

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/29/2024																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	40.86	38.60	37.05	36.40	37.91	40.90	45.30	47.20	44.79	40.39	37.90	39.63	37.89	42.61	42.72	48.74	58.17	65.28	60.03	54.25	49.79	46.84	42.71	41.87			
		2.38	1.85	1.55	1.61	1.78	2.09	2.40	2.62	2.90	2.89	2.77	2.69	2.64	2.60	2.60	2.81	2.79	2.76	2.74	2.75	2.43	2.26	1.89	2.12			
		-0.07	-4.91	-8.76	-5.45	-3.66	0.00	0.00	-4.84	-3.19	0.00	0.00	-3.68	-2.23	-6.75	-7.14	-10.30	-18.18	-25.24	-20.19	-15.74	-13.14	-12.22	-13.37	-7.69			
74TH STREET_GT_1	24260	40.94	38.67	37.11	36.43	37.97	40.94	45.30	47.24	44.82	40.43	37.97	39.65	37.92	42.63	42.75	48.78	58.20	65.29	60.07	54.29	49.82	46.87	42.77	41.91			
		2.46	1.91	1.60	1.64	1.85	2.13	2.40	2.66	2.94	2.93	2.85	2.73	2.67	2.63	2.64	2.85	2.83	2.76	2.78	2.79	2.46	2.30	1.95	2.15			
		-0.07	-4.91	-8.76	-5.45	-3.66	0.00	0.00	-4.84	-3.19	0.00	0.00	-3.67	-2.23	-6.74	-7.14	-10.30	-18.18	-25.25	-20.19	-15.74	-13.14	-12.22	-13.38	-7.69			
74TH STREET_GT_2	24261	40.94	38.67	37.11	36.43	37.97	40.94	45.30	47.24	44.82	40.43	37.97	39.65	37.92	42.63	42.75	48.78	58.20	65.29	60.07	54.29	49.82	46.87	42.77	41.91			
		2.46	1.91	1.60	1.64	1.85	2.13	2.40	2.66	2.94	2.93	2.85	2.73	2.67	2.63	2.64	2.85	2.83	2.76	2.78	2.79	2.46	2.30	1.95	2.15			
		-0.07	-4.91	-8.76	-5.45	-3.66	0.00	0.00	-4.84	-3.19	0.00	0.00	-3.67	-2.23	-6.74	-7.14	-10.30	-18.18	-25.25	-20.19	-15.74	-13.14	-12.22	-13.38	-7.69			
ADK HUDSON___FALLS	24011	40.84	39.86	39.06	37.79	38.98	41.33	45.77	48.48	45.11	39.79	37.17	36.34	35.84	39.03	42.94	50.50	61.99	70.82	64.44	57.45	52.56	49.37	45.56	43.47			
		2.34	2.01	1.60	1.79	2.04	2.52	2.87	2.82	2.52	2.29	2.04	1.96	1.95	1.96	1.91	2.28	2.57	2.65	2.63	2.43	2.26	2.07	1.76	1.99			
		-0.09	-6.00	-10.71	-6.67	-4.48	0.00	0.00	-5.92	-3.90	0.00	0.00	-1.12	-0.87	-3.81	-8.06	-12.59	-22.23	-30.89	-24.71	-19.26	-16.08	-14.95	-16.37	-9.41			
ADK RESOURCE___RCVRY	23798	40.99	39.99	39.15	37.91	39.12	41.52	45.99	48.68	45.27	39.94	37.27	36.44	35.97	39.13	43.05	50.66	62.19	71.02	64.67	57.64	52.74	49.51	45.68	43.60			
		2.50	2.13	1.69	1.91	2.17	2.72	3.09	3.02	2.67	2.44	2.14	2.06	2.08	2.06	2.01	2.42	2.75	2.83	2.86	2.61	2.43	2.20	1.87	2.12			
		-0.09	-6.00	-10.71	-6.67	-4.48	0.00	0.00	-5.92	-3.90	0.00	0.00	-1.12	-0.86	-3.80	-8.07	-12.60	-22.24	-30.91	-24.72	-19.28	-16.09	-14.96	-16.38	-9.42			
ADK S GLENS___FALLS	24028	40.84	39.86	39.06	37.79	38.98	41.33	45.77	48.48	45.11	39.79	37.17	36.34	35.84	39.03	42.94	50.50	61.99	70.82	64.44	57.45	52.56	49.37	45.56	43.47			
		2.34	2.01	1.60	1.79	2.04	2.52	2.87	2.82	2.52	2.29	2.04	1.96	1.95	1.96	1.91	2.28	2.57	2.65	2.63	2.43	2.26	2.07	1.76	1.99			
		-0.09	-6.00	-10.71	-6.67	-4.48	0.00	0.00	-5.92	-3.90	0.00	0.00	-1.12	-0.87	-3.81	-8.06	-12.59	-22.23	-30.89	-24.71	-19.26	-16.08	-14.95	-16.37	-9.41			
ADK_NYS___DAM	23527	40.45	39.31	38.53	37.37	38.55	40.90	45.39	47.94	44.83	39.67	36.99	36.52	35.86	39.21	42.68	49.92	61.10	69.57	63.39	56.55	51.91	48.69	44.85	43.00			
		1.96	1.66	1.42	1.58	1.75	2.09	2.49	2.46	2.36	2.17	1.86	1.89	1.85	1.89	1.85	2.10	2.38	2.39	2.38	2.15	2.12	1.88	1.56	1.83			
		-0.08	-5.81	-10.37	-6.45	-4.34	0.00	0.00	-5.73	-3.77	0.00	0.00	-1.36	-0.99	-4.06	-7.86	-12.19	-21.52	-29.91	-23.92	-18.65	-15.57	-14.47	-15.84	-9.11			
AIR_PRODUCTS___DRP	24190	39.61	38.60	37.92	36.71	37.75	39.93	43.76	46.32	43.30	38.40	36.04	35.41	34.86	38.00	41.62	48.39	59.31	67.80	61.61	54.96	50.31	47.22	43.69	41.59			
		1.11	0.92	0.78	0.91	0.94	1.13	0.86	0.83	0.81	0.90	0.91	0.93	0.92	0.86	0.79	0.53	0.52	0.52	0.52	0.50	0.48	0.36	0.36	0.38			
		-0.08	-5.83	-10.40	-6.47	-4.35	0.00	0.00	-5.75	-3.79	0.00	0.00	-1.22	-0.92	-3.88	-7.85	-12.23	-21.59	-30.00	-23.99	-18.71	-15.62	-14.51	-15.89	-9.14			
AKWESSNE_115KV_BK	355683	37.14	31.31	25.97	28.60	32.10	38.03	42.60	40.22	38.23	36.04	33.37	31.53	31.47	31.63	31.55	34.35	35.41	35.42	34.72	33.11	31.96	29.57	25.22	29.89			
		-1.27	-0.54	-0.78	-0.73	-0.36	-0.78	-0.30	0.48	-0.46	-1.46	-1.76	-1.73	-1.55	-1.63	-1.42	-1.28	-1.79	-1.86	-2.37	-2.65	-2.26	-2.78	-2.22	-2.18			
		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	40.03	38.85	38.00	36.90	38.03	40.40	44.44	46.74	43.54	38.55	36.08	35.53	34.97	38.17	41.67	48.64	59.52	67.95	61.86	55.25	50.62	47.55	43.88	42.01			
		1.54	1.28	1.04	1.20	1.30	1.59	1.54	1.35	1.12	1.05	0.95	0.97	0.99	0.97	0.96	1.00	1.11	1.19	1.19	1.11	1.06	0.94	0.82	0.96			
		-0.08	-5.72	-10.22	-6.36	-4.27	0.00	0.00	-5.65	-3.72	0.00	0.00	-1.31	-0.96	-3.95	-7.74	-12.02	-21.21	-29.48	-23.57	-18.38	-15.35	-14.26	-15.62	-8.98			
ALBANY_2_SOLAR	323834	40.03	38.82	38.01	36.87	38.03	40.40	44.40	46.74	43.54	38.55	36.08	35.53	34.94	38.17	41.67	48.64	59.53	67.95	61.86	55.25	50.63	47.55	43.88	42.01			
		1.54	1.24	1.04	1.17	1.30	1.59	1.50	1.35	1.12	1.05	0.95	0.97	0.96	0.97	0.96	1.00	1.11	1.19	1.19	1.11	1.06	0.94	0.82	0.96			
		-0.08	-5.72	-10.22	-6.36	-4.28	0.00	0.00	-5.65	-3.72	0.00	0.00	-1.31	-0.96	-3.95	-7.74	-12.02	-21.21	-29.48	-23.58	-18.38	-15.35	-14.26	-15.62	-8.98			
ALBANY___1	23571	39.61	38.60	37.92	36.71	37.75	39.93	43.76	46.32	43.30	38.40	36.04	35.41	34.86	38.00	41.62	48.39	59.31	67.80	61.61	54.96	50.31	47.22	43.69	41.59			
		1.11	0.92	0.78	0.91	0.94	1.13	0.86	0.83	0.81	0.90	0.91	0.93	0.92	0.86	0.79	0.53	0.52	0.52	0.52	0.50	0.48	0.36	0.36	0.38			
		-0.08	-5.83	-10.40	-6.47	-4.35	0.00	0.00	-5.75	-3.79	0.00	0.00	-1.22	-0.92	-3.88	-7.85	-12.23	-21.59	-30.00	-23.99	-18.71	-15.62	-14.51	-15.89	-9.14			

ALBANY___2 23572	39.61 1.11 -0.08	38.60 0.92 -5.83	37.92 0.78 -10.40	36.71 0.91 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.76 0.86 0.00	46.32 0.83 -5.75	43.30 0.81 -3.79	38.40 0.90 0.00	36.04 0.91 0.00	35.41 0.93 -1.22	34.86 0.92 -0.92	38.00 0.86 -3.88	41.62 0.79 -7.85	48.39 0.53 -12.23	59.31 0.52 -21.59	67.80 0.52 -30.00	61.61 0.52 -23.99	54.96 0.50 -18.71	50.31 0.48 -15.62	47.22 0.36 -14.51	43.69 0.36 -15.89	41.59 0.38 -9.14
ALBANY___3 23573	39.61 1.11 -0.08	38.60 0.92 -5.83	37.92 0.78 -10.40	36.71 0.91 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.76 0.86 0.00	46.32 0.83 -5.75	43.30 0.81 -3.79	38.40 0.90 0.00	36.04 0.91 0.00	35.41 0.93 -1.22	34.86 0.92 -0.92	38.00 0.86 -3.88	41.62 0.79 -7.85	48.39 0.53 -12.23	59.31 0.52 -21.59	67.80 0.52 -30.00	61.61 0.52 -23.99	54.96 0.50 -18.71	50.31 0.48 -15.62	47.22 0.36 -14.51	43.69 0.36 -15.89	41.59 0.38 -9.14
ALBANY___4 23574	39.61 1.11 -0.08	38.60 0.92 -5.83	37.92 0.78 -10.40	36.71 0.91 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.76 0.86 0.00	46.32 0.83 -5.75	43.30 0.81 -3.79	38.40 0.90 0.00	36.04 0.91 0.00	35.41 0.93 -1.22	34.86 0.92 -0.92	38.00 0.86 -3.88	41.62 0.79 -7.85	48.39 0.53 -12.23	59.31 0.52 -21.59	67.80 0.52 -30.00	61.61 0.52 -23.99	54.96 0.50 -18.71	50.31 0.48 -15.62	47.22 0.36 -14.51	43.69 0.36 -15.89	41.59 0.38 -9.14
ALBANY___LFGE 323615	39.84 1.34 -0.08	38.84 1.11 -5.87	38.17 0.94 -10.49	36.95 1.09 -6.53	38.01 1.17 -4.39	40.20 1.40 0.00	44.10 1.20 0.00	46.73 1.19 -5.80	43.64 1.12 -3.82	38.66 1.16 0.00	36.29 1.16 0.00	35.62 1.16 -1.20	35.11 1.19 -0.91	38.26 1.13 -3.87	41.91 1.02 -7.91	48.85 0.89 -12.33	59.90 0.93 -21.77	68.46 0.93 -30.25	62.22 0.93 -24.19	55.48 0.86 -18.86	50.78 0.82 -15.75	47.67 0.68 -14.64	44.07 0.60 -16.03	41.96 0.67 -9.21
ALCOA_PA_115KV_PL-6C 55860	37.33 -1.08 0.00	31.51 -0.41 -0.08	26.21 -0.67 -0.13	28.80 -0.62 -0.08	32.29 -0.23 -0.06	38.23 -0.58 0.00	42.81 -0.09 0.00	40.49 0.68 -0.07	38.44 -0.31 -0.05	36.19 -1.31 0.00	33.51 -1.62 0.00	31.63 -1.63 0.00	31.57 -1.45 0.00	31.76 -1.53 -0.03	31.75 -1.32 -0.10	34.65 -1.14 -0.16	35.88 -1.60 -0.28	35.99 -1.68 -0.39	35.22 -2.19 -0.31	33.53 -2.47 -0.24	32.36 -2.05 -0.20	29.92 -2.62 -0.19	25.53 -2.11 -0.21	30.17 -2.02 -0.12
ALCOA_RYNLDS___DRP 24188	37.33 -1.08 0.00	31.51 -0.41 -0.08	26.21 -0.67 -0.13	28.80 -0.62 -0.08	32.29 -0.23 -0.06	38.23 -0.58 0.00	42.81 -0.09 0.00	40.49 0.68 -0.07	38.44 -0.31 -0.05	36.19 -1.31 0.00	33.51 -1.62 0.00	31.63 -1.63 0.00	31.57 -1.45 0.00	31.76 -1.53 -0.03	31.75 -1.32 -0.10	34.65 -1.14 -0.16	35.88 -1.60 -0.28	35.99 -1.68 -0.39	35.22 -2.19 -0.31	33.53 -2.47 -0.24	32.36 -2.05 -0.20	29.92 -2.62 -0.19	25.53 -2.11 -0.21	30.17 -2.02 -0.12
ALCOA___DSASP 323711	37.18 -1.23 0.00	31.51 -0.41 -0.08	26.21 -0.67 -0.13	28.80 -0.62 -0.08	32.29 -0.23 -0.06	38.23 -0.58 0.00	42.81 -0.09 0.00	40.49 0.67 -0.07	38.55 -0.19 -0.05	36.19 -1.31 0.00	33.51 -1.62 0.00	31.63 -1.63 0.00	31.57 -1.45 0.00	31.76 -1.53 -0.03	31.75 -1.32 -0.10	34.65 -1.14 -0.16	35.88 -1.60 -0.28	35.99 -1.68 -0.39	35.22 -2.19 -0.31	33.53 -2.47 -0.24	32.37 -2.05 -0.20	29.92 -2.62 -0.19	25.53 -2.11 -0.21	30.17 -2.02 -0.12
ALLEGHENY___COGEN 23514	37.54 -0.88 -0.01	31.71 -0.92 -0.78	27.36 -0.78 -1.39	29.55 -0.65 -0.87	32.26 -0.78 -0.58	38.34 -0.46 0.00	42.34 -0.56 0.00	39.96 -0.52 -0.73	38.49 -0.70 -0.48	36.79 -0.71 0.00	34.04 -1.09 0.00	31.89 -1.37 0.00	31.60 -1.45 -0.03	32.02 -1.53 -0.29	32.39 -1.55 -0.97	34.35 -1.46 -0.18	36.53 -0.97 -0.30	40.61 -0.49 -3.82	39.97 -0.18 -3.06	38.18 0.04 -2.38	35.86 -0.34 -1.99	32.01 -0.55 -0.21	28.89 -0.58 -2.03	32.72 -0.51 -1.16
ALTAMONT_115KV_TB 2 55880	39.53 1.04 -0.08	38.53 0.86 -5.82	37.86 0.72 -10.39	36.62 0.82 -6.47	37.68 0.88 -4.35	39.86 1.05 0.00	43.97 1.07 0.00	46.56 1.07 -5.74	43.53 1.04 -3.78	38.51 1.01 0.00	36.11 0.98 0.00	35.36 0.93 -1.18	34.84 0.92 -0.89	38.00 0.93 -3.81	41.70 0.89 -7.84	48.78 0.93 -12.22	59.74 0.97 -21.57	68.23 0.97 -29.98	62.04 0.96 -23.98	55.38 0.93 -18.70	50.71 0.89 -15.61	47.63 0.78 -14.50	43.98 0.66 -15.88	41.97 0.77 -9.13
ALTONA_WT_PWR 323606	36.76 -1.65 0.00	31.15 -0.70 0.00	25.84 -0.91 0.00	28.48 -0.85 0.00	32.13 -0.32 0.00	38.15 -0.66 0.00	42.81 -0.09 0.00	40.49 0.75 0.00	38.62 -0.08 0.00	36.34 -1.16 0.00	33.58 -1.54 0.00	31.70 -1.56 0.00	31.60 -1.42 0.00	31.73 -1.53 0.00	31.68 -1.29 0.00	34.56 -1.07 0.00	35.60 -1.60 0.00	35.53 -1.75 0.00	34.72 -2.37 0.00	33.00 -2.75 0.00	31.79 -2.43 0.00	29.38 -2.98 0.00	25.00 -2.44 0.00	29.66 -2.41 0.00
AMERICAN_REF_FUEL 24010	34.69 -3.73 -0.01	29.35 -3.18 -0.68	25.41 -2.54 -1.21	27.30 -2.79 -0.75	29.75 -3.21 -0.51	35.16 -3.65 0.00	38.44 -4.46 0.00	35.55 -4.73 -0.54	34.68 -4.37 -0.36	33.97 -3.53 0.00	31.69 -3.44 0.00	29.73 -3.53 0.00	29.42 -3.63 -0.03	29.72 -3.76 -0.22	29.69 -3.99 -0.71	31.88 -4.28 -0.53	34.07 -4.05 -0.92	35.66 -4.40 -2.78	35.24 -4.08 -2.23	33.60 -3.90 -1.74	31.49 -4.18 -1.45	29.32 -3.66 -0.63	25.82 -3.10 -1.48	29.71 -3.21 -0.85
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.00 -2.42 -0.01	29.99 -2.61 -0.75	26.00 -2.09 -1.34	27.91 -2.26 -0.84	30.33 -2.69 -0.56	36.48 -2.33 0.00	40.07 -2.83 0.00	36.98 -3.38 -0.62	35.89 -3.21 -0.41	35.29 -2.21 0.00	32.81 -2.32 0.00	30.60 -2.66 0.00	30.08 -2.97 -0.03	30.11 -3.39 -0.25	30.22 -3.56 -0.82	32.20 -3.92 -0.49	34.18 -3.87 -0.85	36.90 -3.58 -3.20	36.32 -3.34 -2.56	34.53 -3.22 -2.00	32.46 -3.42 -1.67	29.70 -3.23 -0.58	26.39 -2.74 -1.70	30.00 -3.05 -0.98
ARTHUR KILL_GT_1 23520	40.78 2.30 -0.07	38.48 1.72 -4.91	36.92 1.42 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.51 1.71 0.00	44.78 1.89 0.00	46.68 2.10 -4.84	44.21 2.32 -3.19	39.79 2.29 0.00	37.34 2.21 0.00	39.12 2.19 -3.67	37.39 2.15 -2.23	42.10 2.10 -6.74	42.25 2.14 -7.14	48.32 2.39 -10.30	57.68 2.31 -18.18	64.80 2.27 -25.25	59.63 2.34 -20.19	53.90 2.40 -15.74	49.38 2.02 -13.14	46.55 1.97 -12.22	42.52 1.70 -13.38	41.71 1.96 -7.69
ARTHUR_KILL_2 23512	40.67 2.19 -0.07	38.41 1.66 -4.91	36.87 1.36 -8.76	36.16 1.38 -5.45	37.65 1.53 -3.66	40.44 1.63 0.00	44.66 1.76 0.00	46.56 1.99 -4.84	44.09 2.20 -3.19	39.71 2.21 0.00	37.27 2.14 0.00	39.02 2.10 -3.67	37.33 2.08 -2.23	42.03 2.03 -6.74	42.16 2.04 -7.14	48.21 2.28 -10.30	57.61 2.23 -18.18	64.69 2.16 -25.25	59.51 2.23 -20.19	53.79 2.29 -15.74	49.28 1.91 -13.14	46.45 1.88 -12.22	42.44 1.62 -13.38	41.62 1.86 -7.69
ARTHUR_KILL_3 23513	40.63 2.15 -0.07	38.41 1.66 -4.91	36.89 1.39 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.63 1.82 0.00	44.96 2.06 0.00	46.92 2.34 -4.84	44.52 2.63 -3.19	40.16 2.66 0.00	37.69 2.56 -3.67	39.39 2.46 0.00	37.69 2.44 -2.23	42.40 2.40 -6.75	42.52 2.41 -7.14	48.49 2.57 -10.30	57.91 2.53 -18.18	64.95 2.42 -25.25	59.77 2.49 -20.19	54.00 2.50 -15.74	49.58 2.22 -13.14	46.61 2.04 -12.22	42.55 1.73 -13.38	41.65 1.89 -7.69

ARTHUR_KILL_COGEN 323718	40.78 2.30 -0.07	38.48 1.72 -4.91	36.92 1.42 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.51 1.71 0.00	44.78 1.89 0.00	46.68 2.10 -4.84	44.21 2.32 -3.19	39.79 2.29 0.00	37.34 2.21 0.00	39.12 2.19 -3.67	37.39 2.15 -2.23	42.10 2.10 -6.74	42.25 2.14 -7.14	48.32 2.39 -10.30	57.68 2.31 -18.18	64.80 2.27 -25.25	59.63 2.34 -20.19	53.90 2.40 -15.74	49.38 2.02 -13.14	46.55 1.97 -12.22	42.52 1.70 -13.38	41.71 1.96 -7.69
ASHOKAN____ 23654	40.33 1.84 -0.08	37.37 0.19 -5.32	36.43 0.19 -9.50	35.45 0.21 -5.91	36.69 0.26 -3.97	40.63 1.82 0.00	44.74 1.84 0.00	45.27 0.28 -5.25	42.39 0.23 -3.46	38.59 1.09 0.00	35.87 0.74 0.00	35.83 0.77 -1.81	35.03 0.79 -1.22	37.64 -0.07 -4.45	40.32 0.03 -7.31	46.98 0.18 -11.17	57.22 0.30 -19.72	65.17 0.48 -27.41	59.53 0.52 -21.92	53.31 0.46 -17.09	48.93 0.44 -14.27	45.84 0.23 -13.26	42.10 0.14 -14.52	40.67 0.26 -8.35
ASTORIA_EAST_ENERGY_CC1 323581	40.86 2.38 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.78 1.65 -3.66	40.59 1.79 0.00	44.78 1.89 0.01	46.76 2.18 -4.83	44.39 2.51 -3.18	40.04 2.55 0.01	37.65 2.53 0.01	39.38 2.46 -3.66	37.65 2.41 -2.22	42.29 2.29 -6.74	42.41 2.31 -7.13	48.41 2.49 -10.29	57.71 2.34 -18.17	64.79 2.27 -25.24	59.58 2.30 -20.18	53.89 2.40 -15.74	49.44 2.09 -13.14	46.47 1.91 -12.21	42.43 1.62 -13.37	41.65 1.89 -7.69
ASTORIA_EAST_ENERGY_CC2 323582	40.86 2.38 -0.07	38.51 1.75 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.73 1.84 0.01	46.76 2.18 -4.83	44.43 2.55 -3.18	40.04 2.55 0.01	37.65 2.53 0.01	39.38 2.46 -3.66	37.65 2.41 -2.22	42.32 2.33 -6.74	42.41 2.31 -7.13	48.41 2.49 -10.29	57.75 2.38 -18.17	64.79 2.27 -25.24	59.62 2.34 -20.18	53.89 2.40 -15.74	49.47 2.12 -13.14	46.47 1.91 -12.21	42.40 1.59 -13.37	41.62 1.86 -7.69
ASTORIA_GT2_1 24094	40.90 2.42 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.78 1.66 -3.66	40.63 1.82 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.42 2.49 -10.30	57.76 2.38 -18.18	64.80 2.27 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT2_2 24095	40.90 2.42 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.78 1.66 -3.66	40.63 1.82 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.42 2.49 -10.30	57.76 2.38 -18.18	64.80 2.27 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT2_3 24096	40.90 2.42 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.78 1.66 -3.66	40.63 1.82 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.42 2.49 -10.30	57.76 2.38 -18.18	64.80 2.27 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT2_4 24097	40.90 2.42 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.78 1.66 -3.66	40.63 1.82 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.42 2.49 -10.30	57.76 2.38 -18.18	64.80 2.27 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT3_1 24098	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT3_2 24099	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT3_3 24100	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT3_4 24101	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT4_1 24102	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT4_2 24103	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT4_3 24104	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69

ASTORIA_GT4_4 24105	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.79 1.89 0.00	46.76 2.19 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.33 2.33 -6.74	42.42 2.31 -7.14	48.46 2.53 -10.30	57.76 2.38 -18.18	64.84 2.31 -25.25	59.62 2.34 -20.19	53.93 2.43 -15.74	49.48 2.12 -13.14	46.51 1.94 -12.22	42.44 1.62 -13.38	41.65 1.89 -7.69
ASTORIA_GT_1 23523	40.94 2.46 -0.07	38.60 1.85 -4.91	37.05 1.55 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.86 1.97 0.01	46.83 2.26 -4.83	44.51 2.63 -3.18	40.12 2.62 0.01	37.72 2.60 0.01	39.45 2.53 -3.66	37.72 2.48 -2.22	42.36 2.36 -6.74	42.48 2.38 -7.13	48.49 2.57 -10.29	57.82 2.45 -18.17	64.87 2.35 -25.24	59.69 2.41 -20.18	53.99 2.50 -15.74	49.54 2.19 -13.14	46.54 1.97 -12.21	42.48 1.67 -13.37	41.71 1.96 -7.69
ASTORIA_GT_10 24110	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
ASTORIA_GT_11 24225	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
ASTORIA_GT_12 24226	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
ASTORIA_GT_13 24227	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
ASTORIA_GT_5 24106	40.94 2.46 -0.07	38.60 1.85 -4.91	37.05 1.55 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.87 1.97 0.00	46.84 2.27 -4.84	44.52 2.63 -3.19	40.13 2.63 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.49 2.57 -10.30	57.83 2.46 -18.18	64.91 2.39 -25.25	59.70 2.41 -20.19	54.00 2.50 -15.74	49.55 2.19 -13.14	46.58 2.01 -12.22	42.49 1.67 -13.38	41.71 1.96 -7.69
ASTORIA_GT_7 24107	40.94 2.46 -0.07	38.60 1.85 -4.91	37.05 1.55 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.87 1.97 0.00	46.84 2.27 -4.84	44.52 2.63 -3.19	40.13 2.63 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.49 2.57 -10.30	57.83 2.46 -18.18	64.91 2.39 -25.25	59.70 2.41 -20.19	54.00 2.50 -15.74	49.55 2.19 -13.14	46.58 2.01 -12.22	42.49 1.67 -13.38	41.71 1.96 -7.69
ASTORIA_GT_8 24108	40.94 2.46 -0.07	38.60 1.85 -4.91	37.05 1.55 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.87 1.97 0.00	46.84 2.27 -4.84	44.52 2.63 -3.19	40.13 2.63 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.49 2.57 -10.30	57.83 2.46 -18.18	64.91 2.39 -25.25	59.70 2.41 -20.19	54.00 2.50 -15.74	49.55 2.19 -13.14	46.58 2.01 -12.22	42.49 1.67 -13.38	41.71 1.96 -7.69
ASTORIA___2 24149	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.78 1.89 0.01	46.76 2.18 -4.83	44.43 2.55 -3.18	40.04 2.55 0.01	37.65 2.53 0.01	39.38 2.46 -3.66	37.65 2.41 -2.22	42.32 2.33 -6.74	42.41 2.31 -7.13	48.41 2.49 -10.29	57.75 2.38 -18.17	64.83 2.31 -25.24	59.62 2.34 -20.18	53.93 2.43 -15.74	49.47 2.12 -13.14	46.51 1.94 -12.21	42.43 1.62 -13.37	41.65 1.89 -7.69
ASTORIA___3 23516	40.86 2.38 -0.07	38.57 1.81 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.42 2.50 -3.67	37.73 2.48 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
ASTORIA___4 23517	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
ASTORIA___5 23518	40.86 2.38 -0.07	38.57 1.81 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.42 2.50 -3.67	37.73 2.48 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
AST_ENERGY_2_CC3 323677	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.43 2.50 -3.67	37.69 2.44 -2.23	42.40 2.40 -6.75	42.52 2.41 -7.14	48.46 2.53 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.97 2.47 -15.74	49.55 2.19 -13.14	46.65 2.07 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
AST_ENERGY_2_CC4 323678	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.43 2.50 -3.67	37.69 2.44 -2.23	42.40 2.40 -6.75	42.52 2.41 -7.14	48.46 2.53 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.97 2.47 -15.74	49.55 2.19 -13.14	46.65 2.07 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69

ATHENS_STG_1 23668	39.71 1.23 -0.08	38.08 0.95 -5.27	36.99 0.83 -9.41	36.07 0.88 -5.86	37.37 0.97 -3.94	39.93 1.13 0.00	44.14 1.24 0.00	46.30 1.35 -5.20	43.56 1.43 -3.43	38.89 1.39 0.00	36.43 1.30 0.00	36.17 1.26 -1.65	35.40 1.25 -1.13	38.71 1.23 -4.22	41.41 1.22 -7.22	48.02 1.32 -11.07	58.07 1.34 -19.54	65.77 1.34 -27.15	60.14 1.33 -21.71	54.01 1.32 -16.93	49.58 1.23 -14.14	46.59 1.10 -13.14	42.76 0.93 -14.38	41.36 1.03 -8.27
ATHENS_STG_2 23670	39.71 1.23 -0.08	38.08 0.95 -5.27	36.99 0.83 -9.41	36.07 0.88 -5.86	37.37 0.97 -3.94	39.93 1.13 0.00	44.14 1.24 0.00	46.30 1.35 -5.20	43.56 1.43 -3.43	38.89 1.39 0.00	36.43 1.30 0.00	36.17 1.26 -1.65	35.40 1.25 -1.13	38.71 1.23 -4.22	41.41 1.22 -7.22	48.02 1.32 -11.07	58.07 1.34 -19.54	65.77 1.34 -27.15	60.14 1.33 -21.71	54.01 1.32 -16.93	49.58 1.23 -14.14	46.59 1.10 -13.14	42.76 0.93 -14.38	41.36 1.03 -8.27
ATHENS_STG_3 23677	39.71 1.23 -0.08	38.08 0.95 -5.27	36.99 0.83 -9.41	36.07 0.88 -5.86	37.37 0.97 -3.94	39.93 1.13 0.00	44.14 1.24 0.00	46.30 1.35 -5.20	43.56 1.43 -3.43	38.89 1.39 0.00	36.43 1.30 0.00	36.17 1.26 -1.65	35.40 1.25 -1.13	38.71 1.23 -4.22	41.41 1.22 -7.22	48.02 1.32 -11.07	58.07 1.34 -19.54	65.77 1.34 -27.15	60.14 1.33 -21.71	54.01 1.32 -16.93	49.58 1.23 -14.14	46.59 1.10 -13.14	42.76 0.93 -14.38	41.36 1.03 -8.27
AUBURN___LFGE 323710	37.99 -0.42 -0.01	32.02 -0.41 -0.58	27.43 -0.35 -1.04	29.63 -0.35 -0.65	32.50 -0.39 -0.43	38.46 -0.35 0.00	42.64 -0.26 0.00	40.00 -0.32 -0.57	38.73 -0.35 -0.38	37.24 -0.26 0.00	34.85 -0.28 0.00	32.96 -0.30 0.00	32.75 -0.30 -0.02	33.19 -0.30 -0.23	33.43 -0.30 -0.76	36.86 -0.29 -1.51	39.76 -0.11 -2.67	40.23 -0.04 -2.99	39.49 0.00 -2.39	37.58 -0.04 -1.86	35.67 -0.10 -1.56	34.08 -0.06 -1.80	28.94 -0.08 -1.58	32.88 -0.10 -0.91
BABYLON_RES_REC 323704	41.21 2.73 -0.07	38.83 2.07 -4.91	37.03 1.52 -8.76	36.40 1.61 -5.45	37.84 1.72 -3.66	40.94 2.13 0.00	45.69 2.79 0.00	47.81 3.22 -4.85	45.06 3.17 -3.19	40.54 3.04 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.76 2.79 -7.71	45.10 2.87 -9.27	54.54 3.06 -15.85	69.94 3.05 -29.69	72.80 3.02 -32.51	71.03 3.04 -30.89	64.62 3.08 -25.79	63.96 2.77 -26.97	60.33 2.56 -25.42	50.37 2.22 -20.71	44.30 2.53 -9.70
BABYLON__69_KV_BK2 356345	41.59 3.11 -0.07	39.11 2.36 -4.91	37.19 1.68 -8.76	36.63 1.85 -5.45	38.10 1.98 -3.66	41.25 2.44 0.00	46.07 3.17 0.00	48.17 3.58 -4.85	45.41 3.52 -3.19	40.80 3.30 0.00	38.54 3.41 -0.01	40.12 3.19 -3.67	38.36 3.10 -2.23	44.08 3.13 -7.69	45.39 3.20 -9.22	54.78 3.42 -15.73	70.14 3.50 -29.45	73.10 3.47 -32.35	71.25 3.47 -30.67	64.80 3.47 -25.58	64.05 3.15 -26.68	60.44 2.94 -25.15	50.49 2.50 -20.56	44.58 2.85 -9.66
BALL_HILL_WT_PWR 323825	35.96 -2.46 -0.01	29.94 -2.64 -0.73	25.93 -2.11 -1.30	27.85 -2.29 -0.81	30.31 -2.69 -0.54	36.44 -2.37 0.00	39.98 -2.92 0.00	36.91 -3.42 -0.59	35.87 -3.21 -0.39	35.36 -2.14 0.00	32.92 -2.21 0.00	30.80 -2.46 0.00	30.35 -2.71 -0.03	30.50 -2.99 -0.23	30.58 -3.17 -0.78	32.67 -3.46 -0.50	34.68 -3.38 -0.87	37.08 -3.24 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.65 -3.15 -1.59	30.03 -2.91 -0.59	26.58 -2.47 -1.61	30.30 -2.69 -0.93
BARON_WINDS___WT_PWR 323822	36.77 -1.65 -0.01	30.98 -1.88 -1.01	27.10 -1.44 -1.80	28.90 -1.56 -1.12	31.43 -1.79 -0.75	37.37 -1.44 0.00	41.22 -1.67 0.00	38.68 -1.99 -0.93	37.49 -1.82 -0.61	36.45 -1.05 0.00	33.93 -1.19 0.00	31.83 -1.43 0.00	31.41 -1.65 -0.04	31.70 -1.93 -0.37	32.12 -2.08 -1.23	33.60 -2.24 -0.21	35.35 -2.19 -0.34	40.17 -1.94 -4.83	39.21 -1.74 -3.86	37.02 -1.75 -3.01	34.82 -1.92 -2.52	30.65 -1.94 -0.24	28.35 -1.65 -2.56	31.65 -1.89 -1.47
BARRETT_IC_1 23704	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_10 23701	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_11 23702	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_12 23703	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_2 23705	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_3 23706	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_4 23707	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55

BARRETT_IC_5 23708	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_6 23709	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_7 23710	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.13 2.63 0.00	37.84 2.70 -0.01	39.43 2.49 -3.67	37.73 2.48 -2.23	43.29 2.39 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.56 2.37 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.86 2.07 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_8 23711	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT_IC_9 23700	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT___1 23545	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BARRETT___2 23546	40.86 2.38 -0.07	38.54 1.78 -4.91	36.81 1.31 -8.76	36.19 1.41 -5.45	37.62 1.49 -3.66	40.63 1.82 0.00	45.26 2.36 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.16 2.66 0.00	37.81 2.67 -0.01	39.43 2.50 -3.67	37.73 2.48 -2.23	43.29 2.40 -7.64	44.52 2.44 -9.11	53.66 2.60 -15.43	68.41 2.38 -28.83	71.59 2.35 -31.96	69.57 2.38 -30.09	63.23 2.43 -25.04	62.38 2.22 -25.94	58.83 2.04 -24.44	49.44 1.84 -20.16	43.70 2.08 -9.55
BATAVIA___115KV_TB1 55881	36.00 -2.42 -0.01	30.41 -2.07 -0.63	26.16 -1.71 -1.12	28.27 -1.76 -0.70	30.85 -2.08 -0.47	36.67 -2.13 0.00	40.24 -2.66 0.00	37.58 -2.70 -0.54	36.62 -2.44 -0.36	35.51 -1.99 0.00	32.99 -2.14 0.00	31.13 -2.13 0.00	30.80 -2.25 -0.03	31.08 -2.39 -0.22	31.18 -2.51 -0.72	33.53 -2.64 -0.54	35.76 -2.38 -0.94	37.71 -2.39 -2.82	37.20 -2.15 -2.25	35.55 -1.97 -1.76	33.36 -2.33 -1.47	30.82 -2.17 -0.64	27.07 -1.87 -1.49	31.10 -1.83 -0.86
BAYONEEC___CTG1 323682	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG10 323750	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG2 323683	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG3 323684	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG4 323685	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG5 323686	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG6 323687	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69

BAYONEEC___CTG7 323688	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG8 323689	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BAYONEEC___CTG9 323749	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
BEACON___LESR 323632	40.03 1.54 -0.08	38.95 1.28 -5.82	38.18 1.04 -10.39	37.00 1.20 -6.47	38.10 1.30 -4.35	40.40 1.59 0.00	44.36 1.46 0.00	46.91 1.43 -5.74	43.83 1.35 -3.78	38.85 1.35 0.00	36.43 1.30 0.00	35.83 1.33 -1.24	35.27 1.32 -0.92	38.42 1.26 -3.89	42.01 1.19 -7.85	48.92 1.07 -12.22	59.96 1.19 -21.57	68.45 1.19 -29.97	62.25 1.19 -23.97	55.56 1.11 -18.69	50.88 1.06 -15.60	47.76 0.90 -14.50	44.12 0.80 -15.88	42.06 0.87 -9.13
BEAVER RIVER___HYD 24048	37.91 -0.50 0.00	31.78 -0.26 -0.18	26.67 -0.40 -0.33	29.15 -0.38 -0.20	32.33 -0.26 -0.14	38.62 -0.19 0.00	42.94 0.04 0.00	40.32 0.40 -0.18	38.55 -0.27 -0.12	36.64 -0.86 0.00	33.97 -1.16 0.00	31.96 -1.30 0.00	31.87 -1.16 -0.01	32.17 -1.17 -0.07	32.25 -0.96 -0.24	35.30 -0.71 -0.38	37.24 -0.63 -0.68	37.81 -0.41 -0.94	37.29 -0.56 -0.75	35.59 -0.75 -0.59	34.19 -0.51 -0.49	31.90 -0.91 -0.46	27.06 -0.88 -0.50	31.36 -0.99 -0.29
BEEBEE_GT_13 23619	36.38 -2.04 -0.01	30.90 -1.50 -0.54	26.49 -1.23 -0.97	28.68 -1.26 -0.60	31.40 -1.46 -0.41	36.98 -1.82 0.00	40.67 -2.23 0.00	38.22 -2.07 -0.55	37.20 -1.86 -0.36	35.78 -1.73 0.00	33.41 -1.72 0.00	31.60 -1.66 0.00	31.36 -1.68 -0.02	31.78 -1.70 -0.22	31.95 -1.75 -0.73	34.27 -1.92 -0.56	36.51 -1.67 -0.98	38.36 -1.79 -2.87	37.79 -1.60 -2.29	36.11 -1.43 -1.79	34.00 -1.71 -1.49	31.46 -1.55 -0.66	27.64 -1.32 -1.52	31.69 -1.25 -0.87
BENSHRST_27_KV_BENSHRST_1 355998	41.01 2.53 -0.07	38.67 1.91 -4.91	37.08 1.58 -8.76	36.40 1.61 -5.45	37.91 1.79 -3.66	40.79 1.98 0.00	45.13 2.23 0.00	47.04 2.46 -4.84	44.63 2.75 -3.19	40.24 2.74 0.00	37.80 2.67 0.00	39.52 2.59 -3.67	37.79 2.54 -2.23	42.50 2.49 -6.74	42.62 2.51 -7.14	48.71 2.78 -10.30	58.09 2.72 -18.18	65.17 2.65 -25.25	60.00 2.71 -20.19	54.25 2.75 -15.74	49.72 2.36 -13.14	46.84 2.26 -12.22	42.74 1.92 -13.38	41.91 2.15 -7.69
BETHLEHEM___GRP 23843	39.61 1.11 -0.08	38.60 0.92 -5.83	37.92 0.78 -10.40	36.71 0.91 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.76 0.86 0.00	46.32 0.83 -5.75	43.30 0.81 -3.79	38.40 0.90 0.00	36.04 0.91 0.00	35.41 0.93 -1.22	34.86 0.92 -0.92	38.00 0.86 -3.88	41.62 0.79 -7.85	48.39 0.53 -12.23	59.31 0.52 -21.59	67.80 0.52 -30.00	61.61 0.52 -23.99	54.96 0.50 -18.71	50.31 0.48 -15.62	47.22 0.36 -14.51	43.69 0.36 -15.89	41.59 0.38 -9.14
BETHLEHEM___GS1 323560	39.61 1.11 -0.08	38.60 0.92 -5.83	37.92 0.78 -10.40	36.72 0.91 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.76 0.86 0.00	46.32 0.84 -5.75	43.30 0.81 -3.79	38.40 0.90 0.00	36.04 0.91 0.00	35.41 0.93 -1.22	34.86 0.92 -0.92	38.00 0.86 -3.88	41.58 0.76 -7.85	48.39 0.54 -12.23	59.30 0.52 -21.59	67.80 0.52 -30.00	61.61 0.52 -23.99	54.96 0.50 -18.71	50.31 0.48 -15.62	47.22 0.36 -14.51	43.69 0.36 -15.89	41.59 0.39 -9.14
BETHLEHEM___GS2 323561	39.61 1.11 -0.08	38.60 0.92 -5.83	37.92 0.78 -10.40	36.72 0.91 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.76 0.86 0.00	46.32 0.84 -5.75	43.30 0.81 -3.79	38.40 0.90 0.00	36.04 0.91 0.00	35.41 0.93 -1.22	34.86 0.92 -0.92	38.00 0.86 -3.88	41.58 0.76 -7.85	48.39 0.54 -12.23	59.30 0.52 -21.59	67.80 0.52 -30.00	61.61 0.52 -23.99	54.96 0.50 -18.71	50.31 0.48 -15.62	47.22 0.36 -14.51	43.69 0.36 -15.89	41.59 0.39 -9.14
BETHLEHEM___GS3 323562	39.61 1.11 -0.08	38.60 0.92 -5.83	37.92 0.78 -10.40	36.72 0.91 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.76 0.86 0.00	46.32 0.84 -5.75	43.30 0.81 -3.79	38.40 0.90 0.00	36.04 0.91 0.00	35.41 0.93 -1.22	34.86 0.92 -0.92	38.00 0.86 -3.88	41.58 0.76 -7.85	48.39 0.54 -12.23	59.30 0.52 -21.59	67.80 0.52 -30.00	61.61 0.52 -23.99	54.96 0.50 -18.71	50.31 0.48 -15.62	47.22 0.36 -14.51	43.69 0.36 -15.89	41.59 0.39 -9.14
BETHLEHEM___STEEL 23779	35.85 -2.57 -0.01	29.90 -2.68 -0.73	25.90 -2.14 -1.29	27.79 -2.35 -0.81	30.27 -2.73 -0.54	36.40 -2.41 0.00	39.90 -3.00 0.00	36.83 -3.50 -0.59	35.83 -3.25 -0.39	35.33 -2.18 0.00	32.77 -2.35 0.00	30.83 -2.43 0.00	30.41 -2.64 -0.03	30.53 -2.96 -0.23	30.61 -3.13 -0.77	32.79 -3.35 -0.51	34.81 -3.27 -0.89	37.15 -3.17 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.69 -3.11 -1.58	30.08 -2.88 -0.60	26.61 -2.44 -1.61	30.34 -2.66 -0.93
BETHLHEM_115KV_TB1 79974	39.57 1.08 -0.08	38.60 0.92 -5.82	37.91 0.78 -10.39	36.68 0.88 -6.47	37.75 0.94 -4.35	39.93 1.13 0.00	43.80 0.90 0.00	46.40 0.91 -5.74	43.33 0.85 -3.78	38.44 0.94 0.00	36.08 0.95 0.00	35.41 0.93 -1.22	34.89 0.96 -0.91	38.03 0.90 -3.87	41.64 0.82 -7.85	48.46 0.61 -12.22	59.40 0.63 -21.57	67.89 0.63 -29.98	61.70 0.63 -23.98	55.02 0.57 -18.69	50.37 0.55 -15.61	47.31 0.45 -14.50	43.73 0.41 -15.88	41.65 0.45 -9.13
BETHPAGE_CC_5 323564	41.17 2.69 -0.07	38.80 2.04 -4.91	37.00 1.50 -8.76	36.40 1.61 -5.45	37.84 1.72 -3.66	40.94 2.13 0.00	45.65 2.75 0.00	47.69 3.10 -4.85	45.02 3.13 -3.19	40.50 3.00 0.00	38.16 3.02 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.82 2.79 -7.77	45.10 2.74 -9.39	54.69 2.88 -16.18	70.37 2.79 -30.38	72.94 2.72 -32.94	71.37 2.74 -31.53	64.94 2.79 -26.39	64.52 2.50 -27.80	60.86 2.30 -26.21	50.65 2.06 -21.15	44.26 2.37 -9.82
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.00 -2.42 -0.01	29.85 -2.74 -0.73	25.84 -2.22 -1.31	27.74 -2.41 -0.82	30.18 -2.82 -0.55	36.52 -2.29 0.00	40.07 -2.83 0.00	36.88 -3.46 -0.60	35.88 -3.21 -0.39	35.48 -2.03 0.00	32.95 -2.29 0.00	30.96 -2.58 0.00	30.48 -2.96 -0.03	30.54 -3.07 -0.24	30.69 -3.07 -0.79	32.87 -3.28 -0.51	34.82 -3.27 -0.89	37.28 -3.09 -3.09	36.64 -2.93 -2.47	34.83 -2.86 -1.93	32.82 -3.01 -1.61	30.11 -2.85 -0.61	26.64 -2.44 -1.64	30.29 -2.73 -0.95

BINGHAMTON___COGEN 23790	38.32 -0.12 -0.02	33.04 -0.32 -1.51	29.20 -0.24 -2.69	30.74 -0.26 -1.68	33.26 -0.32 -1.13	38.73 -0.08 0.00	42.81 -0.09 0.00	41.01 -0.20 -1.47	39.55 -0.12 -0.97	37.69 0.19 0.00	35.20 0.07 0.00	32.74 0.00 0.52	32.73 -0.07 0.22	33.02 -0.13 0.10	34.68 -0.13 -1.84	38.69 -0.11 -3.17	42.71 -0.07 -5.59	44.96 0.04 -7.65	43.28 0.07 -6.11	40.56 0.04 -4.77	38.16 -0.03 -3.98	36.04 -0.06 -3.76	31.41 -0.08 -4.05	34.24 -0.16 -2.33
BIXINCNT_115KV_LOAD 355685	36.08 -2.34 -0.01	29.54 -3.09 -0.77	25.64 -2.49 -1.38	27.41 -2.79 -0.86	29.76 -3.28 -0.58	36.64 -2.17 0.00	40.24 -2.66 0.00	36.89 -3.50 -0.64	35.83 -3.29 -0.43	35.66 -1.84 0.00	33.09 -2.04 0.00	30.83 -2.43 0.00	30.05 -3.01 -0.03	30.02 -3.49 -0.26	30.16 -3.66 -0.85	32.36 -3.78 -0.51	34.06 -4.02 -0.88	37.08 -3.54 -3.34	36.47 -3.30 -2.67	34.55 -3.29 -2.09	32.74 -3.22 -1.74	29.75 -3.20 -0.60	26.39 -2.83 -1.77	29.75 -3.34 -1.02
BLACK RIVER___HYD 24047	37.87 -0.54 0.00	31.75 -0.35 -0.24	26.73 -0.45 -0.44	29.13 -0.47 -0.27	32.22 -0.42 -0.18	38.54 -0.27 0.00	42.86 -0.04 0.00	40.18 0.20 -0.24	38.54 -0.31 -0.16	36.71 -0.79 0.00	34.11 -1.02 0.00	32.09 -1.16 0.00	32.04 -0.99 -0.01	32.36 -1.00 -0.09	32.40 -0.89 -0.32	35.54 -0.61 -0.51	37.70 -0.41 -0.90	38.42 -0.11 -1.26	37.92 -0.18 -1.01	36.18 -0.36 -0.78	34.73 -0.14 -0.65	32.47 -0.48 -0.61	27.53 -0.58 -0.67	31.78 -0.67 -0.38
BLACKRVR_115KV_TB2 79977	37.91 -0.50 0.00	31.75 -0.35 -0.24	26.73 -0.45 -0.44	29.13 -0.47 -0.27	32.22 -0.42 -0.18	38.54 -0.27 0.00	42.86 -0.04 0.00	40.18 0.20 -0.24	38.55 -0.31 -0.16	36.71 -0.79 0.00	34.11 -1.02 0.00	32.09 -1.16 0.00	32.04 -0.99 -0.01	32.36 -1.00 -0.09	32.40 -0.89 -0.32	35.54 -0.61 -0.51	37.69 -0.41 -0.90	38.42 -0.11 -1.26	37.92 -0.19 -1.01	36.18 -0.36 -0.78	34.73 -0.14 -0.65	32.47 -0.49 -0.61	27.53 -0.58 -0.67	31.78 -0.67 -0.38
BLISS_WT_PWR 323608	36.12 -2.30 -0.01	29.51 -3.12 -0.77	25.61 -2.52 -1.38	27.35 -2.84 -0.86	29.66 -3.38 -0.58	36.56 -2.25 0.00	40.20 -2.70 0.00	36.81 -3.58 -0.64	35.76 -3.37 -0.43	35.55 -1.95 0.00	33.13 -2.00 0.00	30.66 -2.59 0.00	29.88 -3.17 -0.03	29.82 -3.69 -0.26	29.93 -3.89 -0.85	32.01 -4.13 -0.51	33.73 -4.35 -0.88	36.82 -3.80 -3.34	36.28 -3.49 -2.67	34.37 -3.47 -2.09	32.61 -3.35 -1.74	29.55 -3.40 -0.60	26.25 -2.96 -1.77	29.63 -3.46 -1.02
BLUESTONE___WT_PWR 323821	40.20 1.77 -0.02	34.71 1.24 -1.62	30.60 0.96 -2.89	32.16 1.03 -1.80	34.80 1.14 -1.21	40.63 1.82 0.00	45.00 2.10 0.00	43.31 1.99 -1.58	41.75 2.01 -1.04	39.56 2.06 0.00	36.92 1.79 0.00	34.25 1.53 0.54	34.41 1.62 0.23	34.83 1.66 0.09	36.64 1.68 -1.99	41.82 2.14 -4.05	46.82 2.45 -7.17	48.10 2.57 -8.25	46.11 2.41 -6.60	43.12 2.22 -5.15	40.74 2.22 -4.30	38.98 1.81 -4.81	33.21 1.40 -4.37	36.12 1.54 -2.51
BLUE_CIRC_CHEM_DRP 24182	39.76 1.27 -0.08	38.67 1.08 -5.74	37.87 0.88 -10.24	36.74 1.03 -6.38	37.85 1.10 -4.29	40.13 1.32 0.00	44.14 1.24 0.00	46.56 1.15 -5.66	43.43 1.01 -3.73	38.48 0.98 0.00	36.04 0.91 0.00	35.47 0.93 -1.28	34.89 0.92 -0.95	38.12 0.93 -3.92	41.62 0.89 -7.75	48.57 0.89 -12.05	59.39 0.93 -21.26	67.80 0.97 -29.55	61.69 0.96 -23.63	55.11 0.93 -18.43	50.49 0.89 -15.39	47.42 0.78 -14.30	43.78 0.69 -15.66	41.84 0.77 -9.00
BOC_GAS_DRP 24189	39.45 0.96 -0.08	38.45 0.80 -5.80	37.77 0.67 -10.35	36.51 0.73 -6.44	37.60 0.81 -4.33	39.74 0.93 0.00	43.84 0.94 0.00	46.42 0.95 -5.72	43.43 0.97 -3.77	38.44 0.94 0.00	36.04 0.91 0.00	35.34 0.90 -1.19	34.81 0.89 -0.89	37.94 0.86 -3.82	41.64 0.86 -7.81	48.63 0.82 -12.18	59.51 0.82 -21.49	67.97 0.82 -29.87	61.80 0.82 -23.89	55.17 0.79 -18.63	50.52 0.75 -15.55	47.45 0.65 -14.45	43.84 0.58 -15.82	41.81 0.64 -9.10
BOONVILLE_115KV_TB1 79983	38.91 0.50 0.00	32.45 0.45 -0.15	27.28 0.27 -0.27	29.82 0.32 -0.17	32.96 0.39 -0.11	39.43 0.62 0.00	43.71 0.82 0.00	40.80 0.91 -0.15	39.38 0.58 -0.10	37.80 0.30 0.00	35.23 0.11 0.00	33.22 -0.03 0.00	33.09 0.07 -0.01	33.42 0.10 -0.06	33.37 0.20 -0.20	36.38 0.43 -0.32	38.32 0.56 -0.56	38.73 0.67 -0.78	38.28 0.56 -0.62	36.67 0.43 -0.49	35.14 0.51 -0.41	32.96 0.23 -0.38	27.96 0.11 -0.41	32.40 0.10 -0.24
BORALEX_4TH_BRANCH 23824	40.45 1.96 -0.08	39.31 1.66 -5.81	38.53 1.42 -10.37	37.37 1.58 -6.45	38.55 1.75 -4.34	40.90 2.10 0.00	45.39 2.49 0.00	47.94 2.46 -5.73	44.83 2.36 -3.77	39.68 2.18 0.00	37.02 1.90 0.00	36.52 1.90 -1.36	35.86 1.85 -0.99	39.21 1.90 -4.06	42.64 1.81 -7.86	49.92 2.10 -12.19	61.10 2.38 -21.52	69.57 2.39 -29.91	63.39 2.37 -23.92	56.55 2.15 -18.65	51.91 2.12 -15.57	48.70 1.88 -14.47	44.85 1.56 -15.84	43.00 1.83 -9.11
BOWLINE___1 23526	40.28 1.81 -0.07	38.04 1.40 -4.79	36.47 1.18 -8.55	35.85 1.20 -5.32	37.40 1.36 -3.58	40.36 1.55 0.00	44.70 1.80 0.00	46.45 1.99 -4.72	44.05 2.24 -3.11	39.75 2.25 0.00	37.27 2.14 0.00	39.78 2.03 -4.49	37.71 2.01 -2.68	43.04 2.00 -7.79	42.13 2.01 -7.15	47.85 2.17 -10.05	57.09 2.16 -17.74	64.08 2.16 -24.64	58.99 2.19 -19.70	53.26 2.15 -15.36	48.99 1.95 -12.83	46.02 1.75 -11.93	41.95 1.45 -13.05	41.21 1.63 -7.50
BOWLINE___2 23595	40.28 1.81 -0.07	38.04 1.40 -4.79	36.47 1.18 -8.55	35.86 1.20 -5.32	37.40 1.36 -3.58	40.36 1.55 0.00	44.70 1.80 0.00	46.45 1.99 -4.72	44.05 2.24 -3.11	39.75 2.25 0.00	37.27 2.14 0.00	39.78 2.03 -4.49	37.71 2.01 -2.67	43.03 2.00 -7.78	42.13 2.01 -7.15	47.85 2.17 -10.05	57.10 2.16 -17.74	64.08 2.16 -24.64	58.99 2.19 -19.70	53.27 2.15 -15.36	48.99 1.95 -12.83	46.02 1.75 -11.93	41.95 1.45 -13.05	41.21 1.63 -7.50
BRADY___115KV_TB2 356060	37.68 -0.73 0.00	31.81 -0.13 -0.08	26.44 -0.45 -0.15	29.04 -0.38 -0.09	32.55 0.03 -0.06	38.61 -0.19 0.00	43.28 0.39 0.00	40.94 1.11 -0.08	38.79 0.04 -0.05	36.41 -1.09 0.00	33.65 -1.48 0.00	31.73 -1.53 0.00	31.67 -1.35 0.00	31.90 -1.40 -0.03	31.93 -1.15 -0.11	34.95 -0.86 -0.18	36.28 -1.23 -0.31	36.48 -1.23 -0.43	35.74 -1.71 -0.35	33.99 -2.04 -0.27	32.83 -1.61 -0.23	30.26 -2.30 -0.21	25.80 -1.87 -0.23	30.47 -1.73 -0.13
BRANSCOMB___SOLAR 323811	40.41 1.92 -0.09	39.44 1.62 -5.97	38.71 1.31 -10.65	37.46 1.50 -6.63	38.57 1.65 -4.46	40.86 2.06 0.00	45.17 2.27 0.00	47.89 2.26 -5.89	44.63 2.05 -3.88	39.34 1.84 0.00	36.74 1.62 0.00	36.01 1.60 -1.15	35.49 1.59 -0.88	38.73 1.63 -3.84	42.58 1.58 -8.03	50.04 1.89 -12.53	61.39 2.08 -22.11	70.17 2.16 -30.73	63.82 2.15 -24.58	56.88 1.97 -19.16	52.10 1.88 -16.00	48.90 1.68 -14.87	45.15 1.43 -16.28	43.06 1.63 -9.36
BRENTWOD_69_KV_W. BRTWOOD 56703	41.40 2.92 -0.07	38.99 2.23 -4.91	37.08 1.58 -8.76	36.52 1.73 -5.45	37.94 1.82 -3.66	41.06 2.25 0.00	45.86 2.96 0.00	48.01 3.42 -4.85	45.25 3.37 -3.19	40.58 3.08 0.00	38.37 3.23 -0.01	39.96 3.03 -3.67	38.19 2.94 -2.23	43.82 2.93 -7.63	45.14 3.07 -9.10	54.32 3.28 -15.41	69.30 3.31 -28.79	72.46 3.24 -31.94	70.42 3.26 -30.06	64.05 3.29 -25.01	63.05 2.94 -25.90	59.49 2.75 -24.39	49.94 2.36 -20.14	44.31 2.69 -9.55

