

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										12/10/2024	
Generator Data		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			
Name	PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
59TH STREET_GT_1 24138		43.57	38.97	38.30	35.40	36.48	38.81	47.57	55.86	58.68	60.35	59.24	55.18	54.95	56.39	55.57	59.86	64.32	65.94	64.33	57.48	53.98	48.91	43.42	39.96			
		2.57	2.28	2.03	1.88	1.97	2.27	2.99	3.35	3.36	3.35	3.17	3.07	3.05	3.06	3.10	3.29	3.80	4.93	4.21	3.56	3.51	3.23	2.67	2.30			
		-2.69	0.00	0.00	0.00	0.00	0.00	0.00	-2.48	-5.21	-6.98	-7.23	-6.30	-6.32	-6.89	-6.83	-7.45	-7.07	-4.98	-5.41	-5.06	-4.92	-4.33	-2.62	-1.18			
74TH STREET_GT_1 24260		43.64	39.04	38.34	35.47	36.55	38.85	47.61	55.86	58.62	60.33	59.23	55.16	54.89	56.33	55.56	59.84	64.30	65.88	64.22	57.48	54.01	48.94	43.45	40.00			
		2.64	2.35	2.07	1.94	2.04	2.30	3.03	3.35	3.31	3.35	3.17	3.07	3.01	3.02	3.10	3.29	3.80	4.87	4.10	3.57	3.55	3.27	2.71	2.34			
		-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.20	-6.97	-7.22	-6.29	-6.31	-6.88	-6.82	-7.44	-7.05	-4.97	-5.40	-5.05	-4.91	-4.32	-2.62	-1.18			
74TH STREET_GT_2 24261		43.64	39.04	38.34	35.47	36.55	38.85	47.61	55.86	58.62	60.33	59.23	55.16	54.89	56.33	55.56	59.84	64.30	65.88	64.22	57.48	54.01	48.94	43.45	40.00			
		2.64	2.35	2.07	1.94	2.04	2.30	3.03	3.35	3.31	3.35	3.17	3.07	3.01	3.02	3.10	3.29	3.80	4.87	4.10	3.57	3.55	3.27	2.71	2.34			
		-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.20	-6.97	-7.22	-6.29	-6.31	-6.88	-6.82	-7.44	-7.05	-4.97	-5.40	-5.05	-4.91	-4.32	-2.62	-1.18			
ADK HUDSON___FALLS 24011		41.11	38.82	38.20	35.24	36.28	38.59	47.12	53.56	54.37	54.40	53.30	49.89	49.52	50.35	49.46	53.30	57.90	61.01	59.31	52.72	49.10	44.42	40.63	38.60			
		2.22	2.13	1.92	1.71	1.76	2.05	2.54	3.00	3.16	2.90	2.93	2.75	2.60	2.46	2.37	2.60	2.94	3.92	3.45	2.78	2.51	2.15	1.94	1.86			
		-0.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-1.11	-1.48	-1.54	-1.34	-1.34	-1.46	-1.45	-1.58	-1.50	-1.06	-1.15	-1.08	-1.05	-0.92	-0.56	-0.25			
ADK RESOURCE___RCVRY 23798		41.26	38.93	38.30	35.30	36.38	38.74	47.30	53.81	54.62	54.65	53.54	50.11	49.70	50.49	49.55	53.49	58.10	61.29	59.63	52.91	49.23	44.54	40.74	38.67			
		2.38	2.24	2.03	1.78	1.86	2.19	2.72	3.25	3.41	3.15	3.17	2.98	2.78	2.60	2.46	2.80	3.15	4.20	3.77	2.98	2.64	2.27	2.06	1.93			
		-0.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-1.10	-1.48	-1.53	-1.33	-1.34	-1.46	-1.44	-1.58	-1.50	-1.05	-1.15	-1.07	-1.04	-0.92	-0.56	-0.25			
ADK S GLENS___FALLS 24028		41.11	38.82	38.20	35.24	36.28	38.59	47.12	53.56	54.37	54.40	53.30	49.89	49.52	50.35	49.46	53.30	57.90	61.01	59.31	52.72	49.10	44.42	40.63	38.60			
		2.22	2.13	1.92	1.71	1.76	2.05	2.54	3.00	3.16	2.90	2.93	2.75	2.60	2.46	2.37	2.60	2.94	3.92	3.45	2.78	2.51	2.15	1.94	1.86			
		-0.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-1.11	-1.48	-1.54	-1.34	-1.34	-1.46	-1.45	-1.58	-1.50	-1.06	-1.15	-1.08	-1.05	-0.92	-0.56	-0.25			
ADK_NYS___DAM 23527		41.36	38.90	38.41	35.50	36.59	38.77	47.30	53.64	54.43	54.80	53.42	50.17	49.84	50.79	49.85	53.48	58.15	61.27	59.53	53.12	49.58	44.97	41.10	38.95			
		2.34	2.20	2.14	1.98	2.07	2.23	2.72	2.95	2.96	2.95	2.68	2.70	2.60	2.55	2.42	2.41	2.83	3.92	3.39	2.93	2.73	2.48	2.29	2.15			
		-0.71	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	-1.37	-1.84	-1.90	-1.66	-1.66	-1.81	-1.80	-1.96	-1.86	-1.31	-1.43	-1.33	-1.30	-1.14	-0.69	-0.31			
AIR_PRODUCTS___DRP 24190		39.67	37.50	37.07	34.36	35.38	37.31	45.03	51.02	51.74	51.98	50.80	47.68	47.41	48.30	47.49	51.03	55.42	58.18	56.60	50.45	47.17	42.87	39.84	37.76			
		0.77	0.81	0.80	0.84	0.86	0.77	0.45	0.45	0.50	0.45	0.39	0.50	0.46	0.37	0.37	0.29	0.43	1.06	0.71	0.49	0.55	0.58	1.14	1.02			
		-0.58	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-1.13	-1.52	-1.57	-1.37	-1.37	-1.50	-1.49	-1.62	-1.54	-1.08	-1.18	-1.10	-1.07	-0.94	-0.57	-0.26			
AKWESSNE_115KV_BK 355683		38.70	37.06	36.67	33.93	34.79	36.91	45.07	50.78	50.76	50.62	49.52	46.45	46.26	47.13	46.23	49.85	54.20	56.03	55.20	49.40	46.00	41.64	38.43	36.89			
		0.38	0.37	0.40	0.40	0.28	0.37	0.49	0.75	0.65	0.60	0.68	0.64	0.68	0.70	0.59	0.74	0.75	0.00	0.49	0.54	0.46	0.29	0.31	0.40			
		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		40.16	38.05	37.65	34.80	35.83	37.86	45.92	51.89	52.48	52.62	51.41	48.17	47.90	48.83	48.01	51.68	56.16	59.04	57.52	51.22	47.83	43.40	40.10	38.09			
		1.34	1.36	1.38	1.27	1.31	1.31	1.34	1.40	1.40	1.30	1.22	1.19	1.14	1.11	1.09	1.18	1.39	2.07	1.80	1.42	1.37	1.24	1.49	1.39			
		-0.50	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-0.97	-1.30	-1.35	-1.18	-1.18	-1.29	-1.28	-1.39	-1.32	-0.93	-1.01	-0.95	-0.92	-0.81	-0.49	-0.22			
ALBANY_2_SOLAR 323834		40.16	38.05	37.65	34.80	35.83	37.82	45.87	51.89	52.48	52.62	51.41	48.17	47.90	48.83	48.01	51.69	56.17	59.04	57.47	51.22	47.79	43.40	40.10	38.06			
		1.34	1.36	1.38	1.27	1.31	1.28	1.29	1.40	1.40	1.30	1.22	1.19	1.14	1.11	1.09	1.18	1.39	2.07	1.75	1.42	1.32	1.24	1.49	1.35			
		-0.50	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-0.98	-1.31	-1.35	-1.18	-1.18	-1.29	-1.28	-1.39	-1.32	-0.93	-1.01	-0.95	-0.92	-0.81	-0.49	-0.22			
ALBANY___1 23571		39.67	37.50	37.07	34.36	35.38	37.31	45.03	51.02	51.74	51.98	50.80	47.68	47.41	48.30	47.49	51.03	55.42	58.18	56.60	50.45	47.17	42.87	39.84	37.76			
		0.77	0.81	0.80	0.84	0.86	0.77	0.45	0.45	0.50	0.45	0.39	0.50	0.46	0.37	0.37	0.29	0.43	1.06	0.71	0.49	0.55	0.58	1.14	1.02			
		-0.58	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-1.13	-1.52	-1.57	-1.37	-1.37	-1.50	-1.49	-1.62	-1.54	-1.08	-1.18	-1.10	-1.07	-0.94	-0.57	-0.26			

ALBANY___2 23572	39.67 0.77 -0.58	37.50 0.81 0.00	37.07 0.80 0.00	34.36 0.84 0.00	35.38 0.86 0.00	37.31 0.77 0.00	45.03 0.45 0.00	51.02 0.45 -0.54	51.74 0.50 -1.13	51.98 0.45 -1.52	50.80 0.39 -1.57	47.68 0.50 -1.37	47.41 0.46 -1.37	48.30 0.37 -1.50	47.49 0.37 -1.49	51.03 0.29 -1.62	55.42 0.43 -1.54	58.18 1.06 -1.08	56.60 0.71 -1.18	50.45 0.49 -1.10	47.17 0.55 -1.07	42.87 0.58 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
ALBANY___3 23573	39.67 0.77 -0.58	37.50 0.81 0.00	37.07 0.80 0.00	34.36 0.84 0.00	35.38 0.86 0.00	37.31 0.77 0.00	45.03 0.45 0.00	51.02 0.45 -0.54	51.74 0.50 -1.13	51.98 0.45 -1.52	50.80 0.39 -1.57	47.68 0.50 -1.37	47.41 0.46 -1.37	48.30 0.37 -1.50	47.49 0.37 -1.49	51.03 0.29 -1.62	55.42 0.43 -1.54	58.18 1.06 -1.08	56.60 0.71 -1.18	50.45 0.49 -1.10	47.17 0.55 -1.07	42.87 0.58 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
ALBANY___4 23574	39.67 0.77 -0.58	37.50 0.81 0.00	37.07 0.80 0.00	34.36 0.84 0.00	35.38 0.86 0.00	37.31 0.77 0.00	45.03 0.45 0.00	51.02 0.45 -0.54	51.74 0.50 -1.13	51.98 0.45 -1.52	50.80 0.39 -1.57	47.68 0.50 -1.37	47.41 0.46 -1.37	48.30 0.37 -1.50	47.49 0.37 -1.49	51.03 0.29 -1.62	55.42 0.43 -1.54	58.18 1.06 -1.08	56.60 0.71 -1.18	50.45 0.49 -1.10	47.17 0.55 -1.07	42.87 0.58 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
ALBANY___LFGE 323615	39.93 1.03 -0.58	37.76 1.06 0.00	37.33 1.05 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.47 0.89 0.00	51.51 0.95 -0.53	52.23 1.00 -1.12	52.52 1.00 -1.50	51.32 0.93 -1.56	48.13 0.96 -1.36	47.85 0.91 -1.36	48.75 0.84 -1.49	47.93 0.82 -1.47	51.55 0.83 -1.61	55.94 0.96 -1.52	58.79 1.68 -1.07	57.19 1.31 -1.17	50.93 0.98 -1.09	47.57 0.96 -1.06	43.24 0.95 -0.93	40.06 1.37 -0.57	37.98 1.24 -0.25
ALCOA_PA_115KV_PL-6C 55860	38.58 0.27 0.00	36.95 0.26 0.00	36.53 0.25 0.00	33.79 0.27 0.00	34.69 0.17 0.00	36.76 0.22 0.00	44.89 0.31 0.00	50.58 0.55 0.00	50.56 0.45 0.00	50.42 0.40 0.00	49.32 0.49 0.00	46.26 0.46 0.00	46.08 0.50 0.00	46.94 0.51 0.00	46.05 0.41 0.00	49.70 0.59 0.00	53.99 0.53 0.00	55.81 -0.22 0.00	54.98 0.27 0.00	49.20 0.34 0.00	45.82 0.27 0.00	41.52 0.17 0.00	38.28 0.15 0.00	36.74 0.26 0.00
ALCOA_RYNLDS___DRP 24188	38.58 0.27 0.00	36.95 0.26 0.00	36.53 0.25 0.00	33.79 0.27 0.00	34.69 0.17 0.00	36.76 0.22 0.00	44.89 0.31 0.00	50.58 0.55 0.00	50.56 0.45 0.00	50.42 0.40 0.00	49.32 0.49 0.00	46.26 0.46 0.00	46.08 0.50 0.00	46.94 0.51 0.00	46.05 0.41 0.00	49.70 0.59 0.00	53.99 0.53 0.00	55.81 -0.22 0.00	54.98 0.27 0.00	49.20 0.34 0.00	45.82 0.27 0.00	41.52 0.17 0.00	38.28 0.15 0.00	36.74 0.26 0.00
ALCOA___DSASP 323711	38.59 0.27 0.00	36.95 0.26 0.00	36.53 0.26 0.00	33.79 0.27 0.00	34.69 0.17 0.00	36.76 0.22 0.00	44.89 0.31 0.00	50.58 0.55 0.00	50.56 0.45 0.00	50.42 0.40 0.00	49.32 0.49 0.00	46.26 0.46 0.00	46.08 0.50 0.00	46.94 0.51 0.00	46.05 0.41 0.00	49.71 0.59 0.00	53.99 0.53 0.00	55.81 -0.22 0.00	54.93 0.22 0.00	49.20 0.34 0.00	45.82 0.27 0.00	41.52 0.17 0.00	38.28 0.15 0.00	36.74 0.26 0.00
ALLEGHENY___COGEN 23514	38.39 0.08 0.00	36.77 0.07 0.00	36.24 -0.04 0.00	33.39 -0.13 0.00	34.45 -0.07 0.00	36.80 0.26 0.00	45.03 0.45 0.00	50.38 0.35 0.00	50.26 0.15 0.00	50.02 0.00 0.00	48.64 -0.19 0.00	45.07 -0.73 0.00	44.94 -0.64 0.00	46.15 -0.28 0.00	45.68 0.05 0.00	49.36 0.25 0.00	53.72 0.27 0.00	56.59 0.56 0.00	55.47 0.77 0.00	49.30 0.44 0.00	45.50 -0.05 0.00	41.52 0.17 0.00	38.28 0.15 0.00	36.89 0.40 0.00
ALTAMONT_115KV_TB 2 55880	39.84 0.96 -0.57	37.65 0.95 0.00	37.22 0.94 0.00	34.43 0.91 0.00	35.45 0.93 0.00	37.46 0.91 0.00	45.56 0.98 0.00	51.66 1.10 -0.53	52.26 1.05 -1.11	52.55 1.05 -1.48	51.34 0.98 -1.53	48.10 0.96 -1.34	47.88 0.96 -1.34	48.77 0.88 -1.46	48.00 0.91 -1.45	51.63 0.93 -1.58	56.08 1.12 -1.50	58.77 1.68 -1.06	57.23 1.37 -1.15	51.06 1.12 -1.07	47.69 1.09 -1.04	43.26 0.99 -0.92	39.75 1.07 -0.56	37.68 0.95 -0.25
ALTONA_WT_PWR 323606	38.16 -0.15 0.00	36.55 -0.15 0.00	36.20 -0.07 0.00	33.49 -0.03 0.00	34.24 -0.28 0.00	36.32 -0.22 0.00	44.54 -0.04 0.00	50.58 0.55 0.00	50.51 0.40 0.00	50.42 0.40 0.00	49.47 0.63 0.00	46.40 0.59 0.00	46.35 0.77 0.00	47.31 0.88 0.00	46.32 0.69 0.00	49.95 0.83 0.00	54.31 0.85 0.00	55.92 -0.11 0.00	54.98 0.27 0.00	49.20 0.34 0.00	45.73 0.18 0.00	41.23 -0.12 0.00	37.97 -0.15 0.00	36.48 0.00 0.00
AMERICAN_REF_FUEL 24010	35.25 -3.07 0.00	33.69 -3.01 0.00	33.19 -3.08 0.00	30.64 -2.88 0.00	31.65 -2.86 0.00	33.62 -2.92 0.00	40.66 -3.92 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.90 -4.90 0.00	40.79 -4.79 0.00	42.06 -4.37 0.00	41.49 -4.15 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.56 -5.14 0.00	44.07 -4.79 0.00	40.45 -5.10 0.00	37.30 -4.05 0.00	34.73 -3.39 0.00	34.00 -2.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.17 -1.15 0.00	35.52 -1.18 0.00	35.04 -1.23 0.00	32.39 -1.14 0.00	33.52 -1.00 0.00	36.00 -0.55 0.00	44.13 -0.45 0.00	48.73 -1.30 0.00	49.05 -1.05 0.00	49.07 -0.95 0.00	48.20 -0.64 0.00	44.57 -1.23 0.00	44.53 -1.05 0.00	46.01 -0.42 0.00	45.27 -0.37 0.00	48.87 -0.24 0.00	52.23 -1.23 0.00	55.03 -1.01 0.00	53.83 -0.88 0.00	47.74 -1.12 0.00	43.82 -1.73 0.00	40.28 -1.08 0.00	37.44 -0.69 0.00	36.52 0.04 0.00
ARTHUR KILL_GT_1 23520	44.18 3.18 -2.69	39.60 2.90 -0.01	38.85 2.58 0.00	35.91 2.38 0.00	37.00 2.49 0.00	39.25 2.70 0.00	47.88 3.30 0.00	56.01 3.50 -2.47	58.61 3.31 -5.20	60.28 3.30 -6.97	59.03 2.98 -7.22	54.84 2.75 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.74 3.19 -7.44	64.04 3.53 -7.05	65.76 4.76 -4.97	64.43 4.32 -5.40	57.58 3.67 -5.05	54.02 3.56 -4.91	49.18 3.51 -4.32	43.72 2.98 -2.62	40.36 2.70 -1.18
ARTHUR_KILL_2 23512	44.07 3.07 -2.69	39.49 2.79 -0.01	38.78 2.50 0.00	35.81 2.28 0.00	36.93 2.42 0.00	39.14 2.59 0.00	47.75 3.17 0.00	55.86 3.35 -2.47	58.47 3.16 -5.20	60.14 3.15 -6.97	58.88 2.83 -7.22	54.75 2.66 -6.29	54.57 2.69 -6.31	56.00 2.69 -6.88	55.24 2.78 -6.82	59.60 3.05 -7.44	63.88 3.37 -7.05	65.60 4.60 -4.97	64.22 4.11 -5.40	57.38 3.47 -5.05	53.88 3.42 -4.91	49.06 3.39 -4.32	43.61 2.86 -2.62	40.25 2.59 -1.18
ARTHUR_KILL_3 23513	43.22 2.22 -2.68	38.64 1.94 0.00	37.98 1.71 0.00	35.10 1.58 0.00	36.17 1.66 0.00	38.48 1.94 0.00	47.16 2.58 0.00	55.31 2.80 -2.47	58.07 2.75 -5.21	59.74 2.75 -6.97	58.64 2.59 -7.21	54.62 2.52 -6.29	54.39 2.51 -6.31	55.82 2.51 -6.89	55.01 2.55 -6.82	59.25 2.70 -7.43	63.66 3.15 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.94 3.03 -5.05	53.60 3.14 -4.92	48.61 2.94 -4.32	43.15 2.40 -2.62	39.67 2.01 -1.18

ARTHUR_KILL_COGEN 323718	44.18 3.18 -2.69	39.60 2.90 -0.01	38.85 2.58 0.00	35.91 2.38 0.00	37.00 2.49 0.00	39.25 2.70 0.00	47.88 3.30 0.00	56.01 3.50 -2.47	58.61 3.31 -5.20	60.28 3.30 -6.97	59.03 2.98 -7.22	54.84 2.75 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.74 3.19 -7.44	64.04 3.53 -7.05	65.76 4.76 -4.97	64.43 4.32 -5.40	57.58 3.67 -5.05	54.02 3.56 -4.91	49.18 3.51 -4.32	43.72 2.98 -2.62	40.36 2.70 -1.18
ASHOKAN____ 23654	40.96 2.64 0.00	39.19 2.50 0.00	38.56 2.29 0.00	35.57 2.05 0.00	36.66 2.14 0.00	38.95 2.41 0.00	47.75 3.17 0.00	53.44 3.40 0.00	53.21 3.11 0.00	52.77 2.75 0.00	51.37 2.54 0.00	48.18 2.38 0.00	47.86 2.28 0.00	48.89 2.46 0.00	48.10 2.46 0.00	52.11 3.00 0.00	57.14 3.69 0.00	60.74 4.71 0.00	58.65 3.94 0.00	51.94 3.08 0.00	48.65 3.10 0.00	43.92 2.56 0.00	40.64 2.52 0.00	38.67 2.19 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.60 2.61 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.62 2.08 0.00	47.16 2.58 0.01	55.25 2.75 -2.46	58.00 2.70 -5.19	59.67 2.70 -6.96	58.58 2.54 -7.21	54.47 2.38 -6.28	54.29 2.41 -6.30	55.71 2.41 -6.87	54.91 2.46 -6.81	59.19 2.65 -7.43	63.55 3.05 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.88 2.98 -5.04	53.46 3.01 -4.91	48.51 2.85 -4.31	43.07 2.33 -2.62	39.74 2.08 -1.18
ASTORIA_EAST_ENERGY_CC2 323582	43.60 2.61 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.62 2.08 0.00	47.16 2.58 0.01	55.25 2.75 -2.46	58.00 2.70 -5.19	59.67 2.70 -6.96	58.58 2.54 -7.21	54.47 2.38 -6.28	54.29 2.41 -6.30	55.71 2.41 -6.87	54.91 2.46 -6.81	59.19 2.65 -7.43	63.55 3.05 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.88 2.98 -5.04	53.46 3.01 -4.91	48.51 2.85 -4.31	43.07 2.33 -2.62	39.74 2.08 -1.18
ASTORIA_GT2_1 24094	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT2_2 24095	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT2_3 24096	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT2_4 24097	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT3_1 24098	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT3_2 24099	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT3_3 24100	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT3_4 24101	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT4_1 24102	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT4_2 24103	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT4_3 24104	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18

