.99 3.63 -7.90	44.02 3.52 -8.24	46.11 3.26 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.53 4.18 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.24 3.91 -9.24	48.61 3.59 -10.53	40.63 3.61 -5.38	34.48 2.43 -7.48
PPL_SHRM_GT4 24214	35.31 3.39 -2.46	33.51 2.20 -10.49	31.95 1.99 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.49 1.78 -11.12	29.94 2.01 -9.54	32.04 2.38 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.75 3.37 -10.53	43.99 3.63 -7.90	44.02 3.52 -8.24	46.11 3.26 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.53 4.18 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.24 3.91 -9.24	48.61 3.59 -10.53	40.63 3.61 -5.38	34.48 2.43 -7.48
PROJECT___ORANGE 1 24174	29.41 -0.29 -0.24	21.64 -0.21 -1.04	20.57 -0.18 -1.01	16.93 -0.16 -1.27	17.06 -0.16 -1.39	19.52 -0.17 -1.10	19.17 -0.17 -0.94	22.67 -0.15 -0.75	28.06 -0.28 -0.24	30.81 -0.31 -0.17	29.86 -0.27 -0.28	32.25 -0.29 -0.08	32.16 -0.29 -0.19	30.55 -0.24 -0.37	32.69 -0.36 0.00	34.79 -0.39 0.00	36.92 -0.41 0.00	39.52 -0.44 0.00	42.25 -0.47 0.00	44.53 -0.50 0.00	39.72 -0.27 -0.91	34.73 -0.24 -0.47	32.01 -0.16 -0.53	25.23 -0.07 -0.74
PROJECT___ORANGE 2 24166	29.41 -0.29 -0.24	21.64 -0.21 -1.04	20.57 -0.18 -1.01	16.93 -0.16 -1.27	17.06 -0.16 -1.39	19.52 -0.17 -1.10	19.17 -0.17 -0.94	22.67 -0.15 -0.75	28.06 -0.28 -0.24	30.81 -0.31 -0.17	29.86 -0.27 -0.28	32.25 -0.29 -0.08	32.16 -0.29 -0.19	30.55 -0.24 -0.37	32.69 -0.36 0.00	34.79 -0.39 0.00	36.92 -0.41 0.00	39.52 -0.44 0.00	42.25 -0.47 0.00	44.53 -0.50 0.00	39.72 -0.27 -0.91	34.73 -0.24 -0.47	32.01 -0.16 -0.53	25.23 -0.07 -0.74
PUCKETT___SOLAR 323809	32.95 0.62 -2.87	25.74 0.42 -4.51	24.74 0.43 -4.57	21.44 0.33 -5.28	21.95 0.33 -5.79	23.92 0.41 -4.93	22.55 0.31 -3.84	26.15 0.42 -3.65	30.20 0.34 -1.77	32.84 0.40 -1.49	32.13 0.36 -1.92	34.12 0.45 -1.21	34.39 0.48 -1.65	33.22 0.49 -2.31	34.49 0.53 -0.90	35.26 0.56 0.47	37.65 0.60 0.28	40.58 0.72 0.10	43.49 0.77 0.00	45.84 0.81 0.00	43.85 0.90 -3.86	37.11 0.76 -1.85	34.46 0.73 -2.08	28.06 0.59 -2.90
PYRITES___HYD 24023	29.44 -0.06 -0.04	20.79 -0.19 -0.17	19.68 -0.22 -0.16	15.90 -0.13 -0.21	15.96 -0.09 -0.23	18.60 -0.17 -0.18	18.34 -0.20 -0.15	21.78 -0.42 -0.12	27.54 -0.59 -0.04	30.24 -0.74 -0.03	29.12 -0.78 -0.04	31.53 -0.94 -0.01	31.32 -0.97 -0.03	29.51 -0.97 -0.06	32.23 -0.83 0.00	34.47 -0.70 0.00	36.92 -0.41 0.00	39.52 -0.44 0.00	42.55 -0.17 0.00	44.85 -0.18 0.00	39.12 -0.12 -0.15	34.47 -0.10 -0.08	31.41 -0.32 -0.09	24.42 -0.27 -0.12
QUAKERRD_115KV_BK1 80622	24.13 -2.00 3.33	20.68 -1.42 -1.29	19.69 -1.30 -1.25	16.34 -1.06 -1.57	16.48 -1.08 -1.73	18.74 -1.21 -1.36	18.41 -1.16 -1.17	21.68 -1.32 -0.93	26.51 -1.88 -0.30	29.92 -2.01 -0.98	28.48 -1.97 -0.60	30.70 -2.11 -0.35	30.60 -2.10 -0.43	28.96 -1.92 -0.45	31.13 -2.15 -0.22	33.54 -2.29 -0.66	35.30 -2.43 -0.39	37.50 -2.60 -0.14	39.90 -2.82 0.00	41.96 -3.06 0.00	36.98 -2.46 -0.35	32.91 -2.17 -0.59	30.40 -1.90 -0.66	24.11 -1.38 -0.92
QUENSBRY_115KV_TB8 356137	34.37 2.03 -2.88	34.52 1.39 -12.32	33.06 1.32 -12.00	31.96 1.08 -15.06	33.44 1.09 -16.52	32.91 1.26 -13.05	30.82 1.21 -11.21	32.44 1.46 -8.90	32.65 1.66 -2.90	34.79 1.83 -2.01	34.72 1.58 -3.29	35.05 1.62 -0.96	36.06 1.52 -2.28	36.03 1.25 -4.36	34.54 1.49 0.00	36.86 1.69 0.00	39.35 2.02 0.00	42.28 2.32 0.00	45.62 2.90 0.00	48.22 3.20 0.00	52.91 2.93 -10.89	42.71 2.59 -5.63	40.34 2.37 -6.33	35.10 1.72 -8.81
RAMAPO___LBMP 323565	33.86 2.00 -2.40	32.45 1.37 -10.27	31.02 1.28 -10.00	29.41 1.03 -12.56	30.63 1.03 -13.78	30.70 1.23 -10.88	29.05 1.31 -9.35	31.09 1.59 -7.42	32.56 2.05 -2.41	35.07 2.45 -1.67	34.94 2.36 -2.73	35.82 2.56 -0.80	36.73 2.58 -1.90	36.45 2.40 -3.62	35.70 2.64 0.00	38.02 2.85 0.00	40.32 2.99 0.00	43.12 3.16 0.00	45.88 3.16 0.00	48.27 3.24 0.00	51.03 2.89 -9.05	41.69 2.52 -4.67	39.24 2.34 -5.26	33.54 1.65 -7.32

RANKINE____ 23646	15.98 -2.68 10.81	16.38 -1.81 2.63	13.68 -1.68 4.37	13.57 -1.38 0.88	13.49 -1.41 0.93	12.69 -1.62 4.28	17.07 -1.60 -0.28	14.35 -1.83 5.89	17.40 -2.87 7.83	15.46 -3.06 12.43	17.45 -2.90 9.50	19.03 -3.15 10.28	19.32 -3.10 9.84	19.31 -2.86 8.25	19.42 -3.21 10.43	19.29 -3.59 12.29	20.49 -3.85 13.00	23.01 -4.08 12.87	26.28 -4.31 12.12	27.46 -4.73 12.84	23.67 -3.87 11.55	22.85 -3.31 8.34	22.10 -2.63 6.92	19.17 -1.77 3.63
RAVENSWOOD_GT2_1 24244	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT2_2 24245	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT2_3 24246	34.15 2.24 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.72 3.69 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT2_4 24247	34.15 2.24 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.72 3.69 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.63 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT3_1 24248	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT3_2 24249	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.47 1.81 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT3_3 24250	34.15 2.24 -2.45	32.84 1.54 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.07 1.17 -14.07	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.86 2.74 -3.70	36.06 3.01 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.67 2.66 -5.37	33.92 1.87 -7.48
RAVENSWOOD_GT3_4 24251	34.15 2.24 -2.45	32.84 1.54 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.07 1.17 -14.07	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.48 2.82 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.86 2.74 -3.70	36.06 3.01 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.67 2.66 -5.37	33.92 1.87 -7.48
RAVENSWOOD_GT_1 23729	34.28 2.36 -2.46	32.93 1.62 -10.50	31.48 1.52 -10.23	29.89 1.23 -12.84	31.15 1.23 -14.08	31.12 1.41 -11.12	29.47 1.53 -9.55	31.53 1.88 -7.58	32.97 2.42 -2.46	35.57 2.91 -1.71	35.42 2.78 -2.79	36.30 3.02 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.51 3.34 0.00	40.88 3.55 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.73 3.40 -9.24	42.21 2.93 -4.78	39.77 2.75 -5.37	33.99 1.94 -7.48
RAVENSWOOD_GT_10 24258	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT_11 24259	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT_4 24252	34.19 2.27 -2.46	32.85 1.54 -10.50	31.40 1.44 -10.23	29.83 1.17 -12.83	31.08 1.17 -14.08	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.89 2.33 -2.46	35.48 2.82 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.64 2.63 -5.37	33.92 1.87 -7.48
RAVENSWOOD_GT_5 24254	34.19 2.27 -2.46	32.85 1.54 -10.50	31.40 1.44 -10.23	29.83 1.17 -12.83	31.08 1.17 -14.08	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.89 2.33 -2.46	35.48 2.82 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.64 2.63 -5.37	33.92 1.87 -7.48
RAVENSWOOD_GT_6 24253	34.19 2.27 -2.46	32.85 1.54 -10.50	31.40 1.44 -10.23	29.83 1.17 -12.83	31.08 1.17 -14.08	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.89 2.33 -2.46	35.48 2.82 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.64 2.63 -5.37	33.92 1.87 -7.48

RAVENSWOOD_GT_7 24255	34.19 2.27 -2.46	32.85 1.54 -10.50	31.40 1.44 -10.23	29.83 1.17 -12.83	31.08 1.17 -14.08	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.89 2.33 -2.46	35.48 2.82 -1.71	35.33 2.69 -2.79	36.20 2.92 -0.82	37.13 2.94 -1.94	36.83 2.71 -3.70	36.03 2.97 0.00	38.41 3.24 0.00	40.73 3.40 0.00	43.60 3.64 0.00	46.35 3.63 0.00	48.72 3.69 0.00	51.61 3.28 -9.24	42.10 2.83 -4.78	39.64 2.63 -5.37	33.92 1.87 -7.48
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD_GT_9 24257	34.12 2.21 -2.45	32.82 1.52 -10.49	31.37 1.42 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.55	31.45 1.79 -7.58	32.86 2.30 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	36.00 2.94 0.00	38.37 3.20 0.00	40.69 3.36 0.00	43.52 3.56 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.61 2.59 -5.37	33.89 1.84 -7.48
RAVENSWOOD___1 23533	34.28 2.36 -2.46	32.91 1.60 -10.50	31.46 1.50 -10.23	29.88 1.22 -12.83	31.13 1.22 -14.08	31.12 1.41 -11.12	29.46 1.53 -9.54	31.53 1.88 -7.58	32.94 2.39 -2.46	35.54 2.88 -1.71	35.39 2.74 -2.79	36.26 2.98 -0.82	37.23 3.03 -1.94	36.92 2.80 -3.70	36.09 3.04 0.00	38.52 3.34 0.00	40.84 3.51 0.00	43.72 3.76 0.00	46.48 3.76 0.00	48.85 3.83 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