BRISTLHL_115KV_TB1 79998	37.34 -1.08 -0.01	31.32 -0.89 -0.36	26.65 -0.75 -0.65	28.95 -0.79 -0.41	31.82 -0.91 -0.27	37.72 -1.09 0.00	41.74 -1.16 0.00	38.87 -1.23 -0.36	37.70 -1.24 -0.24	36.34 -1.16 0.00	34.07 -1.05 0.00	32.29 -0.96 0.00	32.05 -0.99 -0.02	32.44 -0.96 -0.14	32.49 -0.96 -0.48	35.36 -1.03 -0.77	37.51 -1.04 -1.35	38.15 -1.01 -1.88	37.63 -0.96 -1.50	36.00 -0.93 -1.17	34.30 -0.89 -0.98	32.55 -0.71 -0.91	27.83 -0.60 -1.00	31.90 -0.74 -0.57
BROOKHAVEN___DRP 24191	41.32 2.84 -0.07	38.89 2.13 -4.91	37.00 1.50 -8.76	36.43 1.64 -5.45	37.84 1.72 -3.66	40.98 2.17 0.00	45.77 2.87 0.00	47.97 3.38 -4.85	45.21 3.33 -3.19	40.50 3.00 0.00	38.30 3.16 -0.01	39.89 2.96 -3.67	38.13 2.87 -2.23	43.77 2.89 -7.62	45.01 2.97 -9.07	53.95 2.99 -15.33	68.90 3.09 -28.61	72.20 3.09 -31.83	70.10 3.12 -29.89	63.72 3.11 -24.85	62.71 2.81 -25.68	59.13 2.59 -24.19	49.80 2.33 -20.03	44.28 2.69 -9.51
BROOKLYN_NAVY_YARD 23515	40.67 2.19 -0.07	38.44 1.69 -4.91	36.92 1.42 -8.76	36.25 1.47 -5.45	37.74 1.62 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.52 2.63 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.43 2.50 -3.67	37.69 2.44 -2.23	42.40 2.40 -6.75	42.52 2.41 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.68 1.92 -7.69
BROOKLYN___ARMY_DRP 323595	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
BROOKVLE_69_KV_TB1 55790	41.09 2.61 -0.07	38.76 2.01 -4.91	37.05 1.55 -8.76	36.43 1.64 -5.45	37.91 1.79 -3.66	40.98 2.17 0.00	45.56 2.66 0.00	47.53 2.94 -4.85	44.94 3.06 -3.19	40.46 2.96 0.00	38.13 2.99 -0.01	39.76 2.83 -3.68	38.03 2.77 -2.24	44.20 2.76 -8.18	46.04 2.77 -10.30	57.14 2.96 -18.55	75.47 2.98 -35.29	76.23 2.91 -36.04	76.13 2.93 -36.10	69.37 2.93 -30.68	70.60 2.67 -33.71	66.66 2.46 -31.85	53.81 2.09 -24.28	45.09 2.34 -10.68
BROOME_2_LFGE 323671	38.32 -0.11 -0.02	33.04 -0.32 -1.51	29.20 -0.24 -2.69	30.74 -0.26 -1.68	33.26 -0.32 -1.13	38.73 -0.08 0.00	42.81 -0.09 0.00	41.01 -0.20 -1.47	39.55 -0.12 -0.97	37.69 0.19 0.00	35.23 0.11 0.00	32.74 0.00 0.52	32.73 -0.07 0.22	33.03 -0.13 0.10	34.68 -0.13 -1.84	38.65 -0.14 -3.17	42.71 -0.07 -5.59	44.96 0.04 -7.65	43.28 0.07 -6.11	40.56 0.04 -4.77	38.16 -0.03 -3.98	36.01 -0.10 -3.76	31.41 -0.08 -4.05	34.27 -0.13 -2.33
BROOME___LFGE 323600	38.32 -0.11 -0.02	33.04 -0.32 -1.51	29.20 -0.24 -2.69	30.74 -0.26 -1.68	33.26 -0.32 -1.13	38.73 -0.08 0.00	42.81 -0.09 0.00	41.01 -0.20 -1.47	39.55 -0.12 -0.97	37.69 0.19 0.00	35.23 0.11 0.00	32.74 0.00 0.52	32.73 -0.07 0.22	33.03 -0.13 0.10	34.68 -0.13 -1.84	38.65 -0.14 -3.17	42.71 -0.07 -5.59	44.96 0.04 -7.65	43.28 0.07 -6.11	40.56 0.04 -4.77	38.16 -0.03 -3.98	36.01 -0.10 -3.76	31.41 -0.08 -4.05	34.27 -0.13 -2.33
BROWNFLS_115KV_TB_3_5 80003	37.57 -0.84 0.00	31.58 -0.41 -0.14	26.39 -0.62 -0.26	28.91 -0.59 -0.16	32.21 -0.36 -0.11	38.30 -0.50 0.00	42.77 -0.13 0.00	40.32 0.44 -0.14	38.40 -0.39 -0.09	36.34 -1.16 0.00	33.65 -1.48 0.00	31.69 -1.56 0.00	31.64 -1.39 -0.01	31.89 -1.43 -0.06	31.94 -1.22 -0.19	34.93 -1.00 -0.30	36.62 -1.12 -0.53	37.01 -1.01 -0.74	36.39 -1.30 -0.59	34.68 -1.54 -0.46	33.40 -1.20 -0.39	31.03 -1.68 -0.36	26.35 -1.48 -0.39	30.75 -1.54 -0.23
BROWNSV1_27_KV_LOAD 356125	40.98 2.50 -0.07	38.70 1.94 -4.91	37.11 1.60 -8.76	36.46 1.67 -5.45	37.97 1.85 -3.66	40.94 2.13 0.00	45.34 2.45 0.00	47.24 2.66 -4.84	44.82 2.94 -3.19	40.46 2.96 0.00	38.01 2.88 0.00	39.66 2.73 -3.67	37.96 2.71 -2.23	42.67 2.66 -6.75	42.78 2.67 -7.14	48.81 2.89 -10.30	58.24 2.86 -18.18	65.32 2.80 -25.25	60.11 2.82 -20.19	54.32 2.82 -15.74	49.89 2.53 -13.14	46.90 2.33 -12.22	42.79 1.98 -13.38	41.94 2.18 -7.69
BURROWS___LYONSDAL 23803	38.72 0.31 0.00	32.33 0.32 -0.16	27.16 0.13 -0.28	29.68 0.18 -0.18	32.84 0.26 -0.12	39.27 0.47 0.00	43.58 0.69 0.00	40.69 0.79 -0.16	39.19 0.39 -0.10	37.54 0.04 0.00	34.92 -0.21 0.00	32.93 -0.33 0.00	32.80 -0.23 -0.01	33.12 -0.20 -0.06	33.11 -0.07 -0.21	36.10 0.14 -0.33	38.08 0.30 -0.59	38.50 0.41 -0.81	38.04 0.30 -0.65	36.41 0.14 -0.51	34.91 0.27 -0.42	32.71 -0.03 -0.39	27.73 -0.14 -0.43	32.16 -0.16 -0.25
CAITHNESS_CC_1 323624	41.25 2.77 -0.07	38.83 2.07 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.78 1.65 -3.66	40.90 2.09 0.00	45.69 2.79 0.00	47.88 3.30 -4.85	45.09 3.21 -3.19	40.50 3.00 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.67 2.79 -7.62	44.94 2.90 -9.07	53.91 2.96 -15.33	68.82 3.01 -28.61	72.09 2.98 -31.83	70.03 3.04 -29.89	63.64 3.04 -24.85	62.63 2.74 -25.68	59.06 2.53 -24.19	49.74 2.28 -20.02	44.18 2.60 -9.51
CALPINE BETH_PAGE_GT4 24209	41.17 2.69 -0.07	38.80 2.04 -4.91	37.00 1.50 -8.76	36.40 1.61 -5.45	37.84 1.72 -3.66	40.94 2.13 0.00	45.64 2.75 0.00	47.69 3.10 -4.85	45.02 3.13 -3.19	40.46 2.96 0.00	38.19 3.06 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.89 2.79 -7.84	45.28 2.77 -9.54	55.15 2.96 -16.56	71.16 2.79 -31.18	73.48 2.76 -33.44	72.15 2.78 -32.28	65.63 2.79 -27.09	65.51 2.53 -28.76	61.81 2.33 -27.13	51.21 2.11 -21.66	44.44 2.41 -9.96
CALPINE_BETH_PAGE_GT_4 323586	41.17 2.69 -0.07	38.80 2.04 -4.91	37.03 1.52 -8.76	36.40 1.61 -5.45	37.84 1.72 -3.66	40.94 2.13 0.00	45.65 2.75 0.00	47.69 3.10 -4.85	45.02 3.13 -3.19	40.50 3.00 0.00	38.16 3.02 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.89 2.79 -7.84	45.28 2.77 -9.54	55.15 2.96 -16.56	71.17 2.79 -31.18	73.48 2.76 -33.44	72.15 2.78 -32.28	65.64 2.79 -27.09	65.48 2.50 -28.76	61.81 2.33 -27.13	51.21 2.11 -21.66	44.44 2.41 -9.96
CALPINE_BP_GT1 23823	41.17 2.69 -0.07	38.80 2.04 -4.91	37.03 1.52 -8.76	36.40 1.61 -5.45	37.84 1.72 -3.66	40.94 2.13 0.00	45.65 2.75 0.00	47.69 3.10 -4.85	45.02 3.13 -3.19	40.50 3.00 0.00	38.16 3.02 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.89 2.79 -7.84	45.28 2.77 -9.54	55.15 2.96 -16.56	71.17 2.79 -31.18	73.48 2.76 -33.44	72.15 2.78 -32.28	65.64 2.79 -27.09	65.48 2.50 -28.76	61.81 2.33 -27.13	51.21 2.11 -21.66	44.44 2.41 -9.96
CALSPAN___DRP 24200	35.85 -2.57 -0.01	29.90 -2.68 -0.73	25.90 -2.14 -1.29	27.79 -2.35 -0.81	30.27 -2.73 -0.54	36.40 -2.41 0.00	39.90 -3.00 0.00	36.83 -3.50 -0.59	35.83 -3.25 -0.39	35.33 -2.18 0.00	32.77 -2.35 0.00	30.83 -2.43 0.00	30.41 -2.64 -0.03	30.53 -2.96 -0.23	30.61 -3.13 -0.77	32.79 -3.35 -0.51	34.81 -3.27 -0.89	37.15 -3.17 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.69 -3.11 -1.58	30.08 -2.88 -0.60	26.61 -2.44 -1.61	30.34 -2.66 -0.93

CALVERTON___SOLAR 323806	41.40 2.92 -0.07	38.95 2.20 -4.91	37.08 1.58 -8.76	36.49 1.70 -5.45	37.91 1.78 -3.66	41.06 2.25 0.00	45.90 3.00 0.00	48.09 3.50 -4.85	45.29 3.41 -3.19	40.69 3.19 0.00	38.33 3.20 -0.01	39.96 3.03 -3.67	38.23 2.97 -2.23	43.84 2.96 -7.62	45.07 3.03 -9.07	53.99 3.03 -15.33	68.97 3.16 -28.61	72.28 3.17 -31.83	70.22 3.23 -29.90	63.79 3.18 -24.85	62.78 2.87 -25.69	59.16 2.62 -24.19	49.88 2.42 -20.03	44.37 2.79 -9.51
CANDIGU_WT_PWR 323617	36.77 -1.65 -0.01	30.98 -1.88 -1.01	27.10 -1.44 -1.80	28.90 -1.56 -1.12	31.43 -1.79 -0.75	37.37 -1.44 0.00	41.22 -1.67 0.00	38.68 -1.99 -0.93	37.49 -1.82 -0.61	36.45 -1.05 0.00	33.93 -1.19 0.00	31.83 -1.43 0.00	31.41 -1.65 -0.04	31.70 -1.93 -0.37	32.12 -2.08 -1.23	33.60 -2.24 -0.21	35.35 -2.19 -0.34	40.17 -1.94 -4.83	39.21 -1.74 -3.86	37.02 -1.75 -3.01	34.82 -1.92 -2.52	30.65 -1.94 -0.24	28.35 -1.65 -2.56	31.65 -1.89 -1.47
CARR STREET_E_SYR 24060	37.76 -0.65 -0.01	31.70 -0.57 -0.42	27.04 -0.45 -0.75	29.30 -0.50 -0.46	32.19 -0.58 -0.31	38.15 -0.66 0.00	42.21 -0.69 0.00	39.36 -0.79 -0.41	38.20 -0.77 -0.27	36.86 -0.64 0.00	34.53 -0.60 0.00	32.69 -0.57 0.00	32.48 -0.56 -0.02	32.86 -0.57 -0.16	32.96 -0.56 -0.55	35.90 -0.61 -0.88	38.15 -0.60 -1.55	38.87 -0.56 -2.15	38.26 -0.56 -1.72	36.56 -0.54 -1.34	34.82 -0.51 -1.12	33.01 -0.39 -1.04	28.22 -0.36 -1.14	32.31 -0.42 -0.66
CARTHAGE___PAPER 23857	37.87 -0.54 0.00	31.75 -0.32 -0.22	26.71 -0.43 -0.39	29.14 -0.44 -0.24	32.27 -0.36 -0.16	38.54 -0.27 0.00	42.94 0.04 0.00	40.32 0.36 -0.22	38.57 -0.27 -0.14	36.64 -0.86 0.00	34.00 -1.13 0.00	31.96 -1.30 0.00	31.87 -1.16 -0.01	32.18 -1.17 -0.09	32.27 -0.99 -0.29	35.38 -0.71 -0.46	37.46 -0.56 -0.82	38.12 -0.30 -1.14	37.60 -0.41 -0.91	35.89 -0.57 -0.71	34.43 -0.38 -0.59	32.16 -0.74 -0.55	27.27 -0.77 -0.60	31.52 -0.90 -0.35
CASSADAGA_WT_PWR 323784	36.19 -2.23 -0.01	30.00 -2.61 -0.76	25.98 -2.11 -1.35	27.92 -2.26 -0.84	30.30 -2.73 -0.57	36.67 -2.13 0.00	40.37 -2.53 0.00	37.15 -3.22 -0.62	36.09 -3.02 -0.41	35.59 -1.91 0.00	33.09 -2.04 0.00	30.83 -2.43 0.00	30.25 -2.81 -0.03	30.18 -3.33 -0.25	30.30 -3.50 -0.82	32.24 -3.88 -0.49	34.10 -3.94 -0.85	37.08 -3.43 -3.23	36.49 -3.19 -2.59	34.66 -3.11 -2.02	32.62 -3.28 -1.69	29.79 -3.14 -0.58	26.47 -2.69 -1.72	29.95 -3.11 -0.99
CE_DUNWOOD___DRP 24194	40.52 2.04 -0.07	38.34 1.59 -4.90	36.82 1.34 -8.74	36.15 1.38 -5.44	37.67 1.56 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.84 2.27 -4.83	44.39 2.52 -3.18	39.98 2.48 0.00	37.52 2.39 0.00	39.26 2.26 -3.74	37.50 2.21 -2.27	42.33 2.23 -6.84	42.32 2.21 -7.14	48.33 2.42 -10.28	57.76 2.42 -18.15	64.87 2.39 -25.20	59.66 2.41 -20.16	53.87 2.40 -15.72	49.49 2.16 -13.12	46.53 1.97 -12.20	42.44 1.65 -13.35	41.57 1.83 -7.68
CE_MILLWOOD___DRP 24193	40.44 1.96 -0.07	38.26 1.53 -4.88	36.74 1.28 -8.71	36.11 1.35 -5.42	37.60 1.49 -3.65	40.56 1.75 0.00	44.87 1.97 0.00	46.74 2.19 -4.81	44.31 2.44 -3.17	39.90 2.40 0.00	37.41 2.28 0.00	39.28 2.16 -3.86	37.50 2.15 -2.33	42.38 2.13 -6.99	42.26 2.14 -7.15	48.19 2.32 -10.25	57.63 2.34 -18.09	64.72 2.31 -25.12	59.53 2.34 -20.09	53.71 2.29 -15.67	49.38 2.09 -13.08	46.42 1.91 -12.16	42.34 1.59 -13.31	41.48 1.76 -7.65
CE_NYC2_DRP 24202	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.74	42.52 2.41 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.75 1.99 -7.69
CE_NYC_DRP 24195	40.75 2.27 -0.07	38.51 1.75 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.09 2.19 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.24 2.74 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	57.98 2.60 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.07 2.57 -15.74	49.65 2.29 -13.14	46.71 2.14 -12.22	42.60 1.78 -13.38	41.75 1.99 -7.69
CHAFFEE___LFGE 323603	36.04 -2.38 -0.01	29.89 -2.71 -0.75	25.92 -2.17 -1.34	27.82 -2.35 -0.83	30.26 -2.76 -0.56	36.52 -2.29 0.00	40.07 -2.83 0.00	36.98 -3.38 -0.62	35.93 -3.17 -0.41	35.51 -1.99 0.00	33.09 -2.04 0.00	31.00 -2.26 0.00	30.51 -2.54 -0.03	30.61 -2.89 -0.25	30.75 -3.03 -0.81	32.86 -3.28 -0.51	34.88 -3.20 -0.88	37.45 -3.02 -3.19	36.83 -2.82 -2.55	34.99 -2.75 -1.99	32.90 -2.98 -1.66	30.17 -2.78 -0.60	26.77 -2.36 -1.69	30.41 -2.63 -0.98
CHATEAUG_35_KV_LOAD 355732	36.83 -1.57 0.00	31.06 -0.80 0.00	25.76 -0.99 0.00	28.39 -0.94 0.00	32.00 -0.45 0.00	37.96 -0.85 0.00	42.60 -0.30 0.00	40.30 0.56 0.00	38.31 -0.39 0.00	36.08 -1.43 0.00	33.34 -1.79 0.00	31.43 -1.83 0.00	31.37 -1.65 0.00	31.53 -1.73 0.00	31.49 -1.48 0.00	34.31 -1.32 0.00	35.34 -1.86 0.00	35.30 -1.98 0.00	34.54 -2.56 0.00	32.82 -2.93 0.00	31.65 -2.57 0.00	29.21 -3.14 0.00	24.89 -2.55 0.00	29.53 -2.53 0.00
CHATEAUG_WT_PWR 323614	36.64 -1.77 0.00	31.06 -0.80 0.00	25.76 -0.99 0.00	28.37 -0.97 0.00	31.97 -0.49 0.00	37.92 -0.89 0.00	42.55 -0.34 0.00	40.26 0.52 0.00	38.43 -0.27 0.00	36.11 -1.39 0.00	33.41 -1.72 0.00	31.53 -1.73 0.00	31.44 -1.58 0.00	31.60 -1.66 0.00	31.55 -1.42 0.00	34.38 -1.25 0.00	35.38 -1.82 0.00	35.34 -1.94 0.00	34.54 -2.56 0.00	32.82 -2.93 0.00	31.65 -2.57 0.00	29.24 -3.11 0.00	24.89 -2.55 0.00	29.53 -2.53 0.00
CHAT_HIGH_FALL_HYD 323578	36.83 -1.57 0.00	31.06 -0.80 0.00	25.76 -0.99 0.00	28.39 -0.94 0.00	32.00 -0.45 0.00	37.96 -0.85 0.00	42.60 -0.30 0.00	40.30 0.56 0.00	38.31 -0.39 0.00	36.08 -1.43 0.00	33.34 -1.79 0.00	31.43 -1.83 0.00	31.37 -1.65 0.00	31.53 -1.73 0.00	31.49 -1.48 0.00	34.31 -1.32 0.00	35.34 -1.86 0.00	35.30 -1.98 0.00	34.54 -2.56 0.00	32.82 -2.93 0.00	31.65 -2.57 0.00	29.21 -3.14 0.00	24.89 -2.55 0.00	29.53 -2.53 0.00
CHAUTAUQUA___LFGE 323629	36.12 -2.30 -0.01	30.11 -2.48 -0.74	26.09 -1.98 -1.32	28.01 -2.14 -0.82	30.48 -2.53 -0.55	36.64 -2.17 0.00	40.20 -2.70 0.00	37.12 -3.22 -0.60	36.08 -3.02 -0.40	35.47 -2.03 0.00	33.02 -2.11 0.00	30.83 -2.43 0.00	30.38 -2.67 -0.03	30.47 -3.03 -0.24	30.57 -3.20 -0.79	32.64 -3.49 -0.50	34.64 -3.42 -0.86	37.23 -3.17 -3.12	36.62 -2.97 -2.49	34.84 -2.86 -1.95	32.73 -3.11 -1.63	30.03 -2.91 -0.59	26.65 -2.44 -1.65	30.33 -2.69 -0.95
CHERRYST_13_KV_LD 356241	40.82 2.34 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.37 1.58 -5.45	37.87 1.75 -3.66	40.83 2.02 0.00	45.17 2.27 0.00	47.12 2.54 -4.84	44.71 2.82 -3.19	40.31 2.81 0.00	37.87 2.74 0.00	39.56 2.63 -3.67	37.86 2.61 -2.23	42.57 2.56 -6.75	42.65 2.54 -7.14	48.67 2.74 -10.30	58.09 2.72 -18.18	65.17 2.65 -25.25	59.92 2.63 -20.19	54.15 2.65 -15.74	49.72 2.36 -13.14	46.77 2.20 -12.22	42.68 1.87 -13.38	41.81 2.05 -7.69

CHESTROR_138KV_BK263 355645	40.09 1.61 -0.07	37.68 1.24 -4.58	35.99 1.07 -8.18	35.51 1.09 -5.09	37.11 1.23 -3.42	40.24 1.44 0.00	44.53 1.63 0.00	46.05 1.79 -4.52	43.65 1.97 -2.98	39.45 1.95 0.00	36.95 1.83 0.00	47.35 1.73 -12.36	41.75 1.72 -7.01	53.08 1.73 -18.09	43.18 1.75 -8.46	47.17 1.92 -9.62	56.11 1.93 -16.98	62.80 1.94 -23.58	57.92 1.97 -18.86	52.39 1.93 -14.71	48.27 1.78 -12.28	45.35 1.59 -11.42	41.25 1.32 -12.49	40.73 1.48 -7.18
CH_MIDHUDSON___DRP 24192	40.36 1.88 -0.07	38.29 1.47 -4.97	36.88 1.26 -8.88	36.18 1.32 -5.53	37.66 1.49 -3.71	40.56 1.75 0.00	44.87 1.97 0.00	46.71 2.07 -4.90	44.21 2.28 -3.23	39.71 2.21 0.00	37.13 2.00 0.00	38.27 1.93 -3.08	36.84 1.92 -1.90	41.18 1.93 -5.99	42.03 1.95 -7.11	48.24 2.17 -10.44	57.86 2.23 -18.43	65.07 2.20 -25.59	59.79 2.23 -20.47	53.90 2.18 -15.96	49.56 2.02 -13.32	46.55 1.81 -12.39	42.51 1.51 -13.56	41.56 1.70 -7.79
CH_MISC_IPPS 23765	40.55 2.07 -0.07	38.35 1.59 -4.91	36.86 1.36 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.80 2.22 -4.84	44.36 2.48 -3.19	39.86 2.36 0.00	37.27 2.14 0.00	38.76 2.03 -3.47	37.19 2.05 -2.12	41.80 2.06 -6.48	42.18 2.11 -7.10	48.32 2.39 -10.30	57.79 2.42 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.90 2.40 -15.74	49.58 2.22 -13.14	46.55 1.97 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69
CH_RES_BVR_FALLS 23983	37.56 -0.85 0.00	31.47 -0.38 0.00	26.26 -0.48 0.00	28.83 -0.50 0.00	32.13 -0.32 0.00	38.23 -0.58 0.00	42.51 -0.39 0.00	39.70 -0.04 0.00	38.23 -0.46 0.00	36.52 -0.98 0.00	33.97 -1.16 0.00	32.06 -1.20 0.00	31.90 -1.12 0.00	32.09 -1.17 0.00	31.91 -1.06 0.00	34.60 -1.03 0.00	35.93 -1.26 0.00	35.97 -1.31 0.00	35.54 -1.56 0.00	34.08 -1.68 0.00	32.75 -1.47 0.00	30.64 -1.72 0.00	26.04 -1.40 0.00	30.66 -1.41 0.00
CH_RES_NIAGARA 23895	34.65 -3.76 -0.01	29.47 -3.06 -0.67	25.48 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.82 -4.22 -0.34	33.98 -3.53 0.00	31.54 -3.58 0.00	29.77 -3.49 0.00	29.48 -3.57 -0.03	29.78 -3.69 -0.21	29.73 -3.92 -0.68	31.92 -4.24 -0.53	34.11 -4.02 -0.93	35.56 -4.40 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
CH_RES_SYRACUSE 23985	37.99 -0.42 -0.01	31.90 -0.41 -0.47	27.26 -0.32 -0.83	29.50 -0.35 -0.52	32.42 -0.39 -0.35	38.38 -0.43 0.00	42.47 -0.43 0.00	39.68 -0.52 -0.46	38.46 -0.54 -0.30	37.09 -0.41 0.00	34.74 -0.39 0.00	32.89 -0.37 0.00	32.68 -0.36 -0.02	33.08 -0.37 -0.18	33.22 -0.36 -0.61	36.22 -0.39 -0.98	38.59 -0.34 -1.72	39.38 -0.30 -2.40	38.71 -0.30 -1.92	36.96 -0.29 -1.49	35.19 -0.27 -1.25	33.32 -0.19 -1.16	28.55 -0.16 -1.27	32.61 -0.19 -0.73
CLINTON_WT_PWR 323605	36.64 -1.77 0.00	31.06 -0.80 0.00	25.76 -0.99 0.00	28.37 -0.97 0.00	31.97 -0.49 0.00	37.92 -0.89 0.00	42.55 -0.34 0.00	40.26 0.52 0.00	38.43 -0.27 0.00	36.11 -1.39 0.00	33.41 -1.72 0.00	31.53 -1.73 0.00	31.44 -1.58 0.00	31.60 -1.66 0.00	31.55 -1.42 0.00	34.38 -1.25 0.00	35.38 -1.82 0.00	35.34 -1.94 0.00	34.54 -2.56 0.00	32.82 -2.93 0.00	31.65 -2.57 0.00	29.24 -3.11 0.00	24.89 -2.55 0.00	29.53 -2.53 0.00
CLINTON___LFGE 323618	37.14 -1.27 0.00	31.47 -0.38 0.00	26.08 -0.67 0.00	28.72 -0.62 0.00	32.39 -0.06 0.00	38.46 -0.35 0.00	43.24 0.34 0.00	40.97 1.23 0.00	39.01 0.31 0.00	36.64 -0.86 0.00	33.86 -1.26 0.00	31.96 -1.30 0.00	31.87 -1.16 0.00	32.00 -1.26 0.00	31.98 -0.99 0.00	34.92 -0.71 0.00	35.97 -1.23 0.00	35.94 -1.34 0.00	35.13 -1.97 0.00	33.39 -2.36 0.00	32.20 -2.02 0.00	29.70 -2.65 0.00	25.27 -2.17 0.00	29.98 -2.08 0.00
COBBLENY_34_KV_TB1 80064	35.96 -2.46 -0.01	29.89 -2.71 -0.75	25.92 -2.17 -1.34	27.82 -2.35 -0.83	30.26 -2.76 -0.56	36.52 -2.29 0.00	40.07 -2.83 0.00	36.98 -3.38 -0.62	35.93 -3.17 -0.41	35.51 -1.99 0.00	32.95 -2.18 0.00	31.00 -2.26 0.00	30.51 -2.54 -0.03	30.61 -2.89 -0.25	30.78 -3.00 -0.81	32.93 -3.21 -0.51	34.92 -3.16 -0.88	37.49 -2.98 -3.19	36.83 -2.82 -2.55	34.99 -2.75 -1.99	32.94 -2.94 -1.66	30.17 -2.78 -0.60	26.77 -2.36 -1.69	30.41 -2.63 -0.98
COFFEEN___115KV_TB3 355620	38.11 -0.31 0.00	31.94 -0.16 -0.25	26.87 -0.32 -0.44	29.29 -0.32 -0.28	32.38 -0.26 -0.19	38.77 -0.04 0.00	43.07 0.17 0.00	40.42 0.44 -0.25	38.74 -0.12 -0.16	36.90 -0.60 0.00	34.28 -0.84 0.00	32.26 -1.00 0.00	32.21 -0.83 -0.01	32.49 -0.86 -0.10	32.57 -0.73 -0.32	35.76 -0.39 -0.52	38.01 -0.11 -0.92	38.78 0.22 -1.28	38.27 0.15 -1.02	36.52 -0.04 -0.80	35.05 0.17 -0.67	32.74 -0.23 -0.62	27.76 -0.36 -0.68	32.01 -0.45 -0.39
COLDSPRG_115KV_BK1 355956	36.69 -1.73 -0.01	29.99 -2.64 -0.79	26.04 -2.11 -1.40	27.92 -2.29 -0.87	30.35 -2.69 -0.59	37.30 -1.51 0.00	41.10 -1.80 0.00	37.74 -2.66 -0.66	36.62 -2.52 -0.44	36.53 -0.98 0.00	33.86 -1.26 0.00	31.69 -1.56 0.00	31.01 -2.05 -0.03	30.89 -2.63 -0.26	31.11 -2.74 -0.87	33.15 -2.96 -0.47	34.86 -3.16 -0.82	38.20 -2.50 -3.42	37.42 -2.41 -2.74	35.49 -2.40 -2.13	33.50 -2.50 -1.78	30.35 -2.56 -0.56	27.00 -2.25 -1.81	30.39 -2.73 -1.04
COLONIE_LFGE___ 323577	39.99 1.50 -0.09	38.99 1.24 -5.90	38.32 1.04 -10.53	37.06 1.17 -6.55	38.16 1.30 -4.41	40.36 1.55 0.00	44.62 1.72 0.00	47.27 1.71 -5.82	44.16 1.62 -3.83	39.00 1.50 0.00	36.50 1.37 0.00	35.84 1.36 -1.22	35.29 1.35 -0.92	38.52 1.36 -3.90	42.24 1.32 -7.95	49.47 1.46 -12.38	60.66 1.60 -21.86	69.30 1.64 -30.38	63.02 1.63 -24.29	56.17 1.47 -18.94	51.47 1.44 -15.81	48.31 1.26 -14.70	44.60 1.07 -16.09	42.57 1.25 -9.25
COOPERNY_115KV_TB1 80082	39.30 0.84 -0.05	35.80 0.64 -3.31	33.20 0.53 -5.92	33.54 0.53 -3.68	35.55 0.62 -2.48	39.55 0.74 0.00	43.76 0.86 0.00	43.96 0.95 -3.27	41.93 1.08 -2.15	38.59 1.09 0.00	36.15 1.02 0.00	30.17 0.96 4.06	31.88 0.96 2.10	30.16 0.96 4.06	37.44 0.96 -3.51	43.66 1.07 -6.96	50.56 1.08 -12.28	55.41 1.08 -17.05	51.80 1.08 -13.63	47.46 1.07 -10.63	44.08 0.99 -8.87	41.48 0.87 -8.26	37.19 0.71 -9.03	38.06 0.80 -5.19
COPENHAGEN_WT_PWR 323753	37.84 -0.58 0.00	31.73 -0.38 -0.26	26.72 -0.48 -0.46	29.15 -0.47 -0.28	32.19 -0.45 -0.19	38.46 -0.35 0.00	42.73 -0.17 0.00	40.07 0.08 -0.25	38.48 -0.39 -0.17	36.71 -0.79 0.00	34.14 -0.98 0.00	32.13 -1.13 0.00	32.04 -0.99 -0.01	32.36 -1.00 -0.10	32.45 -0.86 -0.33	35.53 -0.64 -0.54	37.70 -0.44 -0.95	38.41 -0.19 -1.32	37.89 -0.26 -1.05	36.18 -0.39 -0.82	34.70 -0.20 -0.69	32.50 -0.48 -0.64	27.59 -0.55 -0.70	31.79 -0.67 -0.40
CORNELL_____ 23752	38.73 0.31 -0.01	32.98 0.10 -1.03	28.70 0.11 -1.84	30.60 0.12 -1.15	33.36 0.13 -0.77	39.16 0.35 0.00	43.41 0.51 0.00	41.18 0.44 -1.00	39.74 0.39 -0.66	37.95 0.45 0.00	35.44 0.32 0.00	33.46 0.20 0.00	33.26 0.20 -0.04	33.89 0.23 -0.39	34.56 0.26 -1.33	42.28 0.39 -6.26	48.91 0.60 -11.12	43.21 0.71 -5.22	42.01 0.74 -4.18	39.66 0.64 -3.26	37.52 0.58 -2.72	40.28 0.49 -7.45	30.56 0.36 -2.77	34.04 0.38 -1.59

CORONA__69_KV_TB1 355595	41.05 2.57 -0.07	38.70 1.94 -4.91	36.95 1.44 -8.76	36.34 1.55 -5.45	37.81 1.69 -3.66	40.87 2.06 0.00	45.47 2.57 0.00	47.50 2.90 -4.85	44.86 2.98 -3.19	40.35 2.85 0.00	38.06 2.92 -0.02	39.66 2.73 -3.68	37.94 2.67 -2.24	44.24 2.66 -8.32	46.24 2.67 -10.60	57.83 2.89 -19.32	76.91 2.83 -36.88	77.08 2.76 -37.04	77.50 2.82 -37.58	70.65 2.82 -32.07	72.41 2.57 -35.63	68.39 2.36 -33.68	54.80 2.06 -25.30	45.34 2.31 -10.96
CORTLAND__115KV_TB3 80093	38.50 0.08 -0.01	32.62 -0.06 -0.84	28.21 -0.03 -1.49	30.23 -0.03 -0.93	33.02 -0.06 -0.62	38.93 0.12 0.00	43.11 0.21 0.00	40.68 0.12 -0.82	39.35 0.12 -0.54	37.73 0.22 0.00	35.23 0.11 0.00	33.32 0.07 0.00	33.09 0.03 -0.03	33.61 0.03 -0.32	34.12 0.07 -1.08	38.64 0.14 -2.86	42.53 0.26 -5.07	41.88 0.34 -4.26	40.84 0.33 -3.41	38.70 0.29 -2.66	36.71 0.27 -2.22	35.98 0.23 -3.40	29.84 0.14 -2.26	33.49 0.13 -1.30
COXSACKIE__GT 23611	40.87 2.38 -0.08	39.03 1.62 -5.55	38.05 1.39 -9.91	37.09 1.58 -6.17	38.39 1.78 -4.15	41.41 2.60 0.00	45.56 2.66 0.00	47.13 1.91 -5.48	43.93 1.62 -3.61	38.96 1.46 0.00	36.22 1.09 0.00	35.85 1.06 -1.53	35.22 1.12 -1.07	38.40 0.97 -4.17	41.55 1.02 -7.56	48.50 1.21 -11.66	59.34 1.56 -20.58	67.70 1.83 -28.60	61.82 1.85 -22.87	55.27 1.68 -17.83	50.75 1.64 -14.89	47.55 1.36 -13.84	43.72 1.13 -15.15	42.22 1.44 -8.71
CPV_VALLEY__CC1 323721	39.15 0.69 -0.05	35.57 0.51 -3.21	32.90 0.43 -5.73	33.31 0.41 -3.57	35.34 0.49 -2.40	39.39 0.58 0.00	43.58 0.68 0.00	43.70 0.79 -3.16	41.71 0.93 -2.08	38.44 0.94 0.00	35.97 0.84 0.00	29.53 0.80 4.53	31.45 0.79 2.36	29.33 0.80 4.73	37.08 0.82 -3.28	43.26 0.89 -6.74	49.95 0.86 -11.90	54.65 0.86 -16.51	51.19 0.89 -13.21	46.91 0.86 -10.30	43.63 0.82 -8.60	41.06 0.71 -8.00	36.77 0.58 -8.75	37.74 0.64 -5.03
CPV_VALLEY__CC2 323722	39.15 0.69 -0.05	35.57 0.51 -3.21	32.90 0.43 -5.73	33.31 0.41 -3.57	35.34 0.49 -2.40	39.39 0.58 0.00	43.58 0.68 0.00	43.70 0.79 -3.16	41.71 0.93 -2.08	38.44 0.94 0.00	35.97 0.84 0.00	29.53 0.80 4.53	31.45 0.79 2.36	29.33 0.80 4.73	37.08 0.82 -3.28	43.26 0.89 -6.74	49.95 0.86 -11.90	54.65 0.86 -16.51	51.19 0.89 -13.21	46.91 0.86 -10.30	43.63 0.82 -8.60	41.06 0.71 -8.00	36.77 0.58 -8.75	37.74 0.64 -5.03
CRESCENT__HYD 24018	39.99 1.50 -0.09	38.99 1.24 -5.90	38.32 1.04 -10.53	37.06 1.17 -6.55	38.16 1.30 -4.41	40.36 1.55 0.00	44.62 1.72 0.00	47.27 1.71 -5.82	44.16 1.62 -3.83	39.00 1.50 0.00	36.50 1.37 0.00	35.84 1.36 -1.22	35.29 1.35 -0.92	38.52 1.36 -3.90	42.24 1.32 -7.95	49.47 1.46 -12.38	60.66 1.60 -21.86	69.30 1.64 -30.38	63.02 1.63 -24.29	56.17 1.47 -18.94	51.47 1.44 -15.81	48.31 1.26 -14.70	44.60 1.07 -16.09	42.57 1.25 -9.25
CRICKET__VALLEY_CC1 323756	40.10 1.61 -0.07	38.27 1.31 -5.11	36.99 1.12 -9.12	36.21 1.20 -5.68	37.61 1.33 -3.82	40.28 1.47 0.00	44.57 1.67 0.00	46.61 1.83 -5.04	43.95 1.93 -3.32	39.37 1.87 0.00	36.81 1.69 0.00	37.60 1.66 -2.68	36.36 1.65 -1.69	40.44 1.66 -5.52	41.83 1.65 -7.21	48.17 1.82 -10.73	58.03 1.90 -18.93	65.48 1.90 -26.30	60.02 1.89 -21.03	53.98 1.82 -16.40	49.62 1.71 -13.69	46.60 1.52 -12.73	42.64 1.26 -13.93	41.52 1.44 -8.01
CRICKET__VALLEY_CC2 323757	40.10 1.61 -0.07	38.27 1.31 -5.11	36.99 1.12 -9.12	36.21 1.20 -5.68	37.61 1.33 -3.82	40.28 1.47 0.00	44.57 1.67 0.00	46.61 1.83 -5.04	43.95 1.93 -3.32	39.37 1.87 0.00	36.81 1.69 0.00	37.60 1.66 -2.68	36.36 1.65 -1.69	40.44 1.66 -5.52	41.83 1.65 -7.21	48.17 1.82 -10.73	58.03 1.90 -18.93	65.48 1.90 -26.30	60.02 1.89 -21.03	53.98 1.82 -16.40	49.62 1.71 -13.69	46.60 1.52 -12.73	42.64 1.26 -13.93	41.52 1.44 -8.01
CRICKET__VALLEY_CC3 323758	40.10 1.61 -0.07	38.27 1.31 -5.11	36.99 1.12 -9.12	36.21 1.20 -5.68	37.61 1.33 -3.82	40.28 1.47 0.00	44.57 1.67 0.00	46.61 1.83 -5.04	43.95 1.93 -3.32	39.37 1.87 0.00	36.81 1.69 0.00	37.60 1.66 -2.68	36.36 1.65 -1.69	40.44 1.66 -5.52	41.83 1.65 -7.21	48.17 1.82 -10.73	58.03 1.90 -18.93	65.48 1.90 -26.30	60.02 1.89 -21.03	53.98 1.82 -16.40	49.62 1.71 -13.69	46.60 1.52 -12.73	42.64 1.26 -13.93	41.52 1.44 -8.01
CRUCIBLE__METL_DRP 24180	37.99 -0.42 -0.01	31.90 -0.41 -0.47	27.25 -0.32 -0.83	29.50 -0.35 -0.52	32.42 -0.39 -0.35	38.38 -0.43 0.00	42.47 -0.43 0.00	39.68 -0.52 -0.46	38.46 -0.54 -0.30	37.05 -0.45 0.00	34.74 -0.39 0.00	32.89 -0.37 0.00	32.65 -0.40 -0.02	33.07 -0.37 -0.36	33.22 -0.36 -0.61	36.21 -0.39 -0.98	38.59 -0.33 -1.72	39.38 -0.30 -2.40	38.71 -0.30 -1.92	36.96 -0.29 -1.49	35.19 -0.27 -1.25	33.32 -0.19 -1.16	28.55 -0.16 -1.27	32.61 -0.19 -0.73
DAHOWA__HYDRO 323763	40.57 2.07 -0.09	39.61 1.78 -5.98	38.83 1.42 -10.67	37.59 1.61 -6.64	38.74 1.82 -4.47	41.02 2.21 0.00	45.39 2.49 0.00	48.11 2.46 -5.90	44.79 2.20 -3.89	39.49 1.99 0.00	36.92 1.79 0.00	36.13 1.73 -1.14	35.61 1.72 -0.88	38.81 1.73 -3.83	42.72 1.71 -8.04	50.21 2.03 -12.55	61.63 2.27 -22.16	70.42 2.35 -30.79	64.06 2.34 -24.63	57.10 2.15 -19.20	52.26 2.02 -16.03	49.06 1.81 -14.90	45.29 1.54 -16.31	43.21 1.76 -9.38
DANC__LFGE 323619	37.72 -0.69 0.00	31.61 -0.54 -0.30	26.74 -0.53 -0.53	29.10 -0.56 -0.33	32.10 -0.58 -0.22	38.27 -0.54 0.00	42.43 -0.47 0.00	39.67 -0.36 -0.29	38.23 -0.66 -0.19	36.64 -0.86 0.00	34.18 -0.95 0.00	32.23 -1.03 0.00	32.11 -0.92 -0.01	32.44 -0.93 -0.12	32.50 -0.86 -0.39	35.54 -0.71 -0.62	37.66 -0.63 -1.10	38.36 -0.45 -1.53	37.83 -0.48 -1.22	36.17 -0.54 -0.95	34.60 -0.41 -0.79	32.57 -0.52 -0.74	27.73 -0.52 -0.81	31.89 -0.64 -0.47
DANSKAMMER__1 23586	40.55 2.07 -0.07	38.35 1.59 -4.91	36.86 1.36 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.80 2.22 -4.84	44.36 2.48 -3.19	39.86 2.36 0.00	37.27 2.14 0.00	38.76 2.03 -3.47	37.19 2.05 -2.12	41.80 2.06 -6.48	42.18 2.11 -7.10	48.32 2.39 -10.30	57.79 2.42 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.90 2.40 -15.74	49.58 2.22 -13.14	46.55 1.97 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69
DANSKAMMER__2 23589	40.55 2.07 -0.07	38.35 1.59 -4.91	36.86 1.36 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.80 2.22 -4.84	44.36 2.48 -3.19	39.86 2.36 0.00	37.27 2.14 0.00	38.76 2.03 -3.47	37.19 2.05 -2.12	41.80 2.06 -6.48	42.18 2.11 -7.10	48.32 2.39 -10.30	57.79 2.42 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.90 2.40 -15.74	49.58 2.22 -13.14	46.55 1.97 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69
DANSKAMMER__3 23590	40.55 2.07 -0.07	38.35 1.59 -4.91	36.86 1.36 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.80 2.22 -4.84	44.36 2.48 -3.19	39.86 2.36 0.00	37.27 2.14 0.00	38.76 2.03 -3.47	37.19 2.05 -2.12	41.80 2.06 -6.48	42.18 2.11 -7.10	48.32 2.39 -10.30	57.79 2.42 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.90 2.40 -15.74	49.58 2.22 -13.14	46.55 1.97 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69

DANSKAMMER___4 23591	40.55 2.07 -0.07	38.35 1.59 -4.91	36.86 1.36 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.80 2.22 -4.84	44.36 2.48 -3.19	39.86 2.36 0.00	37.27 2.14 0.00	38.76 2.03 -3.47	37.19 2.05 -2.12	41.80 2.06 -6.48	42.18 2.11 -7.10	48.32 2.39 -10.30	57.79 2.42 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.90 2.40 -15.74	49.58 2.22 -13.14	46.55 1.97 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69
DANSKAMMER___DIESEL 23592	40.55 2.07 -0.07	38.35 1.59 -4.91	36.87 1.36 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.80 2.23 -4.84	44.36 2.48 -3.19	39.86 2.36 0.00	37.27 2.14 0.00	38.76 2.03 -3.47	37.19 2.05 -2.12	41.80 2.06 -6.48	42.18 2.11 -7.10	48.31 2.39 -10.30	57.79 2.42 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.89 2.40 -15.74	49.58 2.22 -13.14	46.55 1.97 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69
DARBY___SOLAR 323810	40.41 1.92 -0.09	39.47 1.66 -5.97	38.73 1.34 -10.65	37.46 1.50 -6.63	38.60 1.69 -4.46	40.86 2.06 0.00	45.21 2.31 0.00	47.89 2.26 -5.89	44.66 2.09 -3.88	39.37 1.87 0.00	36.81 1.69 0.00	36.04 1.63 -1.15	35.55 1.65 -0.88	38.76 1.66 -3.84	42.61 1.62 -8.03	50.05 1.89 -12.53	61.43 2.12 -22.11	70.17 2.16 -30.73	63.83 2.15 -24.58	56.92 2.00 -19.17	52.10 1.88 -16.00	48.90 1.68 -14.87	45.18 1.45 -16.28	43.06 1.63 -9.36
DASHVILLE___HYD 23610	40.09 1.61 -0.07	37.62 0.76 -5.00	36.34 0.67 -8.93	35.53 0.65 -5.56	36.94 0.75 -3.73	40.17 1.36 0.00	44.53 1.63 0.00	45.90 1.23 -4.93	43.49 1.55 -3.25	39.38 1.88 0.00	36.81 1.69 0.00	37.05 1.60 -2.20	36.02 1.59 -1.42	39.39 1.30 -4.84	41.29 1.35 -6.97	47.70 1.57 -10.50	57.25 1.53 -18.53	64.54 1.53 -25.74	59.24 1.56 -20.58	53.38 1.57 -16.05	49.05 1.44 -13.40	46.04 1.23 -12.46	42.09 1.02 -13.64	41.06 1.15 -7.84
DEERFIELD_69_KV_DEERFIELD LD 355887	41.48 3.00 -0.07	38.99 2.23 -4.91	37.05 1.55 -8.76	36.52 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.94 3.05 0.00	48.24 3.66 -4.85	45.44 3.56 -3.19	40.80 3.30 0.00	38.54 3.41 -0.01	40.22 3.29 -3.67	38.42 3.17 -2.23	44.01 3.13 -7.62	45.20 3.17 -9.07	54.10 3.14 -15.33	69.05 3.24 -28.62	72.39 3.28 -31.83	70.37 3.38 -29.90	63.94 3.33 -24.86	62.88 2.98 -25.69	59.23 2.69 -24.20	49.88 2.41 -20.03	44.53 2.95 -9.52
DELAWARE___LFGE 323621	39.36 0.92 -0.03	34.56 0.70 -2.00	30.89 0.56 -3.58	32.15 0.59 -2.23	34.60 0.65 -1.50	39.74 0.93 0.00	43.93 1.03 0.00	42.74 1.03 -1.97	41.12 1.12 -1.30	38.63 1.13 0.00	36.15 1.02 0.00	33.54 0.93 0.65	33.70 0.96 0.28	34.17 1.00 0.09	36.43 0.99 -2.47	41.20 1.18 -4.39	46.18 1.23 -7.75	48.82 1.27 -10.27	46.53 1.22 -8.21	43.34 1.18 -6.40	40.69 1.13 -5.35	38.53 0.97 -5.21	33.65 0.77 -5.44	36.03 0.83 -3.13
DERFIELD_115KV_TB7 355931	38.52 0.12 0.00	31.95 0.10 0.00	26.83 0.08 0.00	29.42 0.09 0.00	32.56 0.10 0.00	38.93 0.12 0.00	43.03 0.13 0.00	39.90 0.16 0.00	38.81 0.12 0.00	37.58 0.07 0.00	35.20 0.07 0.00	33.29 0.03 0.00	33.09 0.07 0.00	33.33 0.07 0.00	33.04 0.07 0.00	35.70 0.07 0.00	37.27 0.07 0.00	37.35 0.07 0.00	37.13 0.04 0.00	35.79 0.04 0.00	34.25 0.03 0.00	32.35 0.00 0.00	27.44 0.00 0.00	32.10 0.03 0.00
DOGLEVILLE___HYD 23807	39.10 0.69 0.00	32.43 0.57 0.00	27.20 0.45 0.00	29.83 0.50 0.00	33.04 0.58 0.00	39.58 0.78 0.00	43.67 0.77 0.00	40.58 0.84 0.00	39.51 0.81 0.00	38.29 0.79 0.00	35.87 0.74 0.00	33.89 0.63 0.00	33.68 0.66 0.00	33.92 0.66 0.00	33.66 0.69 0.00	36.45 0.82 0.00	38.02 0.82 0.00	38.02 0.75 0.00	37.76 0.67 0.00	36.33 0.57 0.00	34.76 0.55 0.00	32.74 0.39 0.00	27.82 0.38 0.00	32.48 0.42 0.00
DUNKIRK___115KV_TB_200 55889	36.04 -2.38 -0.01	30.10 -2.48 -0.74	26.08 -1.98 -1.32	28.01 -2.14 -0.82	30.48 -2.53 -0.55	36.60 -2.21 0.00	40.20 -2.70 0.00	37.12 -3.22 -0.60	36.08 -3.02 -0.40	35.48 -2.03 0.00	32.88 -2.25 0.00	30.86 -2.39 0.00	30.41 -2.64 -0.03	30.51 -2.99 -0.24	30.63 -3.13 -0.79	32.71 -3.42 -0.50	34.72 -3.35 -0.86	37.25 -3.13 -3.11	36.65 -2.93 -2.48	34.87 -2.82 -1.94	32.76 -3.08 -1.62	30.09 -2.85 -0.59	26.67 -2.41 -1.65	30.36 -2.66 -0.95
DUNKIRK___1 23563	36.04 -2.38 -0.01	30.10 -2.48 -0.74	26.08 -1.98 -1.32	28.01 -2.14 -0.82	30.48 -2.53 -0.55	36.60 -2.21 0.00	40.20 -2.70 0.00	37.12 -3.22 -0.60	36.08 -3.02 -0.40	35.48 -2.03 0.00	32.88 -2.25 0.00	30.86 -2.39 0.00	30.41 -2.64 -0.03	30.51 -2.99 -0.24	30.63 -3.13 -0.79	32.71 -3.42 -0.50	34.72 -3.35 -0.86	37.25 -3.13 -3.11	36.65 -2.93 -2.48	34.87 -2.82 -1.94	32.76 -3.08 -1.62	30.09 -2.85 -0.59	26.67 -2.41 -1.65	30.36 -2.66 -0.95
DUNKIRK___2 23564	36.04 -2.38 -0.01	30.10 -2.48 -0.74	26.08 -1.98 -1.32	28.01 -2.14 -0.82	30.48 -2.53 -0.55	36.60 -2.21 0.00	40.20 -2.70 0.00	37.12 -3.22 -0.60	36.08 -3.02 -0.40	35.48 -2.03 0.00	32.88 -2.25 0.00	30.86 -2.39 0.00	30.41 -2.64 -0.03	30.51 -2.99 -0.24	30.63 -3.13 -0.79	32.71 -3.42 -0.50	34.72 -3.35 -0.86	37.25 -3.13 -3.11	36.65 -2.93 -2.48	34.87 -2.82 -1.94	32.76 -3.08 -1.62	30.09 -2.85 -0.59	26.67 -2.41 -1.65	30.36 -2.66 -0.95
DUNKIRK___3 23565	35.92 -2.50 -0.01	29.97 -2.61 -0.73	25.96 -2.09 -1.30	27.88 -2.26 -0.81	30.34 -2.66 -0.54	36.48 -2.33 0.00	40.07 -2.83 0.00	36.99 -3.34 -0.59	35.95 -3.13 -0.39	35.40 -2.10 0.00	32.84 -2.28 0.00	30.83 -2.43 0.00	30.38 -2.67 -0.03	30.50 -2.99 -0.24	30.58 -3.17 -0.78	32.75 -3.38 -0.50	34.72 -3.35 -0.87	37.17 -3.17 -3.06	36.57 -2.97 -2.44	34.77 -2.90 -1.91	32.70 -3.11 -1.59	30.06 -2.88 -0.59	26.62 -2.44 -1.62	30.31 -2.69 -0.93
DUNKIRK___4 23566	35.92 -2.50 -0.01	29.97 -2.61 -0.73	25.96 -2.09 -1.30	27.88 -2.26 -0.81	30.34 -2.66 -0.54	36.48 -2.33 0.00	40.07 -2.83 0.00	36.99 -3.34 -0.59	35.95 -3.13 -0.39	35.40 -2.10 0.00	32.84 -2.28 0.00	30.83 -2.43 0.00	30.38 -2.67 -0.03	30.50 -2.99 -0.24	30.58 -3.17 -0.78	32.75 -3.38 -0.50	34.72 -3.35 -0.87	37.17 -3.17 -3.06	36.57 -2.97 -2.44	34.77 -2.90 -1.91	32.70 -3.11 -1.59	30.06 -2.88 -0.59	26.62 -2.44 -1.62	30.31 -2.69 -0.93
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.63 2.15 -0.07	38.41 1.66 -4.91	36.89 1.39 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.67 1.86 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.62 2.49 0.00	39.29 2.36 -3.67	37.59 2.34 -2.23	42.34 2.33 -6.75	42.42 2.31 -7.14	48.46 2.53 -10.30	57.91 2.53 -18.18	65.02 2.50 -25.25	59.77 2.49 -20.19	54.00 2.50 -15.74	49.62 2.26 -13.14	46.64 2.07 -12.22	42.55 1.73 -13.38	41.68 1.92 -7.69
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.36 1.88 -0.07	38.07 1.43 -4.79	36.53 1.23 -8.55	35.92 1.26 -5.32	37.46 1.43 -3.58	40.52 1.71 0.00	44.87 1.97 0.00	46.49 2.03 -4.72	44.09 2.28 -3.11	39.71 2.21 0.00	37.17 2.04 0.00	39.43 1.93 -4.24	37.47 1.92 -2.54	42.64 1.93 -7.45	42.05 1.98 -7.10	47.89 2.21 -10.06	57.18 2.23 -17.75	64.17 2.24 -24.65	59.07 2.26 -19.71	53.34 2.22 -15.37	49.10 2.05 -12.83	46.10 1.81 -11.93	42.01 1.51 -13.06	41.31 1.73 -7.51

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.78 1.66 -3.66	40.63 1.82 0.00	44.83 1.93 0.00	46.76 2.19 -4.84	44.40 2.52 -3.19	40.01 2.51 0.00	37.59 2.46 0.00	39.29 2.36 -3.67	37.56 2.31 -2.23	42.27 2.26 -6.74	42.39 2.27 -7.14	48.39 2.46 -10.30	57.72 2.34 -18.18	64.80 2.27 -25.25	59.59 2.30 -20.19	53.90 2.40 -15.74	49.45 2.09 -13.14	46.51 1.94 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69
E179THST_13_KV_LOAD 356214	40.98 2.50 -0.07	38.67 1.91 -4.91	37.08 1.58 -8.76	36.40 1.61 -5.45	37.87 1.75 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	64.95 2.42 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.78 2.02 -7.69
EAST HAMPTON___GT 23717	41.13 2.65 -0.07	38.67 1.91 -4.91	36.81 1.31 -8.76	36.22 1.44 -5.45	37.62 1.49 -3.66	40.75 1.94 0.00	45.60 2.70 0.00	48.01 3.42 -4.85	45.25 3.36 -3.19	40.69 3.19 0.00	38.30 3.16 -0.01	40.09 3.16 -3.67	38.29 3.04 -2.23	43.81 2.93 -7.62	44.91 2.87 -9.07	53.78 2.81 -15.33	68.64 2.83 -28.62	72.09 2.98 -31.83	70.11 3.12 -29.90	63.65 3.04 -24.86	62.54 2.63 -25.69	58.91 2.36 -24.20	49.55 2.08 -20.03	44.28 2.69 -9.52
EAST RIVER___6 23660	40.67 2.19 -0.07	38.41 1.66 -4.91	36.89 1.39 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.63 1.82 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.68 1.92 -7.69
EAST RIVER___7 23524	40.67 2.19 -0.07	38.41 1.66 -4.91	36.89 1.39 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.63 1.82 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.68 1.92 -7.69
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.52 2.04 -0.07	38.34 1.59 -4.90	36.82 1.34 -8.74	36.15 1.38 -5.44	37.67 1.56 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.84 2.27 -4.83	44.39 2.52 -3.18	39.98 2.48 0.00	37.52 2.39 0.00	39.26 2.26 -3.74	37.50 2.21 -2.27	42.33 2.23 -6.84	42.32 2.21 -7.14	48.33 2.42 -10.28	57.76 2.42 -18.15	64.87 2.39 -25.20	59.66 2.41 -20.16	53.87 2.40 -15.72	49.49 2.16 -13.12	46.53 1.97 -12.20	42.44 1.65 -13.35	41.57 1.83 -7.68
EAST_HAMPTON___DIESEL 23722	41.05 2.57 -0.07	38.60 1.85 -4.91	36.76 1.26 -8.76	36.16 1.38 -5.45	37.55 1.43 -3.66	40.67 1.86 0.00	45.52 2.62 0.00	47.96 3.38 -4.85	45.17 3.29 -3.19	40.65 3.15 0.00	38.23 3.09 -0.01	40.06 3.13 -3.67	38.23 2.97 -2.23	43.74 2.86 -7.62	44.84 2.80 -9.07	53.71 2.74 -15.33	68.53 2.71 -28.62	71.98 2.87 -31.83	70.00 3.00 -29.90	63.55 2.93 -24.86	62.47 2.57 -25.69	58.81 2.26 -24.20	49.47 2.00 -20.03	44.21 2.63 -9.52
EAST_POINT___SOLAR 323840	40.77 2.27 -0.09	40.25 1.88 -6.52	39.83 1.44 -11.64	38.22 1.64 -7.25	39.24 1.91 -4.87	41.33 2.52 0.00	45.73 2.83 0.00	48.99 2.82 -6.43	45.33 2.40 -4.24	38.89 1.39 0.00	35.90 0.77 0.00	34.38 0.30 -0.82	34.11 0.36 -0.72	38.01 1.13 -3.62	42.77 1.12 -8.68	51.39 2.07 -13.69	64.08 2.71 -24.17	73.72 2.87 -33.57	66.80 2.86 -26.85	59.33 2.65 -20.93	54.16 2.46 -17.48	50.90 2.30 -16.25	47.06 1.84 -17.78	44.31 2.02 -10.22
EAST_PULASKI___ESR 323781	37.65 -0.77 0.00	31.55 -0.64 -0.34	26.78 -0.56 -0.60	29.12 -0.59 -0.37	32.06 -0.65 -0.25	38.11 -0.70 0.00	42.17 -0.73 0.00	39.32 -0.76 -0.33	38.03 -0.89 -0.22	36.60 -0.90 0.00	34.25 -0.88 0.00	32.39 -0.86 0.00	32.18 -0.86 -0.01	32.56 -0.83 -0.13	32.62 -0.79 -0.44	35.55 -0.78 -0.70	37.70 -0.74 -1.24	38.37 -0.63 -1.73	37.85 -0.63 -1.38	36.19 -0.64 -1.08	34.53 -0.58 -0.90	32.70 -0.48 -0.84	27.89 -0.47 -0.92	32.02 -0.58 -0.53
EAST_RIVER___1 323558	40.75 2.27 -0.07	38.51 1.75 -4.91	36.97 1.47 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.09 2.19 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.24 2.74 0.00	37.76 2.64 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	57.98 2.60 -18.18	65.06 2.54 -25.25	59.84 2.56 -20.19	54.08 2.58 -15.74	49.65 2.29 -13.14	46.67 2.10 -12.22	42.60 1.78 -13.38	41.75 1.99 -7.69
EAST_RIVER___2 323559	40.67 2.19 -0.07	38.41 1.66 -4.91	36.89 1.39 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.63 1.82 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.68 1.92 -7.69
EAST___DELAWARE_HYD 23607	40.05 1.58 -0.06	37.30 1.11 -4.33	35.44 0.96 -7.73	35.11 0.97 -4.81	36.83 1.14 -3.23	40.25 1.44 0.00	44.57 1.67 0.00	45.68 1.67 -4.27	43.41 1.90 -2.81	39.30 1.80 0.00	36.67 1.54 0.00	35.29 1.46 -0.57	35.00 1.49 -0.49	37.19 1.50 -2.43	40.32 1.58 -5.77	46.57 1.85 -9.09	55.18 1.93 -16.05	61.54 1.97 -22.28	56.88 1.96 -17.82	51.58 1.93 -13.90	47.63 1.81 -11.60	44.72 1.58 -10.79	40.54 1.29 -11.81	40.36 1.51 -6.79
EIGHT_POINT___WT_PWR 323820	36.62 -1.80 -0.01	30.81 -1.97 -0.93	26.96 -1.44 -1.66	28.90 -1.47 -1.03	31.50 -1.65 -0.70	37.65 -1.16 0.00	41.61 -1.29 0.00	39.05 -1.55 -0.86	37.75 -1.51 -0.56	36.75 -0.75 0.00	34.11 -1.02 0.00	31.93 -1.33 0.00	31.41 -1.65 -0.04	31.54 -2.06 -0.34	31.73 -2.37 -1.13	32.67 -2.57 0.39	33.98 -2.49 0.73	39.61 -2.12 -4.45	38.73 -1.93 -3.56	36.64 -1.90 -2.78	34.48 -2.05 -2.32	29.74 -2.14 0.48	28.02 -1.78 -2.36	31.37 -2.05 -1.36
ELBRIDGE_115KV_TB2 80188	37.76 -0.65 -0.01	31.77 -0.57 -0.49	27.17 -0.45 -0.88	29.38 -0.50 -0.55	32.27 -0.55 -0.37	38.19 -0.62 0.00	42.26 -0.64 0.00	39.51 -0.72 -0.49	38.28 -0.74 -0.32	36.86 -0.64 0.00	34.53 -0.60 0.00	32.69 -0.57 0.00	32.48 -0.56 -0.02	32.89 -0.57 -0.19	33.05 -0.56 -0.64	36.06 -0.61 -1.03	38.47 -0.56 -1.82	39.29 -0.52 -2.54	38.64 -0.48 -2.03	36.84 -0.50 -1.58	35.06 -0.48 -1.32	33.22 -0.36 -1.23	28.45 -0.33 -1.34	32.46 -0.38 -0.77
ELEC_TRO_TEK 24086	40.90 2.42 -0.07	38.57 1.82 -4.91	36.84 1.34 -8.76	36.22 1.44 -5.45	37.68 1.56 -3.66	40.71 1.90 0.00	45.30 2.40 0.00	47.34 2.74 -4.85	44.71 2.82 -3.19	40.20 2.70 0.00	37.88 2.74 -0.02	39.53 2.59 -3.68	37.80 2.54 -2.24	44.05 2.49 -8.30	46.06 2.54 -10.55	57.53 2.71 -19.19	76.50 2.68 -36.63	76.77 2.61 -36.88	77.07 2.63 -37.34	70.25 2.65 -31.85	71.93 2.40 -35.32	67.94 2.20 -33.39	54.50 1.92 -25.13	45.13 2.15 -10.92