ASTORIA_GT4_4 24105	43.68 2.68 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.21 2.63 0.00	55.31 2.80 -2.47	58.06 2.76 -5.20	59.73 2.75 -6.97	58.59 2.54 -7.22	54.57 2.47 -6.29	54.35 2.46 -6.31	55.77 2.46 -6.88	55.01 2.56 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.61 3.50 -5.40	56.94 3.03 -5.05	53.47 3.01 -4.91	48.52 2.85 -4.32	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA_GT_1 23523	43.72 2.72 -2.68	39.08 2.38 0.00	38.30 2.03 0.00	35.54 2.01 0.00	36.62 2.11 0.00	38.70 2.16 0.00	47.29 2.72 0.01	55.40 2.90 -2.46	58.16 2.85 -5.19	59.82 2.85 -6.96	58.68 2.64 -7.21	54.60 2.52 -6.28	54.43 2.55 -6.30	55.81 2.51 -6.87	55.05 2.60 -6.81	59.29 2.75 -7.43	63.71 3.21 -7.05	65.31 4.31 -4.96	63.83 3.72 -5.40	57.03 3.13 -5.04	53.55 3.10 -4.91	48.60 2.94 -4.31	43.15 2.40 -2.62	39.85 2.19 -1.18
ASTORIA_GT_10 24110	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.78 3.67 -5.40	57.09 3.18 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
ASTORIA_GT_11 24225	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.78 3.67 -5.40	57.09 3.18 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
ASTORIA_GT_12 24226	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.78 3.67 -5.40	57.09 3.18 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
ASTORIA_GT_13 24227	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.78 3.67 -5.40	57.09 3.18 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
ASTORIA_GT_5 24106	43.72 2.72 -2.68	39.04 2.35 0.00	38.31 2.03 0.00	35.54 2.01 0.00	36.62 2.11 0.00	38.70 2.16 0.00	47.30 2.72 0.00	55.41 2.90 -2.47	58.16 2.86 -5.20	59.83 2.85 -6.97	58.69 2.64 -7.22	54.66 2.57 -6.29	54.44 2.55 -6.31	55.82 2.51 -6.88	55.06 2.60 -6.82	59.30 2.75 -7.44	63.72 3.21 -7.05	65.37 4.37 -4.97	63.72 3.61 -5.40	57.04 3.13 -5.05	53.56 3.10 -4.91	48.61 2.94 -4.32	43.15 2.40 -2.62	39.85 2.19 -1.18
ASTORIA_GT_7 24107	43.72 2.72 -2.68	39.04 2.35 0.00	38.31 2.03 0.00	35.54 2.01 0.00	36.62 2.11 0.00	38.70 2.16 0.00	47.30 2.72 0.00	55.41 2.90 -2.47	58.16 2.86 -5.20	59.83 2.85 -6.97	58.69 2.64 -7.22	54.66 2.57 -6.29	54.44 2.55 -6.31	55.82 2.51 -6.88	55.06 2.60 -6.82	59.30 2.75 -7.44	63.72 3.21 -7.05	65.37 4.37 -4.97	63.72 3.61 -5.40	57.04 3.13 -5.05	53.56 3.10 -4.91	48.61 2.94 -4.32	43.15 2.40 -2.62	39.85 2.19 -1.18
ASTORIA_GT_8 24108	43.72 2.72 -2.68	39.04 2.35 0.00	38.31 2.03 0.00	35.54 2.01 0.00	36.62 2.11 0.00	38.70 2.16 0.00	47.30 2.72 0.00	55.41 2.90 -2.47	58.16 2.86 -5.20	59.83 2.85 -6.97	58.69 2.64 -7.22	54.66 2.57 -6.29	54.44 2.55 -6.31	55.82 2.51 -6.88	55.06 2.60 -6.82	59.30 2.75 -7.44	63.72 3.21 -7.05	65.37 4.37 -4.97	63.72 3.61 -5.40	57.04 3.13 -5.05	53.56 3.10 -4.91	48.61 2.94 -4.32	43.15 2.40 -2.62	39.85 2.19 -1.18
ASTORIA___2 24149	43.64 2.64 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.66 2.12 0.00	47.20 2.63 0.01	55.30 2.80 -2.46	58.05 2.75 -5.19	59.72 2.75 -6.96	58.58 2.54 -7.21	54.51 2.43 -6.28	54.34 2.46 -6.30	55.76 2.46 -6.87	54.95 2.51 -6.81	59.19 2.65 -7.43	63.55 3.05 -7.05	65.20 4.20 -4.96	63.71 3.61 -5.40	56.93 3.03 -5.04	53.46 3.01 -4.91	48.56 2.89 -4.31	43.11 2.36 -2.62	39.78 2.12 -1.18
ASTORIA___3 23516	43.64 2.64 -2.68	39.05 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.77 2.23 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.70 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.10 2.65 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.88 3.77 -5.40	57.08 3.17 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.81 2.15 -1.18
ASTORIA___4 23517	43.64 2.64 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.77 2.23 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.78 3.67 -5.40	57.09 3.18 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
ASTORIA___5 23518	43.64 2.64 -2.68	39.05 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.77 2.23 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.70 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.10 2.65 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.88 3.77 -5.40	57.08 3.17 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.81 2.15 -1.18
AST_ENERGY_2_CC3 323677	43.49 2.49 -2.68	38.93 2.24 0.00	38.23 1.96 0.00	35.37 1.84 0.00	36.45 1.93 0.00	38.74 2.19 0.00	47.48 2.90 0.00	55.71 3.20 -2.47	58.42 3.11 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.94 2.84 -6.29	54.71 2.83 -6.31	56.15 2.83 -6.89	55.33 2.88 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.06	65.65 4.65 -4.97	64.11 3.99 -5.41	57.28 3.37 -5.05	53.83 3.37 -4.92	48.81 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18
AST_ENERGY_2_CC4 323678	43.49 2.49 -2.68	38.93 2.24 0.00	38.23 1.96 0.00	35.37 1.84 0.00	36.45 1.93 0.00	38.74 2.19 0.00	47.48 2.90 0.00	55.71 3.20 -2.47	58.42 3.11 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.94 2.84 -6.29	54.71 2.83 -6.31	56.15 2.83 -6.89	55.33 2.88 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.06	65.65 4.65 -4.97	64.11 3.99 -5.41	57.28 3.37 -5.05	53.83 3.37 -4.92	48.81 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18

ATHENS_STG_1 23668	40.58 1.30 -0.96	37.94 1.25 0.00	37.47 1.20 0.00	34.67 1.14 0.00	35.69 1.17 0.00	37.71 1.17 0.00	46.01 1.43 0.00	52.52 1.60 -0.89	53.53 1.56 -1.87	54.07 1.55 -2.51	52.89 1.46 -2.60	49.53 1.47 -2.26	49.26 1.41 -2.27	50.30 1.39 -2.48	49.51 1.42 -2.45	53.22 1.43 -2.67	57.70 1.71 -2.54	60.23 2.41 -1.79	58.68 2.03 -1.94	52.34 1.66 -1.82	48.95 1.64 -1.77	44.39 1.49 -1.55	40.40 1.33 -0.94	38.11 1.20 -0.42
ATHENS_STG_2 23670	40.58 1.30 -0.96	37.94 1.25 0.00	37.47 1.20 0.00	34.67 1.14 0.00	35.69 1.17 0.00	37.71 1.17 0.00	46.01 1.43 0.00	52.52 1.60 -0.89	53.53 1.56 -1.87	54.07 1.55 -2.51	52.89 1.46 -2.60	49.53 1.47 -2.26	49.26 1.41 -2.27	50.30 1.39 -2.48	49.51 1.42 -2.45	53.22 1.43 -2.67	57.70 1.71 -2.54	60.23 2.41 -1.79	58.68 2.03 -1.94	52.34 1.66 -1.82	48.95 1.64 -1.77	44.39 1.49 -1.55	40.40 1.33 -0.94	38.11 1.20 -0.42
ATHENS_STG_3 23677	40.58 1.30 -0.96	37.94 1.25 0.00	37.47 1.20 0.00	34.67 1.14 0.00	35.69 1.17 0.00	37.71 1.17 0.00	46.01 1.43 0.00	52.52 1.60 -0.89	53.53 1.56 -1.87	54.07 1.55 -2.51	52.89 1.46 -2.60	49.53 1.47 -2.26	49.26 1.41 -2.27	50.30 1.39 -2.48	49.51 1.42 -2.45	53.22 1.43 -2.67	57.70 1.71 -2.54	60.23 2.41 -1.79	58.68 2.03 -1.94	52.34 1.66 -1.82	48.95 1.64 -1.77	44.39 1.49 -1.55	40.40 1.33 -0.94	38.11 1.20 -0.42
AUBURN___LFGE 323710	37.89 -0.42 0.00	36.29 -0.40 0.00	35.88 -0.40 0.00	33.09 -0.44 0.00	34.10 -0.41 0.00	36.21 -0.33 0.00	44.36 -0.22 0.00	49.68 -0.35 0.00	49.76 -0.35 0.00	49.72 -0.30 0.00	48.59 -0.24 0.00	45.44 -0.37 0.00	45.21 -0.36 0.00	46.15 -0.28 0.00	45.32 -0.32 0.00	48.77 -0.34 0.00	53.03 -0.43 0.00	55.92 -0.11 0.00	54.44 -0.27 0.00	48.52 -0.34 0.00	45.14 -0.41 0.00	41.02 -0.33 0.00	37.74 -0.38 0.00	36.16 -0.33 0.00
BABYLON_RES_REC 323704	44.32 3.33 -2.68	39.59 2.90 0.00	38.70 2.43 0.00	35.84 2.31 0.00	37.00 2.49 0.00	39.18 2.63 0.00	47.93 3.35 0.00	56.75 4.25 -2.47	59.06 3.76 -5.19	60.42 3.45 -6.95	59.71 3.66 -7.21	55.84 3.76 -6.28	55.43 3.56 -6.29	57.01 3.72 -6.87	56.46 4.02 -6.80	60.96 4.42 -7.42	65.84 5.34 -7.04	67.32 6.33 -4.96	65.41 5.31 -5.39	58.39 4.49 -5.04	54.69 4.24 -4.90	49.14 3.47 -4.31	43.64 2.90 -2.62	40.40 2.74 -1.18
BABYLON__69_KV_BK2 356345	44.90 3.91 -2.68	40.00 3.30 0.00	39.10 2.83 0.00	36.21 2.68 0.00	37.42 2.90 0.00	39.58 3.03 0.00	48.41 3.83 0.00	57.40 4.90 -2.47	59.61 4.31 -5.19	60.97 4.00 -6.95	60.29 4.25 -7.21	56.44 4.35 -6.28	56.02 4.15 -6.29	57.62 4.32 -6.87	57.14 4.70 -6.80	61.70 5.16 -7.42	66.64 6.15 -7.04	68.17 7.17 -4.96	66.07 5.96 -5.39	59.13 5.23 -5.04	55.37 4.92 -4.90	49.55 3.89 -4.31	44.06 3.32 -2.62	40.80 3.14 -1.18
BALL_HILL_WT_PWR 323825	36.97 -1.34 0.00	35.30 -1.39 0.00	34.82 -1.45 0.00	32.15 -1.38 0.00	33.21 -1.31 0.00	35.34 -1.21 0.00	43.06 -1.52 0.00	47.38 -2.65 0.00	47.70 -2.40 0.00	47.77 -2.25 0.00	46.93 -1.91 0.00	43.42 -2.38 0.00	43.35 -2.23 0.00	44.71 -1.72 0.00	44.04 -1.60 0.00	47.54 -1.57 0.00	51.26 -2.19 0.00	53.90 -2.13 0.00	52.74 -1.97 0.00	46.81 -2.05 0.00	43.00 -2.55 0.00	39.58 -1.78 0.00	36.75 -1.37 0.00	35.86 -0.62 0.00
BARON_WINDS___WT_PWR 323822	37.47 -0.84 0.00	35.89 -0.81 0.00	35.44 -0.83 0.00	32.69 -0.84 0.00	33.76 -0.76 0.00	35.89 -0.66 0.00	43.87 -0.71 0.00	48.68 -1.35 0.00	48.76 -1.35 0.00	48.67 -1.35 0.00	47.56 -1.27 0.00	44.16 -1.65 0.00	43.98 -1.60 0.00	45.18 -1.25 0.00	44.59 -1.05 0.00	48.08 -1.03 0.00	52.17 -1.28 0.00	54.97 -1.07 0.00	53.62 -1.09 0.00	47.74 -1.12 0.00	44.18 -1.37 0.00	40.44 -0.91 0.00	37.32 -0.80 0.00	36.12 -0.36 0.00
BARRETT_IC_1 23704	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_10 23701	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_11 23702	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_12 23703	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_2 23705	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_3 23706	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_4 23707	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18

BARRETT_IC_5 23708	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_6 23709	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_7 23710	43.95 2.95 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.49 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.74 2.87 -6.29	56.27 2.97 -6.87	55.73 3.29 -6.80	60.07 3.54 -7.42	64.83 4.33 -7.04	66.32 5.32 -4.96	64.37 4.27 -5.39	57.62 3.71 -5.04	54.14 3.69 -4.90	48.69 3.02 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_8 23711	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT_IC_9 23700	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT___1 23545	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BARRETT___2 23546	43.87 2.88 -2.68	39.16 2.46 -0.01	38.35 2.07 -0.01	35.51 1.98 -0.01	36.67 2.14 -0.01	38.82 2.27 -0.01	47.48 2.90 -0.01	56.00 3.50 -2.47	58.31 3.01 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.32 5.33 -4.96	64.53 4.43 -5.39	57.61 3.71 -5.04	54.05 3.60 -4.90	48.73 3.06 -4.32	43.30 2.55 -2.62	40.00 2.34 -1.18
BATAVIA___115KV_TB1 55881	36.86 -1.46 0.00	35.37 -1.32 0.00	34.82 -1.45 0.00	32.15 -1.37 0.00	33.14 -1.38 0.00	35.34 -1.21 0.00	42.93 -1.65 0.00	47.58 -2.45 0.00	47.80 -2.30 0.00	47.87 -2.15 0.00	46.88 -1.95 0.00	43.38 -2.43 0.00	43.34 -2.23 0.00	44.62 -1.81 0.00	43.95 -1.69 0.00	47.59 -1.52 0.00	51.42 -2.03 0.00	53.90 -2.13 0.00	52.79 -1.91 0.00	46.95 -1.91 0.00	43.13 -2.41 0.00	39.62 -1.74 0.00	36.68 -1.45 0.00	35.65 -0.84 0.00
BAYONEEC___CTG1 323682	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG10 323750	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG2 323683	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG3 323684	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG4 323685	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG5 323686	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG6 323687	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18

BAYONEEC___CTG7 323688	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG8 323689	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BAYONEEC___CTG9 323749	43.41 2.42 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.32 3.01 -5.21	59.99 3.00 -6.97	58.89 2.83 -7.22	54.85 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.89	55.24 2.78 -6.82	59.55 3.00 -7.44	63.94 3.42 -7.06	65.54 4.54 -4.97	64.00 3.88 -5.41	57.19 3.27 -5.05	53.75 3.28 -4.92	48.78 3.10 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
BEACON___LESR 323632	40.28 1.38 -0.59	38.05 1.36 0.00	37.65 1.38 0.00	34.83 1.31 0.00	35.90 1.38 0.00	37.93 1.39 0.00	45.92 1.34 0.00	52.07 1.50 -0.54	52.85 1.60 -1.14	53.09 1.55 -1.52	51.88 1.46 -1.58	48.65 1.47 -1.38	48.32 1.37 -1.38	49.23 1.30 -1.50	48.36 1.23 -1.49	52.07 1.33 -1.63	56.55 1.55 -1.54	59.47 2.35 -1.09	57.86 1.97 -1.18	51.53 1.56 -1.11	48.08 1.46 -1.07	43.66 1.36 -0.94	40.42 1.72 -0.57	38.27 1.53 -0.26
BEAVER RIVER___HYD 24048	37.17 -1.15 0.00	35.38 -1.32 0.00	35.33 -0.94 0.00	32.59 -0.94 0.00	33.45 -1.07 0.00	35.37 -1.17 0.00	43.38 -1.20 0.00	49.43 -0.60 0.00	49.51 -0.60 0.00	49.67 -0.35 0.00	48.93 0.10 0.00	45.71 -0.09 0.00	45.49 -0.09 0.00	46.24 -0.18 0.00	44.95 -0.68 0.00	48.08 -1.03 0.00	52.01 -1.44 0.00	54.30 -1.74 0.00	53.01 -1.70 0.00	47.39 -1.46 0.00	44.14 -1.41 0.00	39.90 -1.45 0.00	36.75 -1.37 0.00	35.28 -1.20 0.00
BEEBEE_GT_13 23619	36.59 -1.72 0.00	35.08 -1.61 0.00	34.57 -1.70 0.00	31.92 -1.61 0.00	32.90 -1.62 0.00	35.01 -1.53 0.00	42.57 -2.01 0.00	47.43 -2.60 0.00	47.60 -2.51 0.00	47.67 -2.35 0.00	46.59 -2.25 0.00	43.38 -2.43 0.00	43.25 -2.32 0.00	44.34 -2.09 0.00	43.68 -1.96 0.00	47.15 -1.96 0.00	51.05 -2.41 0.00	53.57 -2.47 0.00	52.36 -2.35 0.00	46.61 -2.25 0.00	43.09 -2.46 0.00	39.37 -1.98 0.00	36.37 -1.75 0.00	35.13 -1.35 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.11 3.10 -2.69	39.46 2.75 -0.01	38.70 2.43 0.00	35.77 2.25 0.00	36.86 2.35 0.00	39.14 2.59 0.00	47.83 3.25 0.00	56.01 3.50 -2.47	58.72 3.41 -5.20	60.43 3.45 -6.97	59.23 3.17 -7.22	55.12 3.02 -6.29	54.89 3.01 -6.31	56.33 3.02 -6.88	55.56 3.10 -6.82	59.94 3.39 -7.44	64.30 3.80 -7.05	66.05 5.04 -4.97	64.43 4.32 -5.40	57.67 3.76 -5.05	54.15 3.69 -4.91	49.19 3.51 -4.32	43.68 2.94 -2.62	40.25 2.59 -1.18
BETHLEHEM___GRP 23843	39.67 0.77 -0.58	37.50 0.81 0.00	37.07 0.80 0.00	34.36 0.84 0.00	35.38 0.86 0.00	37.31 0.77 0.00	45.03 0.45 0.00	51.02 0.45 -0.54	51.74 0.50 -1.13	51.98 0.45 -1.52	50.80 0.39 -1.57	47.68 0.50 -1.37	47.41 0.46 -1.37	48.30 0.37 -1.50	47.49 0.37 -1.49	51.03 0.29 -1.62	55.42 0.43 -1.54	58.18 1.06 -1.08	56.60 0.71 -1.18	50.45 0.49 -1.10	47.17 0.55 -1.07	42.87 0.58 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
BETHLEHEM___GS1 323560	39.67 0.77 -0.58	37.50 0.81 0.00	37.07 0.80 0.00	34.37 0.84 0.00	35.38 0.86 0.00	37.31 0.77 0.00	45.03 0.45 0.00	51.02 0.45 -0.54	51.74 0.50 -1.13	51.98 0.45 -1.52	50.80 0.39 -1.57	47.63 0.46 -1.37	47.36 0.41 -1.37	48.30 0.37 -1.50	47.49 0.36 -1.49	51.03 0.30 -1.62	55.42 0.43 -1.54	58.18 1.06 -1.08	56.65 0.77 -1.18	50.45 0.49 -1.10	47.17 0.55 -1.07	42.87 0.58 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
BETHLEHEM___GS2 323561	39.67 0.77 -0.58	37.50 0.81 0.00	37.07 0.80 0.00	34.37 0.84 0.00	35.38 0.86 0.00	37.31 0.77 0.00	45.03 0.45 0.00	51.02 0.45 -0.54	51.74 0.50 -1.13	51.98 0.45 -1.52	50.80 0.39 -1.57	47.63 0.46 -1.37	47.36 0.41 -1.37	48.30 0.37 -1.50	47.49 0.36 -1.49	51.03 0.30 -1.62	55.42 0.43 -1.54	58.18 1.06 -1.08	56.65 0.77 -1.18	50.45 0.49 -1.10	47.17 0.55 -1.07	42.87 0.58 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
BETHLEHEM___GS3 323562	39.67 0.77 -0.58	37.50 0.81 0.00	37.07 0.80 0.00	34.37 0.84 0.00	35.38 0.86 0.00	37.31 0.77 0.00	45.03 0.45 0.00	51.02 0.45 -0.54	51.74 0.50 -1.13	51.98 0.45 -1.52	50.80 0.39 -1.57	47.63 0.46 -1.37	47.36 0.41 -1.37	48.30 0.37 -1.50	47.49 0.36 -1.49	51.03 0.30 -1.62	55.42 0.43 -1.54	58.18 1.06 -1.08	56.65 0.77 -1.18	50.45 0.49 -1.10	47.17 0.55 -1.07	42.87 0.58 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
BETHLEHEM___STEEL 23779	36.78 -1.53 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.10 -1.42 0.00	35.19 -1.35 0.00	42.80 -1.78 0.00	46.98 -3.05 0.00	47.30 -2.81 0.00	47.42 -2.60 0.00	46.59 -2.25 0.00	43.06 -2.75 0.00	43.03 -2.55 0.00	44.39 -2.04 0.00	43.54 -2.10 0.00	47.20 -1.92 0.00	50.94 -2.51 0.00	53.51 -2.52 0.00	52.30 -2.41 0.00	46.51 -2.35 0.00	42.72 -2.82 0.00	39.37 -1.98 0.00	36.52 -1.60 0.00	35.68 -0.80 0.00
BETHLHEM_115KV_TB1 79974	39.70 0.80 -0.58	37.54 0.84 0.00	37.11 0.83 0.00	34.40 0.87 0.00	35.41 0.90 0.00	37.35 0.80 0.00	45.16 0.58 0.00	51.17 0.60 -0.54	51.84 0.60 -1.13	52.13 0.60 -1.51	50.94 0.54 -1.57	47.77 0.60 -1.37	47.50 0.55 -1.37	48.39 0.46 -1.50	47.62 0.50 -1.48	51.17 0.44 -1.62	55.58 0.59 -1.53	58.29 1.18 -1.08	56.70 0.82 -1.18	50.59 0.64 -1.10	47.25 0.64 -1.07	42.95 0.66 -0.94	39.84 1.14 -0.57	37.76 1.02 -0.26
BETHPAGE_CC_5 323564	44.21 3.22 -2.68	39.45 2.75 0.00	38.60 2.32 0.00	35.74 2.21 0.00	36.90 2.38 0.00	38.95 2.41 0.00	47.57 2.99 0.00	56.26 3.75 -2.47	58.55 3.26 -5.19	59.97 3.00 -6.95	59.21 3.17 -7.21	55.38 3.30 -6.28	54.97 3.10 -6.29	56.55 3.25 -6.87	55.96 3.51 -6.80	60.42 3.88 -7.42	65.20 4.71 -7.04	66.65 5.66 -4.96	64.81 4.71 -5.39	57.91 4.01 -5.04	54.28 3.83 -4.90	48.80 3.14 -4.31	43.49 2.75 -2.62	40.29 2.63 -1.18
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.97 -1.34 0.00	35.45 -1.25 0.00	34.93 -1.34 0.00	32.25 -1.27 0.00	33.31 -1.21 0.00	35.41 -1.13 0.00	43.06 -1.52 0.00	47.38 -2.65 0.00	47.65 -2.46 0.00	47.77 -2.25 0.00	46.93 -1.90 0.00	43.38 -2.43 0.00	43.34 -2.23 0.00	44.71 -1.72 0.00	43.86 -1.78 0.00	47.54 -1.57 0.00	51.32 -2.14 0.00	53.90 -2.13 0.00	52.68 -2.02 0.00	46.86 -2.00 0.00	43.09 -2.46 0.00	39.66 -1.70 0.00	36.79 -1.33 0.00	35.90 -0.58 0.00