RAVENSWOOD___2 23534	34.25 2.33 -2.46	32.91 1.60 -10.50	31.46 1.50 -10.23	29.88 1.22 -12.83	31.13 1.22 -14.08	31.10 1.39 -11.12	29.44 1.51 -9.54	31.53 1.88 -7.58	32.94 2.39 -2.46	35.54 2.88 -1.71	35.39 2.74 -2.79	36.26 2.98 -0.82	37.19 3.00 -1.94	36.89 2.77 -3.70	36.06 3.01 0.00	38.48 3.31 0.00	40.84 3.51 0.00	43.68 3.72 0.00	46.43 3.71 0.00	48.81 3.78 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.73 2.72 -5.37	33.97 1.92 -7.48
RAVENSWOOD___3 23535	34.12 2.21 -2.45	32.82 1.52 -10.49	31.38 1.42 -10.22	29.80 1.15 -12.83	31.06 1.15 -14.07	31.06 1.36 -11.12	29.41 1.47 -9.54	31.46 2.33 -7.58	32.89 2.33 -2.46	35.45 2.79 -1.71	35.30 2.66 -2.79	36.17 2.89 -0.82	37.10 2.90 -1.94	36.80 2.68 -3.70	35.96 2.91 0.00	38.37 3.20 0.00	40.70 3.36 0.00	43.56 3.60 0.00	46.31 3.59 0.00	48.67 3.65 0.00	51.57 3.24 -9.24	42.07 2.79 -4.78	39.64 2.62 -5.37	33.89 1.84 -7.48
RAVENSWOOD___4 23820	34.25 2.33 -2.46	32.89 1.58 -10.50	31.46 1.50 -10.22	29.87 1.22 -12.83	31.13 1.22 -14.08	31.10 1.39 -11.12	29.44 1.51 -9.54	31.51 1.85 -7.58	32.94 2.39 -2.46	35.54 2.88 -1.71	35.39 2.74 -2.79	36.26 2.98 -0.82	37.19 3.00 -1.94	36.89 2.77 -3.70	36.06 3.01 0.00	38.48 3.31 0.00	40.81 3.47 0.00	43.68 3.72 0.00	46.43 3.71 0.00	48.81 3.78 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.70 2.69 -5.37	33.97 1.92 -7.48
RCPL_TRUST___DRP 24196	34.27 2.36 -2.45	32.90 1.60 -10.49	31.47 1.52 -10.22	29.87 1.22 -12.83	31.12 1.22 -14.07	31.14 1.43 -11.12	29.51 1.56 -9.55	31.60 1.94 -7.58	33.06 2.50 -2.46	35.66 2.87 -1.71	35.51 2.87 -2.79	36.39 3.12 -0.82	37.32 3.13 -1.94	37.01 2.89 -3.70	36.23 3.17 0.00	38.62 3.45 0.00	40.96 3.62 0.00	43.80 3.84 0.00	46.56 3.84 0.00	48.94 3.92 0.00	51.81 3.48 -9.24	42.28 3.00 -4.77	39.80 2.78 -5.37	34.02 1.97 -7.48
RED___ROCHESTER 323720	25.02 -1.50 2.95	20.63 -1.08 -0.90	19.46 -0.99 -0.71	16.36 -0.79 -1.33	16.46 -0.82 -1.46	18.49 -0.91 -0.81	18.62 -0.85 -1.07	21.42 -0.93 -0.27	26.19 -1.43 0.47	30.13 -1.49 -0.66	28.36 -1.46 0.03	30.55 -1.56 0.35	30.42 -1.55 0.29	28.68 -1.37 0.37	31.07 -1.49 0.50	34.58 -1.65 -1.06	36.22 -1.75 -0.64	38.31 -1.88 -0.23	40.67 -2.05 0.00	42.73 -2.29 0.00	37.88 -1.80 -0.59	33.55 -1.55 -0.60	31.02 -1.30 -0.68	24.58 -0.93 -0.95
REGAN___SOLAR 323812	34.35 1.83 -3.06	35.15 1.25 -13.09	33.67 1.18 -12.75	32.78 0.95 -16.01	34.37 0.98 -17.56	33.60 1.13 -13.88	31.38 1.05 -11.94	32.74 1.19 -9.48	32.30 1.12 -3.08	34.20 1.11 -2.14	34.27 0.93 -3.49	34.46 0.97 -1.02	35.65 0.97 -2.42	35.96 0.91 -4.62	34.24 1.19 0.00	36.72 1.55 0.00	39.02 1.68 0.00	42.04 2.08 0.00	45.20 2.48 0.00	47.86 2.84 0.00	53.27 2.62 -11.56	42.78 2.31 -5.97	40.51 2.15 -6.72	35.50 1.57 -9.36
RENSSELAER___COGEN 23796	33.23 0.97 -2.80	33.50 0.71 -11.98	32.07 0.67 -11.66	31.00 0.54 -14.64	32.43 0.54 -16.07	31.91 0.63 -12.69	29.85 0.55 -10.91	31.40 0.66 -8.66	31.70 0.79 -2.82	33.74 0.84 -1.95	33.88 0.83 -3.19	34.30 0.91 -0.93	35.34 0.87 -2.21	35.50 0.85 -4.23	34.01 0.96 0.00	36.23 1.05 0.00	38.34 1.01 0.00	41.08 1.12 0.00	43.87 1.15 0.00	46.29 1.26 0.00	50.75 1.09 -10.57	41.03 1.07 -5.46	38.79 1.01 -6.14	33.93 0.81 -8.55
REPUBLIC_115KV_BARTNBRK 55605	35.34 3.01 -2.87	35.18 2.06 -12.31	33.66 1.93 -11.99	32.46 1.58 -15.06	33.98 1.63 -16.52	33.51 1.88 -13.05	31.39 1.78 -11.21	33.07 2.10 -8.90	33.27 2.28 -2.90	35.53 2.57 -2.01	35.41 2.27 -3.29	35.73 2.30 -0.96	36.63 2.10 -2.28	36.60 1.83 -4.35	35.17 2.12 0.00	37.63 2.46 0.00	40.21 2.87 0.00	43.36 3.40 0.00	46.91 4.19 0.00	49.71 4.68 0.00	54.23 4.26 -10.89	43.88 3.76 -5.62	41.38 3.42 -6.32	35.86 2.48 -8.81
REVERE_CPPR_DRP 24186	30.35 0.74 -0.15	21.86 0.42 -0.63	20.78 0.43 -0.61	16.94 0.35 -0.77	17.00 0.33 -0.84	19.64 0.39 -0.67	19.28 0.31 -0.57	22.99 0.46 -0.45	28.63 0.39 -0.15	31.58 0.53 -0.10	30.47 0.45 -0.17	33.16 0.65 -0.05	33.02 0.65 -0.12	31.22 0.58 -0.22	33.75 0.69 0.00	35.91 0.74 0.00	38.08 0.75 0.00	40.72 0.76 0.00	43.87 1.15 0.00	46.29 1.26 0.00	41.01 1.37 -0.55	35.89 1.10 -0.29	32.91 0.95 -0.32	25.83 0.81 -0.45
REYNLDDPA_13_KV_LD 356490	29.32 -0.15 0.00	20.64 -0.17 0.00	19.52 -0.22 0.00	15.70 -0.13 0.00	15.73 -0.09 0.00	18.42 -0.17 0.00	18.23 -0.17 0.00	21.77 -0.31 0.00	27.76 -0.34 0.00	30.58 -0.37 0.00	29.52 -0.33 0.00	32.07 -0.39 0.00	31.87 -0.39 0.00	30.00 -0.43 0.00	32.72 -0.33 0.00	34.86 -0.32 0.00	37.19 -0.15 0.00	39.69 -0.28 0.00	42.42 -0.30 0.00	44.62 -0.41 0.00	38.65 -0.43 0.00	34.19 -0.31 0.00	31.20 -0.44 0.00	24.20 -0.37 0.00
REYNOLDS_115KV_TB3 80639	33.41 1.15 -2.80	33.62 0.81 -12.00	32.19 0.77 -11.69	31.11 0.62 -14.67	32.54 0.62 -16.10	32.03 0.72 -12.72	30.02 0.70 -10.92	31.59 0.84 -8.67	31.93 1.01 -2.82	33.96 1.05 -1.96	34.09 1.04 -3.20	34.53 1.14 -0.94	35.61 1.13 -2.22	35.75 1.10 -4.24	34.31 1.26 0.00	36.47 1.30 0.00	38.60 1.27 0.00	41.40 1.44 0.00	44.26 1.54 0.00	46.65 1.62 0.00	51.12 1.45 -10.59	41.32 1.35 -5.47	39.06 1.27 -6.15	34.15 1.01 -8.57

RIVERBAY____ 323610	34.66 2.74 -2.46	33.22 1.91 -10.50	31.78 1.82 -10.23	30.13 1.47 -12.83	31.38 1.47 -14.08	31.36 1.65 -11.12	29.67 1.73 -9.55	31.78 2.12 -7.58	33.25 2.70 -2.46	35.88 3.22 -1.71	35.69 3.04 -2.79	36.59 3.31 -0.82	37.55 3.35 -1.94	37.22 3.10 -3.70	36.46 3.40 0.00	38.87 3.69 0.00	41.25 3.92 0.00	44.16 4.20 0.00	46.91 4.19 0.00	49.30 4.28 0.00	52.08 3.75 -9.24	42.52 3.24 -4.78	40.08 3.07 -5.37	34.24 2.19 -7.48
RIVERSDE_115KV_TB3 55908	33.36 1.09 -2.81	33.60 0.77 -12.02	32.17 0.73 -11.71	31.10 0.59 -14.70	32.54 0.59 -16.12	32.01 0.69 -12.74	29.96 0.63 -10.94	31.51 0.75 -8.69	31.82 0.90 -2.83	33.87 0.96 -1.96	34.01 0.96 -3.20	34.44 1.04 -0.94	35.48 1.00 -2.22	35.64 0.97 -4.24	34.18 1.12 0.00	36.37 1.20 0.00	38.49 1.16 0.00	41.24 1.28 0.00	44.04 1.32 0.00	46.47 1.44 0.00	50.98 1.29 -10.61	41.22 1.24 -5.48	38.94 1.14 -6.16	34.06 0.91 -8.59
ROARING__BROOK_WT_PWR 323790	29.20 -0.27 0.00	20.58 -0.23 0.00	19.48 -0.26 0.00	15.62 -0.21 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.12 -0.28 0.00	21.75 -0.33 0.00	27.67 -0.42 0.00	30.49 -0.46 0.00	29.34 -0.51 0.00	31.84 -0.62 0.00	31.64 -0.61 0.00	29.82 -0.61 0.00	32.39 -0.66 0.00	34.47 -0.70 0.00	36.59 -0.75 0.00	39.12 -0.84 0.00	41.78 -0.94 0.00	43.95 -1.08 0.00	38.11 -0.98 0.00	33.60 -0.90 0.00	30.76 -0.89 0.00	23.85 -0.71 0.00
ROCHESRG_115KV_T4 355643	24.60 -1.77 3.09	20.36 -1.25 -0.80	19.16 -1.14 -0.57	16.15 -0.92 -1.24	16.25 -0.95 -1.37	18.20 -1.06 -0.67	18.42 -1.01 -1.03	21.07 -1.13 -0.12	25.73 -1.71 0.65	29.44 -1.83 -0.32	27.82 -1.76 0.27	29.95 -1.92 0.59	29.86 -1.87 0.53	28.15 -1.70 0.57	30.39 -1.92 0.74	33.03 -2.08 0.07	34.45 -2.20 0.68	36.42 -2.36 1.18	38.82 -2.52 1.38	40.77 -2.79 1.46	36.09 -2.23 0.77	32.12 -1.93 0.45	29.81 -1.61 0.22	23.79 -1.15 -0.37
ROCHESTER_9_IC 23652	25.83 -1.59 2.04	21.00 -1.14 -1.33	19.99 -1.05 -1.30	16.61 -0.84 -1.62	16.74 -0.87 -1.78	19.03 -0.97 -1.41	18.70 -0.90 -1.21	22.04 -0.99 -0.96	26.89 -1.52 -0.32	30.86 -1.61 -1.51	29.06 -1.58 -0.80	31.30 -1.69 -0.53	31.19 -1.65 -0.58	29.41 -1.49 -0.47	31.75 -1.69 -0.38	34.49 -1.79 -1.11	36.06 -1.94 -0.66	38.16 -2.04 -0.24	40.50 -2.22 0.00	42.55 -2.48 0.00	37.72 -1.95 -0.59	33.42 -1.69 -0.61	30.90 -1.42 -0.68	24.51 -1.01 -0.95
ROCKVIEW_13_KV_LD 356306	34.15 2.24 -2.45	32.84 1.54 -10.49	31.39 1.44 -10.22	29.80 1.16 -12.83	31.06 1.16 -14.07	31.08 1.38 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.51 2.85 -1.71	35.39 2.75 -2.79	36.26 2.99 -0.82	37.19 3.00 -1.94	36.92 2.80 -3.70	36.13 3.07 0.00	38.48 3.31 0.00	40.81 3.47 0.00	43.64 3.68 0.00	46.39 3.78 0.00	48.81 3.78 0.00	51.65 3.32 -9.24	42.14 2.86 -4.77	39.67 2.66 -5.37	33.92 1.87 -7.48
ROME____115KV_TB2 80656	30.35 0.74 -0.15	21.86 0.42 -0.63	20.78 0.43 -0.61	16.94 0.35 -0.77	17.00 0.33 -0.84	19.64 0.39 -0.67	19.28 0.31 -0.57	22.99 0.46 -0.45	28.63 0.39 -0.15	31.58 0.53 -0.10	30.47 0.45 -0.17	33.16 0.65 -0.05	33.02 0.65 -0.12	31.22 0.58 -0.22	33.75 0.69 0.00	35.91 0.74 0.00	38.08 0.75 0.00	40.72 0.76 0.00	43.87 1.15 0.00	46.29 1.26 0.00	41.01 1.37 -0.55	35.89 1.10 -0.29	32.91 0.95 -0.32	25.83 0.81 -0.45
ROSETON__1 23587	33.71 1.80 -2.45	32.57 1.25 -10.51	31.14 1.16 -10.24	29.61 0.93 -12.85	30.87 0.93 -14.10	30.84 1.12 -11.14	29.14 1.18 -9.56	31.10 1.43 -7.59	32.42 1.85 -2.47	34.83 2.17 -1.71	34.74 2.09 -2.80	35.58 2.30 -0.82	36.52 2.32 -1.94	36.29 2.16 -3.71	35.40 2.35 0.00	37.74 2.57 0.00	39.99 2.65 0.00	42.80 2.84 0.00	45.58 2.86 0.00	47.95 2.93 0.00	51.01 2.66 -9.26	41.56 2.28 -4.79	39.18 2.15 -5.38	33.59 1.52 -7.50