ELLENBURG_WT_PWR 323604	36.64 -1.77 0.00	31.06 -0.80 0.00	25.76 -0.99 0.00	28.37 -0.97 0.00	31.97 -0.49 0.00	37.92 -0.89 0.00	42.55 -0.34 0.00	40.26 0.52 0.00	38.43 -0.27 0.00	36.11 -1.39 0.00	33.41 -1.72 0.00	31.53 -1.73 0.00	31.44 -1.58 0.00	31.60 -1.66 0.00	31.55 -1.42 0.00	34.38 -1.25 0.00	35.38 -1.82 0.00	35.34 -1.94 0.00	34.54 -2.56 0.00	32.82 -2.93 0.00	31.65 -2.57 0.00	29.24 -3.11 0.00	24.89 -2.55 0.00	29.53 -2.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.58 -2.84 -0.01	29.85 -2.71 -0.71	25.85 -2.17 -1.27	27.77 -2.35 -0.79	30.23 -2.76 -0.53	36.13 -2.68 0.00	39.60 -3.30 0.00	36.61 -3.70 -0.56	35.67 -3.41 -0.37	35.06 -2.44 0.00	32.53 -2.60 0.00	30.63 -2.63 0.00	30.24 -2.81 -0.03	30.43 -3.06 -0.23	30.48 -3.23 -0.74	32.65 -3.49 -0.51	34.70 -3.39 -0.89	36.80 -3.39 -2.92	36.28 -3.15 -2.33	34.54 -3.04 -1.82	32.45 -3.28 -1.52	29.94 -3.01 -0.60	26.46 -2.52 -1.55	30.27 -2.69 -0.89
EMPIRE_CC_1 323656	39.68 1.19 -0.08	38.48 0.99 -5.64	37.67 0.86 -10.07	36.54 0.94 -6.27	37.71 1.04 -4.21	40.01 1.20 0.00	44.10 1.20 0.00	46.46 1.15 -5.56	43.49 1.12 -3.67	38.55 1.05 0.00	36.22 1.09 0.00	35.90 1.13 -1.51	35.21 1.12 -1.07	38.54 1.10 -4.19	41.70 1.05 -7.67	48.43 0.96 -11.84	59.10 1.00 -20.90	67.33 1.01 -29.04	61.32 1.00 -23.23	54.83 0.97 -18.11	50.29 0.96 -15.12	47.21 0.81 -14.05	43.65 0.82 -15.39	41.84 0.93 -8.84
EMPIRE_CC_2 323658	39.68 1.19 -0.08	38.48 0.99 -5.64	37.67 0.86 -10.07	36.54 0.94 -6.27	37.71 1.04 -4.21	40.01 1.20 0.00	44.10 1.20 0.00	46.46 1.15 -5.56	43.49 1.12 -3.67	38.55 1.05 0.00	36.22 1.09 0.00	35.90 1.13 -1.51	35.21 1.12 -1.07	38.54 1.10 -4.19	41.70 1.05 -7.67	48.43 0.96 -11.84	59.10 1.00 -20.90	67.33 1.01 -29.04	61.32 1.00 -23.23	54.83 0.97 -18.11	50.29 0.96 -15.12	47.21 0.81 -14.05	43.65 0.82 -15.39	41.84 0.93 -8.84
ENORWICH_115KV_TB1 80156	40.66 2.23 -0.02	34.91 1.62 -1.44	30.54 1.23 -2.57	32.28 1.35 -1.60	35.02 1.49 -1.07	41.14 2.33 0.00	45.56 2.66 0.00	43.73 2.58 -1.40	42.10 2.48 -0.92	39.90 2.40 0.00	37.13 2.00 0.48	34.51 1.73 0.21	34.70 1.88 0.08	35.11 1.93 -1.76	36.78 2.04 -4.48	42.75 2.64 -7.94	48.26 3.12 -7.32	47.95 3.36 -7.32	46.06 3.12 -5.85	43.11 2.79 -4.56	40.83 2.81 -3.81	39.97 2.30 -5.33	33.07 1.76 -3.88	36.25 1.96 -2.23
ERIE_ST__34_KV_TB1-2 80199	36.23 -2.19 -0.01	29.53 -3.06 -0.73	25.59 -2.46 -1.31	27.48 -2.67 -0.82	29.92 -3.08 -0.55	36.79 -2.02 0.00	40.41 -2.49 0.00	36.96 -3.38 -0.60	35.88 -3.21 -0.40	35.85 -1.65 0.00	33.30 -1.83 0.00	31.26 -2.00 0.00	30.67 -2.38 -0.03	30.57 -2.93 -0.24	30.76 -3.00 -0.79	33.02 -3.14 -0.53	34.84 -3.27 -0.91	37.50 -2.87 -3.10	36.75 -2.82 -2.48	34.90 -2.79 -1.93	32.99 -2.84 -1.61	30.16 -2.81 -0.62	26.64 -2.44 -1.64	30.10 -2.92 -0.95
ERIE_WT_PWR 323693	35.92 -2.50 -0.01	29.87 -2.71 -0.73	25.87 -2.17 -1.29	27.79 -2.35 -0.81	30.27 -2.73 -0.54	36.40 -2.41 0.00	39.89 -3.00 0.00	36.83 -3.50 -0.59	35.80 -3.29 -0.39	35.32 -2.18 0.00	32.92 -2.21 0.00	30.83 -2.43 0.00	30.38 -2.67 -0.03	30.53 -2.96 -0.23	30.61 -3.13 -0.77	32.76 -3.39 -0.51	34.78 -3.31 -0.89	37.11 -3.21 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.69 -3.11 -1.58	30.04 -2.91 -0.60	26.61 -2.44 -1.61	30.34 -2.66 -0.93
ESPRGFLD_115KV_TB1 80157	39.71 1.31 0.00	32.84 0.99 0.00	27.49 0.75 0.00	30.15 0.82 0.00	33.40 0.94 0.00	40.21 1.40 0.00	44.53 1.63 0.00	41.36 1.63 0.01	40.24 1.55 0.00	38.78 1.27 0.00	36.11 0.98 0.00	34.06 0.80 0.00	33.88 0.86 0.00	34.32 1.06 0.00	34.08 1.12 0.01	37.23 1.60 0.00	39.06 1.86 0.00	39.22 1.98 0.03	38.96 1.89 0.02	37.49 1.75 0.02	35.84 1.64 0.02	33.81 1.46 0.00	28.55 1.13 0.02	33.31 1.25 0.01
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.69 0.27 -0.01	32.98 0.10 -1.03	28.66 0.08 -1.84	30.56 0.09 -1.14	33.32 0.10 -0.77	39.12 0.31 0.00	43.37 0.47 0.00	41.14 0.40 -1.00	39.70 0.35 -0.66	37.91 0.41 0.00	35.41 0.28 0.00	33.42 0.17 0.00	33.23 0.17 -0.04	33.82 0.17 -0.39	34.49 0.20 -1.32	41.43 0.36 -5.45	47.38 0.52 -9.66	43.17 0.67 -5.22	41.93 0.67 -4.17	39.58 0.57 -3.25	37.45 0.51 -2.72	39.28 0.45 -6.47	30.53 0.33 -2.76	34.01 0.35 -1.59
ETNA____115KV_TB2 80207	38.69 0.27 -0.01	32.98 0.10 -1.03	28.66 0.08 -1.84	30.56 0.09 -1.14	33.32 0.10 -0.77	39.12 0.31 0.00	43.37 0.47 0.00	41.14 0.40 -1.00	39.70 0.35 -0.66	37.91 0.41 0.00	35.41 0.28 0.00	33.42 0.17 0.00	33.23 0.17 -0.04	33.82 0.17 -0.39	34.49 0.20 -1.32	41.43 0.36 -5.45	47.38 0.52 -9.66	43.17 0.67 -5.22	41.93 0.67 -4.17	39.58 0.57 -3.25	37.45 0.51 -2.72	39.28 0.45 -6.47	30.53 0.33 -2.76	34.01 0.35 -1.59
EUCLID____115KV_TB2 356179	37.57 -0.84 -0.01	31.54 -0.70 -0.39	26.88 -0.56 -0.69	29.15 -0.62 -0.43	32.07 -0.68 -0.29	37.99 -0.81 0.00	42.00 -0.90 0.00	39.13 -0.99 -0.38	37.98 -0.97 -0.25	36.64 -0.86 0.00	34.35 -0.77 0.00	32.53 -0.73 0.00	32.28 -0.76 -0.02	32.68 -0.73 -0.15	32.75 -0.73 -0.51	35.63 -0.82 -0.82	37.86 -0.78 -1.44	38.50 -0.78 -2.00	37.96 -0.74 -1.60	36.29 -0.72 -1.25	34.54 -0.72 -1.04	32.77 -0.55 -0.97	28.04 -0.47 -1.06	32.13 -0.55 -0.61
E_CANADA_CAP_HY 24051	40.19 1.69 -0.10	40.02 1.40 -6.77	39.90 1.07 -12.08	38.06 1.20 -7.52	38.91 1.39 -5.05	40.67 1.86 0.00	44.92 2.02 0.00	48.44 2.03 -6.67	44.79 1.70 -4.40	38.66 1.16 0.00	35.94 0.81 0.00	34.56 0.60 -0.70	34.35 0.66 -0.67	37.78 0.97 -3.55	42.94 0.99 -8.98	51.44 1.60 -14.21	64.28 2.01 -25.08	74.27 2.16 -34.83	67.10 2.15 -27.86	59.48 2.00 -21.72	54.20 1.85 -18.13	50.99 1.78 -16.86	47.29 1.40 -18.45	44.22 1.54 -10.61
E_CANADA_MHWK_HY 24050	39.10 0.69 0.00	32.43 0.57 0.00	27.20 0.45 0.00	29.83 0.50 0.00	33.04 0.58 0.00	39.58 0.78 0.00	43.67 0.77 0.00	40.58 0.84 0.00	39.51 0.81 0.00	38.29 0.79 0.00	35.87 0.74 0.00	33.89 0.63 0.00	33.68 0.66 0.00	33.92 0.66 0.00	33.66 0.69 0.00	36.45 0.82 0.00	38.02 0.82 0.00	38.02 0.75 0.00	37.76 0.67 0.00	36.33 0.57 0.00	34.76 0.55 0.00	32.74 0.39 0.00	27.82 0.38 0.00	32.48 0.42 0.00
E_FISHKILL____LBMP 23776	40.29 1.81 -0.07	38.24 1.40 -4.99	36.85 1.20 -8.90	36.14 1.26 -5.54	37.58 1.40 -3.73	40.40 1.59 0.00	44.74 1.84 0.00	46.65 1.99 -4.92	44.10 2.17 -3.24	39.64 2.14 0.00	37.17 2.04 0.00	38.15 1.93 -2.97	36.78 1.92 -1.84	41.00 1.90 -5.85	41.99 1.91 -7.11	48.17 2.07 -10.47	57.80 2.12 -18.48	65.04 2.09 -25.67	59.70 2.08 -20.53	53.84 2.07 -16.01	49.46 1.88 -13.36	46.49 1.71 -12.43	42.47 1.43 -13.60	41.49 1.60 -7.82
FALCON____SEABRD_CC1 323796	37.03 -1.38 0.00	31.37 -0.48 0.00	26.02 -0.72 0.00	28.66 -0.67 0.00	32.33 -0.13 0.00	38.38 -0.43 0.00	43.11 0.22 0.00	40.81 1.07 0.00	38.89 0.19 0.00	36.56 -0.94 0.00	33.79 -1.33 0.00	31.89 -1.37 0.00	31.80 -1.22 0.00	31.96 -1.30 0.00	31.91 -1.06 0.00	34.81 -0.82 0.00	35.86 -1.34 0.00	35.79 -1.49 0.00	34.98 -2.11 0.00	33.25 -2.50 0.00	32.03 -2.19 0.00	29.57 -2.78 0.00	25.19 -2.25 0.00	29.89 -2.18 0.00

FALCON___SEABRD_CC2 323797	37.03 -1.38 0.00	31.37 -0.48 0.00	26.02 -0.72 0.00	28.66 -0.67 0.00	32.33 -0.13 0.00	38.38 -0.43 0.00	43.11 0.22 0.00	40.81 1.07 0.00	38.89 0.19 0.00	36.56 -0.94 0.00	33.79 -1.33 0.00	31.89 -1.37 0.00	31.80 -1.22 0.00	31.96 -1.30 0.00	31.91 -1.06 0.00	34.81 -0.82 0.00	35.86 -1.34 0.00	35.79 -1.49 0.00	34.98 -2.11 0.00	33.25 -2.50 0.00	32.03 -2.19 0.00	29.57 -2.78 0.00	25.19 -2.25 0.00	29.89 -2.18 0.00
FAR ROCKAWAY___4 23548	41.32 2.84 -0.07	38.92 2.17 -4.91	37.11 1.60 -8.76	36.52 1.73 -5.45	38.00 1.88 -3.66	41.10 2.29 0.00	45.77 2.87 0.00	47.77 3.18 -4.85	45.13 3.25 -3.19	40.61 3.11 0.00	38.30 3.16 -0.01	39.93 2.99 -3.68	38.20 2.94 -2.24	44.32 2.89 -8.17	46.17 2.93 -10.26	57.21 3.14 -18.45	75.40 3.12 -35.08	76.28 3.09 -35.90	76.11 3.12 -35.90	69.36 3.11 -30.50	70.51 2.84 -33.45	66.61 2.65 -31.61	53.84 2.25 -24.15	45.28 2.57 -10.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.13 2.23 0.00	47.04 2.46 -4.84	44.63 2.75 -3.19	40.24 2.74 0.00	37.80 2.67 0.00	39.49 2.56 -3.67	37.76 2.51 -2.23	42.47 2.46 -6.75	42.58 2.47 -7.14	48.60 2.67 -10.30	58.02 2.64 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.11 2.61 -15.74	49.69 2.33 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.78 2.02 -7.69
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.78 2.30 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.13 2.23 0.00	47.04 2.46 -4.84	44.63 2.75 -3.19	40.24 2.74 0.00	37.80 2.67 0.00	39.49 2.56 -3.67	37.76 2.51 -2.23	42.47 2.46 -6.75	42.58 2.47 -7.14	48.60 2.67 -10.30	58.02 2.64 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.11 2.61 -15.74	49.69 2.33 -13.14	46.74 2.17 -12.22	42.63 1.81 -13.38	41.78 2.02 -7.69
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.75 2.27 -0.07	38.51 1.75 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.09 2.19 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.24 2.74 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.76 2.51 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	57.98 2.60 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.07 2.57 -15.74	49.65 2.29 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.75 1.99 -7.69
FARRAGUT___LBMP 323566	40.75 2.27 -0.07	38.51 1.75 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.76 2.63 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.44 2.43 -6.75	42.55 2.44 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.02 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.75 1.99 -7.69
FENNER___WINDPWR 24204	38.92 0.50 -0.01	32.76 0.35 -0.56	28.00 0.27 -0.99	30.24 0.29 -0.62	33.23 0.36 -0.41	39.39 0.58 0.00	43.58 0.68 0.00	40.96 0.67 -0.54	39.64 0.58 -0.36	38.02 0.52 0.00	35.55 0.42 0.00	33.59 0.33 0.00	33.41 0.36 -0.02	33.87 0.40 -0.21	34.12 0.43 -0.72	37.99 0.57 -1.80	41.08 0.71 -3.18	40.86 0.75 -2.84	40.07 0.70 -2.27	38.13 0.61 -1.77	36.31 0.62 -1.48	34.97 0.49 -2.13	29.30 0.36 -1.50	33.32 0.39 -0.86
FIBERTEK___ENERGY 23856	37.99 -0.42 -0.01	31.90 -0.41 -0.47	27.25 -0.32 -0.83	29.50 -0.35 -0.52	32.42 -0.39 -0.35	38.38 -0.43 0.00	42.47 -0.43 0.00	39.68 -0.52 -0.46	38.46 -0.54 -0.30	37.05 -0.45 0.00	34.74 -0.39 0.00	32.89 -0.37 0.00	32.65 -0.40 -0.02	33.07 -0.37 -0.18	33.22 -0.36 -0.61	36.21 -0.39 -0.98	38.59 -0.33 -1.72	39.38 -0.30 -2.40	38.71 -0.30 -1.92	36.96 -0.29 -1.49	35.19 -0.27 -1.25	33.32 -0.19 -1.16	28.55 -0.16 -1.27	32.61 -0.19 -0.73
FITZPATRICK____ 23598	37.15 -1.27 0.00	31.10 -1.02 -0.27	26.38 -0.86 -0.49	28.70 -0.94 -0.30	31.62 -1.04 -0.20	37.57 -1.24 0.00	41.52 -1.37 0.00	38.50 -1.51 -0.27	37.37 -1.51 -0.18	36.08 -1.42 0.00	33.86 -1.26 0.00	32.06 -1.20 0.00	31.85 -1.19 -0.01	32.17 -1.20 -0.11	32.14 -1.19 -0.36	34.89 -1.32 -0.58	36.88 -1.34 -1.02	37.35 -1.34 -1.41	36.89 -1.33 -1.13	35.38 -1.25 -0.88	33.75 -1.20 -0.73	32.03 -1.00 -0.68	27.37 -0.82 -0.75	31.54 -0.96 -0.43
FLOWRFLD_69_KV_BK1 356044	41.51 3.03 -0.07	39.05 2.29 -4.91	37.13 1.63 -8.76	36.57 1.79 -5.45	38.00 1.88 -3.66	41.18 2.37 0.00	45.99 3.09 0.00	48.13 3.54 -4.85	45.37 3.48 -3.19	40.69 3.19 0.00	38.47 3.34 -0.01	40.06 3.13 -3.67	38.33 3.07 -2.23	43.94 3.06 -7.62	45.18 3.13 -9.08	54.30 3.31 -15.36	69.29 3.42 -28.67	72.54 3.39 -31.87	70.49 3.45 -29.95	64.06 3.40 -24.90	63.05 3.08 -25.75	59.45 2.85 -24.26	49.97 2.47 -20.06	44.45 2.85 -9.52
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.63 2.15 -0.07	38.43 1.66 -4.92	36.95 1.42 -8.78	36.27 1.47 -5.47	37.79 1.66 -3.68	40.79 1.98 0.00	45.17 2.27 0.00	46.90 2.30 -4.85	44.41 2.52 -3.20	39.94 2.44 0.00	37.31 2.18 0.00	38.73 2.10 -3.38	37.17 2.08 -2.07	41.75 2.13 -6.36	42.25 2.18 -7.10	48.42 2.46 -10.33	57.93 2.49 -18.24	65.11 2.50 -25.33	59.84 2.49 -20.26	54.02 2.47 -15.79	49.69 2.29 -13.19	46.65 2.04 -12.26	42.53 1.67 -13.42	41.74 1.96 -7.71
FORT ORANGE____ 23900	39.84 1.34 -0.08	38.73 1.08 -5.80	37.97 0.88 -10.34	36.80 1.03 -6.44	37.89 1.10 -4.33	40.17 1.36 0.00	44.10 1.20 0.00	46.57 1.11 -5.72	43.51 1.05 -3.77	38.55 1.05 0.00	36.15 1.02 0.00	35.55 1.03 -1.26	34.98 1.02 -0.94	38.14 0.97 -3.92	41.69 0.89 -7.82	48.58 0.78 -12.17	59.53 0.86 -21.48	68.02 0.89 -29.85	61.85 0.89 -23.87	55.19 0.82 -18.61	50.54 0.79 -15.54	47.44 0.65 -14.44	43.83 0.58 -15.81	41.83 0.67 -9.09
FORT_DRUM_COGEN 23780	37.87 -0.54 0.00	31.74 -0.35 -0.24	26.72 -0.45 -0.43	29.13 -0.47 -0.27	32.22 -0.42 -0.18	38.50 -0.31 0.00	42.81 -0.09 0.00	40.18 0.20 -0.24	38.54 -0.31 -0.16	36.71 -0.79 0.00	34.11 -1.02 0.00	32.09 -1.16 0.00	32.01 -1.02 -0.01	32.32 -1.03 -0.09	32.39 -0.89 -0.31	35.49 -0.64 -0.50	37.64 -0.45 -0.89	38.33 -0.19 -1.23	37.82 -0.26 -0.99	36.13 -0.39 -0.77	34.65 -0.21 -0.64	32.40 -0.55 -0.60	27.49 -0.60 -0.65	31.71 -0.74 -0.38
FOX_HILLS___ESR 323835	40.82 2.34 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.25 1.47 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.87 1.97 0.00	46.76 2.19 -4.84	44.32 2.44 -3.19	39.90 2.40 0.00	37.52 2.39 0.00	39.22 2.29 -3.67	37.53 2.28 -2.23	42.23 2.23 -6.74	42.35 2.24 -7.14	48.42 2.49 -10.30	57.80 2.42 -18.18	64.88 2.35 -25.25	59.70 2.41 -20.19	53.97 2.47 -15.74	49.45 2.09 -13.14	46.61 2.04 -12.22	42.55 1.73 -13.38	41.71 1.96 -7.69
FPL FAR_ROCK_GT1 24212	41.32 2.84 -0.07	38.92 2.17 -4.91	37.13 1.63 -8.76	36.51 1.73 -5.45	38.00 1.88 -3.66	41.10 2.29 0.00	45.77 2.87 0.00	47.77 3.18 -4.85	45.14 3.25 -3.19	40.65 3.15 0.00	38.30 3.16 -0.01	39.93 2.99 -3.68	38.20 2.94 -2.24	44.32 2.89 -8.17	46.17 2.93 -10.26	57.21 3.14 -18.45	75.40 3.13 -35.08	76.28 3.09 -35.90	76.11 3.12 -35.90	69.36 3.11 -30.50	70.51 2.84 -33.45	66.61 2.65 -31.61	53.84 2.25 -24.15	45.28 2.57 -10.64

FPL FAR_ROCK_GT2 23815	41.32 2.84 -0.07	38.92 2.17 -4.91	37.13 1.63 -8.76	36.51 1.73 -5.45	38.00 1.88 -3.66	41.10 2.29 0.00	45.77 2.87 0.00	47.77 3.18 -4.85	45.14 3.25 -3.19	40.65 3.15 0.00	38.30 3.16 -0.01	39.93 2.99 -3.68	38.20 2.94 -2.24	44.32 2.89 -8.17	46.17 2.93 -10.26	57.21 3.14 -18.45	75.40 3.13 -35.08	76.28 3.09 -35.90	76.11 3.12 -35.90	69.36 3.11 -30.50	70.51 2.84 -33.45	66.61 2.65 -31.61	53.84 2.25 -24.15	45.28 2.57 -10.64
FRANKLIN_FALL_HYD 24054	37.22 -1.19 0.00	31.42 -0.51 -0.08	26.14 -0.75 -0.14	28.72 -0.70 -0.09	32.29 -0.23 -0.06	38.27 -0.54 0.00	43.03 0.13 0.00	40.81 0.99 -0.08	38.71 -0.04 -0.05	36.38 -1.13 0.00	33.65 -1.48 0.00	31.73 -1.53 0.00	31.64 -1.39 0.00	31.83 -1.46 -0.03	31.86 -1.22 -0.10	34.84 -0.96 -0.17	36.04 -1.45 -0.30	36.16 -1.53 -0.41	35.31 -2.11 -0.33	33.51 -2.50 -0.26	32.34 -2.09 -0.21	29.80 -2.75 -0.20	25.41 -2.25 -0.22	30.01 -2.18 -0.13
FREEPORT_EQUS_GT1 23764	41.13 2.65 -0.07	38.77 2.01 -4.91	37.00 1.50 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.56 2.66 0.00	47.61 3.02 -4.85	44.98 3.10 -3.19	40.46 2.96 0.00	38.09 2.95 -0.01	39.73 2.79 -3.68	38.00 2.74 -2.24	43.91 2.73 -7.92	45.44 2.74 -9.73	55.65 2.96 -17.06	72.31 2.90 -32.21	74.24 2.87 -34.09	73.22 2.90 -33.23	66.64 2.89 -27.99	66.85 2.63 -30.00	63.09 2.43 -28.31	51.87 2.11 -22.32	44.58 2.37 -10.14
FREEPORT___CT2 23818	41.13 2.65 -0.07	38.77 2.01 -4.91	37.00 1.50 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.56 2.66 0.00	47.61 3.02 -4.85	44.98 3.10 -3.19	40.46 2.96 0.00	38.09 2.95 -0.01	39.73 2.79 -3.68	38.00 2.74 -2.24	43.91 2.73 -7.92	45.44 2.74 -9.73	55.65 2.96 -17.06	72.31 2.90 -32.21	74.24 2.87 -34.09	73.22 2.90 -33.23	66.64 2.89 -27.99	66.85 2.63 -30.00	63.09 2.43 -28.31	51.87 2.11 -22.32	44.58 2.37 -10.14
FRESHKLS_33_KV_LOAD 356253	40.78 2.30 -0.07	38.48 1.72 -4.91	36.92 1.42 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.52 1.71 0.00	44.79 1.89 0.00	46.68 2.11 -4.84	44.21 2.32 -3.19	39.79 2.29 0.00	37.38 2.25 0.00	39.12 2.20 -3.67	37.40 2.15 -2.23	42.10 2.10 -6.74	42.25 2.14 -7.14	48.32 2.39 -10.30	57.72 2.34 -18.18	64.80 2.27 -25.25	59.62 2.34 -20.19	53.90 2.40 -15.74	49.38 2.02 -13.14	46.55 1.97 -12.22	42.52 1.70 -13.38	41.71 1.96 -7.69
FULTON COGEN____ 23766	37.34 -1.08 -0.01	31.32 -0.89 -0.36	26.65 -0.75 -0.65	28.95 -0.79 -0.41	31.82 -0.91 -0.27	37.72 -1.09 0.00	41.74 -1.16 0.00	38.87 -1.23 -0.36	37.70 -1.24 -0.24	36.34 -1.16 0.00	34.07 -1.05 0.00	32.29 -0.96 0.00	32.05 -0.99 -0.02	32.44 -0.96 -0.14	32.49 -0.96 -0.48	35.36 -1.03 -0.77	37.51 -1.04 -1.35	38.15 -1.01 -1.88	37.63 -0.96 -1.50	36.00 -0.93 -1.17	34.30 -0.89 -0.98	32.55 -0.71 -0.91	27.83 -0.60 -1.00	31.90 -0.74 -0.57
FULTON___LFGE 323630	40.50 2.00 -0.09	39.97 1.66 -6.46	39.56 1.28 -11.53	37.98 1.47 -7.18	38.94 1.65 -4.82	41.02 2.21 0.00	45.34 2.44 0.00	48.54 2.42 -6.37	44.98 2.09 -4.20	39.07 1.57 0.00	36.36 1.23 0.00	35.18 1.06 -0.85	34.85 1.09 -0.74	38.23 1.33 -3.64	42.93 1.35 -8.61	51.15 1.96 -13.56	63.48 2.34 -23.94	73.03 2.50 -33.25	66.17 2.49 -26.59	58.78 2.29 -20.73	53.65 2.12 -17.31	50.45 2.01 -16.09	46.68 1.62 -17.62	43.96 1.76 -10.13
G.F.CEMENT___DRP 24184	40.84 2.34 -0.09	39.86 2.01 -6.00	39.06 1.60 -10.71	37.79 1.79 -6.67	38.98 2.04 -4.48	41.33 2.52 0.00	45.77 2.87 0.00	48.48 2.82 -5.92	45.11 2.52 -3.90	39.79 2.29 0.00	37.17 2.04 0.00	36.34 1.96 -1.12	35.84 1.95 -0.87	39.03 1.96 -3.81	42.94 1.91 -8.06	50.50 2.28 -12.59	61.99 2.57 -22.23	70.82 2.65 -30.89	64.44 2.63 -24.71	57.45 2.43 -19.26	52.56 2.26 -16.08	49.37 2.07 -14.95	45.56 1.76 -16.37	43.47 1.99 -9.41
GARDENVILLE___LBMP 24039	35.73 -2.69 -0.01	29.84 -2.74 -0.72	25.87 -2.17 -1.29	27.76 -2.38 -0.80	30.24 -2.76 -0.54	36.29 -2.52 0.00	39.77 -3.13 0.00	36.75 -3.58 -0.58	35.75 -3.33 -0.39	35.21 -2.29 0.00	32.67 -2.46 0.00	30.73 -2.53 0.00	30.31 -2.74 -0.03	30.47 -3.03 -0.23	30.54 -3.20 -0.77	32.71 -3.42 -0.50	34.72 -3.35 -0.87	37.01 -3.28 -3.01	36.43 -3.08 -2.41	34.67 -2.97 -1.88	32.57 -3.22 -1.57	30.00 -2.94 -0.59	26.54 -2.50 -1.60	30.26 -2.73 -0.92
GARDNVLA_35_KV_LD 355827	35.92 -2.50 -0.01	29.93 -2.64 -0.73	25.93 -2.11 -1.30	27.85 -2.29 -0.81	30.31 -2.69 -0.54	36.44 -2.37 0.00	39.98 -2.92 0.00	36.87 -3.46 -0.59	35.91 -3.17 -0.39	35.40 -2.10 0.00	32.84 -2.28 0.00	30.90 -2.36 0.00	30.48 -2.58 -0.03	30.60 -2.89 -0.23	30.68 -3.07 -0.78	32.87 -3.28 -0.52	34.90 -3.20 -0.90	37.23 -3.09 -3.05	36.64 -2.89 -2.44	34.83 -2.82 -1.90	32.76 -3.05 -1.59	30.15 -2.81 -0.61	26.67 -2.39 -1.62	30.40 -2.60 -0.93
GELCKHM___115KV_LOAD 80723	37.72 -0.69 -0.01	31.69 -0.57 -0.42	27.01 -0.48 -0.74	29.30 -0.50 -0.46	32.19 -0.58 -0.31	38.15 -0.66 0.00	42.17 -0.73 0.00	39.36 -0.79 -0.41	38.16 -0.81 -0.27	36.79 -0.71 0.00	34.50 -0.63 0.00	32.66 -0.60 0.00	32.44 -0.59 -0.02	32.82 -0.60 -0.16	32.92 -0.59 -0.54	35.86 -0.64 -0.87	38.11 -0.63 -1.54	38.83 -0.60 -2.15	38.25 -0.56 -1.72	36.52 -0.57 -1.34	34.79 -0.55 -1.12	32.97 -0.42 -1.04	28.22 -0.36 -1.14	32.30 -0.42 -0.65
GENERAL___MILLS 23808	35.85 -2.57 -0.01	29.90 -2.68 -0.73	25.90 -2.14 -1.29	27.79 -2.35 -0.81	30.27 -2.73 -0.54	36.40 -2.41 0.00	39.90 -3.00 0.00	36.83 -3.50 -0.59	35.83 -3.25 -0.39	35.33 -2.18 0.00	32.77 -2.35 0.00	30.83 -2.43 0.00	30.41 -2.64 -0.03	30.53 -2.96 -0.23	30.61 -3.13 -0.77	32.79 -3.35 -0.51	34.81 -3.27 -0.89	37.15 -3.17 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.69 -3.11 -1.58	30.08 -2.88 -0.60	26.61 -2.44 -1.61	30.34 -2.66 -0.93
GE_PLASTICS___DRP 24183	39.61 1.11 -0.08	38.54 0.89 -5.80	37.84 0.75 -10.35	36.62 0.85 -6.44	37.70 0.91 -4.33	39.90 1.09 0.00	43.93 1.03 0.00	46.45 0.99 -5.72	43.43 0.97 -3.77	38.48 0.98 0.00	36.08 0.95 0.00	35.44 0.96 -1.22	34.89 0.96 -0.91	38.02 0.90 -3.86	41.64 0.86 -7.82	48.58 0.78 -12.17	59.49 0.82 -21.48	67.95 0.82 -29.85	61.78 0.82 -23.87	55.16 0.79 -18.61	50.51 0.75 -15.54	47.44 0.65 -14.44	43.83 0.58 -15.81	41.80 0.64 -9.09
GILBOA___1 23756	39.40 0.92 -0.07	37.16 0.73 -4.58	35.54 0.62 -8.18	35.10 0.68 -5.09	36.59 0.71 -3.42	39.70 0.89 0.00	43.84 0.94 0.00	45.25 0.99 -4.52	42.75 1.08 -2.97	38.55 1.05 0.00	36.11 0.98 0.00	34.81 0.97 -0.59	34.46 0.92 -0.51	36.74 0.93 -2.55	39.99 0.92 -6.10	46.24 1.00 -9.61	55.14 0.97 -16.97	61.81 0.97 -23.56	56.90 0.96 -18.85	51.45 1.00 -14.69	47.41 0.92 -12.27	44.57 0.81 -11.41	40.61 0.69 -12.48	40.01 0.77 -7.18
GILBOA___2 23757	39.40 0.92 -0.07	37.16 0.73 -4.58	35.54 0.62 -8.18	35.10 0.68 -5.09	36.59 0.71 -3.42	39.70 0.89 0.00	43.84 0.94 0.00	45.25 0.99 -4.52	42.75 1.08 -2.97	38.55 1.05 0.00	36.11 0.98 0.00	34.81 0.97 -0.59	34.46 0.92 -0.51	36.74 0.93 -2.55	39.99 0.92 -6.10	46.24 1.00 -9.61	55.14 0.97 -16.97	61.81 0.97 -23.56	56.90 0.96 -18.85	51.45 1.00 -14.69	47.41 0.92 -12.27	44.57 0.81 -11.41	40.61 0.69 -12.48	40.01 0.77 -7.18

GILBOA___3 23758	39.40 0.92 -0.07	37.16 0.73 -4.58	35.54 0.62 -8.18	35.10 0.68 -5.09	36.59 0.71 -3.42	39.70 0.89 0.00	43.84 0.94 0.00	45.25 0.99 -4.52	42.75 1.08 -2.97	38.55 1.05 0.00	36.11 0.98 0.00	34.81 0.97 -0.59	34.46 0.92 -0.51	36.74 0.93 -2.55	39.99 0.92 -6.10	46.24 1.00 -9.61	55.14 0.97 -16.97	61.81 0.97 -23.56	56.90 0.96 -18.85	51.45 1.00 -14.69	47.41 0.92 -12.27	44.57 0.81 -11.41	40.61 0.69 -12.48	40.01 0.77 -7.18
GILBOA___4 23759	39.40 0.92 -0.07	37.16 0.73 -4.58	35.54 0.62 -8.18	35.10 0.68 -5.09	36.59 0.71 -3.42	39.70 0.89 0.00	43.84 0.94 0.00	45.25 0.99 -4.52	42.75 1.08 -2.97	38.55 1.05 0.00	36.11 0.98 0.00	34.81 0.97 -0.59	34.46 0.92 -0.51	36.74 0.93 -2.55	39.99 0.92 -6.10	46.24 1.00 -9.61	55.14 0.97 -16.97	61.81 0.97 -23.56	56.90 0.96 -18.85	51.45 1.00 -14.69	47.41 0.92 -12.27	44.57 0.81 -11.41	40.61 0.69 -12.48	40.01 0.77 -7.18
GILBOA___ 23599	39.40 0.92 -0.07	37.16 0.73 -4.58	35.54 0.62 -8.18	35.10 0.67 -5.09	36.59 0.71 -3.42	39.70 0.89 0.00	43.84 0.94 0.00	45.25 0.99 -4.52	42.75 1.08 -2.97	38.55 1.05 0.00	36.11 0.98 0.00	34.81 0.96 -0.59	34.46 0.92 -0.51	36.74 0.93 -2.55	39.99 0.92 -6.10	46.24 1.00 -9.61	55.14 0.97 -16.97	61.81 0.97 -23.56	56.91 0.96 -18.85	51.45 1.00 -14.69	47.41 0.92 -12.27	44.57 0.81 -11.41	40.61 0.69 -12.48	40.01 0.77 -7.18
GINNA___ 23603	35.00 -3.42 -0.01	29.70 -2.68 -0.53	25.44 -2.25 -0.94	27.57 -2.35 -0.59	30.19 -2.66 -0.39	35.59 -3.22 0.00	39.21 -3.69 0.00	36.90 -3.38 -0.54	35.88 -3.17 -0.35	34.43 -3.07 0.00	32.21 -2.92 0.00	30.43 -2.83 0.00	30.24 -2.81 -0.02	30.64 -2.83 -0.21	30.88 -2.80 -0.71	33.22 -2.99 -0.59	35.32 -2.90 -1.03	37.13 -2.95 -2.79	36.47 -2.86 -2.23	34.85 -2.65 -1.74	32.90 -2.77 -1.45	30.43 -2.62 -0.69	26.67 -2.25 -1.48	30.55 -2.37 -0.85
GLEN PARK___ 23778	37.99 -0.42 0.00	31.84 -0.26 -0.25	26.79 -0.40 -0.44	29.23 -0.38 -0.27	32.32 -0.32 -0.18	38.65 -0.15 0.00	42.98 0.09 0.00	40.30 0.32 -0.24	38.67 -0.19 -0.16	36.83 -0.67 0.00	34.21 -0.91 0.00	32.16 -1.10 0.00	32.11 -0.92 -0.01	32.42 -0.93 -0.10	32.50 -0.79 -0.32	35.68 -0.46 -0.52	37.89 -0.22 -0.92	38.63 0.07 -1.27	38.11 0.00 -1.02	36.41 -0.14 -0.79	34.91 0.03 -0.66	32.64 -0.32 -0.62	27.68 -0.44 -0.67	31.91 -0.55 -0.39
GLENDALE_27_KV_LOAD 356172	40.98 2.50 -0.07	38.67 1.91 -4.91	37.08 1.58 -8.76	36.43 1.64 -5.45	37.94 1.82 -3.66	40.87 2.06 0.00	45.17 2.27 0.00	47.12 2.54 -4.84	44.71 2.82 -3.19	40.31 2.81 0.00	37.87 2.74 0.00	39.59 2.66 -3.67	37.86 2.61 -2.23	42.57 2.56 -6.74	42.68 2.57 -7.14	48.71 2.78 -10.30	58.09 2.72 -18.18	65.17 2.65 -25.25	59.96 2.67 -20.19	54.22 2.72 -15.74	49.76 2.40 -13.14	46.81 2.23 -12.22	42.71 1.89 -13.38	41.87 2.12 -7.69
GLENWOOD_IC_1_G5 23712	40.98 2.50 -0.07	38.64 1.88 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.84 1.72 -3.66	40.87 2.06 0.00	45.39 2.49 0.00	47.38 2.78 -4.85	44.83 2.94 -3.19	40.35 2.85 0.00	37.99 2.85 -0.02	39.63 2.69 -3.68	37.90 2.64 -2.24	44.15 2.63 -8.26	46.09 2.64 -10.48	57.49 2.85 -19.01	76.28 2.83 -36.25	76.68 2.76 -36.64	76.87 2.78 -36.99	70.06 2.79 -31.52	71.61 2.53 -34.86	67.63 2.33 -32.95	54.31 1.98 -24.89	45.13 2.21 -10.85
GLENWOOD_IC_2_G1 23688	40.75 2.27 -0.07	38.51 1.75 -4.91	36.89 1.39 -8.76	36.25 1.47 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.17 2.27 0.00	47.13 2.55 -4.84	44.59 2.71 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.38 2.46 -3.66	37.69 2.44 -2.22	42.49 2.43 -6.80	42.69 2.44 -7.28	48.90 2.60 -10.67	58.76 2.60 -18.96	65.59 2.57 -25.74	60.61 2.60 -20.92	54.76 2.58 -16.42	50.62 2.33 -14.08	47.60 2.13 -13.11	43.12 1.81 -13.87	41.92 2.02 -7.83
GLENWOOD_IC_3_G1 23689	40.75 2.27 -0.07	38.51 1.75 -4.91	36.89 1.39 -8.76	36.25 1.47 -5.45	37.74 1.62 -3.66	40.71 1.90 0.00	45.17 2.27 0.00	47.13 2.55 -4.84	44.59 2.71 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.38 2.46 -3.66	37.69 2.44 -2.22	42.49 2.43 -6.80	42.69 2.44 -7.28	48.90 2.60 -10.67	58.76 2.60 -18.96	65.59 2.57 -25.74	60.61 2.60 -20.92	54.76 2.58 -16.42	50.62 2.33 -14.08	47.60 2.13 -13.11	43.12 1.81 -13.87	41.92 2.02 -7.83
GLENWOOD___4 23550	40.98 2.50 -0.07	38.64 1.88 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.84 1.72 -3.66	40.87 2.06 0.00	45.39 2.49 0.00	47.38 2.78 -4.85	44.83 2.94 -3.19	40.35 2.85 0.00	37.99 2.85 -0.02	39.63 2.69 -3.68	37.90 2.64 -2.24	44.15 2.63 -8.26	46.09 2.64 -10.48	57.49 2.85 -19.01	76.28 2.83 -36.25	76.68 2.76 -36.64	76.87 2.78 -36.99	70.06 2.79 -31.52	71.61 2.53 -34.86	67.63 2.33 -32.95	54.31 1.98 -24.89	45.13 2.21 -10.85
GLENWOOD___5 23614	40.98 2.50 -0.07	38.64 1.88 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.84 1.72 -3.66	40.87 2.06 0.00	45.39 2.49 0.00	47.38 2.78 -4.85	44.83 2.94 -3.19	40.35 2.85 0.00	37.99 2.85 -0.02	39.63 2.69 -3.68	37.90 2.64 -2.24	44.15 2.63 -8.26	46.09 2.64 -10.48	57.49 2.85 -19.01	76.28 2.83 -36.25	76.68 2.76 -36.64	76.87 2.78 -36.99	70.06 2.79 -31.52	71.61 2.53 -34.86	67.63 2.33 -32.95	54.31 1.98 -24.89	45.13 2.21 -10.85
GLOBAL GREEN_PORT_GT1 23814	41.44 2.96 -0.07	38.92 2.17 -4.91	37.03 1.52 -8.76	36.46 1.67 -5.45	37.87 1.75 -3.66	41.06 2.25 0.00	45.90 3.00 0.00	48.28 3.70 -4.85	45.48 3.60 -3.19	40.91 3.41 0.00	38.54 3.41 -0.01	40.29 3.36 -3.67	38.49 3.24 -2.23	44.04 3.16 -7.62	45.17 3.13 -9.07	54.10 3.14 -15.33	69.02 3.20 -28.62	72.43 3.32 -31.83	70.40 3.41 -29.90	63.94 3.33 -24.86	62.85 2.94 -25.69	59.20 2.65 -24.20	49.83 2.36 -20.03	44.53 2.95 -9.52
GLOBE___DSASP 323697	34.58 -3.84 -0.01	29.40 -3.12 -0.67	25.46 -2.49 -1.20	27.32 -2.76 -0.75	29.78 -3.18 -0.50	35.08 -3.73 0.00	38.39 -4.50 0.00	35.57 -4.69 -0.52	34.74 -4.30 -0.34	33.90 -3.60 0.00	31.47 -3.65 0.00	29.70 -3.56 0.00	29.42 -3.63 -0.03	29.71 -3.76 -0.21	29.66 -3.99 -0.68	31.85 -4.31 -0.53	34.04 -4.09 -0.93	35.47 -4.47 -2.67	35.11 -4.12 -2.13	33.49 -3.93 -1.67	31.40 -4.21 -1.39	29.29 -3.69 -0.63	25.78 -3.07 -1.42	29.74 -3.14 -0.82
GOETHSLN___LBMP 323567	40.63 2.15 -0.07	38.41 1.66 -4.91	36.89 1.39 -8.76	36.22 1.44 -5.45	37.71 1.59 -3.66	40.63 1.82 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.52 2.63 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.40 2.39 -6.75	42.49 2.37 -7.14	48.49 2.57 -10.30	57.91 2.53 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	54.00 2.50 -15.74	49.58 2.22 -13.14	46.61 2.04 -12.22	42.55 1.73 -13.38	41.65 1.89 -7.69
GOLAH___69_KV_TB 1_2 80279	36.42 -2.00 -0.01	30.88 -1.53 -0.55	26.47 -1.26 -0.99	28.66 -1.29 -0.61	31.35 -1.53 -0.41	37.02 -1.79 0.00	40.67 -2.23 0.00	38.10 -2.19 -0.55	37.08 -1.97 -0.36	35.74 -1.76 0.00	33.30 -1.83 0.00	31.46 -1.80 0.00	31.20 -1.85 -0.02	31.61 -1.86 -0.21	31.71 -1.98 -0.72	34.02 -2.17 -0.56	36.21 -1.97 -0.98	38.04 -2.09 -2.85	37.52 -1.85 -2.28	35.89 -1.64 -1.77	33.78 -1.92 -1.48	31.30 -1.71 -0.66	27.49 -1.45 -1.51	31.62 -1.31 -0.87

GOODYEAR_LAKE_HYD 323669	39.58 1.15 -0.02	34.15 0.86 -1.44	29.98 0.67 -2.57	31.63 0.70 -1.60	34.34 0.81 -1.07	39.97 1.16 0.00	44.27 1.37 0.00	42.54 1.39 -1.41	41.06 1.43 -0.93	38.89 1.39 0.00	36.32 1.19 0.00	34.32 1.06 0.00	34.20 1.12 -0.06	35.01 1.20 -0.56	36.06 1.22 -1.87	40.18 1.53 -3.02	44.16 1.64 -5.33	46.35 1.71 -7.36	44.61 1.63 -5.88	41.88 1.54 -4.59	39.52 1.47 -3.83	37.16 1.23 -3.58	32.30 0.96 -3.90	35.37 1.06 -2.24
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.43 0.00 -0.02	33.13 -0.22 -1.50	29.26 -0.16 -2.68	30.82 -0.18 -1.67	33.35 -0.23 -1.12	38.85 0.04 0.00	42.94 0.04 0.00	41.12 -0.08 -1.46	39.66 0.00 -0.96	37.80 0.30 0.00	35.30 0.18 0.00	32.84 0.10 0.51	32.83 0.03 0.22	33.12 -0.03 0.10	34.77 -0.03 -1.83	38.78 0.00 -3.15	42.80 0.04 -5.56	45.04 0.15 -7.61	43.36 0.19 -6.08	40.61 0.11 -4.74	38.25 0.07 -3.96	36.12 0.03 -3.74	31.44 -0.03 -4.03	34.32 -0.06 -2.32
GOUDEY___7 23579	38.43 0.00 -0.02	33.13 -0.22 -1.50	29.26 -0.16 -2.68	30.82 -0.18 -1.67	33.35 -0.23 -1.12	38.85 0.04 0.00	42.94 0.04 0.00	41.12 -0.08 -1.46	39.66 0.00 -0.96	37.80 0.30 0.00	35.30 0.18 0.00	32.84 0.10 0.51	32.83 0.03 0.22	33.12 -0.03 0.10	34.77 -0.03 -1.83	38.78 0.00 -3.15	42.80 0.04 -5.56	45.04 0.15 -7.61	43.36 0.19 -6.08	40.61 0.11 -4.74	38.25 0.07 -3.96	36.12 0.03 -3.74	31.44 -0.03 -4.03	34.32 -0.06 -2.32
GOUDEY___8 23580	38.43 0.00 -0.02	33.13 -0.22 -1.50	29.26 -0.16 -2.68	30.82 -0.18 -1.67	33.35 -0.23 -1.12	38.85 0.04 0.00	42.94 0.04 0.00	41.12 -0.08 -1.46	39.66 0.00 -0.96	37.80 0.30 0.00	35.30 0.18 0.00	32.84 0.10 0.51	32.83 0.03 0.22	33.12 -0.03 0.10	34.77 -0.03 -1.83	38.78 0.00 -3.15	42.80 0.04 -5.56	45.04 0.15 -7.61	43.36 0.19 -6.08	40.61 0.11 -4.74	38.25 0.07 -3.96	36.12 0.03 -3.74	31.44 -0.03 -4.03	34.32 -0.06 -2.32
GOWANUS_GT1_1 24077	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT1_2 24078	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT1_3 24079	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT1_4 24080	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT1_5 24084	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT1_6 24111	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT1_7 24112	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT1_8 24113	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT2_1 24114	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT2_2 24115	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT2_3 24116	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69

GOWANUS_GT2_4 24117	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT2_5 24118	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT2_6 24119	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT2_7 24120	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT2_8 24121	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT3_1 24122	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT3_2 24123	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GOWANUS_GT3_3 24124	40.86 2.38 -0.07																							

GOWANUS_GT4_3 24132	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.36 2.43 -3.67	37.63 2.38 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT4_4 24133	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.36 2.43 -3.67	37.63 2.38 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT4_5 24134	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.36 2.43 -3.67	37.63 2.38 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT4_6 24135	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.36 2.43 -3.67	37.63 2.38 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT4_7 24136	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.36 2.43 -3.67	37.63 2.38 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GOWANUS_GT4_8 24137	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.44 2.55 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.36 2.43 -3.67	37.63 2.38 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
GREENBSH_115KV_TB3 55895	39.68 1.19 -0.08	38.66 0.99 -5.82	37.96 0.83 -10.39	36.74 0.94 -6.47	37.81 1.01 -4.35	40.01 1.20 0.00	43.93 1.03 0.00	46.48 0.99 -5.74	43.45 0.97 -3.78	38.48 0.98 0.00	36.15 1.02 0.00	35.49 1.00 -1.24	34.94 0.99 -0.92	38.12 0.96 -3.89	41.71 0.89 -7.85	48.53 0.68 -12.22	59.47 0.71 -21.57	67.96 0.71 -29.97	61.77 0.70 -23.97	55.13 0.68 -18.69	50.47 0.65 -15.60	47.37 0.52 -14.50	43.81 0.49 -15.88	41.74 0.55 -9.13
GREENIDGE_115KV_TB5 80291	37.58 -0.84 -0.01	31.83 -0.92 -0.90	27.63 -0.72 -1.60	29.57 -0.76 -1.00	32.29 -0.84 -0.67	38.19 -0.62 0.00	42.30 -0.60 0.00	39.92 -0.68 -0.86	38.64 -0.62 -0.57	37.16 -0.34 0.00	34.60 -0.53 0.00	32.63 -0.63 0.00	32.30 -0.76 -0.04	32.77 -0.83 -0.34	33.25 -0.86 -1.14	33.91 -0.86 0.86	35.00 -0.63 1.57	41.34 -0.41 -4.47	40.38 -0.30 -3.58	38.15 -0.39 -2.79	36.00 -0.55 -2.33	30.70 -0.61 1.04	29.23 -0.58 -2.37	32.76 -0.67 -1.36
GREENIDGE___3 23582	37.58 -0.84 -0.01	31.83 -0.92 -0.90	27.63 -0.72 -1.60	29.57 -0.76 -1.00	32.29 -0.84 -0.67	38.19 -0.62 0.00	42.30 -0.60 0.00	39.92 -0.68 -0.86	38.64 -0.62 -0.57	37.16 -0.34 0.00	34.60 -0.53 0.00	32.63 -0.63 0.00	32.30 -0.76 -0.04	32.77 -0.83 -0.34	33.25 -0.86 -1.14	33.91 -0.86 0.86	35.00 -0.63 1.57	41.34 -0.41 -4.47	40.38 -0.30 -3.58	38.15 -0.39 -2.79	36.00 -0.55 -2.33	30.70 -0.61 1.04	29.23 -0.58 -2.37	32.76 -0.67 -1.36
GREENIDGE___4 23583	37.61 -0.81 -0.01	31.83 -0.92 -0.90	27.63 -0.72 -1.60	29.57 -0.76 -1.00	32.29 -0.84 -0.67	38.19 -0.62 0.00	42.30 -0.60 0.00	39.92 -0.68 -0.86	38.60 -0.66 -0.57	37.16 -0.34 0.00	34.64 -0.49 0.00	32.63 -0.63 0.00	32.33 -0.73 -0.04	32.77 -0.83 -0.34	33.25 -0.86 -1.14	33.91 -0.86 0.86	35.00 -0.63 1.57	41.34 -0.41 -4.47	40.37 -0.30 -3.58	38.15 -0.39 -2.79	36.00 -0.55 -2.33	30.67 -0.65 1.04	29.23 -0.58 -2.37	32.76 -0.67 -1.36
GREENLWN_69_KV_BK 3 55738	41.32 2.84 -0.07	38.92 2.17 -4.91	37.08 1.58 -8.76	36.49 1.70 -5.45	37.94 1.82 -3.66	41.06 2.25 0.00	45.77 2.87 0.00	47.85 3.26 -4.85	45.17 3.29 -3.19	40.58 3.08 0.00	38.33 3.20 -0.01	39.89 2.96 -3.67	38.19 2.94 -2.23	43.79 2.89 -7.64	45.05 2.97 -9.11	54.25 3.17 -15.45	69.22 3.16 -28.86	72.40 3.13 -31.99	70.38 3.15 -30.13	63.98 3.15 -25.07	63.04 2.84 -25.99	59.48 2.65 -24.48	49.90 2.28 -20.18	44.19 2.57 -9.56
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
GRISSOM___SOLAR 323813	40.46 1.96 -0.09	39.91 1.66 -6.40	39.46 1.28 -11.43	37.88 1.44 -7.11	38.89 1.65 -4.78	40.94 2.13 0.00	45.30 2.40 0.00	48.40 2.34 -6.32	44.91 2.05 -4.16	39.11 1.61 0.00	36.39 1.26 0.00	35.27 1.13 -0.88	34.93 1.16 -0.75	38.28 1.36 -3.65	42.89 1.38 -8.54	51.00 1.92 -13.44	63.20 2.27 -23.73	72.63 2.39 -32.96	65.86 2.41 -26.36	58.53 2.22 -20.55	53.43 2.05 -17.16	50.21 1.91 -15.95	46.47 1.56 -17.46	43.84 1.73 -10.04
GROVEVILLE___HYD 323602	40.63 2.15 -0.07	38.43 1.66 -4.92	36.95 1.42 -8.78	36.27 1.47 -5.47	37.79 1.66 -3.68	40.79 1.98 0.00	45.17 2.27 0.00	46.90 2.30 -4.85	44.41 2.52 -3.20	39.94 2.44 0.00	37.31 2.18 0.00	38.73 2.10 -3.38	37.17 2.08 -2.07	41.75 2.13 -6.36	42.25 2.18 -7.10	48.42 2.46 -10.33	57.93 2.49 -18.24	65.11 2.50 -25.33	59.84 2.49 -20.26	54.02 2.47 -15.79	49.69 2.29 -13.19	46.65 2.04 -12.26	42.53 1.67 -13.42	41.74 1.96 -7.71
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.99 -0.42 -0.01	31.90 -0.41 -0.47	27.25 -0.32 -0.83	29.50 -0.35 -0.52	32.42 -0.39 -0.35	38.38 -0.43 0.00	42.47 -0.43 0.00	39.68 -0.52 -0.46	38.46 -0.54 -0.30	37.05 -0.45 0.00	34.74 -0.39 0.00	32.89 -0.37 0.00	32.65 -0.40 -0.02	33.07 -0.37 -0.18	33.22 -0.36 -0.61	36.21 -0.39 -0.98	38.59 -0.33 -1.72	39.38 -0.30 -2.40	38.71 -0.30 -1.92	36.96 -0.29 -1.49	35.19 -0.27 -1.25	33.32 -0.19 -1.16	28.55 -0.16 -1.27	32.61 -0.19 -0.73