BINGHAMTON___COGEN 23790	38.06 0.00 0.26	36.70 0.00 0.00	36.27 0.00 0.00	33.46 -0.07 0.00	34.52 0.00 0.00	36.58 0.04 0.00	44.76 0.18 0.00	49.79 0.00 0.24	49.60 0.00 0.50	49.39 0.05 0.67	48.24 0.10 0.70	45.11 -0.09 0.61	44.92 -0.05 0.61	45.81 0.05 0.66	45.03 0.05 0.66	48.54 0.15 0.72	52.88 0.11 0.68	56.01 0.45 0.47	54.41 0.22 0.52	48.47 0.10 0.48	45.08 0.00 0.47	41.02 0.08 0.41	37.88 0.00 0.25	36.48 0.11 0.11
BIXINCNT_115KV_LOAD 355685	37.17 -1.15 0.00	35.67 -1.03 0.00	35.15 -1.12 0.00	32.42 -1.11 0.00	33.45 -1.07 0.00	35.74 -0.80 0.00	43.64 -0.94 0.00	48.48 -1.55 0.00	48.70 -1.40 0.00	48.62 -1.40 0.00	47.76 -1.07 0.00	44.06 -1.74 0.00	44.07 -1.50 0.00	45.36 -1.07 0.00	44.54 -1.10 0.00	48.18 -0.93 0.00	52.23 -1.23 0.00	54.86 -1.18 0.00	53.78 -0.93 0.00	47.93 -0.93 0.00	43.95 -1.59 0.00	40.36 -0.99 0.00	37.40 -0.72 0.00	36.23 -0.26 0.00
BLACK RIVER___HYD 24047	37.55 -0.77 0.00	35.71 -0.99 0.00	35.55 -0.73 0.00	32.76 -0.77 0.00	33.72 -0.79 0.00	35.74 -0.80 0.00	43.87 -0.71 0.00	50.03 0.00 0.00	50.11 0.00 0.00	50.22 0.20 0.00	49.37 0.54 0.00	46.13 0.32 0.00	45.85 0.28 0.00	46.62 0.19 0.00	45.50 -0.14 0.00	48.77 -0.34 0.00	52.97 -0.48 0.00	55.30 -0.73 0.00	53.94 -0.77 0.00	48.27 -0.58 0.00	44.95 -0.59 0.00	40.61 -0.74 0.00	37.29 -0.84 0.00	35.72 -0.77 0.00
BLACKRVR_115KV_TB2 79977	37.51 -0.80 0.00	35.70 -0.99 0.00	35.55 -0.73 0.00	32.76 -0.77 0.00	33.72 -0.79 0.00	35.74 -0.80 0.00	43.87 -0.71 0.00	50.03 0.00 0.00	50.11 0.00 0.00	50.22 0.20 0.00	49.37 0.54 0.00	46.13 0.32 0.00	45.85 0.27 0.00	46.61 0.19 0.00	45.50 -0.14 0.00	48.77 -0.34 0.00	52.97 -0.48 0.00	55.31 -0.73 0.00	53.94 -0.77 0.00	48.27 -0.59 0.00	44.96 -0.59 0.00	40.61 -0.74 0.00	37.29 -0.84 0.00	35.72 -0.77 0.00
BLISS_WT_PWR 323608	37.09 -1.23 0.00	35.56 -1.14 0.00	35.00 -1.27 0.00	32.29 -1.24 0.00	33.31 -1.21 0.00	35.63 -0.91 0.00	43.56 -1.02 0.00	48.48 -1.55 0.00	48.70 -1.40 0.00	48.56 -1.45 0.00	47.66 -1.17 0.00	44.06 -1.74 0.00	44.03 -1.55 0.00	45.27 -1.16 0.00	44.68 -0.96 0.00	48.08 -1.03 0.00	52.12 -1.33 0.00	54.75 -1.29 0.00	53.78 -0.93 0.00	47.88 -0.98 0.00	43.91 -1.64 0.00	40.24 -1.11 0.00	37.40 -0.73 0.00	36.12 -0.36 0.00
BLUESTONE___WT_PWR 323821	39.85 1.80 0.27	38.27 1.58 0.00	37.91 1.63 0.00	34.90 1.38 0.00	36.03 1.52 0.00	38.30 1.75 0.00	47.07 2.49 0.00	54.36 4.60 0.27	54.14 4.61 0.57	53.85 4.60 0.77	52.68 4.64 0.80	49.09 3.98 0.69	48.85 3.96 0.70	49.61 3.94 0.76	48.72 3.83 0.75	52.42 4.13 0.82	57.49 4.81 0.78	59.13 3.59 0.50	57.45 3.28 0.54	51.23 2.88 0.51	47.65 2.59 0.49	43.19 2.27 0.43	39.73 1.87 0.26	38.15 1.79 0.12
BLUE_CIRC_CHEM_DRP 24182	39.90 1.07 -0.51	37.80 1.10 0.00	37.40 1.12 0.00	34.60 1.07 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.61 1.03 0.00	51.56 1.05 -0.48	52.16 1.05 -1.00	52.41 1.05 -1.34	51.20 0.98 -1.39	47.98 0.96 -1.21	47.70 0.91 -1.21	48.63 0.88 -1.32	47.82 0.87 -1.31	51.43 0.88 -1.43	55.88 1.07 -1.36	58.67 1.68 -0.96	57.06 1.31 -1.04	50.91 1.07 -0.97	47.54 1.05 -0.95	43.18 0.99 -0.83	39.85 1.22 -0.50	37.84 1.13 -0.23
BOC_GAS_DRP 24189	39.73 0.84 -0.57	37.54 0.84 0.00	37.14 0.87 0.00	34.36 0.84 0.00	35.38 0.86 0.00	37.35 0.80 0.00	45.38 0.80 0.00	51.46 0.90 -0.53	52.07 0.85 -1.11	52.41 0.90 -1.49	51.16 0.78 -1.55	47.98 0.82 -1.35	47.70 0.77 -1.35	48.65 0.74 -1.47	47.87 0.78 -1.46	51.44 0.74 -1.59	55.87 0.91 -1.51	58.56 1.46 -1.06	56.96 1.09 -1.16	50.87 0.93 -1.08	47.51 0.91 -1.05	43.15 0.87 -0.93	39.68 0.99 -0.56	37.61 0.88 -0.25
BOONVILLE_115KV_TB1 79983	38.35 0.04 0.00	36.62 -0.07 0.00	36.42 0.15 0.00	33.59 0.07 0.00	34.59 0.07 0.00	36.69 0.15 0.00	44.89 0.31 0.00	50.78 0.75 0.00	50.86 0.75 0.00	50.92 0.90 0.00	49.86 1.03 0.00	46.67 0.87 0.00	46.44 0.87 0.00	47.22 0.79 0.00	46.23 0.59 0.00	49.61 0.49 0.00	53.88 0.43 0.00	56.43 0.39 0.00	54.98 0.27 0.00	49.15 0.29 0.00	45.78 0.23 0.00	41.48 0.12 0.00	38.16 0.04 0.00	36.52 0.04 0.00
BORALEX_4TH_BRANCH 23824	41.36 2.34 -0.71	38.90 2.20 0.00	38.41 2.14 0.00	35.50 1.98 0.00	36.59 2.07 0.00	38.77 2.23 0.00	47.30 2.72 0.00	53.64 2.95 -0.65	54.43 2.96 -1.37	54.80 2.95 -1.84	53.42 2.69 -1.90	50.17 2.70 -1.66	49.84 2.60 -1.66	50.80 2.55 -1.81	49.95 2.51 -1.80	53.48 2.41 -1.96	58.15 2.83 -1.86	61.27 3.92 -1.31	59.47 3.34 -1.43	53.12 2.93 -1.33	49.58 2.73 -1.30	44.97 2.48 -1.14	41.10 2.29 -0.69	38.95 2.15 -0.31
BOWLINE___1 23526	35.39 1.73 4.65	38.20 1.51 0.00	37.58 1.30 0.00	34.80 1.27 0.00	35.83 1.31 0.00	38.04 1.50 0.00	46.59 2.01 0.00	47.86 2.20 4.37	43.07 2.15 9.19	39.86 2.15 12.31	38.08 2.00 12.75	36.66 1.97 11.11	36.40 1.96 11.14	36.22 1.95 12.16	35.60 2.01 12.04	38.09 2.11 13.14	43.50 2.51 12.46	50.73 3.48 8.78	48.06 2.90 9.54	42.33 2.39 8.92	39.28 2.41 8.68	35.96 2.23 7.63	35.29 1.79 4.63	35.90 1.50 2.08
BOWLINE___2 23595	35.42 1.76 4.66	38.27 1.58 0.00	37.65 1.38 0.00	34.83 1.31 0.00	35.86 1.34 0.00	38.08 1.53 0.00	46.63 2.05 0.00	47.96 2.30 4.37	43.11 2.20 9.19	39.91 2.20 12.31	38.13 2.05 12.76	36.75 2.06 11.12	36.44 2.00 11.14	36.26 2.00 12.16	35.65 2.06 12.05	38.13 2.16 13.14	43.55 2.57 12.47	50.85 3.59 8.78	48.12 2.95 9.55	42.38 2.44 8.93	39.37 2.50 8.68	36.00 2.27 7.63	35.33 1.83 4.63	35.94 1.53 2.08
BRADY___115KV_TB2 356060	38.55 0.23 0.00	36.59 -0.11 0.00	36.53 0.25 0.00	33.66 0.13 0.00	34.10 -0.41 0.00	35.67 -0.88 0.00	43.69 -0.89 0.00	50.48 0.45 0.00	50.41 0.30 0.00	50.87 0.85 0.00	51.03 2.20 0.00	47.59 1.79 0.00	47.31 1.73 0.00	48.15 1.72 0.00	46.00 0.37 0.00	49.02 -0.10 0.00	53.03 -0.43 0.00	54.58 -1.46 0.00	53.51 -1.20 0.00	47.98 -0.88 0.00	44.55 -1.00 0.00	40.32 -1.03 0.00	37.32 -0.80 0.00	36.37 -0.11 0.00
BRANSCOMB___SOLAR 323811	40.97 2.07 -0.59	38.68 1.98 0.00	38.12 1.85 0.00	35.20 1.68 0.00	36.28 1.76 0.00	38.48 1.94 0.00	46.94 2.36 0.00	53.27 2.70 -0.54	54.05 2.80 -1.14	54.19 2.65 -1.52	52.95 2.54 -1.58	49.61 2.43 -1.38	49.28 2.32 -1.38	50.16 2.23 -1.51	49.27 2.15 -1.49	53.10 2.36 -1.63	57.67 2.67 -1.54	60.71 3.59 -1.09	59.12 3.23 -1.18	52.55 2.59 -1.11	48.99 2.37 -1.08	44.41 2.11 -0.95	40.64 1.94 -0.57	38.53 1.79 -0.26
BRENTWOD_69_KV_W. BRTWOOD 56703	44.78 3.79 -2.68	39.92 3.23 0.00	39.03 2.76 0.00	36.11 2.58 0.00	37.31 2.80 0.00	39.50 2.96 0.00	48.28 3.70 0.00	57.30 4.80 -2.47	59.51 4.21 -5.19	60.82 3.85 -6.95	60.09 4.05 -7.21	56.25 4.17 -6.28	55.84 3.97 -6.29	57.48 4.18 -6.87	57.01 4.56 -6.80	61.50 4.96 -7.42	66.43 5.93 -7.04	67.89 6.89 -4.96	65.79 5.69 -5.39	58.89 4.98 -5.04	55.19 4.74 -4.90	49.38 3.72 -4.31	43.91 3.16 -2.62	40.69 3.03 -1.18

BRISTLHL_115KV_TB1 79998	37.17 -1.15 0.00	35.59 -1.10 0.00	35.19 -1.09 0.00	32.45 -1.07 0.00	33.45 -1.07 0.00	35.48 -1.06 0.00	43.33 -1.25 0.00	48.58 -1.45 0.00	48.65 -1.45 0.00	48.62 -1.40 0.00	47.52 -1.32 0.00	44.48 -1.33 0.00	44.26 -1.32 0.00	45.13 -1.30 0.00	44.36 -1.28 0.00	47.74 -1.38 0.00	51.96 -1.50 0.00	54.63 -1.40 0.00	53.23 -1.48 0.00	47.49 -1.37 0.00	44.23 -1.32 0.00	40.19 -1.16 0.00	36.98 -1.14 0.00	35.43 -1.06 0.00
BROOKHAVEN___DRP 24191	44.75 3.75 -2.68	39.85 3.16 0.00	38.96 2.68 0.00	36.07 2.55 0.00	37.31 2.80 0.00	39.50 2.96 0.00	48.19 3.61 0.00	57.25 4.75 -2.47	59.36 4.06 -5.19	60.67 3.70 -6.95	60.05 4.00 -7.21	56.21 4.12 -6.28	55.84 3.97 -6.29	57.43 4.13 -6.87	57.01 4.56 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.00 7.00 -4.96	65.85 5.74 -5.39	58.89 4.98 -5.04	55.10 4.65 -4.90	49.26 3.60 -4.31	43.79 3.05 -2.62	40.62 2.96 -1.18
BROOKLYN_NAVY_YARD 23515	43.37 2.38 -2.68	38.79 2.09 0.00	38.09 1.81 0.00	35.20 1.68 0.00	36.28 1.76 0.00	38.62 2.08 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.21	60.04 3.05 -6.97	58.94 2.88 -7.22	54.85 2.75 -6.29	54.67 2.78 -6.31	56.05 2.74 -6.89	55.29 2.83 -6.82	59.55 3.00 -7.44	63.99 3.47 -7.06	65.60 4.60 -4.97	64.06 3.94 -5.41	57.24 3.32 -5.05	53.79 3.32 -4.92	48.73 3.06 -4.32	43.22 2.48 -2.62	39.78 2.12 -1.18
BROOKLYN___ARMY_DRP 323595	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
BROOKVLE_69_KV_TB1 55790	43.98 2.99 -2.68	39.23 2.53 0.00	38.45 2.18 0.00	35.57 2.05 0.00	36.73 2.21 0.00	38.92 2.38 0.00	47.66 3.08 0.00	56.05 3.55 -2.47	58.56 3.26 -5.19	60.12 3.15 -6.95	59.26 3.22 -7.21	55.38 3.30 -6.28	54.97 3.10 -6.29	56.50 3.20 -6.87	55.87 3.42 -6.80	60.17 3.63 -7.42	64.83 4.33 -7.04	66.37 5.38 -4.96	64.53 4.43 -5.39	57.71 3.81 -5.04	54.23 3.78 -4.90	48.93 3.27 -4.31	43.49 2.75 -2.62	40.11 2.44 -1.18
BROOME_2_LFGE 323671	38.10 0.04 0.26	36.70 0.00 0.00	36.27 0.00 0.00	33.46 -0.07 0.00	34.52 0.00 0.00	36.58 0.04 0.00	44.76 0.18 0.00	49.79 0.00 0.24	49.60 0.00 0.50	49.39 0.05 0.67	48.24 0.10 0.70	45.11 -0.09 0.61	44.92 -0.05 0.61	45.81 0.05 0.66	45.07 0.09 0.66	48.55 0.15 0.72	52.88 0.11 0.68	56.01 0.45 0.47	54.47 0.27 0.52	48.47 0.10 0.48	45.08 0.00 0.47	41.02 0.08 0.41	37.88 0.00 0.25	36.48 0.11 0.11
BROOME___LFGE 323600	38.10 0.04 0.26	36.70 0.00 0.00	36.27 0.00 0.00	33.46 -0.07 0.00	34.52 0.00 0.00	36.58 0.04 0.00	44.76 0.18 0.00	49.79 0.00 0.24	49.60 0.00 0.50	49.39 0.05 0.67	48.24 0.10 0.70	45.11 -0.09 0.61	44.92 -0.05 0.61	45.81 0.05 0.66	45.07 0.09 0.66	48.55 0.15 0.72	52.88 0.11 0.68	56.01 0.45 0.47	54.47 0.27 0.52	48.47 0.10 0.48	45.08 0.00 0.47	41.02 0.08 0.41	37.88 0.00 0.25	36.48 0.11 0.11
BROWNFLS_115KV_TB_3_5 80003	37.09 -1.23 0.00	35.30 -1.39 0.00	35.22 -1.05 0.00	32.49 -1.04 0.00	33.14 -1.38 0.00	34.83 -1.72 0.00	42.62 -1.96 0.00	48.78 -1.25 0.00	48.80 -1.30 0.00	49.12 -0.90 0.00	48.83 0.00 0.00	45.67 -0.14 0.00	45.40 -0.18 0.00	46.15 -0.28 0.00	44.50 -1.14 0.00	47.45 -1.67 0.00	51.26 -2.19 0.00	53.18 -2.86 0.00	52.03 -2.68 0.00	46.56 -2.30 0.00	43.32 -2.23 0.00	39.24 -2.11 0.00	36.26 -1.87 0.00	35.10 -1.39 0.00
BROWNSV1_27_KV_LOAD 356125	43.76 2.76 -2.68	39.12 2.42 0.00	38.45 2.18 0.00	35.50 1.98 0.00	36.62 2.11 0.00	38.95 2.41 0.00	47.75 3.17 0.00	56.06 3.55 -2.47	58.82 3.51 -5.21	60.49 3.50 -6.97	59.38 3.32 -7.22	55.30 3.21 -6.29	55.08 3.19 -6.31	56.47 3.16 -6.89	55.70 3.24 -6.82	59.99 3.44 -7.44	64.47 3.96 -7.06	66.10 5.10 -4.97	64.44 4.32 -5.41	57.68 3.76 -5.05	54.20 3.73 -4.92	49.10 3.43 -4.32	43.57 2.82 -2.62	40.11 2.44 -1.18
BURROWS___LYONSDAL 23803	38.05 -0.27 0.00	36.33 -0.37 0.00	36.17 -0.11 0.00	33.36 -0.17 0.00	34.34 -0.17 0.00	36.40 -0.15 0.00	44.58 0.00 0.00	50.48 0.45 0.00	50.56 0.45 0.00	50.62 0.60 0.00	49.66 0.83 0.00	46.45 0.64 0.00	46.22 0.64 0.00	46.99 0.56 0.00	45.91 0.27 0.00	49.26 0.15 0.00	53.46 0.00 0.00	55.92 -0.11 0.00	54.55 -0.16 0.00	48.71 -0.15 0.00	45.37 -0.18 0.00	41.10 -0.25 0.00	37.82 -0.31 0.00	36.23 -0.26 0.00
CAITHNESS_CC_1 323624	44.51 3.52 -2.68	39.78 3.08 0.00	38.85 2.58 0.00	35.97 2.45 0.00	37.21 2.69 0.00	39.39 2.85 0.00	48.06 3.48 0.00	57.05 4.55 -2.47	59.16 3.86 -5.19	60.47 3.50 -6.95	59.80 3.76 -7.21	55.98 3.89 -6.28	55.65 3.78 -6.29	57.24 3.94 -6.87	56.73 4.29 -6.80	61.30 4.76 -7.42	66.27 5.77 -7.04	67.71 6.72 -4.96	65.74 5.64 -5.39	58.64 4.74 -5.04	54.83 4.37 -4.90	49.18 3.51 -4.31	43.68 2.94 -2.62	40.54 2.88 -1.18
CALPINE BETH_PAGE_GT4 24209	44.25 3.26 -2.68	39.45 2.75 0.00	38.60 2.32 0.00	35.71 2.18 0.00	36.90 2.38 0.00	38.99 2.45 0.00	47.52 2.94 0.00	56.20 3.70 -2.47	58.56 3.26 -5.19	59.97 3.00 -6.95	59.21 3.17 -7.21	55.43 3.34 -6.28	55.02 3.14 -6.29	56.55 3.25 -6.87	56.00 3.56 -6.80	60.42 3.88 -7.42	65.20 4.70 -7.04	66.65 5.66 -4.96	64.70 4.60 -5.39	57.91 4.01 -5.04	54.32 3.87 -4.90	48.76 3.10 -4.31	43.52 2.78 -2.62	40.29 2.63 -1.18
CALPINE_BETH_PAGE_GT_4 323586	44.17 3.18 -2.68	39.45 2.75 0.00	38.60 2.32 0.00	35.70 2.18 0.00	36.90 2.38 0.00	38.99 2.45 0.00	47.52 2.94 0.00	56.20 3.70 -2.47	58.55 3.26 -5.19	59.97 3.00 -6.95	59.21 3.17 -7.21	55.38 3.30 -6.28	54.97 3.10 -6.29	56.55 3.25 -6.87	55.96 3.51 -6.80	60.42 3.88 -7.42	65.20 4.71 -7.04	66.65 5.66 -4.96	64.81 4.71 -5.39	57.91 4.01 -5.04	54.23 3.78 -4.90	48.80 3.14 -4.31	43.52 2.78 -2.62	40.29 2.63 -1.18
CALPINE_BP_GT1 23823	44.17 3.18 -2.68	39.45 2.75 0.00	38.60 2.32 0.00	35.70 2.18 0.00	36.90 2.38 0.00	38.99 2.45 0.00	47.52 2.94 0.00	56.20 3.70 -2.47	58.55 3.26 -5.19	59.97 3.00 -6.95	59.21 3.17 -7.21	55.38 3.30 -6.28	54.97 3.10 -6.29	56.55 3.25 -6.87	55.96 3.51 -6.80	60.42 3.88 -7.42	65.20 4.71 -7.04	66.65 5.66 -4.96	64.81 4.71 -5.39	57.91 4.01 -5.04	54.23 3.78 -4.90	48.80 3.14 -4.31	43.52 2.78 -2.62	40.29 2.63 -1.18
CALSPAN___DRP 24200	36.78 -1.53 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.10 -1.42 0.00	35.19 -1.35 0.00	42.80 -1.78 0.00	46.98 -3.05 0.00	47.30 -2.81 0.00	47.42 -2.60 0.00	46.59 -2.25 0.00	43.06 -2.75 0.00	43.03 -2.55 0.00	44.39 -2.04 0.00	43.54 -2.10 0.00	47.20 -1.92 0.00	50.94 -2.51 0.00	53.51 -2.52 0.00	52.30 -2.41 0.00	46.51 -2.35 0.00	42.72 -2.82 0.00	39.37 -1.98 0.00	36.52 -1.60 0.00	35.68 -0.80 0.00

CALVERTON___SOLAR 323806	44.75 3.76 -2.68	39.96 3.26 0.00	39.07 2.79 0.00	36.21 2.68 0.00	37.45 2.93 0.00	39.65 3.10 0.00	48.37 3.79 0.00	57.50 5.00 -2.47	59.61 4.31 -5.19	60.87 3.90 -6.95	60.29 4.25 -7.21	56.44 4.35 -6.28	56.06 4.19 -6.29	57.66 4.36 -6.87	57.19 4.75 -6.80	61.80 5.26 -7.42	66.86 6.36 -7.04	68.33 7.34 -4.96	66.28 6.18 -5.39	59.13 5.23 -5.04	55.19 4.74 -4.90	49.46 3.80 -4.31	43.90 3.16 -2.62	40.73 3.07 -1.18
CANDIGU_WT_PWR 323617	37.47 -0.84 0.00	35.89 -0.81 0.00	35.44 -0.83 0.00	32.69 -0.84 0.00	33.76 -0.76 0.00	35.89 -0.66 0.00	43.87 -0.71 0.00	48.68 -1.35 0.00	48.76 -1.35 0.00	48.67 -1.35 0.00	47.56 -1.27 0.00	44.16 -1.65 0.00	43.98 -1.60 0.00	45.18 -1.25 0.00	44.59 -1.05 0.00	48.08 -1.03 0.00	52.17 -1.28 0.00	54.97 -1.07 0.00	53.62 -1.09 0.00	47.74 -1.12 0.00	44.18 -1.37 0.00	40.44 -0.91 0.00	37.32 -0.80 0.00	36.12 -0.36 0.00
CARR STREET_E_SYR 24060	37.47 -0.84 0.00	35.89 -0.81 0.00	35.48 -0.80 0.00	32.72 -0.80 0.00	33.72 -0.79 0.00	35.77 -0.77 0.00	43.69 -0.89 0.00	48.88 -1.15 0.00	48.96 -1.15 0.00	48.87 -1.15 0.00	47.76 -1.07 0.00	44.70 -1.10 0.00	44.48 -1.09 0.00	45.41 -1.02 0.00	44.63 -1.00 0.00	48.03 -1.08 0.00	52.23 -1.23 0.00	54.91 -1.12 0.00	53.56 -1.15 0.00	47.74 -1.12 0.00	44.55 -1.00 0.00	40.53 -0.83 0.00	37.29 -0.84 0.00	35.76 -0.73 0.00
CARTHAGE___PAPER 23857	37.32 -1.00 0.00	35.52 -1.18 0.00	35.40 -0.87 0.00	32.65 -0.87 0.00	33.55 -0.97 0.00	35.52 -1.02 0.00	43.60 -0.98 0.00	49.73 -0.30 0.00	49.76 -0.35 0.00	49.87 -0.15 0.00	49.08 0.25 0.00	45.90 0.09 0.00	45.58 0.00 0.00	46.38 -0.05 0.00	45.14 -0.50 0.00	48.38 -0.74 0.00	52.44 -1.02 0.00	54.75 -1.29 0.00	53.45 -1.26 0.00	47.83 -1.03 0.00	44.50 -1.05 0.00	40.24 -1.11 0.00	36.98 -1.14 0.00	35.46 -1.02 0.00
CASSADAGA_WT_PWR 323784	37.70 -0.61 0.00	36.04 -0.66 0.00	35.51 -0.76 0.00	32.82 -0.71 0.00	34.00 -0.52 0.00	36.47 -0.07 0.00	44.76 0.18 0.00	49.43 -0.60 0.00	49.81 -0.30 0.00	49.77 -0.25 0.00	48.88 0.05 0.00	45.16 -0.64 0.00	45.08 -0.50 0.00	46.62 0.19 0.00	45.87 0.23 0.00	49.46 0.35 0.00	52.92 -0.53 0.00	55.81 -0.22 0.00	54.60 -0.11 0.00	48.37 -0.49 0.00	44.36 -1.18 0.00	40.81 -0.54 0.00	37.90 -0.23 0.00	36.92 0.44 0.00
CE_DUNWOOD___DRP 24194	43.30 2.22 -2.76	38.64 1.94 0.00	38.02 1.74 0.00	35.17 1.64 0.00	36.24 1.73 0.00	38.48 1.94 0.00	47.08 2.50 0.00	55.38 2.80 -2.55	58.22 2.76 -5.36	59.94 2.75 -7.17	58.86 2.59 -7.43	54.85 2.57 -6.48	54.58 2.51 -6.49	56.02 2.51 -7.09	55.26 2.60 -7.02	59.47 2.70 -7.66	63.87 3.15 -7.26	65.35 4.20 -5.12	63.72 3.45 -5.56	57.04 2.98 -5.20	53.61 3.01 -5.06	48.49 2.69 -4.45	43.07 2.25 -2.70	39.63 1.93 -1.21
CE_MILLWOOD___DRP 24193	43.23 2.11 -2.81	38.57 1.87 0.00	37.94 1.67 0.00	35.07 1.54 0.00	36.14 1.62 0.00	38.37 1.83 0.00	46.99 2.41 0.00	55.33 2.70 -2.59	58.17 2.61 -5.46	59.92 2.60 -7.31	58.85 2.44 -7.57	54.83 2.43 -6.60	54.56 2.37 -6.61	56.01 2.37 -7.22	55.25 2.46 -7.15	59.47 2.55 -7.80	63.85 2.99 -7.40	65.28 4.03 -5.21	63.71 3.34 -5.67	57.04 2.88 -5.30	53.57 2.87 -5.15	48.44 2.56 -4.53	43.01 2.14 -2.75	39.54 1.82 -1.24
CE_NYC2_DRP 24202	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.39 2.81 0.00	55.56 3.05 -2.47	58.32 3.01 -5.20	59.98 3.00 -6.97	58.84 2.78 -7.22	54.80 2.70 -6.29	54.57 2.69 -6.31	56.00 2.69 -6.88	55.24 2.78 -6.82	59.50 2.95 -7.44	63.88 3.37 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.14 3.22 -5.05	53.70 3.23 -4.91	48.73 3.06 -4.32	43.26 2.52 -2.62	39.85 2.19 -1.18
CE_NYC_DRP 24195	43.49 2.49 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.42 1.90 0.00	38.70 2.16 0.00	47.43 2.85 0.00	55.66 3.15 -2.47	58.42 3.11 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.99 2.89 -6.29	54.76 2.87 -6.31	56.15 2.83 -6.89	55.38 2.92 -6.82	59.65 3.09 -7.44	64.10 3.58 -7.06	65.66 4.65 -4.97	64.00 3.88 -5.41	57.29 3.37 -5.06	53.84 3.37 -4.92	48.77 3.10 -4.32	43.30 2.55 -2.62	39.85 2.19 -1.18
CHAFFEE___LFGE 323603	37.01 -1.30 0.00	35.38 -1.32 0.00	34.86 -1.42 0.00	32.18 -1.34 0.00	33.24 -1.28 0.00	35.30 -1.24 0.00	42.98 -1.60 0.00	47.23 -2.80 0.00	47.55 -2.55 0.00	47.67 -2.35 0.00	46.79 -2.05 0.00	43.33 -2.47 0.00	43.26 -2.32 0.00	44.62 -1.81 0.00	43.95 -1.69 0.00	47.39 -1.72 0.00	51.16 -2.30 0.00	53.79 -2.24 0.00	52.63 -2.08 0.00	46.76 -2.10 0.00	42.95 -2.59 0.00	39.49 -1.86 0.00	36.68 -1.45 0.00	35.79 -0.69 0.00
CHATEAUG_35_KV_LOAD 355732	38.24 -0.08 0.00	36.59 -0.11 0.00	36.24 -0.04 0.00	33.53 0.00 0.00	34.24 -0.28 0.00	36.29 -0.26 0.00	44.49 -0.09 0.00	50.53 0.50 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.42 0.59 0.00	46.40 0.60 0.00	46.31 0.73 0.00	47.26 0.84 0.00	46.28 0.64 0.00	49.95 0.83 0.00	54.20 0.75 0.00	55.75 -0.28 0.00	54.98 0.27 0.00	49.15 0.29 0.00	45.68 0.14 0.00	41.19 -0.17 0.00	37.97 -0.15 0.00	36.48 0.00 0.00
CHATEAUG_WT_PWR 323614	38.09 -0.23 0.00	36.44 -0.26 0.00	36.09 -0.18 0.00	33.39 -0.13 0.00	34.14 -0.38 0.00	36.18 -0.37 0.00	44.36 -0.22 0.00	50.38 0.35 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.27 0.44 0.00	46.26 0.46 0.00	46.17 0.59 0.00	47.13 0.70 0.00	46.19 0.55 0.00	49.80 0.69 0.00	54.04 0.59 0.00	55.76 -0.28 0.00	54.76 0.05 0.00	49.01 0.15 0.00	45.55 0.00 0.00	41.11 -0.25 0.00	37.86 -0.27 0.00	36.38 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	38.24 -0.08 0.00	36.59 -0.11 0.00	36.24 -0.04 0.00	33.53 0.00 0.00	34.24 -0.28 0.00	36.29 -0.26 0.00	44.49 -0.09 0.00	50.53 0.50 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.42 0.59 0.00	46.40 0.60 0.00	46.31 0.73 0.00	47.26 0.84 0.00	46.28 0.64 0.00	49.95 0.83 0.00	54.20 0.75 0.00	55.75 -0.28 0.00	54.98 0.27 0.00	49.15 0.29 0.00	45.68 0.14 0.00	41.19 -0.17 0.00	37.97 -0.15 0.00	36.48 0.00 0.00
CHAUTAUQUA___LFGE 323629	37.24 -1.07 0.00	35.60 -1.10 0.00	35.08 -1.20 0.00	32.42 -1.11 0.00	33.52 -1.00 0.00	35.96 -0.59 0.00	43.96 -0.62 0.00	48.48 -1.55 0.00	48.86 -1.25 0.00	48.87 -1.15 0.00	48.05 -0.78 0.00	44.43 -1.37 0.00	44.35 -1.23 0.00	45.78 -0.65 0.00	45.09 -0.55 0.00	48.62 -0.49 0.00	51.96 -1.50 0.00	54.69 -1.35 0.00	53.51 -1.20 0.00	47.49 -1.37 0.00	43.59 -1.96 0.00	40.07 -1.28 0.00	37.25 -0.88 0.00	36.34 -0.15 0.00
CHERRYST_13_KV_LD 356241	43.56 2.57 -2.68	38.97 2.28 0.00	38.27 2.00 0.00	35.40 1.88 0.00	36.48 1.97 0.00	38.81 2.27 0.00	47.57 2.99 0.00	55.81 3.30 -2.47	58.62 3.31 -5.21	60.29 3.30 -6.97	59.18 3.13 -7.22	55.12 3.02 -6.29	54.90 3.01 -6.31	56.33 3.02 -6.89	55.56 3.10 -6.82	59.80 3.24 -7.44	64.26 3.74 -7.06	65.88 4.87 -4.97	64.16 4.05 -5.41	57.43 3.52 -5.06	53.97 3.51 -4.92	48.90 3.23 -4.32	43.42 2.67 -2.62	39.93 2.26 -1.18