ROSETON__2 23588	33.71 1.80 -2.45	32.57 1.25 -10.51	31.14 1.16 -10.24	29.61 0.93 -12.85	30.87 0.93 -14.10	30.84 1.12 -11.14	29.14 1.18 -9.56	31.10 1.43 -7.59	32.42 1.85 -2.47	34.83 2.17 -1.71	34.74 2.09 -2.80	35.58 2.30 -0.82	36.52 2.32 -1.94	36.29 2.16 -3.71	35.40 2.35 0.00	37.74 2.57 0.00	39.99 2.65 0.00	42.80 2.84 0.00	45.58 2.86 0.00	47.95 2.93 0.00	51.01 2.66 -9.26	41.56 2.28 -4.79	39.18 2.15 -5.38	33.59 1.52 -7.50
ROTTDRAM_115KV_TB3 80664	33.39 1.03 -2.90	33.96 0.73 -12.42	32.52 0.69 -12.09	31.57 0.57 -15.18	33.05 0.57 -16.66	32.42 0.67 -13.16	30.36 0.66 -11.30	31.84 0.79 -8.97	31.92 0.90 -2.92	33.97 0.99 -2.03	34.09 0.93 -3.31	34.44 1.01 -0.97	35.56 1.00 -2.30	35.75 0.94 -4.39	34.11 1.06 0.00	36.33 1.16 0.00	38.57 1.23 0.00	41.32 1.36 0.00	44.26 1.54 0.00	46.65 1.62 0.00	51.54 1.49 -10.97	41.48 1.31 -5.67	39.25 1.23 -6.37	34.38 0.93 -8.88
RUSSELL__1 23602	25.01 -1.50 2.95	20.63 -1.08 -0.90	19.46 -0.99 -0.71	16.36 -0.79 -1.33	16.46 -0.82 -1.46	18.49 -0.91 -0.81	18.62 -0.85 -1.08	21.42 -0.93 -0.27	26.19 -1.43 0.47	30.13 -1.49 -0.66	28.36 -1.46 0.03	30.55 -1.56 0.35	30.45 -1.52 0.29	28.68 -1.37 0.37	31.00 -1.55 0.50	34.58 -1.65 -1.06	36.22 -1.75 -0.64	38.31 -1.88 -0.23	40.67 -2.05 0.00	42.73 -2.30 0.00	37.87 -1.80 -0.59	33.55 -1.55 -0.60	31.02 -1.30 -0.68	24.58 -0.93 -0.95
RUSSELL__2 23532	25.01 -1.50 2.95	20.63 -1.08 -0.90	19.46 -0.99 -0.71	16.36 -0.79 -1.33	16.46 -0.82 -1.46	18.49 -0.91 -0.81	18.62 -0.85 -1.08	21.42 -0.93 -0.27	26.19 -1.43 0.47	30.13 -1.49 -0.66	28.36 -1.46 0.03	30.55 -1.56 0.35	30.45 -1.52 0.29	28.68 -1.37 0.37	31.00 -1.55 0.50	34.58 -1.65 -1.06	36.22 -1.75 -0.64	38.31 -1.88 -0.23	40.67 -2.05 0.00	42.73 -2.30 0.00	37.87 -1.80 -0.59	33.55 -1.55 -0.60	31.02 -1.30 -0.68	24.58 -0.93 -0.95
RUSSELL__3 23549	25.01 -1.50 2.95	20.63 -1.08 -0.90	19.46 -0.99 -0.71	16.36 -0.79 -1.33	16.46 -0.82 -1.46	18.49 -0.91 -0.81	18.62 -0.85 -1.08	21.42 -0.93 -0.27	26.19 -1.43 0.47	30.13 -1.49 -0.66	28.36 -1.46 0.03	30.55 -1.56 0.35	30.45 -1.52 0.29	28.68 -1.37 0.37	31.00 -1.55 0.50	34.58 -1.65 -1.06	36.22 -1.75 -0.64	38.31 -1.88 -0.23	40.67 -2.05 0.00	42.73 -2.30 0.00	37.87 -1.80 -0.59	33.55 -1.55 -0.60	31.02 -1.30 -0.68	24.58 -0.93 -0.95
RUSSELL__4 23556	25.01 -1.50 2.95	20.63 -1.08 -0.90	19.46 -0.99 -0.71	16.36 -0.79 -1.33	16.46 -0.82 -1.46	18.49 -0.91 -0.81	18.62 -0.85 -1.08	21.42 -0.93 -0.27	26.19 -1.43 0.47	30.13 -1.49 -0.66	28.36 -1.46 0.03	30.55 -1.56 0.35	30.45 -1.52 0.29	28.68 -1.37 0.37	31.00 -1.55 0.50	34.58 -1.65 -1.06	36.22 -1.75 -0.64	38.31 -1.88 -0.23	40.67 -2.05 0.00	42.73 -2.30 0.00	37.87 -1.80 -0.59	33.55 -1.55 -0.60	31.02 -1.30 -0.68	24.58 -0.93 -0.95
RUSSELL__STATION 23914	25.01 -1.50 2.95	20.63 -1.08 -0.90	19.46 -0.99 -0.71	16.36 -0.79 -1.33	16.46 -0.82 -1.46	18.49 -0.91 -0.81	18.62 -0.85 -1.08	21.42 -0.93 -0.27	26.19 -1.43 0.47	30.13 -1.49 -0.66	28.36 -1.46 0.03	30.55 -1.56 0.35	30.45 -1.52 0.29	28.68 -1.37 0.37	31.00 -1.55 0.50	34.58 -1.65 -1.06	36.22 -1.75 -0.64	38.31 -1.88 -0.23	40.67 -2.05 0.00	42.73 -2.30 0.00	37.87 -1.80 -0.59	33.55 -1.55 -0.60	31.02 -1.30 -0.68	24.58 -0.93 -0.95

S SALMON___HYD 24043	29.42 -0.24 -0.20	21.45 -0.21 -0.84	20.38 -0.18 -0.82	16.70 -0.16 -1.03	16.80 -0.16 -1.13	19.31 -0.17 -0.89	18.96 -0.20 -0.77	22.51 -0.18 -0.61	27.90 -0.39 -0.20	30.69 -0.40 -0.14	29.66 -0.42 -0.22	32.10 -0.42 -0.07	31.99 -0.42 -0.16	30.32 -0.40 -0.30	32.62 -0.43 0.00	34.65 -0.53 0.00	36.74 -0.60 0.00	39.36 -0.60 0.00	42.29 -0.43 0.00	44.62 -0.41 0.00	39.71 -0.12 -0.74	34.85 -0.03 -0.38	32.01 -0.06 -0.43	25.19 0.02 -0.60
S.PERRY___115KV_TB1 80734	56.53 -0.82 -27.89	33.61 -0.69 -13.48	37.06 -0.59 -17.92	25.67 -0.52 -10.37	26.55 -0.57 -11.29	36.18 -0.61 -18.21	23.07 -0.61 -5.28	41.61 -0.68 -20.22	48.88 -1.32 -22.11	51.06 -1.52 -21.63	50.92 -1.55 -22.62	54.31 -1.75 -23.60	54.46 -1.77 -23.97	52.81 -1.61 -24.00	55.05 -1.85 -23.85	56.93 -1.72 -23.48	65.32 -1.75 -29.74	71.90 -1.60 -33.54	75.01 -1.50 -33.78	79.23 -1.58 -35.78	74.04 -0.98 -35.93	59.96 -0.86 -26.32	53.64 -0.76 -22.76	39.01 -0.57 -15.01
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.02 -3.09 10.35	16.30 -2.08 2.43	13.72 -1.93 4.08	13.48 -1.57 0.77	13.41 -1.60 0.82	12.77 -1.84 3.98	16.87 -1.82 -0.30	14.46 -2.10 5.52	17.55 -3.17 7.37	15.46 -3.44 12.06	17.53 -3.25 9.07	19.11 -3.54 9.81	19.41 -3.48 9.37	19.43 -3.22 7.77	19.51 -3.60 9.94	19.02 -4.01 12.14	20.29 -4.29 12.75	22.81 -4.60 12.55	26.10 -4.87 11.75	27.27 -5.31 12.44	23.38 -4.42 11.28	22.63 -3.76 8.11	21.91 -3.01 6.73	19.00 -2.04 3.53
SAWYER___23_KV_LOAD 55526	16.02 -3.09 10.35	16.30 -2.08 2.43	13.72 -1.93 4.08	13.48 -1.57 0.77	13.41 -1.60 0.82	12.77 -1.84 3.98	16.87 -1.82 -0.30	14.46 -2.10 5.52	17.55 -3.17 7.37	15.46 -3.44 12.06	17.53 -3.25 9.07	19.11 -3.54 9.81	19.41 -3.48 9.37	19.43 -3.22 7.77	19.51 -3.60 9.94	19.02 -4.01 12.14	20.29 -4.29 12.75	22.81 -4.60 12.55	26.10 -4.87 11.75	27.27 -5.31 12.44	23.38 -4.42 11.28	22.63 -3.76 8.11	21.91 -3.01 6.73	19.00 -2.04 3.53
SELKIRK___I 23801	33.35 1.12 -2.77	33.48 0.81 -11.86	32.06 0.77 -11.55	30.94 0.62 -14.50	32.35 0.62 -15.91	31.88 0.72 -12.57	29.85 0.66 -10.80	31.42 0.77 -8.57	31.78 0.90 -2.79	33.88 0.99 -1.93	33.97 0.95 -3.16	34.42 1.04 -0.93	35.45 1.00 -2.19	35.58 0.97 -4.18	34.18 1.12 0.00	36.40 1.23 0.00	38.60 1.27 0.00	41.36 1.40 0.00	44.21 1.49 0.00	46.65 1.62 0.00	50.99 1.45 -10.46	41.21 1.31 -5.40	38.95 1.23 -6.08	33.99 0.96 -8.47
SELKIRK___II 23799	33.22 0.97 -2.78	33.41 0.69 -11.92	31.99 0.65 -11.61	30.91 0.52 -14.57	32.33 0.52 -15.98	31.83 0.61 -12.63	29.82 0.57 -10.85	31.38 0.69 -8.62	31.71 0.82 -2.80	33.79 0.90 -1.94	33.89 0.87 -3.17	34.33 0.94 -0.93	35.40 0.94 -2.20	35.54 0.91 -4.20	34.08 1.03 0.00	36.26 1.09 0.00	38.42 1.08 0.00	41.16 1.20 0.00	43.96 1.24 0.00	46.38 1.35 0.00	50.81 1.21 -10.51	41.03 1.10 -5.43	38.79 1.04 -6.11	33.89 0.81 -8.51
SENECA OSWGO___HYD 24041	29.06 -0.62 -0.21	21.31 -0.42 -0.92	20.26 -0.38 -0.89	16.63 -0.32 -1.12	16.74 -0.32 -1.23	19.21 -0.35 -0.97	18.86 -0.37 -0.84	22.34 -0.40 -0.66	27.72 -0.59 -0.22	30.45 -0.65 -0.15	29.47 -0.63 -0.24	31.85 -0.68 -0.07	31.75 -0.68 -0.17	30.14 -0.61 -0.32	32.33 -0.73 0.00	34.33 -0.84 0.00	36.48 -0.86 0.00	39.05 -0.92 0.00	41.74 -0.98 0.00	44.04 -0.99 0.00	39.19 -0.70 -0.81	34.30 -0.62 -0.42	31.58 -0.54 -0.47	24.86 -0.37 -0.66
SENECA___115KV_TB3 355854	16.01 -2.65 10.81	16.38 -1.81 2.63	13.70 -1.66 4.37	13.58 -1.36 0.88	13.49 -1.41 0.93	12.71 -1.60 4.28	17.07 -1.60 -0.28	14.37 -1.81 5.89	17.43 -2.84 7.83	15.49 -3.03 12.43	17.48 -2.87 9.50	19.03 -3.15 10.28	19.32 -3.10 9.84	19.34 -2.83 8.25	19.48 -3.14 10.43	19.32 -3.55 12.30	20.52 -3.81 13.00	23.01 -4.08 12.88	26.32 -4.27 12.12	27.50 -4.68 12.84	23.67 -3.87 11.55	22.85 -3.31 8.34	22.13 -2.59 6.92	19.17 -1.77 3.63
SENECA___ENERGY 23797	39.27 -0.47 -10.28	22.78 -0.33 -2.30	22.03 -0.30 -2.59	17.92 -0.27 -2.37	18.15 -0.27 -2.59	21.03 -0.28 -2.73	19.70 -0.28 -1.58	24.22 -0.29 -2.43	29.46 -0.56 -1.93	32.17 -0.62 -1.84	31.27 -0.60 -2.02	33.65 -0.65 -1.84	33.62 -0.64 -2.01	32.06 -0.58 -2.22	34.18 -0.63 -1.76	36.11 -0.74 -1.67	38.68 -0.75 -2.09	41.62 -0.68 -2.34	44.34 -0.73 -2.35	46.75 -0.77 -2.49	43.85 -0.43 -5.20	36.55 -0.38 -2.43	33.58 -0.32 -2.26	26.36 -0.20 -1.99
SHOEMAKER___GT 23640	33.50 1.71 -2.33	31.96 1.16 -9.98	30.56 1.10 -9.72	28.91 0.89 -12.21	30.11 0.89 -13.39	30.21 1.04 -10.58	28.56 1.08 -9.08	30.61 1.32 -7.21	32.12 1.69 -2.34	34.56 1.98 -1.62	34.42 1.91 -2.66	35.32 2.08 -0.78	36.20 2.10 -1.84	35.89 1.95 -3.52	35.20 2.15 0.00	37.49 2.32 0.00	39.76 2.43 0.00	42.56 2.60 0.00	45.41 2.69 0.00	47.77 2.75 0.00	50.42 2.54 -8.80	41.18 2.14 -4.54	38.81 2.06 -5.11	33.11 1.42 -7.12
SHOEMAKR_138KV_BK 111 55601	33.49 1.71 -2.32	31.92 1.17 -9.95	30.53 1.11 -9.69	28.87 0.89 -12.16	30.06 0.89 -13.34	30.17 1.04 -10.54	28.55 1.10 -9.05	30.59 1.32 -7.19	32.14 1.71 -2.34	34.58 2.01 -1.62	34.44 1.94 -2.65	35.34 2.11 -0.78	36.22 2.13 -1.84	35.91 1.98 -3.51	35.24 2.18 0.00	37.53 2.36 0.00	39.80 2.46 0.00	42.60 2.64 0.00	45.41 2.69 0.00	47.77 2.75 0.00	50.39 2.54 -8.76	41.20 2.17 -4.53	38.79 2.06 -5.09	33.09 1.42 -7.09
SHOREHAM_IC_1 23715	35.31 3.39 -2.46	33.51 2.20 -10.49	31.95 1.99 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.49 1.78 -11.12	29.94 2.01 -9.54	32.04 2.38 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.75 3.37 -10.53	43.99 3.63 -7.90	44.02 3.52 -8.24	46.11 3.26 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.53 4.18 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.24 3.91 -9.24	48.61 3.59 -10.53	40.63 3.61 -5.38	34.48 2.43 -7.48