HAMLTNNY_34_KV_TB 80303	37.92 -0.50 -0.01	31.90 -0.45 -0.49	27.28 -0.35 -0.88	29.50 -0.38 -0.55	32.41 -0.42 -0.37	38.34 -0.47 0.00	42.47 -0.43 0.00	39.71 -0.52 -0.49	38.48 -0.54 -0.32	37.05 -0.45 0.00	34.71 -0.42 0.00	32.86 -0.40 0.00	32.65 -0.40 -0.02	33.05 -0.40 -0.19	33.22 -0.40 -0.65	36.24 -0.43 -1.04	38.70 -0.33 -1.83	39.53 -0.30 -2.55	38.87 -0.26 -2.04	37.06 -0.29 -1.59	35.23 -0.31 -1.33	33.39 -0.19 -1.23	28.60 -0.19 -1.35	32.62 -0.22 -0.78
HAMPSHIRE___PAPER_HYD 323593	37.45 -0.96 0.00	31.58 -0.41 -0.14	26.39 -0.61 -0.26	28.91 -0.59 -0.16	32.21 -0.36 -0.11	38.30 -0.51 0.00	42.77 -0.13 0.00	40.32 0.44 -0.14	38.44 -0.35 -0.09	36.34 -1.16 0.00	33.65 -1.47 0.00	31.70 -1.56 0.00	31.64 -1.39 -0.01	31.89 -1.43 -0.06	31.94 -1.22 -0.19	34.97 -0.96 -0.30	36.62 -1.11 -0.53	37.01 -1.00 -0.74	36.39 -1.30 -0.59	34.68 -1.54 -0.46	33.40 -1.20 -0.39	31.03 -1.68 -0.36	26.35 -1.48 -0.39	30.75 -1.54 -0.23
HARDSCRABBLE_WT_PWR 323673	38.87 0.46 0.00	32.26 0.41 0.00	27.04 0.29 0.00	29.66 0.32 0.00	32.85 0.39 0.00	39.39 0.58 0.00	43.45 0.56 0.00	40.37 0.63 0.00	39.35 0.66 0.00	38.14 0.64 0.00	35.72 0.60 0.00	33.72 0.47 0.00	33.52 0.50 0.00	33.79 0.53 0.00	33.50 0.53 0.00	36.27 0.64 0.00	37.87 0.67 0.00	37.87 0.59 0.00	37.58 0.48 0.00	36.15 0.39 0.00	34.56 0.34 0.00	32.58 0.23 0.00	27.63 0.19 0.00	32.29 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.36 1.88 -0.07	37.92 1.43 -4.64	36.26 1.23 -8.28	35.75 1.26 -5.15	37.35 1.43 -3.46	40.52 1.71 0.00	44.83 1.93 0.00	46.38 2.07 -4.57	44.03 2.32 -3.01	39.79 2.29 0.00	37.24 2.11 0.00	39.89 2.00 -4.63	37.75 1.98 -2.75	43.20 2.03 -7.91	42.00 2.04 -6.98	47.65 2.28 -9.74	56.66 2.27 -17.19	63.46 2.31 -23.87	58.49 2.30 -19.09	52.90 2.25 -14.89	48.73 2.09 -12.43	45.75 1.84 -11.56	41.63 1.54 -12.65	41.10 1.76 -7.27
HARSNRAD_115KV_TB1 81005	35.15 -3.26 -0.01	29.71 -2.80 -0.66	25.68 -2.25 -1.18	27.63 -2.43 -0.74	30.10 -2.86 -0.49	35.70 -3.10 0.00	39.08 -3.82 0.00	36.23 -4.05 -0.54	35.30 -3.75 -0.36	34.54 -2.96 0.00	32.07 -3.06 0.00	30.23 -3.03 0.00	29.91 -3.14 -0.03	30.15 -3.33 -0.22	30.16 -3.53 -0.71	32.38 -3.78 -0.53	34.55 -3.57 -0.92	36.31 -3.77 -2.80	35.85 -3.49 -2.24	34.18 -3.33 -1.75	32.08 -3.59 -1.46	29.77 -3.20 -0.63	26.24 -2.69 -1.49	30.13 -2.79 -0.86
HARZA MOOSE___RIVER 24016	38.72 0.31 0.00	32.33 0.32 -0.16	27.16 0.13 -0.28	29.68 0.18 -0.18	32.84 0.26 -0.12	39.27 0.47 0.00	43.58 0.69 0.00	40.69 0.79 -0.16	39.19 0.39 -0.10	37.54 0.04 0.00	34.92 -0.21 0.00	32.93 -0.33 0.00	32.80 -0.23 -0.01	33.12 -0.20 -0.06	33.11 -0.07 -0.21	36.10 0.14 -0.33	38.08 0.30 -0.59	38.50 0.41 -0.81	38.04 0.30 -0.65	36.41 0.14 -0.51	34.91 0.27 -0.42	32.71 -0.03 -0.39	27.73 -0.14 -0.43	32.16 -0.16 -0.25
HDSNBRDG_115KV_BRDG_TB1 355580	37.72 -0.69 -0.01	31.67 -0.61 -0.42	27.02 -0.48 -0.75	29.30 -0.50 -0.47	32.19 -0.58 -0.32	38.15 -0.66 0.00	42.17 -0.73 0.00	39.36 -0.79 -0.42	38.20 -0.77 -0.27	36.83 -0.68 0.00	34.50 -0.63 0.00	32.66 -0.60 0.00	32.45 -0.59 -0.02	32.86 -0.57 -0.16	32.93 -0.59 -0.55	35.88 -0.64 -0.89	38.17 -0.60 -1.57	38.86 -0.60 -2.18	38.28 -0.56 -1.74	36.58 -0.54 -1.36	34.80 -0.55 -1.13	32.98 -0.42 -1.05	28.24 -0.36 -1.15	32.31 -0.42 -0.66
HELLGATE_13_KV_LD 55870	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.73 2.48 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
HEMPSTEAD____ 23647	40.86 2.38 -0.07	38.57 1.81 -4.91	36.87 1.36 -8.76	36.22 1.44 -5.45	37.68 1.56 -3.66	40.71 1.90 0.00	45.30 2.40 0.00	47.33 2.74 -4.85	44.71 2.82 -3.19	40.24 2.74 0.00	37.88 2.74 -0.01	39.53 2.60 -3.68	37.80 2.54 -2.24	43.84 2.53 -8.05	45.53 2.54 -10.02	56.19 2.74 -17.81	73.64 2.68 -33.76	75.00 2.65 -35.08	74.45 2.67 -34.68	67.79 2.68 -29.35	68.49 2.39 -31.88	64.65 2.20 -30.10	52.67 1.92 -23.31	44.63 2.15 -10.41
HEWLETT_69_KV_BK3 55828	41.17 2.69 -0.07	38.80 2.04 -4.91	37.00 1.50 -8.76	36.43 1.64 -5.45	37.88 1.75 -3.66	40.94 2.13 0.00	45.60 2.70 0.00	47.61 3.02 -4.85	44.98 3.10 -3.19	40.43 2.93 0.00	38.16 3.02 -0.01	39.76 2.83 -3.68	38.07 2.81 -2.24	44.19 2.76 -8.17	46.00 2.77 -10.26	57.07 2.99 -18.45	75.21 2.94 -35.08	76.09 2.91 -35.90	75.93 2.93 -35.90	69.18 2.93 -30.50	70.34 2.67 -33.45	66.45 2.49 -31.61	53.73 2.14 -24.15	45.12 2.41 -10.64
HICKLING___1 23621	37.47 -0.96 -0.02	31.70 -1.31 -1.16	27.82 -0.99 -2.07	29.51 -1.11 -1.29	32.06 -1.27 -0.87	37.99 -0.81 0.00	42.00 -0.90 0.00	39.69 -1.15 -1.10	38.42 -1.01 -0.72	37.20 -0.30 0.00	34.60 -0.53 0.00	32.59 -0.67 0.00	32.21 -0.86 -0.05	32.66 -1.03 -0.43	33.30 -1.12 -1.45	34.17 -1.18 0.28	35.54 -1.12 0.54	42.15 -0.86 -5.73	40.90 -0.78 -4.58	38.47 -0.86 -3.57	36.24 -0.96 -2.98	30.97 -1.04 0.35	29.57 -0.91 -3.04	32.72 -1.09 -1.75
HICKLING___2 23622	37.47 -0.96 -0.02	31.70 -1.31 -1.16	27.82 -0.99 -2.07	29.51 -1.11 -1.29	32.06 -1.27 -0.87	37.99 -0.81 0.00	42.00 -0.90 0.00	39.69 -1.15 -1.10	38.42 -1.01 -0.72	37.20 -0.30 0.00	34.60 -0.53 0.00	32.59 -0.67 0.00	32.21 -0.86 -0.05	32.66 -1.03 -0.43	33.30 -1.12 -1.45	34.17 -1.18 0.28	35.54 -1.12 0.54	42.15 -0.86 -5.73	40.90 -0.78 -4.58	38.47 -0.86 -3.57	36.24 -0.96 -2.98	30.97 -1.04 0.35	29.57 -0.91 -3.04	32.72 -1.09 -1.75
HIGH FALLS___HY 23754	40.36 1.88 -0.07	38.06 1.37 -4.84	36.56 1.18 -8.64	35.91 1.20 -5.38	37.44 1.36 -3.62	40.48 1.67 0.00	44.91 2.02 0.00	46.58 2.07 -4.77	44.20 2.36 -3.14	39.79 2.29 0.00	37.13 2.00 0.00	37.12 1.90 -1.96	36.19 1.88 -1.28	39.63 1.90 -4.47	41.70 2.01 -6.71	48.14 2.35 -10.16	57.52 2.38 -17.94	64.62 2.42 -24.91	59.47 2.45 -19.92	53.72 2.43 -15.54	49.44 2.26 -12.97	46.42 2.01 -12.06	42.26 1.62 -13.20	41.55 1.89 -7.59
HIGH_RIVER___SOLAR 323847	39.88 1.38 -0.09	39.23 1.18 -6.20	38.75 0.94 -11.07	37.28 1.05 -6.89	38.26 1.17 -4.63	40.28 1.47 0.00	44.57 1.67 0.00	47.49 1.63 -6.12	44.12 1.39 -4.03	38.47 0.97 0.00	35.83 0.70 0.00	34.87 0.63 -0.98	34.45 0.63 -0.80	37.73 0.77 -3.71	42.12 0.86 -8.30	49.93 1.28 -13.02	61.73 1.56 -22.97	70.85 1.64 -31.93	64.30 1.67 -25.53	57.20 1.54 -19.91	52.27 1.44 -16.62	49.12 1.33 -15.45	45.45 1.10 -16.92	43.01 1.22 -9.72

HILLBURN___GT 23639	40.32 1.84 -0.07	37.99 1.43 -4.71	36.38 1.23 -8.40	35.82 1.26 -5.23	37.37 1.39 -3.52	40.44 1.63 0.00	44.78 1.89 0.00	46.45 2.07 -4.64	44.12 2.36 -3.06	39.86 2.36 0.00	37.34 2.21 0.00	40.70 2.13 -5.31	38.23 2.08 -3.12	44.19 2.10 -8.83	42.29 2.11 -7.21	47.76 2.25 -9.88	56.91 2.27 -17.44	63.78 2.27 -24.23	58.77 2.30 -19.37	53.12 2.25 -15.11	48.88 2.05 -12.61	45.92 1.84 -11.73	41.81 1.54 -12.83	41.15 1.70 -7.38
HILLSIDE_115KV_TB1 80332	37.16 -1.27 -0.02	31.49 -1.56 -1.20	27.66 -1.23 -2.15	29.29 -1.38 -1.34	31.80 -1.56 -0.90	37.64 -1.16 0.00	41.57 -1.33 0.00	39.30 -1.59 -1.14	38.06 -1.39 -0.75	36.83 -0.68 0.00	34.32 -0.81 0.00	32.33 -0.93 0.00	31.95 -1.12 -0.05	32.41 -1.30 -0.45	33.10 -1.38 -1.51	34.11 -1.46 0.05	35.58 -1.49 0.14	41.98 -1.27 -5.97	40.72 -1.15 -4.77	38.26 -1.22 -3.72	36.06 -1.27 -3.11	30.98 -1.29 0.07	29.45 -1.15 -3.16	32.48 -1.41 -1.82
HISHELDN_WT_PWR 323625	35.88 -2.54 -0.01	30.06 -2.58 -0.79	26.13 -2.03 -1.41	27.98 -2.23 -0.88	30.45 -2.60 -0.59	36.40 -2.41 0.00	39.94 -2.96 0.00	37.07 -3.34 -0.67	36.01 -3.13 -0.44	35.32 -2.18 0.00	32.85 -2.28 0.00	30.73 -2.53 0.00	30.31 -2.74 -0.03	30.53 -2.99 -0.27	30.69 -3.17 -0.88	32.60 -3.42 -0.40	34.57 -3.31 -0.68	37.54 -3.21 -3.47	36.90 -2.97 -2.78	35.03 -2.90 -2.17	32.95 -3.08 -1.81	29.87 -2.94 -0.46	26.81 -2.47 -1.84	30.43 -2.69 -1.06
HOLTSVILLE_IC_1 23690	41.21 2.73 -0.07	38.83 2.07 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.69 2.79 0.00	47.85 3.26 -4.85	45.09 3.21 -3.19	40.50 3.00 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.67 2.79 -7.62	44.94 2.90 -9.06	53.98 3.03 -15.32	68.85 3.05 -28.60	72.12 3.02 -31.82	70.05 3.08 -29.88	63.67 3.08 -24.84	62.62 2.74 -25.67	59.08 2.56 -24.18	49.71 2.25 -20.02	44.15 2.57 -9.51
HOLTSVILLE_IC_10 23699	41.44 2.96 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.09 3.50 -4.85	45.29 3.41 -3.19	40.69 3.19 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.15 3.10 -9.08	54.20 3.21 -15.36	69.19 3.31 -28.68	72.43 3.28 -31.87	70.39 3.34 -29.95	63.99 3.33 -24.91	62.95 2.98 -25.76	59.36 2.75 -24.26	49.92 2.42 -20.07	44.38 2.79 -9.53
HOLTSVILLE_IC_2 23691	41.21 2.73 -0.07	38.83 2.07 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.69 2.79 0.00	47.85 3.26 -4.85	45.09 3.21 -3.19	40.50 3.00 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.67 2.79 -7.62	44.94 2.90 -9.06	53.98 3.03 -15.32	68.85 3.05 -28.60	72.12 3.02 -31.82	70.05 3.08 -29.88	63.67 3.08 -24.84	62.62 2.74 -25.67	59.08 2.56 -24.18	49.71 2.25 -20.02	44.15 2.57 -9.51
HOLTSVILLE_IC_3 23692	41.21 2.73 -0.07	38.83 2.07 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.69 2.79 0.00	47.85 3.26 -4.85	45.09 3.21 -3.19	40.50 3.00 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.67 2.79 -7.62	44.94 2.90 -9.06	53.98 3.03 -15.32	68.85 3.05 -28.60	72.12 3.02 -31.82	70.05 3.08 -29.88	63.67 3.08 -24.84	62.62 2.74 -25.67	59.08 2.56 -24.18	49.71 2.25 -20.02	44.15 2.57 -9.51
HOLTSVILLE_IC_4 23693	41.21 2.73 -0.07	38.83 2.07 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.69 2.79 0.00	47.85 3.26 -4.85	45.09 3.21 -3.19	40.50 3.00 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.67 2.79 -7.62	44.94 2.90 -9.06	53.98 3.03 -15.32	68.85 3.05 -28.60	72.12 3.02 -31.82	70.05 3.08 -29.88	63.67 3.08 -24.84	62.62 2.74 -25.67	59.08 2.56 -24.18	49.71 2.25 -20.02	44.15 2.57 -9.51
HOLTSVILLE_IC_5 23694	41.21 2.73 -0.07	38.83 2.07 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.69 2.79 0.00	47.85 3.26 -4.85	45.09 3.21 -3.19	40.50 3.00 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.67 2.79 -7.62	44.94 2.90 -9.06	53.98 3.03 -15.32	68.85 3.05 -28.60	72.12 3.02 -31.82	70.05 3.08 -29.88	63.67 3.08 -24.84	62.62 2.74 -25.67	59.08 2.56 -24.18	49.71 2.25 -20.02	44.15 2.57 -9.51
HOLTSVILLE_IC_6 23695	41.44 2.96 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.09 3.50 -4.85	45.29 3.41 -3.19	40.69 3.19 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.15 3.10 -9.08	54.20 3.21 -15.36	69.19 3.31 -28.68	72.43 3.28 -31.87	70.39 3.34 -29.95	63.99 3.33 -24.91	62.95 2.98 -25.76	59.36 2.75 -24.26	49.92 2.42 -20.07	44.38 2.79 -9.53
HOLTSVILLE_IC_7 23696	41.44 2.96 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.09 3.50 -4.85	45.29 3.41 -3.19	40.69 3.19 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.15 3.10 -9.08	54.20 3.21 -15.36	69.19 3.31 -28.68	72.43 3.28 -31.87	70.39 3.34 -29.95	63.99 3.33 -24.91	62.95 2.98 -25.76	59.36 2.75 -24.26	49.92 2.42 -20.07	44.38 2.79 -9.53
HOLTSVILLE_IC_8 23697	41.44 2.96 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.09 3.50 -4.85	45.29 3.41 -3.19	40.69 3.19 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.15 3.10 -9.08	54.20 3.21 -15.36	69.19 3.31 -28.68	72.43 3.28 -31.87	70.39 3.34 -29.95	63.99 3.33 -24.91	62.95 2.98 -25.76	59.36 2.75 -24.26	49.92 2.42 -20.07	44.38 2.79 -9.53
HOLTSVILLE_IC_9 23698	41.44 2.96 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.09 3.50 -4.85	45.29 3.41 -3.19	40.69 3.19 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.15 3.10 -9.08	54.20 3.21 -15.36	69.19 3.31 -28.68	72.43 3.28 -31.87	70.39 3.34 -29.95	63.99 3.33 -24.91	62.95 2.98 -25.76	59.36 2.75 -24.26	49.92 2.42 -20.07	44.38 2.79 -9.53
HOMER_HL_115KV_TB2 355744	36.15 -2.27 -0.01	29.00 -3.66 -0.81	25.28 -2.92 -1.45	26.98 -3.26 -0.90	29.33 -3.73 -0.61	36.75 -2.06 0.00	40.45 -2.45 0.00	36.85 -3.58 -0.69	35.79 -3.37 -0.46	36.15 -1.35 0.00	33.58 -1.55 0.00	31.46 -1.80 0.00	30.68 -2.38 -0.03	30.37 -3.16 -0.27	30.72 -3.17 -0.91	32.71 -3.38 -0.46	34.20 -3.79 -0.80	37.84 -3.02 -3.58	36.92 -3.04 -2.86	34.95 -3.04 -2.23	33.17 -2.91 -1.87	29.82 -3.07 -0.54	26.57 -2.77 -1.90	29.67 -3.50 -1.09
HOWARD_WT_PWR 323690	36.62 -1.80 -0.01	30.79 -2.01 -0.95	26.99 -1.44 -1.69	28.89 -1.49 -1.05	31.51 -1.65 -0.71	37.61 -1.20 0.00	41.61 -1.29 0.00	39.06 -1.55 -0.87	37.72 -1.55 -0.58	36.71 -0.79 0.00	34.07 -1.05 0.00	31.89 -1.37 0.00	31.38 -1.68 -0.04	31.51 -2.09 -0.35	31.72 -2.41 -1.16	32.43 -2.64 0.56	33.64 -2.53 1.03	39.67 -2.16 -4.55	38.73 -2.00 -3.64	36.63 -1.97 -2.84	34.46 -2.12 -2.37	29.47 -2.20 0.68	28.01 -1.84 -2.41	31.34 -2.12 -1.39

HQ_GEN_CEDARS 23644	37.33 -1.08 0.00	31.52 -0.41 -0.08	26.22 -0.67 -0.14	28.80 -0.62 -0.09	32.29 -0.23 -0.06	38.23 -0.58 0.00	42.81 -0.09 0.00	40.49 0.68 -0.08	38.44 -0.31 -0.05	36.19 -1.31 0.00	33.51 -1.62 0.00	31.63 -1.63 0.00	31.57 -1.45 0.00	31.76 -1.53 -0.03	31.76 -1.32 -0.10	34.66 -1.14 -0.17	35.89 -1.60 -0.29	36.01 -1.68 -0.41	35.23 -2.19 -0.33	33.54 -2.47 -0.25	32.37 -2.05 -0.21	29.93 -2.62 -0.20	25.54 -2.11 -0.22	30.17 -2.02 -0.12
HQ_GEN_CEDARS_PROXY 323590	37.18 -1.23 0.00	31.52 -0.41 -0.08	26.22 -0.67 -0.14	28.80 -0.62 -0.09	32.29 -0.23 -0.06	38.23 -0.58 0.00	42.81 -0.09 0.00	40.49 0.67 -0.08	38.56 -0.19 -0.05	36.19 -1.31 0.00	33.48 -1.65 0.00	31.63 -1.63 0.00	31.57 -1.45 0.00	31.76 -1.53 -0.03	31.75 -1.32 -0.10	34.65 -1.14 -0.17	35.89 -1.60 -0.29	36.01 -1.68 -0.41	35.23 -2.19 -0.33	33.54 -2.47 -0.25	32.38 -2.05 -0.21	29.93 -2.62 -0.20	25.54 -2.11 -0.22	30.17 -2.02 -0.12
HQ_GEN_IMPORT 323601	38.41 0.00 0.00	31.85 0.00 0.00	26.74 0.00 0.00	29.33 0.00 0.00	32.46 0.00 0.00	38.81 0.00 0.00	42.90 0.00 0.00	39.74 0.00 0.00	38.70 0.00 0.00	37.50 0.00 0.00	35.13 0.00 0.00	33.26 0.00 0.00	33.02 0.00 0.00	33.26 0.00 0.00	32.97 0.00 0.00	35.63 0.00 0.00	37.20 0.00 0.00	37.28 0.00 0.00	37.10 0.00 0.00	35.76 0.00 0.00	34.22 0.00 0.00	32.35 0.00 0.00	27.44 0.00 0.00	32.07 0.00 0.00
HQ_GEN_WHEEL 23651	38.41 0.00 0.00	31.85 0.00 0.00	26.74 0.00 0.00	29.33 0.00 0.00	32.46 0.00 0.00	38.81 0.00 0.00	42.90 0.00 0.00	39.74 0.00 0.00	38.70 0.00 0.00	37.50 0.00 0.00	35.13 0.00 0.00	33.26 0.00 0.00	33.02 0.00 0.00	33.26 0.00 0.00	32.97 0.00 0.00	35.63 0.00 0.00	37.20 0.00 0.00	37.28 0.00 0.00	37.10 0.00 0.00	35.76 0.00 0.00	34.22 0.00 0.00	32.35 0.00 0.00	27.44 0.00 0.00	32.07 0.00 0.00
HUDSON_AVE_GT_3 23810	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.09 2.19 0.00	47.04 2.46 -4.84	44.63 2.75 -3.19	40.24 2.74 0.00	37.80 2.67 0.00	39.49 2.56 -3.67	37.76 2.51 -2.23	42.47 2.46 -6.75	42.58 2.47 -7.14	48.60 2.67 -10.30	58.02 2.64 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.11 2.61 -15.74	49.69 2.33 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.78 2.02 -7.69
HUDSON_AVE_GT_4 23540	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.09 2.19 0.00	47.04 2.46 -4.84	44.63 2.75 -3.19	40.24 2.74 0.00	37.80 2.67 0.00	39.49 2.56 -3.67	37.76 2.51 -2.23	42.47 2.46 -6.75	42.58 2.47 -7.14	48.60 2.67 -10.30	58.02 2.64 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.11 2.61 -15.74	49.69 2.33 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.78 2.02 -7.69
HUDSON_AVE_GT_5 23657	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.09 2.19 0.00	47.04 2.46 -4.84	44.63 2.75 -3.19	40.24 2.74 0.00	37.80 2.67 0.00	39.49 2.56 -3.67	37.76 2.51 -2.23	42.47 2.46 -6.75	42.58 2.47 -7.14	48.60 2.67 -10.30	58.02 2.64 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.11 2.61 -15.74	49.69 2.33 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.78 2.02 -7.69
HUDSON_AVE_10 24168	40.67 2.19 -0.07	38.44 1.69 -4.91	36.92 1.42 -8.76	36.22 1.44 -5.45	37.74 1.62 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.52 2.63 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.75	42.52 2.41 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.68 1.92 -7.69
HUDSON___115KV_TB 4 355613	40.22 1.73 -0.08	38.82 1.27 -5.69	37.97 1.07 -10.16	36.89 1.23 -6.32	38.04 1.33 -4.25	40.63 1.82 0.00	44.66 1.76 0.00	46.79 1.43 -5.62	43.63 1.24 -3.70	38.74 1.24 0.00	36.22 1.09 0.00	35.69 1.06 -1.37	35.10 1.09 -0.99	38.24 0.96 -4.02	41.64 0.96 -7.71	48.54 0.96 -11.95	59.41 1.12 -21.09	67.86 1.27 -29.31	61.80 1.26 -23.44	55.21 1.18 -18.28	50.61 1.13 -15.26	47.47 0.94 -14.18	43.77 0.80 -15.53	41.93 0.93 -8.93
HUNTER MOUNT___DRP 323613	40.33 1.84 -0.08	38.65 1.24 -5.55	37.70 1.04 -9.91	36.74 1.23 -6.17	37.97 1.36 -4.15	40.83 2.02 0.00	44.83 1.93 0.00	46.61 1.39 -5.48	43.43 1.12 -3.61	38.66 1.16 0.00	36.08 0.95 0.00	35.72 0.93 -1.53	35.05 0.96 -1.07	38.20 0.76 -4.17	41.32 0.79 -7.56	48.11 0.82 -11.66	58.82 1.04 -20.58	67.07 1.19 -28.60	61.19 1.22 -22.87	54.66 1.07 -17.83	50.17 1.06 -14.89	47.06 0.87 -13.84	43.33 0.74 -15.15	41.68 0.90 -8.71
HUNTINGTON_RES_REC 323705	41.36 2.88 -0.07	38.95 2.20 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.06 2.25 0.00	45.82 2.92 0.00	47.93 3.34 -4.85	45.21 3.33 -3.19	40.65 3.15 0.00	38.33 3.20 -0.01	39.93 2.99 -3.67	38.19 2.94 -2.23	43.82 2.93 -7.63	45.09 3.03 -9.09	54.22 3.21 -15.38	69.19 3.27 -28.72	72.42 3.24 -31.90	70.36 3.27 -30.00	63.99 3.29 -24.95	63.01 2.98 -25.81	59.41 2.75 -24.31	49.89 2.36 -20.09	44.30 2.69 -9.53
HUNTLEY___63 23557	35.50 -2.92 -0.01	29.92 -2.61 -0.68	25.88 -2.09 -1.22	27.83 -2.26 -0.76	30.31 -2.66 -0.51	36.01 -2.79 0.00	39.47 -3.43 0.00	36.55 -3.74 -0.55	35.62 -3.44 -0.36	34.91 -2.59 0.00	32.42 -2.70 0.00	30.53 -2.73 0.00	30.18 -2.87 -0.03	30.42 -3.06 -0.22	30.43 -3.26 -0.72	32.66 -3.49 -0.53	34.80 -3.31 -0.92	36.68 -3.43 -2.83	36.17 -3.19 -2.26	34.48 -3.04 -1.77	32.34 -3.35 -1.48	30.00 -2.98 -0.62	26.45 -2.50 -1.50	30.34 -2.60 -0.87
HUNTLEY___64 23558	35.50 -2.92 -0.01	29.92 -2.61 -0.68	25.88 -2.09 -1.22	27.83 -2.26 -0.76	30.31 -2.66 -0.51	36.01 -2.79 0.00	39.47 -3.43 0.00	36.55 -3.74 -0.55	35.62 -3.44 -0.36	34.91 -2.59 0.00	32.42 -2.70 0.00	30.53 -2.73 0.00	30.18 -2.87 -0.03	30.42 -3.06 -0.22	30.43 -3.26 -0.72	32.66 -3.49 -0.53	34.80 -3.31 -0.92	36.68 -3.43 -2.83	36.17 -3.19 -2.26	34.48 -3.04 -1.77	32.34 -3.35 -1.48	30.00 -2.98 -0.62	26.45 -2.50 -1.50	30.34 -2.60 -0.87
HUNTLEY___65 23559	35.50 -2.92 -0.01	29.92 -2.61 -0.68	25.88 -2.09 -1.22	27.83 -2.26 -0.76	30.31 -2.66 -0.51	36.01 -2.79 0.00	39.47 -3.43 0.00	36.55 -3.74 -0.55	35.62 -3.44 -0.36	34.91 -2.59 0.00	32.42 -2.70 0.00	30.53 -2.73 0.00	30.18 -2.87 -0.03	30.42 -3.06 -0.22	30.43 -3.26 -0.72	32.66 -3.49 -0.53	34.80 -3.31 -0.92	36.68 -3.43 -2.83	36.17 -3.19 -2.26	34.48 -3.04 -1.77	32.34 -3.35 -1.48	30.00 -2.98 -0.62	26.45 -2.50 -1.50	30.34 -2.60 -0.87
HUNTLEY___66 23560	35.50 -2.92 -0.01	29.92 -2.61 -0.68	25.88 -2.09 -1.22	27.83 -2.26 -0.76	30.31 -2.66 -0.51	36.01 -2.79 0.00	39.47 -3.43 0.00	36.55 -3.74 -0.55	35.62 -3.44 -0.36	34.91 -2.59 0.00	32.42 -2.70 0.00	30.53 -2.73 0.00	30.18 -2.87 -0.03	30.42 -3.06 -0.22	30.43 -3.26 -0.72	32.66 -3.49 -0.53	34.80 -3.31 -0.92	36.68 -3.43 -2.83	36.17 -3.19 -2.26	34.48 -3.04 -1.77	32.34 -3.35 -1.48	30.00 -2.98 -0.62	26.45 -2.50 -1.50	30.34 -2.60 -0.87

HUNTLEY___67 23561	35.35 -3.07 -0.01	29.78 -2.77 -0.70	25.77 -2.22 -1.24	27.67 -2.43 -0.77	30.16 -2.82 -0.52	35.86 -2.95 0.00	39.30 -3.60 0.00	36.35 -3.93 -0.55	35.42 -3.64 -0.36	34.76 -2.74 0.00	32.28 -2.85 0.00	30.40 -2.86 0.00	30.01 -3.04 -0.03	30.25 -3.23 -0.22	30.30 -3.40 -0.72	32.48 -3.67 -0.52	34.57 -3.53 -0.90	36.45 -3.65 -2.83	35.98 -3.38 -2.26	34.27 -3.25 -1.76	32.20 -3.49 -1.47	29.82 -3.14 -0.61	26.31 -2.63 -1.50	30.18 -2.76 -0.86
HUNTLEY___68 23562	35.35 -3.07 -0.01	29.78 -2.77 -0.70	25.77 -2.22 -1.24	27.67 -2.43 -0.77	30.16 -2.82 -0.52	35.86 -2.95 0.00	39.30 -3.60 0.00	36.35 -3.93 -0.55	35.42 -3.64 -0.36	34.76 -2.74 0.00	32.28 -2.85 0.00	30.40 -2.86 0.00	30.01 -3.04 -0.03	30.25 -3.23 -0.22	30.30 -3.40 -0.72	32.48 -3.67 -0.52	34.57 -3.53 -0.90	36.45 -3.65 -2.83	35.98 -3.38 -2.26	34.27 -3.25 -1.76	32.20 -3.49 -1.47	29.82 -3.14 -0.61	26.31 -2.63 -1.50	30.18 -2.76 -0.86
HYLAND___LFG 323620	37.65 -0.77 -0.01	31.77 -0.86 -0.78	27.42 -0.72 -1.39	29.61 -0.59 -0.87	32.33 -0.71 -0.58	38.50 -0.31 0.00	42.51 -0.39 0.00	40.12 -0.36 -0.73	38.56 -0.62 -0.48	36.79 -0.71 0.00	33.97 -1.16 0.00	31.83 -1.43 0.00	31.54 -1.52 -0.03	31.95 -1.60 -0.29	32.33 -1.61 -0.97	34.35 -1.46 -0.18	36.61 -0.89 -0.30	40.76 -0.34 -3.82	40.15 0.00 -3.06	38.36 0.22 -2.38	36.04 -0.17 -1.99	32.14 -0.42 -0.21	29.00 -0.47 -2.03	32.85 -0.38 -1.16
INDECK___CORINTH 23802	40.72 2.23 -0.09	39.77 1.91 -6.01	38.99 1.52 -10.73	37.74 1.73 -6.68	38.89 1.95 -4.49	41.22 2.41 0.00	45.65 2.75 0.00	48.37 2.70 -5.93	45.00 2.40 -3.91	39.67 2.17 0.00	37.09 1.97 0.00	36.23 1.86 -1.11	35.73 1.85 -0.86	38.92 1.86 -3.80	42.86 1.81 -8.07	50.38 2.14 -12.62	61.88 2.42 -22.27	70.72 2.50 -30.95	64.33 2.49 -24.75	57.34 2.29 -19.30	52.48 2.16 -16.11	49.26 1.94 -14.97	45.51 1.67 -16.39	43.38 1.89 -9.43
INDECK___ILION 23567	38.83 0.42 0.00	32.20 0.35 0.00	27.01 0.27 0.00	29.63 0.29 0.00	32.82 0.36 0.00	39.27 0.47 0.00	43.37 0.47 0.00	40.26 0.52 0.00	39.16 0.46 0.00	37.95 0.45 0.00	35.55 0.42 0.00	33.62 0.37 0.00	33.39 0.36 0.00	33.66 0.40 0.00	33.37 0.40 0.00	36.09 0.46 0.00	37.68 0.48 0.00	37.73 0.45 0.00	37.50 0.41 0.00	36.08 0.32 0.00	34.56 0.34 0.00	32.58 0.23 0.00	27.66 0.22 0.00	32.32 0.26 0.00
INDECK___OLEAN 23982	36.23 -2.19 -0.01	29.00 -3.66 -0.81	25.28 -2.91 -1.45	26.98 -3.26 -0.90	29.33 -3.73 -0.61	36.75 -2.06 0.00	40.46 -2.44 0.00	36.85 -3.58 -0.69	35.79 -3.37 -0.46	36.19 -1.31 0.00	33.69 -1.44 0.00	31.43 -1.83 0.00	30.68 -2.38 -0.03	30.37 -3.16 -0.27	30.65 -3.23 -0.91	32.49 -3.60 -0.46	34.02 -3.98 -0.80	37.77 -3.09 -3.58	36.92 -3.04 -2.86	34.95 -3.04 -2.23	33.14 -2.94 -1.87	29.73 -3.17 -0.54	26.60 -2.74 -1.90	29.67 -3.49 -1.09
INDECK___OSWEGO 23783	37.38 -1.04 -0.01	31.35 -0.86 -0.35	26.66 -0.72 -0.63	28.96 -0.76 -0.39	31.85 -0.87 -0.26	37.76 -1.05 0.00	41.78 -1.12 0.00	38.86 -1.23 -0.35	37.65 -1.28 -0.23	36.34 -1.16 0.00	34.07 -1.05 0.00	32.26 -1.00 0.00	32.05 -0.99 -0.01	32.40 -1.00 -0.14	32.45 -0.99 -0.46	35.30 -1.07 -0.74	37.43 -1.08 -1.31	38.06 -1.04 -1.82	37.55 -1.00 -1.46	35.93 -0.96 -1.14	34.24 -0.92 -0.95	32.49 -0.74 -0.88	27.78 -0.63 -0.97	31.89 -0.74 -0.56
INDECK___YERKES 23781	35.62 -2.80 -0.01	29.96 -2.58 -0.68	25.88 -2.09 -1.22	27.86 -2.23 -0.76	30.34 -2.63 -0.51	36.05 -2.75 0.00	39.51 -3.39 0.00	36.55 -3.74 -0.55	35.61 -3.44 -0.36	34.95 -2.55 0.00	32.60 -2.53 0.00	30.57 -2.69 0.00	30.21 -2.84 -0.03	30.45 -3.03 -0.22	30.46 -3.23 -0.72	32.67 -3.49 -0.53	34.84 -3.27 -0.92	36.68 -3.43 -2.83	36.21 -3.15 -2.26	34.52 -3.00 -1.77	32.37 -3.32 -1.48	30.03 -2.94 -0.62	26.45 -2.50 -1.50	30.37 -2.57 -0.87
INDIAN POINT_GT_1 24139	40.40 1.92 -0.07	38.21 1.50 -4.86	36.69 1.26 -8.68	36.03 1.29 -5.41	37.55 1.46 -3.63	40.48 1.67 0.00	44.83 1.93 0.00	46.68 2.15 -4.80	44.26 2.40 -3.16	39.86 2.36 0.00	37.38 2.25 0.00	39.35 2.13 -3.97	37.52 2.11 -2.39	42.47 2.10 -7.12	42.23 2.11 -7.15	48.12 2.28 -10.21	57.53 2.31 -18.03	64.59 2.27 -25.04	59.42 2.30 -20.02	53.62 2.25 -15.61	49.34 2.09 -13.03	46.35 1.88 -12.12	42.27 1.56 -13.27	41.43 1.73 -7.63
INDIAN POINT_GT_2 23659	40.40 1.92 -0.07	38.21 1.50 -4.86	36.69 1.26 -8.68	36.03 1.29 -5.41	37.55 1.46 -3.63	40.48 1.67 0.00	44.83 1.93 0.00	46.68 2.15 -4.80	44.26 2.40 -3.16	39.86 2.36 0.00	37.38 2.25 0.00	39.35 2.13 -3.97	37.52 2.11 -2.39	42.47 2.10 -7.12	42.23 2.11 -7.15	48.12 2.28 -10.21	57.53 2.31 -18.03	64.59 2.27 -25.04	59.42 2.30 -20.02	53.62 2.25 -15.61	49.34 2.09 -13.03	46.35 1.88 -12.12	42.27 1.56 -13.27	41.43 1.73 -7.63
INDIAN POINT_GT_3 24019	40.40 1.92 -0.07	38.21 1.50 -4.86	36.69 1.26 -8.68	36.03 1.29 -5.41	37.55 1.46 -3.63	40.48 1.67 0.00	44.83 1.93 0.00	46.68 2.15 -4.80	44.26 2.40 -3.16	39.86 2.36 0.00	37.38 2.25 0.00	39.35 2.13 -3.97	37.52 2.11 -2.39	42.47 2.10 -7.12	42.23 2.11 -7.15	48.12 2.28 -10.21	57.53 2.31 -18.03	64.59 2.27 -25.04	59.42 2.30 -20.02	53.62 2.25 -15.61	49.34 2.09 -13.03	46.35 1.88 -12.12	42.27 1.56 -13.27	41.43 1.73 -7.63
INDIAN POINT___2 23530	40.36 1.88 -0.07	38.13 1.47 -4.81	36.57 1.23 -8.59	35.94 1.26 -5.35	37.48 1.43 -3.59	40.44 1.63 0.00	44.78 1.89 0.00	46.55 2.07 -4.75	44.14 2.32 -3.13	39.83 2.33 0.00	37.34 2.21 0.00	39.65 2.10 -4.29	37.67 2.08 -2.57	42.85 2.06 -7.53	42.19 2.08 -7.14	47.98 2.25 -10.10	57.26 2.23 -17.83	64.28 2.24 -24.77	59.17 2.26 -19.81	53.42 2.22 -15.45	49.13 2.02 -12.89	46.15 1.81 -11.99	42.07 1.51 -13.12	41.31 1.70 -7.54
INDIAN POINT___3 23531	40.36 1.88 -0.07	38.18 1.47 -4.87	36.69 1.26 -8.69	36.03 1.29 -5.41	37.52 1.43 -3.63	40.48 1.67 0.00	44.79 1.89 0.00	46.65 2.11 -4.80	44.18 2.32 -3.16	39.83 2.33 0.00	37.34 2.21 0.00	39.32 2.10 -3.96	37.49 2.08 -2.39	42.44 2.06 -7.12	42.20 2.08 -7.15	48.09 2.24 -10.22	57.50 2.27 -18.03	64.56 2.24 -25.05	59.39 2.26 -20.03	53.59 2.22 -15.62	49.27 2.02 -13.04	46.29 1.81 -12.13	42.25 1.54 -13.27	41.40 1.70 -7.63
INGHAM_C_115KV_TB7 356103	39.10 0.69 0.00	32.42 0.57 0.00	27.20 0.45 0.00	29.83 0.50 0.00	33.04 0.58 0.00	39.58 0.78 0.00	43.67 0.77 0.00	40.58 0.83 0.00	39.51 0.81 0.00	38.29 0.79 0.00	35.87 0.74 0.00	33.89 0.63 0.00	33.68 0.66 0.00	33.93 0.67 0.00	33.66 0.69 0.00	36.45 0.82 0.00	38.02 0.82 0.00	38.02 0.75 0.00	37.76 0.67 0.00	36.33 0.57 0.00	34.76 0.55 0.00	32.74 0.39 0.00	27.82 0.38 0.00	32.48 0.42 0.00
IP CORINTH___1 23988	40.72 2.23 -0.09	39.77 1.91 -6.01	39.00 1.52 -10.73	37.74 1.73 -6.68	38.89 1.95 -4.49	41.21 2.41 0.00	45.64 2.75 0.00	48.37 2.70 -5.93	45.00 2.40 -3.91	39.71 2.21 0.00	37.09 1.97 0.00	36.23 1.86 -1.11	35.73 1.85 -0.86	38.92 1.86 -3.80	42.82 1.78 -8.07	50.38 2.14 -12.62	61.88 2.42 -22.27	70.72 2.50 -30.95	64.33 2.49 -24.75	57.34 2.29 -19.30	52.48 2.16 -16.11	49.26 1.94 -14.97	45.51 1.67 -16.39	43.39 1.89 -9.43

IP__TICONDEROGA 23804	42.07 3.57 -0.09	40.94 3.09 -6.00	39.87 2.41 -10.71	38.73 2.73 -6.67	40.02 3.08 -4.48	42.69 3.88 0.00	47.27 4.38 0.00	49.92 4.25 -5.92	46.27 3.68 -3.90	40.84 3.34 0.00	38.08 2.95 0.00	37.23 2.86 -1.12	36.73 2.84 -0.86	39.92 2.86 -3.80	43.81 2.77 -8.07	51.58 3.35 -12.60	63.31 3.87 -22.24	72.26 4.06 -30.91	65.90 4.08 -24.72	58.79 3.75 -19.28	53.80 3.49 -16.09	50.51 3.20 -14.96	46.48 2.66 -16.38	44.50 3.01 -9.42
ISLIP_RES_REC 323679	41.59 3.11 -0.07	39.08 2.32 -4.91	37.19 1.69 -8.76	36.60 1.82 -5.45	38.04 1.91 -3.66	41.22 2.41 0.00	46.07 3.17 0.00	48.24 3.65 -4.85	45.44 3.56 -3.19	40.84 3.34 0.00	38.54 3.41 -0.01	40.12 3.19 -3.67	38.39 3.14 -2.23	44.01 3.13 -7.63	45.29 3.23 -9.09	54.40 3.39 -15.38	69.42 3.50 -28.73	72.65 3.47 -31.90	70.62 3.53 -30.00	64.18 3.47 -24.95	63.18 3.15 -25.82	59.58 2.91 -24.32	50.06 2.52 -20.10	44.52 2.92 -9.53
JAMAICA__27_KV_LOAD 355505	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.79 1.98 0.00	45.22 2.32 0.00	47.12 2.54 -4.84	44.71 2.82 -3.19	40.31 2.81 0.00	37.90 2.78 0.00	39.59 2.66 -3.67	37.86 2.61 -2.23	42.54 2.53 -6.75	42.65 2.54 -7.14	48.71 2.78 -10.30	58.02 2.64 -18.18	65.14 2.61 -25.25	59.92 2.63 -20.19	54.25 2.75 -15.74	49.79 2.43 -13.14	46.84 2.26 -12.22	42.71 1.89 -13.38	41.84 2.08 -7.69
JANIS__SOLAR 323808	39.62 1.19 -0.02	33.90 0.80 -1.25	29.60 0.62 -2.24	31.40 0.68 -1.39	34.14 0.75 -0.94	40.09 1.28 0.00	44.44 1.54 0.00	42.43 1.47 -1.22	40.78 1.28 -0.80	38.70 1.20 0.00	36.08 0.95 0.00	33.57 0.73 0.42	33.60 0.76 0.18	34.02 0.83 0.07	35.43 0.92 -1.53	41.87 1.32 -4.92	47.62 1.71 -8.71	45.59 1.94 -6.37	44.04 1.85 -5.10	41.37 1.65 -3.97	39.18 1.64 -3.32	39.52 1.33 -5.84	31.83 1.02 -3.38	35.10 1.09 -1.94
JARVIS____ 23743	38.52 0.12 0.00	31.95 0.10 0.00	26.83 0.08 0.00	29.42 0.09 0.00	32.56 0.10 0.00	38.93 0.12 0.00	43.03 0.13 0.00	39.90 0.16 0.00	38.81 0.12 0.00	37.58 0.08 0.00	35.20 0.07 0.00	33.29 0.03 0.00	33.09 0.07 0.00	33.33 0.07 0.00	33.04 0.07 0.00	35.70 0.07 0.00	37.27 0.07 0.00	37.35 0.07 0.00	37.13 0.04 0.00	35.79 0.04 0.00	34.25 0.03 0.00	32.35 0.00 0.00	27.44 0.00 0.00	32.10 0.03 0.00
JENNISON__1 23625	40.01 1.57 -0.02	34.55 1.08 -1.62	30.47 0.83 -2.89	32.04 0.91 -1.80	34.67 1.01 -1.21	40.44 1.63 0.00	44.74 1.84 0.00	43.11 1.79 -1.58	41.52 1.78 -1.04	39.34 1.84 0.00	36.71 1.58 0.00	34.05 1.33 0.54	34.21 1.42 0.23	34.60 1.43 0.09	36.44 1.48 -1.99	41.57 1.89 -4.05	46.56 2.19 -7.17	47.85 2.31 -8.25	45.89 2.19 -6.60	42.87 1.97 -5.15	40.50 1.98 -4.30	38.78 1.62 -4.81	33.05 1.23 -4.37	35.96 1.38 -2.51
JENNISON__2 23626	40.01 1.57 -0.02	34.55 1.08 -1.62	30.47 0.83 -2.89	32.04 0.91 -1.80	34.67 1.01 -1.21	40.44 1.63 0.00	44.74 1.84 0.00	43.11 1.79 -1.58	41.52 1.78 -1.04	39.34 1.84 0.00	36.71 1.58 0.00	34.05 1.33 0.54	34.21 1.42 0.23	34.60 1.43 0.09	36.44 1.48 -1.99	41.57 1.89 -4.05	46.56 2.19 -7.17	47.85 2.31 -8.25	45.89 2.19 -6.60	42.87 1.97 -5.15	40.50 1.98 -4.30	38.78 1.62 -4.81	33.05 1.23 -4.37	35.96 1.38 -2.51
JERICHO_RISE_WT_PWR 323719	36.57 -1.84 0.00	30.99 -0.86 0.00	25.70 -1.04 0.00	28.34 -1.00 0.00	31.91 -0.55 0.00	37.84 -0.97 0.00	42.47 -0.43 0.00	40.18 0.44 0.00	38.31 -0.39 0.00	36.00 -1.50 0.00	33.26 -1.86 0.00	31.40 -1.86 0.00	31.30 -1.72 0.00	31.46 -1.80 0.00	31.42 -1.55 0.00	34.24 -1.39 0.00	35.23 -1.97 0.00	35.19 -2.09 0.00	34.39 -2.71 0.00	32.72 -3.04 0.00	31.55 -2.67 0.00	29.12 -3.23 0.00	24.81 -2.63 0.00	29.44 -2.63 0.00
KATONAH__115KV_46KV_TB4 355592	40.67 2.19 -0.07	38.49 1.69 -4.96	37.03 1.44 -8.85	36.33 1.50 -5.51	37.88 1.72 -3.70	40.79 1.98 0.00	45.17 2.27 0.00	47.05 2.42 -4.89	44.63 2.71 -3.22	40.16 2.66 0.00	37.59 2.46 0.00	38.85 2.29 -3.30	37.29 2.25 -2.03	41.80 2.26 -6.28	42.41 2.31 -7.13	48.56 2.53 -10.40	58.13 2.57 -18.36	65.32 2.53 -25.50	60.01 2.52 -20.40	54.16 2.50 -15.90	49.85 2.36 -13.28	46.83 2.14 -12.35	42.68 1.73 -13.51	41.76 1.92 -7.77
KCE_NY_1 323755	40.42 1.92 -0.09	39.47 1.62 -5.99	38.75 1.31 -10.70	37.49 1.50 -6.66	38.59 1.65 -4.48	40.83 2.02 0.00	45.17 2.27 0.00	47.88 2.22 -5.91	44.64 2.05 -3.90	39.37 1.87 0.00	36.78 1.65 0.00	36.01 1.63 -1.12	35.54 1.65 -0.87	38.73 1.66 -3.81	42.64 1.62 -8.06	50.10 1.89 -12.58	61.53 2.12 -22.21	70.31 2.16 -30.87	63.93 2.15 -24.69	56.97 1.97 -19.25	52.17 1.88 -16.07	48.96 1.68 -14.93	45.22 1.43 -16.35	43.10 1.63 -9.40
KCE_NY_6_ESR 323823	35.92 -2.50 -0.01	29.87 -2.71 -0.73	25.87 -2.17 -1.29	27.79 -2.35 -0.81	30.27 -2.73 -0.54	36.40 -2.41 0.00	39.89 -3.00 0.00	36.83 -3.50 -0.59	35.80 -3.29 -0.39	35.32 -2.18 0.00	32.92 -2.21 0.00	30.83 -2.43 0.00	30.38 -2.67 -0.03	30.53 -2.96 -0.23	30.61 -3.13 -0.77	32.76 -3.39 -0.51	34.78 -3.31 -0.89	37.11 -3.21 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.69 -3.11 -1.58	30.04 -2.91 -0.60	26.61 -2.44 -1.61	30.34 -2.66 -0.93
KEDC_PORT_JEFF_GT2 24210	41.44 2.96 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.97 1.85 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.04 3.46 -4.85	45.29 3.41 -3.19	40.73 3.23 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.14 3.10 -9.07	54.22 3.24 -15.35	69.16 3.31 -28.65	72.42 3.28 -31.86	70.37 3.34 -29.93	63.97 3.33 -24.89	62.96 3.01 -25.73	59.37 2.78 -24.24	49.91 2.42 -20.05	44.38 2.79 -9.52
KEDC_PORT_JEFF_GT3 24211	41.44 2.96 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.97 1.85 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.04 3.46 -4.85	45.29 3.41 -3.19	40.73 3.23 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.14 3.10 -9.07	54.22 3.24 -15.35	69.16 3.31 -28.65	72.42 3.28 -31.86	70.37 3.34 -29.93	63.97 3.33 -24.89	62.96 3.01 -25.73	59.37 2.78 -24.24	49.91 2.42 -20.05	44.38 2.79 -9.52
KEDC_GLWD_GT4 24219	40.97 2.50 -0.07	38.64 1.88 -4.91	37.00 1.50 -8.76	36.37 1.58 -5.45	37.84 1.72 -3.66	40.86 2.06 0.00	45.39 2.49 0.00	47.38 2.78 -4.85	44.82 2.94 -3.19	40.35 2.85 0.00	37.95 2.81 -0.02	39.63 2.69 -3.68	37.90 2.64 -2.24	44.15 2.63 -8.26	46.09 2.64 -10.48	57.46 2.81 -19.01	76.27 2.83 -36.25	76.68 2.76 -36.64	76.87 2.78 -36.99	70.07 2.79 -31.52	71.61 2.53 -34.86	67.64 2.33 -32.95	54.31 1.98 -24.89	45.13 2.21 -10.85
KEDC_GLWD_GT5 24220	40.97 2.50 -0.07	38.64 1.88 -4.91	37.00 1.50 -8.76	36.37 1.58 -5.45	37.84 1.72 -3.66	40.86 2.06 0.00	45.39 2.49 0.00	47.38 2.78 -4.85	44.82 2.94 -3.19	40.35 2.85 0.00	37.95 2.81 -0.02	39.63 2.69 -3.68	37.90 2.64 -2.24	44.15 2.63 -8.26	46.09 2.64 -10.48	57.46 2.81 -19.01	76.27 2.83 -36.25	76.68 2.76 -36.64	76.87 2.78 -36.99	70.07 2.79 -31.52	71.61 2.53 -34.86	67.64 2.33 -32.95	54.31 1.98 -24.89	45.13 2.21 -10.85

KENSICO____ 23655	40.52 2.04 -0.07	38.34 1.59 -4.90	36.82 1.34 -8.74	36.15 1.38 -5.44	37.67 1.56 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.84 2.27 -4.83	44.39 2.52 -3.18	39.98 2.48 0.00	37.52 2.39 0.00	39.26 2.26 -3.74	37.50 2.21 -2.27	42.33 2.23 -6.84	42.32 2.21 -7.14	48.33 2.42 -10.28	57.76 2.42 -18.15	64.87 2.39 -25.20	59.66 2.41 -20.16	53.87 2.40 -15.72	49.49 2.16 -13.12	46.53 1.97 -12.20	42.44 1.65 -13.35	41.57 1.83 -7.68
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.40 1.92 -0.07	37.83 1.37 -4.61	36.18 1.20 -8.24	35.66 1.20 -5.13	37.30 1.40 -3.45	40.52 1.71 0.00	44.96 2.06 0.00	46.32 2.03 -4.55	43.98 2.28 -3.00	39.68 2.18 0.00	37.06 1.93 0.00	36.61 1.80 -1.56	35.89 1.82 -1.05	38.93 1.83 -3.85	41.22 1.91 -6.34	47.56 2.24 -9.69	56.60 2.31 -17.10	63.37 2.35 -23.74	58.46 2.37 -18.99	52.92 2.36 -14.81	48.77 2.19 -12.36	45.75 1.91 -11.49	41.58 1.56 -12.58	41.13 1.83 -7.23
KIAC_JFK_GT1 23816	40.59 2.11 -0.07	38.38 1.62 -4.91	36.84 1.34 -8.76	36.16 1.38 -5.45	37.65 1.53 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.37 2.36 -6.75	42.49 2.37 -7.14	48.53 2.60 -10.30	57.65 2.27 -18.18	64.76 2.24 -25.25	59.55 2.26 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.65 1.89 -7.69
KIAC_JFK_GT2 23817	40.59 2.11 -0.07	38.38 1.62 -4.91	36.84 1.34 -8.76	36.16 1.38 -5.45	37.65 1.53 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.37 2.36 -6.75	42.49 2.37 -7.14	48.53 2.60 -10.30	57.65 2.27 -18.18	64.76 2.24 -25.25	59.55 2.26 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.65 1.89 -7.69
KIAC_JFK____ 323774	40.59 2.11 -0.07	38.38 1.62 -4.91	36.84 1.34 -8.76	36.16 1.38 -5.45	37.65 1.53 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.69 2.56 0.00	39.43 2.50 -3.67	37.69 2.44 -2.23	42.37 2.36 -6.75	42.49 2.38 -7.14	48.53 2.60 -10.30	57.65 2.27 -18.18	64.76 2.24 -25.25	59.55 2.26 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.67 2.10 -12.22	42.57 1.76 -13.38	41.65 1.89 -7.69
KINTIGH____ 23543	35.31 -3.11 -0.01	30.19 -2.26 -0.60	26.00 -1.82 -1.07	28.03 -1.97 -0.67	30.60 -2.30 -0.45	35.86 -2.95 0.00	39.34 -3.56 0.00	36.90 -3.50 -0.66	35.96 -3.17 -0.43	34.73 -2.78 0.00	32.32 -2.81 0.00	30.50 -2.76 0.00	30.24 -2.81 -0.02	30.76 -2.76 -0.26	30.88 -2.97 -0.87	32.94 -3.24 -0.55	35.19 -2.98 -0.97	37.45 -3.28 -3.45	36.89 -2.97 -2.76	35.12 -2.79 -2.15	32.90 -3.11 -1.80	30.29 -2.72 -0.66	27.02 -2.25 -1.83	30.94 -2.18 -1.05
KNTFSRNC_46_KV_46KV_LOAD 80397	37.33 -1.08 0.00	31.47 -0.38 0.00	26.08 -0.67 0.00	28.72 -0.62 0.00	32.39 -0.06 0.00	38.46 -0.35 0.00	43.24 0.34 0.00	40.97 1.23 0.00	38.93 0.23 0.00	36.64 -0.86 0.00	33.86 -1.26 0.00	31.96 -1.30 0.00	31.87 -1.16 0.00	32.00 -1.26 0.00	31.98 -0.99 0.00	34.92 -0.71 0.00	35.97 -1.23 0.00	35.94 -1.34 0.00	35.13 -1.97 0.00	33.40 -2.36 0.00	32.20 -2.02 0.00	29.70 -2.65 0.00	25.27 -2.17 0.00	29.98 -2.08 0.00
LACHUTE__HYDRO 323717	42.07 3.57 -0.09	40.94 3.09 -6.00	39.87 2.41 -10.71	38.73 2.73 -6.67	40.03 3.09 -4.48	42.69 3.88 0.00	47.28 4.38 0.00	49.92 4.25 -5.92	46.28 3.68 -3.90	40.84 3.34 0.00	38.08 2.95 0.00	37.23 2.86 -1.12	36.73 2.84 -0.86	39.92 2.86 -3.80	43.81 2.77 -8.07	51.58 3.35 -12.60	63.31 3.87 -22.24	72.26 4.06 -30.91	65.93 4.12 -24.72	58.79 3.75 -19.28	53.80 3.49 -16.09	50.51 3.20 -14.96	46.48 2.66 -16.38	44.50 3.01 -9.42
LAWRNCALV_115KV_TB1 80681	37.37 -1.04 0.00	31.57 -0.38 -0.10	26.25 -0.67 -0.17	28.82 -0.62 -0.11	32.30 -0.23 -0.07	38.27 -0.54 0.00	42.90 0.00 0.00	40.59 0.76 -0.10	38.53 -0.23 -0.06	36.23 -1.28 0.00	33.51 -1.62 0.00	31.60 -1.66 0.00	31.54 -1.49 0.00	31.77 -1.53 -0.04	31.78 -1.32 -0.13	34.76 -1.07 -0.20	36.07 -1.49 -0.36	36.25 -1.53 -0.50	35.49 -2.00 -0.40	33.74 -2.32 -0.31	32.56 -1.92 -0.26	30.10 -2.49 -0.24	25.67 -2.03 -0.26	30.23 -1.99 -0.15
LEDERLE____ 23769	40.44 1.96 -0.07	38.14 1.53 -4.75	36.52 1.28 -8.49	35.94 1.32 -5.28	37.50 1.49 -3.55	40.56 1.75 0.00	44.91 2.02 0.00	46.62 2.19 -4.69	44.22 2.44 -3.09	39.94 2.44 0.00	37.45 2.32 0.00	40.38 2.20 -4.92	38.08 2.15 -2.91	43.76 2.16 -8.34	42.34 2.18 -7.19	47.96 2.35 -9.98	57.20 2.38 -17.62	64.14 2.39 -24.47	59.08 2.41 -19.57	53.38 2.36 -15.26	49.11 2.16 -12.74	46.14 1.94 -11.85	42.00 1.59 -12.96	41.32 1.80 -7.45
LIGHTHSE_115KV_TB6 355974	37.68 -0.73 0.00	31.57 -0.61 -0.33	26.80 -0.53 -0.59	29.11 -0.59 -0.36	32.09 -0.62 -0.25	38.15 -0.66 0.00	42.21 -0.69 0.00	39.39 -0.68 -0.32	38.06 -0.85 -0.21	36.64 -0.86 0.00	34.25 -0.88 0.00	32.36 -0.90 0.00	32.18 -0.86 -0.01	32.56 -0.83 -0.13	32.61 -0.79 -0.43	35.57 -0.75 -0.69	37.71 -0.71 -1.22	38.37 -0.60 -1.69	37.85 -0.59 -1.35	36.20 -0.61 -1.05	34.55 -0.55 -0.88	32.68 -0.49 -0.82	27.87 -0.47 -0.90	32.01 -0.58 -0.51
LINDEN COGEN____ 23786	40.63 2.15 -0.07	38.41 1.66 -4.91	36.86 1.36 -8.76	36.19 1.41 -5.45	37.68 1.56 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.12 2.62 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.75	42.49 2.38 -7.14	48.46 2.53 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.97 2.47 -15.74	49.55 2.19 -13.14	46.61 2.04 -12.22	42.52 1.70 -13.38	41.65 1.89 -7.69
LINDHRST_69_KV_BK1 356055	41.40 2.92 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.54 1.76 -5.45	37.97 1.85 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	47.97 3.38 -4.85	45.25 3.37 -3.19	40.65 3.15 0.00	38.40 3.27 -0.01	39.96 3.03 -3.67	38.23 2.97 -2.23	43.95 2.96 -7.73	45.31 3.03 -9.30	54.81 3.24 -15.94	70.35 3.27 -29.88	73.15 3.24 -32.63	71.43 3.26 -31.07	64.97 3.25 -25.96	64.40 2.98 -27.20	60.74 2.75 -25.64	50.63 2.36 -20.83	44.50 2.69 -9.74
LIPA_MISC_IPP 23656	41.32 2.84 -0.07	38.89 2.13 -4.91	37.00 1.50 -8.76	36.43 1.64 -5.45	37.84 1.72 -3.66	40.98 2.17 0.00	45.77 2.87 0.00	47.97 3.38 -4.85	45.21 3.33 -3.19	40.50 3.00 0.00	38.30 3.16 -0.01	39.89 2.96 -3.67	38.13 2.87 -2.23	43.77 2.89 -7.62	45.01 2.97 -9.07	53.95 2.99 -15.33	68.90 3.09 -28.61	72.20 3.09 -31.83	70.10 3.12 -29.89	63.72 3.11 -24.85	62.71 2.81 -25.68	59.13 2.59 -24.19	49.80 2.33 -20.03	44.28 2.69 -9.51
LISF__SOLAR 323691	41.40 2.92 -0.07	38.95 2.20 -4.91	37.05 1.55 -8.76	36.46 1.67 -5.45	37.91 1.78 -3.66	41.02 2.21 0.00	45.86 2.96 0.00	48.04 3.46 -4.85	45.25 3.36 -3.19	40.65 3.15 0.00	38.30 3.16 -0.01	39.93 2.99 -3.67	38.19 2.94 -2.23	43.81 2.93 -7.62	45.04 3.00 -9.07	53.99 3.03 -15.34	68.99 3.16 -28.63	72.28 3.17 -31.84	70.19 3.19 -29.91	63.80 3.18 -24.87	62.79 2.87 -25.70	59.21 2.65 -24.21	49.86 2.39 -20.04	44.34 2.76 -9.52