CHESTROR_138KV_BK263 355645	36.12 1.53 3.73	38.02 1.32 0.00	37.47 1.20 0.00	34.63 1.11 0.00	35.69 1.17 0.00	37.86 1.32 0.00	46.36 1.78 0.00	48.72 1.95 3.26	45.15 1.90 6.86	42.74 1.90 9.18	41.08 1.76 9.51	39.30 1.79 8.29	39.00 1.73 8.31	39.08 1.72 9.07	38.48 1.83 8.98	41.18 1.87 9.80	46.40 2.25 9.30	52.63 3.14 6.55	50.05 2.46 7.12	44.30 2.10 6.66	41.26 2.19 6.47	37.61 1.94 5.69	36.24 1.56 3.45	36.21 1.28 1.55
CH_MIDHUDSON___DRP 24192	41.32 2.34 -0.67	38.79 2.09 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.63 2.08 0.00	47.30 2.72 0.00	53.66 3.00 -0.63	54.38 2.96 -1.32	54.68 2.90 -1.76	53.40 2.73 -1.83	50.10 2.70 -1.59	49.77 2.60 -1.60	50.72 2.55 -1.74	50.01 2.65 -1.73	53.75 2.75 -1.88	58.50 3.26 -1.79	61.55 4.26 -1.26	59.58 3.50 -1.37	53.22 3.08 -1.28	49.89 3.10 -1.24	45.18 2.73 -1.09	41.11 2.33 -0.66	38.79 2.01 -0.30
CH_MISC_IPPS 23765	40.69 2.38 0.00	38.86 2.16 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.44 2.86 0.00	53.19 3.15 0.00	53.21 3.11 0.00	53.02 3.00 0.00	51.67 2.83 0.00	48.55 2.75 0.00	48.17 2.60 0.00	48.89 2.46 0.00	48.10 2.46 0.00	51.81 2.70 0.00	56.61 3.15 0.00	60.24 4.20 0.00	58.21 3.50 0.00	51.94 3.08 0.00	48.74 3.19 0.00	44.17 2.81 0.00	40.53 2.40 0.00	38.53 2.04 0.00
CH_RES_BVR_FALLS 23983	37.86 -0.46 0.00	36.29 -0.40 0.00	35.91 -0.36 0.00	33.26 -0.27 0.00	34.21 -0.31 0.00	36.25 -0.29 0.00	44.27 -0.31 0.00	49.78 -0.25 0.00	49.86 -0.25 0.00	49.52 -0.50 0.00	48.25 -0.58 0.00	45.26 -0.55 0.00	45.03 -0.54 0.00	45.87 -0.56 0.00	45.09 -0.55 0.00	48.87 -0.24 0.00	53.08 -0.37 0.00	55.08 -0.95 0.00	53.94 -0.77 0.00	48.27 -0.58 0.00	44.91 -0.64 0.00	40.69 -0.66 0.00	37.51 -0.61 0.00	35.94 -0.55 0.00
CH_RES_NIAGARA 23895	35.17 -3.14 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.81 -4.99 0.00	40.79 -4.79 0.00	42.06 -4.36 0.00	41.26 -4.38 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.34 -4.01 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
CH_RES_SYRACUSE 23985	37.74 -0.57 0.00	36.15 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.96 -0.55 0.00	36.00 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.64 0.00	45.12 -0.69 0.00	44.90 -0.68 0.00	45.78 -0.65 0.00	45.04 -0.59 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.42 -0.62 0.00	54.06 -0.65 0.00	48.17 -0.68 0.00	44.87 -0.68 0.00	40.77 -0.58 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00
CLINTON_WT_PWR 323605	38.09 -0.23 0.00	36.44 -0.26 0.00	36.09 -0.18 0.00	33.39 -0.13 0.00	34.14 -0.38 0.00	36.18 -0.37 0.00	44.36 -0.22 0.00	50.38 0.35 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.27 0.44 0.00	46.26 0.46 0.00	46.17 0.59 0.00	47.13 0.70 0.00	46.19 0.55 0.00	49.80 0.69 0.00	54.04 0.59 0.00	55.76 -0.28 0.00	54.76 0.05 0.00	49.01 0.15 0.00	45.55 0.00 0.00	41.11 -0.25 0.00	37.86 -0.27 0.00	36.38 -0.11 0.00
CLINTON___LFGE 323618	38.55 0.23 0.00	36.92 0.22 0.00	36.56 0.29 0.00	33.83 0.30 0.00	34.55 0.03 0.00	36.65 0.11 0.00	45.03 0.45 0.00	51.23 1.20 0.00	51.16 1.05 0.00	51.02 1.00 0.00	50.06 1.22 0.00	46.95 1.15 0.00	46.90 1.32 0.00	47.87 1.44 0.00	46.82 1.18 0.00	50.59 1.47 0.00	55.01 1.55 0.00	56.65 0.62 0.00	55.70 0.99 0.00	49.78 0.93 0.00	46.27 0.73 0.00	41.68 0.33 0.00	38.36 0.23 0.00	36.89 0.40 0.00
COBBLENY_34_KV_TB1 80064	36.90 -1.42 0.00	35.37 -1.32 0.00	34.86 -1.41 0.00	32.19 -1.34 0.00	33.24 -1.28 0.00	35.30 -1.24 0.00	42.98 -1.60 0.00	47.23 -2.80 0.00	47.55 -2.56 0.00	47.67 -2.35 0.00	46.78 -2.05 0.00	43.29 -2.52 0.00	43.21 -2.37 0.00	44.62 -1.81 0.00	43.77 -1.87 0.00	47.40 -1.72 0.00	51.16 -2.30 0.00	53.79 -2.24 0.00	52.58 -2.13 0.00	46.76 -2.10 0.00	42.95 -2.60 0.00	39.57 -1.78 0.00	36.68 -1.45 0.00	35.79 -0.69 0.00
COFFEEN___115KV_TB3 355620	37.74 -0.57 0.00	35.89 -0.81 0.00	35.73 -0.54 0.00	32.92 -0.60 0.00	33.86 -0.66 0.00	35.96 -0.58 0.00	44.18 -0.40 0.00	50.38 0.35 0.00	50.46 0.35 0.00	50.57 0.55 0.00	49.66 0.83 0.00	46.35 0.55 0.00	46.08 0.50 0.00	46.89 0.46 0.00	45.73 0.09 0.00	49.07 -0.05 0.00	53.35 -0.11 0.00	55.70 -0.34 0.00	54.38 -0.33 0.00	48.66 -0.20 0.00	45.27 -0.27 0.00	40.90 -0.45 0.00	37.52 -0.61 0.00	35.90 -0.58 0.00
COLDSPRG_115KV_BK1 355956	38.39 0.08 0.00	36.77 0.07 0.00	36.20 -0.07 0.00	33.46 -0.07 0.00	34.62 0.10 0.00	36.98 0.44 0.00	45.38 0.80 0.00	50.08 0.05 0.00	50.41 0.30 0.00	50.42 0.40 0.00	49.62 0.78 0.00	45.80 0.00 0.00	45.76 0.18 0.00	47.26 0.84 0.00	46.28 0.64 0.00	50.05 0.93 0.00	53.72 0.27 0.00	56.65 0.62 0.00	55.37 0.66 0.00	49.15 0.29 0.00	45.14 -0.41 0.00	41.52 0.17 0.00	38.39 0.27 0.00	37.40 0.91 0.00
COLONIE_LFGE___ 323577	40.61 1.68 -0.61	38.31 1.61 0.00	37.87 1.59 0.00	35.00 1.47 0.00	36.03 1.52 0.00	38.15 1.61 0.00	46.45 1.87 0.00	52.70 2.10 -0.56	53.40 2.10 -1.19	53.71 2.10 -1.59	52.44 1.96 -1.65	49.16 1.92 -1.44	48.84 1.83 -1.44	49.76 1.76 -1.57	48.88 1.69 -1.56	52.58 1.77 -1.70	57.10 2.03 -1.61	60.03 2.86 -1.14	58.46 2.52 -1.23	52.06 2.05 -1.15	48.58 1.91 -1.12	44.08 1.74 -0.99	40.40 1.68 -0.60	38.32 1.57 -0.27
COOPERNY_115KV_TB1 80082	37.15 1.07 2.23	37.61 0.92 0.00	37.11 0.83 0.00	34.30 0.77 0.00	35.31 0.79 0.00	37.46 0.91 0.00	45.78 1.20 0.00	49.32 1.35 2.06	47.07 1.30 4.34	45.51 1.30 5.81	44.08 1.27 6.02	41.79 1.24 5.25	41.55 1.23 5.26	41.89 1.21 5.74	41.23 1.28 5.69	44.19 1.28 6.20	49.12 1.55 5.89	54.08 2.19 4.14	51.95 1.75 4.51	46.11 1.47 4.21	42.95 1.50 4.10	39.12 1.36 3.60	37.05 1.11 2.18	36.41 0.91 0.98
COPENHAGEN_WT_PWR 323753	37.51 -0.81 0.00	35.71 -0.99 0.00	35.51 -0.76 0.00	32.72 -0.80 0.00	33.69 -0.83 0.00	35.74 -0.80 0.00	43.82 -0.76 0.00	49.88 -0.15 0.00	50.01 -0.10 0.00	50.12 0.10 0.00	49.22 0.39 0.00	45.99 0.18 0.00	45.72 0.14 0.00	46.48 0.05 0.00	45.41 -0.23 0.00	48.67 -0.44 0.00	52.87 -0.59 0.00	55.20 -0.84 0.00	53.89 -0.82 0.00	48.17 -0.68 0.00	44.87 -0.68 0.00	40.57 -0.79 0.00	37.29 -0.84 0.00	35.68 -0.80 0.00
CORNELL_____ 23752	38.70 0.38 0.00	37.03 0.33 0.00	36.60 0.33 0.00	33.73 0.20 0.00	34.79 0.28 0.00	36.94 0.40 0.00	45.25 0.67 0.00	50.48 0.45 0.00	50.56 0.45 0.00	50.42 0.40 0.00	49.27 0.44 0.00	46.08 0.27 0.00	45.90 0.32 0.00	46.80 0.37 0.00	46.00 0.37 0.00	49.61 0.49 0.00	53.99 0.53 0.00	57.15 1.12 0.00	55.64 0.93 0.00	49.59 0.73 0.00	46.09 0.55 0.00	41.93 0.58 0.00	38.51 0.38 0.00	36.92 0.44 0.00

CORONA__69_KV_TB1 355595	44.10 3.10 -2.68	39.30 2.61 0.00	38.49 2.21 0.00	35.61 2.08 0.00	36.77 2.24 0.00	38.96 2.41 0.00	47.66 3.08 0.00	56.30 3.80 -2.47	58.71 3.41 -5.19	60.17 3.20 -6.95	59.31 3.27 -7.21	55.52 3.44 -6.28	55.11 3.24 -6.29	56.64 3.34 -6.87	56.05 3.61 -6.80	60.42 3.88 -7.42	65.20 4.70 -7.04	66.71 5.72 -4.96	64.81 4.70 -5.39	58.01 4.10 -5.04	54.42 3.96 -4.90	48.93 3.27 -4.31	43.49 2.75 -2.62	40.18 2.52 -1.18
CORTLAND__115KV_TB3 80093	38.39 0.08 0.00	36.77 0.07 0.00	36.35 0.07 0.00	33.53 0.00 0.00	34.55 0.03 0.00	36.65 0.11 0.00	44.85 0.27 0.00	50.23 0.20 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.08 0.24 0.00	45.94 0.14 0.00	45.71 0.14 0.00	46.61 0.19 0.00	45.82 0.18 0.00	49.36 0.25 0.00	53.72 0.27 0.00	56.59 0.56 0.00	55.09 0.38 0.00	49.15 0.29 0.00	45.73 0.18 0.00	41.56 0.21 0.00	38.24 0.11 0.00	36.63 0.15 0.00
COXSACKIE__GT 23611	41.19 2.53 -0.34	39.19 2.50 0.00	38.70 2.43 0.00	35.70 2.18 0.00	36.80 2.28 0.00	39.03 2.49 0.00	47.52 2.94 0.00	53.60 3.25 -0.32	53.83 3.06 -0.67	53.56 2.65 -0.90	52.16 2.39 -0.93	48.81 2.20 -0.81	48.49 2.10 -0.81	49.59 2.27 -0.89	48.80 2.28 -0.88	52.87 2.80 -0.96	57.79 3.42 -0.91	61.05 4.37 -0.64	59.23 3.83 -0.70	52.49 2.98 -0.65	49.01 2.82 -0.63	44.26 2.36 -0.56	41.17 2.71 -0.34	39.04 2.41 -0.15
CPV__VALLEY__CC1 323721	36.33 1.19 3.17	37.76 1.06 0.00	37.18 0.91 0.00	34.40 0.87 0.00	35.41 0.90 0.00	37.56 1.02 0.00	45.96 1.38 0.00	48.65 1.55 2.94	45.42 1.50 6.18	43.19 1.45 8.28	41.62 1.37 8.58	39.70 1.37 7.48	39.45 1.37 7.49	39.60 1.35 8.18	38.95 1.42 8.10	41.70 1.43 8.84	46.83 1.76 8.38	52.66 2.52 5.90	50.32 2.03 6.42	44.52 1.66 6.00	41.44 1.73 5.84	37.79 1.57 5.13	36.27 1.26 3.11	36.10 1.02 1.40
CPV__VALLEY__CC2 323722	36.33 1.19 3.17	37.76 1.06 0.00	37.18 0.91 0.00	34.40 0.87 0.00	35.41 0.90 0.00	37.56 1.02 0.00	45.96 1.38 0.00	48.65 1.55 2.94	45.42 1.50 6.18	43.19 1.45 8.28	41.62 1.37 8.58	39.70 1.37 7.48	39.45 1.37 7.49	39.60 1.35 8.18	38.95 1.42 8.10	41.70 1.43 8.84	46.83 1.76 8.38	52.66 2.52 5.90	50.32 2.03 6.42	44.52 1.66 6.00	41.44 1.73 5.84	37.79 1.57 5.13	36.27 1.26 3.11	36.10 1.02 1.40
CRESCENT__HYD 24018	40.61 1.68 -0.61	38.31 1.61 0.00	37.87 1.59 0.00	35.00 1.47 0.00	36.03 1.52 0.00	38.15 1.61 0.00	46.45 1.87 0.00	52.70 2.10 -0.56	53.40 2.10 -1.19	53.71 2.10 -1.59	52.44 1.96 -1.65	49.16 1.92 -1.44	48.84 1.83 -1.44	49.76 1.76 -1.57	48.88 1.69 -1.56	52.58 1.77 -1.70	57.10 2.03 -1.61	60.03 2.86 -1.14	58.46 2.52 -1.23	52.06 2.05 -1.15	48.58 1.91 -1.12	44.08 1.74 -0.99	40.40 1.68 -0.60	38.32 1.57 -0.27
CRICKET__VALLEY_CC1 323756	41.97 1.88 -1.78	38.42 1.73 0.00	37.83 1.56 0.00	35.00 1.47 0.00	36.03 1.52 0.00	38.22 1.68 0.00	46.72 2.14 0.00	54.02 2.35 -1.64	55.86 2.31 -3.45	56.99 2.35 -4.62	55.77 2.15 -4.79	52.13 2.15 -4.17	51.86 2.10 -4.18	53.08 2.09 -4.56	52.21 2.06 -4.52	56.16 2.11 -4.93	60.65 2.51 -4.68	62.86 3.53 -3.30	61.25 2.95 -3.58	54.65 2.44 -3.35	51.26 2.46 -3.26	46.45 2.23 -2.86	41.77 1.91 -1.74	38.95 1.68 -0.78
CRICKET__VALLEY_CC2 323757	41.97 1.88 -1.78	38.42 1.73 0.00	37.83 1.56 0.00	35.00 1.47 0.00	36.03 1.52 0.00	38.22 1.68 0.00	46.72 2.14 0.00	54.02 2.35 -1.64	55.86 2.31 -3.45	56.99 2.35 -4.62	55.77 2.15 -4.79	52.13 2.15 -4.17	51.86 2.10 -4.18	53.08 2.09 -4.56	52.21 2.06 -4.52	56.16 2.11 -4.93	60.65 2.51 -4.68	62.86 3.53 -3.30	61.25 2.95 -3.58	54.65 2.44 -3.35	51.26 2.46 -3.26	46.45 2.23 -2.86	41.77 1.91 -1.74	38.95 1.68 -0.78
CRICKET__VALLEY_CC3 323758	41.97 1.88 -1.78	38.42 1.73 0.00	37.83 1.56 0.00	35.00 1.47 0.00	36.03 1.52 0.00	38.22 1.68 0.00	46.72 2.14 0.00	54.02 2.35 -1.64	55.86 2.31 -3.45	56.99 2.35 -4.62	55.77 2.15 -4.79	52.13 2.15 -4.17	51.86 2.10 -4.18	53.08 2.09 -4.56	52.21 2.06 -4.52	56.16 2.11 -4.93	60.65 2.51 -4.68	62.86 3.53 -3.30	61.25 2.95 -3.58	54.65 2.44 -3.35	51.26 2.46 -3.26	46.45 2.23 -2.86	41.77 1.91 -1.74	38.95 1.68 -0.78
CRUCIBLE__METL_DRP 24180	37.74 -0.57 0.00	36.14 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	35.99 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.12 -0.69 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.42 -0.62 0.00	54.00 -0.71 0.00	48.17 -0.68 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00
DAHOWA__HYDRO 323763	41.08 2.18 -0.58	38.79 2.09 0.00	38.20 1.92 0.00	35.27 1.74 0.00	36.31 1.79 0.00	38.59 2.05 0.00	47.07 2.49 0.00	53.47 2.90 -0.54	54.24 3.01 -1.13	54.32 2.80 -1.51	53.13 2.73 -1.56	49.78 2.61 -1.36	49.40 2.46 -1.37	50.24 2.32 -1.49	49.35 2.24 -1.48	53.23 2.50 -1.61	57.81 2.83 -1.53	60.92 3.81 -1.08	59.27 3.39 -1.17	52.69 2.73 -1.09	49.12 2.50 -1.06	44.48 2.19 -0.94	40.71 2.02 -0.57	38.60 1.86 -0.26
DANC__LFGE 323619	37.40 -0.92 0.00	35.67 -1.03 0.00	35.40 -0.87 0.00	32.65 -0.87 0.00	33.62 -0.90 0.00	35.67 -0.88 0.00	43.64 -0.94 0.00	49.43 -0.60 0.00	49.51 -0.60 0.00	49.57 -0.45 0.00	48.59 -0.24 0.00	45.44 -0.37 0.00	45.17 -0.41 0.00	46.01 -0.42 0.00	45.04 -0.59 0.00	48.33 -0.79 0.00	52.49 -0.96 0.00	54.97 -1.07 0.00	53.62 -1.09 0.00	47.88 -0.98 0.00	44.64 -0.91 0.00	40.48 -0.87 0.00	37.21 -0.92 0.00	35.61 -0.88 0.00
DANSKAMMER__1 23586	40.69 2.38 0.00	38.86 2.16 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.44 2.86 0.00	53.19 3.15 0.00	53.21 3.11 0.00	53.02 3.00 0.00	51.67 2.83 0.00	48.55 2.75 0.00	48.17 2.60 0.00	48.89 2.46 0.00	48.10 2.46 0.00	51.81 2.70 0.00	56.61 3.15 0.00	60.24 4.20 0.00	58.21 3.50 0.00	51.94 3.08 0.00	48.74 3.19 0.00	44.17 2.81 0.00	40.53 2.40 0.00	38.53 2.04 0.00
DANSKAMMER__2 23589	40.69 2.38 0.00	38.86 2.16 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.44 2.86 0.00	53.19 3.15 0.00	53.21 3.11 0.00	53.02 3.00 0.00	51.67 2.83 0.00	48.55 2.75 0.00	48.17 2.60 0.00	48.89 2.46 0.00	48.10 2.46 0.00	51.81 2.70 0.00	56.61 3.15 0.00	60.24 4.20 0.00	58.21 3.50 0.00	51.94 3.08 0.00	48.74 3.19 0.00	44.17 2.81 0.00	40.53 2.40 0.00	38.53 2.04 0.00
DANSKAMMER__3 23590	40.69 2.38 0.00	38.86 2.16 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.44 2.86 0.00	53.19 3.15 0.00	53.21 3.11 0.00	53.02 3.00 0.00	51.67 2.83 0.00	48.55 2.75 0.00	48.17 2.60 0.00	48.89 2.46 0.00	48.10 2.46 0.00	51.81 2.70 0.00	56.61 3.15 0.00	60.24 4.20 0.00	58.21 3.50 0.00	51.94 3.08 0.00	48.74 3.19 0.00	44.17 2.81 0.00	40.53 2.40 0.00	38.53 2.04 0.00