SHOREHAM_IC_2 23716	35.31 3.39 -2.46	33.51 2.20 -10.49	31.95 1.99 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.49 1.78 -11.12	29.94 2.01 -9.54	32.04 2.38 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.75 3.37 -10.53	43.99 3.63 -7.90	44.02 3.52 -8.24	46.11 3.26 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.53 4.18 -8.02	49.80 4.71 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.24 3.91 -9.24	48.61 3.59 -10.53	40.63 3.61 -5.38	34.48 2.43 -7.48
SISSONVILLE____ 23735	29.15 -0.35 -0.04	20.62 -0.37 -0.18	19.52 -0.39 -0.18	15.78 -0.27 -0.22	15.82 -0.25 -0.24	18.44 -0.33 -0.19	18.21 -0.35 -0.17	21.63 -0.57 -0.13	27.41 -0.73 -0.04	30.18 -0.80 -0.03	29.09 -0.81 -0.05	31.56 -0.91 -0.01	31.32 -0.97 -0.03	29.51 -0.97 -0.06	32.16 -0.89 0.00	34.33 -0.84 0.00	36.70 -0.63 0.00	39.20 -0.76 0.00	42.16 -0.56 0.00	44.40 -0.63 0.00	38.70 -0.55 -0.16	34.06 -0.52 -0.08	31.07 -0.66 -0.09	24.18 -0.52 -0.13
SITHE_IND_GS1 24169	28.84 -0.79 -0.17	20.99 -0.54 -0.72	19.93 -0.51 -0.70	16.29 -0.41 -0.88	16.38 -0.41 -0.97	18.89 -0.46 -0.76	18.57 -0.48 -0.66	22.07 -0.53 -0.52	27.51 -0.76 -0.17	30.20 -0.87 -0.12	29.21 -0.84 -0.19	31.61 -0.91 -0.06	31.49 -0.90 -0.13	29.86 -0.82 -0.25	32.09 -0.96 0.00	34.12 -1.05 0.00	36.22 -1.12 0.00	38.77 -1.20 0.00	41.44 -1.28 0.00	43.72 -1.31 0.00	38.70 -1.02 -0.64	33.93 -0.90 -0.33	31.22 -0.79 -0.37	24.54 -0.54 -0.51

SITHE_IND_GS2 24170	28.84 -0.79 -0.17	20.99 -0.54 -0.72	19.93 -0.51 -0.70	16.29 -0.41 -0.88	16.38 -0.41 -0.97	18.89 -0.46 -0.76	18.57 -0.48 -0.66	22.07 -0.53 -0.52	27.51 -0.76 -0.17	30.20 -0.87 -0.12	29.21 -0.84 -0.19	31.61 -0.91 -0.06	31.49 -0.90 -0.13	29.86 -0.82 -0.25	32.09 -0.96 0.00	34.12 -1.05 0.00	36.22 -1.12 0.00	38.77 -1.20 0.00	41.44 -1.28 0.00	43.72 -1.31 0.00	38.70 -1.02 -0.64	33.93 -0.90 -0.33	31.22 -0.79 -0.37	24.54 -0.54 -0.51
SITHE_IND_GS3 24171	28.84 -0.79 -0.17	20.99 -0.54 -0.72	19.93 -0.51 -0.70	16.29 -0.41 -0.88	16.38 -0.41 -0.97	18.89 -0.46 -0.76	18.57 -0.48 -0.66	22.07 -0.53 -0.52	27.51 -0.76 -0.17	30.20 -0.87 -0.12	29.21 -0.84 -0.19	31.61 -0.91 -0.06	31.49 -0.90 -0.13	29.86 -0.82 -0.25	32.09 -0.96 0.00	34.12 -1.05 0.00	36.22 -1.12 0.00	38.77 -1.20 0.00	41.44 -1.28 0.00	43.72 -1.31 0.00	38.70 -1.02 -0.64	33.93 -0.90 -0.33	31.22 -0.79 -0.37	24.54 -0.54 -0.51
SITHE_IND_GS4 24172	28.84 -0.79 -0.17	20.99 -0.54 -0.72	19.93 -0.51 -0.70	16.29 -0.41 -0.88	16.38 -0.41 -0.97	18.89 -0.46 -0.76	18.57 -0.48 -0.66	22.07 -0.53 -0.52	27.51 -0.76 -0.17	30.20 -0.87 -0.12	29.21 -0.84 -0.19	31.61 -0.91 -0.06	31.49 -0.90 -0.13	29.86 -0.82 -0.25	32.09 -0.96 0.00	34.12 -1.05 0.00	36.22 -1.12 0.00	38.77 -1.20 0.00	41.44 -1.28 0.00	43.72 -1.31 0.00	38.70 -1.02 -0.64	33.93 -0.90 -0.33	31.22 -0.79 -0.37	24.54 -0.54 -0.51
SITHE___BATAVIA 24024	20.57 -2.27 6.63	18.47 -1.58 0.76	16.63 -1.44 1.67	14.95 -1.15 -0.28	14.95 -1.20 -0.33	15.67 -1.34 1.58	17.63 -1.45 -0.69	18.02 -1.43 2.62	21.89 -2.30 3.90	4.80 -2.54 23.62	16.76 -2.48 10.62	18.92 -2.66 10.88	20.17 -2.68 9.42	23.94 -2.43 4.05	19.94 -2.65 10.47	11.07 -2.92 21.18	18.58 -3.10 15.66	26.77 -3.28 9.92	32.76 -3.50 6.46	34.32 -3.87 6.84	30.05 -3.13 5.91	27.71 -2.62 4.16	26.21 -2.06 3.38	21.63 -1.43 1.52
SITHE___INDEPEND 23800	28.84 -0.80 -0.17	20.99 -0.54 -0.72	19.93 -0.51 -0.70	16.29 -0.41 -0.88	16.38 -0.41 -0.97	18.89 -0.46 -0.76	18.59 -0.46 -0.66	22.07 -0.53 -0.52	27.50 -0.76 -0.17	30.20 -0.87 -0.12	29.21 -0.84 -0.19	31.61 -0.91 -0.06	31.49 -0.90 -0.13	29.86 -0.82 -0.25	32.06 -0.99 0.00	34.12 -1.06 0.00	36.21 -1.12 0.00	38.76 -1.20 0.00	41.44 -1.28 0.00	43.72 -1.31 0.00	38.70 -1.02 -0.64	33.93 -0.90 -0.33	31.22 -0.79 -0.37	24.52 -0.57 -0.51
SITHE___MASSENA 23902	29.32 -0.15 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.68 -0.14 0.00	15.72 -0.11 0.00	18.42 -0.17 0.00	18.21 -0.18 0.00	21.75 -0.33 0.00	27.70 -0.39 0.00	30.52 -0.43 0.00	29.43 -0.42 0.00	32.01 -0.45 0.00	31.78 -0.48 0.00	29.91 -0.52 0.00	32.62 -0.43 0.00	34.79 -0.39 0.00	37.11 -0.22 0.00	39.64 -0.32 0.00	42.42 -0.30 0.00	44.66 -0.36 0.00	38.69 -0.39 0.00	34.19 -0.31 0.00	31.20 -0.44 0.00	24.20 -0.37 0.00
SITHE___OGDNSBRG 24021	29.46 0.00 0.00	20.69 -0.12 0.00	19.56 -0.18 0.00	15.74 -0.08 0.00	15.77 -0.06 0.00	18.48 -0.11 0.00	18.25 -0.15 0.00	21.72 -0.35 0.00	27.59 -0.51 0.00	30.30 -0.65 0.00	29.19 -0.66 0.00	31.65 -0.81 0.00	31.42 -0.84 0.00	29.57 -0.85 0.00	32.36 -0.69 0.00	34.61 -0.56 0.00	37.07 -0.26 0.00	39.64 -0.32 0.00	42.63 -0.09 0.00	44.98 -0.05 0.00	39.04 -0.04 0.00	34.46 -0.03 0.00	31.39 -0.25 0.00	24.37 -0.20 0.00
SITHE___STERLING 23777	30.18 0.56 -0.16	21.85 0.33 -0.70	20.78 0.36 -0.68	16.97 0.29 -0.86	17.04 0.27 -0.94	19.65 0.32 -0.74	19.31 0.28 -0.64	22.98 0.40 -0.51	28.60 0.34 -0.17	31.50 0.43 -0.11	30.42 0.39 -0.19	33.03 0.52 -0.05	32.90 0.51 -0.13	31.16 0.49 -0.25	33.65 0.60 0.00	35.77 0.60 0.00	37.93 0.60 0.00	40.60 0.64 0.00	43.62 0.90 0.00	45.97 0.95 0.00	40.72 1.01 -0.62	35.68 0.86 -0.32	32.73 0.73 -0.36	25.71 0.64 -0.50
SLEIGHT__34_KV_TB1 80719	25.99 -1.24 2.23	21.23 -0.89 -1.31	20.20 -0.81 -1.28	16.76 -0.66 -1.60	16.91 -0.68 -1.76	19.23 -0.74 -1.39	18.89 -0.70 -1.19	22.25 -0.77 -0.95	27.22 -1.18 -0.31	30.55 -1.24 -0.84	29.19 -1.22 -0.56	31.47 -1.30 -0.31	31.37 -1.29 -0.40	29.73 -1.16 -0.46	31.88 -1.36 -0.18	34.26 -1.44 -0.53	36.16 -1.49 -0.32	38.52 -1.56 -0.11	41.01 -1.71 0.00	43.18 -1.85 0.00	38.28 -1.41 -0.61	33.85 -1.24 -0.60	31.27 -1.04 -0.67	24.74 -0.76 -0.94
SOUTH CAIRO___GT 23612	33.69 1.50 -2.72	33.48 1.02 -11.65	32.07 0.99 -11.35	30.84 0.78 -14.25	32.23 0.78 -15.63	31.83 0.89 -12.35	29.79 0.79 -10.61	31.36 0.86 -8.42	31.90 1.07 -2.74	33.87 1.02 -1.90	33.88 0.93 -3.10	34.34 0.97 -0.91	35.38 0.97 -2.15	35.42 0.88 -4.11	34.34 1.29 0.00	36.61 1.44 0.00	38.86 1.53 0.00	41.84 1.88 0.00	44.94 2.22 0.00	47.50 2.48 0.00	51.51 2.15 -10.28	41.60 1.79 -5.31	39.35 1.74 -5.97	34.14 1.25 -8.32
SOUTH HAMPTN___IC 23720	35.39 3.47 -2.46	33.59 2.29 -10.49	32.01 2.05 -10.22	30.20 1.55 -12.83	31.58 1.68 -14.07	31.53 1.82 -11.12	29.98 2.04 -9.54	32.06 2.41 -7.58	33.70 3.15 -2.46	36.50 3.84 -1.71	43.81 3.43 -10.53	44.06 3.70 -7.90	44.08 3.58 -8.24	46.17 3.32 -12.43	48.56 3.64 -11.87	48.67 4.04 -9.45	49.68 4.33 -8.02	49.84 4.75 -5.12	50.13 4.87 -2.54	50.17 5.00 -0.15	52.24 3.91 -9.24	48.58 3.55 -10.53	40.50 3.48 -5.38	34.36 2.31 -7.48
SOUTHDOW__115KV_TB1 355954	17.59 -2.12 9.75	17.20 -1.48 2.13	14.66 -1.34 3.74	14.17 -1.17 0.48	14.08 -1.25 0.50	13.50 -1.47 3.62	17.51 -1.38 -0.49	15.19 -1.70 5.19	18.37 -2.64 7.08	16.83 -2.69 11.43	18.63 -2.57 8.65	20.23 -2.82 9.41	20.54 -2.74 8.97	20.46 -2.53 7.44	20.62 -2.88 9.56	23.13 -3.31 8.73	25.01 -3.55 8.78	27.93 -3.72 8.32	31.33 -3.76 7.63	32.85 -4.10 8.08	29.05 -3.32 6.71	26.67 -2.93 4.89	25.35 -2.34 3.95	21.30 -1.55 1.72
SOUTHOLD_69_KV_BK 2 55809	35.45 3.54 -2.45	33.65 2.35 -10.49	32.07 2.11 -10.22	30.25 1.60 -12.83	31.63 1.73 -14.07	31.56 1.86 -11.12	30.00 2.06 -9.55	32.09 2.43 -7.58	33.70 3.15 -2.46	36.50 3.84 -1.71	43.84 3.46 -10.53	44.03 3.67 -7.90	44.05 3.55 -8.24	46.14 3.29 -12.43	48.60 3.67 -11.87	48.70 4.08 -9.45	49.76 4.41 -8.02	49.80 4.72 -5.12	50.04 4.78 -2.54	49.99 4.82 -0.15	52.04 3.71 -9.24	48.34 3.31 -10.53	40.24 3.23 -5.37	34.16 2.11 -7.48
SOUTHOLD___IC 23719	35.45 3.53 -2.46	33.65 2.35 -10.49	32.07 2.11 -10.22	30.25 1.60 -12.83	31.63 1.73 -14.07	31.56 1.86 -11.12	30.00 2.06 -9.54	32.08 2.43 -7.58	33.70 3.15 -2.46	36.50 3.84 -1.71	43.84 3.46 -10.53	44.02 3.67 -7.90	44.05 3.55 -8.24	46.14 3.29 -12.43	48.56 3.64 -11.87	48.70 4.08 -9.45	49.75 4.40 -8.02	49.80 4.71 -5.12	50.04 4.78 -2.54	49.99 4.82 -0.15	52.04 3.71 -9.24	48.34 3.31 -10.53	40.25 3.23 -5.38	34.16 2.11 -7.48
SOUTH_FORK_WT_PWR 323839	35.37 3.45 -2.46	33.61 2.31 -10.49	32.03 2.07 -10.22	30.22 1.57 -12.83	31.60 1.69 -14.07	31.51 1.80 -11.12	29.92 1.99 -9.54	31.99 2.34 -7.58	33.57 3.01 -2.46	36.31 3.65 -1.71	43.63 3.25 -10.53	43.80 3.44 -7.90	43.83 3.32 -8.24	45.92 3.07 -12.43	48.37 3.44 -11.87	48.49 3.87 -9.45	49.53 4.18 -8.02	49.44 4.36 -5.12	49.66 4.40 -2.54	49.54 4.37 -0.15	51.61 3.28 -9.24	47.92 2.90 -10.53	39.87 2.85 -5.38	33.84 1.79 -7.48