LITTLE FALLS___HYD 24013	39.10 0.69 0.00	32.42 0.57 0.00	27.20 0.45 0.00	29.83 0.50 0.00	33.04 0.58 0.00	39.58 0.78 0.00	43.67 0.77 0.00	40.58 0.83 0.00	39.51 0.81 0.00	38.29 0.79 0.00	35.87 0.74 0.00	33.89 0.63 0.00	33.68 0.66 0.00	33.93 0.67 0.00	33.66 0.69 0.00	36.45 0.82 0.00	38.02 0.82 0.00	38.02 0.75 0.00	37.76 0.67 0.00	36.33 0.57 0.00	34.76 0.55 0.00	32.74 0.39 0.00	27.82 0.38 0.00	32.48 0.42 0.00
LITTLRIV_115KV_TB1 356100	37.76 -0.65 0.00	31.89 -0.06 -0.10	26.52 -0.40 -0.18	29.09 -0.35 -0.11	32.63 0.10 -0.07	38.69 -0.12 0.00	43.41 0.51 0.00	41.11 1.27 -0.10	38.96 0.19 -0.06	36.56 -0.94 0.00	33.79 -1.33 0.00	31.83 -1.43 0.00	31.77 -1.25 0.00	32.00 -1.30 -0.04	32.05 -1.06 -0.13	35.12 -0.71 -0.21	36.49 -1.08 -0.37	36.78 -1.01 -0.51	35.98 -1.52 -0.41	34.21 -1.86 -0.32	33.04 -1.44 -0.27	30.46 -2.14 -0.25	25.95 -1.76 -0.27	30.56 -1.67 -0.16
LI_NEWBRDGE___DRP 323616	40.82 2.34 -0.07	38.51 1.75 -4.91	36.76 1.26 -8.76	36.13 1.35 -5.45	37.55 1.43 -3.66	40.59 1.79 0.00	45.22 2.32 0.00	47.29 2.70 -4.85	44.67 2.79 -3.19	40.09 2.59 0.00	37.84 2.70 -0.01	39.42 2.49 -3.67	37.73 2.48 -2.23	43.25 2.43 -7.56	44.41 2.51 -8.93	53.28 2.67 -14.98	67.69 2.60 -27.89	71.22 2.57 -31.37	68.91 2.60 -29.22	62.59 2.61 -24.22	61.39 2.36 -24.81	57.88 2.17 -23.36	48.90 1.89 -19.56	43.57 2.12 -9.39
LOCKPORT_115KV_TB60_63_64 80432	35.12 -3.30 -0.01	29.67 -2.83 -0.66	25.64 -2.27 -1.17	27.60 -2.46 -0.73	30.09 -2.86 -0.49	35.70 -3.10 0.00	39.08 -3.82 0.00	36.23 -4.05 -0.54	35.30 -3.75 -0.36	34.54 -2.96 0.00	32.07 -3.06 0.00	30.23 -3.03 0.00	29.91 -3.14 -0.03	30.18 -3.29 -0.22	30.16 -3.53 -0.71	32.42 -3.74 -0.53	34.59 -3.53 -0.93	36.35 -3.73 -2.80	35.89 -3.45 -2.24	34.22 -3.29 -1.75	32.08 -3.59 -1.46	29.78 -3.20 -0.63	26.24 -2.69 -1.49	30.14 -2.79 -0.86
LOCKPORT___CC1 323769	35.23 -3.19 -0.01	29.71 -2.80 -0.66	25.68 -2.25 -1.18	27.63 -2.43 -0.74	30.10 -2.86 -0.49	35.70 -3.11 0.00	39.08 -3.82 0.00	36.19 -4.09 -0.54	35.26 -3.79 -0.36	34.54 -2.96 0.00	32.21 -2.92 0.00	30.23 -3.03 0.00	29.88 -3.17 -0.03	30.15 -3.33 -0.22	30.16 -3.53 -0.71	32.38 -3.78 -0.53	34.59 -3.53 -0.92	36.32 -3.76 -2.80	35.85 -3.49 -2.24	34.22 -3.29 -1.75	32.08 -3.59 -1.46	29.77 -3.20 -0.63	26.21 -2.72 -1.49	30.13 -2.79 -0.86
LOCKPORT___CC2 323770	35.23 -3.19 -0.01	29.71 -2.80 -0.66	25.68 -2.25 -1.18	27.63 -2.43 -0.74	30.10 -2.86 -0.49	35.70 -3.11 0.00	39.08 -3.82 0.00	36.19 -4.09 -0.54	35.26 -3.79 -0.36	34.54 -2.96 0.00	32.21 -2.92 0.00	30.23 -3.03 0.00	29.88 -3.17 -0.03	30.15 -3.33 -0.22	30.16 -3.53 -0.71	32.38 -3.78 -0.53	34.59 -3.53 -0.92	36.32 -3.76 -2.80	35.85 -3.49 -2.24	34.22 -3.29 -1.75	32.08 -3.59 -1.46	29.77 -3.20 -0.63	26.21 -2.72 -1.49	30.13 -2.79 -0.86
LOCKPORT___CC3 323771	35.23 -3.19 -0.01	29.71 -2.80 -0.66	25.68 -2.25 -1.18	27.63 -2.43 -0.74	30.10 -2.86 -0.49	35.70 -3.11 0.00	39.08 -3.82 0.00	36.19 -4.09 -0.54	35.26 -3.79 -0.36	34.54 -2.96 0.00	32.21 -2.92 0.00	30.23 -3.03 0.00	29.88 -3.17 -0.03	30.15 -3.33 -0.22	30.16 -3.53 -0.71	32.38 -3.78 -0.53	34.59 -3.53 -0.92	36.32 -3.76 -2.80	35.85 -3.49 -2.24	34.22 -3.29 -1.75	32.08 -3.59 -1.46	29.77 -3.20 -0.63	26.21 -2.72 -1.49	30.13 -2.79 -0.86
LONG_LAKE_PHOENIX 24014	37.34 -1.08 -0.01	31.32 -0.89 -0.36	26.65 -0.75 -0.65	28.95 -0.79 -0.41	31.82 -0.91 -0.27	37.72 -1.09 0.00	41.74 -1.16 0.00	38.87 -1.23 -0.36	37.70 -1.24 -0.24	36.34 -1.16 0.00	34.07 -1.05 0.00	32.29 -0.96 0.00	32.05 -0.99 -0.02	32.44 -0.96 -0.14	32.49 -0.96 -0.48	35.36 -1.03 -0.77	37.51 -1.04 -1.35	38.15 -1.01 -1.88	37.63 -0.96 -1.50	36.00 -0.93 -1.17	34.30 -0.89 -0.98	32.55 -0.71 -0.91	27.83 -0.60 -1.00	31.90 -0.74 -0.57
LOVETT___3 23632	40.28 1.81 -0.07	38.02 1.40 -4.77	36.46 1.20 -8.52	35.87 1.23 -5.30	37.38 1.36 -3.56	40.40 1.59 0.00	44.74 1.84 0.00	46.47 2.03 -4.71	44.08 2.28 -3.10	39.79 2.29 0.00	37.31 2.18 0.00	40.05 2.06 -4.73	37.84 2.01 -2.81	43.38 2.03 -8.09	42.19 2.04 -7.18	47.85 2.21 -10.02	57.07 2.19 -17.68	64.03 2.20 -24.55	58.96 2.23 -19.64	53.25 2.18 -15.31	48.98 1.98 -12.78	46.02 1.78 -11.89	41.93 1.48 -13.01	41.21 1.67 -7.48
LOVETT___4 23642	40.28 1.81 -0.07	38.02 1.40 -4.77	36.46 1.20 -8.52	35.87 1.23 -5.30	37.38 1.36 -3.56	40.40 1.59 0.00	44.74 1.84 0.00	46.47 2.03 -4.71	44.08 2.28 -3.10	39.79 2.29 0.00	37.31 2.18 0.00	40.05 2.06 -4.73	37.84 2.01 -2.81	43.38 2.03 -8.09	42.19 2.04 -7.18	47.85 2.21 -10.02	57.07 2.19 -17.68	64.03 2.20 -24.55	58.96 2.23 -19.64	53.25 2.18 -15.31	48.98 1.98 -12.78	46.02 1.78 -11.89	41.93 1.48 -13.01	41.21 1.67 -7.48
LOVETT___5 23593	40.28 1.81 -0.07	38.02 1.40 -4.77	36.46 1.20 -8.52	35.87 1.23 -5.30	37.38 1.36 -3.56	40.40 1.59 0.00	44.74 1.84 0.00	46.47 2.03 -4.71	44.08 2.28 -3.10	39.79 2.29 0.00	37.31 2.18 0.00	40.05 2.06 -4.73	37.84 2.01 -2.81	43.38 2.03 -8.09	42.19 2.04 -7.18	47.85 2.21 -10.02	57.07 2.19 -17.68	64.03 2.20 -24.55	58.96 2.23 -19.64	53.25 2.18 -15.31	48.98 1.98 -12.78	46.02 1.78 -11.89	41.93 1.48 -13.01	41.21 1.67 -7.48
LOWER RAQUET___HYD 24057	37.22 -1.19 0.00	31.57 -0.38 -0.10	26.26 -0.67 -0.18	28.83 -0.62 -0.11	32.31 -0.23 -0.08	38.27 -0.54 0.00	42.90 0.00 0.00	40.64 0.79 -0.10	38.61 -0.15 -0.07	36.22 -1.28 0.00	33.51 -1.62 0.00	31.60 -1.66 0.00	31.54 -1.49 0.00	31.77 -1.53 -0.04	31.78 -1.32 -0.13	34.78 -1.07 -0.21	36.12 -1.45 -0.38	36.35 -1.45 -0.52	35.55 -1.97 -0.42	33.83 -2.25 -0.33	32.64 -1.85 -0.27	30.14 -2.46 -0.25	25.69 -2.03 -0.28	30.27 -1.96 -0.16
LOWER___HUDSON 24059	39.99 1.50 -0.09	38.99 1.24 -5.90	38.32 1.04 -10.53	37.06 1.17 -6.55	38.16 1.30 -4.41	40.36 1.55 0.00	44.62 1.72 0.00	47.27 1.71 -5.82	44.16 1.62 -3.83	39.00 1.50 0.00	36.50 1.37 0.00	35.84 1.36 -1.22	35.29 1.35 -0.92	38.52 1.36 -3.90	42.24 1.32 -7.95	49.47 1.46 -12.38	60.66 1.60 -21.86	69.30 1.64 -30.38	63.02 1.63 -24.29	56.17 1.47 -18.94	51.47 1.44 -15.81	48.31 1.26 -14.70	44.60 1.07 -16.09	42.57 1.25 -9.25
LOWVILLE_115KV_TB2 356335	38.45 0.04 0.00	32.15 0.13 -0.17	27.00 -0.05 -0.30	29.49 -0.03 -0.19	32.65 0.06 -0.13	39.04 0.23 0.00	43.37 0.47 0.00	40.62 0.72 -0.17	38.89 0.08 -0.11	37.05 -0.45 0.00	34.35 -0.77 0.00	32.29 -0.96 0.00	32.20 -0.83 -0.01	32.53 -0.80 -0.07	32.60 -0.59 -0.22	35.63 -0.36 -0.36	37.65 -0.19 -0.63	38.16 0.00 -0.88	37.69 -0.11 -0.70	36.02 -0.29 -0.55	34.57 -0.10 -0.46	32.26 -0.52 -0.43	27.36 -0.55 -0.47	31.73 -0.61 -0.27
LUTHERFT_115KV_GLOB_FND_222 355753	40.38 1.88 -0.09	39.47 1.62 -5.99	38.75 1.31 -10.70	37.46 1.47 -6.66	38.59 1.66 -4.48	40.83 2.02 0.00	45.13 2.23 0.00	47.84 2.19 -5.91	44.60 2.01 -3.90	39.34 1.84 0.00	36.78 1.65 0.00	36.01 1.63 -1.12	35.51 1.62 -0.87	38.70 1.63 -3.81	42.61 1.58 -8.06	50.06 1.85 -12.58	61.49 2.08 -22.21	70.27 2.12 -30.87	63.89 2.11 -24.69	56.97 1.97 -19.25	52.13 1.85 -16.07	48.97 1.68 -14.93	45.22 1.43 -16.35	43.07 1.60 -9.40

LUTHERNY_35_KV_BK2 355980	40.42 1.92 -0.09	39.47 1.62 -5.99	38.75 1.31 -10.70	37.49 1.50 -6.66	38.59 1.66 -4.48	40.83 2.02 0.00	45.17 2.27 0.00	47.88 2.23 -5.91	44.64 2.05 -3.90	39.38 1.88 0.00	36.81 1.69 0.00	36.01 1.63 -1.12	35.51 1.62 -0.87	38.73 1.66 -3.81	42.64 1.62 -8.06	50.10 1.89 -12.58	61.53 2.12 -22.21	70.31 2.16 -30.87	63.93 2.15 -24.69	56.97 1.97 -19.25	52.17 1.88 -16.07	48.97 1.68 -14.93	45.22 1.43 -16.35	43.10 1.64 -9.40
LWR___OSWEGATCHIE_HYD 23850	37.57 -0.84 0.00	31.58 -0.41 -0.14	26.39 -0.62 -0.26	28.91 -0.59 -0.16	32.21 -0.36 -0.11	38.30 -0.50 0.00	42.77 -0.13 0.00	40.32 0.44 -0.14	38.40 -0.39 -0.09	36.34 -1.16 0.00	33.65 -1.48 0.00	31.69 -1.56 0.00	31.64 -1.39 -0.01	31.89 -1.43 -0.06	31.94 -1.22 -0.19	34.93 -1.00 -0.30	36.62 -1.12 -0.53	37.01 -1.01 -0.74	36.39 -1.30 -0.59	34.68 -1.54 -0.46	33.40 -1.20 -0.39	31.03 -1.68 -0.36	26.35 -1.48 -0.39	30.75 -1.54 -0.23
LYONS_FALL_HYD 23570	38.68 0.27 0.00	32.33 0.32 -0.16	27.16 0.13 -0.28	29.69 0.18 -0.18	32.83 0.26 -0.12	39.28 0.47 0.00	43.58 0.68 0.00	40.69 0.79 -0.16	39.19 0.39 -0.10	37.54 0.04 0.00	34.92 -0.21 0.00	32.89 -0.37 0.00	32.80 -0.23 -0.01	33.12 -0.20 -0.06	33.11 -0.07 -0.21	36.10 0.14 -0.33	38.08 0.30 -0.59	38.50 0.41 -0.81	38.04 0.30 -0.65	36.41 0.14 -0.51	34.91 0.27 -0.42	32.71 -0.03 -0.39	27.73 -0.14 -0.43	32.16 -0.16 -0.25
MADISON___COUNTY_LFGE 323628	39.18 0.77 0.00	32.72 0.61 -0.27	27.68 0.45 -0.48	30.16 0.53 -0.30	33.24 0.58 -0.20	39.70 0.89 0.00	43.97 1.07 0.00	41.04 1.03 -0.26	39.76 0.89 -0.17	38.29 0.79 0.00	35.76 0.63 0.00	33.79 0.53 0.00	33.63 0.59 -0.01	34.00 0.63 -0.10	33.98 0.66 -0.35	37.04 0.86 -0.56	39.19 1.00 -0.99	39.73 1.08 -1.37	39.20 1.00 -1.10	37.47 0.86 -0.86	35.82 0.89 -0.72	33.73 0.71 -0.66	28.69 0.52 -0.73	33.10 0.61 -0.42
MALONE___115KV_TB1 356076	37.22 -1.19 0.00	31.42 -0.51 -0.08	26.14 -0.75 -0.14	28.72 -0.70 -0.09	32.29 -0.23 -0.06	38.27 -0.54 0.00	43.03 0.13 0.00	40.81 0.99 -0.08	38.71 -0.04 -0.05	36.38 -1.13 0.00	33.65 -1.48 0.00	31.73 -1.53 0.00	31.64 -1.39 0.00	31.83 -1.46 -0.03	31.86 -1.22 -0.10	34.84 -0.96 -0.17	36.04 -1.45 -0.30	36.16 -1.53 -0.41	35.31 -2.11 -0.33	33.51 -2.50 -0.26	32.34 -2.09 -0.21	29.80 -2.75 -0.20	25.41 -2.25 -0.22	30.01 -2.18 -0.13
MAPLEWOD_115KV_TB3 80458	39.91 1.42 -0.08	38.90 1.18 -5.87	38.21 0.99 -10.47	36.97 1.11 -6.52	38.07 1.23 -4.38	40.28 1.47 0.00	44.31 1.42 0.00	46.92 1.39 -5.79	43.86 1.35 -3.81	38.81 1.31 0.00	36.39 1.26 0.00	35.74 1.26 -1.22	35.19 1.25 -0.92	38.38 1.23 -3.89	42.07 1.19 -7.91	49.09 1.14 -12.32	60.17 1.23 -21.74	68.72 1.23 -30.21	62.48 1.22 -24.16	55.74 1.14 -18.84	51.04 1.09 -15.73	47.91 0.94 -14.62	44.30 0.85 -16.01	42.23 0.96 -9.20
MAPLE_RIDGE_WT_1 323574	37.68 -0.73 0.00	31.50 -0.35 0.00	26.32 -0.43 0.00	28.89 -0.44 0.00	32.13 -0.32 0.00	38.27 -0.54 0.00	42.47 -0.43 0.00	39.58 -0.16 0.00	38.19 -0.50 0.00	36.56 -0.94 0.00	34.00 -1.13 0.00	32.06 -1.20 0.00	31.87 -1.16 0.00	32.06 -1.20 0.00	31.85 -1.12 0.00	34.52 -1.10 0.00	35.90 -1.30 0.00	35.97 -1.31 0.00	35.57 -1.52 0.00	34.15 -1.61 0.00	32.78 -1.44 0.00	30.73 -1.62 0.00	26.12 -1.32 0.00	30.69 -1.38 0.00
MAPLE_RIDGE_WT_2 323611	37.68 -0.73 0.00	31.50 -0.35 0.00	26.32 -0.43 0.00	28.89 -0.44 0.00	32.13 -0.32 0.00	38.27 -0.54 0.00	42.47 -0.43 0.00	39.58 -0.16 0.00	38.19 -0.50 0.00	36.56 -0.94 0.00	34.00 -1.13 0.00	32.06 -1.20 0.00	31.87 -1.16 0.00	32.06 -1.20 0.00	31.85 -1.12 0.00	34.52 -1.10 0.00	35.90 -1.30 0.00	35.97 -1.31 0.00	35.57 -1.52 0.00	34.15 -1.61 0.00	32.78 -1.44 0.00	30.73 -1.62 0.00	26.12 -1.32 0.00	30.69 -1.38 0.00
MARBLE_RIVER_WT_PWR 323696	36.60 -1.80 0.00	31.02 -0.83 0.00	25.73 -1.02 0.00	28.37 -0.97 0.00	31.97 -0.49 0.00	37.95 -0.85 0.00	42.60 -0.30 0.00	40.30 0.56 0.00	38.43 -0.27 0.00	36.11 -1.39 0.00	33.41 -1.72 0.00	31.49 -1.76 0.00	31.44 -1.58 0.00	31.56 -1.70 0.00	31.52 -1.45 0.00	34.35 -1.28 0.00	35.38 -1.82 0.00	35.30 -1.98 0.00	34.50 -2.60 0.00	32.82 -2.93 0.00	31.61 -2.60 0.00	29.21 -3.14 0.00	24.89 -2.55 0.00	29.53 -2.53 0.00
MARSHVLE_115KV_TB1 80742	40.31 1.81 -0.10	40.04 1.50 -6.69	39.84 1.15 -11.95	38.06 1.29 -7.44	38.95 1.49 -5.00	40.83 2.02 0.00	45.09 2.19 0.00	48.53 2.19 -6.60	44.90 1.86 -4.35	38.78 1.27 0.00	36.01 0.88 0.00	34.66 0.67 -0.74	34.43 0.73 -0.68	37.90 1.06 -3.57	42.95 1.09 -8.89	51.43 1.75 -14.05	64.19 2.19 -24.80	74.08 2.35 -34.45	66.98 2.34 -27.55	59.38 2.15 -21.48	54.13 1.98 -17.93	50.90 1.88 -16.68	47.17 1.48 -18.25	44.20 1.64 -10.49
MARSH_HILL_WT_PWR 323713	36.62 -1.80 -0.01	30.81 -1.97 -0.93	26.96 -1.44 -1.66	28.90 -1.47 -1.03	31.50 -1.65 -0.70	37.65 -1.16 0.00	41.61 -1.29 0.00	39.05 -1.55 -0.86	37.75 -1.51 -0.56	36.75 -0.75 0.00	34.11 -1.02 0.00	31.93 -1.33 0.00	31.41 -1.65 -0.04	31.54 -2.06 -0.34	31.73 -2.37 -1.13	32.64 -2.60 0.39	33.98 -2.49 0.73	39.61 -2.12 -4.45	38.73 -1.93 -3.56	36.64 -1.90 -2.78	34.48 -2.05 -2.32	29.74 -2.14 0.48	28.02 -1.78 -2.36	31.37 -2.05 -1.36
MCINTYRE_115KV_TB2 80467	37.95 -0.46 0.00	32.07 0.13 -0.09	26.62 -0.29 -0.17	29.23 -0.21 -0.11	32.79 0.26 -0.07	38.93 0.12 0.00	43.63 0.73 0.00	41.34 1.51 -0.09	39.11 0.35 -0.06	36.60 -0.90 0.00	33.83 -1.30 0.00	31.83 -1.43 0.00	31.80 -1.22 0.00	32.00 -1.30 -0.04	32.07 -1.02 -0.12	35.19 -0.64 -0.20	36.58 -0.97 -0.35	36.87 -0.89 -0.49	36.11 -1.37 -0.39	34.31 -1.75 -0.30	33.17 -1.30 -0.25	30.55 -2.04 -0.24	26.03 -1.67 -0.26	30.68 -1.54 -0.15
MECO_____69_KV_BK1 80468	40.88 2.38 -0.09	40.28 1.97 -6.45	39.81 1.55 -11.51	38.23 1.73 -7.17	39.29 2.01 -4.82	41.45 2.64 0.00	45.82 2.92 0.00	48.92 2.82 -6.36	45.33 2.44 -4.19	39.41 1.91 0.00	36.67 1.55 0.00	35.48 1.36 -0.86	35.15 1.39 -0.74	38.49 1.60 -3.64	43.21 1.65 -8.59	51.49 2.32 -13.54	63.85 2.75 -23.90	73.39 2.91 -33.20	66.58 2.93 -26.55	59.14 2.68 -20.70	54.00 2.50 -17.28	50.75 2.33 -16.07	46.92 1.89 -17.59	44.26 2.08 -10.11
MENANDS___115KV_TB5 355628	39.80 1.31 -0.08	38.82 1.11 -5.86	38.13 0.94 -10.45	36.90 1.06 -6.51	37.97 1.14 -4.37	40.17 1.36 0.00	44.14 1.24 0.00	46.75 1.23 -5.78	43.70 1.20 -3.81	38.70 1.20 0.00	36.32 1.19 0.00	35.65 1.16 -1.23	35.13 1.19 -0.92	38.28 1.13 -3.89	41.95 1.09 -7.90	48.89 0.96 -12.29	59.90 1.00 -21.70	68.44 1.01 -30.16	62.22 1.00 -24.12	55.49 0.93 -18.81	50.84 0.92 -15.70	47.72 0.78 -14.59	44.10 0.69 -15.98	42.02 0.77 -9.19
MG INDUSTRY___DRP 24185	39.76 1.27 -0.08	38.67 1.08 -5.74	37.87 0.88 -10.24	36.74 1.03 -6.38	37.85 1.10 -4.29	40.13 1.32 0.00	44.14 1.24 0.00	46.56 1.15 -5.66	43.43 1.01 -3.73	38.48 0.98 0.00	36.04 0.91 0.00	35.47 0.93 -1.28	34.89 0.92 -0.95	38.12 0.93 -3.92	41.62 0.89 -7.75	48.57 0.89 -12.05	59.39 0.93 -21.26	67.80 0.97 -29.55	61.69 0.96 -23.63	55.11 0.93 -18.43	50.49 0.89 -15.39	47.42 0.78 -14.30	43.78 0.69 -15.66	41.84 0.77 -9.00

MID___OSWEGATCHIE_HYD 23849	37.57 -0.84 0.00	31.58 -0.41 -0.14	26.39 -0.62 -0.26	28.91 -0.59 -0.16	32.21 -0.36 -0.11	38.30 -0.50 0.00	42.77 -0.13 0.00	40.32 0.44 -0.14	38.40 -0.39 -0.09	36.34 -1.16 0.00	33.65 -1.48 0.00	31.69 -1.56 0.00	31.64 -1.39 -0.01	31.89 -1.43 -0.06	31.94 -1.22 -0.19	34.93 -1.00 -0.30	36.62 -1.12 -0.53	37.01 -1.01 -0.74	36.39 -1.30 -0.59	34.68 -1.54 -0.46	33.40 -1.20 -0.39	31.03 -1.68 -0.36	26.35 -1.48 -0.39	30.75 -1.54 -0.23
MID___RAQUETTE_HYD 23851	37.37 -1.04 0.00	31.57 -0.38 -0.10	26.26 -0.67 -0.18	28.83 -0.62 -0.11	32.31 -0.23 -0.08	38.27 -0.54 0.00	42.90 0.00 0.00	40.64 0.79 -0.10	38.53 -0.23 -0.07	36.23 -1.28 0.00	33.51 -1.62 0.00	31.60 -1.66 0.00	31.54 -1.49 0.00	31.77 -1.53 -0.04	31.79 -1.32 -0.13	34.77 -1.07 -0.21	36.13 -1.45 -0.38	36.35 -1.45 -0.52	35.55 -1.97 -0.42	33.83 -2.25 -0.33	32.64 -1.85 -0.27	30.15 -2.46 -0.25	25.69 -2.03 -0.28	30.27 -1.96 -0.16
MILLIKEN___1 23584	38.69 0.27 -0.01	32.84 0.06 -0.93	28.48 0.08 -1.66	30.45 0.09 -1.03	33.25 0.10 -0.69	39.12 0.31 0.00	43.33 0.43 0.00	41.00 0.36 -0.90	39.60 0.31 -0.59	37.88 0.38 0.00	35.37 0.25 0.00	33.42 0.17 0.00	33.23 0.17 -0.04	33.78 0.17 -0.36	34.36 0.20 -1.20	40.55 0.32 -4.60	45.88 0.52 -8.16	42.62 0.63 -4.71	41.53 0.67 -3.77	39.27 0.57 -2.94	37.18 0.51 -2.45	38.27 0.45 -5.47	30.27 0.33 -2.50	33.86 0.35 -1.44
MILLIKEN___2 23585	38.69 0.27 -0.01	32.84 0.06 -0.93	28.48 0.08 -1.66	30.45 0.09 -1.03	33.25 0.10 -0.69	39.12 0.31 0.00	43.33 0.43 0.00	41.00 0.36 -0.90	39.60 0.31 -0.59	37.88 0.38 0.00	35.37 0.25 0.00	33.42 0.17 0.00	33.23 0.17 -0.04	33.78 0.17 -0.36	34.36 0.20 -1.20	40.55 0.32 -4.60	45.88 0.52 -8.16	42.62 0.63 -4.71	41.53 0.67 -3.77	39.27 0.57 -2.94	37.18 0.51 -2.45	38.27 0.45 -5.47	30.27 0.33 -2.50	33.86 0.35 -1.44
MILLIKEN___DIESEL 23629	38.69 0.27 -0.01	32.84 0.06 -0.93	28.48 0.08 -1.66	30.45 0.09 -1.03	33.25 0.10 -0.69	39.12 0.31 0.00	43.33 0.43 0.00	41.00 0.36 -0.90	39.60 0.31 -0.59	37.88 0.38 0.00	35.37 0.25 0.00	33.42 0.17 0.00	33.23 0.17 -0.04	33.78 0.17 -0.36	34.36 0.20 -1.20	40.55 0.32 -4.60	45.88 0.52 -8.16	42.62 0.63 -4.71	41.53 0.67 -3.77	39.27 0.57 -2.94	37.18 0.51 -2.45	38.27 0.45 -5.47	30.27 0.33 -2.50	33.86 0.35 -1.44
MILLSEAT___LFGE 323607	35.77 -2.65 -0.01	30.13 -2.36 -0.64	25.96 -1.93 -1.14	28.05 -2.00 -0.71	30.57 -2.37 -0.48	36.32 -2.48 0.00	39.85 -3.04 0.00	37.10 -3.18 -0.54	36.15 -2.90 -0.36	35.18 -2.33 0.00	32.81 -2.32 0.00	30.80 -2.46 0.00	30.47 -2.58 -0.03	30.75 -2.73 -0.22	30.85 -2.84 -0.72	33.17 -2.99 -0.54	35.38 -2.75 -0.94	37.26 -2.83 -2.81	36.75 -2.60 -2.25	35.12 -2.40 -1.76	32.94 -2.74 -1.47	30.50 -2.49 -0.64	26.76 -2.17 -1.49	30.78 -2.15 -0.86
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.44 1.96 -0.07	38.26 1.53 -4.88	36.74 1.28 -8.71	36.11 1.35 -5.42	37.60 1.49 -3.65	40.56 1.75 0.00	44.87 1.97 0.00	46.74 2.19 -4.81	44.31 2.44 -3.17	39.90 2.40 0.00	37.41 2.28 0.00	39.28 2.16 -3.86	37.50 2.15 -2.33	42.38 2.13 -6.99	42.26 2.14 -7.15	48.19 2.32 -10.25	57.63 2.34 -18.09	64.72 2.31 -25.12	59.53 2.34 -20.09	53.71 2.29 -15.67	49.38 2.09 -13.08	46.42 1.91 -12.16	42.34 1.59 -13.31	41.48 1.76 -7.65
MILLWOOD_13_KV_LOAD 356217	40.55 2.07 -0.07	38.33 1.59 -4.88	36.80 1.34 -8.71	36.17 1.41 -5.42	37.66 1.56 -3.65	40.63 1.82 0.00	45.00 2.10 0.00	46.82 2.27 -4.81	44.42 2.55 -3.17	40.01 2.51 0.00	37.52 2.39 0.00	39.35 2.23 -3.86	37.57 2.21 -2.33	42.44 2.20 -6.99	42.33 2.21 -7.15	48.30 2.42 -10.25	57.71 2.42 -18.09	64.79 2.39 -25.12	59.60 2.41 -20.09	53.82 2.40 -15.67	49.49 2.19 -13.08	46.52 2.01 -12.16	42.40 1.65 -13.31	41.55 1.83 -7.65
MODEL_CITY_ENERGY 24167	34.85 -3.57 -0.01	29.43 -3.09 -0.67	25.45 -2.49 -1.19	27.38 -2.70 -0.74	29.81 -3.15 -0.50	35.28 -3.53 0.00	38.61 -4.29 0.00	35.75 -4.53 -0.54	34.84 -4.22 -0.36	34.13 -3.37 0.00	31.82 -3.30 0.00	29.87 -3.39 0.00	29.55 -3.50 -0.03	29.85 -3.62 -0.21	29.82 -3.86 -0.71	32.03 -4.13 -0.53	34.22 -3.91 -0.93	35.85 -4.21 -2.78	35.43 -3.89 -2.23	33.77 -3.72 -1.74	31.66 -4.00 -1.45	29.45 -3.53 -0.63	25.93 -2.99 -1.48	29.84 -3.08 -0.85
MODERN_LFGE___ 323580	34.85 -3.57 -0.01	29.43 -3.09 -0.67	25.45 -2.49 -1.19	27.38 -2.70 -0.74	29.81 -3.15 -0.50	35.28 -3.53 0.00	38.61 -4.29 0.00	35.75 -4.53 -0.54	34.84 -4.22 -0.36	34.13 -3.37 0.00	31.82 -3.30 0.00	29.87 -3.39 0.00	29.55 -3.50 -0.03	29.85 -3.62 -0.21	29.82 -3.86 -0.71	32.03 -4.13 -0.53	34.22 -3.91 -0.93	35.85 -4.21 -2.78	35.43 -3.89 -2.23	33.77 -3.72 -1.74	31.66 -4.00 -1.45	29.45 -3.53 -0.63	25.93 -2.99 -1.48	29.84 -3.08 -0.85
MOHAWK_PAPER___DRP 24187	39.91 1.42 -0.08	38.90 1.18 -5.87	38.21 0.99 -10.47	36.97 1.11 -6.52	38.07 1.23 -4.38	40.28 1.47 0.00	44.31 1.42 0.00	46.92 1.39 -5.79	43.86 1.35 -3.81	38.81 1.31 0.00	36.39 1.26 0.00	35.74 1.26 -1.22	35.19 1.25 -0.92	38.38 1.23 -3.89	42.07 1.19 -7.91	49.09 1.14 -12.32	60.17 1.23 -21.74	68.72 1.23 -30.21	62.48 1.22 -24.16	55.74 1.14 -18.84	51.04 1.09 -15.73	47.91 0.94 -14.62	44.30 0.85 -16.01	42.23 0.96 -9.20
MOHICAN___35_KV_115KV_LD 80490	40.84 2.34 -0.09	39.86 2.01 -6.00	39.06 1.60 -10.71	37.79 1.79 -6.67	38.98 2.04 -4.48	41.33 2.52 0.00	45.77 2.87 0.00	48.48 2.82 -5.92	45.11 2.52 -3.90	39.79 2.29 0.00	37.17 2.04 0.00	36.34 1.96 -1.12	35.84 1.95 -0.87	39.03 1.96 -3.81	42.94 1.91 -8.06	50.50 2.28 -12.59	61.99 2.57 -22.23	70.82 2.65 -30.89	64.44 2.63 -24.71	57.45 2.43 -19.26	52.56 2.26 -16.08	49.37 2.07 -14.95	45.56 1.76 -16.37	43.47 1.99 -9.41
MONGAUP___HYD 23641	40.28 1.81 -0.06	37.70 1.37 -4.48	35.92 1.18 -8.00	35.51 1.20 -4.98	37.17 1.36 -3.35	40.48 1.67 0.00	44.83 1.93 0.00	46.06 1.91 -4.42	43.66 2.05 -2.91	39.37 1.87 0.00	36.74 1.62 0.00	23.06 1.53 11.73	28.25 1.52 6.29	21.08 1.56 13.74	38.08 1.62 -3.49	46.92 1.89 -9.40	55.80 2.01 -16.60	62.45 2.12 -23.05	57.72 2.19 -18.43	52.27 2.15 -14.37	48.20 1.98 -12.00	45.26 1.75 -11.16	41.08 1.43 -12.21	40.79 1.70 -7.02
MONTAUK___DIESEL 23721	41.13 2.65 -0.07	38.67 1.91 -4.91	36.79 1.28 -8.76	36.22 1.44 -5.45	37.62 1.49 -3.66	40.75 1.94 0.00	45.60 2.70 0.00	48.01 3.42 -4.85	45.25 3.37 -3.19	40.61 3.11 0.00	38.33 3.20 -0.01	40.09 3.16 -3.67	38.29 3.04 -2.23	43.81 2.93 -7.62	44.91 2.87 -9.07	53.81 2.85 -15.33	68.64 2.83 -28.62	72.09 2.98 -31.83	70.11 3.12 -29.90	63.65 3.04 -24.86	62.54 2.63 -25.69	58.91 2.36 -24.20	49.56 2.09 -20.03	44.28 2.69 -9.52
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.12 -2.30 -0.01	30.00 -2.61 -0.76	25.98 -2.11 -1.35	27.89 -2.29 -0.84	30.30 -2.73 -0.57	36.67 -2.13 0.00	40.37 -2.53 0.00	37.15 -3.22 -0.62	36.09 -3.02 -0.41	35.59 -1.91 0.00	32.95 -2.18 0.00	30.83 -2.43 0.00	30.25 -2.81 -0.03	30.18 -3.33 -0.25	30.30 -3.49 -0.82	32.31 -3.81 -0.49	34.14 -3.91 -0.85	37.08 -3.43 -3.23	36.49 -3.19 -2.59	34.66 -3.11 -2.02	32.65 -3.25 -1.69	29.82 -3.11 -0.58	26.47 -2.69 -1.72	29.95 -3.11 -0.99

MORRIS_RIDGE___SOLAR 323848	36.42 -2.00 -0.01	30.58 -2.17 -0.90	26.67 -1.68 -1.61	28.51 -1.82 -1.00	31.02 -2.11 -0.67	36.99 -1.82 0.00	40.75 -2.14 0.00	38.04 -2.50 -0.80	36.91 -2.32 -0.53	36.00 -1.50 0.00	33.48 -1.65 0.00	31.36 -1.89 0.00	30.95 -2.11 -0.04	31.18 -2.40 -0.32	31.46 -2.57 -1.06	33.13 -2.74 -0.25	34.93 -2.68 -0.41	38.99 -2.46 -4.17	38.17 -2.26 -3.34	36.14 -2.22 -2.60	33.99 -2.40 -2.18	30.28 -2.36 -0.29	27.65 -2.00 -2.21	31.10 -2.25 -1.27
MORTIMER_115KV_TB3 55949	36.34 -2.07 -0.01	30.90 -1.50 -0.55	26.49 -1.23 -0.98	28.65 -1.29 -0.61	31.37 -1.49 -0.41	36.95 -1.86 0.00	40.62 -2.27 0.00	38.14 -2.15 -0.55	37.16 -1.90 -0.36	35.74 -1.76 0.00	33.34 -1.79 0.00	31.53 -1.73 0.00	31.29 -1.75 -0.02	31.75 -1.73 -0.22	31.88 -1.81 -0.73	34.23 -1.96 -0.56	36.43 -1.75 -0.98	38.32 -1.83 -2.86	37.72 -1.67 -2.29	36.04 -1.50 -1.79	33.96 -1.75 -1.49	31.43 -1.59 -0.66	27.61 -1.34 -1.52	31.66 -1.28 -0.87
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.52 2.63 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.40 2.39 -6.74	42.49 2.37 -7.14	48.49 2.57 -10.30	57.95 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.75	49.62 2.26 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
MUNSVILLE_WIND_PWR 323609	40.85 2.42 -0.02	35.04 1.75 -1.44	30.65 1.34 -2.57	32.40 1.47 -1.60	35.12 1.59 -1.07	41.33 2.52 0.00	45.77 2.87 0.00	43.92 2.78 -1.40	42.29 2.67 -0.92	40.09 2.59 0.00	37.34 2.21 0.00	34.67 1.89 0.48	34.90 2.08 0.21	35.34 2.16 0.08	37.00 2.27 -1.76	43.04 2.92 -4.48	48.56 3.42 -7.94	48.21 3.62 -7.32	46.29 3.34 -5.85	43.32 3.00 -4.56	41.07 3.04 -3.81	40.14 2.46 -5.33	33.21 1.89 -3.88	36.38 2.08 -2.23
N SALMON___HYD 24042	37.03 -1.38 0.00	31.42 -0.51 -0.08	26.14 -0.75 -0.14	28.72 -0.70 -0.09	32.29 -0.23 -0.06	38.27 -0.54 0.00	43.03 0.13 0.00	40.81 0.99 -0.08	38.83 0.08 -0.05	36.38 -1.12 0.00	33.62 -1.51 0.00	31.73 -1.53 0.00	31.64 -1.39 0.00	31.83 -1.46 -0.03	31.86 -1.22 -0.10	34.84 -0.96 -0.17	36.04 -1.45 -0.30	36.16 -1.53 -0.41	35.31 -2.11 -0.33	33.51 -2.50 -0.26	32.34 -2.09 -0.21	29.80 -2.75 -0.20	25.41 -2.25 -0.22	30.01 -2.18 -0.13
N.AKRON__115KV_KNAPP 355671	35.65 -2.77 -0.01	30.14 -2.36 -0.64	25.96 -1.93 -1.15	28.02 -2.02 -0.71	30.57 -2.37 -0.48	36.33 -2.48 0.00	39.81 -3.09 0.00	37.06 -3.22 -0.54	36.15 -2.90 -0.36	35.18 -2.33 0.00	32.67 -2.46 0.00	30.80 -2.46 0.00	30.47 -2.58 -0.03	30.75 -2.73 -0.22	30.82 -2.87 -0.72	33.14 -3.03 -0.54	35.34 -2.79 -0.93	37.22 -2.87 -2.81	36.71 -2.79 -2.25	35.08 -2.43 -1.75	32.91 -2.77 -1.47	30.43 -2.56 -0.63	26.76 -2.17 -1.49	30.75 -2.18 -0.86
N.BELMOR_69_KV_BK1 55787	41.09 2.61 -0.07	38.73 1.97 -4.91	36.95 1.44 -8.76	36.34 1.55 -5.45	37.78 1.66 -3.66	40.87 2.06 0.00	45.52 2.62 0.00	47.57 2.98 -4.85	44.90 3.02 -3.19	40.35 2.85 0.00	38.09 2.95 -0.01	39.69 2.76 -3.68	37.97 2.71 -2.24	43.92 2.69 -7.97	45.50 2.70 -9.82	55.86 2.92 -17.31	72.78 2.86 -32.71	74.53 2.83 -34.41	73.66 2.86 -33.71	67.05 2.86 -28.43	67.43 2.60 -30.61	63.64 2.39 -28.90	52.14 2.06 -22.64	44.64 2.34 -10.23
N.E_GEN_SANDY PD 24062	40.10 1.61 -0.08	38.60 1.34 -5.41	37.55 1.15 -9.66	36.61 1.26 -6.01	37.89 1.39 -4.04	40.40 1.59 0.00	46.90 1.80 -2.20	48.81 1.87 -7.20	44.11 1.90 -3.52	39.30 1.80 0.00	36.71 1.58 0.00	36.90 1.60 -2.05	35.96 1.59 -1.35	39.62 1.56 -4.80	42.00 1.55 -7.48	48.70 1.71 -11.36	59.11 1.86 -20.05	67.01 1.86 -27.87	61.24 1.85 -22.29	54.85 1.72 -17.38	50.40 1.68 -14.51	47.29 1.46 -13.48	43.44 1.24 -14.76	42.00 1.44 -8.49
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.36 1.88 -0.07	38.05 1.43 -4.76	36.48 1.23 -8.50	35.89 1.26 -5.29	37.41 1.40 -3.56	40.44 1.63 0.00	44.79 1.89 0.00	46.50 2.07 -4.70	44.11 2.32 -3.09	39.83 2.33 0.00	37.34 2.21 0.00	40.20 2.10 -4.85	37.97 2.08 -2.87	43.60 2.10 -8.24	42.24 2.08 -7.19	47.87 2.24 -10.00	57.12 2.27 -17.65	64.03 2.24 -24.51	58.96 2.26 -19.60	53.29 2.25 -15.29	49.03 2.05 -12.76	46.03 1.81 -11.87	41.94 1.51 -12.99	41.23 1.70 -7.47
N.QUEENS_27_KV_LOAD 356247	40.94 2.46 -0.07	38.60 1.85 -4.91	37.05 1.55 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.87 1.97 0.00	46.84 2.27 -4.84	44.52 2.63 -3.19	40.13 2.63 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.49 2.57 -10.30	57.83 2.46 -18.18	64.91 2.39 -25.25	59.70 2.41 -20.19	54.00 2.50 -15.74	49.55 2.19 -13.14	46.58 2.01 -12.22	42.49 1.67 -13.38	41.71 1.96 -7.69
N.TROY___115KV_TB1 355778	39.99 1.50 -0.09	38.99 1.24 -5.90	38.32 1.04 -10.53	37.06 1.17 -6.55	38.16 1.30 -4.41	40.36 1.55 0.00	44.61 1.72 0.00	47.27 1.71 -5.82	44.16 1.63 -3.83	39.00 1.50 0.00	36.50 1.37 0.00	35.84 1.36 -1.22	35.29 1.35 -0.92	38.52 1.36 -3.90	42.24 1.32 -7.95	49.47 1.46 -12.38	60.66 1.60 -21.86	69.30 1.64 -30.38	63.02 1.63 -24.29	56.17 1.47 -18.94	51.47 1.44 -15.81	48.31 1.26 -14.70	44.61 1.07 -16.09	42.57 1.25 -9.25
NARROWS_GT1_1 24228	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT1_2 24229	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT1_3 24230	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT1_4 24231	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69

NARROWS_GT1_5 24232	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT1_6 24233	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT1_7 24234	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT1_8 24235	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_1 24236	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_2 24237	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_3 24238	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_4 24239	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_5 24240	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_6 24241	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_7 24242	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NARROWS_GT2_8 24243	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.38 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.33 1.84 -0.08	38.65 1.24 -5.55	37.70 1.04 -9.91	36.74 1.23 -6.17	37.97 1.36 -4.15	40.83 2.02 0.00	44.83 1.93 0.00	46.61 1.39 -5.48	43.43 1.12 -3.61	38.66 1.16 0.00	36.08 0.95 0.00	35.72 0.93 -1.53	35.05 0.96 -1.07	38.20 0.76 -4.17	41.32 0.79 -7.56	48.11 0.82 -11.66	58.82 1.04 -20.58	67.07 1.19 -28.60	61.19 1.22 -22.87	54.66 1.07 -17.83	50.17 1.06 -14.89	47.06 0.87 -13.84	43.33 0.74 -15.15	41.68 0.90 -8.71
NCHELSEA_115KV_TR2 355582	40.59 2.11 -0.07	38.39 1.62 -4.91	36.90 1.39 -8.77	36.23 1.44 -5.46	37.75 1.62 -3.67	40.75 1.94 0.00	45.13 2.23 0.00	46.85 2.27 -4.84	44.36 2.48 -3.19	39.90 2.40 0.00	37.27 2.14 0.00	38.75 2.06 -3.43	37.17 2.05 -2.10	41.79 2.10 -6.44	42.21 2.14 -7.10	48.33 2.39 -10.31	57.85 2.46 -18.20	65.02 2.46 -25.28	59.76 2.45 -20.22	53.91 2.40 -15.76	49.63 2.26 -13.16	46.59 2.01 -12.24	42.48 1.65 -13.39	41.69 1.92 -7.70
NEG CAPITAL___MECHNVIL 23645	40.38 1.88 -0.09	39.41 1.59 -5.96	38.68 1.28 -10.65	37.43 1.47 -6.63	38.53 1.62 -4.45	40.83 2.02 0.00	45.13 2.23 0.00	47.81 2.18 -5.89	44.58 2.01 -3.88	39.34 1.84 0.00	36.78 1.65 0.00	36.08 1.66 -1.15	35.56 1.65 -0.88	38.76 1.66 -3.84	42.61 1.62 -8.02	50.04 1.89 -12.52	61.42 2.12 -22.10	70.16 2.16 -30.72	63.81 2.15 -24.57	56.88 1.97 -19.15	52.09 1.88 -15.99	48.89 1.68 -14.86	45.14 1.43 -16.27	43.03 1.60 -9.36

NEG CENTRAL_HIGH_ACRES 23767	36.11 -2.30 -0.01	30.60 -1.78 -0.53	26.20 -1.50 -0.95	28.37 -1.56 -0.59	31.07 -1.79 -0.40	36.64 -2.17 0.00	40.37 -2.53 0.00	37.93 -2.34 -0.54	36.88 -2.17 -0.35	35.47 -2.03 0.00	33.20 -1.93 0.00	31.33 -1.93 0.00	31.13 -1.92 -0.02	31.58 -1.89 -0.21	31.74 -1.95 -0.71	34.25 -2.07 -0.69	36.51 -1.90 -1.21	38.14 -1.94 -2.80	37.48 -1.85 -2.24	35.79 -1.72 -1.75	33.76 -1.92 -1.46	31.42 -1.75 -0.81	27.42 -1.51 -1.49	31.38 -1.54 -0.85
NEG CENTRAL____DRP 24199	37.73 -0.69 -0.01	31.74 -0.70 -0.59	27.24 -0.56 -1.06	29.40 -0.59 -0.66	32.25 -0.65 -0.44	38.23 -0.58 0.00	42.34 -0.56 0.00	39.73 -0.60 -0.58	38.50 -0.58 -0.39	37.09 -0.41 0.00	34.64 -0.49 0.00	32.73 -0.53 0.00	32.45 -0.59 -0.02	32.89 -0.60 -0.23	33.12 -0.63 -0.77	35.60 -0.64 -0.61	37.78 -0.48 -1.06	40.00 -0.34 -3.05	39.28 -0.26 -2.44	37.34 -0.32 -1.90	35.39 -0.41 -1.59	32.65 -0.42 -0.72	28.67 -0.38 -1.62	32.58 -0.42 -0.93
NEG CENTRAL____INDECK 23768	37.35 -1.08 -0.01	31.58 -1.05 -0.78	27.28 -0.86 -1.39	29.41 -0.79 -0.87	32.10 -0.94 -0.58	38.11 -0.70 0.00	42.04 -0.86 0.00	39.64 -0.84 -0.73	38.29 -0.89 -0.48	36.75 -0.75 0.00	34.14 -0.98 0.00	32.03 -1.23 0.00	31.77 -1.29 -0.03	32.15 -1.40 -0.29	32.46 -1.48 -0.97	34.38 -1.43 -0.18	36.46 -1.04 -0.30	40.40 -0.71 -3.83	39.67 -0.48 -3.06	37.78 -0.36 -2.39	35.52 -0.68 -1.99	31.75 -0.81 -0.21	28.70 -0.77 -2.03	32.53 -0.71 -1.17
NEG CENTRAL____SENECA 23627	37.61 -0.81 -0.01	31.65 -0.86 -0.66	27.25 -0.67 -1.17	29.39 -0.67 -0.73	32.17 -0.78 -0.49	38.19 -0.62 0.00	42.30 -0.60 0.00	39.75 -0.64 -0.64	38.54 -0.58 -0.42	37.16 -0.34 0.00	34.64 -0.49 0.00	32.66 -0.60 0.00	32.39 -0.66 -0.03	32.78 -0.73 -0.25	33.06 -0.76 -0.85	35.07 -0.75 -0.19	36.95 -0.56 -0.31	40.30 -0.34 -3.36	39.52 -0.26 -2.69	37.53 -0.32 -2.09	35.49 -0.48 -1.75	32.02 -0.55 -0.22	28.73 -0.49 -1.78	32.55 -0.55 -1.02
NEG CENTRAL____STATE_STREET 24147	37.99 -0.42 -0.01	32.02 -0.41 -0.58	27.43 -0.35 -1.04	29.63 -0.35 -0.65	32.50 -0.39 -0.43	38.46 -0.35 0.00	42.64 -0.26 0.00	40.00 -0.32 -0.57	38.73 -0.35 -0.38	37.24 -0.26 0.00	34.85 -0.28 0.00	32.96 -0.30 0.00	32.75 -0.30 -0.02	33.19 -0.30 -0.23	33.43 -0.30 -0.76	36.86 -0.29 -1.51	39.76 -0.11 -2.67	40.23 -0.04 -2.99	39.49 0.00 -2.39	37.58 -0.04 -1.86	35.67 -0.10 -1.56	34.08 -0.06 -1.80	28.94 -0.08 -1.58	32.88 -0.10 -0.91
NEG MILLWOOD____DRP 24198	40.75 2.27 -0.07	38.55 1.75 -4.95	37.07 1.50 -8.83	36.38 1.55 -5.50	37.94 1.79 -3.69	40.90 2.10 0.00	45.30 2.40 0.00	47.12 2.50 -4.88	44.70 2.79 -3.21	40.20 2.70 0.00	37.59 2.46 0.00	38.79 2.26 -3.27	37.28 2.25 -2.01	41.79 2.29 -6.24	42.43 2.34 -7.12	48.62 2.60 -10.39	58.21 2.68 -18.33	65.39 2.65 -25.46	60.09 2.63 -20.36	54.21 2.57 -15.88	49.94 2.46 -13.26	46.91 2.23 -12.33	42.71 1.78 -13.49	41.84 2.02 -7.76
NEG NORTH_FLCN_SEA 23793	37.18 -1.23 0.00	31.37 -0.48 0.00	26.02 -0.72 0.00	28.66 -0.67 0.00	32.33 -0.13 0.00	38.38 -0.43 0.00	43.11 0.21 0.00	40.81 1.07 0.00	38.81 0.12 0.00	36.56 -0.94 0.00	33.83 -1.30 0.00	31.89 -1.36 0.00	31.80 -1.22 0.00	31.96 -1.30 0.00	31.92 -1.06 0.00	34.81 -0.82 0.00	35.82 -1.38 0.00	35.79 -1.49 0.00	34.98 -2.11 0.00	33.25 -2.50 0.00	32.03 -2.19 0.00	29.57 -2.78 0.00	25.19 -2.25 0.00	29.89 -2.18 0.00
NEG NORTH_KES_CHATEGAY 23792	36.83 -1.57 0.00	31.06 -0.80 0.00	25.76 -0.99 0.00	28.39 -0.94 0.00	32.00 -0.45 0.00	37.96 -0.85 0.00	42.60 -0.30 0.00	40.30 0.56 0.00	38.31 -0.39 0.00	36.08 -1.43 0.00	33.34 -1.79 0.00	31.43 -1.83 0.00	31.37 -1.65 0.00	31.53 -1.73 0.00	31.49 -1.48 0.00	34.31 -1.32 0.00	35.34 -1.86 0.00	35.30 -1.98 0.00	34.54 -2.56 0.00	32.82 -2.93 0.00	31.65 -2.57 0.00	29.21 -3.14 0.00	24.89 -2.55 0.00	29.53 -2.53 0.00
NEG NORTH____ALICE_FALLS 23915	37.33 -1.08 0.00	31.47 -0.38 0.00	26.08 -0.67 0.00	28.72 -0.62 0.00	32.39 -0.06 0.00	38.46 -0.35 0.00	43.24 0.34 0.00	40.97 1.23 0.00	38.93 0.23 0.00	36.64 -0.86 0.00	33.86 -1.26 0.00	31.96 -1.30 0.00	31.87 -1.16 0.00	32.00 -1.26 0.00	31.98 -0.99 0.00	34.92 -0.71 0.00	35.97 -1.23 0.00	35.94 -1.34 0.00	35.13 -1.97 0.00	33.40 -2.36 0.00	32.20 -2.02 0.00	29.70 -2.65 0.00	25.27 -2.17 0.00	29.98 -2.08 0.00
NEG NORTH____LWR_SARANAC 23913	37.33 -1.08 0.00	31.47 -0.38 0.00	26.08 -0.67 0.00	28.72 -0.62 0.00	32.39 -0.06 0.00	38.46 -0.35 0.00	43.24 0.34 0.00	40.97 1.23 0.00	38.93 0.23 0.00	36.64 -0.86 0.00	33.86 -1.26 0.00	31.96 -1.30 0.00	31.87 -1.16 0.00	32.00 -1.26 0.00	31.98 -0.99 0.00	34.92 -0.71 0.00	35.97 -1.23 0.00	35.94 -1.34 0.00	35.13 -1.97 0.00	33.40 -2.36 0.00	32.20 -2.02 0.00	29.70 -2.65 0.00	25.27 -2.17 0.00	29.98 -2.08 0.00
NEG NORTH____PLATTSBURG 23628	37.14 -1.27 0.00	31.47 -0.38 0.00	26.08 -0.67 0.00	28.72 -0.62 0.00	32.39 -0.06 0.00	38.46 -0.35 0.00	43.24 0.34 0.00	40.97 1.23 0.00	39.01 0.31 0.00	36.64 -0.86 0.00	33.86 -1.26 0.00	31.96 -1.30 0.00	31.87 -1.16 0.00	32.00 -1.26 0.00	31.98 -0.99 0.00	34.92 -0.71 0.00	35.97 -1.23 0.00	35.94 -1.34 0.00	35.13 -1.97 0.00	33.39 -2.36 0.00	32.20 -2.02 0.00	29.70 -2.65 0.00	25.27 -2.17 0.00	29.98 -2.08 0.00
NEG WEST_LEA_LOCKPORT 23791	35.15 -3.26 -0.01	29.71 -2.80 -0.66	25.68 -2.25 -1.18	27.63 -2.43 -0.74	30.10 -2.86 -0.49	35.70 -3.10 0.00	39.08 -3.82 0.00	36.23 -4.05 -0.54	35.30 -3.75 -0.36	34.54 -2.96 0.00	32.07 -3.06 0.00	30.23 -3.03 0.00	29.91 -3.14 -0.03	30.15 -3.33 -0.22	30.16 -3.53 -0.71	32.38 -3.78 -0.53	34.55 -3.57 -0.92	36.31 -3.77 -2.80	35.85 -3.49 -2.24	34.18 -3.33 -1.75	32.08 -3.59 -1.46	29.77 -3.20 -0.63	26.24 -2.69 -1.49	30.13 -2.79 -0.86
NEG WEST____LANCASTR 23811	36.31 -2.11 -0.01	28.98 -3.63 -0.76	25.19 -2.92 -1.36	26.98 -3.20 -0.85	29.36 -3.67 -0.57	36.83 -1.98 0.00	40.50 -2.40 0.00	36.68 -3.70 -0.63	35.55 -3.56 -0.42	35.96 -1.54 0.00	33.41 -1.72 0.00	31.36 -1.90 0.00	30.61 -2.44 -0.03	30.25 -3.26 -0.25	30.57 -3.23 -0.83	32.82 -3.35 -0.54	34.42 -3.72 -0.94	37.46 -3.09 -3.27	36.56 -3.15 -2.62	34.72 -3.08 -2.04	32.95 -2.98 -1.71	29.92 -3.07 -0.64	26.43 -2.74 -1.74	29.61 -3.46 -1.00
NEG_PENN_ALLEGHNY 23528	38.35 -0.08 -0.02	33.04 -0.32 -1.51	29.19 -0.24 -2.69	30.74 -0.26 -1.67	33.26 -0.32 -1.13	38.73 -0.08 0.00	42.86 -0.04 0.00	41.05 -0.16 -1.46	39.58 -0.08 -0.96	37.73 0.23 0.00	35.27 0.14 0.00	32.78 0.03 0.51	32.77 -0.03 0.22	33.06 -0.10 0.10	34.71 -0.10 -1.84	38.69 -0.11 -3.16	42.74 -0.04 -5.58	44.99 0.07 -7.64	43.32 0.11 -6.11	40.59 0.07 -4.76	38.19 0.00 -3.98	36.04 -0.06 -3.75	31.41 -0.08 -4.05	34.27 -0.13 -2.33
NEG____GEN_MONROE 24207	36.42 -2.00 -0.01	30.88 -1.53 -0.55	26.47 -1.26 -0.99	28.66 -1.29 -0.61	31.35 -1.53 -0.41	37.02 -1.79 0.00	40.67 -2.23 0.00	38.10 -2.19 -0.55	37.08 -1.97 -0.36	35.74 -1.76 0.00	33.30 -1.83 0.00	31.46 -1.80 0.00	31.20 -1.85 -0.02	31.61 -1.86 -0.21	31.71 -1.98 -0.72	34.02 -2.17 -0.56	36.21 -1.97 -0.98	38.04 -2.09 -2.85	37.52 -1.85 -2.28	35.89 -1.64 -1.77	33.78 -1.92 -1.48	31.30 -1.71 -0.66	27.49 -1.45 -1.51	31.62 -1.31 -0.87