DANSKAMMER___4 23591	40.69 2.38 0.00	38.86 2.16 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.44 2.86 0.00	53.19 3.15 0.00	53.21 3.11 0.00	53.02 3.00 0.00	51.67 2.83 0.00	48.55 2.75 0.00	48.17 2.60 0.00	48.89 2.46 0.00	48.10 2.46 0.00	51.81 2.70 0.00	56.61 3.15 0.00	60.24 4.20 0.00	58.21 3.50 0.00	51.94 3.08 0.00	48.74 3.19 0.00	44.17 2.81 0.00	40.53 2.40 0.00	38.53 2.04 0.00
DANSKAMMER___DIESEL 23592	40.73 2.41 0.00	38.86 2.17 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.43 2.85 0.00	53.18 3.15 0.00	53.21 3.11 0.00	53.02 3.00 0.00	51.67 2.83 0.00	48.60 2.79 0.00	48.18 2.60 0.00	48.89 2.46 0.00	48.15 2.51 0.00	51.82 2.70 0.00	56.61 3.15 0.00	60.24 4.20 0.00	58.10 3.39 0.00	51.94 3.08 0.00	48.78 3.23 0.00	44.16 2.81 0.00	40.53 2.40 0.00	38.53 2.04 0.00
DARBY___SOLAR 323810	40.97 2.07 -0.59	38.68 1.98 0.00	38.12 1.85 0.00	35.20 1.68 0.00	36.24 1.73 0.00	38.48 1.94 0.00	46.94 2.36 0.00	53.27 2.70 -0.54	54.05 2.80 -1.14	54.19 2.65 -1.52	52.95 2.54 -1.58	49.61 2.43 -1.38	49.28 2.32 -1.38	50.12 2.18 -1.50	49.27 2.15 -1.49	53.10 2.36 -1.63	57.67 2.67 -1.54	60.71 3.59 -1.09	59.06 3.17 -1.18	52.55 2.59 -1.11	48.99 2.37 -1.08	44.36 2.07 -0.94	40.60 1.91 -0.57	38.53 1.79 -0.26
DASHVILLE___HYD 23610	40.71 2.68 0.29	39.12 2.42 0.00	38.45 2.18 0.00	35.50 1.98 0.00	36.59 2.07 0.00	38.95 2.41 0.00	47.83 3.25 0.00	53.38 3.60 0.26	53.03 3.46 0.54	52.60 3.30 0.72	51.21 3.13 0.75	48.18 3.02 0.65	47.80 2.87 0.65	48.64 2.93 0.71	47.95 3.01 0.70	51.69 3.34 0.77	56.63 3.90 0.73	60.51 4.99 0.51	58.31 4.16 0.56	51.90 3.57 0.52	48.64 3.60 0.51	44.01 3.10 0.44	40.49 2.63 0.27	38.59 2.23 0.12
DEERFIELD_69_KV_DEERFIELD LD 355887	45.05 4.06 -2.68	40.25 3.56 0.00	39.36 3.08 0.00	36.51 2.98 0.00	37.87 3.35 0.00	40.09 3.54 0.00	49.04 4.46 0.00	58.40 5.90 -2.47	60.51 5.21 -5.19	61.77 4.80 -6.95	61.27 5.23 -7.21	57.40 5.31 -6.28	56.93 5.06 -6.29	58.54 5.25 -6.87	58.06 5.61 -6.80	62.68 6.14 -7.42	67.82 7.32 -7.04	69.23 8.24 -4.96	66.94 6.84 -5.39	59.72 5.81 -5.04	55.78 5.33 -4.90	49.71 4.05 -4.31	44.06 3.32 -2.62	40.91 3.25 -1.18
DELAWARE___LFGE 323621	38.99 1.00 0.33	37.61 0.92 0.00	37.22 0.94 0.00	34.36 0.84 0.00	35.41 0.90 0.00	37.46 0.91 0.00	45.87 1.29 0.00	51.28 1.55 0.31	51.06 1.60 0.65	50.75 1.60 0.87	49.50 1.56 0.90	46.44 1.42 0.78	46.16 1.37 0.79	46.92 1.35 0.86	46.11 1.32 0.85	49.61 1.42 0.93	54.29 1.71 0.88	57.50 2.07 0.61	55.80 1.75 0.66	49.76 1.51 0.62	46.36 1.41 0.60	42.11 1.28 0.53	38.87 1.07 0.32	37.25 0.91 0.14
DERFIELD_115KV_TB7 355931	38.43 0.11 0.00	36.81 0.11 0.00	36.38 0.11 0.00	33.63 0.10 0.00	34.66 0.14 0.00	36.65 0.11 0.00	44.71 0.13 0.00	50.18 0.15 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.03 0.20 0.00	45.99 0.18 0.00	45.76 0.18 0.00	46.57 0.14 0.00	45.77 0.14 0.00	49.26 0.15 0.00	53.62 0.16 0.00	56.37 0.34 0.00	54.93 0.22 0.00	49.01 0.15 0.00	45.68 0.14 0.00	41.48 0.12 0.00	38.24 0.11 0.00	36.59 0.11 0.00
DOGLEVILLE___HYD 23807	39.62 1.30 0.00	37.94 1.25 0.00	37.54 1.27 0.00	34.70 1.17 0.00	35.80 1.28 0.00	37.90 1.35 0.00	46.23 1.65 0.00	51.83 1.80 0.00	51.91 1.80 0.00	51.87 1.85 0.00	50.64 1.81 0.00	47.45 1.65 0.00	47.22 1.64 0.00	48.05 1.62 0.00	47.19 1.55 0.00	50.69 1.57 0.00	55.17 1.71 0.00	57.88 1.85 0.00	56.35 1.64 0.00	50.28 1.42 0.00	46.82 1.27 0.00	42.55 1.20 0.00	39.23 1.11 0.00	37.47 0.99 0.00
DUNKIRK___115KV_TB_200 55889	37.09 -1.23 0.00	35.56 -1.14 0.00	35.04 -1.23 0.00	32.35 -1.17 0.00	33.45 -1.07 0.00	35.89 -0.66 0.00	43.87 -0.71 0.00	48.38 -1.65 0.00	48.70 -1.40 0.00	48.77 -1.25 0.00	47.91 -0.93 0.00	44.20 -1.60 0.00	44.21 -1.37 0.00	45.69 -0.74 0.00	44.77 -0.87 0.00	48.48 -0.64 0.00	51.80 -1.66 0.00	54.52 -1.51 0.00	53.29 -1.42 0.00	47.34 -1.51 0.00	43.45 -2.10 0.00	40.03 -1.32 0.00	37.13 -0.99 0.00	36.23 -0.26 0.00
DUNKIRK___1 23563	37.09 -1.23 0.00	35.56 -1.14 0.00	35.04 -1.23 0.00	32.35 -1.17 0.00	33.45 -1.07 0.00	35.89 -0.66 0.00	43.87 -0.71 0.00	48.38 -1.65 0.00	48.70 -1.40 0.00	48.77 -1.25 0.00	47.91 -0.93 0.00	44.20 -1.60 0.00	44.21 -1.37 0.00	45.69 -0.74 0.00	44.77 -0.87 0.00	48.48 -0.64 0.00	51.80 -1.66 0.00	54.52 -1.51 0.00	53.29 -1.42 0.00	47.34 -1.51 0.00	43.45 -2.10 0.00	40.03 -1.32 0.00	37.13 -0.99 0.00	36.23 -0.26 0.00
DUNKIRK___2 23564	37.09 -1.23 0.00	35.56 -1.14 0.00	35.04 -1.23 0.00	32.35 -1.17 0.00	33.45 -1.07 0.00	35.89 -0.66 0.00	43.87 -0.71 0.00	48.38 -1.65 0.00	48.70 -1.40 0.00	48.77 -1.25 0.00	47.91 -0.93 0.00	44.20 -1.60 0.00	44.21 -1.37 0.00	45.69 -0.74 0.00	44.77 -0.87 0.00	48.48 -0.64 0.00	51.80 -1.66 0.00	54.52 -1.51 0.00	53.29 -1.42 0.00	47.34 -1.51 0.00	43.45 -2.10 0.00	40.03 -1.32 0.00	37.13 -0.99 0.00	36.23 -0.26 0.00
DUNKIRK___3 23565	36.94 -1.38 0.00	35.41 -1.28 0.00	34.90 -1.38 0.00	32.25 -1.27 0.00	33.31 -1.21 0.00	35.48 -1.06 0.00	43.24 -1.34 0.00	47.58 -2.45 0.00	47.90 -2.20 0.00	47.97 -2.05 0.00	47.13 -1.71 0.00	43.51 -2.29 0.00	43.53 -2.05 0.00	44.90 -1.53 0.00	44.04 -1.60 0.00	47.74 -1.38 0.00	51.48 -1.98 0.00	54.13 -1.91 0.00	52.90 -1.81 0.00	47.05 -1.81 0.00	43.18 -2.37 0.00	39.78 -1.57 0.00	36.91 -1.22 0.00	36.01 -0.47 0.00
DUNKIRK___4 23566	36.94 -1.38 0.00	35.41 -1.28 0.00	34.90 -1.38 0.00	32.25 -1.27 0.00	33.31 -1.21 0.00	35.48 -1.06 0.00	43.24 -1.34 0.00	47.58 -2.45 0.00	47.90 -2.20 0.00	47.97 -2.05 0.00	47.13 -1.71 0.00	43.51 -2.29 0.00	43.53 -2.05 0.00	44.90 -1.53 0.00	44.04 -1.60 0.00	47.74 -1.38 0.00	51.48 -1.98 0.00	54.13 -1.91 0.00	52.90 -1.81 0.00	47.05 -1.81 0.00	43.18 -2.37 0.00	39.78 -1.57 0.00	36.91 -1.22 0.00	36.01 -0.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.34 2.34 -2.68	38.75 2.05 0.00	38.09 1.81 0.00	35.24 1.71 0.00	36.31 1.79 0.00	38.59 2.05 0.00	47.21 2.63 0.00	55.46 2.95 -2.48	58.22 2.91 -5.21	59.89 2.90 -6.97	58.80 2.73 -7.23	54.81 2.70 -6.30	54.54 2.64 -6.31	55.97 2.65 -6.89	55.20 2.74 -6.83	59.41 2.85 -7.45	63.83 3.31 -7.06	65.38 4.37 -4.97	63.79 3.67 -5.41	57.09 3.18 -5.06	53.61 3.14 -4.92	48.53 2.85 -4.32	43.11 2.36 -2.62	39.71 2.04 -1.18
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.77 1.95 1.50	38.42 1.72 0.00	37.80 1.52 0.00	34.93 1.41 0.00	36.00 1.48 0.00	38.26 1.72 0.00	46.90 2.32 0.00	51.22 2.55 1.37	49.69 2.46 2.87	48.57 2.40 3.85	47.14 2.30 3.99	44.57 2.24 3.48	44.24 2.14 3.48	44.76 2.14 3.80	44.06 2.19 3.77	47.36 2.36 4.11	52.34 2.78 3.90	56.99 3.70 2.74	54.73 3.01 2.98	48.71 2.64 2.79	45.52 2.69 2.71	41.33 2.36 2.38	38.66 1.98 1.45	37.48 1.64 0.65

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.64 2.64 -2.68	38.97 2.28 0.00	38.23 1.96 0.00	35.44 1.91 0.00	36.52 2.00 0.00	38.66 2.12 0.00	47.17 2.59 0.00	55.26 2.75 -2.47	58.01 2.71 -5.20	59.68 2.70 -6.97	58.59 2.54 -7.22	54.52 2.43 -6.29	54.30 2.42 -6.31	55.72 2.41 -6.88	54.96 2.51 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.20 4.20 -4.97	63.56 3.45 -5.40	56.89 2.98 -5.05	53.42 2.96 -4.91	48.48 2.81 -4.32	43.07 2.33 -2.62	39.74 2.08 -1.18
E179THST_13_KV_LOAD 356214	43.79 2.80 -2.68	39.12 2.42 0.00	38.38 2.10 0.00	35.54 2.01 0.00	36.62 2.11 0.00	38.77 2.23 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.93 2.95 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.53 2.64 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.45 2.90 -7.44	63.82 3.31 -7.05	65.48 4.48 -4.97	63.83 3.72 -5.40	57.14 3.22 -5.05	53.65 3.19 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.89 2.23 -1.18
EAST HAMPTON___GT 23717	44.71 3.72 -2.68	40.14 3.45 0.00	39.32 3.05 0.00	36.54 3.02 0.00	37.97 3.45 0.00	40.27 3.73 0.00	49.35 4.77 0.00	58.91 6.41 -2.47	61.01 5.71 -5.19	62.27 5.30 -6.95	61.80 5.76 -7.21	57.90 5.82 -6.28	57.39 5.51 -6.29	59.01 5.71 -6.87	58.47 6.02 -6.80	63.07 6.53 -7.42	68.30 7.80 -7.04	69.62 8.63 -4.96	67.27 7.17 -5.39	59.81 5.91 -5.04	55.64 5.19 -4.90	49.67 4.01 -4.31	43.83 3.09 -2.62	40.69 3.03 -1.18
EAST RIVER___6 23660	43.37 2.38 -2.68	38.79 2.09 0.00	38.09 1.81 0.00	35.20 1.68 0.00	36.28 1.76 0.00	38.59 2.05 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.89 2.79 -6.29	54.72 2.83 -6.31	56.15 2.83 -6.89	55.34 2.88 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.06	65.65 4.65 -4.97	64.06 3.94 -5.41	57.24 3.32 -5.06	53.79 3.32 -4.92	48.73 3.06 -4.32	43.22 2.48 -2.62	39.74 2.08 -1.18
EAST RIVER___7 23524	43.37 2.38 -2.68	38.79 2.09 0.00	38.09 1.81 0.00	35.20 1.68 0.00	36.28 1.76 0.00	38.59 2.05 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.89 2.79 -6.29	54.72 2.83 -6.31	56.15 2.83 -6.89	55.34 2.88 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.06	65.65 4.65 -4.97	64.06 3.94 -5.41	57.24 3.32 -5.06	53.79 3.32 -4.92	48.73 3.06 -4.32	43.22 2.48 -2.62	39.74 2.08 -1.18
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.30 2.22 -2.76	38.64 1.94 0.00	38.02 1.74 0.00	35.17 1.64 0.00	36.24 1.73 0.00	38.48 1.94 0.00	47.08 2.50 0.00	55.38 2.80 -2.55	58.22 2.76 -5.36	59.94 2.75 -7.17	58.86 2.59 -7.43	54.85 2.57 -6.48	54.58 2.51 -6.49	56.02 2.51 -7.09	55.26 2.60 -7.02	59.47 2.70 -7.66	63.87 3.15 -7.26	65.35 4.20 -5.12	63.72 3.45 -5.56	57.04 2.98 -5.20	53.61 3.01 -5.06	48.49 2.69 -4.45	43.07 2.25 -2.70	39.63 1.93 -1.21
EAST_HAMPTON___DIESEL 23722	44.63 3.64 -2.68	40.11 3.41 0.00	39.28 3.01 0.00	36.51 2.98 0.00	37.97 3.45 0.00	40.23 3.69 0.00	49.30 4.72 0.00	58.86 6.35 -2.47	61.01 5.71 -5.19	62.27 5.30 -6.95	61.80 5.76 -7.21	57.90 5.82 -6.28	57.39 5.51 -6.29	59.01 5.71 -6.87	58.47 6.02 -6.80	63.07 6.53 -7.42	68.25 7.75 -7.04	69.57 8.57 -4.96	67.21 7.11 -5.39	59.76 5.86 -5.04	55.60 5.15 -4.90	49.59 3.93 -4.31	43.75 3.01 -2.62	40.61 2.95 -1.18
EAST_POINT___SOLAR 323840	41.21 2.49 -0.41	39.01 2.31 0.00	38.49 2.21 0.00	35.50 1.98 0.00	36.59 2.07 0.00	39.03 2.49 0.00	47.83 3.25 0.00	54.31 3.91 -0.37	54.60 3.71 -0.79	53.82 2.75 -1.05	52.61 2.68 -1.09	48.63 1.88 -0.95	48.22 1.69 -0.95	49.51 2.04 -1.04	48.45 1.78 -1.03	52.99 2.75 -1.12	58.10 3.58 -1.07	61.38 4.60 -0.75	59.96 4.43 -0.82	53.29 3.67 -0.77	49.57 3.28 -0.74	44.94 2.94 -0.65	40.93 2.40 -0.40	38.74 2.08 -0.18
EAST_PULASKI___ESR 323781	37.36 -0.96 0.00	35.71 -0.99 0.00	35.37 -0.91 0.00	32.62 -0.90 0.00	33.59 -0.93 0.00	35.63 -0.91 0.00	43.56 -1.02 0.00	49.03 -1.00 0.00	49.10 -1.00 0.00	49.12 -0.90 0.00	48.05 -0.78 0.00	44.93 -0.87 0.00	44.71 -0.87 0.00	45.59 -0.83 0.00	44.73 -0.91 0.00	48.08 -1.03 0.00	52.28 -1.18 0.00	54.85 -1.18 0.00	53.45 -1.26 0.00	47.69 -1.17 0.00	44.45 -1.09 0.00	40.40 -0.95 0.00	37.17 -0.95 0.00	35.61 -0.88 0.00
EAST_RIVER___1 323558	43.45 2.45 -2.68	38.90 2.20 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.41 1.90 0.00	38.70 2.16 0.00	47.44 2.86 0.00	55.66 3.15 -2.47	58.42 3.11 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.94 2.84 -6.29	54.76 2.87 -6.31	56.15 2.83 -6.89	55.38 2.92 -6.82	59.65 3.10 -7.44	64.10 3.58 -7.06	65.65 4.65 -4.97	64.11 3.99 -5.41	57.28 3.37 -5.06	53.84 3.37 -4.92	48.81 3.14 -4.32	43.30 2.55 -2.62	39.85 2.19 -1.18
EAST_RIVER___2 323559	43.37 2.38 -2.68	38.79 2.09 0.00	38.09 1.81 0.00	35.20 1.68 0.00	36.28 1.76 0.00	38.59 2.05 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.89 2.79 -6.29	54.72 2.83 -6.31	56.15 2.83 -6.89	55.34 2.88 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.06	65.65 4.65 -4.97	64.06 3.94 -5.41	57.24 3.32 -5.06	53.79 3.32 -4.92	48.73 3.06 -4.32	43.22 2.48 -2.62	39.74 2.08 -1.18
EAST___DELAWARE_HYD 23607	39.47 2.42 1.26	38.86 2.16 0.00	38.27 1.99 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.74 2.19 0.00	47.61 3.03 0.00	52.23 3.35 1.16	50.93 3.26 2.43	49.86 3.10 3.25	48.39 2.93 3.37	45.66 2.79 2.94	45.32 2.69 2.95	45.95 2.74 3.21	45.24 2.78 3.18	48.74 3.10 3.47	53.85 3.69 3.30	58.36 4.65 2.32	56.13 3.94 2.52	49.82 3.32 2.36	46.58 3.32 2.29	42.19 2.85 2.02	39.31 2.40 1.22	37.98 2.04 0.55
EIGHT_POINT___WT_PWR 323820	37.86 -0.46 0.00	36.22 -0.48 0.00	35.84 -0.43 0.00	33.06 -0.47 0.00	34.14 -0.38 0.00	36.36 -0.18 0.00	44.58 0.00 0.00	49.38 -0.65 0.00	49.45 -0.65 0.00	49.21 -0.80 0.00	48.00 -0.83 0.00	44.29 -1.51 0.00	44.21 -1.37 0.00	45.36 -1.07 0.00	44.73 -0.91 0.00	48.13 -0.98 0.00	52.28 -1.18 0.00	55.03 -1.01 0.00	53.78 -0.93 0.00	47.83 -1.03 0.00	44.32 -1.23 0.00	40.65 -0.70 0.00	37.67 -0.46 0.00	36.48 0.00 0.00
ELBRIDGE_115KV_TB2 80188	37.55 -0.77 0.00	35.96 -0.73 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.79 -0.72 0.00	35.85 -0.69 0.00	43.82 -0.76 0.00	49.08 -0.95 0.00	49.15 -0.95 0.00	49.07 -0.95 0.00	47.96 -0.88 0.00	44.89 -0.92 0.00	44.67 -0.91 0.00	45.55 -0.88 0.00	44.77 -0.87 0.00	48.23 -0.88 0.00	52.44 -1.02 0.00	55.19 -0.84 0.00	53.78 -0.93 0.00	47.93 -0.93 0.00	44.64 -0.91 0.00	40.61 -0.74 0.00	37.36 -0.76 0.00	35.83 -0.66 0.00
ELEC_TRO_TEK 24086	43.87 2.87 -2.68	39.08 2.39 0.00	38.31 2.03 0.00	35.44 1.91 0.00	36.59 2.07 0.00	38.74 2.19 0.00	47.39 2.81 0.00	56.00 3.50 -2.47	58.41 3.11 -5.19	59.87 2.90 -6.95	59.07 3.03 -7.21	55.24 3.16 -6.28	54.84 2.96 -6.29	56.36 3.06 -6.87	55.77 3.33 -6.80	60.12 3.59 -7.42	64.83 4.33 -7.04	66.32 5.32 -4.96	64.42 4.32 -5.39	57.66 3.76 -5.04	54.10 3.64 -4.90	48.64 2.98 -4.31	43.26 2.52 -2.62	39.96 2.30 -1.18