SPIERFLS_115KV_TB 1 80737	34.17 1.83 -2.88	34.39 1.25 -12.33	32.93 1.18 -12.00	31.86 0.97 -15.07	33.34 0.98 -16.53	32.78 1.13 -13.06	30.70 1.09 -11.22	32.31 1.32 -8.91	32.49 1.49 -2.90	34.61 1.64 -2.01	34.51 1.37 -3.29	34.85 1.43 -0.96	35.86 1.32 -2.28	35.85 1.06 -4.36	34.31 1.26 0.00	36.61 1.44 0.00	39.09 1.75 0.00	42.00 2.04 0.00	45.33 2.61 0.00	47.91 2.88 0.00	52.60 2.62 -10.90	42.44 2.31 -5.63	40.09 2.12 -6.33	34.94 1.55 -8.82
ST LAWRENCE____ 23600	29.08 -0.38 0.00	20.50 -0.31 0.00	19.40 -0.34 0.00	15.57 -0.25 0.00	15.61 -0.22 0.00	18.29 -0.30 0.00	18.10 -0.30 0.00	21.63 -0.44 0.00	27.59 -0.50 0.00	30.40 -0.56 0.00	29.31 -0.54 0.00	31.88 -0.58 0.00	31.64 -0.61 0.00	29.82 -0.61 0.00	32.46 -0.59 0.00	34.57 -0.60 0.00	36.85 -0.49 0.00	39.36 -0.60 0.00	42.12 -0.60 0.00	44.30 -0.72 0.00	38.42 -0.66 0.00	33.91 -0.59 0.00	30.98 -0.67 0.00	24.00 -0.56 0.00
STATE_CA_115KV_115_LB 55624	33.40 1.12 -2.82	33.66 0.77 -12.08	32.25 0.75 -11.77	31.20 0.60 -14.77	32.64 0.60 -16.21	32.10 0.71 -12.80	30.00 0.61 -11.00	31.56 0.75 -8.73	31.81 0.87 -2.84	33.88 0.96 -1.97	34.03 0.96 -3.22	34.44 1.04 -0.94	35.49 1.00 -2.23	35.66 0.97 -4.27	34.18 1.12 0.00	36.37 1.20 0.00	38.49 1.16 0.00	41.24 1.28 0.00	44.04 1.32 0.00	46.47 1.44 0.00	51.00 1.25 -10.66	41.25 1.24 -5.51	38.98 1.14 -6.19	34.08 0.88 -8.63
STATE_ST_34_KV_LOAD 55959	33.82 -0.12 -4.48	22.64 -0.08 -1.92	21.74 -0.06 -2.06	17.85 -0.06 -2.10	18.04 -0.08 -2.30	20.72 -0.06 -2.19	19.80 -0.06 -1.46	23.86 -0.02 -1.81	29.14 -0.17 -1.21	31.89 -0.19 -1.12	30.93 -0.21 -1.29	33.30 -0.23 -1.07	33.29 -0.19 -1.23	31.72 -0.15 -1.45	33.79 -0.23 -0.97	34.93 -0.25 0.00	37.15 -0.19 0.00	39.84 -0.12 0.00	42.59 -0.13 0.00	44.89 -0.14 0.00	41.07 0.12 -1.87	35.23 0.07 -0.66	32.48 0.09 -0.74	25.70 0.10 -1.03
STATION 5_MISC_HYD 23604	25.83 -1.59 2.04	21.00 -1.14 -1.33	19.99 -1.05 -1.30	16.61 -0.84 -1.62	16.74 -0.87 -1.78	19.03 -0.97 -1.41	18.70 -0.90 -1.21	22.04 -0.99 -0.96	26.89 -1.52 -0.32	30.86 -1.61 -1.51	29.06 -1.58 -0.80	31.30 -1.69 -0.53	31.16 -1.68 -0.58	29.41 -1.49 -0.47	31.79 -1.65 -0.38	34.49 -1.79 -1.11	36.06 -1.94 -0.66	38.16 -2.04 -0.24	40.50 -2.22 0.00	42.55 -2.48 0.00	37.72 -1.95 -0.59	33.42 -1.69 -0.61	30.90 -1.42 -0.68	24.51 -1.01 -0.95
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.11 -1.03 5.32	21.38 -0.77 -1.34	20.35 -0.69 -1.31	16.89 -0.57 -1.64	17.04 -0.59 -1.80	19.38 -0.63 -1.42	19.03 -0.59 -1.22	22.41 -0.64 -0.97	27.40 -1.01 -0.32	30.78 -1.08 -0.91	29.37 -1.07 -0.59	31.65 -1.14 -0.33	31.56 -1.13 -0.43	29.89 -1.00 -0.47	32.10 -1.16 -0.20	34.53 -1.23 -0.59	36.38 -1.31 -0.35	38.77 -1.32 -0.12	41.27 -1.45 0.00	43.41 -1.62 0.00	38.01 -1.17 -0.10	34.07 -1.03 -0.61	31.44 -0.89 -0.69	24.91 -0.61 -0.96
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.19 -1.71 2.56	20.92 -1.21 -1.31	19.91 -1.11 -1.28	16.53 -0.90 -1.61	16.67 -0.92 -1.76	18.96 -1.02 -1.39	18.63 -0.96 -1.20	21.94 -1.08 -0.95	26.80 -1.60 -0.31	30.61 -1.70 -1.36	28.92 -1.67 -0.74	31.15 -1.79 -0.48	31.02 -1.77 -0.54	29.28 -1.61 -0.47	31.61 -1.78 -0.34	34.22 -1.93 -0.98	35.87 -2.05 -0.59	37.97 -2.20 -0.21	40.37 -2.35 0.00	42.42 -2.61 0.00	37.50 -2.07 -0.49	33.27 -1.83 -0.60	30.77 -1.55 -0.67	24.40 -1.11 -0.94
STA_56____34_KV_BUS2 355983	25.19 -1.71 2.56	20.92 -1.21 -1.31	19.91 -1.11 -1.28	16.53 -0.90 -1.61	16.67 -0.92 -1.76	18.96 -1.02 -1.39	18.63 -0.96 -1.20	21.94 -1.08 -0.95	26.80 -1.60 -0.31	30.61 -1.70 -1.36	28.92 -1.67 -0.74	31.15 -1.79 -0.48	31.02 -1.77 -0.54	29.28 -1.61 -0.47	31.61 -1.78 -0.34	34.22 -1.93 -0.98	35.87 -2.05 -0.59	37.97 -2.20 -0.21	40.37 -2.35 0.00	42.42 -2.61 0.00	37.50 -2.07 -0.49	33.27 -1.83 -0.60	30.77 -1.55 -0.67	24.40 -1.11 -0.94
STA_67____115KV_BK2 355882	25.79 -1.62 2.05	20.98 -1.17 -1.33	19.97 -1.07 -1.30	16.59 -0.85 -1.63	16.73 -0.89 -1.78	19.01 -0.99 -1.41	18.68 -0.92 -1.21	22.02 -1.02 -0.96	26.86 -1.55 -0.32	30.81 -1.67 -1.53	29.04 -1.61 -0.80	31.27 -1.72 -0.53	31.13 -1.71 -0.59	29.34 -1.55 -0.47	31.69 -1.75 -0.39	34.43 -1.86 -1.12	36.03 -1.98 -0.67	38.08 -2.12 -0.24	40.41 -2.31 0.00	42.51 -2.52 0.00	37.68 -1.99 -0.59	33.35 -1.76 -0.61	30.87 -1.46 -0.68	24.49 -1.03 -0.95
STA_7____115KV_9TRANS 80674	25.01 -1.50 2.95	20.63 -1.08 -0.90	19.46 -0.99 -0.71	16.36 -0.79 -1.33	16.46 -0.82 -1.46	18.49 -0.91 -0.81	18.62 -0.85 -1.08	21.42 -0.93 -0.27	26.19 -1.43 0.47	30.13 -1.49 -0.66	28.36 -1.46 0.03	30.55 -1.56 0.35	30.45 -1.52 0.29	28.68 -1.37 0.37	31.00 -1.55 0.50	34.58 -1.65 -1.06	36.22 -1.75 -0.64	38.31 -1.88 -0.23	40.67 -2.05 0.00	42.73 -2.30 0.00	37.87 -1.80 -0.59	33.55 -1.55 -0.60	31.02 -1.30 -0.68	24.58 -0.93 -0.95
STA_82____115KV_TB1 80780	25.73 -1.68 2.05	20.96 -1.19 -1.33	19.95 -1.09 -1.30	16.58 -0.87 -1.63	16.71 -0.90 -1.79	18.99 -1.00 -1.41	18.65 -0.96 -1.21	21.98 -1.06 -0.96	26.81 -1.60 -0.32	30.79 -1.70 -1.54	28.99 -1.67 -0.81	31.21 -1.79 -0.54	31.07 -1.77 -0.59	29.28 -1.61 -0.47	31.63 -1.82 -0.39	34.37 -1.93 -1.13	35.96 -2.05 -0.68	38.01 -2.20 -0.24	40.37 -2.35 0.00	42.42 -2.61 0.00	37.60 -2.07 -0.59	33.31 -1.79 -0.61	30.81 -1.52 -0.68	24.44 -1.08 -0.95
STEEL____WIND 323596	15.98 -2.68 10.81	16.35 -1.83 2.63	13.68 -1.68 4.37	13.57 -1.38 0.88	13.49 -1.41 0.93	12.69 -1.62 4.28	17.07 -1.60 -0.28	14.35 -1.83 5.89	17.40 -2.87 7.83	15.46 -3.06 12.43	17.45 -2.90 9.50	19.03 -3.15 10.28	19.29 -3.13 9.84	19.31 -2.86 8.25	19.45 -3.17 10.43	19.29 -3.59 12.30	20.49 -3.84 13.00	22.97 -4.12 12.88	26.28 -4.31 12.12	27.46 -4.73 12.84	23.67 -3.87 11.55	22.81 -3.35 8.34	22.10 -2.63 6.92	19.14 -1.79 3.63
STEPHTWN_115KV_BK_2 55603	33.50 1.24 -2.80	33.66 0.87 -11.98	32.23 0.83 -11.66	31.13 0.66 -14.64	32.56 0.66 -16.07	32.06 0.78 -12.69	29.99 0.70 -10.90	31.59 0.86 -8.66	31.92 1.01 -2.82	34.02 1.11 -1.95	34.15 1.10 -3.19	34.56 1.17 -0.93	35.63 1.16 -2.21	35.75 1.10 -4.23	34.34 1.29 0.00	36.54 1.37 0.00	38.68 1.34 0.00	41.48 1.52 0.00	44.26 1.54 0.00	46.74 1.71 0.00	51.14 1.49 -10.57	41.37 1.41 -5.46	39.11 1.33 -6.14	34.15 1.03 -8.55
STEBEN_REC_LFGE 323667	54.19 -1.09 -25.81	31.67 -0.87 -11.73	34.15 -0.85 -15.26	24.50 -0.78 -9.45	25.22 -0.90 -10.30	33.16 -1.00 -15.58	22.31 -1.16 -5.08	37.45 -1.50 -16.87	43.60 -2.42 -17.93	44.98 -2.69 -16.72	45.33 -2.63 -18.11	48.20 -2.99 -18.73	48.50 -2.94 -19.18	47.39 -2.59 -19.55	49.00 -2.94 -18.88	46.89 -2.85 -14.56	53.45 -2.95 -19.06	58.92 -2.96 -21.92	61.92 -3.08 -22.28	65.38 -3.24 -23.59	62.09 -2.42 -25.42	50.28 -2.10 -17.88	45.35 -1.90 -15.60	33.87 -1.42 -10.73
STILLWATER____SOLAR 323814	33.92 1.59 -2.87	34.21 1.12 -12.28	32.76 1.07 -11.96	31.69 0.85 -15.01	33.16 0.85 -16.47	32.60 1.00 -13.01	30.56 0.96 -11.21	32.12 1.15 -8.90	32.31 1.32 -2.89	34.38 1.42 -2.01	34.44 1.31 -3.28	34.81 1.39 -0.96	35.89 1.35 -2.27	35.98 1.22 -4.34	34.44 1.39 0.00	36.76 1.58 0.00	39.05 1.72 0.00	41.88 1.92 0.00	44.94 2.22 0.00	47.46 2.43 0.00	52.17 2.23 -10.86	42.07 1.97 -5.61	39.79 1.83 -6.31	34.71 1.35 -8.79

STONY___BROOK 24151	35.16 3.24 -2.46	33.43 2.12 -10.49	31.85 1.89 -10.22	30.09 1.44 -12.83	31.45 1.55 -14.07	31.40 1.69 -11.12	29.87 1.93 -9.54	31.95 2.30 -7.58	33.59 3.04 -2.46	36.37 3.71 -1.71	43.81 3.43 -10.53	44.06 3.70 -7.90	44.18 3.68 -8.24	46.26 3.41 -12.43	48.63 3.70 -11.87	48.67 4.04 -9.45	49.64 4.29 -8.02	49.80 4.71 -5.12	50.08 4.83 -2.54	50.12 4.95 -0.15	52.39 4.06 -9.24	48.75 3.73 -10.53	40.66 3.64 -5.38	34.53 2.48 -7.48
STURGEON_POOL_HYD 23609	33.71 1.77 -2.48	32.66 1.21 -10.64	31.24 1.14 -10.36	29.75 0.92 -13.01	31.00 0.90 -14.27	30.94 1.08 -11.27	29.24 1.16 -9.68	31.16 1.39 -7.69	32.42 1.83 -2.50	34.82 2.14 -1.73	34.71 2.03 -2.83	35.53 2.24 -0.83	36.48 2.26 -1.96	36.27 2.10 -3.75	35.47 2.41 0.00	37.77 2.60 0.00	40.06 2.73 0.00	42.88 2.92 0.00	45.75 3.03 0.00	48.18 3.15 0.00	51.23 2.77 -9.38	41.65 2.31 -4.84	39.27 2.18 -5.45	33.68 1.52 -7.59
ST_LAW_115_BK7_LBMP 345037	29.05 -0.41 0.00	20.48 -0.33 0.00	19.38 -0.35 0.00	15.57 -0.25 0.00	15.59 -0.24 0.00	18.27 -0.32 0.00	18.08 -0.31 0.00	21.61 -0.46 0.00	27.56 -0.53 0.00	30.36 -0.59 0.00	29.28 -0.57 0.00	31.81 -0.65 0.00	31.61 -0.64 0.00	29.75 -0.67 0.00	32.43 -0.63 0.00	34.54 -0.63 0.00	36.81 -0.52 0.00	39.32 -0.64 0.00	42.08 -0.64 0.00	44.30 -0.72 0.00	38.38 -0.70 0.00	33.88 -0.62 0.00	30.95 -0.70 0.00	23.98 -0.59 0.00
ST_LAW_115_BK8_LBMP 345038	29.05 -0.41 0.00	20.48 -0.33 0.00	19.38 -0.35 0.00	15.57 -0.25 0.00	15.59 -0.24 0.00	18.27 -0.32 0.00	18.08 -0.31 0.00	21.61 -0.46 0.00	27.56 -0.53 0.00	30.36 -0.59 0.00	29.28 -0.57 0.00	31.81 -0.65 0.00	31.61 -0.64 0.00	29.75 -0.67 0.00	32.43 -0.63 0.00	34.54 -0.63 0.00	36.81 -0.52 0.00	39.32 -0.64 0.00	42.08 -0.64 0.00	44.30 -0.72 0.00	38.38 -0.70 0.00	33.88 -0.62 0.00	30.95 -0.70 0.00	23.98 -0.59 0.00