NEPA___ENERGY 23901	35.92 -2.50 -0.01	29.97 -2.61 -0.73	25.96 -2.09 -1.30	27.88 -2.26 -0.81	30.34 -2.66 -0.54	36.48 -2.33 0.00	40.07 -2.83 0.00	36.99 -3.34 -0.59	35.95 -3.13 -0.39	35.40 -2.10 0.00	32.84 -2.28 0.00	30.83 -2.43 0.00	30.38 -2.67 -0.03	30.50 -2.99 -0.24	30.58 -3.17 -0.78	32.75 -3.38 -0.50	34.72 -3.35 -0.87	37.17 -3.17 -3.06	36.57 -2.97 -2.44	34.77 -2.90 -1.91	32.70 -3.11 -1.59	30.06 -2.88 -0.59	26.62 -2.44 -1.62	30.31 -2.69 -0.93
NEVERSink___HYD 23608	40.08 1.61 -0.06	37.33 1.18 -4.30	35.41 0.99 -7.67	35.13 1.03 -4.78	36.83 1.17 -3.21	40.28 1.47 0.00	44.66 1.76 0.00	45.69 1.71 -4.24	43.42 1.93 -2.79	39.34 1.84 0.00	36.71 1.58 0.00	35.18 1.50 -0.42	34.95 1.52 -0.41	37.01 1.53 -2.22	40.28 1.62 -5.69	46.57 1.92 -9.02	55.09 1.97 -15.93	61.41 2.01 -22.11	56.82 2.04 -17.69	51.55 2.00 -13.79	47.61 1.88 -11.51	44.68 1.62 -10.71	40.47 1.32 -11.72	40.34 1.54 -6.74
NEWKRMKL_115KV_TB1 55635	39.76 1.27 -0.08	38.79 1.08 -5.86	38.08 0.88 -10.45	36.87 1.03 -6.51	37.94 1.10 -4.37	40.13 1.32 0.00	44.01 1.12 0.00	46.59 1.07 -5.78	43.55 1.04 -3.81	38.59 1.09 0.00	36.22 1.09 0.00	35.57 1.10 -1.21	35.02 1.09 -0.91	38.19 1.06 -3.87	41.85 0.99 -7.89	48.71 0.78 -12.30	59.72 0.82 -21.70	68.26 0.82 -30.16	62.03 0.82 -24.12	55.32 0.75 -18.81	50.64 0.72 -15.70	47.53 0.58 -14.59	43.94 0.52 -15.98	41.83 0.58 -9.19
NEWTON___FALLS_HYD 23847	37.57 -0.84 0.00	31.58 -0.41 -0.14	26.39 -0.62 -0.26	28.91 -0.59 -0.16	32.21 -0.36 -0.11	38.30 -0.50 0.00	42.77 -0.13 0.00	40.32 0.44 -0.14	38.40 -0.39 -0.09	36.34 -1.16 0.00	33.65 -1.48 0.00	31.69 -1.56 0.00	31.64 -1.39 -0.01	31.89 -1.43 -0.06	31.94 -1.22 -0.19	34.93 -1.00 -0.30	36.62 -1.12 -0.53	37.01 -1.01 -0.74	36.39 -1.30 -0.59	34.68 -1.54 -0.46	33.40 -1.20 -0.39	31.03 -1.68 -0.36	26.35 -1.48 -0.39	30.75 -1.54 -0.23
NGRID_A1_DSASP 323792	34.73 -3.69 -0.01	29.47 -3.06 -0.67	25.49 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.78 -4.26 -0.34	33.97 -3.53 0.00	31.72 -3.41 0.00	29.77 -3.49 0.00	29.45 -3.60 -0.03	29.77 -3.69 -0.21	29.73 -3.92 -0.68	31.96 -4.20 -0.53	34.15 -3.98 -0.93	35.60 -4.36 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
NGRID_A2_DSASP 323793	34.73 -3.69 -0.01	29.47 -3.06 -0.67	25.49 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.78 -4.26 -0.34	33.97 -3.53 0.00	31.72 -3.41 0.00	29.77 -3.49 0.00	29.45 -3.60 -0.03	29.77 -3.69 -0.21	29.73 -3.92 -0.68	31.96 -4.20 -0.53	34.15 -3.98 -0.93	35.60 -4.36 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
NGRID_A4_DSASP 323807	34.73 -3.69 -0.01	29.47 -3.06 -0.67	25.49 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.78 -4.26 -0.34	33.97 -3.53 0.00	31.72 -3.41 0.00	29.77 -3.49 0.00	29.45 -3.60 -0.03	29.77 -3.69 -0.21	29.73 -3.92 -0.68	31.96 -4.20 -0.53	34.15 -3.98 -0.93	35.60 -4.36 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
NIAGARA_115E_LBMP 323715	34.62 -3.80 -0.01	29.28 -3.25 -0.67	25.33 -2.62 -1.20	27.24 -2.84 -0.75	29.65 -3.31 -0.50	35.04 -3.76 0.00	38.35 -4.55 0.00	35.47 -4.81 -0.54	34.56 -4.49 -0.35	33.90 -3.60 0.00	31.62 -3.51 0.00	29.67 -3.59 0.00	29.35 -3.70 -0.03	29.65 -3.82 -0.21	29.59 -4.09 -0.71	31.81 -4.35 -0.53	33.99 -4.13 -0.93	35.58 -4.47 -2.77	35.16 -4.15 -2.22	33.52 -3.97 -1.73	31.42 -4.24 -1.45	29.26 -3.72 -0.63	25.76 -3.15 -1.47	29.64 -3.27 -0.85
NIAGARA_115W_LBMP 323714	34.66 -3.76 -0.01	29.40 -3.12 -0.67	25.46 -2.49 -1.20	27.35 -2.73 -0.75	29.78 -3.18 -0.50	35.08 -3.73 0.00	38.39 -4.50 0.00	35.57 -4.69 -0.52	34.71 -4.33 -0.34	33.90 -3.60 0.00	31.65 -3.48 0.00	29.70 -3.56 0.00	29.38 -3.67 -0.03	29.71 -3.76 -0.21	29.66 -3.99 -0.68	31.89 -4.28 -0.53	34.11 -4.02 -0.93	35.51 -4.44 -2.67	35.11 -4.12 -2.13	33.49 -3.93 -1.67	31.40 -4.21 -1.39	29.33 -3.66 -0.63	25.78 -3.07 -1.42	29.74 -3.14 -0.82
NIAGARA_230_LBMP 323716	35.00 -3.42 -0.01	29.62 -2.90 -0.66	25.63 -2.30 -1.18	27.55 -2.52 -0.74	30.00 -2.95 -0.50	35.43 -3.38 0.00	38.78 -4.12 0.00	35.91 -4.33 -0.50	35.04 -3.98 -0.33	34.27 -3.23 0.00	31.97 -3.16 0.00	30.00 -3.26 0.00	29.72 -3.33 -0.03	30.00 -3.46 -0.20	30.00 -3.63 -0.66	32.21 -3.96 -0.54	34.42 -3.72 -0.94	35.78 -4.06 -2.57	35.44 -3.71 -2.05	33.82 -3.54 -1.60	31.72 -3.83 -1.34	29.59 -3.40 -0.64	25.98 -2.83 -1.36	30.00 -2.85 -0.79
NIAGARA___115KV_198_GIBSON 55903	34.58 -3.84 -0.01	29.40 -3.12 -0.67	25.46 -2.49 -1.20	27.32 -2.76 -0.75	29.78 -3.18 -0.50	35.08 -3.73 0.00	38.39 -4.50 0.00	35.57 -4.69 -0.52	34.74 -4.30 -0.34	33.90 -3.60 0.00	31.47 -3.65 0.00	29.70 -3.56 0.00	29.42 -3.63 -0.03	29.71 -3.76 -0.21	29.66 -3.99 -0.68	31.85 -4.31 -0.53	34.04 -4.09 -0.93	35.47 -4.47 -2.67	35.11 -4.12 -2.13	33.49 -3.93 -1.67	31.40 -4.21 -1.39	29.29 -3.69 -0.63	25.78 -3.07 -1.42	29.74 -3.14 -0.82
NIAGARA___ 23760	35.00 -3.42 -0.01	29.63 -2.90 -0.67	25.65 -2.30 -1.20	27.56 -2.52 -0.75	30.01 -2.95 -0.50	35.43 -3.38 0.00	38.78 -4.12 0.00	35.92 -4.33 -0.51	35.05 -3.98 -0.34	34.27 -3.23 0.00	31.97 -3.16 0.00	30.00 -3.26 0.00	29.72 -3.33 -0.03	30.01 -3.46 -0.21	30.03 -3.63 -0.68	32.21 -3.96 -0.54	34.41 -3.72 -0.93	35.87 -4.06 -2.65	35.51 -3.71 -2.12	33.88 -3.54 -1.66	31.77 -3.83 -1.39	29.59 -3.40 -0.63	26.04 -2.83 -1.43	30.05 -2.85 -0.83
NINE_MILE_1 23575	37.15 -1.27 0.00	31.08 -1.05 -0.28	26.39 -0.86 -0.50	28.71 -0.94 -0.31	31.63 -1.04 -0.21	37.57 -1.24 0.00	41.52 -1.37 0.00	38.51 -1.51 -0.28	37.37 -1.51 -0.18	36.08 -1.42 0.00	33.86 -1.26 0.00	32.06 -1.20 0.00	31.85 -1.19 -0.01	32.17 -1.20 -0.11	32.15 -1.19 -0.37	34.91 -1.32 -0.59	36.91 -1.34 -1.05	37.39 -1.34 -1.46	36.93 -1.33 -1.16	35.41 -1.25 -0.91	33.78 -1.20 -0.76	32.05 -1.00 -0.70	27.39 -0.82 -0.77	31.55 -0.96 -0.44
NINE_MILE_2 23744	37.15 -1.27 0.00	31.11 -1.02 -0.28	26.39 -0.86 -0.50	28.71 -0.94 -0.31	31.63 -1.04 -0.21	37.57 -1.24 0.00	41.52 -1.37 0.00	38.51 -1.51 -0.28	37.37 -1.51 -0.18	36.08 -1.42 0.00	33.86 -1.26 0.00	32.06 -1.20 0.00	31.85 -1.19 -0.01	32.17 -1.20 -0.11	32.15 -1.19 -0.37	34.90 -1.32 -0.59	36.91 -1.34 -1.05	37.39 -1.34 -1.45	36.92 -1.33 -1.16	35.41 -1.25 -0.91	33.77 -1.20 -0.76	32.08 -0.97 -0.70	27.39 -0.82 -0.77	31.55 -0.96 -0.44
NM_CAPITAL___DRP 24208	39.76 1.27 -0.08	38.78 1.08 -5.84	38.08 0.91 -10.43	36.85 1.03 -6.49	37.92 1.10 -4.36	40.13 1.32 0.00	44.06 1.16 0.00	46.66 1.15 -5.77	43.62 1.12 -3.80	38.63 1.13 0.00	36.25 1.12 0.00	35.62 1.13 -1.23	35.07 1.12 -0.92	38.26 1.10 -3.90	41.87 1.02 -7.88	48.79 0.89 -12.27	59.78 0.93 -21.65	68.30 0.93 -30.09	62.09 0.93 -24.06	55.38 0.86 -18.76	50.70 0.82 -15.66	47.59 0.68 -14.56	44.01 0.63 -15.94	41.94 0.71 -9.16

NM_CENTRAL___DRP 24181	37.76 -0.65 -0.01	31.72 -0.54 -0.41	27.02 -0.45 -0.73	29.32 -0.47 -0.45	32.21 -0.55 -0.30	38.19 -0.62 0.00	42.26 -0.64 0.00	39.39 -0.76 -0.40	38.23 -0.74 -0.26	36.86 -0.64 0.00	34.57 -0.56 0.00	32.73 -0.53 0.00	32.51 -0.53 -0.02	32.89 -0.53 -0.16	32.97 -0.53 -0.53	35.91 -0.57 -0.85	38.19 -0.52 -1.51	38.85 -0.52 -2.09	38.25 -0.52 -1.68	36.56 -0.50 -1.31	34.83 -0.48 -1.09	33.01 -0.36 -1.01	28.22 -0.33 -1.11	32.32 -0.38 -0.64
NM_FRONTIER___DRP 24179	34.58 -3.84 -0.01	29.40 -3.12 -0.67	25.46 -2.49 -1.20	27.32 -2.76 -0.75	29.78 -3.18 -0.50	35.08 -3.73 0.00	38.39 -4.50 0.00	35.57 -4.69 -0.52	34.74 -4.30 -0.34	33.90 -3.60 0.00	31.47 -3.65 0.00	29.70 -3.56 0.00	29.42 -3.63 -0.03	29.71 -3.76 -0.21	29.66 -3.99 -0.68	31.85 -4.31 -0.53	34.04 -4.09 -0.93	35.47 -4.47 -2.67	35.11 -4.12 -2.13	33.49 -3.93 -1.67	31.40 -4.21 -1.39	29.29 -3.69 -0.63	25.78 -3.07 -1.42	29.74 -3.14 -0.82
NM_ST_REGIS___HYD 24053	37.30 -1.11 0.00	31.50 -0.45 -0.10	26.20 -0.72 -0.17	28.77 -0.67 -0.11	32.27 -0.26 -0.07	38.27 -0.54 0.00	42.90 0.00 0.00	40.67 0.83 -0.10	38.57 -0.19 -0.06	36.23 -1.28 0.00	33.51 -1.62 0.00	31.60 -1.66 0.00	31.54 -1.49 0.00	31.77 -1.53 -0.04	31.78 -1.32 -0.13	34.76 -1.07 -0.20	36.07 -1.49 -0.36	36.25 -1.53 -0.50	35.46 -2.04 -0.40	33.71 -2.36 -0.31	32.53 -1.95 -0.26	30.01 -2.59 -0.24	25.59 -2.11 -0.27	30.14 -2.08 -0.15
NORTHPORT___1 23551	40.94 2.46 -0.07	38.67 1.91 -4.91	36.84 1.34 -8.76	36.22 1.44 -5.45	37.58 1.46 -3.66	40.63 1.82 0.00	45.39 2.49 0.00	47.57 2.98 -4.85	44.79 2.90 -3.19	40.20 2.70 0.00	37.91 2.77 -0.01	39.53 2.60 -3.67	37.80 2.54 -2.23	43.39 2.53 -7.61	44.68 2.67 -9.04	53.77 2.88 -15.26	68.46 2.79 -28.47	71.70 2.69 -31.74	69.56 2.71 -29.76	63.27 2.79 -24.73	62.19 2.46 -25.51	58.67 2.30 -24.03	49.38 2.00 -19.93	43.87 2.31 -9.49
NORTHPORT___2 23552	40.94 2.46 -0.07	38.67 1.91 -4.91	36.84 1.34 -8.76	36.22 1.44 -5.45	37.58 1.46 -3.66	40.63 1.82 0.00	45.39 2.49 0.00	47.57 2.98 -4.85	44.79 2.90 -3.19	40.20 2.70 0.00	37.91 2.77 -0.01	39.53 2.60 -3.67	37.80 2.54 -2.23	43.39 2.53 -7.61	44.68 2.67 -9.04	53.77 2.88 -15.26	68.46 2.79 -28.47	71.70 2.69 -31.74	69.56 2.71 -29.76	63.27 2.79 -24.73	62.19 2.46 -25.51	58.67 2.30 -24.03	49.38 2.00 -19.93	43.87 2.31 -9.49
NORTHPORT___3 23553	41.36 2.88 -0.07	38.95 2.20 -4.91	37.13 1.63 -8.76	36.54 1.76 -5.45	38.00 1.88 -3.66	41.10 2.29 0.00	45.82 2.92 0.00	47.88 3.30 -4.85	45.21 3.33 -3.19	40.69 3.19 0.00	38.33 3.20 -0.01	39.92 2.99 -3.67	38.23 2.97 -2.23	43.80 2.93 -7.61	45.03 3.00 -9.06	54.14 3.21 -15.31	68.97 3.20 -28.57	72.22 3.13 -31.80	70.10 3.15 -29.85	63.75 3.18 -24.82	62.72 2.87 -25.63	59.17 2.68 -24.13	49.74 2.31 -19.99	44.17 2.60 -9.51
NORTHPORT___4 23650	41.36 2.88 -0.07	38.95 2.20 -4.91	37.13 1.63 -8.76	36.54 1.76 -5.45	38.00 1.88 -3.66	41.10 2.29 0.00	45.82 2.92 0.00	47.88 3.30 -4.85	45.21 3.33 -3.19	40.69 3.19 0.00	38.33 3.20 -0.01	39.92 2.99 -3.67	38.23 2.97 -2.23	43.80 2.93 -7.61	45.03 3.00 -9.06	54.14 3.21 -15.31	68.97 3.20 -28.57	72.22 3.13 -31.80	70.10 3.15 -29.85	63.75 3.18 -24.82	62.72 2.87 -25.63	59.17 2.68 -24.13	49.74 2.31 -19.99	44.17 2.60 -9.51
NORTHPORT___IC 23718	40.94 2.46 -0.07	38.67 1.91 -4.91	36.79 1.28 -8.76	36.22 1.44 -5.45	37.58 1.46 -3.66	40.63 1.82 0.00	45.39 2.49 0.00	47.57 2.98 -4.85	44.79 2.90 -3.19	40.13 2.63 0.00	37.95 2.81 -0.01	39.52 2.59 -3.67	37.80 2.54 -2.23	43.39 2.53 -7.61	44.68 2.67 -9.04	53.78 2.89 -15.26	68.46 2.79 -28.47	71.74 2.72 -31.74	69.56 2.71 -29.76	63.27 2.79 -24.73	62.19 2.46 -25.51	58.71 2.33 -24.03	49.38 2.00 -19.93	43.87 2.31 -9.49
NORTH___COUNTRY_ESR 323785	36.57 -1.84 0.00	30.99 -0.86 0.00	25.70 -1.04 0.00	28.34 -1.00 0.00	31.91 -0.55 0.00	37.84 -0.97 0.00	42.47 -0.43 0.00	40.18 0.44 0.00	38.31 -0.39 0.00	36.00 -1.50 0.00	33.26 -1.86 0.00	31.40 -1.86 0.00	31.30 -1.72 0.00	31.46 -1.80 0.00	31.42 -1.55 0.00	34.24 -1.39 0.00	35.23 -1.97 0.00	35.19 -2.09 0.00	34.39 -2.71 0.00	32.72 -3.04 0.00	31.55 -2.67 0.00	29.12 -3.23 0.00	24.81 -2.63 0.00	29.44 -2.63 0.00
NPX_GEN_1385_PROXY 323591	41.01 2.53 -0.07	39.21 2.45 -4.91	37.00 1.50 -8.76	36.49 1.70 -5.45	37.58 1.46 -3.66	40.63 1.82 0.00	45.77 2.87 0.00	48.20 3.62 -4.85	45.02 3.13 -3.19	40.16 2.66 0.00	37.98 2.84 -0.01	39.36 2.43 -3.67	37.63 2.38 -2.23	43.23 2.36 -7.61	44.98 2.97 -9.04	54.31 3.42 -15.26	68.57 2.90 -28.47	72.00 2.98 -31.74	69.56 2.71 -29.76	63.38 2.89 -24.73	62.05 2.33 -25.51	58.77 2.39 -24.03	49.43 2.06 -19.93	44.06 2.50 -9.49
NPX_GEN_CSC 323557	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.94 3.05 0.00	48.12 3.54 -4.85	45.37 3.48 -3.19	40.73 3.23 0.00	38.40 3.27 -0.01	40.02 3.09 -3.67	38.29 3.04 -2.23	43.91 3.03 -7.62	45.14 3.10 -9.07	53.99 3.03 -15.33	68.94 3.13 -28.62	72.28 3.17 -31.83	70.22 3.23 -29.90	63.79 3.18 -24.86	62.78 2.87 -25.69	59.16 2.62 -24.19	49.94 2.47 -20.03	44.44 2.85 -9.51
NSINS_S___GLNS_FALLS 23858	40.84 2.34 -0.09	39.86 2.01 -6.00	39.06 1.60 -10.72	37.79 1.79 -6.67	38.99 2.04 -4.48	41.33 2.52 0.00	45.77 2.87 0.00	48.49 2.82 -5.92	45.11 2.52 -3.90	39.79 2.29 0.00	37.20 2.07 0.00	36.34 1.96 -1.12	35.83 1.95 -0.86	39.03 1.96 -3.80	42.95 1.91 -8.07	50.51 2.28 -12.60	62.01 2.57 -22.24	70.84 2.65 -30.91	64.45 2.63 -24.72	57.43 2.40 -19.28	52.57 2.26 -16.09	49.34 2.04 -14.96	45.57 1.76 -16.38	43.47 1.99 -9.42
NUCOR_STEEL___DRP 24197	38.11 -0.31 -0.01	32.09 -0.32 -0.56	27.47 -0.27 -0.99	29.69 -0.26 -0.62	32.58 -0.29 -0.42	38.54 -0.27 0.00	42.68 -0.21 0.00	40.01 -0.28 -0.55	38.75 -0.31 -0.36	37.28 -0.23 0.00	34.88 -0.25 0.00	32.99 -0.27 0.00	32.78 -0.26 -0.02	33.24 -0.23 -0.22	33.47 -0.23 -0.73	36.93 -0.21 -1.52	39.77 -0.11 -2.68	40.11 -0.04 -2.86	39.39 0.00 -2.29	37.51 -0.04 -1.79	35.64 -0.07 -1.49	34.12 -0.03 -1.80	28.93 -0.03 -1.52	32.91 -0.03 -0.87
NUMBER_THREE_WT_PWR 323818	38.33 -0.08 0.00	32.09 0.06 -0.17	26.95 -0.11 -0.31	29.44 -0.09 -0.19	32.62 0.03 -0.13	39.00 0.20 0.00	43.33 0.43 0.00	40.59 0.67 -0.17	38.81 0.00 -0.11	36.94 -0.56 0.00	34.28 -0.84 0.00	32.23 -1.03 0.00	32.14 -0.89 -0.01	32.46 -0.86 -0.07	32.50 -0.69 -0.22	35.56 -0.43 -0.36	37.54 -0.30 -0.64	38.09 -0.07 -0.89	37.62 -0.18 -0.71	35.92 -0.39 -0.55	34.47 -0.20 -0.46	32.20 -0.58 -0.43	27.31 -0.60 -0.47	31.63 -0.71 -0.27
NYISO_LBMP_REFERENCE 24008	38.41 0.00 0.00	31.85 0.00 0.00	26.74 0.00 0.00	29.33 0.00 0.00	32.46 0.00 0.00	38.81 0.00 0.00	42.90 0.00 0.00	39.74 0.00 0.00	38.70 0.00 0.00	37.50 0.00 0.00	35.13 0.00 0.00	33.26 0.00 0.00	33.02 0.00 0.00	33.26 0.00 0.00	32.97 0.00 0.00	35.63 0.00 0.00	37.20 0.00 0.00	37.28 0.00 0.00	37.10 0.00 0.00	35.76 0.00 0.00	34.22 0.00 0.00	32.35 0.00 0.00	27.44 0.00 0.00	32.07 0.00 0.00

NYPA_BRENTWD____GT 24164	41.40 2.92 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.06 2.25 0.00	45.86 2.96 0.00	48.01 3.42 -4.85	45.25 3.36 -3.19	40.65 3.15 0.00	38.37 3.23 -0.01	39.96 3.03 -3.67	38.19 2.94 -2.23	43.82 2.93 -7.63	45.14 3.07 -9.10	54.32 3.28 -15.41	69.26 3.27 -28.79	72.46 3.24 -31.94	70.42 3.27 -30.06	64.05 3.29 -25.01	63.05 2.94 -25.90	59.49 2.75 -24.39	49.94 2.36 -20.14	44.31 2.69 -9.55
NYPA_GOWANUS____GT5 24156	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
NYPA_GOWANUS____GT6 24157	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.05 2.55 0.00	37.62 2.49 0.00	39.35 2.43 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.45 2.34 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.55 2.19 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
NYPA_HARLEM__RVR__GT1 24160	40.86 2.38 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.78 1.65 -3.66	40.63 1.82 0.00	44.78 1.89 0.01	46.76 2.18 -4.83	44.39 2.51 -3.18	40.04 2.55 0.01	37.61 2.49 0.01	39.35 2.43 -3.66	37.65 2.41 -2.22	42.29 2.29 -6.74	42.41 2.31 -7.13	48.41 2.49 -10.29	57.75 2.38 -18.17	64.79 2.27 -25.24	59.62 2.34 -20.18	53.89 2.40 -15.74	49.47 2.12 -13.14	46.51 1.94 -12.21	42.43 1.62 -13.37	41.65 1.89 -7.69
NYPA_HARLEM__RVR__GT2 24161	40.86 2.38 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.78 1.65 -3.66	40.63 1.82 0.00	44.78 1.89 0.01	46.76 2.18 -4.83	44.39 2.51 -3.18	40.04 2.55 0.01	37.61 2.49 0.01	39.35 2.43 -3.66	37.65 2.41 -2.22	42.29 2.29 -6.74	42.41 2.31 -7.13	48.41 2.49 -10.29	57.75 2.38 -18.17	64.79 2.27 -25.24	59.62 2.34 -20.18	53.89 2.40 -15.74	49.47 2.12 -13.14	46.51 1.94 -12.21	42.43 1.62 -13.37	41.65 1.89 -7.69
NYPA_KENT____GT 24152	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.52 2.63 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.42 2.50 -3.67	37.69 2.44 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.57 2.64 -10.30	57.94 2.56 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.71 2.13 -12.22	42.63 1.81 -13.38	41.78 2.02 -7.69
NYPA_POUCH1____GT 24155	40.82 2.34 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.25 1.47 -5.45	37.74 1.62 -3.66	40.59 1.79 0.00	44.87 1.97 0.00	46.76 2.18 -4.84	44.32 2.44 -3.19	39.90 2.40 0.00	37.48 2.35 0.00	39.22 2.29 -3.67	37.53 2.28 -2.23	42.23 2.23 -6.74	42.35 2.24 -7.14	48.42 2.49 -10.30	57.79 2.42 -18.18	64.88 2.35 -25.25	59.70 2.41 -20.19	53.97 2.47 -15.74	49.45 2.09 -13.14	46.61 2.04 -12.22	42.55 1.73 -13.38	41.71 1.96 -7.69
NYPA_VERNON____GT2 24162	40.86 2.38 -0.07	38.57 1.81 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.45 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.74	42.55 2.44 -7.14	48.57 2.64 -10.30	57.94 2.56 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
NYPA_VERNON____GT3 24163	40.86 2.38 -0.07	38.57 1.81 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.45 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.74	42.55 2.44 -7.14	48.57 2.64 -10.30	57.94 2.56 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.08 2.58 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
NYPA__ASTORIA_CC1 323568	40.86 2.38 -0.07	38.57 1.81 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.42 2.50 -3.67	37.73 2.48 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
NYPA__ASTORIA_CC2 323569	40.86 2.38 -0.07	38.57 1.81 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.42 2.50 -3.67	37.73 2.48 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
NYPA__HOLTSVILL 23794	41.21 2.73 -0.07	38.83 2.07 -4.91	36.97 1.47 -8.76	36.37 1.58 -5.45	37.81 1.69 -3.66	40.90 2.09 0.00	45.69 2.79 0.00	47.85 3.26 -4.85	45.09 3.21 -3.19	40.50 3.00 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.67 2.79 -7.62	44.94 2.90 -9.06	53.98 3.03 -15.32	68.85 3.05 -28.60	72.12 3.02 -31.82	70.05 3.08 -29.88	63.67 3.08 -24.84	62.62 2.74 -25.67	59.08 2.56 -24.18	49.71 2.25 -20.02	44.15 2.57 -9.51
NYPA__HELLGATE_GT1 24158	40.86 2.38 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.31 1.52 -5.45	37.78 1.65 -3.66	40.59 1.79 0.00	44.78 1.89 0.01	46.76 2.18 -4.83	44.39 2.51 -3.18	40.04 2.55 0.01	37.61 2.49 0.01	39.35 2.43 -3.66	37.62 2.38 -2.22	42.29 2.29 -6.74	42.41 2.31 -7.13	48.41 2.49 -10.29	57.75 2.38 -18.17	64.79 2.27 -25.24	59.62 2.34 -20.18	53.89 2.40 -15.74	49.47 2.12 -13.14	46.51 1.94 -12.21	42.43 1.62 -13.37	41.65 1.89 -7.69
NYPA__HELLGATE_GT2 24159	40.86 2.38 -0.07	38.54 1.78 -4.91	37.03 1.52 -8.76	36.31 1.52 -5.45	37.78 1.65 -3.66	40.59 1.79 0.00	44.78 1.89 0.01	46.76 2.18 -4.83	44.39 2.51 -3.18	40.04 2.55 0.01	37.61 2.49 0.01	39.35 2.43 -3.66	37.62 2.38 -2.22	42.29 2.29 -6.74	42.41 2.31 -7.13	48.41 2.49 -10.29	57.75 2.38 -18.17	64.79 2.27 -25.24	59.62 2.34 -20.18	53.89 2.40 -15.74	49.47 2.12 -13.14	46.51 1.94 -12.21	42.43 1.62 -13.37	41.65 1.89 -7.69
NYS_BARGE__HYD 23848	35.19 -3.23 -0.01	29.67 -2.83 -0.66	25.64 -2.27 -1.17	27.60 -2.46 -0.73	30.09 -2.86 -0.49	35.70 -3.11 0.00	39.08 -3.82 0.00	36.19 -4.09 -0.54	35.26 -3.79 -0.36	34.54 -2.96 0.00	32.21 -2.92 0.00	30.23 -3.03 0.00	29.88 -3.17 -0.03	30.18 -3.29 -0.22	30.19 -3.50 -0.71	32.42 -3.74 -0.53	34.59 -3.53 -0.93	36.35 -3.73 -2.80	35.89 -3.45 -2.24	34.22 -3.29 -1.75	32.09 -3.59 -1.46	29.78 -3.20 -0.63	26.21 -2.72 -1.49	30.13 -2.79 -0.86

OAK ORCHARD___HYD 24046	36.38 -2.04 -0.01	30.90 -1.50 -0.55	26.49 -1.23 -0.98	28.65 -1.29 -0.61	31.37 -1.49 -0.41	36.95 -1.86 0.00	40.62 -2.27 0.00	38.14 -2.15 -0.55	37.12 -1.93 -0.36	35.74 -1.76 0.00	33.44 -1.69 0.00	31.53 -1.73 0.00	31.29 -1.75 -0.02	31.74 -1.73 -0.22	31.92 -1.78 -0.73	34.27 -1.92 -0.56	36.51 -1.67 -0.98	38.32 -1.83 -2.86	37.72 -1.67 -2.29	36.04 -1.50 -1.79	33.96 -1.74 -1.49	31.43 -1.58 -0.66	27.61 -1.34 -1.52	31.66 -1.28 -0.87
OAKDALE___35_KV_LOAD 356122	38.32 -0.12 -0.02	33.03 -0.32 -1.50	29.18 -0.24 -2.68	30.73 -0.26 -1.67	33.25 -0.32 -1.12	38.73 -0.08 0.00	42.81 -0.09 0.00	41.00 -0.20 -1.46	39.54 -0.12 -0.96	37.65 0.15 0.00	35.20 0.07 0.00	32.75 0.00 0.51	32.74 -0.07 0.22	33.06 -0.10 0.10	34.66 -0.13 -1.82	38.67 -0.11 -3.15	42.68 -0.07 -5.55	44.91 0.04 -7.59	43.20 0.04 -6.07	40.49 0.00 -4.73	38.13 -0.03 -3.95	36.02 -0.06 -3.73	31.38 -0.08 -4.02	34.25 -0.13 -2.31
OCC_CHEM___DRP 24175	34.65 -3.76 -0.01	29.47 -3.06 -0.67	25.48 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.82 -4.22 -0.34	33.98 -3.53 0.00	31.54 -3.58 0.00	29.77 -3.49 0.00	29.48 -3.57 -0.03	29.78 -3.69 -0.21	29.73 -3.92 -0.68	31.92 -4.24 -0.53	34.11 -4.02 -0.93	35.56 -4.40 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
OH_GEN_PROXY 24063	27.69 -3.38 7.34	25.79 -2.90 3.16	25.64 -2.30 -1.20	25.74 -2.55 1.04	25.83 -2.95 3.67	27.62 -3.34 7.85	30.87 -4.08 7.95	36.01 -4.25 -0.52	35.14 -3.91 -0.35	34.39 -3.11 0.00	32.07 -3.06 0.00	30.10 -3.16 0.00	29.78 -3.27 -0.03	30.08 -3.39 -0.21	30.10 -3.56 -0.69	32.30 -3.88 -0.55	34.51 -3.64 -0.96	36.02 -3.95 -2.69	35.62 -3.63 -2.16	33.97 -3.47 -1.68	31.89 -3.73 -1.41	29.67 -3.33 -0.65	26.10 -2.77 -1.43	25.72 -2.85 3.49
OLIN_CORP_DRP 24177	34.62 -3.80 -0.01	29.34 -3.19 -0.68	25.42 -2.54 -1.21	27.30 -2.79 -0.75	29.72 -3.25 -0.51	35.16 -3.65 0.00	38.44 -4.46 0.00	35.59 -4.69 -0.54	34.72 -4.33 -0.36	33.98 -3.53 0.00	31.54 -3.58 0.00	29.73 -3.53 0.00	29.42 -3.63 -0.03	29.72 -3.76 -0.22	29.69 -3.99 -0.71	31.89 -4.28 -0.53	34.07 -4.05 -0.92	35.66 -4.40 -2.78	35.24 -4.08 -2.23	33.60 -3.90 -1.74	31.49 -4.17 -1.45	29.32 -3.66 -0.63	25.84 -3.07 -1.48	29.71 -3.21 -0.85
OLIN_CORP_DSASP 323712	34.73 -3.69 -0.01	29.47 -3.06 -0.67	25.49 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.78 -4.26 -0.34	33.97 -3.53 0.00	31.72 -3.41 0.00	29.77 -3.49 0.00	29.45 -3.60 -0.03	29.77 -3.92 -0.21	29.73 -3.92 -0.68	31.96 -4.20 -0.53	34.15 -3.98 -0.93	35.60 -4.36 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
ONEIDA_HERK_LFGE 323681	38.87 0.46 0.00	32.44 0.45 -0.15	27.27 0.27 -0.26	29.79 0.29 -0.16	32.96 0.39 -0.11	39.43 0.62 0.00	43.67 0.77 0.00	40.76 0.87 -0.14	39.37 0.58 -0.09	37.80 0.30 0.00	35.23 0.11 0.00	33.26 0.00 0.00	33.13 0.10 -0.01	33.45 0.13 -0.06	33.39 0.23 -0.19	36.36 0.43 -0.30	38.30 0.56 -0.54	38.70 0.67 -0.75	38.25 0.56 -0.60	36.62 0.39 -0.47	35.12 0.51 -0.39	32.94 0.23 -0.36	27.95 0.11 -0.40	32.42 0.13 -0.23
ONEIDA___115KV_TB4 55905	39.18 0.77 0.00	32.72 0.61 -0.27	27.68 0.45 -0.48	30.16 0.53 -0.30	33.24 0.58 -0.20	39.70 0.89 0.00	43.97 1.07 0.00	41.04 1.03 -0.26	39.76 0.89 -0.17	38.29 0.79 0.00	35.76 0.63 0.00	33.79 0.53 0.00	33.63 0.59 -0.01	34.00 0.63 -0.10	33.98 0.66 -0.35	37.04 0.86 -0.56	39.19 1.00 -0.99	39.73 1.08 -1.37	39.20 1.00 -1.10	37.47 0.86 -0.86	35.82 0.89 -0.72	33.73 0.71 -0.66	28.69 0.52 -0.73	33.10 0.61 -0.42
ONONDAGA_REF_OCCRA 23987	37.96 -0.46 -0.01	31.91 -0.45 -0.50	27.30 -0.35 -0.90	29.51 -0.38 -0.56	32.38 -0.45 -0.38	38.34 -0.47 0.00	42.43 -0.47 0.00	39.68 -0.56 -0.50	38.48 -0.54 -0.33	37.05 -0.45 0.00	34.71 -0.42 0.00	32.86 -0.40 0.00	32.61 -0.43 -0.02	33.06 -0.40 -0.20	33.23 -0.40 -0.66	36.51 -0.43 -1.31	39.14 -0.37 -2.31	39.54 -0.34 -2.60	38.87 -0.30 -2.08	37.05 -0.32 -1.62	35.26 -0.31 -1.35	33.68 -0.23 -1.55	28.62 -0.19 -1.37	32.60 -0.26 -0.79
ONONDAGA___COGEN 23986	37.99 -0.42 -0.01	31.90 -0.41 -0.47	27.25 -0.32 -0.83	29.50 -0.35 -0.52	32.42 -0.39 -0.35	38.38 -0.43 0.00	42.47 -0.43 0.00	39.68 -0.52 -0.46	38.46 -0.54 -0.30	37.05 -0.45 0.00	34.74 -0.39 0.00	32.89 -0.37 0.00	32.65 -0.40 -0.02	33.07 -0.37 -0.18	33.22 -0.36 -0.61	36.21 -0.39 -0.98	38.59 -0.33 -1.72	39.38 -0.30 -2.40	38.71 -0.30 -1.92	36.96 -0.29 -1.49	35.19 -0.27 -1.25	33.32 -0.19 -1.16	28.55 -0.16 -1.27	32.61 -0.19 -0.73
ONTARIO___LFGE 23819	37.65 -0.77 -0.01	31.65 -0.86 -0.66	27.25 -0.67 -1.17	29.39 -0.67 -0.73	32.17 -0.78 -0.49	38.19 -0.62 0.00	42.30 -0.60 0.00	39.75 -0.64 -0.64	38.54 -0.58 -0.42	37.16 -0.34 0.00	34.67 -0.46 0.00	32.66 -0.60 0.00	32.39 -0.66 -0.03	32.78 -0.73 -0.25	33.07 -0.76 -0.85	35.07 -0.75 -0.19	36.95 -0.56 -0.31	40.26 -0.37 -3.36	39.52 -0.26 -2.69	37.53 -0.32 -2.09	35.49 -0.48 -1.75	32.02 -0.55 -0.22	28.73 -0.49 -1.78	32.55 -0.55 -1.02
ORANGEVILLE_WT_PWR 323706	36.00 -2.42 -0.01	30.19 -2.48 -0.82	26.26 -1.95 -1.47	28.11 -2.14 -0.91	30.60 -2.47 -0.61	36.52 -2.29 0.00	40.11 -2.79 0.00	37.31 -3.14 -0.71	36.22 -2.94 -0.47	35.47 -2.03 0.00	32.95 -2.18 0.00	30.83 -2.43 0.00	30.41 -2.64 -0.03	30.65 -2.89 -0.28	30.84 -3.07 -0.94	32.70 -3.28 -0.35	34.60 -3.20 -0.60	37.90 -3.06 -3.67	37.21 -2.82 -2.94	35.30 -2.75 -2.29	33.15 -2.98 -1.91	29.92 -2.85 -0.41	27.00 -2.39 -1.95	30.53 -2.66 -1.12
ORANGEVILLE___ESR 323794	36.00 -2.42 -0.01	30.19 -2.48 -0.82	26.26 -1.95 -1.47	28.11 -2.14 -0.91	30.60 -2.47 -0.61	36.52 -2.29 0.00	40.11 -2.79 0.00	37.31 -3.14 -0.71	36.22 -2.94 -0.47	35.47 -2.03 0.00	32.95 -2.18 0.00	30.83 -2.43 0.00	30.41 -2.64 -0.03	30.65 -2.89 -0.28	30.84 -3.07 -0.94	32.70 -3.28 -0.35	34.60 -3.20 -0.60	37.90 -3.06 -3.67	37.21 -2.82 -2.94	35.30 -2.75 -2.29	33.15 -2.98 -1.91	29.92 -2.85 -0.41	27.00 -2.39 -1.95	30.53 -2.66 -1.12
OSWEGATCHIE___HYD 24044	37.45 -0.96 0.00	31.58 -0.41 -0.14	26.39 -0.61 -0.26	28.91 -0.59 -0.16	32.21 -0.36 -0.11	38.30 -0.51 0.00	42.77 -0.13 0.00	40.32 0.44 -0.14	38.44 -0.35 -0.09	36.34 -1.16 0.00	33.65 -1.47 0.00	31.70 -1.56 0.00	31.64 -1.39 -0.01	31.89 -1.43 -0.06	31.94 -1.22 -0.19	34.97 -0.96 -0.30	36.62 -1.11 -0.53	37.01 -1.00 -0.74	36.39 -1.30 -0.59	34.68 -1.54 -0.46	33.40 -1.20 -0.39	31.03 -1.68 -0.36	26.35 -1.48 -0.39	30.75 -1.54 -0.23
OSWEGO___5 23606	37.38 -1.04 0.00	31.32 -0.86 -0.33	26.63 -0.70 -0.58	28.93 -0.76 -0.36	31.86 -0.84 -0.24	37.80 -1.01 0.00	41.78 -1.12 0.00	38.87 -1.19 -0.32	37.71 -1.20 -0.21	36.38 -1.12 0.00	34.11 -1.02 0.00	32.29 -0.97 0.00	32.08 -0.96 -0.01	32.42 -0.97 -0.13	32.44 -0.96 -0.43	35.25 -1.07 -0.69	37.33 -1.08 -1.21	37.88 -1.08 -1.69	37.41 -1.04 -1.35	35.81 -1.00 -1.05	34.14 -0.96 -0.88	32.39 -0.78 -0.82	27.68 -0.66 -0.89	31.81 -0.77 -0.51

OSWEGO___6 23613	37.38 -1.04 0.00	31.32 -0.86 -0.33	26.63 -0.70 -0.58	28.93 -0.76 -0.36	31.86 -0.84 -0.24	37.80 -1.01 0.00	41.78 -1.12 0.00	38.87 -1.19 -0.32	37.71 -1.20 -0.21	36.38 -1.12 0.00	34.11 -1.02 0.00	32.29 -0.97 0.00	32.08 -0.96 -0.01	32.42 -0.97 -0.13	32.44 -0.96 -0.43	35.25 -1.07 -0.69	37.33 -1.08 -1.21	37.88 -1.08 -1.69	37.41 -1.04 -1.35	35.81 -1.00 -1.05	34.14 -0.96 -0.88	32.39 -0.78 -0.82	27.68 -0.66 -0.89	31.81 -0.77 -0.51
OUTOKUMPU-AB___DRP 24206	35.50 -2.92 -0.01	29.92 -2.61 -0.68	25.88 -2.09 -1.22	27.83 -2.26 -0.76	30.31 -2.66 -0.51	36.01 -2.79 0.00	39.47 -3.43 0.00	36.55 -3.74 -0.55	35.62 -3.44 -0.36	34.91 -2.59 0.00	32.42 -2.70 0.00	30.53 -2.73 0.00	30.18 -2.87 -0.03	30.42 -3.06 -0.22	30.43 -3.26 -0.72	32.66 -3.49 -0.53	34.80 -3.31 -0.92	36.68 -3.43 -2.83	36.17 -3.19 -2.26	34.48 -3.04 -1.77	32.34 -3.35 -1.48	30.00 -2.98 -0.62	26.45 -2.50 -1.50	30.34 -2.60 -0.87
OXBOW___BTM 323836	35.23 -3.19 -0.01	29.73 -2.80 -0.68	25.71 -2.25 -1.21	27.65 -2.43 -0.75	30.11 -2.86 -0.51	35.67 -3.14 0.00	39.04 -3.86 0.00	36.14 -4.13 -0.53	35.26 -3.79 -0.35	34.54 -2.96 0.00	32.21 -2.92 0.00	30.20 -3.06 0.00	29.88 -3.17 -0.03	30.18 -3.29 -0.21	30.15 -3.53 -0.70	32.35 -3.81 -0.53	34.55 -3.57 -0.92	36.20 -3.84 -2.75	35.77 -3.52 -2.20	34.08 -3.40 -1.72	31.96 -3.70 -1.44	29.74 -3.23 -0.63	26.19 -2.72 -1.46	30.12 -2.79 -0.84
OXBOW____ 24026	35.15 -3.26 -0.01	29.73 -2.80 -0.68	25.71 -2.25 -1.21	27.65 -2.43 -0.75	30.11 -2.86 -0.51	35.67 -3.14 0.00	39.04 -3.86 0.00	36.18 -4.09 -0.53	35.30 -3.75 -0.35	34.50 -3.00 0.00	32.04 -3.09 0.00	30.20 -3.06 0.00	29.88 -3.17 -0.03	30.18 -3.29 -0.21	30.15 -3.53 -0.70	32.35 -3.81 -0.53	34.51 -3.61 -0.92	36.19 -3.84 -2.75	35.78 -3.52 -2.20	34.08 -3.40 -1.72	31.96 -3.70 -1.44	29.74 -3.24 -0.63	26.19 -2.72 -1.46	30.12 -2.79 -0.84
OXY_CHEM_DSASP 323612	34.65 -3.76 -0.01	29.47 -3.06 -0.67	25.48 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.82 -4.22 -0.34	33.98 -3.53 0.00	31.54 -3.58 0.00	29.77 -3.49 0.00	29.48 -3.57 -0.03	29.78 -3.69 -0.21	29.73 -3.92 -0.68	31.92 -4.24 -0.53	34.11 -4.02 -0.93	35.56 -4.40 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
OZONE_PARK_ESR 323760	40.98 2.50 -0.07	38.70 1.94 -4.91	37.11 1.60 -8.76	36.46 1.67 -5.45	37.97 1.85 -3.66	40.98 2.17 0.00	45.34 2.45 0.00	47.28 2.70 -4.84	44.82 2.94 -3.19	40.46 2.96 0.00	38.01 2.88 0.00	39.69 2.76 -3.67	37.96 2.71 -2.23	42.67 2.66 -6.75	42.78 2.67 -7.14	48.81 2.89 -10.30	58.24 2.86 -18.18	65.32 2.80 -25.25	60.11 2.82 -20.19	54.36 2.86 -15.74	49.89 2.53 -13.14	46.93 2.36 -12.22	42.79 1.98 -13.38	41.97 2.21 -7.69
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	34.65 -3.76 -0.01	29.47 -3.06 -0.67	25.48 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.82 -4.22 -0.34	33.98 -3.53 0.00	31.54 -3.58 0.00	29.77 -3.49 0.00	29.48 -3.57 -0.03	29.78 -3.69 -0.21	29.73 -3.92 -0.68	31.92 -4.24 -0.53	34.11 -4.02 -0.93	35.56 -4.40 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
PACKARD__115KV_DUPONT_184 80571	34.65 -3.76 -0.01	29.47 -3.06 -0.67	25.48 -2.46 -1.20	27.38 -2.70 -0.75	29.84 -3.12 -0.50	35.16 -3.65 0.00	38.44 -4.46 0.00	35.65 -4.61 -0.52	34.82 -4.22 -0.34	33.98 -3.53 0.00	31.54 -3.58 0.00	29.77 -3.49 0.00	29.48 -3.57 -0.03	29.78 -3.69 -0.21	29.73 -3.92 -0.68	31.92 -4.24 -0.53	34.11 -4.02 -0.93	35.56 -4.40 -2.68	35.20 -4.04 -2.14	33.57 -3.86 -1.67	31.47 -4.14 -1.40	29.36 -3.62 -0.63	25.84 -3.02 -1.42	29.81 -3.08 -0.82
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.86 2.38 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.78 1.66 -3.66	40.59 1.79 0.00	44.83 1.93 0.00	46.76 2.19 -4.84	44.36 2.48 -3.19	39.98 2.48 0.00	37.55 2.42 0.00	39.26 2.33 -3.67	37.56 2.31 -2.23	42.27 2.26 -6.74	42.35 2.24 -7.14	48.39 2.46 -10.30	57.72 2.34 -18.18	64.76 2.24 -25.25	59.59 2.30 -20.19	53.86 2.36 -15.74	49.41 2.05 -13.14	46.51 1.94 -12.22	42.46 1.65 -13.38	41.65 1.89 -7.69
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.09 2.61 -0.07	38.73 1.97 -4.91	37.16 1.66 -8.76	36.48 1.70 -5.45	37.97 1.85 -3.66	40.83 2.02 0.00	45.09 2.19 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.57 2.64 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.81 2.05 -7.69
PATROON__115KV_TB1 80586	39.84 1.34 -0.08	38.84 1.11 -5.87	38.17 0.94 -10.49	36.95 1.09 -6.53	38.01 1.17 -4.39	40.21 1.40 0.00	44.10 1.20 0.00	46.73 1.19 -5.80	43.64 1.12 -3.82	38.66 1.16 0.00	36.29 1.16 0.00	35.62 1.16 -1.20	35.12 1.19 -0.91	38.26 1.13 -3.87	41.94 1.06 -7.91	48.85 0.89 -12.33	59.90 0.93 -21.77	68.46 0.93 -30.25	62.22 0.93 -24.19	55.48 0.86 -18.86	50.79 0.82 -15.75	47.67 0.68 -14.64	44.07 0.60 -16.03	41.96 0.67 -9.21
PATTRSNVILLE__SOLAR 323815	39.80 1.31 -0.09	39.13 1.11 -6.16	38.62 0.88 -11.00	37.18 1.00 -6.85	38.16 1.10 -4.60	40.20 1.40 0.00	44.44 1.54 0.00	47.37 1.55 -6.08	44.09 1.39 -4.00	38.62 1.12 0.00	36.04 0.91 0.00	35.12 0.86 -1.00	34.69 0.86 -0.81	37.91 0.93 -3.72	42.18 0.96 -8.25	49.84 1.28 -12.93	61.52 1.49 -22.83	70.54 1.53 -31.73	64.03 1.56 -25.37	57.01 1.47 -19.79	52.10 1.37 -16.52	48.93 1.23 -15.35	45.27 1.02 -16.81	42.88 1.15 -9.66
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.19 -2.23 -0.01	29.38 -3.22 -0.74	25.47 -2.59 -1.32	27.31 -2.85 -0.82	29.73 -3.28 -0.55	36.75 -2.06 0.00	40.32 -2.57 0.00	36.81 -3.54 -0.61	35.73 -3.37 -0.40	35.81 -1.69 0.00	33.23 -1.90 0.00	31.23 -2.03 0.00	30.61 -2.44 -0.03	30.44 -3.06 -0.24	30.67 -3.10 -0.80	32.92 -3.24 -0.53	34.66 -3.46 -0.92	37.40 -3.02 -3.14	36.60 -3.00 -2.51	34.78 -2.93 -1.96	32.91 -2.94 -1.64	30.06 -2.91 -0.63	26.53 -2.58 -1.66	29.95 -3.08 -0.96
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	40.75 2.27 -0.07	38.55 1.75 -4.95	37.07 1.50 -8.83	36.38 1.55 -5.50	37.94 1.79 -3.69	40.90 2.10 0.00	45.30 2.40 0.00	47.12 2.50 -4.88	44.70 2.79 -3.21	40.20 2.70 0.00	37.59 2.46 0.00	38.79 2.26 -3.27	37.28 2.25 -2.01	41.79 2.29 -6.24	42.43 2.34 -7.12	48.62 2.60 -10.39	58.21 2.68 -18.33	65.39 2.65 -25.46	60.09 2.63 -20.36	54.21 2.57 -15.88	49.94 2.46 -13.26	46.91 2.23 -12.33	42.71 1.78 -13.49	41.84 2.02 -7.76
PEEKSKILL____ 23653	40.40 1.92 -0.07	38.21 1.50 -4.86	36.69 1.26 -8.68	36.03 1.29 -5.41	37.55 1.46 -3.63	40.48 1.67 0.00	44.83 1.93 0.00	46.68 2.14 -4.80	44.26 2.40 -3.16	39.86 2.36 0.00	37.38 2.25 0.00	39.35 2.13 -3.97	37.53 2.12 -2.39	42.48 2.10 -7.12	42.23 2.11 -7.15	48.13 2.28 -10.21	57.53 2.31 -18.03	64.59 2.27 -25.04	59.42 2.30 -20.02	53.62 2.25 -15.61	49.30 2.05 -13.03	46.35 1.88 -12.12	42.27 1.56 -13.27	41.42 1.73 -7.63

PGE MADISON___WINDPWR 24146	40.85 2.42 -0.02	35.04 1.75 -1.44	30.65 1.34 -2.57	32.40 1.47 -1.60	35.12 1.59 -1.07	41.33 2.52 0.00	45.77 2.87 0.00	43.92 2.78 -1.40	42.29 2.67 -0.92	40.09 2.59 0.00	37.34 2.21 0.00	34.67 1.89 0.48	34.90 2.08 0.21	35.34 2.16 0.08	37.00 2.27 -1.76	43.04 2.92 -4.48	48.56 3.42 -7.94	48.21 3.62 -7.32	46.29 3.34 -5.85	43.32 3.00 -4.56	41.07 3.04 -3.81	40.14 2.46 -5.33	33.21 1.89 -3.88	36.38 2.08 -2.23
PIERCEFIELD___HYD 23852	37.37 -1.04 0.00	31.57 -0.38 -0.10	26.26 -0.67 -0.18	28.83 -0.62 -0.11	32.31 -0.23 -0.08	38.27 -0.54 0.00	42.90 0.00 0.00	40.64 0.79 -0.10	38.53 -0.23 -0.07	36.23 -1.28 0.00	33.51 -1.62 0.00	31.60 -1.66 0.00	31.54 -1.49 0.00	31.77 -1.53 -0.04	31.79 -1.32 -0.13	34.77 -1.07 -0.21	36.13 -1.45 -0.38	36.35 -1.45 -0.52	35.55 -1.97 -0.42	33.83 -2.25 -0.33	32.64 -1.85 -0.27	30.15 -2.46 -0.25	25.69 -2.03 -0.28	30.27 -1.96 -0.16
PINELAWN_CC_1 323563	41.21 2.73 -0.07	38.83 2.07 -4.91	37.03 1.52 -8.76	36.40 1.61 -5.45	37.84 1.72 -3.66	40.94 2.13 0.00	45.69 2.79 0.00	47.81 3.22 -4.85	45.06 3.17 -3.19	40.54 3.04 0.00	38.19 3.05 -0.01	39.79 2.86 -3.67	38.06 2.81 -2.23	43.76 2.79 -7.71	45.10 2.87 -9.27	54.54 3.06 -15.85	69.94 3.05 -29.69	72.80 3.02 -32.51	71.03 3.04 -30.89	64.62 3.08 -25.79	63.96 2.77 -26.97	60.33 2.56 -25.42	50.37 2.22 -20.71	44.30 2.53 -9.70
PJM_GEN_HTP_PROXY 323702	40.67 2.19 -0.07	38.48 1.72 -4.91	36.92 1.42 -8.76	36.25 1.47 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.39 2.46 -3.68	37.66 2.41 -2.23	42.41 2.40 -6.75	42.49 2.38 -7.14	48.49 2.57 -10.30	57.94 2.56 -18.18	65.02 2.50 -25.24	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.37	41.68 1.92 -7.69
PJM_GEN_KEystone 24065	35.08 -0.42 2.91	33.18 -0.73 -2.06	31.51 -0.53 -5.30	31.80 -0.65 -3.11	32.49 -0.78 -0.81	34.92 -0.54 3.35	39.70 -0.64 2.56	41.03 -0.71 -2.00	40.17 -0.42 -1.90	37.61 0.11 0.00	35.20 0.07 0.00	35.52 -0.07 -2.33	34.20 -0.23 -1.41	37.10 -0.37 -4.21	36.82 -0.43 -4.28	40.85 -0.50 -5.72	46.77 -0.52 -10.09	51.85 -0.45 -15.02	48.77 -0.33 -12.01	44.80 -0.32 -9.37	41.56 -0.48 -7.82	38.62 -0.52 -6.79	34.96 -0.44 -7.96	36.10 -0.55 -4.58
PJM_GEN_NEPTUNE_PROXY 323594	40.78 2.30 -0.07	38.48 1.72 -4.91	36.76 1.26 -8.76	36.13 1.35 -5.45	37.55 1.43 -3.66	40.56 1.75 0.00	45.17 2.27 0.00	47.25 2.66 -4.85	44.63 2.75 -3.19	40.12 2.62 0.00	37.77 2.64 -0.01	39.43 2.50 -3.67	37.70 2.44 -2.23	43.24 2.43 -7.56	44.38 2.47 -8.93	53.25 2.64 -14.98	67.69 2.60 -27.89	71.19 2.54 -31.37	68.87 2.56 -29.22	62.58 2.61 -24.22	61.36 2.33 -24.81	57.85 2.13 -23.36	48.87 1.87 -19.56	43.57 2.12 -9.39
PJM_GEN_VFT_PROXY 323633	40.63 2.15 -0.07	38.41 1.66 -4.91	36.86 1.36 -8.76	36.19 1.41 -5.45	37.68 1.56 -3.66	40.59 1.79 0.00	44.96 2.06 0.00	46.88 2.30 -4.84	44.48 2.59 -3.19	40.12 2.62 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.75	42.49 2.38 -7.14	48.46 2.53 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.97 2.47 -15.74	49.55 2.19 -13.14	46.61 2.04 -12.22	42.52 1.70 -13.38	41.65 1.89 -7.69
PLATSBURG_115KV_PMLD1 355749	37.18 -1.23 0.00	31.34 -0.51 0.00	26.00 -0.75 0.00	28.63 -0.70 0.00	32.30 -0.16 0.00	38.34 -0.47 0.00	43.07 0.17 0.00	40.77 1.03 0.00	38.77 0.08 0.00	36.53 -0.98 0.00	33.79 -1.33 0.00	31.86 -1.40 0.00	31.77 -1.25 0.00	31.93 -1.33 0.00	31.88 -1.09 0.00	34.77 -0.86 0.00	35.82 -1.38 0.00	35.75 -1.53 0.00	34.94 -2.15 0.00	33.22 -2.54 0.00	31.99 -2.22 0.00	29.54 -2.81 0.00	25.16 -2.28 0.00	29.86 -2.21 0.00
PLEASANTVLY___LBMP 24000	40.25 1.77 -0.07	38.33 1.40 -5.07	36.98 1.18 -9.06	36.20 1.23 -5.64	37.61 1.36 -3.79	40.40 1.59 0.00	44.70 1.80 0.00	46.69 1.95 -5.00	44.12 2.13 -3.30	39.60 2.10 0.00	37.09 1.97 0.00	37.91 1.90 -2.76	36.60 1.85 -1.73	40.73 1.86 -5.61	41.99 1.85 -7.18	48.31 2.03 -10.65	58.04 2.05 -18.80	65.44 2.05 -26.11	60.02 2.04 -20.88	54.04 2.00 -16.28	49.66 1.85 -13.59	46.64 1.65 -12.64	42.67 1.40 -13.83	41.59 1.57 -7.95
PLSNTVLE_13_KV_13.8KVDIST 80602	40.55 2.07 -0.07	38.41 1.62 -4.93	36.92 1.36 -8.81	36.22 1.41 -5.48	37.70 1.56 -3.69	40.63 1.82 0.00	45.00 2.10 0.00	46.91 2.30 -4.87	44.42 2.52 -3.21	39.98 2.48 0.00	37.48 2.35 0.00	38.94 2.26 -3.42	37.33 2.21 -2.09	41.89 2.20 -6.43	42.31 2.21 -7.13	48.41 2.42 -10.36	57.90 2.42 -18.29	65.06 2.39 -25.40	59.82 2.41 -20.31	53.99 2.40 -15.84	49.63 2.19 -13.22	46.62 1.97 -12.29	42.54 1.65 -13.46	41.63 1.83 -7.74
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.55 2.07 -0.07	38.41 1.62 -4.93	36.92 1.36 -8.81	36.22 1.41 -5.48	37.70 1.56 -3.69	40.63 1.82 0.00	45.00 2.10 0.00	46.91 2.30 -4.87	44.42 2.52 -3.21	39.98 2.48 0.00	37.48 2.35 0.00	38.94 2.26 -3.42	37.33 2.21 -2.09	41.89 2.20 -6.43	42.31 2.21 -7.13	48.41 2.42 -10.36	57.90 2.42 -18.29	65.06 2.39 -25.40	59.82 2.41 -20.31	53.99 2.40 -15.84	49.63 2.19 -13.22	46.62 1.97 -12.29	42.54 1.65 -13.46	41.63 1.83 -7.74
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.44 1.96 -0.07	38.37 1.53 -4.99	36.97 1.31 -8.91	36.23 1.35 -5.55	37.71 1.53 -3.73	40.59 1.79 0.00	44.96 2.06 0.00	46.77 2.11 -4.92	44.26 2.32 -3.24	39.71 2.21 0.00	37.13 2.00 0.00	38.23 1.93 -3.04	36.82 1.92 -1.88	41.14 1.93 -5.95	42.08 1.98 -7.13	48.32 2.21 -10.48	57.97 2.27 -18.50	65.25 2.27 -25.69	59.94 2.30 -20.55	54.03 2.25 -16.02	49.68 2.09 -13.38	46.63 1.84 -12.44	42.59 1.54 -13.61	41.66 1.76 -7.83
POLETTI___ 23519	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.75	42.52 2.41 -7.14	48.49 2.57 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.73 2.45 -20.19	53.97 2.47 -15.74	49.55 2.19 -13.14	46.64 2.07 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
POMONA___ESR 323819	40.36 1.88 -0.07	38.05 1.43 -4.76	36.48 1.23 -8.50	35.89 1.26 -5.29	37.41 1.39 -3.56	40.44 1.63 0.00	44.78 1.89 0.00	46.50 2.07 -4.70	44.11 2.32 -3.09	39.83 2.33 0.00	37.31 2.18 0.00	40.20 2.10 -4.85	37.97 2.08 -2.87	43.60 2.10 -8.24	42.24 2.08 -7.19	47.87 2.25 -10.00	57.12 2.27 -17.65	64.03 2.24 -24.51	58.96 2.26 -19.60	53.30 2.25 -15.29	49.03 2.05 -12.76	46.03 1.81 -11.87	41.96 1.54 -12.99	41.23 1.70 -7.47
PORT_JEFF_3 23555	41.40 2.92 -0.07	38.95 2.20 -4.91	37.08 1.58 -8.76	36.49 1.70 -5.45	37.91 1.78 -3.66	41.06 2.25 0.00	45.86 2.96 0.00	48.01 3.42 -4.85	45.25 3.36 -3.19	40.65 3.15 0.00	38.33 3.20 -0.01	39.96 3.03 -3.67	38.19 2.94 -2.23	43.81 2.93 -7.62	45.07 3.03 -9.07	54.13 3.17 -15.33	69.05 3.23 -28.62	72.35 3.24 -31.83	70.26 3.27 -29.90	63.87 3.25 -24.86	62.85 2.94 -25.69	59.27 2.72 -24.20	49.86 2.39 -20.03	44.31 2.72 -9.52