ELLENBURG_WT_PWR 323604	38.09 -0.23 0.00	36.44 -0.26 0.00	36.09 -0.18 0.00	33.39 -0.13 0.00	34.14 -0.38 0.00	36.18 -0.37 0.00	44.36 -0.22 0.00	50.38 0.35 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.27 0.44 0.00	46.26 0.46 0.00	46.17 0.59 0.00	47.13 0.70 0.00	46.19 0.55 0.00	49.80 0.69 0.00	54.04 0.59 0.00	55.76 -0.28 0.00	54.76 0.05 0.00	49.01 0.15 0.00	45.55 0.00 0.00	41.11 -0.25 0.00	37.86 -0.27 0.00	36.38 -0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.40 -1.92 0.00	34.86 -1.83 0.00	34.39 -1.89 0.00	31.72 -1.81 0.00	32.76 -1.76 0.00	34.83 -1.72 0.00	42.31 -2.27 0.00	46.48 -3.55 0.00	46.75 -3.36 0.00	46.92 -3.10 0.00	46.05 -2.78 0.00	42.55 -3.25 0.00	42.52 -3.05 0.00	43.88 -2.55 0.00	43.04 -2.60 0.00	46.66 -2.46 0.00	50.35 -3.10 0.00	52.90 -3.14 0.00	51.65 -3.06 0.00	45.93 -2.93 0.00	42.22 -3.33 0.00	38.91 -2.44 0.00	36.10 -2.02 0.00	35.28 -1.20 0.00
EMPIRE_CC_1 323656	40.07 1.03 -0.72	37.76 1.06 0.00	37.40 1.13 0.00	34.60 1.07 0.00	35.65 1.14 0.00	37.64 1.10 0.00	45.65 1.07 0.00	51.84 1.15 -0.66	52.60 1.10 -1.39	53.03 1.15 -1.86	51.79 1.03 -1.93	48.54 1.05 -1.68	48.26 1.00 -1.68	49.24 0.98 -1.84	48.37 0.91 -1.82	51.99 0.89 -1.99	56.35 1.01 -1.88	59.21 1.85 -1.33	57.57 1.42 -1.44	51.33 1.12 -1.35	48.00 1.14 -1.31	43.58 1.07 -1.15	39.97 1.14 -0.70	37.82 1.02 -0.31
EMPIRE_CC_2 323658	40.07 1.03 -0.72	37.76 1.06 0.00	37.40 1.13 0.00	34.60 1.07 0.00	35.65 1.14 0.00	37.64 1.10 0.00	45.65 1.07 0.00	51.84 1.15 -0.66	52.60 1.10 -1.39	53.03 1.15 -1.86	51.79 1.03 -1.93	48.54 1.05 -1.68	48.26 1.00 -1.68	49.24 0.98 -1.84	48.37 0.91 -1.82	51.99 0.89 -1.99	56.35 1.01 -1.88	59.21 1.85 -1.33	57.57 1.42 -1.44	51.33 1.12 -1.35	48.00 1.14 -1.31	43.58 1.07 -1.15	39.97 1.14 -0.70	37.82 1.02 -0.31
ENORWICH_115KV_TB1 80156	40.34 2.26 0.24	38.64 1.94 0.00	38.31 2.03 0.00	35.24 1.71 0.00	36.38 1.86 0.00	38.77 2.23 0.00	47.79 3.21 0.00	57.66 7.91 0.27	57.35 7.82 0.57	56.90 7.65 0.77	55.66 7.62 0.80	51.66 6.55 0.69	51.40 6.52 0.70	52.12 6.45 0.76	51.09 6.21 0.75	55.07 6.78 0.82	60.64 7.96 0.78	59.91 4.31 0.44	58.17 3.94 0.48	51.93 3.52 0.45	48.25 3.14 0.44	43.70 2.73 0.38	40.18 2.29 0.23	38.57 2.19 0.10
ERIE_ST__34_KV_TB1-2 80199	37.51 -0.80 0.00	35.92 -0.77 0.00	35.40 -0.87 0.00	32.69 -0.84 0.00	33.76 -0.76 0.00	35.89 -0.66 0.00	43.73 -0.85 0.00	48.08 -1.95 0.00	48.40 -1.70 0.00	48.47 -1.55 0.00	47.66 -1.17 0.00	44.06 -1.74 0.00	44.03 -1.55 0.00	45.41 -1.02 0.00	44.54 -1.10 0.00	48.28 -0.83 0.00	52.07 -1.39 0.00	54.80 -1.23 0.00	53.51 -1.20 0.00	47.59 -1.27 0.00	43.73 -1.82 0.00	40.24 -1.12 0.00	37.29 -0.84 0.00	36.37 -0.11 0.00
ERIE_WT_PWR 323693	36.90 -1.42 0.00	35.26 -1.43 0.00	34.75 -1.52 0.00	32.09 -1.44 0.00	33.14 -1.38 0.00	35.23 -1.31 0.00	42.84 -1.74 0.00	47.08 -2.95 0.00	47.35 -2.76 0.00	47.47 -2.55 0.00	46.64 -2.20 0.00	43.20 -2.61 0.00	43.07 -2.51 0.00	44.43 -2.00 0.00	43.76 -1.87 0.00	47.25 -1.87 0.00	51.00 -2.46 0.00	53.57 -2.46 0.00	52.41 -2.30 0.00	46.56 -2.30 0.00	42.77 -2.78 0.00	39.37 -1.98 0.00	36.56 -1.56 0.00	35.72 -0.77 0.00
ESPRGFLD_115KV_TB1 80157	39.58 1.26 0.00	37.83 1.14 0.00	37.40 1.12 0.00	34.50 0.97 0.00	35.59 1.07 0.00	37.79 1.24 0.00	46.41 1.83 0.00	52.38 2.35 0.00	52.41 2.30 0.00	52.02 2.00 0.00	50.84 2.00 0.00	47.45 1.65 0.00	47.17 1.60 0.00	48.05 1.63 0.00	47.10 1.46 0.00	50.98 1.87 0.00	55.75 2.30 0.00	58.84 2.80 0.00	57.23 2.52 0.00	51.01 2.15 0.00	47.46 1.91 0.00	43.05 1.70 0.00	39.38 1.26 0.00	37.54 1.06 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.62 0.31 0.00	36.99 0.29 0.00	36.53 0.25 0.00	33.69 0.17 0.00	34.76 0.24 0.00	36.87 0.33 0.00	45.20 0.62 0.00	50.38 0.35 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.18 0.34 0.00	46.03 0.23 0.00	45.81 0.23 0.00	46.75 0.32 0.00	45.91 0.27 0.00	49.51 0.39 0.00	53.88 0.43 0.00	57.04 1.01 0.00	55.53 0.82 0.00	49.49 0.64 0.00	46.05 0.50 0.00	41.85 0.50 0.00	38.47 0.34 0.00	36.85 0.36 0.00
ETNA____115KV_TB2 80207	38.62 0.31 0.00	36.99 0.29 0.00	36.53 0.25 0.00	33.69 0.17 0.00	34.76 0.24 0.00	36.87 0.33 0.00	45.20 0.62 0.00	50.38 0.35 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.18 0.34 0.00	46.03 0.23 0.00	45.81 0.23 0.00	46.75 0.32 0.00	45.91 0.27 0.00	49.51 0.39 0.00	53.88 0.43 0.00	57.04 1.01 0.00	55.53 0.82 0.00	49.49 0.64 0.00	46.05 0.50 0.00	41.85 0.50 0.00	38.47 0.34 0.00	36.85 0.36 0.00
EUCLID__115KV_TB2 356179	37.28 -1.03 0.00	35.70 -0.99 0.00	35.29 -0.98 0.00	32.59 -0.94 0.00	33.55 -0.97 0.00	35.59 -0.95 0.00	43.47 -1.11 0.00	48.68 -1.35 0.00	48.75 -1.35 0.00	48.72 -1.30 0.00	47.61 -1.22 0.00	44.57 -1.24 0.00	44.35 -1.23 0.00	45.22 -1.21 0.00	44.45 -1.19 0.00	47.89 -1.23 0.00	52.07 -1.39 0.00	54.75 -1.29 0.00	53.34 -1.37 0.00	47.59 -1.27 0.00	44.32 -1.23 0.00	40.28 -1.08 0.00	37.10 -1.03 0.00	35.57 -0.91 0.00
E_CANADA_CAP_HY 24051	40.39 1.73 -0.35	38.27 1.58 0.00	37.80 1.52 0.00	34.83 1.31 0.00	35.93 1.42 0.00	38.26 1.72 0.00	46.85 2.27 0.00	53.15 2.80 -0.32	53.48 2.70 -0.67	53.01 2.10 -0.89	51.91 2.15 -0.93	48.31 1.70 -0.81	47.94 1.55 -0.81	48.94 1.62 -0.88	47.93 1.42 -0.87	52.08 2.01 -0.95	56.93 2.57 -0.90	60.04 3.36 -0.64	58.58 3.17 -0.70	52.05 2.54 -0.65	48.46 2.28 -0.63	44.02 2.11 -0.56	40.14 1.68 -0.34	38.02 1.39 -0.15
E_CANADA_MHWK_HY 24050	39.62 1.30 0.00	37.94 1.25 0.00	37.54 1.27 0.00	34.70 1.17 0.00	35.80 1.28 0.00	37.90 1.35 0.00	46.23 1.65 0.00	51.83 1.80 0.00	51.91 1.80 0.00	51.87 1.85 0.00	50.64 1.81 0.00	47.45 1.65 0.00	47.22 1.64 0.00	48.05 1.62 0.00	47.19 1.55 0.00	50.69 1.57 0.00	55.17 1.71 0.00	57.88 1.85 0.00	56.35 1.64 0.00	50.28 1.42 0.00	46.82 1.27 0.00	42.55 1.20 0.00	39.23 1.11 0.00	37.47 0.99 0.00
E_FISHKILL__LBMP 23776	42.34 2.07 -1.96	38.57 1.87 0.00	37.94 1.67 0.00	35.10 1.58 0.00	36.17 1.66 0.00	38.37 1.83 0.00	46.94 2.36 0.00	54.49 2.65 -1.81	56.46 2.56 -3.80	57.66 2.55 -5.09	56.50 2.39 -5.28	52.78 2.38 -4.60	52.51 2.32 -4.61	53.78 2.32 -5.03	53.04 2.42 -4.98	57.01 2.46 -5.43	61.50 2.89 -5.16	63.59 3.92 -3.63	61.89 3.23 -3.95	55.34 2.78 -3.69	51.92 2.78 -3.59	46.99 2.48 -3.16	42.14 2.10 -1.91	39.17 1.82 -0.86
FALCON___SEABRD_CC1 323796	38.28 -0.04 0.00	36.66 -0.04 0.00	36.31 0.04 0.00	33.59 0.07 0.00	34.31 -0.21 0.00	36.43 -0.11 0.00	44.71 0.13 0.00	50.78 0.75 0.00	50.71 0.60 0.00	50.62 0.60 0.00	49.66 0.83 0.00	46.58 0.78 0.00	46.54 0.96 0.00	47.50 1.07 0.00	46.50 0.86 0.00	50.19 1.08 0.00	54.52 1.07 0.00	56.15 0.11 0.00	55.20 0.49 0.00	49.40 0.54 0.00	45.91 0.36 0.00	41.35 0.00 0.00	38.09 -0.04 0.00	36.63 0.15 0.00

FALCON___SEABRD_CC2 323797	38.28 -0.04 0.00	36.66 -0.04 0.00	36.31 0.04 0.00	33.59 0.07 0.00	34.31 -0.21 0.00	36.43 -0.11 0.00	44.71 0.13 0.00	50.78 0.75 0.00	50.71 0.60 0.00	50.62 0.60 0.00	49.66 0.83 0.00	46.58 0.78 0.00	46.54 0.96 0.00	47.50 1.07 0.00	46.50 0.86 0.00	50.19 1.08 0.00	54.52 1.07 0.00	56.15 0.11 0.00	55.20 0.49 0.00	49.40 0.54 0.00	45.91 0.36 0.00	41.35 0.00 0.00	38.09 -0.04 0.00	36.63 0.15 0.00
FAR ROCKAWAY___4 23548	44.41 3.41 -2.68	39.60 2.90 0.00	38.75 2.47 0.00	35.84 2.31 0.00	37.01 2.49 0.00	39.22 2.67 0.00	48.02 3.43 0.00	56.75 4.25 -2.47	59.11 3.81 -5.19	60.57 3.60 -6.95	59.85 3.81 -7.21	55.98 3.89 -6.28	55.56 3.69 -6.29	57.11 3.81 -6.87	56.50 4.06 -6.80	60.91 4.37 -7.42	65.79 5.29 -7.04	67.33 6.33 -4.96	65.41 5.31 -5.39	58.49 4.59 -5.04	54.87 4.42 -4.90	49.31 3.64 -4.31	43.80 3.05 -2.62	40.44 2.77 -1.18
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.53 2.53 -2.68	38.90 2.20 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.74 2.19 0.00	47.48 2.90 0.00	55.71 3.20 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.98 2.89 -6.29	54.76 2.87 -6.31	56.19 2.88 -6.89	55.42 2.97 -6.82	59.65 3.09 -7.44	64.10 3.58 -7.06	65.71 4.71 -4.97	64.05 3.94 -5.41	57.33 3.42 -5.05	53.88 3.42 -4.92	48.82 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.53 2.53 -2.68	38.90 2.20 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.74 2.19 0.00	47.48 2.90 0.00	55.71 3.20 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.98 2.89 -6.29	54.76 2.87 -6.31	56.19 2.88 -6.89	55.42 2.97 -6.82	59.65 3.09 -7.44	64.10 3.58 -7.06	65.71 4.71 -4.97	64.05 3.94 -5.41	57.33 3.42 -5.05	53.88 3.42 -4.92	48.82 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.49 2.49 -2.68	38.90 2.20 0.00	38.20 1.92 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.70 2.16 0.00	47.43 2.85 0.00	55.66 3.15 -2.47	58.42 3.11 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.98 2.89 -6.29	54.71 2.83 -6.31	56.15 2.83 -6.89	55.38 2.92 -6.82	59.65 3.09 -7.44	64.04 3.53 -7.06	65.66 4.65 -4.97	64.00 3.88 -5.41	57.28 3.37 -5.05	53.83 3.37 -4.92	48.77 3.10 -4.32	43.30 2.55 -2.62	39.85 2.19 -1.18
FARRAGUT___LBMP 323566	43.49 2.49 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.39 2.81 0.00	55.66 3.15 -2.47	58.37 3.06 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.94 2.84 -6.29	54.67 2.78 -6.31	56.10 2.79 -6.89	55.33 2.88 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.06	65.60 4.59 -4.97	63.94 3.83 -5.41	57.24 3.32 -5.05	53.79 3.33 -4.92	48.77 3.10 -4.32	43.26 2.52 -2.62	39.85 2.19 -1.18
FENNER___WINDPWR 24204	38.66 0.34 0.00	36.99 0.29 0.00	36.60 0.33 0.00	33.76 0.24 0.00	34.79 0.27 0.00	36.95 0.40 0.00	45.20 0.62 0.00	50.83 0.80 0.00	50.91 0.80 0.00	50.87 0.85 0.00	49.71 0.88 0.00	46.54 0.73 0.00	46.31 0.73 0.00	47.22 0.79 0.00	46.37 0.73 0.00	49.85 0.74 0.00	54.26 0.80 0.00	56.99 0.95 0.00	55.47 0.77 0.00	49.49 0.63 0.00	46.10 0.55 0.00	41.85 0.50 0.00	38.51 0.38 0.00	36.85 0.36 0.00
FIBERTEK___ENERGY 23856	37.74 -0.57 0.00	36.14 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	35.99 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.12 -0.69 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.42 -0.62 0.00	54.00 -0.71 0.00	48.17 -0.68 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00
FITZPATRICK____ 23598	36.78 -1.53 0.00	35.23 -1.47 0.00	34.82 -1.45 0.00	32.15 -1.38 0.00	33.14 -1.38 0.00	35.12 -1.43 0.00	42.84 -1.74 0.00	48.03 -2.00 0.00	48.10 -2.01 0.00	48.07 -1.95 0.00	46.93 -1.91 0.00	43.97 -1.83 0.00	43.75 -1.82 0.00	44.62 -1.81 0.00	43.86 -1.78 0.00	47.20 -1.92 0.00	51.37 -2.09 0.00	53.96 -2.07 0.00	52.63 -2.08 0.00	46.95 -1.91 0.00	43.72 -1.82 0.00	39.74 -1.61 0.00	36.60 -1.53 0.00	35.06 -1.42 0.00
FLOWRFLD_69_KV_BK1 356044	44.78 3.79 -2.68	39.92 3.23 0.00	38.99 2.72 0.00	36.11 2.58 0.00	37.31 2.80 0.00	39.50 2.96 0.00	48.24 3.66 0.00	57.30 4.80 -2.47	59.16 3.86 -5.19	60.52 3.55 -6.95	59.85 3.81 -7.21	56.07 3.99 -6.28	55.88 4.01 -6.29	57.48 4.18 -6.87	57.05 4.61 -6.80	61.55 5.01 -7.42	66.59 6.09 -7.04	68.11 7.12 -4.96	65.96 5.85 -5.39	58.98 5.08 -5.04	55.19 4.74 -4.90	49.38 3.72 -4.31	43.91 3.16 -2.62	40.69 3.03 -1.18
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.18 2.49 -0.37	38.93 2.24 0.00	38.31 2.03 0.00	35.37 1.84 0.00	36.45 1.93 0.00	38.77 2.23 0.00	47.52 2.94 0.00	53.64 3.25 -0.35	54.05 3.21 -0.74	54.11 3.10 -0.99	52.79 2.93 -1.03	49.58 2.89 -0.89	49.16 2.69 -0.90	50.01 2.60 -0.98	49.30 2.69 -0.97	53.02 2.85 -1.06	57.83 3.37 -1.00	61.11 4.37 -0.71	59.09 3.61 -0.77	52.80 3.22 -0.72	49.53 3.28 -0.70	44.86 2.89 -0.61	40.98 2.48 -0.37	38.77 2.12 -0.17
FORT ORANGE____ 23900	39.99 1.11 -0.56	37.83 1.14 0.00	37.40 1.13 0.00	34.63 1.10 0.00	35.65 1.14 0.00	37.68 1.13 0.00	45.56 0.98 0.00	51.60 1.05 -0.52	52.25 1.05 -1.09	52.48 1.00 -1.46	51.23 0.88 -1.52	48.04 0.92 -1.32	47.77 0.86 -1.33	48.71 0.84 -1.45	47.89 0.82 -1.43	51.56 0.89 -1.56	56.01 1.07 -1.48	58.87 1.79 -1.05	57.27 1.42 -1.14	51.00 1.07 -1.06	47.63 1.05 -1.03	43.25 0.99 -0.91	40.09 1.41 -0.55	38.01 1.28 -0.25
FORT_DRUM_COGEN 23780	37.47 -0.84 0.00	35.63 -1.06 0.00	35.51 -0.76 0.00	32.72 -0.80 0.00	33.65 -0.86 0.00	35.70 -0.84 0.00	43.82 -0.76 0.00	49.98 -0.05 0.00	50.06 -0.05 0.00	50.17 0.15 0.00	49.32 0.49 0.00	46.08 0.27 0.00	45.81 0.23 0.00	46.61 0.19 0.00	45.41 -0.23 0.00	48.67 -0.44 0.00	52.81 -0.64 0.00	55.14 -0.90 0.00	53.83 -0.88 0.00	48.17 -0.68 0.00	44.82 -0.73 0.00	40.53 -0.83 0.00	37.21 -0.92 0.00	35.65 -0.84 0.00
FOX_HILLS___ESR 323835	44.07 3.07 -2.69	39.42 2.72 -0.01	38.70 2.43 0.00	35.77 2.25 0.00	36.86 2.35 0.00	39.10 2.56 0.00	47.75 3.17 0.00	55.86 3.35 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	63.98 3.47 -7.05	65.71 4.71 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.06 3.39 -4.32	43.57 2.82 -2.62	40.22 2.55 -1.18
FPL FAR_ROCK_GT1 24212	44.33 3.33 -2.68	39.60 2.90 0.00	38.75 2.47 0.00	35.84 2.31 0.00	37.01 2.49 0.00	39.21 2.67 0.00	48.02 3.43 0.00	56.75 4.25 -2.47	59.11 3.81 -5.19	60.57 3.60 -6.95	59.85 3.81 -7.21	55.98 3.89 -6.28	55.56 3.69 -6.29	57.11 3.81 -6.87	56.46 4.02 -6.80	60.91 4.37 -7.42	65.79 5.29 -7.04	67.32 6.33 -4.96	65.52 5.42 -5.39	58.49 4.59 -5.04	54.78 4.33 -4.90	49.35 3.68 -4.31	43.80 3.05 -2.62	40.44 2.77 -1.18

FPL FAR_ROCK_GT2 23815	44.33 3.33 -2.68	39.60 2.90 0.00	38.75 2.47 0.00	35.84 2.31 0.00	37.01 2.49 0.00	39.21 2.67 0.00	48.02 3.43 0.00	56.75 4.25 -2.47	59.11 3.81 -5.19	60.57 3.60 -6.95	59.85 3.81 -7.21	55.98 3.89 -6.28	55.56 3.69 -6.29	57.11 3.81 -6.87	56.46 4.02 -6.80	60.91 4.37 -7.42	65.79 5.29 -7.04	67.32 6.33 -4.96	65.52 5.42 -5.39	58.49 4.59 -5.04	54.78 4.33 -4.90	49.35 3.68 -4.31	43.80 3.05 -2.62	40.44 2.77 -1.18
FRANKLIN_FALL_HYD 24054	38.55 0.23 0.00	36.84 0.15 0.00	36.53 0.25 0.00	33.79 0.27 0.00	34.41 -0.10 0.00	36.40 -0.15 0.00	44.62 0.04 0.00	50.98 0.95 0.00	50.91 0.80 0.00	50.92 0.90 0.00	50.25 1.42 0.00	47.09 1.28 0.00	46.99 1.41 0.00	47.91 1.49 0.00	46.60 0.96 0.00	50.15 1.03 0.00	54.42 0.96 0.00	55.92 -0.11 0.00	55.15 0.44 0.00	49.25 0.39 0.00	45.78 0.23 0.00	41.27 -0.08 0.00	38.05 -0.08 0.00	36.70 0.22 0.00
FREEPORT_EQUS_GT1 23764	44.14 3.14 -2.68	39.41 2.72 0.00	38.56 2.29 0.00	35.68 2.15 0.00	36.83 2.31 0.00	38.99 2.45 0.00	47.70 3.12 0.00	56.41 3.91 -2.47	58.71 3.41 -5.19	60.17 3.20 -6.95	59.41 3.37 -7.21	55.56 3.48 -6.28	55.16 3.28 -6.29	56.69 3.39 -6.87	56.09 3.65 -6.80	60.57 4.03 -7.42	65.36 4.86 -7.04	66.88 5.88 -4.96	65.08 4.98 -5.39	58.10 4.20 -5.04	54.41 3.96 -4.90	49.01 3.35 -4.31	43.56 2.82 -2.62	40.25 2.59 -1.18
FREEPORT___CT2 23818	44.14 3.14 -2.68	39.41 2.72 0.00	38.56 2.29 0.00	35.68 2.15 0.00	36.83 2.31 0.00	38.99 2.45 0.00	47.70 3.12 0.00	56.41 3.91 -2.47	58.71 3.41 -5.19	60.17 3.20 -6.95	59.41 3.37 -7.21	55.56 3.48 -6.28	55.16 3.28 -6.29	56.69 3.39 -6.87	56.09 3.65 -6.80	60.57 4.03 -7.42	65.36 4.86 -7.04	66.88 5.88 -4.96	65.08 4.98 -5.39	58.10 4.20 -5.04	54.41 3.96 -4.90	49.01 3.35 -4.31	43.56 2.82 -2.62	40.25 2.59 -1.18
FRESHKLS_33_KV_LOAD 356253	44.22 3.22 -2.69	39.60 2.90 -0.01	38.85 2.58 0.00	35.91 2.38 0.00	37.00 2.49 0.00	39.25 2.70 0.00	47.88 3.30 0.00	56.01 3.50 -2.47	58.62 3.31 -5.20	60.28 3.30 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.74 3.19 -7.44	64.04 3.53 -7.05	65.77 4.76 -4.97	64.32 4.21 -5.40	57.58 3.66 -5.05	54.01 3.55 -4.91	49.14 3.47 -4.32	43.72 2.97 -2.62	40.36 2.70 -1.18
FULTON COGEN____ 23766	37.17 -1.15 0.00	35.59 -1.10 0.00	35.19 -1.09 0.00	32.45 -1.07 0.00	33.45 -1.07 0.00	35.48 -1.06 0.00	43.33 -1.25 0.00	48.58 -1.45 0.00	48.65 -1.45 0.00	48.62 -1.40 0.00	47.52 -1.32 0.00	44.48 -1.33 0.00	44.26 -1.32 0.00	45.13 -1.30 0.00	44.36 -1.28 0.00	47.74 -1.38 0.00	51.96 -1.50 0.00	54.63 -1.40 0.00	53.23 -1.48 0.00	47.49 -1.37 0.00	44.23 -1.32 0.00	40.19 -1.16 0.00	36.98 -1.14 0.00	35.43 -1.06 0.00
FULTON___LFGE 323630	40.96 2.22 -0.42	38.79 2.09 0.00	38.27 1.99 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.74 2.19 0.00	47.44 2.86 0.00	53.82 3.40 -0.39	54.23 3.31 -0.82	53.86 2.75 -1.09	52.70 2.73 -1.13	49.08 2.29 -0.99	48.71 2.14 -0.99	49.69 2.18 -1.08	48.76 2.06 -1.07	52.88 2.60 -1.17	57.77 3.21 -1.11	60.90 4.09 -0.78	59.44 3.88 -0.85	52.83 3.17 -0.79	49.19 2.87 -0.77	44.60 2.56 -0.68	40.67 2.13 -0.41	38.53 1.86 -0.19
G.F.CEMENT___DRP 24184	41.11 2.22 -0.57	38.82 2.13 0.00	38.20 1.92 0.00	35.24 1.71 0.00	36.28 1.76 0.00	38.59 2.05 0.00	47.12 2.54 0.00	53.56 3.00 -0.53	54.37 3.16 -1.11	54.40 2.90 -1.48	53.30 2.93 -1.54	49.89 2.75 -1.34	49.52 2.60 -1.34	50.35 2.46 -1.46	49.46 2.37 -1.45	53.30 2.60 -1.58	57.90 2.94 -1.50	61.01 3.92 -1.06	59.31 3.45 -1.15	52.72 2.78 -1.08	49.10 2.51 -1.05	44.42 2.15 -0.92	40.63 1.94 -0.56	38.60 1.86 -0.25
GARDENVILLE___LBMP 24039	36.59 -1.72 0.00	35.08 -1.61 0.00	34.57 -1.70 0.00	31.92 -1.61 0.00	32.96 -1.55 0.00	35.04 -1.50 0.00	42.62 -1.96 0.00	46.83 -3.20 0.00	47.15 -2.96 0.00	47.27 -2.75 0.00	46.39 -2.44 0.00	42.87 -2.93 0.00	42.84 -2.73 0.00	44.20 -2.23 0.00	43.36 -2.28 0.00	47.00 -2.11 0.00	50.73 -2.73 0.00	53.29 -2.75 0.00	52.08 -2.63 0.00	46.32 -2.54 0.00	42.54 -3.01 0.00	39.20 -2.15 0.00	36.37 -1.75 0.00	35.54 -0.95 0.00
GARDNVLA_35_KV_LD 355827	36.82 -1.49 0.00	35.30 -1.39 0.00	34.79 -1.49 0.00	32.12 -1.41 0.00	33.17 -1.35 0.00	35.23 -1.32 0.00	42.84 -1.74 0.00	47.08 -2.95 0.00	47.40 -2.71 0.00	47.52 -2.50 0.00	46.64 -2.20 0.00	43.10 -2.70 0.00	43.07 -2.51 0.00	44.43 -2.00 0.00	43.58 -2.05 0.00	47.25 -1.87 0.00	51.05 -2.41 0.00	53.62 -2.41 0.00	52.41 -2.30 0.00	46.61 -2.25 0.00	42.82 -2.73 0.00	39.45 -1.90 0.00	36.60 -1.53 0.00	35.72 -0.77 0.00
GELCKHM___115KV_LOAD 80723	37.43 -0.88 0.00	35.85 -0.84 0.00	35.44 -0.83 0.00	32.72 -0.80 0.00	33.72 -0.79 0.00	35.74 -0.80 0.00	43.64 -0.94 0.00	48.93 -1.10 0.00	49.00 -1.10 0.00	48.97 -1.05 0.00	47.81 -1.03 0.00	44.75 -1.05 0.00	44.58 -1.00 0.00	45.45 -0.98 0.00	44.68 -0.96 0.00	48.08 -1.03 0.00	52.28 -1.18 0.00	55.03 -1.01 0.00	53.62 -1.09 0.00	47.78 -1.07 0.00	44.50 -1.05 0.00	40.48 -0.87 0.00	37.29 -0.84 0.00	35.72 -0.77 0.00
GENERAL___MILLS 23808	36.78 -1.53 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.10 -1.42 0.00	35.19 -1.35 0.00	42.80 -1.78 0.00	46.98 -3.05 0.00	47.30 -2.81 0.00	47.42 -2.60 0.00	46.59 -2.25 0.00	43.06 -2.75 0.00	43.03 -2.55 0.00	44.39 -2.04 0.00	43.54 -2.10 0.00	47.20 -1.92 0.00	50.94 -2.51 0.00	53.51 -2.52 0.00	52.30 -2.41 0.00	46.51 -2.35 0.00	42.72 -2.82 0.00	39.37 -1.98 0.00	36.52 -1.60 0.00	35.68 -0.80 0.00
GE_PLASTICS___DRP 24183	39.80 0.92 -0.57	37.65 0.95 0.00	37.22 0.94 0.00	34.47 0.94 0.00	35.48 0.97 0.00	37.46 0.91 0.00	45.43 0.85 0.00	51.46 0.90 -0.52	52.11 0.90 -1.10	52.39 0.90 -1.48	51.19 0.83 -1.53	48.01 0.87 -1.33	47.73 0.82 -1.34	48.68 0.79 -1.46	47.86 0.78 -1.44	51.48 0.79 -1.57	55.86 0.91 -1.49	58.60 1.51 -1.05	57.00 1.15 -1.14	50.86 0.93 -1.07	47.50 0.91 -1.04	43.14 0.87 -0.91	39.82 1.14 -0.56	37.76 1.02 -0.25
GILBOA___1 23756	39.62 0.96 -0.34	37.72 1.03 0.00	37.40 1.13 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.46 0.91 0.00	45.69 1.11 0.00	51.55 1.20 -0.31	51.97 1.20 -0.66	52.10 1.20 -0.89	50.83 1.07 -0.92	47.70 1.10 -0.80	47.43 1.05 -0.80	48.32 1.02 -0.88	47.56 1.05 -0.87	51.14 1.08 -0.95	55.63 1.28 -0.90	58.51 1.85 -0.63	56.93 1.53 -0.69	50.77 1.27 -0.64	47.40 1.23 -0.63	43.02 1.12 -0.55	39.49 1.03 -0.33	37.55 0.91 -0.15
GILBOA___2 23757	39.62 0.96 -0.34	37.72 1.03 0.00	37.40 1.13 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.46 0.91 0.00	45.69 1.11 0.00	51.55 1.20 -0.31	51.97 1.20 -0.66	52.10 1.20 -0.89	50.83 1.07 -0.92	47.70 1.10 -0.80	47.43 1.05 -0.80	48.32 1.02 -0.88	47.56 1.05 -0.87	51.14 1.08 -0.95	55.63 1.28 -0.90	58.51 1.85 -0.63	56.93 1.53 -0.69	50.77 1.27 -0.64	47.40 1.23 -0.63	43.02 1.12 -0.55	39.49 1.03 -0.33	37.55 0.91 -0.15