ST_LAW_230_BK5_LBMP 345035	29.08 -0.38 0.00	20.50 -0.31 0.00	19.40 -0.34 0.00	15.57 -0.25 0.00	15.61 -0.22 0.00	18.29 -0.30 0.00	18.10 -0.30 0.00	21.63 -0.44 0.00	27.59 -0.50 0.00	30.40 -0.56 0.00	29.31 -0.54 0.00	31.88 -0.58 0.00	31.64 -0.61 0.00	29.82 -0.61 0.00	32.46 -0.59 0.00	34.57 -0.60 0.00	36.85 -0.49 0.00	39.36 -0.60 0.00	42.12 -0.60 0.00	44.30 -0.72 0.00	38.42 -0.66 0.00	33.91 -0.59 0.00	30.98 -0.67 0.00	24.00 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	29.08 -0.38 0.00	20.50 -0.31 0.00	19.40 -0.34 0.00	15.57 -0.25 0.00	15.61 -0.22 0.00	18.29 -0.30 0.00	18.10 -0.30 0.00	21.63 -0.44 0.00	27.59 -0.50 0.00	30.40 -0.56 0.00	29.31 -0.54 0.00	31.88 -0.58 0.00	31.64 -0.61 0.00	29.82 -0.61 0.00	32.46 -0.59 0.00	34.57 -0.60 0.00	36.85 -0.49 0.00	39.36 -0.60 0.00	42.12 -0.60 0.00	44.30 -0.72 0.00	38.42 -0.66 0.00	33.91 -0.59 0.00	30.98 -0.67 0.00	24.00 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.68 1.86 -2.36	32.19 1.27 -10.11	30.79 1.20 -9.84	29.15 0.97 -12.36	30.35 0.97 -13.56	30.43 1.13 -10.71	28.79 1.20 -9.20	30.84 1.46 -7.31	32.35 1.88 -2.37	34.83 2.23 -1.65	34.69 2.15 -2.69	35.58 2.34 -0.79	36.51 2.39 -1.87	36.21 2.22 -3.56	35.50 2.45 0.00	37.81 2.64 0.00	40.10 2.76 0.00	42.88 2.92 0.00	45.67 2.95 0.00	48.04 3.02 0.00	50.73 2.74 -8.91	41.45 2.35 -4.60	39.03 2.21 -5.17	33.33 1.55 -7.21
SWANROAD_115KV_TB1 355699	17.37 -3.42 8.68	16.80 -2.29 1.72	14.57 -2.13 3.04	13.79 -1.71 0.32	13.76 -1.74 0.33	13.63 -1.99 2.97	16.55 -2.32 -0.47	15.52 -2.25 4.31	18.76 -3.46 5.88	16.14 -3.78 11.04	18.57 -3.58 7.70	20.24 -3.90 8.32	20.57 -3.84 7.85	20.73 -3.53 6.16	20.68 -3.97 8.41	19.82 -4.43 10.92	21.66 -4.74 10.93	24.53 -5.12 10.32	27.67 -5.55 9.50	28.85 -6.12 10.06	24.99 -5.12 8.97	23.94 -4.17 6.39	23.09 -3.29 5.27	19.68 -2.24 2.66
SYNERGY___BIOGAS 323694	20.57 -2.27 6.63	18.47 -1.58 0.76	16.62 -1.44 1.67	14.95 -1.16 -0.28	14.95 -1.20 -0.33	15.67 -1.34 1.58	17.65 -1.43 -0.69	18.02 -1.43 2.62	21.89 -2.30 3.90	4.80 -2.54 23.62	16.76 -2.48 10.62	18.92 -2.66 10.88	20.20 -2.65 9.42	23.91 -2.46 4.05	19.88 -2.71 10.47	11.07 -2.92 21.18	18.58 -3.10 15.66	26.77 -3.28 9.92	32.72 -3.55 6.46	34.32 -3.87 6.84	30.05 -3.13 5.91	27.71 -2.62 4.16	26.21 -2.06 3.38	21.65 -1.40 1.52
SYRACUSE___ENERGY_ST1 323597	30.57 -0.15 -1.26	21.89 -0.08 -1.16	20.81 -0.06 -1.13	17.18 -0.06 -1.42	17.33 -0.06 -1.56	19.77 -0.06 -1.23	19.40 -0.06 -1.06	22.87 -0.04 -0.84	28.23 -0.14 -0.27	30.99 -0.15 -0.19	30.04 -0.12 -0.31	32.42 -0.13 -0.09	32.34 -0.13 -0.21	30.74 -0.09 -0.41	32.86 -0.20 0.00	34.96 -0.21 0.00	37.11 -0.22 0.00	39.76 -0.20 0.00	42.46 -0.26 0.00	44.80 -0.23 0.00	40.26 -0.04 -1.21	34.99 -0.03 -0.53	32.24 0.00 -0.60	25.45 0.05 -0.83
SYRACUSE___ENERGY_ST2 323598	30.57 -0.15 -1.26	21.89 -0.08 -1.16	20.81 -0.06 -1.13	17.18 -0.06 -1.42	17.33 -0.06 -1.56	19.77 -0.06 -1.23	19.40 -0.06 -1.06	22.87 -0.04 -0.84	28.23 -0.14 -0.27	30.99 -0.15 -0.19	30.04 -0.12 -0.31	32.42 -0.13 -0.09	32.34 -0.13 -0.21	30.74 -0.09 -0.41	32.86 -0.20 0.00	34.96 -0.21 0.00	37.11 -0.22 0.00	39.76 -0.20 0.00	42.46 -0.26 0.00	44.80 -0.23 0.00	40.26 -0.04 -1.21	34.99 -0.03 -0.53	32.24 0.00 -0.60	25.45 0.05 -0.83
SYRACUSE___POWER 24017	30.14 -0.18 -0.85	21.91 -0.12 -1.22	20.83 -0.10 -1.19	17.22 -0.09 -1.49	17.37 -0.09 -1.64	19.79 -0.09 -1.29	19.41 -0.09 -1.11	22.89 -0.07 -0.88	28.18 -0.20 -0.29	30.94 -0.22 -0.20	30.00 -0.18 -0.33	32.36 -0.19 -0.10	32.29 -0.15 -0.23	30.70 -0.15 -0.43	32.79 -0.26 0.00	34.89 -0.28 0.00	37.04 -0.30 0.00	39.68 -0.28 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	40.19 -0.08 -1.18	34.99 -0.07 -0.56	32.24 -0.03 -0.63	25.46 0.02 -0.87
TALLMAN__138KV_BK151 55660	33.92 2.06 -2.40	32.49 1.42 -10.27	31.08 1.34 -10.00	29.45 1.08 -12.55	30.68 1.08 -13.77	30.73 1.26 -10.88	29.10 1.36 -9.35	31.15 1.66 -7.42	32.64 2.14 -2.41	35.16 2.54 -1.67	35.03 2.45 -2.73	35.92 2.66 -0.80	36.86 2.71 -1.89	36.57 2.53 -3.62	35.80 2.74 0.00	38.13 2.95 0.00	40.43 3.10 0.00	43.28 3.32 0.00	46.01 3.29 0.00	48.40 3.38 0.00	51.14 3.01 -9.05	41.79 2.62 -4.67	39.34 2.44 -5.26	33.61 1.72 -7.32
TEALLAVE_115KV_TB7 355573	29.38 -0.32 -0.24	21.63 -0.21 -1.02	20.55 -0.18 -1.00	16.91 -0.16 -1.25	17.04 -0.16 -1.37	19.50 -0.17 -1.08	19.16 -0.17 -0.93	22.64 -0.18 -0.74	28.02 -0.31 -0.24	30.78 -0.34 -0.17	29.82 -0.30 -0.27	32.21 -0.32 -0.08	32.12 -0.32 -0.19	30.51 -0.27 -0.36	32.66 -0.40 0.00	34.75 -0.42 0.00	36.89 -0.45 0.00	39.52 -0.44 0.00	42.21 -0.51 0.00	44.53 -0.50 0.00	39.71 -0.27 -0.90	34.72 -0.24 -0.47	31.98 -0.19 -0.52	25.20 -0.10 -0.73
TELGRAPH_34_KV_EAST 80808	19.17 -2.77 7.52	17.75 -1.89 1.17	15.72 -1.76 2.26	14.44 -1.41 -0.02	14.43 -1.44 -0.04	14.78 -1.64 2.18	17.21 -1.78 -0.60	16.93 -1.81 3.34	20.53 -2.81 4.75	16.21 -3.06 11.68	19.75 -2.96 7.15	21.62 -3.18 7.66	22.03 -3.16 7.06	22.57 -2.89 4.96	22.15 -3.24 7.66	20.40 -3.55 11.22	23.21 -3.81 10.32	26.95 -4.08 8.93	30.55 -4.40 7.77	31.98 -4.82 8.23	27.86 -3.99 7.23	26.06 -3.31 5.13	24.82 -2.63 4.20	20.76 -1.79 2.01

TEMPLE___115KV_TB 2 55572	29.41 -0.29 -0.24	21.64 -0.21 -1.04	20.57 -0.18 -1.01	16.93 -0.16 -1.27	17.06 -0.16 -1.39	19.52 -0.17 -1.10	19.17 -0.17 -0.94	22.67 -0.15 -0.75	28.06 -0.28 -0.24	30.81 -0.31 -0.17	29.86 -0.27 -0.28	32.25 -0.29 -0.08	32.16 -0.29 -0.19	30.55 -0.24 -0.37	32.69 -0.36 0.00	34.79 -0.39 0.00	36.92 -0.41 0.00	39.52 -0.44 0.00	42.25 -0.47 0.00	44.53 -0.50 0.00	39.72 -0.27 -0.91	34.73 -0.24 -0.47	32.01 -0.16 -0.53	25.23 -0.07 -0.74
TIANA___69_KV_BK 1 55817	35.36 3.45 -2.45	33.57 2.27 -10.49	31.99 2.03 -10.22	30.20 1.55 -12.83	31.56 1.66 -14.07	31.51 1.80 -11.12	29.99 2.04 -9.55	32.06 2.41 -7.58	33.73 3.17 -2.46	36.50 3.84 -1.71	43.84 3.46 -10.53	44.09 3.73 -7.90	44.12 3.61 -8.24	46.20 3.35 -12.43	48.63 3.70 -11.87	48.70 4.08 -9.45	49.68 4.33 -8.02	49.88 4.80 -5.12	50.21 4.96 -2.54	50.26 5.09 -0.15	52.32 3.99 -9.24	48.68 3.66 -10.53	40.62 3.61 -5.37	34.46 2.41 -7.48
TILDEN___115KV_TB1 80814	30.14 -0.18 -0.85	21.91 -0.12 -1.22	20.83 -0.10 -1.19	17.22 -0.09 -1.49	17.37 -0.09 -1.64	19.79 -0.09 -1.29	19.41 -0.09 -1.11	22.89 -0.07 -0.88	28.18 -0.20 -0.29	30.94 -0.22 -0.20	30.00 -0.18 -0.33	32.36 -0.19 -0.10	32.29 -0.19 -0.23	30.70 -0.15 -0.43	32.79 -0.26 0.00	34.89 -0.28 0.00	37.04 -0.30 0.00	39.68 -0.28 0.00	42.42 -0.30 0.00	44.76 -0.27 0.00	40.19 -0.08 -1.18	34.99 -0.07 -0.56	32.24 -0.03 -0.63	25.46 0.02 -0.87
TRIGEN___CC 323695	34.59 2.68 -2.45	33.07 1.77 -10.49	31.55 1.60 -10.22	29.88 1.23 -12.83	31.22 1.31 -14.07	31.17 1.47 -11.12	29.60 1.66 -9.55	31.65 1.99 -7.58	33.17 2.61 -2.46	35.88 3.22 -1.71	43.42 3.04 -10.53	43.67 3.31 -7.90	43.83 3.32 -8.24	45.96 3.10 -12.43	48.30 3.37 -11.87	48.24 3.62 -9.45	49.16 3.81 -8.02	49.16 4.08 -5.12	49.40 4.14 -2.54	49.40 4.23 -0.15	52.00 3.67 -9.24	48.30 3.28 -10.53	40.15 3.13 -5.37	34.21 2.16 -7.48
TRINITY___115KV___ 4 BK 55933	33.29 1.03 -2.80	33.54 0.73 -12.00	32.11 0.69 -11.68	31.04 0.55 -14.67	32.48 0.55 -16.09	31.95 0.65 -12.71	29.88 0.57 -10.92	31.45 0.71 -8.67	31.76 0.84 -2.82	33.78 0.87 -1.96	33.91 0.87 -3.20	34.34 0.94 -0.94	35.41 0.94 -2.22	35.57 0.91 -4.23	34.11 1.06 0.00	36.26 1.09 0.00	38.38 1.05 0.00	41.16 1.20 0.00	43.92 1.20 0.00	46.33 1.31 0.00	50.84 1.17 -10.59	41.11 1.14 -5.47	38.84 1.04 -6.15	33.97 0.84 -8.57
UNION___PROCESSING_DRP 323587	25.71 -1.68 2.07	20.96 -1.19 -1.33	19.95 -1.09 -1.30	16.58 -0.87 -1.63	16.71 -0.90 -1.79	19.00 -1.00 -1.41	18.67 -0.94 -1.21	21.98 -1.06 -0.96	26.81 -1.60 -0.32	30.84 -1.70 -1.59	29.00 -1.67 -0.82	31.23 -1.79 -0.55	31.09 -1.77 -0.60	29.29 -1.61 -0.47	31.64 -1.82 -0.41	34.41 -1.93 -1.18	35.98 -2.05 -0.70	38.01 -2.20 -0.25	40.37 -2.35 0.00	42.42 -2.61 0.00	37.59 -2.07 -0.58	33.31 -1.79 -0.61	30.84 -1.49 -0.68	24.46 -1.06 -0.95
UPPER HUDSON___HYD 24058	34.17 1.83 -2.88	34.39 1.25 -12.33	32.93 1.18 -12.00	31.86 0.97 -15.07	33.34 0.98 -16.53	32.78 1.13 -13.06	30.73 1.08 -11.25	32.33 1.32 -8.93	32.49 1.49 -2.90	34.61 1.64 -2.01	34.52 1.37 -3.29	34.85 1.43 -0.96	35.86 1.32 -2.28	35.85 1.06 -4.36	34.28 1.22 0.00	36.61 1.44 0.00	39.09 1.76 0.00	42.00 2.04 0.00	45.33 2.61 0.00	47.91 2.88 0.00	52.60 2.62 -10.90	42.44 2.31 -5.63	40.09 2.12 -6.33	34.94 1.55 -8.82