PORT_JEFF_4 23616	41.40 2.92 -0.07	38.95 2.20 -4.91	37.08 1.58 -8.76	36.49 1.70 -5.45	37.91 1.78 -3.66	41.06 2.25 0.00	45.86 2.96 0.00	48.01 3.42 -4.85	45.25 3.36 -3.19	40.65 3.15 0.00	38.33 3.20 -0.01	39.96 3.03 -3.67	38.19 2.94 -2.23	43.81 2.93 -7.62	45.07 3.03 -9.07	54.13 3.17 -15.33	69.05 3.23 -28.62	72.35 3.24 -31.83	70.26 3.27 -29.90	63.87 3.25 -24.86	62.85 2.94 -25.69	59.27 2.72 -24.20	49.86 2.39 -20.03	44.31 2.72 -9.52
PORT_JEFF_IC 23713	41.44 2.96 -0.07	38.99 2.23 -4.91	37.08 1.58 -8.76	36.52 1.73 -5.45	37.97 1.85 -3.66	41.10 2.29 0.00	45.90 3.00 0.00	48.05 3.46 -4.85	45.29 3.41 -3.19	40.65 3.15 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.26 3.01 -2.23	43.88 2.99 -7.62	45.15 3.10 -9.07	54.22 3.24 -15.35	69.16 3.31 -28.65	72.42 3.28 -31.86	70.37 3.34 -29.93	63.97 3.33 -24.89	62.96 3.01 -25.73	59.37 2.78 -24.24	49.91 2.41 -20.05	44.38 2.79 -9.52
PPL_PILGRIM_ST_GT1 24216	41.40 2.92 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.06 2.25 0.00	45.86 2.96 0.00	48.01 3.42 -4.85	45.25 3.36 -3.19	40.65 3.15 0.00	38.37 3.23 -0.01	39.96 3.03 -3.67	38.19 2.94 -2.23	43.82 2.93 -7.63	45.14 3.07 -9.10	54.32 3.28 -15.41	69.26 3.27 -28.79	72.46 3.24 -31.94	70.42 3.27 -30.06	64.05 3.29 -25.01	63.05 2.94 -25.90	59.49 2.75 -24.39	49.94 2.36 -20.14	44.31 2.69 -9.55
PPL_PILGRIM_ST_GT2 24217	41.40 2.92 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.06 2.25 0.00	45.86 2.96 0.00	48.01 3.42 -4.85	45.25 3.36 -3.19	40.65 3.15 0.00	38.37 3.23 -0.01	39.96 3.03 -3.67	38.19 2.94 -2.23	43.82 2.93 -7.63	45.14 3.07 -9.10	54.32 3.28 -15.41	69.26 3.27 -28.79	72.46 3.24 -31.94	70.42 3.27 -30.06	64.05 3.29 -25.01	63.05 2.94 -25.90	59.49 2.75 -24.39	49.94 2.36 -20.14	44.31 2.69 -9.55
PPL_SHRM_GT3 24213	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.94 3.05 0.00	48.12 3.54 -4.85	45.33 3.44 -3.19	40.73 3.23 0.00	38.40 3.27 -0.01	40.02 3.09 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.11 3.07 -9.07	54.00 3.03 -15.34	68.96 3.13 -28.63	72.29 3.17 -31.84	70.23 3.23 -29.91	63.81 3.18 -24.87	62.80 2.87 -25.71	59.22 2.65 -24.21	49.95 2.47 -20.04	44.44 2.85 -9.52
PPL_SHRM_GT4 24214	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.94 3.05 0.00	48.12 3.54 -4.85	45.33 3.44 -3.19	40.73 3.23 0.00	38.40 3.27 -0.01	40.02 3.09 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.11 3.07 -9.07	54.00 3.03 -15.34	68.96 3.13 -28.63	72.29 3.17 -31.84	70.23 3.23 -29.91	63.81 3.18 -24.87	62.80 2.87 -25.71	59.22 2.65 -24.21	49.95 2.47 -20.04	44.44 2.85 -9.52
PROJECT___ORANGE 1 24174	37.80 -0.61 -0.01	31.72 -0.54 -0.41	27.05 -0.43 -0.74	29.32 -0.47 -0.46	32.21 -0.55 -0.31	38.19 -0.62 0.00	42.26 -0.64 0.00	39.43 -0.72 -0.41	38.27 -0.70 -0.27	36.90 -0.60 0.00	34.57 -0.56 0.00	32.73 -0.53 0.00	32.51 -0.53 -0.02	32.92 -0.50 -0.16	33.02 -0.49 -0.54	35.93 -0.57 -0.87	38.21 -0.52 -1.53	38.88 -0.52 -2.12	38.31 -0.48 -1.70	36.62 -0.46 -1.32	34.84 -0.48 -1.11	33.02 -0.36 -1.03	28.26 -0.30 -1.13	32.36 -0.35 -0.65
PROJECT___ORANGE 2 24166	37.80 -0.61 -0.01	31.72 -0.54 -0.41	27.05 -0.43 -0.74	29.32 -0.47 -0.46	32.21 -0.55 -0.31	38.19 -0.62 0.00	42.26 -0.64 0.00	39.43 -0.72 -0.41	38.27 -0.70 -0.27	36.90 -0.60 0.00	34.57 -0.56 0.00	32.73 -0.53 0.00	32.51 -0.53 -0.02	32.92 -0.50 -0.16	33.02 -0.49 -0.54	35.93 -0.57 -0.87	38.21 -0.52 -1.53	38.88 -0.52 -2.12	38.31 -0.48 -1.70	36.62 -0.46 -1.32	34.84 -0.48 -1.11	33.02 -0.36 -1.03	28.26 -0.30 -1.13	32.36 -0.35 -0.65
PUCKETT___SOLAR 323809	38.97 0.54 -0.02	33.62 0.22 -1.54	29.69 0.19 -2.75	31.25 0.21 -1.71	33.81 0.20 -1.15	39.39 0.58 0.00	43.58 0.68 0.00	41.84 0.60 -1.50	40.27 0.58 -0.99	38.25 0.75 0.00	35.72 0.60 0.52	33.20 0.47 0.22	33.26 0.46 0.10	33.59 0.43 0.10	35.28 0.43 -1.88	39.65 0.61 -3.41	44.01 0.78 -6.03	46.01 0.89 -7.84	44.25 0.89 -6.27	41.43 0.79 -4.89	39.05 0.75 -4.08	36.99 0.58 -4.05	32.03 0.44 -4.15	34.90 0.45 -2.39
PYRITES___HYD 24023	37.91 -0.50 0.00	32.01 0.06 -0.10	26.60 -0.32 -0.18	29.18 -0.26 -0.11	32.73 0.19 -0.07	38.85 0.04 0.00	43.58 0.69 0.00	41.31 1.47 -0.10	39.11 0.35 -0.06	36.64 -0.86 0.00	33.86 -1.26 0.00	31.86 -1.40 0.00	31.84 -1.19 0.00	32.07 -1.23 -0.04	32.11 -0.99 -0.13	35.19 -0.64 -0.21	36.60 -0.97 -0.36	36.89 -0.89 -0.51	36.09 -1.41 -0.41	34.32 -1.75 -0.32	33.18 -1.30 -0.26	30.56 -2.04 -0.25	26.01 -1.70 -0.27	30.65 -1.57 -0.15
QUAKERRD_115KV_BK1 80622	35.88 -2.53 -0.01	30.47 -1.91 -0.53	26.11 -1.58 -0.94	28.25 -1.67 -0.59	30.94 -1.92 -0.40	36.44 -2.37 0.00	40.15 -2.75 0.00	37.73 -2.54 -0.54	36.69 -2.36 -0.35	35.25 -2.25 0.00	32.95 -2.18 0.00	31.16 -2.10 0.00	30.96 -2.08 -0.02	31.37 -2.10 -0.21	31.57 -2.11 -0.71	33.91 -2.32 -0.59	36.08 -2.16 -1.04	37.88 -2.20 -2.80	37.25 -2.08 -2.24	35.57 -1.93 -1.74	33.55 -2.12 -1.46	31.11 -1.94 -0.70	27.28 -1.65 -1.48	31.25 -1.67 -0.85
QUENSBRY_115KV_TB8 356137	40.84 2.34 -0.09	39.90 2.04 -6.01	39.07 1.60 -10.72	37.82 1.82 -6.67	39.02 2.08 -4.49	41.37 2.56 0.00	45.82 2.92 0.00	48.53 2.86 -5.93	45.15 2.55 -3.90	39.83 2.33 0.00	37.24 2.11 0.00	36.37 2.00 -1.11	35.86 1.98 -0.86	39.06 2.00 -3.80	42.99 1.95 -8.07	50.55 2.32 -12.61	62.06 2.60 -22.26	70.93 2.72 -30.93	64.54 2.71 -24.74	57.51 2.47 -19.29	52.65 2.33 -16.10	49.42 2.10 -14.96	45.61 1.78 -16.39	43.51 2.02 -9.42
RAMAPO___LBMP 323565	40.21 1.73 -0.07	37.94 1.34 -4.75	36.38 1.15 -8.49	35.79 1.17 -5.28	37.31 1.30 -3.55	40.32 1.51 0.00	44.66 1.76 0.00	46.38 1.95 -4.69	43.99 2.21 -3.09	39.71 2.21 0.00	37.24 2.11 0.00	39.94 2.00 -4.68	37.75 1.95 -2.78	43.24 1.96 -8.02	42.06 1.95 -7.14	47.71 2.10 -9.98	56.93 2.12 -17.61	63.87 2.12 -24.46	58.81 2.15 -19.57	53.12 2.11 -15.26	48.87 1.92 -12.74	45.91 1.71 -11.84	41.83 1.43 -12.96	41.12 1.60 -7.45
RANKINE____ 23646	35.85 -2.57 -0.01	29.90 -2.68 -0.73	25.90 -2.14 -1.29	27.79 -2.35 -0.81	30.27 -2.73 -0.54	36.40 -2.41 0.00	39.90 -3.00 0.00	36.83 -3.50 -0.59	35.83 -3.25 -0.39	35.33 -2.18 0.00	32.77 -2.35 0.00	30.83 -2.43 0.00	30.41 -2.64 -0.03	30.53 -2.96 -0.23	30.61 -3.13 -0.77	32.79 -3.35 -0.51	34.81 -3.27 -0.89	37.15 -3.17 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.69 -3.11 -1.58	30.08 -2.88 -0.60	26.61 -2.44 -1.61	30.34 -2.66 -0.93
RAVENSWOOD_GT2_1 24244	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	64.99 2.46 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69

RAVENSWOOD_GT2_2 24245	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	64.99 2.46 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT2_3 24246	40.75 2.27 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.43 2.43 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT2_4 24247	40.75 2.27 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	47.00 2.42 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.43 2.43 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT3_1 24248	40.71 2.23 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT3_2 24249	40.71 2.23 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT3_3 24250	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.13 2.23 0.00	47.04 2.46 -4.84	44.59 2.71 -3.19	40.24 2.74 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.47 2.46 -6.74	42.55 2.44 -7.14	48.57 2.64 -10.30	57.98 2.60 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.07 2.57 -15.74	49.65 2.29 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.75 1.99 -7.69
RAVENSWOOD_GT3_4 24251	40.78 2.30 -0.07	38.54 1.78 -4.91	36.97 1.47 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.13 2.23 0.00	47.04 2.46 -4.84	44.59 2.71 -3.19	40.24 2.74 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.47 2.46 -6.74	42.55 2.44 -7.14	48.57 2.64 -10.30	57.98 2.60 -18.18	65.06 2.53 -25.25	59.85 2.56 -20.19	54.07 2.57 -15.74	49.65 2.29 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.75 1.99 -7.69
RAVENSWOOD_GT_1 23729	40.86 2.38 -0.07	38.57 1.82 -4.91	37.03 1.52 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.04 2.14 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.76 2.63 0.00	39.46 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.74	42.55 2.44 -7.14	48.60 2.67 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.62 2.26 -13.14	46.71 2.14 -12.22	42.60 1.78 -13.38	41.78 2.02 -7.69
RAVENSWOOD_GT_10 24258	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT_11 24259	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT_4 24252	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT_5 24254	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT_6 24253	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT_7 24255	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.09 2.19 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.71 1.96 -7.69
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69

RAVENSWOOD_GT_9 24257	40.71 2.23 -0.07	38.48 1.72 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.66 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.57 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
RAVENSWOOD___1 23533	40.86 2.38 -0.07	38.57 1.81 -4.91	37.00 1.50 -8.76	36.34 1.55 -5.45	37.84 1.72 -3.66	40.75 1.94 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.45 2.53 -3.67	37.73 2.48 -2.23	42.43 2.43 -6.74	42.55 2.44 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.77 2.49 -20.19	54.08 2.58 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.75 1.99 -7.69
RAVENSWOOD___2 23534	40.82 2.34 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.42 2.50 -3.67	37.73 2.48 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.99 2.46 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.75 1.99 -7.69
RAVENSWOOD___3 23535	40.71 2.23 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.28 1.50 -5.45	37.78 1.65 -3.66	40.71 1.90 0.00	45.04 2.14 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.94 2.56 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.04 2.54 -15.74	49.62 2.26 -13.14	46.68 2.10 -12.22	42.57 1.76 -13.38	41.71 1.96 -7.69
RAVENSWOOD___4 23820	40.82 2.34 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.52 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.69 2.56 0.00	39.42 2.50 -3.67	37.69 2.44 -2.23	42.40 2.40 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.95 2.42 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.65 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
RCPI_TRUST___DRP 24196	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.13 2.23 0.00	47.04 2.46 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.76 2.63 0.00	39.46 2.53 -3.68	37.73 2.48 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	58.02 2.64 -18.18	65.10 2.57 -25.24	59.84 2.56 -20.19	54.07 2.57 -15.74	49.65 2.29 -13.14	46.71 2.14 -12.22	42.60 1.78 -13.37	41.75 1.99 -7.69
RED___ROCHESTER 323720	36.54 -1.88 -0.01	30.99 -1.40 -0.54	26.57 -1.15 -0.97	28.76 -1.17 -0.60	31.47 -1.39 -0.41	37.10 -1.71 0.00	40.84 -2.06 0.00	38.38 -1.91 -0.55	37.36 -1.70 -0.36	35.96 -1.54 0.00	33.62 -1.51 0.00	31.73 -1.53 0.00	31.49 -1.55 -0.02	31.91 -1.56 -0.22	32.08 -1.61 -0.73	34.48 -1.71 -0.56	36.69 -1.49 -0.98	38.58 -1.56 -2.87	37.98 -1.41 -2.29	36.29 -1.25 -1.79	34.17 -1.54 -1.49	31.62 -1.39 -0.66	27.75 -1.21 -1.52	31.82 -1.12 -0.87
REGAN___SOLAR 323812	40.73 2.23 -0.09	40.11 1.85 -6.41	39.63 1.44 -11.45	38.10 1.64 -7.12	39.13 1.88 -4.79	41.26 2.45 0.00	45.65 2.75 0.00	48.73 2.66 -6.32	45.15 2.28 -4.17	39.34 1.84 0.00	36.60 1.48 0.00	35.47 1.33 -0.88	35.13 1.35 -0.75	38.44 1.53 -3.65	43.10 1.58 -8.55	51.23 2.14 -13.46	63.53 2.56 -23.76	73.01 2.72 -33.01	66.20 2.71 -26.40	58.84 2.50 -20.58	53.73 2.33 -17.18	50.49 2.17 -15.98	46.69 1.76 -17.49	44.08 1.96 -10.05
RENSSELAER___COGEN 23796	39.69 1.19 -0.08	38.66 0.99 -5.82	37.96 0.83 -10.39	36.74 0.94 -6.47	37.81 1.01 -4.35	40.01 1.20 0.00	43.93 1.03 0.00	46.48 0.99 -5.74	43.45 0.97 -3.78	38.47 0.97 0.00	36.11 0.98 0.00	35.49 1.00 -1.24	34.93 0.99 -0.92	38.12 0.97 -3.89	41.68 0.86 -7.85	48.52 0.68 -12.22	59.47 0.71 -21.57	67.96 0.71 -29.97	61.77 0.70 -23.97	55.13 0.68 -18.69	50.47 0.65 -15.60	47.37 0.52 -14.50	43.82 0.49 -15.88	41.74 0.54 -9.13
REPUBLIC_115KV_BARTNBRK 55605	42.30 3.80 -0.09	41.13 3.28 -6.00	40.03 2.57 -10.71	38.91 2.90 -6.67	40.25 3.31 -4.48	42.96 4.15 0.00	47.62 4.72 0.00	50.19 4.53 -5.92	46.55 3.95 -3.90	41.10 3.60 0.00	38.32 3.20 0.00	37.47 3.09 -1.12	36.96 3.07 -0.86	40.16 3.09 -3.80	44.04 3.00 -8.07	51.87 3.63 -12.60	63.61 4.17 -22.24	72.55 4.36 -30.91	66.19 4.38 -24.72	59.04 4.00 -19.28	54.04 3.73 -16.09	50.74 3.43 -14.96	46.67 2.85 -16.38	44.72 3.24 -9.42
REVERE_CPPR_DRP 24186	39.45 1.04 0.00	32.94 0.86 -0.23	27.77 0.62 -0.41	30.29 0.70 -0.25	33.44 0.81 -0.17	40.01 1.20 0.00	44.27 1.37 0.00	41.32 1.35 -0.23	40.01 1.16 -0.15	38.48 0.98 0.00	35.90 0.77 0.00	33.89 0.63 0.00	33.76 0.73 -0.01	34.15 0.80 -0.09	34.13 0.86 -0.30	37.21 1.10 -0.48	39.39 1.34 -0.85	39.87 1.42 -1.18	39.34 1.30 -0.94	37.60 1.11 -0.73	36.03 1.20 -0.61	33.83 0.91 -0.57	28.72 0.66 -0.62	33.16 0.74 -0.36
REYNOLDS_115KV_TB3 80639	39.80 1.31 -0.08	38.76 1.08 -5.83	38.06 0.91 -10.41	36.84 1.03 -6.48	37.95 1.14 -4.35	40.13 1.32 0.00	44.19 1.29 0.00	46.73 1.23 -5.75	43.69 1.20 -3.79	38.70 1.20 0.00	36.32 1.19 0.00	35.68 1.16 -1.26	35.14 1.19 -0.93	38.31 1.13 -3.92	41.93 1.09 -7.87	48.87 1.00 -12.24	59.84 1.04 -21.60	68.35 1.04 -30.03	62.15 1.04 -24.01	55.44 0.97 -18.72	50.81 0.96 -15.63	47.69 0.81 -14.53	44.09 0.74 -15.91	42.05 0.83 -9.14
RIVERBAY____ 323610	41.09 2.61 -0.07	38.73 1.97 -4.91	37.16 1.66 -8.76	36.48 1.70 -5.45	37.97 1.85 -3.66	40.83 2.02 0.00	45.09 2.19 0.00	47.00 2.42 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.57 2.64 -10.30	57.87 2.49 -18.18	64.95 2.42 -25.25	59.74 2.45 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.68 2.10 -12.22	42.60 1.78 -13.38	41.81 2.05 -7.69
RIVERSDE_115KV_TB3 55908	39.76 1.27 -0.08	38.78 1.08 -5.84	38.08 0.91 -10.43	36.85 1.03 -6.49	37.92 1.10 -4.36	40.13 1.32 0.00	44.06 1.16 0.00	46.66 1.15 -5.77	43.62 1.12 -3.80	38.63 1.13 0.00	36.25 1.12 0.00	35.62 1.13 -1.23	35.07 1.12 -0.92	38.26 1.10 -3.90	41.87 1.02 -7.88	48.79 0.89 -12.27	59.78 0.93 -21.65	68.30 0.93 -30.09	62.09 0.93 -24.06	55.38 0.86 -18.76	50.70 0.82 -15.66	47.59 0.68 -14.56	44.01 0.63 -15.94	41.94 0.71 -9.16
ROARING___BROOK_WT_PWR 323790	37.68 -0.73 0.00	31.50 -0.35 0.00	26.32 -0.43 0.00	28.89 -0.44 0.00	32.13 -0.32 0.00	38.27 -0.54 0.00	42.47 -0.43 0.00	39.58 -0.16 0.00	38.19 -0.50 0.00	36.56 -0.94 0.00	34.00 -1.13 0.00	32.06 -1.20 0.00	31.87 -1.16 0.00	32.06 -1.20 0.00	31.85 -1.12 0.00	34.52 -1.10 0.00	35.90 -1.30 0.00	35.97 -1.31 0.00	35.57 -1.52 0.00	34.15 -1.61 0.00	32.78 -1.44 0.00	30.73 -1.62 0.00	26.12 -1.32 0.00	30.69 -1.38 0.00

ROCHESRG_115KV_T4 355643	36.23 -2.19 -0.01	30.80 -1.59 -0.54	26.42 -1.28 -0.96	28.58 -1.35 -0.60	31.27 -1.59 -0.40	36.79 -2.02 0.00	40.50 -2.40 0.00	38.02 -2.27 -0.55	37.01 -2.05 -0.36	35.63 -1.88 0.00	33.23 -1.90 0.00	31.43 -1.83 0.00	31.20 -1.85 -0.02	31.65 -1.83 -0.22	31.78 -1.91 -0.73	34.09 -2.10 -0.56	36.32 -1.86 -0.98	38.13 -2.01 -2.86	37.57 -1.82 -2.29	35.90 -1.64 -1.79	33.79 -1.92 -1.49	31.30 -1.71 -0.67	27.53 -1.43 -1.52	31.56 -1.38 -0.87
ROCHESTER_9_IC 23652	36.38 -2.04 -0.01	30.90 -1.50 -0.54	26.49 -1.23 -0.97	28.68 -1.26 -0.60	31.40 -1.46 -0.41	36.98 -1.82 0.00	40.67 -2.23 0.00	38.22 -2.07 -0.55	37.20 -1.86 -0.36	35.78 -1.73 0.00	33.41 -1.72 0.00	31.60 -1.66 0.00	31.36 -1.68 -0.02	31.78 -1.70 -0.22	31.95 -1.75 -0.73	34.27 -1.92 -0.56	36.51 -1.67 -0.98	38.36 -1.79 -2.87	37.79 -1.60 -2.29	36.11 -1.43 -1.79	34.00 -1.71 -1.49	31.46 -1.55 -0.66	27.64 -1.32 -1.52	31.69 -1.25 -0.87
ROCKVIEW_13_KV_LD 356306	40.71 2.23 -0.07	38.51 1.75 -4.91	36.95 1.44 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.79 1.98 0.00	45.17 2.27 0.00	47.08 2.50 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.69 2.56 0.00	39.39 2.46 -3.67	37.69 2.44 -2.23	42.44 2.43 -6.75	42.52 2.41 -7.14	48.56 2.64 -10.30	58.02 2.64 -18.18	65.14 2.61 -25.25	59.92 2.63 -20.19	54.11 2.61 -15.74	49.72 2.36 -13.14	46.74 2.17 -12.22	42.63 1.81 -13.38	41.75 1.99 -7.69
ROME____115KV_TB2 80656	39.45 1.04 0.00	32.94 0.86 -0.23	27.77 0.62 -0.41	30.29 0.70 -0.25	33.44 0.81 -0.17	40.01 1.20 0.00	44.27 1.37 0.00	41.32 1.35 -0.23	40.01 1.16 -0.15	38.48 0.98 0.00	35.90 0.77 0.00	33.89 0.63 0.00	33.76 0.73 -0.01	34.15 0.80 -0.09	34.13 0.86 -0.30	37.21 1.10 -0.48	39.39 1.34 -0.85	39.87 1.42 -1.18	39.34 1.30 -0.94	37.60 1.11 -0.73	36.03 1.20 -0.61	33.83 0.91 -0.57	28.72 0.66 -0.62	33.16 0.74 -0.36
ROSETON___1 23587	40.21 1.73 -0.07	38.09 1.34 -4.90	36.65 1.15 -8.76	35.99 1.20 -5.45	37.45 1.33 -3.66	40.36 1.55 0.00	44.66 1.76 0.00	46.49 1.91 -4.84	43.97 2.09 -3.19	39.56 2.06 0.00	37.06 1.93 0.00	37.96 1.86 -2.84	36.64 1.85 -1.77	40.74 1.83 -5.66	41.79 1.85 -6.97	47.92 1.99 -10.30	57.38 2.01 -18.18	64.53 2.01 -25.24	59.28 2.00 -20.19	53.50 2.00 -15.74	49.17 1.81 -13.14	46.22 1.65 -12.22	42.19 1.37 -13.37	41.30 1.54 -7.69
ROSETON___2 23588	40.21 1.73 -0.07	38.09 1.34 -4.90	36.65 1.15 -8.76	35.99 1.20 -5.45	37.45 1.33 -3.66	40.36 1.55 0.00	44.66 1.76 0.00	46.49 1.91 -4.84	43.97 2.09 -3.19	39.56 2.06 0.00	37.06 1.93 0.00	38.10 1.86 -2.98	36.72 1.85 -1.85	40.93 1.83 -5.84	41.82 1.85 -7.00	47.92 1.99 -10.30	57.38 2.01 -18.18	64.53 2.01 -25.24	59.28 2.00 -20.19	53.50 2.00 -15.74	49.17 1.81 -13.14	46.22 1.65 -12.22	42.19 1.37 -13.37	41.30 1.54 -7.69
ROTRRDAM_115KV_TB3 80664	39.61 1.11 -0.09	38.84 0.92 -6.06	38.32 0.75 -10.83	36.89 0.82 -6.74	37.93 0.94 -4.53	39.93 1.13 0.00	44.14 1.24 0.00	47.00 1.27 -5.98	43.84 1.20 -3.94	38.59 1.09 0.00	36.11 0.98 0.00	35.24 0.93 -1.05	34.78 0.92 -0.83	37.97 0.96 -3.74	42.06 0.96 -8.13	49.47 1.10 -12.73	60.90 1.23 -22.47	69.74 1.23 -31.23	63.33 1.26 -24.98	56.41 1.18 -19.48	51.57 1.09 -16.26	48.46 1.00 -15.11	44.84 0.85 -16.55	42.54 0.96 -9.51
RUSSELL___1 23602	36.50 -1.92 -0.01	30.99 -1.40 -0.54	26.57 -1.15 -0.97	28.76 -1.17 -0.60	31.47 -1.40 -0.41	37.10 -1.71 0.00	40.84 -2.06 0.00	38.38 -1.91 -0.55	37.39 -1.66 -0.36	35.93 -1.58 0.00	33.55 -1.58 0.00	31.73 -1.53 0.00	31.49 -1.55 -0.02	31.91 -1.56 -0.22	32.08 -1.62 -0.73	34.44 -1.75 -0.56	36.66 -1.53 -0.98	38.58 -1.57 -2.87	37.98 -1.41 -2.29	36.29 -1.25 -1.79	34.17 -1.54 -1.49	31.59 -1.42 -0.66	27.75 -1.52 -1.52	31.82 -1.12 -0.87
RUSSELL___2 23532	36.50 -1.92 -0.01	30.99 -1.40 -0.54	26.57 -1.15 -0.97	28.76 -1.17 -0.60	31.47 -1.40 -0.41	37.10 -1.71 0.00	40.84 -2.06 0.00	38.38 -1.91 -0.55	37.39 -1.66 -0.36	35.93 -1.58 0.00	33.55 -1.58 0.00	31.73 -1.53 0.00	31.49 -1.55 -0.02	31.91 -1.56 -0.22	32.08 -1.62 -0.73	34.44 -1.75 -0.56	36.66 -1.53 -0.98	38.58 -1.57 -2.87	37.98 -1.41 -2.29	36.29 -1.25 -1.79	34.17 -1.54 -1.49	31.59 -1.42 -0.66	27.75 -1.52 -1.52	31.82 -1.12 -0.87
RUSSELL___3 23549	36.50 -1.92 -0.01	30.99 -1.40 -0.54	26.57 -1.15 -0.97	28.76 -1.17 -0.60	31.47 -1.40 -0.41	37.10 -1.71 0.00	40.84 -2.06 0.00	38.38 -1.91 -0.55	37.39 -1.66 -0.36	35.93 -1.58 0.00	33.55 -1.58 0.00	31.73 -1.53 0.00	31.49 -1.55 -0.02	31.91 -1.56 -0.22	32.08 -1.62 -0.73	34.44 -1.75 -0.56	36.66 -1.53 -0.98	38.58 -1.57 -2.87	37.98 -1.41 -2.29	36.29 -1.25 -1.79	34.17 -1.54 -1.49	31.59 -1.42 -0.66	27.75 -1.52 -1.52	31.82 -1.12 -0.87
RUSSELL___4 23556	36.50 -1.92 -0.01	30.99 -1.40 -0.54	26.57 -1.15 -0.97	28.76 -1.17 -0.60	31.47 -1.40 -0.41	37.10 -1.71 0.00	40.84 -2.06 0.00	38.38 -1.91 -0.55	37.39 -1.66 -0.36	35.93 -1.58 0.00	33.55 -1.58 0.00	31.73 -1.53 0.00	31.49 -1.55 -0.02	31.91 -1.56 -0.22	32.08 -1.62 -0.73	34.44 -1.75 -0.56	36.66 -1.53 -0.98	38.58 -1.57 -2.87	37.98 -1.41 -2.29	36.29 -1.25 -1.79	34.17 -1.54 -1.49	31.59 -1.42 -0.66	27.75 -1.52 -1.52	31.82 -1.12 -0.87
RUSSELL___STATION 23914	36.50 -1.92 -0.01	30.99 -1.40 -0.54	26.57 -1.15 -0.97	28.76 -1.17 -0.60	31.47 -1.40 -0.41	37.10 -1.71 0.00	40.84 -2.06 0.00	38.38 -1.91 -0.55	37.39 -1.66 -0.36	35.93 -1.58 0.00	33.55 -1.58 0.00	31.73 -1.53 0.00	31.49 -1.55 -0.02	31.91 -1.56 -0.22	32.08 -1.62 -0.73	34.44 -1.75 -0.56	36.66 -1.53 -0.98	38.58 -1.57 -2.87	37.98 -1.41 -2.29	36.29 -1.25 -1.79	34.17 -1.54 -1.49	31.59 -1.42 -0.66	27.75 -1.52 -1.52	31.82 -1.12 -0.87
S SALMON___HYD 24043	37.68 -0.73 0.00	31.57 -0.61 -0.33	26.80 -0.53 -0.59	29.11 -0.59 -0.36	32.09 -0.62 -0.25	38.15 -0.66 0.00	42.21 -0.69 0.00	39.39 -0.68 -0.32	38.06 -0.85 -0.21	36.64 -0.86 0.00	34.25 -0.88 0.00	32.36 -0.90 0.00	32.18 -0.86 -0.01	32.56 -0.83 -0.13	32.61 -0.79 -0.43	35.57 -0.75 -0.69	37.71 -0.71 -1.22	38.37 -0.60 -1.69	37.85 -0.59 -1.35	36.20 -0.61 -1.05	34.55 -0.55 -0.88	32.68 -0.48 -0.82	27.87 -0.47 -0.90	32.01 -0.58 -0.51
S.PERRY__115KV_TB1 80734	37.31 -1.11 -0.01	31.58 -1.05 -0.78	27.28 -0.86 -1.39	29.41 -0.79 -0.87	32.10 -0.94 -0.58	38.11 -0.70 0.00	42.04 -0.86 0.00	39.64 -0.83 -0.73	38.33 -0.85 -0.48	36.75 -0.75 0.00	34.04 -1.09 0.00	32.03 -1.23 0.00	31.77 -1.29 -0.03	32.15 -1.40 -0.29	32.46 -1.48 -0.97	34.39 -1.43 -0.18	36.42 -1.08 -0.30	40.40 -0.71 -3.83	39.67 -0.48 -3.06	37.78 -0.36 -2.39	35.52 -0.68 -1.99	31.75 -0.81 -0.21	28.70 -0.77 -2.03	32.53 -0.71 -1.17
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.42 -3.00 -0.01	29.84 -2.71 -0.70	25.82 -2.17 -1.24	27.73 -2.38 -0.77	30.22 -2.76 -0.52	35.94 -2.87 0.00	39.38 -3.52 0.00	36.43 -3.85 -0.55	35.54 -3.52 -0.36	34.84 -2.66 0.00	32.35 -2.78 0.00	30.46 -2.79 0.00	30.11 -2.94 -0.03	30.35 -3.13 -0.22	30.36 -3.33 -0.72	32.55 -3.60 -0.52	34.68 -3.42 -0.90	36.56 -3.54 -2.82	36.09 -3.26 -2.26	34.37 -3.15 -1.76	32.27 -3.42 -1.47	29.89 -3.07 -0.61	26.39 -2.55 -1.50	30.24 -2.69 -0.86

SAWYER___23_KV_LOAD 55526	35.42 -3.00 -0.01	29.84 -2.71 -0.70	25.82 -2.17 -1.24	27.73 -2.38 -0.77	30.22 -2.76 -0.52	35.94 -2.87 0.00	39.38 -3.52 0.00	36.43 -3.85 -0.55	35.54 -3.52 -0.36	34.84 -2.66 0.00	32.35 -2.78 0.00	30.46 -2.79 0.00	30.11 -2.94 -0.03	30.35 -3.13 -0.22	30.36 -3.33 -0.72	32.55 -3.60 -0.52	34.68 -3.42 -0.90	36.56 -3.54 -2.82	36.09 -3.26 -2.26	34.37 -3.15 -1.76	32.27 -3.42 -1.47	29.89 -3.07 -0.61	26.39 -2.55 -1.50	30.24 -2.69 -0.86
SELKIRK___I 23801	39.76 1.27 -0.08	38.67 1.08 -5.74	37.87 0.88 -10.24	36.74 1.03 -6.38	37.85 1.10 -4.29	40.13 1.32 0.00	44.14 1.24 0.00	46.56 1.15 -5.66	43.43 1.00 -3.73	38.47 0.97 0.00	36.04 0.91 0.00	35.47 0.93 -1.28	34.89 0.92 -0.95	38.11 0.93 -3.92	41.62 0.89 -7.75	48.57 0.89 -12.05	59.39 0.93 -21.26	67.80 0.97 -29.55	61.69 0.96 -23.63	55.08 0.89 -18.43	50.49 0.89 -15.39	47.42 0.78 -14.30	43.78 0.69 -15.66	41.84 0.77 -9.00
SELKIRK___II 23799	39.61 1.11 -0.08	38.54 0.89 -5.80	37.84 0.75 -10.35	36.62 0.85 -6.44	37.69 0.91 -4.33	39.89 1.09 0.00	43.93 1.03 0.00	46.45 0.99 -5.72	43.43 0.97 -3.77	38.47 0.97 0.00	36.08 0.95 0.00	35.44 0.97 -1.22	34.89 0.96 -0.91	38.02 0.90 -3.86	41.64 0.86 -7.82	48.58 0.78 -12.17	59.49 0.82 -21.48	67.95 0.82 -29.85	61.78 0.82 -23.87	55.15 0.79 -18.61	50.51 0.75 -15.54	47.44 0.65 -14.44	43.83 0.58 -15.81	41.80 0.64 -9.09
SENECA OSWGO___HYD 24041	37.34 -1.08 -0.01	31.32 -0.89 -0.36	26.65 -0.75 -0.65	28.95 -0.79 -0.41	31.82 -0.91 -0.27	37.72 -1.09 0.00	41.74 -1.16 0.00	38.87 -1.23 -0.36	37.69 -1.24 -0.24	36.34 -1.16 0.00	34.11 -1.02 0.00	32.29 -0.97 0.00	32.05 -0.99 -0.02	32.44 -0.97 -0.14	32.49 -0.96 -0.48	35.36 -1.03 -0.77	37.51 -1.04 -1.35	38.15 -1.00 -1.88	37.63 -0.96 -1.50	36.00 -0.93 -1.17	34.30 -0.89 -0.98	32.55 -0.71 -0.91	27.83 -0.60 -1.00	31.90 -0.74 -0.57
SENECA___115KV_TB3 355854	35.88 -2.53 -0.01	29.93 -2.64 -0.73	25.93 -2.11 -1.29	27.85 -2.29 -0.81	30.31 -2.69 -0.54	36.44 -2.37 0.00	39.98 -2.92 0.00	36.87 -3.46 -0.59	35.87 -3.21 -0.39	35.40 -2.10 0.00	32.84 -2.28 0.00	30.90 -2.36 0.00	30.44 -2.61 -0.03	30.57 -2.93 -0.23	30.68 -3.07 -0.77	32.86 -3.28 -0.51	34.89 -3.20 -0.89	37.19 -3.13 -3.04	36.59 -2.93 -2.43	34.83 -2.82 -1.90	32.75 -3.05 -1.58	30.14 -2.81 -0.60	26.67 -2.39 -1.61	30.40 -2.60 -0.93
SENECA___ENERGY 23797	37.50 -0.92 -0.01	31.58 -0.86 -0.59	27.10 -0.70 -1.05	29.25 -0.73 -0.65	32.05 -0.84 -0.44	37.99 -0.82 0.00	42.08 -0.82 0.00	39.48 -0.84 -0.58	38.26 -0.81 -0.38	36.86 -0.64 0.00	34.46 -0.67 0.00	32.53 -0.73 0.00	32.29 -0.76 -0.02	32.72 -0.76 -0.23	32.95 -0.79 -0.77	35.82 -0.82 -1.01	38.27 -0.71 -1.78	39.71 -0.60 -3.02	38.99 -0.52 -2.42	37.11 -0.54 -1.89	35.18 -0.61 -1.57	32.93 -0.62 -1.20	28.49 -0.55 -1.60	32.38 -0.61 -0.92
SHOEMAKER___GT 23640	39.93 1.46 -0.06	37.44 1.11 -4.48	35.70 0.96 -8.00	35.31 1.00 -4.98	36.91 1.10 -3.35	40.13 1.32 0.00	44.40 1.50 0.00	45.75 1.59 -4.42	43.39 1.78 -2.91	39.23 1.73 0.00	36.71 1.58 0.00	23.02 1.50 11.73	28.22 1.49 6.29	21.02 1.50 13.74	37.98 1.52 -3.49	46.74 1.71 -9.40	55.51 1.71 -16.60	62.08 1.75 -23.05	57.27 1.74 -18.43	51.85 1.72 -14.37	47.82 1.61 -12.00	44.93 1.42 -11.16	40.83 1.18 -12.21	40.43 1.35 -7.02
SHOEMAKR_138KV_BK 111 55601	39.93 1.46 -0.06	37.41 1.11 -4.44	35.63 0.96 -7.93	35.26 1.00 -4.93	36.88 1.10 -3.32	40.13 1.32 0.00	44.40 1.50 0.00	45.71 1.59 -4.38	43.36 1.78 -2.88	39.23 1.73 0.00	36.74 1.62 0.00	18.24 1.53 16.55	25.60 1.52 8.94	14.69 1.53 20.10	37.00 1.55 -2.48	46.66 1.71 -9.32	55.36 1.71 -16.45	61.88 1.75 -22.85	57.11 1.74 -18.27	51.72 1.72 -14.25	47.72 1.61 -11.90	44.84 1.42 -11.06	40.73 1.18 -12.11	40.37 1.35 -6.96
SHOREHAM_IC_1 23715	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.94 3.05 0.00	48.12 3.54 -4.85	45.33 3.44 -3.19	40.73 3.23 0.00	38.40 3.27 -0.01	40.02 3.09 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.11 3.07 -9.07	54.00 3.03 -15.34	68.96 3.13 -28.63	72.29 3.17 -31.84	70.23 3.23 -29.91	63.81 3.18 -24.87	62.80 2.87 -25.71	59.22 2.65 -24.21	49.95 2.47 -20.04	44.44 2.85 -9.52
SHOREHAM_IC_2 23716	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.94 3.05 0.00	48.12 3.54 -4.85	45.33 3.44 -3.19	40.73 3.23 0.00	38.40 3.27 -0.01	40.02 3.09 -3.67	38.26 3.00 -2.23	43.88 2.99 -7.62	45.11 3.07 -9.07	54.00 3.03 -15.34	68.96 3.13 -28.63	72.29 3.17 -31.84	70.23 3.23 -29.91	63.81 3.18 -24.87	62.80 2.87 -25.71	59.22 2.65 -24.21	49.95 2.47 -20.04	44.44 2.85 -9.52
SISSONVILLE___ 23735	37.37 -1.04 0.00	31.57 -0.38 -0.10	26.26 -0.67 -0.18	28.83 -0.62 -0.11	32.31 -0.23 -0.08	38.27 -0.54 0.00	42.90 0.00 0.00	40.64 0.79 -0.10	38.53 -0.23 -0.07	36.23 -1.28 0.00	33.51 -1.62 0.00	31.60 -1.66 0.00	31.54 -1.49 0.00	31.77 -1.53 -0.04	31.79 -1.32 -0.13	34.77 -1.07 -0.21	36.13 -1.45 -0.38	36.35 -1.45 -0.52	35.55 -1.97 -0.42	33.83 -2.25 -0.33	32.64 -1.85 -0.27	30.15 -2.46 -0.25	25.69 -2.03 -0.28	30.27 -1.96 -0.16
SITHE_IND_GS1 24169	37.15 -1.27 0.00	31.12 -1.02 -0.29	26.42 -0.83 -0.51	28.74 -0.91 -0.32	31.63 -1.04 -0.21	37.57 -1.24 0.00	41.52 -1.37 0.00	38.51 -1.51 -0.28	37.34 -1.55 -0.19	36.04 -1.46 0.00	33.86 -1.26 0.00	32.06 -1.20 0.00	31.81 -1.22 -0.01	32.18 -1.20 -0.11	32.16 -1.19 -0.38	34.91 -1.32 -0.60	36.88 -1.38 -1.06	37.38 -1.38 -1.48	36.91 -1.37 -1.19	35.40 -1.29 -0.93	33.79 -1.20 -0.77	32.09 -0.97 -0.71	27.40 -0.82 -0.79	31.56 -0.96 -0.45
SITHE_IND_GS2 24170	37.15 -1.27 0.00	31.12 -1.02 -0.29	26.42 -0.83 -0.51	28.74 -0.91 -0.32	31.63 -1.04 -0.21	37.57 -1.24 0.00	41.52 -1.37 0.00	38.51 -1.51 -0.28	37.34 -1.55 -0.19	36.04 -1.46 0.00	33.86 -1.26 0.00	32.06 -1.20 0.00	31.81 -1.22 -0.01	32.18 -1.20 -0.11	32.16 -1.19 -0.38	34.91 -1.32 -0.60	36.88 -1.38 -1.06	37.38 -1.38 -1.48	36.91 -1.37 -1.19	35.40 -1.29 -0.93	33.79 -1.20 -0.77	32.09 -0.97 -0.71	27.40 -0.82 -0.79	31.56 -0.96 -0.45
SITHE_IND_GS3 24171	37.15 -1.27 0.00	31.12 -1.02 -0.29	26.42 -0.83 -0.51	28.74 -0.91 -0.32	31.63 -1.04 -0.21	37.57 -1.24 0.00	41.52 -1.37 0.00	38.51 -1.51 -0.28	37.34 -1.55 -0.19	36.04 -1.46 0.00	33.86 -1.26 0.00	32.06 -1.20 0.00	31.81 -1.22 -0.01	32.18 -1.20 -0.11	32.16 -1.19 -0.38	34.91 -1.32 -0.60	36.88 -1.38 -1.06	37.38 -1.38 -1.48	36.91 -1.37 -1.19	35.40 -1.29 -0.93	33.79 -1.20 -0.77	32.09 -0.97 -0.71	27.40 -0.82 -0.79	31.56 -0.96 -0.45
SITHE_IND_GS4 24172	37.15 -1.27 0.00	31.12 -1.02 -0.29	26.42 -0.83 -0.51	28.74 -0.91 -0.32	31.63 -1.04 -0.21	37.57 -1.24 0.00	41.52 -1.37 0.00	38.51 -1.51 -0.28	37.34 -1.55 -0.19	36.04 -1.46 0.00	33.86 -1.26 0.00	32.06 -1.20 0.00	31.81 -1.22 -0.01	32.18 -1.20 -0.11	32.16 -1.19 -0.38	34.91 -1.32 -0.60	36.88 -1.38 -1.06	37.38 -1.38 -1.48	36.91 -1.37 -1.19	35.40 -1.29 -0.93	33.79 -1.20 -0.77	32.09 -0.97 -0.71	27.40 -0.82 -0.79	31.56 -0.96 -0.45

SITHE___BATAVIA 24024	36.11 -2.30 -0.01	30.47 -2.01 -0.62	26.20 -1.66 -1.11	28.32 -1.70 -0.69	30.91 -2.01 -0.47	36.71 -2.10 0.00	40.33 -2.57 0.00	37.66 -2.62 -0.54	36.66 -2.40 -0.36	35.59 -1.91 0.00	33.20 -1.93 0.00	31.20 -2.06 0.00	30.87 -2.18 -0.03	31.15 -2.33 -0.22	31.25 -2.44 -0.72	33.64 -2.53 -0.54	35.87 -2.27 -0.94	37.83 -2.28 -2.82	37.28 -2.08 -2.26	35.66 -1.86 -1.76	33.46 -2.22 -1.47	30.92 -2.07 -0.64	27.13 -1.81 -1.50	31.17 -1.76 -0.86
SITHE___INDEPEND 23800	37.15 -1.27 0.00	31.12 -1.02 -0.29	26.42 -0.83 -0.51	28.74 -0.91 -0.32	31.63 -1.04 -0.21	37.57 -1.24 0.00	41.53 -1.37 0.00	38.51 -1.51 -0.28	37.34 -1.55 -0.19	36.04 -1.46 0.00	33.83 -1.30 0.00	32.06 -1.20 0.00	31.81 -1.22 -0.01	32.17 -1.20 -0.11	32.16 -1.19 -0.38	34.87 -1.35 -0.60	36.88 -1.38 -1.06	37.38 -1.38 -1.48	36.91 -1.37 -1.19	35.39 -1.29 -0.93	33.79 -1.20 -0.77	32.09 -0.97 -0.71	27.40 -0.82 -0.79	31.56 -0.96 -0.45
SITHE___MASSENA 23902	37.18 -1.23 0.00	31.55 -0.38 -0.08	26.24 -0.64 -0.14	28.80 -0.62 -0.08	32.32 -0.19 -0.06	38.23 -0.58 0.00	42.81 -0.09 0.00	40.49 0.67 -0.07	38.55 -0.19 -0.05	36.19 -1.31 0.00	33.51 -1.62 0.00	31.63 -1.63 0.00	31.57 -1.45 0.00	31.76 -1.53 -0.03	31.75 -1.32 -0.10	34.65 -1.14 -0.16	35.88 -1.60 -0.28	35.99 -1.68 -0.39	35.22 -2.19 -0.31	33.53 -2.47 -0.24	32.37 -2.05 -0.20	29.92 -2.62 -0.19	25.53 -2.11 -0.21	30.17 -2.02 -0.12
SITHE___OGDNSBRG 24021	37.87 -0.54 0.00	32.01 0.06 -0.09	26.56 -0.35 -0.16	29.17 -0.26 -0.10	32.72 0.19 -0.07	38.81 0.00 0.00	43.54 0.64 0.00	41.22 1.39 -0.09	39.03 0.27 -0.06	36.56 -0.94 0.00	33.76 -1.37 0.00	31.79 -1.46 0.00	31.77 -1.25 0.00	31.97 -1.33 -0.04	32.04 -1.06 -0.12	35.11 -0.71 -0.19	36.50 -1.04 -0.34	36.78 -0.97 -0.47	35.99 -1.48 -0.38	34.23 -1.82 -0.29	33.06 -1.40 -0.25	30.44 -2.14 -0.23	25.96 -1.73 -0.25	30.61 -1.60 -0.14
SITHE___STERLING 23777	39.22 0.81 0.00	32.72 0.60 -0.27	27.68 0.45 -0.48	30.16 0.53 -0.30	33.24 0.58 -0.20	39.70 0.89 0.00	43.97 1.07 0.00	41.04 1.03 -0.26	39.76 0.89 -0.17	38.29 0.79 0.00	35.76 0.63 0.00	33.79 0.53 0.00	33.63 0.60 -0.01	33.99 0.63 -0.10	33.98 0.66 -0.35	37.04 0.85 -0.56	39.19 1.00 -0.99	39.74 1.08 -1.37	39.20 1.00 -1.10	37.47 0.86 -0.86	35.82 0.89 -0.72	33.73 0.71 -0.66	28.69 0.52 -0.73	33.09 0.61 -0.42
SLEIGHT__34_KV_TB1 80719	36.77 -1.65 -0.01	31.11 -1.27 -0.54	26.66 -1.04 -0.96	28.84 -1.09 -0.59	31.62 -1.23 -0.40	37.33 -1.47 0.00	41.23 -1.67 0.00	38.77 -1.51 -0.54	37.66 -1.39 -0.35	36.19 -1.31 0.00	33.83 -1.30 0.00	31.99 -1.26 0.00	31.79 -1.25 -0.02	32.21 -1.26 -0.21	32.40 -1.29 -0.71	35.08 -1.35 -0.80	37.42 -1.19 -1.41	38.90 -1.19 -2.81	38.23 -1.11 -2.25	36.47 -1.04 -1.75	34.48 -1.20 -1.46	32.20 -1.10 -0.95	27.97 -0.96 -1.49	31.96 -0.96 -0.86
SOUTH CAIRO___GT 23612	40.64 2.15 -0.08	38.90 1.50 -5.55	37.91 1.26 -9.91	36.94 1.44 -6.17	38.23 1.62 -4.15	41.18 2.37 0.00	45.26 2.36 0.00	46.89 1.67 -5.48	43.74 1.43 -3.61	38.85 1.35 0.00	36.18 1.05 0.00	35.82 1.03 -1.53	35.15 1.06 -1.07	38.33 0.90 -4.17	41.45 0.92 -7.56	48.36 1.07 -11.66	59.12 1.34 -20.58	67.44 1.57 -28.60	61.56 1.60 -22.87	55.06 1.47 -17.83	50.54 1.44 -14.89	47.35 1.16 -13.84	43.55 0.96 -15.15	42.03 1.25 -8.71
SOUTH HAMPTN___IC 23720	41.51 3.03 -0.07	39.02 2.26 -4.91	37.13 1.63 -8.76	36.54 1.76 -5.45	37.97 1.85 -3.66	41.18 2.37 0.00	46.03 3.13 0.00	48.24 3.65 -4.85	45.44 3.56 -3.19	40.88 3.38 0.00	38.51 3.37 -0.01	40.19 3.26 -3.67	38.42 3.17 -2.23	44.00 3.13 -7.62	45.20 3.17 -9.07	54.13 3.17 -15.33	69.09 3.27 -28.62	72.43 3.32 -31.83	70.37 3.38 -29.90	63.94 3.33 -24.86	62.88 2.98 -25.69	59.27 2.72 -24.20	49.94 2.47 -20.03	44.53 2.95 -9.52
SOUTHDOW_115KV_TB1 355954	36.73 -1.69 -0.01	30.27 -2.36 -0.78	26.23 -1.90 -1.39	28.17 -2.02 -0.86	30.60 -2.43 -0.58	37.33 -1.47 0.00	41.14 -1.76 0.00	37.88 -2.50 -0.65	36.76 -2.36 -0.43	36.45 -1.05 0.00	33.79 -1.33 0.00	31.60 -1.66 0.00	31.01 -2.05 -0.03	30.96 -2.56 -0.26	31.09 -2.74 -0.85	33.12 -2.99 -0.48	34.94 -3.09 -0.83	38.13 -2.50 -3.35	37.40 -2.37 -2.68	35.49 -2.36 -2.09	33.43 -2.53 -1.75	30.42 -2.49 -0.56	27.05 -2.17 -1.78	30.53 -2.57 -1.02
SOUTHOLD_69_KV_BK 2 55809	41.44 2.96 -0.07	38.92 2.17 -4.91	37.00 1.50 -8.76	36.46 1.67 -5.45	37.88 1.75 -3.66	41.06 2.25 0.00	45.90 3.00 0.00	48.28 3.70 -4.85	45.48 3.60 -3.19	40.84 3.34 0.00	38.54 3.41 -0.01	40.29 3.36 -3.67	38.49 3.24 -2.23	44.04 3.16 -7.62	45.17 3.13 -9.07	54.10 3.14 -15.33	69.02 3.20 -28.62	72.43 3.32 -31.83	70.41 3.41 -29.90	63.94 3.33 -24.86	62.85 2.94 -25.69	59.20 2.65 -24.20	49.83 2.36 -20.03	44.53 2.95 -9.52
SOUTHOLD___IC 23719	41.44 2.96 -0.07	38.92 2.17 -4.91	37.03 1.52 -8.76	36.46 1.67 -5.45	37.87 1.75 -3.66	41.06 2.25 0.00	45.90 3.00 0.00	48.28 3.70 -4.85	45.48 3.60 -3.19	40.91 3.41 0.00	38.54 3.41 -0.01	40.29 3.36 -3.67	38.49 3.24 -2.23	44.04 3.16 -7.62	45.17 3.13 -9.07	54.10 3.14 -15.33	69.02 3.20 -28.62	72.43 3.32 -31.83	70.40 3.41 -29.90	63.94 3.33 -24.86	62.85 2.94 -25.69	59.20 2.65 -24.20	49.83 2.36 -20.03	44.53 2.95 -9.52
SOUTH_FORK_WT_PWR 323839	41.05 2.57 -0.07	38.60 1.85 -4.91	36.76 1.26 -8.76	36.16 1.38 -5.45	37.55 1.43 -3.66	40.67 1.86 0.00	45.52 2.62 0.00	47.96 3.38 -4.85	45.17 3.29 -3.19	40.65 3.15 0.00	38.23 3.09 -0.01	40.06 3.13 -3.67	38.23 2.97 -2.23	43.74 2.86 -7.62	44.84 2.80 -9.07	53.71 2.74 -15.33	68.53 2.71 -28.62	71.98 2.87 -31.83	70.00 3.00 -29.90	63.55 2.93 -24.86	62.47 2.57 -25.69	58.81 2.26 -24.20	49.47 2.00 -20.03	44.21 2.63 -9.52
SPIERFLS_115KV_TB 1 80737	40.72 2.23 -0.09	39.77 1.91 -6.01	39.00 1.52 -10.73	37.74 1.73 -6.68	38.89 1.95 -4.49	41.21 2.41 0.00	45.64 2.75 0.00	48.37 2.70 -5.93	45.00 2.40 -3.91	39.71 2.21 0.00	37.09 1.97 0.00	36.23 1.86 -1.11	35.73 1.85 -0.86	38.92 1.86 -3.80	42.82 1.78 -8.07	50.38 2.14 -12.62	61.88 2.42 -22.27	70.72 2.50 -30.95	64.33 2.49 -24.75	57.34 2.29 -19.30	52.48 2.16 -16.11	49.26 1.94 -14.97	45.51 1.67 -16.39	43.39 1.89 -9.43
ST LAWRENCE____ 23600	36.76 -1.65 0.00	31.09 -0.76 0.00	25.81 -0.94 0.00	28.42 -0.91 0.00	31.91 -0.55 0.00	37.80 -1.01 0.00	42.34 -0.56 0.00	39.90 0.16 0.00	38.08 -0.62 0.00	35.81 -1.69 0.00	33.20 -1.93 0.00	31.33 -1.93 0.00	31.27 -1.75 0.00	31.43 -1.83 0.00	31.36 -1.61 0.00	34.10 -1.53 0.00	35.19 -2.01 0.00	35.19 -2.09 0.00	34.50 -2.60 0.00	32.89 -2.86 0.00	31.75 -2.46 0.00	29.41 -2.94 0.00	25.08 -2.36 0.00	29.73 -2.34 0.00
STATE_CA_115KV_115_LB 55624	39.84 1.34 -0.08	38.84 1.11 -5.88	38.17 0.94 -10.49	36.95 1.09 -6.53	38.02 1.17 -4.39	40.21 1.40 0.00	44.10 1.20 0.00	46.73 1.19 -5.80	43.64 1.12 -3.82	38.66 1.16 0.00	36.29 1.16 0.00	35.62 1.16 -1.20	35.12 1.19 -0.90	38.26 1.13 -3.87	41.95 1.06 -7.92	48.86 0.89 -12.34	59.91 0.93 -21.78	68.48 0.93 -30.27	62.23 0.93 -24.21	55.49 0.86 -18.88	50.80 0.82 -15.76	47.67 0.68 -14.64	44.08 0.60 -16.04	41.96 0.67 -9.22