GILBOA___3 23758	39.62 0.96 -0.34	37.72 1.03 0.00	37.40 1.13 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.46 0.91 0.00	45.69 1.11 0.00	51.55 1.20 -0.31	51.97 1.20 -0.66	52.10 1.20 -0.89	50.83 1.07 -0.92	47.70 1.10 -0.80	47.43 1.05 -0.80	48.32 1.02 -0.88	47.56 1.05 -0.87	51.14 1.08 -0.95	55.63 1.28 -0.90	58.51 1.85 -0.63	56.93 1.53 -0.69	50.77 1.27 -0.64	47.40 1.23 -0.63	43.02 1.12 -0.55	39.49 1.03 -0.33	37.55 0.91 -0.15
GILBOA___4 23759	39.62 0.96 -0.34	37.72 1.03 0.00	37.40 1.13 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.46 0.91 0.00	45.69 1.11 0.00	51.55 1.20 -0.31	51.97 1.20 -0.66	52.10 1.20 -0.89	50.83 1.07 -0.92	47.70 1.10 -0.80	47.43 1.05 -0.80	48.32 1.02 -0.88	47.56 1.05 -0.87	51.14 1.08 -0.95	55.63 1.28 -0.90	58.51 1.85 -0.63	56.93 1.53 -0.69	50.77 1.27 -0.64	47.40 1.23 -0.63	43.02 1.12 -0.55	39.49 1.03 -0.33	37.55 0.91 -0.15
GILBOA___ 23599	39.65 1.00 -0.34	37.72 1.03 0.00	37.40 1.12 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.46 0.91 0.00	45.69 1.11 0.00	51.55 1.20 -0.31	51.97 1.20 -0.66	52.10 1.20 -0.89	50.83 1.07 -0.92	47.70 1.10 -0.80	47.43 1.05 -0.80	48.33 1.02 -0.88	47.56 1.05 -0.87	51.14 1.08 -0.95	55.64 1.28 -0.90	58.52 1.85 -0.63	56.88 1.48 -0.69	50.77 1.27 -0.64	47.40 1.23 -0.63	43.02 1.12 -0.55	39.49 1.03 -0.33	37.55 0.91 -0.15
GINNA___ 23603	35.14 -3.18 0.00	33.65 -3.05 0.00	33.15 -3.12 0.00	30.61 -2.92 0.00	31.51 -3.00 0.00	33.55 -3.00 0.00	40.84 -3.74 0.00	45.68 -4.35 0.00	45.80 -4.31 0.00	45.87 -4.15 0.00	44.83 -4.00 0.00	41.82 -3.99 0.00	41.66 -3.92 0.00	42.62 -3.81 0.00	42.12 -3.51 0.00	45.33 -3.78 0.00	49.07 -4.38 0.00	51.50 -4.54 0.00	50.33 -4.38 0.00	44.80 -4.05 0.00	41.49 -4.05 0.00	37.80 -3.56 0.00	34.92 -3.20 0.00	33.64 -2.85 0.00
GLEN PARK___ 23778	37.66 -0.65 0.00	35.81 -0.88 0.00	35.66 -0.62 0.00	32.86 -0.67 0.00	33.79 -0.73 0.00	35.89 -0.66 0.00	44.05 -0.53 0.00	50.23 0.20 0.00	50.31 0.20 0.00	50.42 0.40 0.00	49.57 0.73 0.00	46.26 0.46 0.00	45.99 0.41 0.00	46.80 0.37 0.00	45.64 0.00 0.00	48.97 -0.15 0.00	53.19 -0.27 0.00	55.58 -0.45 0.00	54.22 -0.49 0.00	48.52 -0.34 0.00	45.18 -0.37 0.00	40.81 -0.54 0.00	37.44 -0.69 0.00	35.83 -0.66 0.00
GLENDALE_27_KV_LOAD 356172	43.79 2.80 -2.68	39.15 2.46 0.00	38.45 2.18 0.00	35.57 2.05 0.00	36.66 2.14 0.00	38.95 2.41 0.00	47.61 3.03 0.00	55.81 3.30 -2.47	58.57 3.26 -5.20	60.23 3.25 -6.97	59.08 3.03 -7.22	55.03 2.93 -6.29	54.80 2.92 -6.31	56.23 2.93 -6.88	55.47 3.01 -6.82	59.74 3.19 -7.44	64.14 3.63 -7.05	65.82 4.82 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.90 3.23 -4.32	43.41 2.67 -2.62	40.00 2.34 -1.18
GLENWOOD_IC_1_G5 23712	43.79 2.80 -2.68	39.08 2.39 0.00	38.31 2.03 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.77 2.23 0.00	47.48 2.90 0.00	55.65 3.15 -2.47	58.21 2.91 -5.19	59.72 2.75 -6.95	58.87 2.83 -7.21	54.97 2.89 -6.28	54.61 2.73 -6.29	56.08 2.79 -6.87	55.41 2.97 -6.80	59.73 3.19 -7.42	64.29 3.80 -7.04	65.81 4.82 -4.96	63.99 3.88 -5.39	57.27 3.37 -5.04	53.91 3.46 -4.90	48.76 3.10 -4.31	43.33 2.59 -2.62	39.96 2.30 -1.18
GLENWOOD_IC_2_G1 23688	43.48 2.49 -2.68	38.90 2.20 0.00	38.20 1.92 0.00	35.34 1.81 0.00	36.41 1.90 0.00	38.62 2.08 0.00	47.30 2.72 0.00	55.65 3.15 -2.47	58.26 2.96 -5.19	59.87 2.90 -6.95	58.87 2.83 -7.21	54.92 2.84 -6.28	54.61 2.73 -6.29	56.08 2.79 -6.87	55.37 2.92 -6.80	59.68 3.15 -7.42	64.18 3.69 -7.04	65.70 4.71 -4.96	64.09 3.99 -5.39	57.27 3.37 -5.04	53.78 3.32 -4.90	48.60 2.94 -4.31	43.18 2.44 -2.62	39.81 2.15 -1.18
GLENWOOD_IC_3_G1 23689	43.48 2.49 -2.68	38.90 2.20 0.00	38.20 1.92 0.00	35.34 1.81 0.00	36.41 1.90 0.00	38.62 2.08 0.00	47.30 2.72 0.00	55.65 3.15 -2.47	58.26 2.96 -5.19	59.87 2.90 -6.95	58.87 2.83 -7.21	54.92 2.84 -6.28	54.61 2.73 -6.29	56.08 2.79 -6.87	55.37 2.92 -6.80	59.68 3.15 -7.42	64.18 3.69 -7.04	65.70 4.71 -4.96	64.09 3.99 -5.39	57.27 3.37 -5.04	53.78 3.32 -4.90	48.60 2.94 -4.31	43.18 2.44 -2.62	39.81 2.15 -1.18
GLENWOOD___4 23550	43.79 2.80 -2.68	39.08 2.39 0.00	38.31 2.03 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.77 2.23 0.00	47.48 2.90 0.00	55.75 3.25 -2.47	58.31 3.01 -5.19	59.87 2.90 -6.95	58.97 2.93 -7.21	55.06 2.98 -6.28	54.70 2.83 -6.29	56.22 2.93 -6.87	55.55 3.10 -6.80	59.83 3.29 -7.42	64.45 3.96 -7.04	65.92 4.93 -4.96	64.15 4.05 -5.39	57.42 3.52 -5.04	53.96 3.51 -4.90	48.76 3.10 -4.31	43.33 2.59 -2.62	39.96 2.30 -1.18
GLENWOOD___5 23614	43.79 2.80 -2.68	39.08 2.39 0.00	38.31 2.03 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.77 2.23 0.00	47.48 2.90 0.00	55.75 3.25 -2.47	58.31 3.01 -5.19	59.87 2.90 -6.95	58.97 2.93 -7.21	55.06 2.98 -6.28	54.70 2.83 -6.29	56.22 2.93 -6.87	55.55 3.10 -6.80	59.83 3.29 -7.42	64.45 3.96 -7.04	65.92 4.93 -4.96	64.15 4.05 -5.39	57.42 3.52 -5.04	53.96 3.51 -4.90	48.76 3.10 -4.31	43.33 2.59 -2.62	39.96 2.30 -1.18
GLOBAL GREEN_PORT_GT1 23814	44.98 3.98 -2.68	40.33 3.63 0.00	39.47 3.19 0.00	36.64 3.12 0.00	38.04 3.52 0.00	40.31 3.76 0.00	49.35 4.77 0.00	58.86 6.35 -2.47	60.96 5.66 -5.19	62.27 5.30 -6.95	61.75 5.71 -7.21	57.86 5.77 -6.28	57.34 5.47 -6.29	58.96 5.66 -6.87	58.47 6.02 -6.80	63.12 6.58 -7.42	68.30 7.80 -7.04	69.73 8.74 -4.96	67.44 7.33 -5.39	60.01 6.11 -5.04	55.87 5.42 -4.90	49.88 4.22 -4.31	44.10 3.36 -2.62	40.91 3.25 -1.18
GLOBE___DSASP 323697	35.06 -3.26 0.00	33.65 -3.05 0.00	33.15 -3.12 0.00	30.61 -2.92 0.00	31.62 -2.90 0.00	33.55 -3.00 0.00	40.61 -3.97 0.00	44.43 -5.60 0.00	44.69 -5.41 0.00	44.92 -5.10 0.00	44.05 -4.79 0.00	40.72 -5.08 0.00	40.70 -4.88 0.00	41.97 -4.46 0.00	41.17 -4.47 0.00	44.69 -4.42 0.00	48.22 -5.24 0.00	50.54 -5.49 0.00	49.35 -5.36 0.00	43.92 -4.93 0.00	40.36 -5.19 0.00	37.26 -4.09 0.00	34.66 -3.47 0.00	33.97 -2.52 0.00
GOETHSLN___LBMP 323567	43.26 2.26 -2.68	38.64 1.94 0.00	37.98 1.70 0.00	35.10 1.58 0.00	36.17 1.66 0.00	38.48 1.94 0.00	47.17 2.59 0.00	55.31 2.80 -2.47	58.07 2.76 -5.21	59.74 2.75 -6.97	58.65 2.59 -7.22	54.66 2.57 -6.29	54.44 2.55 -6.31	55.82 2.51 -6.89	55.06 2.60 -6.82	59.26 2.70 -7.44	63.67 3.15 -7.06	65.26 4.26 -4.97	63.62 3.50 -5.41	56.94 3.03 -5.05	53.61 3.14 -4.92	48.61 2.94 -4.32	43.11 2.36 -2.62	39.67 2.01 -1.18
GOLAH___69_KV_TB 1_2 80279	36.59 -1.72 0.00	35.15 -1.54 0.00	34.64 -1.63 0.00	31.95 -1.58 0.00	32.93 -1.59 0.00	35.08 -1.46 0.00	42.57 -2.01 0.00	47.33 -2.70 0.00	47.50 -2.61 0.00	47.52 -2.50 0.00	46.44 -2.39 0.00	43.15 -2.66 0.00	43.03 -2.55 0.00	44.06 -2.37 0.00	43.36 -2.28 0.00	46.86 -2.26 0.00	50.78 -2.67 0.00	53.29 -2.75 0.00	52.25 -2.46 0.00	46.46 -2.39 0.00	42.86 -2.69 0.00	39.24 -2.11 0.00	36.33 -1.79 0.00	35.17 -1.31 0.00

GOODYEAR_LAKE_HYD 323669	39.50 1.19 0.00	37.76 1.06 0.00	37.36 1.09 0.00	34.47 0.94 0.00	35.55 1.04 0.00	37.68 1.13 0.00	46.14 1.56 0.00	52.03 2.00 0.00	52.11 2.00 0.00	51.97 1.95 0.00	50.79 1.95 0.00	47.50 1.69 0.00	47.26 1.69 0.00	48.10 1.67 0.00	47.24 1.60 0.00	50.88 1.77 0.00	55.59 2.14 0.00	58.56 2.52 0.00	56.90 2.19 0.00	50.76 1.91 0.00	47.32 1.78 0.00	42.88 1.53 0.00	39.35 1.22 0.00	37.54 1.06 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.10 0.04 0.25	36.73 0.04 0.00	36.31 0.04 0.00	33.49 -0.03 0.00	34.52 0.00 0.00	36.58 0.04 0.00	44.76 0.18 0.00	49.80 0.00 0.24	49.61 0.00 0.50	49.40 0.05 0.67	48.24 0.10 0.69	45.11 -0.09 0.60	44.93 -0.05 0.60	45.82 0.05 0.66	45.03 0.05 0.65	48.55 0.15 0.71	52.89 0.11 0.68	56.01 0.45 0.47	54.42 0.22 0.51	48.48 0.10 0.48	45.08 0.00 0.47	41.07 0.12 0.41	37.88 0.00 0.25	36.52 0.15 0.11
GOUDEY___7 23579	38.10 0.04 0.25	36.73 0.04 0.00	36.31 0.04 0.00	33.49 -0.03 0.00	34.52 0.00 0.00	36.58 0.04 0.00	44.76 0.18 0.00	49.80 0.00 0.24	49.61 0.00 0.50	49.40 0.05 0.67	48.24 0.10 0.69	45.11 -0.09 0.60	44.93 -0.05 0.60	45.82 0.05 0.66	45.03 0.05 0.65	48.55 0.15 0.71	52.89 0.11 0.68	56.01 0.45 0.47	54.42 0.22 0.51	48.48 0.10 0.48	45.08 0.00 0.47	41.07 0.12 0.41	37.88 0.00 0.25	36.52 0.15 0.11
GOUDEY___8 23580	38.10 0.04 0.25	36.73 0.04 0.00	36.31 0.04 0.00	33.49 -0.03 0.00	34.52 0.00 0.00	36.58 0.04 0.00	44.76 0.18 0.00	49.80 0.00 0.24	49.61 0.00 0.50	49.40 0.05 0.67	48.24 0.10 0.69	45.11 -0.09 0.60	44.93 -0.05 0.60	45.82 0.05 0.66	45.03 0.05 0.65	48.55 0.15 0.71	52.89 0.11 0.68	56.01 0.45 0.47	54.42 0.22 0.51	48.48 0.10 0.48	45.08 0.00 0.47	41.07 0.12 0.41	37.88 0.00 0.25	36.52 0.15 0.11
GOWANUS_GT1_1 24077	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT1_2 24078	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT1_3 24079	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT1_4 24080	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT1_5 24084	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT1_6 24111	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT1_7 24112	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT1_8 24113	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT2_1 24114	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT2_2 24115	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT2_3 24116	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18

GOWANUS_GT2_4 24117	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT2_5 24118	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT2_6 24119	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT2_7 24120	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT2_8 24121	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT3_1 24122	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT3_2 24123	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT3_3 24124	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT3_4 24125	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT3_5 24126	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT3_6 24127	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT3_7 24128	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT3_8 24129	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GOWANUS_GT4_1 24130	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT4_2 24131	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18

GOWANUS_GT4_3 24132	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT4_4 24133	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT4_5 24134	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT4_6 24135	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT4_7 24136	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GOWANUS_GT4_8 24137	43.92 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.18 3.20 -6.97	58.98 2.93 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.69 3.14 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.16 4.05 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
GREENBSH_115KV_TB3 55895	39.82 0.92 -0.59	37.61 0.92 0.00	37.22 0.94 0.00	34.47 0.94 0.00	35.48 0.97 0.00	37.46 0.91 0.00	45.29 0.71 0.00	51.32 0.75 -0.54	52.00 0.75 -1.14	52.29 0.75 -1.52	51.10 0.68 -1.58	47.91 0.73 -1.38	47.64 0.68 -1.38	48.54 0.60 -1.50	47.77 0.64 -1.49	51.33 0.59 -1.63	55.69 0.69 -1.54	58.52 1.40 -1.09	56.88 0.98 -1.18	50.75 0.78 -1.11	47.40 0.77 -1.07	43.08 0.79 -0.94	39.92 1.22 -0.57	37.84 1.09 -0.26
GREENDGE_115KV_TB5 80291	38.01 -0.31 0.00	36.40 -0.29 0.00	35.95 -0.33 0.00	33.12 -0.40 0.00	34.17 -0.35 0.00	36.36 -0.18 0.00	44.58 0.00 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.27 -0.75 0.00	48.10 -0.73 0.00	45.12 -0.69 0.00	44.94 -0.64 0.00	45.64 -0.79 0.00	44.86 -0.78 0.00	48.48 -0.64 0.00	52.65 -0.80 0.00	55.53 -0.50 0.00	54.11 -0.60 0.00	48.17 -0.68 0.00	45.00 -0.55 0.00	41.06 -0.29 0.00	37.78 -0.34 0.00	36.41 -0.07 0.00
GREENIDGE___3 23582	38.01 -0.31 0.00	36.40 -0.29 0.00	35.95 -0.33 0.00	33.12 -0.40 0.00	34.17 -0.35 0.00	36.36 -0.18 0.00	44.58 0.00 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.27 -0.75 0.00	48.10 -0.73 0.00	45.12 -0.69 0.00	44.94 -0.64 0.00	45.64 -0.79 0.00	44.86 -0.78 0.00	48.48 -0.64 0.00	52.65 -0.80 0.00	55.53 -0.50 0.00	54.11 -0.60 0.00	48.17 -0.68 0.00	45.00 -0.55 0.00	41.06 -0.29 0.00	37.78 -0.34 0.00	36.41 -0.07 0.00
GREENIDGE___4 23583	38.01 -0.31 0.00	36.40 -0.29 0.00	35.95 -0.33 0.00	33.13 -0.40 0.00	34.17 -0.35 0.00	36.36 -0.18 0.00	44.58 0.00 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.27 -0.75 0.00	48.10 -0.73 0.00	45.12 -0.69 0.00	44.94 -0.64 0.00	45.64 -0.79 0.00	45.37 -0.78 0.00	48.48 -0.64 0.00	52.65 -0.80 0.00	55.53 -0.51 0.00	54.16 -0.55 0.00	48.17 -0.68 0.00	45.00 -0.54 0.00	41.07 -0.29 0.00	37.78 -0.34 0.00	36.41 -0.07 0.00
GREENLWN_69_KV_BK 3 55738	44.21 3.22 -2.68	39.37 2.68 0.00	38.52 2.25 0.00	35.67 2.15 0.00	36.83 2.31 0.00	38.99 2.45 0.00	47.70 3.12 0.00	56.50 4.00 -2.47	58.81 3.51 -5.19	60.22 3.25 -6.95	59.46 3.42 -7.21	55.66 3.57 -6.28	55.25 3.37 -6.29	56.83 3.53 -6.87	56.28 3.83 -6.80	60.66 4.13 -7.42	65.52 5.02 -7.04	66.99 6.00 -4.96	65.03 4.92 -5.39	58.15 4.25 -5.04	54.55 4.10 -4.90	48.97 3.31 -4.31	43.52 2.78 -2.62	40.21 2.55 -1.18
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
GRISSOM___SOLAR 323813	40.89 2.14 -0.44	38.71 2.02 0.00	38.23 1.96 0.00	35.24 1.71 0.00	36.31 1.79 0.00	38.66 2.12 0.00	47.30 2.72 0.00	53.64 3.20 -0.40	54.11 3.16 -0.84	53.84 2.70 -1.13	52.64 2.64 -1.17	49.07 2.24 -1.02	48.74 2.14 -1.02	49.68 2.14 -1.12	48.75 2.01 -1.10	52.82 2.50 -1.21	57.64 3.05 -1.14	60.76 3.92 -0.81	59.31 3.72 -0.88	52.71 3.03 -0.82	49.08 2.73 -0.80	44.49 2.44 -0.70	40.61 2.06 -0.43	38.46 1.79 -0.19
GROVEVILLE___HYD 323602	41.18 2.49 -0.37	38.93 2.24 0.00	38.31 2.03 0.00	35.37 1.84 0.00	36.45 1.93 0.00	38.77 2.23 0.00	47.52 2.94 0.00	53.64 3.25 -0.35	54.05 3.21 -0.74	54.11 3.10 -0.99	52.79 2.93 -1.03	49.58 2.89 -0.89	49.16 2.69 -0.90	50.01 2.60 -0.98	49.30 2.69 -0.97	53.02 2.85 -1.06	57.83 3.37 -1.00	61.11 4.37 -0.71	59.09 3.61 -0.77	52.80 3.22 -0.72	49.53 3.28 -0.70	44.86 2.89 -0.61	40.98 2.48 -0.37	38.77 2.12 -0.17
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.74 -0.57 0.00	36.14 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	35.99 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.12 -0.69 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.42 -0.62 0.00	54.00 -0.71 0.00	48.17 -0.68 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00