UPPER RAQUET___HYD 24056	29.15 -0.35 -0.04	20.62 -0.37 -0.18	19.52 -0.39 -0.18	15.78 -0.27 -0.22	15.82 -0.25 -0.24	18.45 -0.33 -0.19	18.21 -0.35 -0.17	21.63 -0.57 -0.13	27.41 -0.73 -0.04	30.18 -0.80 -0.03	29.09 -0.80 -0.05	31.57 -0.91 -0.01	31.36 -0.94 -0.03	29.51 -0.97 -0.06	32.16 -0.89 0.00	34.33 -0.84 0.00	36.70 -0.63 0.00	39.20 -0.76 0.00	42.16 -0.56 0.00	44.40 -0.63 0.00	38.70 -0.55 -0.16	34.06 -0.52 -0.08	31.07 -0.67 -0.09	24.18 -0.52 -0.13
VALLEY44_115KV_TB2 355964	19.00 -1.44 9.01	18.08 -0.94 1.79	15.60 -0.85 3.29	14.91 -0.70 0.22	14.90 -0.71 0.21	14.62 -0.80 3.17	18.27 -0.75 -0.63	16.51 -0.88 4.68	19.90 -1.66 6.54	18.48 -1.70 10.78	20.19 -1.61 8.05	21.95 -1.72 8.79	22.20 -1.71 8.35	22.02 -1.55 6.85	22.30 -1.82 8.94	25.30 -2.18 7.69	27.41 -2.39 7.54	30.47 -2.52 6.98	33.97 -2.44 6.31	35.60 -2.75 6.68	31.67 -2.15 5.27	28.84 -1.79 3.87	27.28 -1.30 3.07	22.71 -0.71 1.14
VALLEY___115KV_TB 1-4 80826	29.37 -0.09 0.00	20.73 -0.08 0.00	19.62 -0.12 0.00	15.70 -0.13 0.00	15.67 -0.16 0.00	18.38 -0.20 0.00	18.15 -0.24 0.00	21.83 -0.24 0.00	27.76 -0.34 0.00	30.61 -0.34 0.00	29.46 -0.39 0.00	32.01 -0.45 0.00	31.84 -0.42 0.00	30.00 -0.43 0.00	32.62 -0.43 0.00	34.57 -0.60 0.00	36.59 -0.75 0.00	39.08 -0.88 0.00	41.78 -0.94 0.00	43.99 -1.04 0.00	38.22 -0.86 0.00	33.67 -0.83 0.00	30.98 -0.66 0.00	24.08 -0.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.58 1.41 -1.70	26.82 0.96 -5.05	25.61 0.95 -4.92	22.76 0.76 -6.18	23.35 0.74 -6.78	24.82 0.87 -5.36	23.80 0.81 -4.60	26.81 1.08 -3.65	30.52 1.24 -1.19	33.36 1.58 -0.82	32.69 1.49 -1.35	34.70 1.85 -0.39	35.10 1.90 -0.93	33.97 1.76 -1.78	35.04 1.98 0.00	37.25 2.08 0.00	39.39 2.05 0.00	42.12 2.16 0.00	44.99 2.26 0.00	47.37 2.34 0.00	45.86 2.23 -4.55	38.70 1.90 -2.30	35.94 1.71 -2.59	29.53 1.35 -3.61
VISCHER___FERRY HYD 24020	33.62 1.33 -2.83	33.89 0.94 -12.14	32.45 0.89 -11.83	31.38 0.71 -14.85	32.83 0.71 -16.29	32.29 0.84 -12.87	30.27 0.79 -11.09	31.85 0.97 -8.80	32.11 1.15 -2.86	34.14 1.21 -1.98	34.26 1.16 -3.24	34.67 1.26 -0.95	35.73 1.23 -2.25	35.87 1.16 -4.30	34.34 1.29 0.00	36.58 1.41 0.00	38.79 1.45 0.00	41.60 1.64 0.00	44.56 1.84 0.00	47.01 1.98 0.00	51.62 1.80 -10.74	41.67 1.62 -5.55	39.37 1.49 -6.24	34.42 1.15 -8.69
V_A_10_SYNC_DSASP 323832	19.47 -3.12 6.87	17.76 -2.12 0.93	15.83 -1.97 1.93	14.40 -1.58 -0.16	14.41 -1.61 -0.19	14.92 -1.84 1.82	17.21 -1.82 -0.64	17.10 -2.08 2.90	20.71 -3.12 4.26	18.88 -3.40 8.67	20.83 -3.22 5.79	22.65 -3.51 6.30	22.93 -3.45 5.88	22.79 -3.19 4.44	23.11 -3.57 6.37	22.78 -3.90 8.49	24.85 -4.18 8.30	27.82 -4.48 7.67	31.03 -4.74 6.95	32.49 -5.18 7.36	28.21 -4.30 6.58	26.31 -3.66 4.53	24.95 -3.01 3.69	20.77 -2.09 1.71
V_CMM_10_SYNC_DSASP 323787	29.20 -0.27 0.00	20.54 -0.27 0.00	19.46 -0.28 0.00	15.63 -0.19 0.00	15.65 -0.17 0.00	18.35 -0.24 0.00	18.15 -0.24 0.00	21.68 -0.40 0.00	27.64 -0.45 0.00	30.46 -0.50 0.00	29.40 -0.45 0.00	31.94 -0.52 0.00	31.74 -0.52 0.00	29.88 -0.55 0.00	32.56 -0.50 0.00	34.71 -0.46 0.00	37.00 -0.34 0.00	39.48 -0.48 0.00	42.25 -0.47 0.00	44.44 -0.59 0.00	38.54 -0.55 0.00	34.02 -0.48 0.00	31.07 -0.57 0.00	24.10 -0.47 0.00
V_CMP_10_SYNC_DSASP 323788	29.96 0.50 0.00	21.06 0.25 0.00	19.91 0.18 0.00	16.00 0.17 0.00	16.03 0.21 0.00	18.79 0.20 0.00	18.56 0.17 0.00	22.19 0.11 0.00	28.26 0.17 0.00	31.14 0.19 0.00	30.03 0.18 0.00	32.62 0.16 0.00	32.36 0.10 0.00	30.45 0.03 0.00	33.22 0.17 0.00	35.42 0.25 0.00	37.86 0.52 0.00	39.92 -0.04 0.00	42.76 0.04 0.00	44.98 -0.05 0.00	38.97 -0.12 0.00	34.36 -0.14 0.00	31.33 -0.32 0.00	24.25 -0.32 0.00

V_D_10_SYNC_DSASP 323841	29.32 -0.15 0.00	20.62 -0.19 0.00	19.50 -0.24 0.00	15.68 -0.14 0.00	15.70 -0.13 0.00	18.42 -0.17 0.00	18.21 -0.18 0.00	21.75 -0.33 0.00	27.70 -0.39 0.00	30.52 -0.43 0.00	29.43 -0.42 0.00	32.01 -0.45 0.00	31.77 -0.48 0.00	29.91 -0.52 0.00	32.62 -0.43 0.00	34.79 -0.39 0.00	37.15 -0.19 0.00	39.64 -0.32 0.00	42.42 -0.30 0.00	44.67 -0.36 0.00	38.73 -0.35 0.00	34.19 -0.31 0.00	31.20 -0.44 0.00	24.20 -0.37 0.00
V_E_10_SYNC_DSASP 323830	34.63 1.56 -3.61	26.55 1.00 -4.74	25.64 1.01 -4.89	22.08 0.81 -5.45	22.56 0.76 -5.97	24.75 0.91 -5.25	22.97 0.66 -3.92	27.01 0.91 -4.03	31.08 0.79 -2.20	33.83 0.96 -1.92	32.96 0.75 -2.36	35.24 1.10 -1.67	35.53 1.16 -2.11	34.29 1.10 -2.77	35.69 1.26 -1.38	37.77 1.34 -1.26	40.26 1.34 -1.58	43.28 1.56 -1.76	46.33 1.84 -1.77	48.84 1.94 -1.88	46.81 2.07 -5.66	39.34 1.66 -3.19	36.23 1.36 -3.23	29.32 1.13 -3.62
V_F_30_NSYNC___DSASP 323816	33.95 1.62 -2.87	34.24 1.12 -12.30	32.78 1.07 -11.98	31.72 0.85 -15.04	33.20 0.87 -16.50	32.65 1.02 -13.04	30.57 0.97 -11.20	32.14 1.17 -8.89	32.34 1.35 -2.90	34.42 1.45 -2.01	34.48 1.34 -3.28	34.85 1.43 -0.96	35.92 1.39 -2.28	36.05 1.28 -4.35	34.51 1.45 0.00	36.79 1.62 0.00	39.09 1.75 0.00	41.92 1.96 0.00	44.98 2.26 0.00	47.50 2.48 0.00	52.19 2.23 -10.88	42.12 2.00 -5.62	39.80 1.84 -6.32	34.75 1.38 -8.80
V_F_30_SYNC_DSASP 323786	33.40 1.12 -2.82	33.66 0.77 -12.07	32.25 0.75 -11.76	31.19 0.60 -14.76	32.63 0.60 -16.20	32.07 0.69 -12.80	29.99 0.61 -10.99	31.55 0.75 -8.73	31.81 0.87 -2.84	33.88 0.96 -1.97	34.02 0.96 -3.22	34.44 1.04 -0.94	35.49 1.00 -2.23	35.66 0.97 -4.26	34.18 1.12 0.00	36.37 1.20 0.00	38.49 1.16 0.00	41.24 1.28 0.00	44.04 1.32 0.00	46.47 1.44 0.00	50.99 1.25 -10.66	41.25 1.24 -5.51	38.97 1.14 -6.19	34.08 0.88 -8.63
V_XM_10_SYNC_DSASP 323789	29.96 0.50 0.00	21.06 0.25 0.00	19.91 0.18 0.00	16.00 0.17 0.00	16.03 0.21 0.00	18.79 0.20 0.00	18.56 0.17 0.00	22.19 0.11 0.00	28.26 0.17 0.00	31.14 0.19 0.00	30.03 0.18 0.00	32.62 0.16 0.00	32.36 0.10 0.00	30.45 0.03 0.00	33.22 0.17 0.00	35.42 0.25 0.00	37.86 0.52 0.00	39.92 -0.04 0.00	42.76 0.04 0.00	44.98 -0.05 0.00	38.97 -0.12 0.00	34.36 -0.14 0.00	31.33 -0.32 0.00	24.25 -0.32 0.00
W.BABYLN_69_KV_BK1 56697	35.12 3.21 -2.45	33.38 2.08 -10.49	31.83 1.87 -10.22	30.07 1.42 -12.83	31.44 1.54 -14.07	31.40 1.69 -11.12	29.86 1.91 -9.55	31.93 2.27 -7.58	33.56 3.01 -2.46	36.38 3.71 -1.71	43.87 3.49 -10.53	44.16 3.80 -7.90	44.28 3.77 -8.24	46.38 3.53 -12.43	48.80 3.87 -11.87	48.81 4.19 -9.45	49.79 4.44 -8.02	49.84 4.76 -5.12	50.17 4.91 -2.54	50.26 5.09 -0.15	52.59 4.26 -9.24	48.89 3.86 -10.53	40.72 3.70 -5.37	34.58 2.53 -7.48
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.02 2.15 -2.41	32.60 1.48 -10.31	31.16 1.38 -10.04	29.54 1.11 -12.61	30.77 1.11 -13.83	30.82 1.30 -10.93	29.18 1.40 -9.39	31.23 1.70 -7.45	32.71 2.19 -2.42	35.23 2.60 -1.68	35.10 2.51 -2.74	35.99 2.73 -0.80	36.94 2.77 -1.90	36.64 2.59 -3.63	35.90 2.84 0.00	38.23 3.06 0.00	40.51 3.17 0.00	43.36 3.40 0.00	46.14 3.42 0.00	48.54 3.51 0.00	51.34 3.17 -9.09	41.92 2.73 -4.69	39.45 2.53 -5.28	33.72 1.79 -7.36
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.15 2.24 -2.45	32.82 1.52 -10.49	31.39 1.44 -10.22	29.82 1.17 -12.83	31.06 1.16 -14.07	31.06 1.36 -11.12	29.43 1.49 -9.55	31.49 1.83 -7.58	32.92 2.36 -2.46	35.51 2.85 -1.71	35.36 2.72 -2.79	36.20 2.92 -0.82	37.16 2.97 -1.94	36.86 3.53 -3.70	36.06 3.01 0.00	38.44 3.27 0.00	40.77 3.43 0.00	43.60 3.64 0.00	46.39 3.67 0.00	48.76 3.74 0.00	51.61 3.28 -9.24	42.10 2.83 -4.77	39.67 2.66 -5.37	33.92 1.87 -7.48
W50THST__13_KV_LOAD 356117	34.30 2.39 -2.45	32.92 1.62 -10.49	31.47 1.52 -10.22	29.88 1.23 -12.83	31.14 1.23 -14.07	31.15 1.45 -11.12	29.52 1.58 -9.55	31.60 1.94 -7.58	33.09 2.53 -2.46	35.69 3.03 -1.71	35.51 2.87 -2.79	36.39 3.12 -0.82	37.36 3.16 -1.94	37.04 2.92 -3.70	36.26 3.21 0.00	38.62 3.45 0.00	40.96 3.62 0.00	43.84 3.88 0.00	46.61 3.89 0.00	48.99 3.96 0.00	51.81 3.48 -9.24	42.28 3.00 -4.77	39.83 2.82 -5.37	34.04 1.99 -7.48
WADING RIVER_IC_1 23522	35.31 3.39 -2.46	33.51 2.20 -10.49	31.93 1.97 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.47 1.77 -11.12	29.94 2.01 -9.54	32.02 2.36 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	43.99 3.48 -8.24	46.08 3.22 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.49 4.14 -8.02	49.76 4.67 -5.12	50.08 4.83 -2.54	50.12 4.95 -0.15	52.20 3.87 -9.24	48.58 3.55 -10.53	40.60 3.57 -5.38	34.46 2.41 -7.48
WADING RIVER_IC_2 23547	35.31 3.39 -2.46	33.51 2.20 -10.49	31.93 1.97 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.47 1.77 -11.12	29.94 2.01 -9.54	32.02 2.36 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	43.99 3.48 -8.24	46.08 3.22 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.49 4.14 -8.02	49.76 4.67 -5.12	50.08 4.83 -2.54	50.12 4.95 -0.15	52.20 3.87 -9.24	48.58 3.55 -10.53	40.60 3.57 -5.38	34.46 2.41 -7.48