STATE_ST_34_KV_LOAD 55959	37.99 -0.42 -0.01	32.02 -0.41 -0.58	27.43 -0.35 -1.04	29.63 -0.35 -0.65	32.50 -0.39 -0.43	38.46 -0.35 0.00	42.64 -0.26 0.00	40.00 -0.32 -0.57	38.73 -0.35 -0.38	37.24 -0.26 0.00	34.85 -0.28 0.00	32.96 -0.30 0.00	32.75 -0.30 -0.02	33.19 -0.30 -0.23	33.43 -0.30 -0.76	36.86 -0.29 -1.51	39.76 -0.11 -2.67	40.23 -0.04 -2.99	39.49 0.00 -2.39	37.58 -0.04 -1.86	35.67 -0.10 -1.56	34.08 -0.06 -1.80	28.94 -0.08 -1.58	32.88 -0.10 -0.91
STATION 5_MISC_HYD 23604	36.42 -2.00 -0.01	30.90 -1.50 -0.54	26.49 -1.23 -0.97	28.68 -1.26 -0.60	31.40 -1.46 -0.41	36.99 -1.82 0.00	40.67 -2.23 0.00	38.22 -2.07 -0.55	37.20 -1.86 -0.36	35.78 -1.72 0.00	33.48 -1.65 0.00	31.60 -1.66 0.00	31.36 -1.68 -0.02	31.78 -1.70 -0.22	31.95 -1.75 -0.73	34.34 -1.85 -0.56	36.54 -1.64 -0.98	38.39 -1.75 -2.87	37.79 -1.59 -2.29	36.11 -1.43 -1.79	34.00 -1.71 -1.49	31.46 -1.55 -0.66	27.64 -1.32 -1.52	31.69 -1.25 -0.87
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.07 -1.34 -0.01	31.35 -1.05 -0.55	26.84 -0.88 -0.98	29.06 -0.88 -0.61	31.86 -1.01 -0.41	37.68 -1.13 0.00	41.61 -1.29 0.00	39.10 -1.19 -0.55	38.01 -1.04 -0.36	36.56 -0.94 0.00	34.11 -1.02 0.00	32.26 -1.00 0.00	32.02 -1.02 -0.02	32.44 -1.03 -0.22	32.64 -1.06 -0.73	35.11 -1.10 -0.59	37.30 -0.93 -1.03	39.29 -0.86 -2.87	38.61 -0.78 -2.29	36.86 -0.68 -1.79	34.82 -0.89 -1.49	32.17 -0.87 -0.70	28.19 -0.77 -1.52	32.20 -0.74 -0.87
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.27 -2.15 -0.01	30.83 -1.56 -0.54	26.40 -1.31 -0.96	28.58 -1.35 -0.60	31.30 -1.56 -0.40	36.87 -1.94 0.00	40.58 -2.32 0.00	38.14 -2.15 -0.54	37.12 -1.93 -0.36	35.70 -1.80 0.00	33.34 -1.79 0.00	31.53 -1.73 0.00	31.29 -1.75 -0.02	31.74 -1.73 -0.21	31.91 -1.78 -0.72	34.24 -1.96 -0.57	36.44 -1.75 -0.99	38.29 -1.83 -2.84	37.70 -1.67 -2.27	36.02 -1.50 -1.77	33.95 -1.75 -1.48	31.40 -1.62 -0.67	27.57 -1.37 -1.50	31.62 -1.31 -0.86
STA_56___34_KV_BUS2 355983	36.27 -2.15 -0.01	30.83 -1.56 -0.54	26.40 -1.31 -0.96	28.58 -1.35 -0.60	31.30 -1.56 -0.40	36.87 -1.94 0.00	40.58 -2.32 0.00	38.14 -2.15 -0.54	37.12 -1.93 -0.36	35.70 -1.80 0.00	33.34 -1.79 0.00	31.53 -1.73 0.00	31.29 -1.75 -0.02	31.74 -1.73 -0.21	31.91 -1.78 -0.72	34.24 -1.96 -0.57	36.44 -1.75 -0.99	38.29 -1.83 -2.84	37.70 -1.67 -2.27	36.02 -1.50 -1.77	33.95 -1.75 -1.48	31.40 -1.62 -0.67	27.57 -1.37 -1.50	31.62 -1.31 -0.86
STA_67___115KV_BK2 355882	36.30 -2.11 -0.01	30.87 -1.53 -0.54	26.46 -1.26 -0.97	28.65 -1.29 -0.60	31.34 -1.53 -0.41	36.91 -1.90 0.00	40.62 -2.27 0.00	38.14 -2.15 -0.55	37.12 -1.93 -0.36	35.74 -1.76 0.00	33.34 -1.79 0.00	31.53 -1.73 0.00	31.29 -1.75 -0.02	31.71 -1.76 -0.22	31.88 -1.81 -0.73	34.20 -2.00 -0.56	36.43 -1.75 -0.98	38.28 -1.86 -2.87	37.72 -1.67 -2.29	36.01 -1.54 -1.79	33.93 -1.78 -1.49	31.40 -1.62 -0.66	27.59 -1.37 -1.52	31.66 -1.28 -0.87
STA_7___115KV_9TRANS 80674	36.50 -1.92 -0.01	30.99 -1.40 -0.54	26.57 -1.15 -0.97	28.76 -1.17 -0.60	31.47 -1.40 -0.41	37.10 -1.71 0.00	40.84 -2.06 0.00	38.38 -1.91 -0.55	37.39 -1.66 -0.36	35.93 -1.58 0.00	33.55 -1.58 0.00	31.73 -1.53 0.00	31.49 -1.55 -0.02	31.91 -1.56 -0.22	32.08 -1.62 -0.73	34.44 -1.75 -0.56	36.66 -1.53 -0.98	38.58 -1.57 -2.87	37.98 -1.41 -2.29	36.29 -1.25 -1.79	34.17 -1.54 -1.49	31.59 -1.42 -0.66	27.75 -1.21 -1.52	31.82 -1.12 -0.87
STA_82___115KV_TB1 80780	36.34 -2.07 -0.01	30.87 -1.53 -0.55	26.46 -1.26 -0.98	28.65 -1.29 -0.61	31.34 -1.53 -0.41	36.91 -1.90 0.00	40.62 -2.27 0.00	38.14 -2.15 -0.55	37.16 -1.90 -0.36	35.74 -1.76 0.00	33.34 -1.79 0.00	31.53 -1.73 0.00	31.29 -1.75 -0.02	31.75 -1.73 -0.22	31.88 -1.81 -0.73	34.23 -1.96 -0.56	36.43 -1.75 -0.98	38.32 -1.83 -2.87	37.72 -1.67 -2.29	36.04 -1.50 -1.79	33.93 -1.78 -1.49	31.40 -1.62 -0.66	27.61 -1.34 -1.52	31.66 -1.28 -0.87
STEEL___WIND 323596	35.92 -2.50 -0.01	29.87 -2.71 -0.73	25.87 -2.17 -1.29	27.79 -2.35 -0.81	30.27 -2.73 -0.54	36.40 -2.41 0.00	39.89 -3.00 0.00	36.83 -3.50 -0.59	35.80 -3.29 -0.39	35.32 -2.18 0.00	32.92 -2.21 0.00	30.83 -2.43 0.00	30.38 -2.67 -0.03	30.53 -2.96 -0.23	30.61 -3.13 -0.77	32.76 -3.39 -0.51	34.78 -3.31 -0.89	37.11 -3.21 -3.04	36.52 -3.00 -2.43	34.76 -2.90 -1.90	32.69 -3.11 -1.58	30.04 -2.91 -0.60	26.61 -2.44 -1.61	30.34 -2.66 -0.93
STEPHTWN_115KV_BK_2 55603	40.03 1.54 -0.08	38.95 1.27 -5.82	38.18 1.04 -10.39	37.00 1.20 -6.47	38.10 1.30 -4.35	40.40 1.59 0.00	44.36 1.46 0.00	46.91 1.43 -5.74	43.83 1.35 -3.78	38.85 1.35 0.00	36.46 1.33 0.00	35.83 1.32 -1.24	35.27 1.32 -0.92	38.42 1.26 -3.89	42.04 1.22 -7.85	48.92 1.07 -12.22	59.96 1.19 -21.57	68.45 1.19 -29.97	62.25 1.19 -23.97	55.56 1.11 -18.69	50.88 1.06 -15.60	47.76 0.91 -14.50	44.12 0.80 -15.88	42.06 0.87 -9.13
STEUBEN_REC_LFGE 323667	36.69 -1.73 -0.01	30.90 -1.94 -0.99	27.10 -1.42 -1.77	28.97 -1.47 -1.10	31.58 -1.62 -0.74	37.72 -1.09 0.00	41.74 -1.16 0.00	39.20 -1.47 -0.93	37.88 -1.43 -0.61	36.86 -0.64 0.00	34.11 -1.02 0.00	31.99 -1.26 0.00	31.51 -1.55 -0.04	31.66 -1.96 -0.37	31.96 -2.24 -1.23	32.18 -2.39 1.07	32.96 -2.31 1.93	40.22 -1.90 -4.84	39.19 -1.78 -3.87	37.02 -1.75 -3.02	34.82 -1.92 -2.52	29.07 -2.01 1.28	28.31 -1.70 -2.57	31.56 -1.99 -1.48
STILLWATER___SOLAR 323814	40.38 1.88 -0.09	39.42 1.59 -5.98	38.71 1.28 -10.68	37.44 1.47 -6.65	38.55 1.62 -4.47	40.79 1.98 0.00	45.13 2.23 0.00	47.83 2.18 -5.90	44.60 2.01 -3.89	39.34 1.84 0.00	36.74 1.62 0.00	35.99 1.60 -1.14	35.48 1.59 -0.87	38.68 1.60 -3.82	42.59 1.58 -8.04	50.04 1.85 -12.56	61.41 2.04 -22.16	70.17 2.09 -30.80	63.80 2.08 -24.63	56.89 1.93 -19.21	52.06 1.81 -16.04	48.90 1.65 -14.90	45.16 1.40 -16.32	43.05 1.60 -9.38
STONY___BROOK 24151	41.51 3.03 -0.07	39.02 2.26 -4.91	37.13 1.63 -8.76	36.57 1.79 -5.45	38.00 1.88 -3.66	41.14 2.33 0.00	45.99 3.09 0.00	48.12 3.54 -4.85	45.33 3.44 -3.19	40.76 3.26 0.00	38.44 3.30 -0.01	40.06 3.13 -3.67	38.29 3.04 -2.23	43.91 3.03 -7.62	45.18 3.13 -9.08	54.26 3.28 -15.35	69.25 3.38 -28.66	72.50 3.36 -31.86	70.45 3.41 -29.94	64.05 3.40 -24.90	63.04 3.08 -25.75	59.45 2.85 -24.25	49.97 2.47 -20.06	44.41 2.82 -9.52
STURGEON_POOL_HYD 23609	40.17 1.69 -0.07	37.88 1.05 -4.98	36.55 0.91 -8.89	35.78 0.91 -5.54	37.22 1.04 -3.72	40.24 1.44 0.00	44.61 1.72 0.00	46.28 1.63 -4.91	43.87 1.93 -3.24	39.56 2.06 0.00	37.02 1.90 0.00	37.27 1.80 -2.22	36.23 1.78 -1.43	39.75 1.63 -4.86	41.60 1.68 -6.95	48.01 1.92 -10.46	57.56 1.90 -18.46	64.82 1.90 -25.64	59.53 1.93 -20.51	53.68 1.93 -15.99	49.34 1.78 -13.35	46.32 1.55 -12.41	42.31 1.29 -13.58	41.35 1.48 -7.81
ST_LAW_115_BK7_LBMP 345037	36.76 -1.65 0.00	31.09 -0.76 0.00	25.81 -0.94 0.00	28.42 -0.91 0.00	31.91 -0.55 0.00	37.80 -1.01 0.00	42.34 -0.56 0.00	39.94 0.20 0.00	38.08 -0.62 0.00	35.81 -1.69 0.00	33.16 -1.97 0.00	31.30 -1.96 0.00	31.27 -1.75 0.00	31.43 -1.83 0.00	31.36 -1.61 0.00	34.10 -1.53 0.00	35.19 -2.01 0.00	35.19 -2.09 0.00	34.50 -2.60 0.00	32.89 -2.86 0.00	31.72 -2.50 0.00	29.38 -2.98 0.00	25.05 -2.39 0.00	29.70 -2.37 0.00

ST_LAW_115_BK8_LBMP 345038	36.76 -1.65 0.00	31.09 -0.76 0.00	25.81 -0.94 0.00	28.42 -0.91 0.00	31.91 -0.55 0.00	37.80 -1.01 0.00	42.34 -0.56 0.00	39.94 0.20 0.00	38.08 -0.62 0.00	35.81 -1.69 0.00	33.16 -1.97 0.00	31.30 -1.96 0.00	31.27 -1.75 0.00	31.43 -1.83 0.00	31.36 -1.61 0.00	34.10 -1.53 0.00	35.19 -2.01 0.00	35.19 -2.09 0.00	34.50 -2.60 0.00	32.89 -2.86 0.00	31.72 -2.50 0.00	29.38 -2.98 0.00	25.05 -2.39 0.00	29.70 -2.37 0.00
ST_LAW_230_BK5_LBMP 345035	36.76 -1.65 0.00	31.09 -0.76 0.00	25.81 -0.94 0.00	28.42 -0.91 0.00	31.91 -0.55 0.00	37.80 -1.01 0.00	42.34 -0.56 0.00	39.90 0.16 0.00	38.08 -0.62 0.00	35.81 -1.69 0.00	33.20 -1.93 0.00	31.33 -1.93 0.00	31.27 -1.75 0.00	31.43 -1.83 0.00	31.36 -1.61 0.00	34.10 -1.53 0.00	35.19 -2.01 0.00	35.19 -2.09 0.00	34.50 -2.60 0.00	32.89 -2.86 0.00	31.75 -2.46 0.00	29.41 -2.94 0.00	25.08 -2.36 0.00	29.73 -2.34 0.00
ST_LAW_230_BK6_LBMP 345036	36.76 -1.65 0.00	31.09 -0.76 0.00	25.81 -0.94 0.00	28.42 -0.91 0.00	31.91 -0.55 0.00	37.80 -1.01 0.00	42.34 -0.56 0.00	39.90 0.16 0.00	38.08 -0.62 0.00	35.81 -1.69 0.00	33.20 -1.93 0.00	31.33 -1.93 0.00	31.27 -1.75 0.00	31.43 -1.83 0.00	31.36 -1.61 0.00	34.10 -1.53 0.00	35.19 -2.01 0.00	35.19 -2.09 0.00	34.50 -2.60 0.00	32.89 -2.86 0.00	31.75 -2.46 0.00	29.41 -2.94 0.00	25.08 -2.36 0.00	29.73 -2.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.17 1.69 -0.07	37.77 1.31 -4.61	36.07 1.10 -8.23	35.60 1.14 -5.12	37.17 1.27 -3.44	40.28 1.47 0.00	44.61 1.72 0.00	46.15 1.87 -4.55	43.78 2.09 -2.99	39.56 2.06 0.00	37.06 1.93 0.00	39.42 1.83 -4.34	37.42 1.82 -2.58	42.60 1.83 -7.51	41.70 1.85 -6.89	47.30 2.00 -9.68	56.29 2.01 -17.08	63.01 2.01 -23.72	58.11 2.04 -18.97	52.55 2.00 -14.79	48.41 1.85 -12.35	45.48 1.65 -11.48	41.38 1.37 -12.57	40.83 1.54 -7.22
SWANROAD_115KV_TB1 355699	34.58 -3.84 -0.01	29.31 -3.22 -0.67	25.35 -2.59 -1.20	27.26 -2.82 -0.75	29.68 -3.28 -0.50	35.12 -3.69 0.00	38.44 -4.46 0.00	35.55 -4.73 -0.54	34.68 -4.37 -0.36	33.98 -3.53 0.00	31.51 -3.62 0.00	29.70 -3.56 0.00	29.42 -3.63 -0.03	29.68 -3.79 -0.21	29.66 -4.02 -0.71	31.85 -4.31 -0.53	34.03 -4.09 -0.93	35.66 -4.40 -2.78	35.24 -4.08 -2.22	33.59 -3.90 -1.73	31.49 -4.17 -1.45	29.29 -3.69 -0.63	25.81 -3.10 -1.47	29.68 -3.24 -0.85
SYNERGY___BIOGAS 323694	36.11 -2.30 -0.01	30.47 -2.01 -0.62	26.20 -1.66 -1.11	28.32 -1.70 -0.69	30.91 -2.01 -0.47	36.71 -2.10 0.00	40.33 -2.57 0.00	37.66 -2.62 -0.54	36.66 -2.40 -0.36	35.59 -1.91 0.00	33.20 -1.93 0.00	31.20 -2.06 0.00	30.87 -2.18 -0.03	31.15 -2.33 -0.22	31.25 -2.44 -0.72	33.64 -2.53 -0.54	35.87 -2.27 -0.94	37.83 -2.28 -2.82	37.28 -2.08 -2.26	35.66 -1.86 -1.76	33.46 -2.22 -1.47	30.92 -2.07 -0.64	27.13 -1.81 -1.50	31.17 -1.76 -0.86
SYRACUSE___ENERGY_ST1 323597	37.99 -0.42 -0.01	31.90 -0.41 -0.47	27.25 -0.32 -0.83	29.50 -0.35 -0.52	32.42 -0.39 -0.35	38.38 -0.43 0.00	42.47 -0.43 0.00	39.68 -0.52 -0.46	38.46 -0.54 -0.30	37.05 -0.45 0.00	34.74 -0.39 0.00	32.89 -0.37 0.00	32.65 -0.40 -0.02	33.07 -0.37 -0.18	33.22 -0.36 -0.61	36.21 -0.39 -0.98	38.59 -0.33 -1.72	39.38 -0.30 -2.40	38.71 -0.30 -1.92	36.96 -0.29 -1.49	35.19 -0.27 -1.25	33.32 -0.19 -1.16	28.55 -0.16 -1.27	32.61 -0.19 -0.73
SYRACUSE___ENERGY_ST2 323598	37.99 -0.42 -0.01	31.90 -0.41 -0.47	27.25 -0.32 -0.83	29.50 -0.35 -0.52	32.42 -0.39 -0.35	38.38 -0.43 0.00	42.47 -0.43 0.00	39.68 -0.52 -0.46	38.46 -0.54 -0.30	37.05 -0.45 0.00	34.74 -0.39 0.00	32.89 -0.37 0.00	32.65 -0.40 -0.02	33.07 -0.37 -0.18	33.22 -0.36 -0.61	36.21 -0.39 -0.98	38.59 -0.33 -1.72	39.38 -0.30 -2.40	38.71 -0.30 -1.92	36.96 -0.29 -1.49	35.19 -0.27 -1.25	33.32 -0.19 -1.16	28.55 -0.16 -1.27	32.61 -0.19 -0.73
SYRACUSE___POWER 24017	37.92 -0.50 -0.01	31.89 -0.45 -0.49	27.24 -0.37 -0.87	29.46 -0.41 -0.54	32.37 -0.45 -0.36	38.34 -0.47 0.00	42.43 -0.47 0.00	39.67 -0.56 -0.48	38.43 -0.58 -0.32	37.01 -0.49 0.00	34.67 -0.46 0.00	32.83 -0.43 0.00	32.61 -0.43 -0.02	33.05 -0.40 -0.19	33.18 -0.43 -0.64	36.44 -0.43 -1.23	39.01 -0.37 -2.18	39.46 -0.34 -2.51	38.77 -0.33 -2.01	37.00 -0.32 -1.57	35.18 -0.34 -1.31	33.59 -0.23 -1.46	28.55 -0.22 -1.33	32.58 -0.26 -0.77
TALLMAN___138KV_BK151 55660	40.32 1.84 -0.07	37.99 1.40 -4.74	36.41 1.20 -8.46	35.83 1.23 -5.27	37.36 1.36 -3.54	40.40 1.59 0.00	44.74 1.84 0.00	46.44 2.03 -4.67	44.10 2.32 -3.08	39.83 2.33 0.00	37.34 2.21 0.00	40.57 2.10 -5.22	38.14 2.05 -3.07	44.04 2.06 -8.72	42.28 2.08 -7.23	47.79 2.21 -9.95	56.99 2.23 -17.56	63.87 2.20 -24.39	58.83 2.23 -19.51	53.18 2.22 -15.21	48.93 2.02 -12.70	45.94 1.78 -11.81	41.84 1.48 -12.92	41.16 1.67 -7.43
TEALLAVE_115KV_TB7 355573	37.76 -0.65 -0.01	31.72 -0.54 -0.41	27.02 -0.45 -0.73	29.32 -0.47 -0.45	32.21 -0.55 -0.30	38.19 -0.62 0.00	42.26 -0.64 0.00	39.39 -0.76 -0.40	38.23 -0.74 -0.26	36.86 -0.64 0.00	34.57 -0.56 0.00	32.73 -0.53 0.00	32.51 -0.53 -0.02	32.89 -0.53 -0.16	32.97 -0.53 -0.53	35.91 -0.57 -0.85	38.19 -0.52 -1.51	38.85 -0.52 -2.09	38.25 -0.52 -1.68	36.56 -0.50 -1.31	34.83 -0.48 -1.09	33.01 -0.36 -1.01	28.22 -0.33 -1.11	32.32 -0.38 -0.64
TELGRAPH_34_KV_EAST 80808	35.50 -2.92 -0.01	30.01 -2.48 -0.64	25.88 -2.01 -1.14	27.90 -2.14 -0.71	30.44 -2.50 -0.48	36.13 -2.68 0.00	39.60 -3.30 0.00	36.83 -3.46 -0.54	35.92 -3.13 -0.36	34.99 -2.51 0.00	32.49 -2.63 0.00	30.63 -2.63 0.00	30.34 -2.71 -0.03	30.62 -2.86 -0.22	30.65 -3.03 -0.72	32.92 -3.24 -0.54	35.12 -3.01 -0.94	36.96 -3.13 -2.81	36.49 -2.86 -2.25	34.83 -2.68 -1.75	32.67 -3.01 -1.47	30.27 -2.72 -0.63	26.63 -2.31 -1.49	30.59 -2.34 -0.86
TEMPLE___115KV_TB 2 55572	37.80 -0.61 -0.01	31.72 -0.54 -0.41	27.05 -0.43 -0.74	29.32 -0.47 -0.46	32.21 -0.55 -0.31	38.19 -0.62 0.00	42.26 -0.64 0.00	39.43 -0.72 -0.41	38.27 -0.70 -0.27	36.90 -0.60 0.00	34.57 -0.56 0.00	32.73 -0.53 0.00	32.51 -0.53 -0.02	32.92 -0.50 -0.16	33.02 -0.49 -0.54	35.93 -0.57 -0.87	38.21 -0.52 -1.53	38.88 -0.52 -2.12	38.31 -0.48 -1.70	36.62 -0.46 -1.32	34.84 -0.48 -1.11	33.02 -0.36 -1.03	28.26 -0.30 -1.13	32.36 -0.35 -0.65
TIANA____69_KV_BK 1 55817	41.55 3.07 -0.07	39.05 2.29 -4.91	37.11 1.60 -8.76	36.57 1.79 -5.45	38.00 1.88 -3.66	41.18 2.37 0.00	46.03 3.13 0.00	48.24 3.66 -4.85	45.44 3.56 -3.19	40.76 3.26 0.00	38.54 3.41 -0.01	40.16 3.23 -3.67	38.39 3.14 -2.23	44.01 3.13 -7.62	45.24 3.20 -9.07	54.13 3.17 -15.33	69.13 3.31 -28.62	72.47 3.36 -31.83	70.41 3.41 -29.90	63.97 3.36 -24.86	62.92 3.01 -25.69	59.33 2.78 -24.20	49.97 2.50 -20.03	44.53 2.95 -9.52
TILDEN___115KV_TB1 80814	37.92 -0.50 -0.01	31.89 -0.45 -0.49	27.24 -0.37 -0.87	29.46 -0.41 -0.54	32.37 -0.45 -0.36	38.34 -0.47 0.00	42.43 -0.47 0.00	39.67 -0.56 -0.48	38.43 -0.58 -0.32	37.01 -0.49 0.00	34.67 -0.46 0.00	32.83 -0.43 0.00	32.61 -0.43 -0.02	33.05 -0.40 -0.19	33.18 -0.43 -0.64	36.44 -0.43 -1.23	39.01 -0.37 -2.18	39.46 -0.34 -2.51	38.77 -0.33 -2.01	37.00 -0.32 -1.57	35.18 -0.34 -1.31	33.59 -0.23 -1.46	28.55 -0.22 -1.33	32.58 -0.26 -0.77

TRIGEN__CC 323695	40.90 2.42 -0.07	38.57 1.82 -4.91	36.84 1.34 -8.76	36.22 1.44 -5.45	37.68 1.56 -3.66	40.71 1.90 0.00	45.30 2.40 0.00	47.34 2.74 -4.85	44.71 2.82 -3.19	40.20 2.70 0.00	37.88 2.74 -0.02	39.53 2.59 -3.68	37.80 2.54 -2.24	44.05 2.49 -8.30	46.06 2.54 -10.55	57.53 2.71 -19.19	76.50 2.68 -36.63	76.77 2.61 -36.88	77.07 2.63 -37.34	70.25 2.65 -31.85	71.93 2.40 -35.32	67.94 2.20 -33.39	54.50 1.92 -25.13	45.13 2.15 -10.92
TRINITY__115KV__ 4 BK 55933	39.72 1.23 -0.08	38.70 1.02 -5.83	38.01 0.86 -10.41	36.81 1.00 -6.48	37.88 1.07 -4.36	40.05 1.24 0.00	43.97 1.07 0.00	46.57 1.07 -5.76	43.49 1.01 -3.79	38.55 1.05 0.00	36.22 1.09 0.00	35.55 1.06 -1.23	35.00 1.06 -0.92	38.18 1.03 -3.89	41.79 0.96 -7.86	48.66 0.78 -12.24	59.59 0.78 -21.61	68.13 0.82 -30.03	61.89 0.78 -24.02	55.24 0.75 -18.73	50.57 0.72 -15.64	47.46 0.58 -14.53	43.90 0.55 -15.91	41.82 0.61 -9.15
UNION__PROCESSING_DRP 323587	36.34 -2.07 -0.01	30.90 -1.50 -0.55	26.49 -1.23 -0.98	28.65 -1.29 -0.61	31.37 -1.49 -0.41	36.95 -1.86 0.00	40.62 -2.27 0.00	38.14 -2.15 -0.55	37.16 -1.90 -0.36	35.74 -1.76 0.00	33.34 -1.79 0.00	31.53 -1.73 0.00	31.29 -1.75 -0.02	31.75 -1.73 -0.22	31.88 -1.81 -0.73	34.23 -1.96 -0.56	36.43 -1.75 -0.98	38.32 -1.83 -2.86	37.72 -1.67 -2.29	36.04 -1.50 -1.79	33.96 -1.75 -1.49	31.43 -1.59 -0.66	27.61 -1.34 -1.52	31.66 -1.28 -0.87
UPPER HUDSON__HYD 24058	40.72 2.23 -0.09	39.77 1.91 -6.01	38.99 1.52 -10.73	37.74 1.73 -6.68	38.89 1.95 -4.49	41.22 2.41 0.00	45.65 2.75 0.00	48.37 2.70 -5.93	45.00 2.40 -3.91	39.67 2.17 0.00	37.09 1.97 0.00	36.23 1.86 -1.11	35.73 1.85 -0.86	38.92 1.86 -3.80	42.86 1.81 -8.07	50.38 2.14 -12.62	61.88 2.42 -22.27	70.72 2.50 -30.95	64.33 2.49 -24.75	57.34 2.29 -19.30	52.48 2.16 -16.11	49.26 1.94 -14.97	45.51 1.67 -16.39	43.38 1.89 -9.43
UPPER RAQUET__HYD 24056	37.22 -1.19 0.00	31.57 -0.38 -0.10	26.26 -0.67 -0.18	28.83 -0.62 -0.11	32.31 -0.23 -0.08	38.27 -0.54 0.00	42.90 0.00 0.00	40.64 0.79 -0.10	38.61 -0.15 -0.07	36.22 -1.28 0.00	33.51 -1.62 0.00	31.60 -1.66 0.00	31.54 -1.49 0.00	31.77 -1.53 -0.04	31.78 -1.32 -0.13	34.78 -1.07 -0.21	36.12 -1.45 -0.38	36.35 -1.45 -0.52	35.55 -1.97 -0.42	33.83 -2.25 -0.33	32.64 -1.85 -0.27	30.14 -2.46 -0.25	25.69 -2.03 -0.28	30.27 -1.96 -0.16
VALLEY44_115KV_TB2 355964	36.15 -2.27 -0.01	29.09 -3.57 -0.80	25.34 -2.83 -1.43	27.06 -3.17 -0.89	29.42 -3.64 -0.60	36.71 -2.10 0.00	40.37 -2.53 0.00	36.84 -3.58 -0.68	35.74 -3.41 -0.45	36.08 -1.43 0.00	33.51 -1.62 0.00	31.40 -1.86 0.00	30.68 -2.38 -0.03	30.44 -3.09 -0.27	30.74 -3.13 -0.90	32.79 -3.35 -0.50	34.39 -3.68 -0.87	37.78 -3.02 -3.52	36.91 -3.00 -2.82	34.95 -3.00 -2.20	33.14 -2.91 -1.84	29.90 -3.04 -0.59	26.59 -2.72 -1.87	29.75 -3.40 -1.08
VALLEY__115KV_TB 1-4 80826	38.91 0.50 0.00	32.27 0.41 0.00	27.07 0.32 0.00	29.66 0.32 0.00	32.85 0.39 0.00	39.35 0.54 0.00	43.50 0.60 0.00	40.38 0.64 0.00	39.36 0.66 0.00	38.14 0.64 0.00	35.69 0.56 0.00	33.72 0.47 0.00	33.52 0.50 0.00	33.79 0.53 0.00	33.50 0.53 0.00	36.27 0.64 0.00	37.87 0.67 0.00	37.88 0.60 0.00	37.58 0.48 0.00	36.15 0.39 0.00	34.59 0.38 0.00	32.61 0.26 0.00	27.69 0.25 0.00	32.32 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.05 1.61 -0.03	35.10 1.24 -2.00	31.29 0.96 -3.58	32.59 1.03 -2.23	35.09 1.14 -1.50	40.40 1.59 0.00	44.66 1.76 0.00	43.46 1.75 -1.97	41.85 1.86 -1.30	39.38 1.88 0.00	36.85 1.72 0.00	34.13 1.53 0.65	34.40 1.65 0.28	34.87 1.70 0.09	37.16 1.71 -2.47	42.05 2.03 -4.39	47.11 2.16 -7.75	49.75 2.20 -10.27	47.38 2.08 -8.21	44.13 1.97 -6.40	41.51 1.95 -5.35	39.21 1.65 -5.21	34.20 1.32 -5.44	36.67 1.48 -3.13
VISCHER__FERRY HYD 24020	39.99 1.50 -0.09	38.99 1.24 -5.90	38.32 1.04 -10.53	37.06 1.17 -6.55	38.16 1.30 -4.41	40.36 1.55 0.00	44.62 1.72 0.00	47.27 1.71 -5.82	44.16 1.62 -3.83	39.00 1.50 0.00	36.50 1.37 0.00	35.84 1.36 -1.22	35.29 1.35 -0.92	38.52 1.36 -3.90	42.24 1.32 -7.95	49.47 1.46 -12.38	60.66 1.60 -21.86	69.30 1.64 -30.38	63.02 1.63 -24.29	56.17 1.47 -18.94	51.47 1.44 -15.81	48.31 1.26 -14.70	44.60 1.07 -16.09	42.57 1.25 -9.25
V_A_10_SYNC_DSASP 323832	35.38 -3.04 -0.01	30.19 -2.26 -0.60	26.00 -1.82 -1.07	28.04 -1.97 -0.67	30.60 -2.30 -0.45	35.86 -2.95 0.00	39.34 -3.56 0.00	36.86 -3.54 -0.66	35.92 -3.21 -0.43	34.73 -2.77 0.00	32.42 -2.70 0.00	30.50 -2.76 0.00	30.24 -2.81 -0.02	30.76 -2.76 -0.26	30.91 -2.93 -0.87	32.98 -3.21 -0.55	35.27 -2.90 -0.97	37.45 -3.28 -3.45	36.89 -2.97 -2.76	35.12 -2.79 -2.15	32.90 -3.11 -1.80	30.32 -2.68 -0.66	27.02 -2.25 -1.83	30.94 -2.18 -1.05
V_CMM_10_SYNC_DSASP 323787	36.95 -1.46 0.00	31.28 -0.57 0.00	25.94 -0.80 0.00	28.57 -0.76 0.00	32.07 -0.39 0.00	37.99 -0.82 0.00	42.55 -0.34 0.00	40.18 0.44 0.00	38.27 -0.42 0.00	36.00 -1.50 0.00	33.34 -1.79 0.00	31.46 -1.80 0.00	31.40 -1.62 0.00	31.60 -1.66 0.00	31.52 -1.45 0.00	34.31 -1.32 0.00	35.38 -1.82 0.00	35.38 -1.90 0.00	34.68 -2.41 0.00	33.07 -2.68 0.00	31.92 -2.29 0.00	29.54 -2.81 0.00	25.19 -2.25 0.00	29.86 -2.21 0.00
V_CMP_10_SYNC_DSASP 323788	36.99 -1.42 0.00	31.34 -0.51 0.00	26.00 -0.75 0.00	28.63 -0.70 0.00	32.30 -0.16 0.00	38.34 -0.46 0.00	43.07 0.17 0.00	40.77 1.03 0.00	38.85 0.16 0.00	36.52 -0.98 0.00	33.79 -1.33 0.00	31.86 -1.40 0.00	31.77 -1.25 0.00	31.93 -1.33 0.00	31.88 -1.09 0.00	34.77 -0.86 0.00	35.82 -1.38 0.00	35.75 -1.53 0.00	34.94 -2.15 0.00	33.22 -2.54 0.00	31.99 -2.22 0.00	29.54 -2.81 0.00	25.16 -2.28 0.00	29.86 -2.21 0.00
V_D_10_SYNC_DSASP 323841	37.18 -1.23 0.00	31.51 -0.41 -0.08	26.21 -0.67 -0.13	28.80 -0.62 -0.08	32.29 -0.23 -0.06	38.23 -0.58 0.00	42.81 -0.09 0.00	40.49 0.67 -0.07	38.55 -0.19 -0.05	36.19 -1.31 0.00	33.51 -1.62 0.00	31.63 -1.63 0.00	31.57 -1.45 0.00	31.76 -1.53 -0.03	31.75 -1.32 -0.10	34.65 -1.14 -0.16	35.88 -1.60 -0.28	35.99 -1.68 -0.39	35.22 -2.19 -0.31	33.53 -2.47 -0.24	32.37 -2.05 -0.20	29.92 -2.62 -0.19	25.53 -2.11 -0.21	30.17 -2.02 -0.12
V_E_10_SYNC_DSASP 323830	40.85 2.42 -0.02	35.04 1.75 -1.44	30.65 1.34 -2.57	32.40 1.47 -1.60	35.12 1.59 -1.07	41.33 2.52 0.00	45.77 2.87 0.00	43.92 2.78 -1.40	42.29 2.67 -0.92	40.09 2.59 0.00	37.34 2.21 0.00	34.67 1.89 0.48	34.90 2.08 0.21	35.34 2.16 0.08	37.00 2.27 -1.76	43.04 2.92 -4.48	48.56 3.42 -7.94	48.21 3.62 -7.32	46.29 3.34 -5.85	43.32 3.00 -4.56	41.07 3.04 -3.81	40.14 2.46 -5.33	33.21 1.89 -3.88	36.38 2.08 -2.23
V_F_30_NSYNC__DSASP 323816	40.38 1.88 -0.09	39.47 1.62 -5.99	38.75 1.31 -10.70	37.46 1.47 -6.66	38.59 1.65 -4.48	40.83 2.02 0.00	45.13 2.23 0.00	47.84 2.18 -5.91	44.60 2.01 -3.90	39.34 1.84 0.00	36.78 1.65 0.00	36.01 1.63 -1.12	35.51 1.62 -0.87	38.70 1.63 -3.81	42.64 1.62 -8.06	50.06 1.85 -12.58	61.49 2.08 -22.21	70.27 2.12 -30.87	63.89 2.11 -24.69	56.97 1.97 -19.25	52.13 1.85 -16.07	48.96 1.68 -14.93	45.22 1.43 -16.35	43.07 1.60 -9.40

V_F_30_SYNC_DSASP 323786	39.84 1.34 -0.08	38.84 1.11 -5.87	38.17 0.94 -10.49	36.95 1.09 -6.53	38.01 1.17 -4.39	40.21 1.40 0.00	44.10 1.20 0.00	46.73 1.19 -5.80	43.64 1.12 -3.82	38.66 1.16 0.00	36.29 1.16 0.00	35.62 1.16 -1.20	35.12 1.19 -0.91	38.26 1.13 -3.87	41.94 1.06 -7.91	48.85 0.89 -12.33	59.90 0.93 -21.77	68.46 0.93 -30.25	62.22 0.93 -24.19	55.48 0.86 -18.86	50.79 0.82 -15.75	47.67 0.68 -14.64	44.07 0.60 -16.03	41.96 0.67 -9.21
V_XM_10_SYNC_DSASP 323789	36.99 -1.42 0.00	31.34 -0.51 0.00	26.00 -0.75 0.00	28.63 -0.70 0.00	32.30 -0.16 0.00	38.34 -0.46 0.00	43.07 0.17 0.00	40.77 1.03 0.00	38.85 0.16 0.00	36.52 -0.98 0.00	33.79 -1.33 0.00	31.86 -1.40 0.00	31.77 -1.25 0.00	31.93 -1.33 0.00	31.88 -1.09 0.00	34.77 -0.86 0.00	35.82 -1.38 0.00	35.75 -1.53 0.00	34.94 -2.15 0.00	33.22 -2.54 0.00	31.99 -2.22 0.00	29.54 -2.81 0.00	25.16 -2.28 0.00	29.86 -2.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.40 1.92 -0.07	38.11 1.50 -4.76	36.53 1.28 -8.50	35.95 1.32 -5.29	37.48 1.46 -3.56	40.52 1.71 0.00	44.87 1.97 0.00	46.58 2.15 -4.70	44.19 2.40 -3.09	39.90 2.40 0.00	37.41 2.28 0.00	40.23 2.16 -4.81	37.98 2.11 -2.85	43.58 2.13 -8.19	42.30 2.14 -7.18	47.95 2.32 -10.00	57.20 2.34 -17.65	64.15 2.35 -24.52	59.08 2.37 -19.61	53.37 2.32 -15.29	49.10 2.12 -12.76	46.10 1.88 -11.87	41.99 1.56 -12.99	41.30 1.76 -7.47
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.75 2.27 -0.07	38.51 1.75 -4.91	36.94 1.44 -8.76	36.28 1.50 -5.45	37.81 1.69 -3.66	40.75 1.94 0.00	45.13 2.23 0.00	47.04 2.46 -4.84	44.59 2.71 -3.19	40.20 2.70 0.00	37.76 2.63 0.00	39.46 2.53 -3.68	37.73 2.48 -2.23	42.47 2.46 -6.75	42.55 2.44 -7.14	48.56 2.64 -10.30	58.02 2.64 -18.18	65.10 2.57 -25.24	59.84 2.56 -20.19	54.07 2.57 -15.74	49.65 2.29 -13.14	46.71 2.14 -12.22	42.60 1.78 -13.37	41.75 1.99 -7.69
W50THST__13_KV_LOAD 356117	40.86 2.38 -0.07	38.60 1.85 -4.91	37.05 1.55 -8.76	36.40 1.61 -5.45	37.91 1.79 -3.66	40.90 2.10 0.00	45.30 2.40 0.00	47.20 2.62 -4.84	44.79 2.90 -3.19	40.39 2.89 0.00	37.94 2.81 0.00	39.63 2.69 -3.68	37.89 2.64 -2.23	42.64 2.63 -6.75	42.72 2.60 -7.14	48.78 2.85 -10.30	58.20 2.83 -18.18	65.28 2.76 -25.24	60.03 2.75 -20.19	54.25 2.75 -15.74	49.82 2.46 -13.14	46.84 2.26 -12.22	42.71 1.89 -13.37	41.87 2.12 -7.69
WADING RIVER_IC_1 23522	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.97 1.85 -3.66	41.14 2.33 0.00	45.94 3.05 0.00	48.17 3.58 -4.85	45.37 3.48 -3.19	40.76 3.26 0.00	38.40 3.27 -0.01	40.06 3.13 -3.67	38.29 3.04 -2.23	43.91 3.03 -7.62	45.14 3.10 -9.07	53.99 3.03 -15.33	68.94 3.13 -28.61	72.28 3.17 -31.83	70.22 3.23 -29.90	63.79 3.18 -24.85	62.78 2.87 -25.69	59.16 2.62 -24.19	49.94 2.47 -20.03	44.47 2.89 -9.51
WADING RIVER_IC_2 23547	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.97 1.85 -3.66	41.14 2.33 0.00	45.94 3.05 0.00	48.17 3.58 -4.85	45.37 3.48 -3.19	40.76 3.26 0.00	38.40 3.27 -0.01	40.06 3.13 -3.67	38.29 3.04 -2.23	43.91 3.03 -7.62	45.14 3.10 -9.07	53.99 3.03 -15.33	68.94 3.13 -28.61	72.28 3.17 -31.83	70.22 3.23 -29.90	63.79 3.18 -24.85	62.78 2.87 -25.69	59.16 2.62 -24.19	49.94 2.47 -20.03	44.47 2.89 -9.51
WADING RIVER_IC_3 23601	41.48 3.00 -0.07	38.99 2.23 -4.91	37.11 1.60 -8.76	36.51 1.73 -5.45	37.97 1.85 -3.66	41.14 2.33 0.00	45.94 3.05 0.00	48.17 3.58 -4.85	45.37 3.48 -3.19	40.76 3.26 0.00	38.40 3.27 -0.01	40.06 3.13 -3.67	38.29 3.04 -2.23	43.91 3.03 -7.62	45.14 3.10 -9.07	53.99 3.03 -15.33	68.94 3.13 -28.61	72.28 3.17 -31.83	70.22 3.23 -29.90	63.79 3.18 -24.85	62.78 2.87 -25.69	59.16 2.62 -24.19	49.94 2.47 -20.03	44.47 2.89 -9.51
WALDENNY_12_KV_BK2 80841	35.85 -2.57 -0.01	29.93 -2.64 -0.72	25.92 -2.11 -1.28	27.84 -2.29 -0.80	30.30 -2.69 -0.54	36.36 -2.44 0.00	39.90 -3.00 0.00	36.82 -3.50 -0.58	35.87 -3.21 -0.38	35.33 -2.18 0.00	32.81 -2.32 0.00	30.86 -2.39 0.00	30.44 -2.61 -0.03	30.60 -2.89 -0.23	30.67 -3.07 -0.77	32.87 -3.28 -0.51	34.89 -3.20 -0.89	37.15 -3.13 -3.01	36.57 -2.93 -2.41	34.77 -2.86 -1.88	32.70 -3.08 -1.57	30.11 -2.85 -0.61	26.62 -2.41 -1.60	30.39 -2.60 -0.92
WALDEN__HYDRO 24148	40.36 1.88 -0.07	38.07 1.43 -4.79	36.53 1.23 -8.55	35.95 1.29 -5.32	37.46 1.43 -3.58	40.52 1.71 0.00	44.87 1.97 0.00	46.49 2.03 -4.72	44.09 2.28 -3.11	39.71 2.21 0.00	37.17 2.04 0.00	39.43 1.93 -4.24	37.47 1.92 -2.54	42.64 1.93 -7.45	42.05 1.98 -7.10	47.89 2.21 -10.06	57.18 2.23 -17.75	64.17 2.24 -24.65	59.07 2.26 -19.71	53.34 2.22 -15.37	49.10 2.05 -12.83	46.13 1.84 -11.93	42.01 1.51 -13.06	41.31 1.73 -7.51
WARRENSBURG____ 23737	40.72 2.23 -0.09	39.77 1.91 -6.01	38.99 1.52 -10.73	37.74 1.73 -6.68	38.89 1.95 -4.49	41.22 2.41 0.00	45.65 2.75 0.00	48.37 2.70 -5.93	45.00 2.40 -3.91	39.67 2.17 0.00	37.09 1.97 0.00	36.23 1.86 -1.11	35.73 1.85 -0.86	38.92 1.86 -3.80	42.86 1.81 -8.07	50.38 2.14 -12.62	61.88 2.42 -22.27	70.72 2.50 -30.95	64.33 2.49 -24.75	57.34 2.29 -19.30	52.48 2.16 -16.11	49.26 1.94 -14.97	45.51 1.67 -16.39	43.38 1.89 -9.43
WATERSIDE____6 8 9 23538	40.82 2.34 -0.07	38.54 1.78 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.71 1.90 0.00	45.00 2.10 0.00	46.96 2.38 -4.84	44.55 2.67 -3.19	40.16 2.66 0.00	37.73 2.60 0.00	39.42 2.49 -3.67	37.69 2.44 -2.23	42.40 2.39 -6.74	42.52 2.41 -7.14	48.53 2.60 -10.30	57.91 2.53 -18.18	64.95 2.42 -25.25	59.77 2.49 -20.19	54.04 2.54 -15.74	49.58 2.22 -13.14	46.64 2.07 -12.22	42.57 1.76 -13.38	41.75 1.99 -7.69
WATKINRD_115KV_LN8_ILLION 55919	38.83 0.42 0.00	32.20 0.35 0.00	27.01 0.27 0.00	29.63 0.29 0.00	32.82 0.36 0.00	39.27 0.47 0.00	43.37 0.47 0.00	40.26 0.52 0.00	39.16 0.46 0.00	37.95 0.45 0.00	35.55 0.42 0.00	33.62 0.37 0.00	33.39 0.36 0.00	33.66 0.40 0.00	33.37 0.40 0.00	36.09 0.46 0.00	37.68 0.48 0.00	37.73 0.45 0.00	37.50 0.41 0.00	36.08 0.32 0.00	34.56 0.34 0.00	32.58 0.23 0.00	27.66 0.22 0.00	32.32 0.26 0.00
WATSON__69_KV_BK 1 55734	41.63 3.15 -0.07	39.15 2.39 -4.91	37.21 1.71 -8.76	36.66 1.88 -5.45	38.13 2.01 -3.66	41.33 2.52 0.00	46.16 3.26 0.00	48.28 3.70 -4.85	45.48 3.60 -3.19	40.84 3.34 0.00	38.61 3.48 -0.01	40.19 3.26 -3.67	38.42 3.17 -2.23	44.10 3.19 -7.65	45.37 3.26 -9.13	54.62 3.49 -15.50	69.73 3.57 -28.96	72.87 3.54 -32.05	70.91 3.60 -30.22	64.49 3.58 -25.16	63.57 3.25 -26.10	59.95 3.01 -24.59	50.27 2.58 -20.25	44.59 2.95 -9.58
WDELAWARE__HYD 323627	40.01 1.54 -0.06	37.29 1.11 -4.32	35.43 0.96 -7.72	35.10 0.97 -4.81	36.79 1.10 -3.23	40.20 1.40 0.00	44.57 1.67 0.00	45.67 1.67 -4.26	43.36 1.86 -2.81	39.26 1.76 0.00	36.64 1.51 0.00	35.26 1.46 -0.54	34.95 1.45 -0.48	37.15 1.50 -2.40	40.31 1.58 -5.75	46.56 1.85 -9.08	55.16 1.93 -16.03	61.51 1.97 -22.25	56.86 1.96 -17.80	51.56 1.93 -13.88	47.61 1.81 -11.59	44.71 1.58 -10.77	40.52 1.29 -11.79	40.35 1.51 -6.78

WEST BABYLON___IC 23714	41.51 3.03 -0.07	39.08 2.33 -4.91	37.16 1.66 -8.76	36.60 1.82 -5.45	38.07 1.95 -3.66	41.21 2.41 0.00	46.03 3.13 0.00	48.13 3.54 -4.85	45.37 3.48 -3.19	40.73 3.23 0.00	38.51 3.37 -0.01	40.06 3.13 -3.67	38.33 3.07 -2.23	44.03 3.06 -7.71	45.37 3.13 -9.27	54.87 3.38 -15.85	70.32 3.42 -29.70	73.19 3.39 -32.51	71.41 3.41 -30.90	64.95 3.40 -25.80	64.28 3.08 -26.99	60.67 2.88 -25.44	50.60 2.44 -20.72	44.56 2.79 -9.70
WEST CANADA___HYD 24049	38.52 0.12 0.00	31.95 0.10 0.00	26.83 0.08 0.00	29.42 0.09 0.00	32.56 0.10 0.00	38.93 0.12 0.00	43.03 0.13 0.00	39.90 0.16 0.00	38.81 0.12 0.00	37.58 0.08 0.00	35.20 0.07 0.00	33.29 0.03 0.00	33.09 0.07 0.00	33.33 0.07 0.00	33.04 0.07 0.00	35.70 0.07 0.00	37.27 0.07 0.00	37.35 0.07 0.00	37.13 0.04 0.00	35.79 0.04 0.00	34.25 0.03 0.00	32.35 0.00 0.00	27.44 0.00 0.00	32.10 0.03 0.00
WESTERN_NY_WIND 24143	36.00 -2.42 -0.01	30.41 -2.07 -0.63	26.16 -1.71 -1.12	28.27 -1.76 -0.70	30.85 -2.08 -0.47	36.67 -2.13 0.00	40.24 -2.66 0.00	37.58 -2.70 -0.54	36.62 -2.44 -0.36	35.51 -1.99 0.00	32.99 -2.14 0.00	31.13 -2.13 0.00	30.80 -2.25 -0.03	31.08 -2.39 -0.22	31.18 -2.51 -0.72	33.53 -2.64 -0.54	35.76 -2.38 -0.94	37.71 -2.39 -2.82	37.20 -2.15 -2.25	35.55 -1.97 -1.76	33.36 -2.33 -1.47	30.82 -2.17 -0.64	27.07 -1.87 -1.49	31.10 -1.83 -0.86
WESTOVER___LESR 323668	38.43 0.00 -0.02	33.13 -0.22 -1.50	29.26 -0.16 -2.68	30.82 -0.18 -1.67	33.35 -0.23 -1.12	38.85 0.04 0.00	42.94 0.04 0.00	41.12 -0.08 -1.46	39.66 0.00 -0.96	37.80 0.30 0.00	35.30 0.18 0.00	32.84 0.10 0.51	32.83 0.03 0.22	33.12 -0.03 0.10	34.77 -0.03 -1.83	38.78 0.00 -3.15	42.80 0.04 -5.56	45.04 0.15 -7.61	43.36 0.19 -6.08	40.61 0.11 -4.74	38.25 0.07 -3.96	36.12 0.03 -3.74	31.44 -0.03 -4.03	34.32 -0.06 -2.32
WETHRSFD_WT_PWR 323626	36.04 -2.38 -0.01	30.23 -2.45 -0.83	26.28 -1.95 -1.48	28.14 -2.11 -0.92	30.64 -2.43 -0.62	36.56 -2.25 0.00	40.20 -2.70 0.00	37.36 -3.10 -0.72	36.27 -2.90 -0.47	35.51 -1.99 0.00	32.98 -2.14 0.00	30.90 -2.36 0.00	30.45 -2.61 -0.03	30.68 -2.86 -0.29	30.89 -3.03 -0.95	32.73 -3.24 -0.34	34.62 -3.16 -0.58	37.99 -3.02 -3.73	37.29 -2.78 -2.98	35.36 -2.72 -2.33	33.25 -2.91 -1.94	29.94 -2.81 -0.40	27.06 -2.36 -1.98	30.58 -2.63 -1.14
WHAVSTOR_138KV_BK127 55557	40.28 1.81 -0.07	38.02 1.40 -4.77	36.46 1.20 -8.51	35.86 1.23 -5.30	37.38 1.36 -3.56	40.40 1.59 0.00	44.74 1.84 0.00	46.47 2.03 -4.70	44.08 2.28 -3.10	39.79 2.29 0.00	37.31 2.18 0.00	40.08 2.06 -4.76	37.86 2.01 -2.82	43.41 2.03 -8.12	42.19 2.04 -7.18	47.85 2.21 -10.01	57.07 2.19 -17.67	64.02 2.20 -24.54	58.95 2.23 -19.63	53.24 2.18 -15.31	48.98 1.98 -12.78	46.01 1.78 -11.88	41.93 1.48 -13.00	41.21 1.67 -7.48
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.28 1.81 -0.07	38.02 1.40 -4.77	36.46 1.20 -8.51	35.86 1.23 -5.30	37.38 1.36 -3.56	40.40 1.59 0.00	44.74 1.84 0.00	46.47 2.03 -4.70	44.08 2.28 -3.10	39.79 2.29 0.00	37.31 2.18 0.00	40.08 2.06 -4.76	37.86 2.01 -2.82	43.41 2.03 -8.12	42.19 2.04 -7.18	47.85 2.21 -10.01	57.07 2.19 -17.67	64.02 2.20 -24.54	58.95 2.23 -19.63	53.24 2.18 -15.31	48.98 1.98 -12.78	46.01 1.78 -11.88	41.93 1.48 -13.00	41.21 1.67 -7.48
WHITEHAL_115KV_TB1 80871	41.26 2.77 -0.09	40.24 2.39 -6.00	39.33 1.87 -10.71	38.11 2.11 -6.67	39.34 2.40 -4.48	41.84 3.03 0.00	46.33 3.43 0.00	49.04 3.38 -5.92	45.54 2.94 -3.90	40.16 2.66 0.00	37.48 2.35 0.00	36.64 2.26 -1.12	36.13 2.25 -0.86	39.32 2.26 -3.80	43.21 2.18 -8.07	50.87 2.64 -12.60	62.49 3.05 -22.24	71.40 3.21 -30.91	65.04 3.23 -24.72	57.96 2.93 -19.28	53.05 2.74 -16.09	49.80 2.49 -14.96	45.90 2.09 -16.38	43.86 2.37 -9.42
WHITEPLN_13_KV_LOAD 356215	40.82 2.34 -0.07	38.60 1.85 -4.90	37.01 1.52 -8.74	36.36 1.58 -5.44	37.90 1.79 -3.66	40.87 2.06 0.00	45.34 2.45 0.00	47.23 2.66 -4.83	44.78 2.90 -3.18	40.39 2.89 0.00	37.83 2.70 0.00	39.56 2.56 -3.74	37.83 2.54 -2.27	42.66 2.56 -6.84	42.69 2.57 -7.14	48.73 2.81 -10.28	58.21 2.86 -18.15	65.28 2.80 -25.20	60.07 2.82 -20.16	54.26 2.79 -15.72	49.83 2.50 -13.12	46.85 2.30 -12.20	42.71 1.92 -13.35	41.83 2.08 -7.68
WM_FLOYD_69_KV_BK2 356380	41.44 2.96 -0.07	38.99 2.23 -4.91	37.05 1.55 -8.76	36.52 1.73 -5.45	37.94 1.82 -3.66	41.10 2.29 0.00	45.94 3.05 0.00	48.13 3.54 -4.85	45.33 3.44 -3.19	40.61 3.11 0.00	38.40 3.27 -0.01	39.99 3.06 -3.67	38.23 2.97 -2.23	43.84 2.96 -7.62	45.11 3.07 -9.07	54.11 3.14 -15.34	69.07 3.24 -28.64	72.37 3.24 -31.84	70.31 3.30 -29.91	63.88 3.25 -24.87	62.87 2.94 -25.71	59.29 2.72 -24.22	49.92 2.44 -20.04	44.41 2.82 -9.52
WOODARD___115KV_TB2 355635	37.72 -0.69 -0.01	31.69 -0.57 -0.41	27.03 -0.45 -0.74	29.29 -0.50 -0.46	32.18 -0.58 -0.31	38.15 -0.66 0.00	42.21 -0.69 0.00	39.35 -0.79 -0.41	38.19 -0.77 -0.27	36.83 -0.68 0.00	34.50 -0.63 0.00	32.66 -0.60 0.00	32.44 -0.59 -0.02	32.86 -0.57 -0.16	32.95 -0.56 -0.54	35.86 -0.64 -0.87	38.14 -0.60 -1.53	38.82 -0.60 -2.13	38.24 -0.56 -1.71	36.55 -0.54 -1.33	34.78 -0.55 -1.11	32.99 -0.39 -1.03	28.21 -0.36 -1.13	32.30 -0.42 -0.65
YORK___WARBASSE 23770	40.86 2.38 -0.07	38.57 1.82 -4.91	37.00 1.50 -8.76	36.31 1.53 -5.45	37.81 1.69 -3.66	40.67 1.86 0.00	45.00 2.10 0.00	46.92 2.34 -4.84	44.48 2.59 -3.19	40.09 2.59 0.00	37.66 2.53 0.00	39.39 2.46 -3.67	37.66 2.41 -2.23	42.37 2.36 -6.74	42.49 2.37 -7.14	48.57 2.64 -10.30	57.91 2.53 -18.18	65.03 2.50 -25.25	59.81 2.52 -20.19	54.07 2.57 -15.74	49.58 2.22 -13.14	46.71 2.14 -12.22	42.63 1.81 -13.38	41.81 2.05 -7.69