WADING RIVER_IC_3 23601	35.31 3.39 -2.46	33.51 2.20 -10.49	31.93 1.97 -10.22	30.15 1.50 -12.83	31.52 1.62 -14.07	31.47 1.77 -11.12	29.94 2.01 -9.54	32.02 2.36 -7.58	33.68 3.12 -2.46	36.47 3.81 -1.71	43.72 3.34 -10.53	43.96 3.60 -7.90	43.99 3.48 -8.24	46.08 3.22 -12.43	48.43 3.50 -11.87	48.53 3.90 -9.45	49.49 4.14 -8.02	49.76 4.67 -5.12	50.08 4.83 -2.54	50.12 4.95 -0.15	52.20 3.87 -9.24	48.58 3.55 -10.53	40.60 3.57 -5.38	34.46 2.41 -7.48
WALDENNY_12_KV_BK2 80841	16.14 -2.74 10.58	16.43 -1.85 2.53	13.79 -1.72 4.23	13.59 -1.41 0.82	13.52 -1.44 0.87	12.81 -1.64 4.14	17.02 -1.67 -0.30	14.50 -1.85 5.72	17.58 -2.89 7.62	15.60 -3.10 12.25	17.62 -2.93 9.30	19.21 -3.18 10.07	19.50 -3.13 9.62	19.50 -2.89 8.03	19.61 -3.24 10.21	19.43 -3.62 12.12	20.69 -3.88 12.76	23.25 -4.12 12.60	26.47 -4.40 11.85	27.66 -4.82 12.54	23.82 -3.99 11.28	22.98 -3.38 8.13	22.24 -2.66 6.74	19.25 -1.79 3.53
WALDEN___HYDRO 24148	33.81 1.94 -2.41	32.45 1.33 -10.31	31.04 1.26 -10.04	29.43 1.00 -12.61	30.66 1.00 -13.83	30.69 1.17 -10.93	29.03 1.25 -9.39	31.03 1.50 -7.45	32.45 1.94 -2.42	34.92 2.29 -1.68	34.77 2.18 -2.74	35.67 2.40 -0.80	36.58 2.42 -1.90	36.31 2.25 -3.63	35.53 2.48 0.00	37.85 2.67 0.00	40.13 2.80 0.00	42.96 3.00 0.00	45.80 3.08 0.00	48.22 3.20 0.00	51.06 2.89 -9.09	41.64 2.45 -4.69	39.26 2.34 -5.28	33.54 1.62 -7.35
WARRENSBURG____ 23737	34.17 1.83 -2.88	34.39 1.25 -12.33	32.93 1.18 -12.00	31.86 0.97 -15.07	33.34 0.98 -16.53	32.78 1.13 -13.06	30.70 1.09 -11.22	32.31 1.32 -8.91	32.49 1.49 -2.90	34.61 1.64 -2.01	34.51 1.37 -3.29	34.85 1.43 -0.96	35.86 1.32 -2.28	35.85 1.06 -4.36	34.31 1.26 0.00	36.61 1.44 0.00	39.09 1.75 0.00	42.00 2.04 0.00	45.33 2.61 0.00	47.91 2.88 0.00	52.60 2.62 -10.90	42.44 2.31 -5.63	40.09 2.12 -6.33	34.94 1.55 -8.82

WATERSIDE___6 8 9 23538	34.25 2.33 -2.46	32.89 1.58 -10.50	31.46 1.50 -10.22	29.87 1.22 -12.83	31.13 1.22 -14.08	31.10 1.39 -11.12	29.45 1.51 -9.55	31.51 1.85 -7.58	32.95 2.39 -2.46	35.54 2.88 -1.71	35.39 2.75 -2.79	36.26 2.99 -0.82	37.19 3.00 -1.94	36.89 2.77 -3.70	36.10 3.04 0.00	38.48 3.31 0.00	40.81 3.47 0.00	43.68 3.72 0.00	46.44 3.72 0.00	48.81 3.78 0.00	51.69 3.36 -9.24	42.17 2.90 -4.78	39.70 2.69 -5.37	33.97 1.92 -7.48
WATKINRD_115KV_LN8_ILLION 55919	29.34 -0.12 0.00	20.69 -0.12 0.00	19.58 -0.16 0.00	15.66 -0.16 0.00	15.62 -0.21 0.00	18.31 -0.28 0.00	18.08 -0.31 0.00	21.75 -0.33 0.00	27.64 -0.45 0.00	30.46 -0.50 0.00	29.31 -0.54 0.00	31.84 -0.62 0.00	31.65 -0.61 0.00	29.81 -0.61 0.00	32.46 -0.59 0.00	34.29 -0.88 0.00	36.25 -1.08 0.00	38.72 -1.24 0.00	41.40 -1.32 0.00	43.59 -1.44 0.00	37.87 -1.21 0.00	33.36 -1.14 0.00	30.76 -0.89 0.00	23.90 -0.66 0.00
WDELAWARE___HYD 323627	33.51 1.77 -2.28	31.75 1.19 -9.75	30.38 1.14 -9.50	28.65 0.90 -11.92	29.81 0.90 -13.08	29.98 1.06 -10.33	28.35 1.08 -8.87	30.42 1.30 -7.04	32.10 1.71 -2.29	34.55 2.01 -1.59	34.36 1.91 -2.60	35.33 2.11 -0.76	36.22 2.16 -1.80	35.87 2.01 -3.44	35.27 2.21 0.00	37.57 2.39 0.00	39.87 2.54 0.00	42.68 2.72 0.00	45.58 2.86 0.00	48.00 2.97 0.00	50.45 2.78 -8.59	41.25 2.31 -4.44	38.82 2.18 -4.99	33.05 1.52 -6.96
WEST BABYLON___IC 23714	35.12 3.21 -2.45	33.38 2.08 -10.49	31.83 1.87 -10.22	30.07 1.42 -12.83	31.44 1.54 -14.07	31.40 1.69 -11.12	29.86 1.91 -9.55	31.93 2.27 -7.58	33.56 3.01 -2.46	36.38 3.71 -1.71	43.87 3.49 -10.53	44.16 3.80 -7.90	44.28 3.77 -8.24	46.38 3.53 -12.43	48.80 3.87 -11.87	48.81 4.19 -9.45	49.79 4.44 -8.02	49.84 4.76 -5.12	50.17 4.91 -2.54	50.26 5.09 -0.15	52.59 4.26 -9.24	48.89 3.86 -10.53	40.72 3.70 -5.37	34.58 2.53 -7.48
WEST CANADA___HYD 24049	29.64 0.18 0.00	20.94 0.13 0.00	19.86 0.12 0.00	15.92 0.10 0.00	15.92 0.10 0.00	18.70 0.11 0.00	18.50 0.11 0.00	22.21 0.13 0.00	28.23 0.14 0.00	31.11 0.16 0.00	30.00 0.15 0.00	32.62 0.16 0.00	32.45 0.19 0.00	30.61 0.18 0.00	33.25 0.20 0.00	35.38 0.21 0.00	37.52 0.19 0.00	40.16 0.20 0.00	42.93 0.21 0.00	45.25 0.23 0.00	39.32 0.24 0.00	34.71 0.21 0.00	31.83 0.19 0.00	24.72 0.15 0.00
WESTERN_NY_WIND 24143	20.16 -2.33 6.98	18.27 -1.62 0.92	16.35 -1.48 1.90	14.80 -1.20 -0.18	14.81 -1.23 -0.22	15.40 -1.38 1.81	17.56 -1.49 -0.66	17.69 -1.48 2.90	21.47 -2.39 4.23	7.41 -2.60 20.94	17.38 -2.54 9.94	19.43 -2.76 10.27	20.51 -2.74 9.01	23.49 -2.53 4.41	20.29 -2.81 9.96	13.16 -3.02 18.98	19.54 -3.21 14.58	26.68 -3.40 9.89	32.12 -3.63 6.97	33.64 -4.01 7.38	29.41 -3.24 6.43	27.23 -2.73 4.54	25.79 -2.15 3.70	21.41 -1.45 1.71
WESTOVER___LESR 323668	32.65 0.24 -2.95	25.22 0.19 -4.22	24.24 0.20 -4.31	20.88 0.14 -4.92	21.36 0.14 -5.39	23.41 0.19 -4.63	22.10 0.15 -3.56	25.77 0.22 -3.48	29.96 0.11 -1.76	32.01 0.19 -0.88	31.75 0.21 -1.69	33.73 0.23 -1.05	33.98 0.23 -1.49	32.93 0.24 -2.27	34.07 0.23 -0.79	34.88 0.25 0.53	37.28 0.26 0.32	40.17 0.32 0.11	43.11 0.38 0.00	45.39 0.36 0.00	43.17 0.47 -3.61	36.66 0.45 -1.71	34.01 0.44 -1.92	27.64 0.39 -2.68
WETHRSFD_WT_PWR 323626	1.39 -2.27 25.80	9.89 -1.64 9.27	4.53 -1.54 13.67	9.13 -1.28 5.41	8.63 -1.35 5.85	3.42 -1.54 13.63	15.11 -1.62 1.66	3.36 -1.85 16.86	4.69 -2.87 20.54	3.59 -3.10 24.26	4.59 -3.01 22.24	5.27 -3.34 23.85	5.39 -3.32 23.54	5.45 -3.04 21.93	5.45 -3.34 24.27	3.00 -3.62 28.55	-0.27 -3.77 33.84	-0.49 -3.91 36.54	2.55 -4.14 36.03	2.41 -4.46 38.16	-0.53 -3.56 36.06	5.10 -3.10 26.29	6.75 -2.63 22.26	9.49 -1.89 13.19
WHAVSTOR_138KV_BK127 55557	33.91 2.03 -2.41	32.53 1.39 -10.32	31.11 1.32 -10.05	29.50 1.06 -12.62	30.74 1.06 -13.85	30.77 1.25 -10.94	29.13 1.34 -9.40	31.17 1.63 -7.46	32.63 2.11 -2.42	35.14 2.51 -1.68	35.02 2.42 -2.75	35.89 2.63 -0.80	36.81 2.65 -1.90	36.53 2.46 -3.64	35.77 2.71 0.00	38.09 2.92 0.00	40.40 3.06 0.00	43.20 3.24 0.00	45.97 3.25 0.00	48.36 3.33 0.00	51.15 2.97 -9.10	41.78 2.59 -4.70	39.33 2.40 -5.28	33.63 1.70 -7.36
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.91 2.03 -2.41	32.53 1.39 -10.32	31.11 1.32 -10.05	29.50 1.06 -12.62	30.74 1.06 -13.85	30.77 1.25 -10.94	29.13 1.34 -9.40	31.17 1.63 -7.46	32.63 2.11 -2.42	35.14 2.51 -1.68	35.02 2.42 -2.75	35.89 2.63 -0.80	36.81 2.65 -1.90	36.53 2.46 -3.64	35.77 2.71 0.00	38.09 2.92 0.00	40.40 3.06 0.00	43.20 3.24 0.00	45.97 3.25 0.00	48.36 3.33 0.00	51.15 2.97 -9.10	41.78 2.59 -4.70	39.33 2.40 -5.28	33.63 1.70 -7.36
WHITEHAL_115KV_TB1 80871	34.64 2.30 -2.87	34.71 1.58 -12.31	33.23 1.50 -11.99	32.10 1.22 -15.06	33.60 1.25 -16.52	33.09 1.45 -13.05	30.96 1.36 -11.21	32.61 1.63 -8.90	32.79 1.80 -2.90	34.95 1.98 -2.01	34.87 1.73 -3.29	35.18 1.75 -0.96	36.15 1.61 -2.28	36.15 1.37 -4.35	34.67 1.62 0.00	37.04 1.86 0.00	39.54 2.20 0.00	42.56 2.60 0.00	45.97 3.25 0.00	48.67 3.65 0.00	53.29 3.32 -10.89	43.05 2.93 -5.62	40.62 2.66 -6.32	35.32 1.94 -8.81
WHITEPLN_13_KV_LOAD 356215	34.41 2.50 -2.45	33.02 1.73 -10.48	31.56 1.62 -10.21	29.94 1.30 -12.82	31.19 1.30 -14.06	31.24 1.54 -11.11	29.59 1.66 -9.54	31.66 2.01 -7.58	33.20 2.64 -2.46	35.88 3.22 -1.71	35.74 3.10 -2.79	36.62 3.34 -0.82	37.58 3.39 -1.93	37.25 3.13 -3.69	36.46 3.40 0.00	38.83 3.66 0.00	41.18 3.85 0.00	44.04 4.08 0.00	46.78 4.06 0.00	49.17 4.14 0.00	52.03 3.71 -9.24	42.41 3.14 -4.77	39.95 2.94 -5.37	34.11 2.06 -7.48
WM_FLOYD_69_KV_BK2 356380	35.30 3.39 -2.45	33.51 2.21 -10.49	31.93 1.97 -10.22	30.15 1.50 -12.83	31.52 1.61 -14.07	31.47 1.77 -11.12	29.95 2.00 -9.55	32.02 2.36 -7.58	33.68 3.12 -2.46	36.44 3.78 -1.71	43.81 3.43 -10.53	44.06 3.70 -7.90	44.12 3.61 -8.24	46.23 3.38 -12.43	48.60 3.67 -11.87	48.67 4.04 -9.45	49.68 4.33 -8.02	49.88 4.80 -5.12	50.21 4.96 -2.54	50.26 5.09 -0.15	52.43 4.10 -9.24	48.79 3.76 -10.53	40.72 3.70 -5.37	34.56 2.51 -7.48
WOODARD__115KV_TB2 355635	29.89 -0.32 -0.75	21.62 -0.23 -1.04	20.55 -0.20 -1.01	16.92 -0.17 -1.27	17.05 -0.17 -1.39	19.50 -0.19 -1.10	19.16 -0.18 -0.95	22.65 -0.18 -0.75	28.00 -0.34 -0.24	30.78 -0.34 -0.17	29.80 -0.33 -0.28	32.18 -0.36 -0.08	32.10 -0.35 -0.19	30.49 -0.30 -0.37	32.66 -0.40 0.00	34.71 -0.46 0.00	36.85 -0.49 0.00	39.48 -0.48 0.00	42.16 -0.56 0.00	44.49 -0.54 0.00	39.78 -0.31 -1.01	34.70 -0.28 -0.47	31.95 -0.22 -0.53	25.19 -0.12 -0.74
YORK___WARBASSE 23770	34.39 2.47 -2.46	33.00 1.69 -10.50	31.54 1.58 -10.23	29.94 1.28 -12.83	31.18 1.27 -14.08	31.16 1.45 -11.12	29.49 1.55 -9.55	31.58 1.92 -7.58	33.00 2.44 -2.46	35.63 2.97 -1.71	35.48 2.84 -2.79	36.36 3.08 -0.82	37.29 3.10 -1.94	36.98 2.86 -3.70	36.19 3.14 0.00	38.62 3.45 0.00	40.99 3.66 0.00	43.88 3.92 0.00	46.65 3.93 0.00	49.03 4.01 0.00	51.88 3.56 -9.24	42.34 3.07 -4.78	39.89 2.88 -5.37	34.09 2.04 -7.48