HAMLTNNY_34_KV_TB 80303	37.74 -0.57 0.00	36.14 -0.55 0.00	35.73 -0.54 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	36.03 -0.51 0.00	44.05 -0.53 0.00	49.38 -0.65 0.00	49.45 -0.65 0.00	49.37 -0.65 0.00	48.25 -0.59 0.00	45.12 -0.69 0.00	44.94 -0.64 0.00	45.83 -0.60 0.00	45.04 -0.59 0.00	48.53 -0.59 0.00	52.76 -0.69 0.00	55.53 -0.50 0.00	54.11 -0.60 0.00	48.22 -0.64 0.00	44.91 -0.64 0.00	40.82 -0.54 0.00	37.59 -0.53 0.00	36.01 -0.47 0.00
HAMPSHIRE___PAPER_HYD 323593	37.13 -1.19 0.00	35.30 -1.39 0.00	35.22 -1.05 0.00	32.49 -1.04 0.00	33.14 -1.38 0.00	34.83 -1.72 0.00	42.62 -1.96 0.00	48.78 -1.25 0.00	48.80 -1.30 0.00	49.12 -0.90 0.00	48.83 0.00 0.00	45.67 -0.14 0.00	45.40 -0.18 0.00	46.15 -0.28 0.00	44.50 -1.14 0.00	47.44 -1.67 0.00	51.26 -2.19 0.00	53.18 -2.86 0.00	51.98 -2.73 0.00	46.56 -2.30 0.00	43.32 -2.23 0.00	39.25 -2.11 0.00	36.26 -1.87 0.00	35.10 -1.39 0.00
HARDSCRABBLE_WT_PWR 323673	39.27 0.96 0.00	37.61 0.92 0.00	37.25 0.98 0.00	34.43 0.91 0.00	35.48 0.97 0.00	37.56 1.02 0.00	45.87 1.29 0.00	51.48 1.45 0.00	51.56 1.45 0.00	51.52 1.50 0.00	50.30 1.46 0.00	47.13 1.33 0.00	46.85 1.27 0.00	47.68 1.25 0.00	46.78 1.14 0.00	50.29 1.18 0.00	54.74 1.28 0.00	57.38 1.34 0.00	55.80 1.09 0.00	49.78 0.93 0.00	46.37 0.82 0.00	42.14 0.78 0.00	38.81 0.69 0.00	37.07 0.58 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.23 1.84 3.92	38.31 1.61 0.00	37.73 1.45 0.00	34.87 1.34 0.00	35.93 1.42 0.00	38.15 1.61 0.00	46.76 2.18 0.00	48.97 2.40 3.46	45.18 2.35 7.28	42.62 2.35 9.75	40.92 2.20 10.11	39.15 2.15 8.81	38.89 2.14 8.83	38.93 2.14 9.63	38.33 2.24 9.54	41.06 2.36 10.41	46.36 2.78 9.88	52.83 3.75 6.95	50.21 3.06 7.56	44.38 2.59 7.07	41.27 2.60 6.88	37.63 2.32 6.04	36.36 1.91 3.67	36.40 1.57 1.65
HARSNRAD_115KV_TB1 81005	35.94 -2.38 0.00	34.49 -2.20 0.00	33.99 -2.29 0.00	31.35 -2.18 0.00	32.38 -2.14 0.00	34.42 -2.12 0.00	41.73 -2.85 0.00	45.83 -4.20 0.00	46.10 -4.01 0.00	46.27 -3.75 0.00	45.37 -3.47 0.00	41.96 -3.85 0.00	41.93 -3.65 0.00	43.23 -3.20 0.00	42.44 -3.19 0.00	46.02 -3.09 0.00	49.66 -3.80 0.00	52.11 -3.92 0.00	50.93 -3.77 0.00	45.29 -3.57 0.00	41.63 -3.92 0.00	38.38 -2.98 0.00	35.65 -2.48 0.00	34.84 -1.64 0.00
HARZA MOOSE___RIVER 24016	38.05 -0.27 0.00	36.33 -0.37 0.00	36.17 -0.11 0.00	33.36 -0.17 0.00	34.34 -0.17 0.00	36.40 -0.15 0.00	44.58 0.00 0.00	50.48 0.45 0.00	50.56 0.45 0.00	50.62 0.60 0.00	49.66 0.83 0.00	46.45 0.64 0.00	46.22 0.64 0.00	46.99 0.56 0.00	45.91 0.27 0.00	49.26 0.15 0.00	53.46 0.00 0.00	55.92 -0.11 0.00	54.55 -0.16 0.00	48.71 -0.15 0.00	45.37 -0.18 0.00	41.10 -0.25 0.00	37.82 -0.31 0.00	36.23 -0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.47 -0.84 0.00	35.89 -0.81 0.00	35.44 -0.83 0.00	32.72 -0.80 0.00	33.72 -0.79 0.00	35.74 -0.80 0.00	43.69 -0.89 0.00	48.93 -1.10 0.00	49.00 -1.10 0.00	48.92 -1.10 0.00	47.81 -1.03 0.00	44.75 -1.05 0.00	44.53 -1.05 0.00	45.45 -0.98 0.00	44.68 -0.96 0.00	48.08 -1.03 0.00	52.28 -1.18 0.00	55.03 -1.01 0.00	53.56 -1.15 0.00	47.78 -1.07 0.00	44.55 -1.00 0.00	40.48 -0.87 0.00	37.29 -0.84 0.00	35.72 -0.77 0.00
HELLGATE_13_KV_LD 55870	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.78 3.67 -5.40	57.09 3.18 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.85 2.19 -1.18
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.71 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.15 2.69 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.78 3.67 -5.40	57.09 3.18 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.85 2.19 -1.18
HEMPSTEAD____ 23647	43.79 2.80 -2.68	39.08 2.38 0.00	38.27 1.99 0.00	35.44 1.91 0.00	36.55 2.04 0.00	38.74 2.19 0.00	47.39 2.81 0.00	55.90 3.40 -2.47	58.31 3.01 -5.19	59.82 2.85 -6.95	59.02 2.98 -7.21	55.15 3.07 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.64 3.19 -6.80	60.03 3.49 -7.42	64.78 4.28 -7.04	66.21 5.21 -4.96	64.48 4.38 -5.39	57.57 3.67 -5.04	54.01 3.56 -4.90	48.68 3.02 -4.31	43.26 2.52 -2.62	39.96 2.30 -1.18
HEWLETT_69_KV_BK3 55828	44.21 3.22 -2.68	39.42 2.72 0.00	38.60 2.32 0.00	35.71 2.18 0.00	36.87 2.35 0.00	39.07 2.52 0.00	47.79 3.21 0.00	56.50 4.00 -2.47	58.86 3.56 -5.19	60.32 3.35 -6.95	59.56 3.52 -7.21	55.70 3.62 -6.28	55.29 3.42 -6.29	56.83 3.53 -6.87	56.23 3.79 -6.80	60.66 4.13 -7.42	65.47 4.97 -7.04	66.99 6.00 -4.96	65.08 4.98 -5.39	58.20 4.30 -5.04	54.60 4.14 -4.90	49.10 3.43 -4.31	43.64 2.90 -2.62	40.29 2.63 -1.18
HICKLING___1 23621	38.16 -0.15 0.00	36.55 -0.15 0.00	36.13 -0.15 0.00	33.29 -0.23 0.00	34.34 -0.17 0.00	36.51 -0.04 0.00	44.71 0.13 0.00	49.73 -0.30 0.00	49.81 -0.30 0.00	49.72 -0.30 0.00	48.64 -0.20 0.00	45.30 -0.50 0.00	45.12 -0.46 0.00	46.20 -0.23 0.00	45.36 -0.27 0.00	49.02 -0.10 0.00	53.24 -0.21 0.00	56.15 0.11 0.00	54.65 -0.05 0.00	48.66 -0.20 0.00	45.18 -0.36 0.00	41.27 -0.08 0.00	37.97 -0.15 0.00	36.63 0.15 0.00
HICKLING___2 23622	38.16 -0.15 0.00	36.55 -0.15 0.00	36.13 -0.15 0.00	33.29 -0.23 0.00	34.34 -0.17 0.00	36.51 -0.04 0.00	44.71 0.13 0.00	49.73 -0.30 0.00	49.81 -0.30 0.00	49.72 -0.30 0.00	48.64 -0.20 0.00	45.30 -0.50 0.00	45.12 -0.46 0.00	46.20 -0.23 0.00	45.36 -0.27 0.00	49.02 -0.10 0.00	53.24 -0.21 0.00	56.15 0.11 0.00	54.65 -0.05 0.00	48.66 -0.20 0.00	45.18 -0.36 0.00	41.27 -0.08 0.00	37.97 -0.15 0.00	36.63 0.15 0.00
HIGH FALLS___HY 23754	40.54 2.76 0.54	39.15 2.46 0.00	38.49 2.21 0.00	35.54 2.01 0.00	36.62 2.11 0.00	39.03 2.48 0.00	48.10 3.52 0.00	53.45 3.90 0.49	52.84 3.76 1.02	52.25 3.60 1.37	50.83 3.42 1.42	47.82 3.25 1.24	47.48 3.14 1.24	48.28 3.20 1.35	47.63 3.33 1.34	51.34 3.68 1.46	56.40 4.33 1.39	60.49 5.44 0.98	58.19 4.54 1.06	51.77 3.91 0.99	48.55 3.96 0.97	43.85 3.35 0.85	40.36 2.75 0.51	38.55 2.30 0.23
HIGH_RIVER___SOLAR 323847	40.22 1.42 -0.49	38.05 1.36 0.00	37.58 1.30 0.00	34.70 1.17 0.00	35.76 1.24 0.00	37.93 1.39 0.00	46.32 1.74 0.00	52.53 2.05 -0.45	53.00 1.95 -0.94	52.78 1.50 -1.26	51.51 1.37 -1.31	48.22 1.28 -1.14	47.95 1.23 -1.14	48.84 1.16 -1.25	48.06 1.18 -1.23	52.08 1.62 -1.35	56.76 2.03 -1.28	59.62 2.69 -0.90	58.09 2.40 -0.98	51.78 2.00 -0.92	48.26 1.82 -0.89	43.75 1.61 -0.78	40.01 1.41 -0.47	37.94 1.24 -0.21

HILLBURN___GT 23639	36.02 1.88 4.17	38.35 1.65 0.00	37.73 1.45 0.00	34.90 1.38 0.00	35.97 1.45 0.00	38.19 1.65 0.00	46.81 2.23 0.00	48.77 2.50 3.76	44.65 2.45 7.91	41.82 2.40 10.59	40.15 2.30 10.98	38.48 2.24 9.57	38.18 2.19 9.59	38.19 2.23 10.47	37.55 2.28 10.37	40.21 2.41 11.31	45.56 2.83 10.73	52.29 3.81 7.55	49.67 3.17 8.21	43.86 2.69 7.68	40.76 2.69 7.47	37.23 2.44 6.56	36.09 1.94 3.98	36.34 1.64 1.79
HILLSIDE_115KV_TB1 80332	37.86 -0.46 0.00	36.25 -0.44 0.00	35.80 -0.47 0.00	33.02 -0.50 0.00	34.07 -0.45 0.00	36.14 -0.40 0.00	44.27 -0.31 0.00	49.23 -0.80 0.00	49.35 -0.75 0.00	49.27 -0.75 0.00	48.15 -0.68 0.00	44.93 -0.87 0.00	44.76 -0.82 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.57 -0.54 0.00	52.76 -0.69 0.00	55.70 -0.34 0.00	54.16 -0.55 0.00	48.22 -0.64 0.00	44.82 -0.73 0.00	40.90 -0.45 0.00	37.63 -0.50 0.00	36.27 -0.22 0.00
HISHELDN_WT_PWR 323625	36.67 -1.65 0.00	35.04 -1.65 0.00	34.57 -1.70 0.00	31.92 -1.61 0.00	32.96 -1.55 0.00	35.04 -1.50 0.00	42.71 -1.87 0.00	47.08 -2.95 0.00	47.30 -2.80 0.00	47.36 -2.65 0.00	46.39 -2.44 0.00	42.96 -2.84 0.00	42.89 -2.69 0.00	44.15 -2.27 0.00	43.58 -2.05 0.00	47.05 -2.06 0.00	50.84 -2.62 0.00	53.46 -2.58 0.00	52.25 -2.46 0.00	46.47 -2.39 0.00	42.77 -2.78 0.00	39.33 -2.03 0.00	36.45 -1.68 0.00	35.50 -0.98 0.00
HOLTSVILLE_IC_1 23690	44.48 3.49 -2.68	39.74 3.04 0.00	38.85 2.58 0.00	35.97 2.45 0.00	37.18 2.66 0.00	39.36 2.81 0.00	48.01 3.43 0.00	56.95 4.45 -2.47	59.06 3.76 -5.19	60.37 3.40 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.52 3.65 -6.29	57.11 3.81 -6.87	56.59 4.15 -6.80	61.15 4.62 -7.42	66.06 5.56 -7.04	67.49 6.50 -4.96	65.57 5.47 -5.39	58.55 4.64 -5.04	54.73 4.28 -4.90	49.14 3.47 -4.31	43.64 2.90 -2.62	40.51 2.85 -1.18
HOLTSVILLE_IC_10 23699	44.71 3.72 -2.68	39.92 3.23 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.35 2.83 0.00	39.54 3.00 0.00	48.24 3.66 0.00	57.30 4.80 -2.47	59.31 4.01 -5.19	60.67 3.70 -6.95	59.99 3.95 -7.21	56.16 4.08 -6.28	55.84 3.96 -6.29	57.48 4.18 -6.87	56.96 4.52 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.00 7.00 -4.96	66.01 5.91 -5.39	58.94 5.03 -5.04	55.05 4.60 -4.90	49.42 3.76 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
HOLTSVILLE_IC_2 23691	44.48 3.49 -2.68	39.74 3.04 0.00	38.85 2.58 0.00	35.97 2.45 0.00	37.18 2.66 0.00	39.36 2.81 0.00	48.01 3.43 0.00	56.95 4.45 -2.47	59.06 3.76 -5.19	60.37 3.40 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.52 3.65 -6.29	57.11 3.81 -6.87	56.59 4.15 -6.80	61.15 4.62 -7.42	66.06 5.56 -7.04	67.49 6.50 -4.96	65.57 5.47 -5.39	58.55 4.64 -5.04	54.73 4.28 -4.90	49.14 3.47 -4.31	43.64 2.90 -2.62	40.51 2.85 -1.18
HOLTSVILLE_IC_3 23692	44.48 3.49 -2.68	39.74 3.04 0.00	38.85 2.58 0.00	35.97 2.45 0.00	37.18 2.66 0.00	39.36 2.81 0.00	48.01 3.43 0.00	56.95 4.45 -2.47	59.06 3.76 -5.19	60.37 3.40 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.52 3.65 -6.29	57.11 3.81 -6.87	56.59 4.15 -6.80	61.15 4.62 -7.42	66.06 5.56 -7.04	67.49 6.50 -4.96	65.57 5.47 -5.39	58.55 4.64 -5.04	54.73 4.28 -4.90	49.14 3.47 -4.31	43.64 2.90 -2.62	40.51 2.85 -1.18
HOLTSVILLE_IC_4 23693	44.48 3.49 -2.68	39.74 3.04 0.00	38.85 2.58 0.00	35.97 2.45 0.00	37.18 2.66 0.00	39.36 2.81 0.00	48.01 3.43 0.00	56.95 4.45 -2.47	59.06 3.76 -5.19	60.37 3.40 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.52 3.65 -6.29	57.11 3.81 -6.87	56.59 4.15 -6.80	61.15 4.62 -7.42	66.06 5.56 -7.04	67.49 6.50 -4.96	65.57 5.47 -5.39	58.55 4.64 -5.04	54.73 4.28 -4.90	49.14 3.47 -4.31	43.64 2.90 -2.62	40.51 2.85 -1.18
HOLTSVILLE_IC_5 23694	44.48 3.49 -2.68	39.74 3.04 0.00	38.85 2.58 0.00	35.97 2.45 0.00	37.18 2.66 0.00	39.36 2.81 0.00	48.01 3.43 0.00	56.95 4.45 -2.47	59.06 3.76 -5.19	60.37 3.40 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.52 3.65 -6.29	57.11 3.81 -6.87	56.59 4.15 -6.80	61.15 4.62 -7.42	66.06 5.56 -7.04	67.49 6.50 -4.96	65.57 5.47 -5.39	58.55 4.64 -5.04	54.73 4.28 -4.90	49.14 3.47 -4.31	43.64 2.90 -2.62	40.51 2.85 -1.18
HOLTSVILLE_IC_6 23695	44.71 3.72 -2.68	39.92 3.23 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.35 2.83 0.00	39.54 3.00 0.00	48.24 3.66 0.00	57.30 4.80 -2.47	59.31 4.01 -5.19	60.67 3.70 -6.95	59.99 3.95 -7.21	56.16 4.08 -6.28	55.84 3.96 -6.29	57.48 4.18 -6.87	56.96 4.52 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.00 7.00 -4.96	66.01 5.91 -5.39	58.94 5.03 -5.04	55.05 4.60 -4.90	49.42 3.76 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
HOLTSVILLE_IC_7 23696	44.71 3.72 -2.68	39.92 3.23 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.35 2.83 0.00	39.54 3.00 0.00	48.24 3.66 0.00	57.30 4.80 -2.47	59.31 4.01 -5.19	60.67 3.70 -6.95	59.99 3.95 -7.21	56.16 4.08 -6.28	55.84 3.96 -6.29	57.48 4.18 -6.87	56.96 4.52 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.00 7.00 -4.96	66.01 5.91 -5.39	58.94 5.03 -5.04	55.05 4.60 -4.90	49.42 3.76 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
HOLTSVILLE_IC_8 23697	44.71 3.72 -2.68	39.92 3.23 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.35 2.83 0.00	39.54 3.00 0.00	48.24 3.66 0.00	57.30 4.80 -2.47	59.31 4.01 -5.19	60.67 3.70 -6.95	59.99 3.95 -7.21	56.16 4.08 -6.28	55.84 3.96 -6.29	57.48 4.18 -6.87	56.96 4.52 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.00 7.00 -4.96	66.01 5.91 -5.39	58.94 5.03 -5.04	55.05 4.60 -4.90	49.42 3.76 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
HOLTSVILLE_IC_9 23698	44.71 3.72 -2.68	39.92 3.23 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.35 2.83 0.00	39.54 3.00 0.00	48.24 3.66 0.00	57.30 4.80 -2.47	59.31 4.01 -5.19	60.67 3.70 -6.95	59.99 3.95 -7.21	56.16 4.08 -6.28	55.84 3.96 -6.29	57.48 4.18 -6.87	56.96 4.52 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.00 7.00 -4.96	66.01 5.91 -5.39	58.94 5.03 -5.04	55.05 4.60 -4.90	49.42 3.76 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
HOMER_HL_115KV_TB2 355744	37.93 -0.38 0.00	36.33 -0.37 0.00	35.84 -0.44 0.00	33.06 -0.47 0.00	34.14 -0.38 0.00	36.29 -0.26 0.00	44.45 -0.13 0.00	48.88 -1.15 0.00	49.10 -1.00 0.00	49.17 -0.85 0.00	48.25 -0.59 0.00	44.71 -1.10 0.00	44.62 -0.96 0.00	45.96 -0.46 0.00	45.09 -0.55 0.00	48.82 -0.29 0.00	52.71 -0.75 0.00	55.64 -0.39 0.00	54.22 -0.49 0.00	48.22 -0.64 0.00	44.36 -1.18 0.00	40.82 -0.54 0.00	37.63 -0.50 0.00	36.70 0.22 0.00
HOWARD_WT_PWR 323690	37.82 -0.50 0.00	36.18 -0.51 0.00	35.84 -0.43 0.00	33.02 -0.50 0.00	34.14 -0.38 0.00	36.32 -0.22 0.00	44.58 0.00 0.00	49.38 -0.65 0.00	49.45 -0.65 0.00	49.21 -0.80 0.00	48.00 -0.83 0.00	44.34 -1.47 0.00	44.25 -1.32 0.00	45.41 -1.02 0.00	44.77 -0.87 0.00	48.18 -0.93 0.00	52.33 -1.13 0.00	55.08 -0.95 0.00	53.83 -0.88 0.00	47.88 -0.98 0.00	44.36 -1.18 0.00	40.69 -0.66 0.00	37.67 -0.46 0.00	36.48 0.00 0.00

HQ_GEN_CEDARS 23644	37.47 -0.84 0.00	35.63 -1.06 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.08 0.27 0.00	45.85 0.27 0.00	46.61 0.19 0.00	44.50 -1.14 0.00	47.35 -1.77 0.00	50.94 -2.51 0.00	52.50 -3.53 0.00	51.59 -3.12 0.00	46.12 -2.74 0.00	42.91 -2.64 0.00	38.91 -2.44 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
HQ_GEN_CEDARS_PROXY 323590	37.47 -0.84 0.00	35.63 -1.07 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.08 0.28 0.00	45.85 0.28 0.00	46.62 0.19 0.00	44.50 -1.14 0.00	47.35 -1.77 0.00	50.94 -2.51 0.00	52.51 -3.53 0.00	51.48 -3.23 0.00	46.12 -2.74 0.00	42.91 -2.64 0.00	38.95 -2.40 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
HQ_GEN_IMPORT 323601	38.39 0.08 0.00	36.77 0.07 0.00	36.38 0.11 0.00	33.63 0.10 0.00	34.55 0.03 0.00	36.62 0.07 0.00	44.67 0.09 0.00	50.18 0.15 0.00	50.26 0.15 0.00	50.17 0.15 0.00	48.98 0.15 0.00	45.99 0.18 0.00	45.76 0.18 0.00	46.62 0.19 0.00	45.78 0.14 0.00	49.31 0.20 0.00	54.60 0.16 -0.98	54.60 -0.45 0.98	54.60 -0.11 0.00	48.96 0.10 0.00	45.59 0.05 0.00	41.35 0.00 0.00	38.16 0.04 0.00	36.56 0.07 0.00
HQ_GEN_WHEEL 23651	38.39 0.08 0.00	36.77 0.07 0.00	36.38 0.11 0.00	33.63 0.10 0.00	34.55 0.03 0.00	36.62 0.07 0.00	44.67 0.09 0.00	50.18 0.15 0.00	50.26 0.15 0.00	50.17 0.15 0.00	48.98 0.15 0.00	45.99 0.18 0.00	45.76 0.18 0.00	46.62 0.19 0.00	45.78 0.14 0.00	49.31 0.20 0.00	54.60 0.16 -0.98	54.60 -0.45 0.98	54.60 -0.11 0.00	48.96 0.10 0.00	45.59 0.05 0.00	41.35 0.00 0.00	38.16 0.04 0.00	36.56 0.07 0.00
HUDSON_AVE_GT_3 23810	43.53 2.53 -2.68	38.90 2.20 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.74 2.19 0.00	47.43 2.85 0.00	55.71 3.20 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.98 2.89 -6.29	54.76 2.87 -6.31	56.19 2.88 -6.89	55.42 2.97 -6.82	59.65 3.09 -7.44	64.10 3.58 -7.06	65.71 4.71 -4.97	64.05 3.94 -5.41	57.33 3.42 -5.05	53.88 3.42 -4.92	48.82 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18
HUDSON_AVE_GT_4 23540	43.53 2.53 -2.68	38.90 2.20 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.74 2.19 0.00	47.43 2.85 0.00	55.71 3.20 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.98 2.89 -6.29	54.76 2.87 -6.31	56.19 2.88 -6.89	55.42 2.97 -6.82	59.65 3.09 -7.44	64.10 3.58 -7.06	65.71 4.71 -4.97	64.05 3.94 -5.41	57.33 3.42 -5.05	53.88 3.42 -4.92	48.82 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18
HUDSON_AVE_GT_5 23657	43.53 2.53 -2.68	38.90 2.20 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.74 2.19 0.00	47.43 2.85 0.00	55.71 3.20 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.98 2.89 -6.29	54.76 2.87 -6.31	56.19 2.88 -6.89	55.42 2.97 -6.82	59.65 3.09 -7.44	64.10 3.58 -7.06	65.71 4.71 -4.97	64.05 3.94 -5.41	57.33 3.42 -5.05	53.88 3.42 -4.92	48.82 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18
HUDSON_AVE_10 24168	43.37 2.38 -2.68	38.79 2.09 0.00	38.09 1.81 0.00	35.20 1.68 0.00	36.28 1.76 0.00	38.63 2.08 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.21	60.04 3.05 -6.97	58.94 2.88 -7.22	54.89 2.79 -6.29	54.67 2.78 -6.31	56.05 2.74 -6.89	55.29 2.83 -6.82	59.55 3.00 -7.44	63.99 3.47 -7.06	65.60 4.59 -4.97	63.94 3.83 -5.41	57.24 3.32 -5.05	53.79 3.33 -4.92	48.73 3.06 -4.32	43.23 2.48 -2.62	39.78 2.12 -1.18
HUDSON___115KV_TB 4 355613	40.43 1.65 -0.47	38.31 1.61 0.00	37.87 1.60 0.00	35.04 1.51 0.00	36.07 1.55 0.00	38.15 1.61 0.00	46.27 1.69 0.00	52.32 1.85 -0.43	52.82 1.80 -0.91	52.89 1.65 -1.22	51.62 1.51 -1.27	48.38 1.47 -1.10	48.05 1.37 -1.11	49.03 1.39 -1.21	48.25 1.41 -1.20	51.99 1.57 -1.31	56.62 1.92 -1.24	59.65 2.75 -0.87	57.96 2.30 -0.95	51.60 1.86 -0.89	48.14 1.73 -0.86	43.68 1.57 -0.76	40.45 1.87 -0.46	38.37 1.68 -0.21
HUNTER MOUNT___DRP 323613	40.50 1.84 -0.34	38.53 1.83 0.00	38.09 1.81 0.00	35.17 1.64 0.00	36.24 1.73 0.00	38.33 1.79 0.00	46.54 1.96 0.00	52.50 2.15 -0.32	52.83 2.05 -0.67	52.71 1.80 -0.90	51.42 1.66 -0.93	48.17 1.56 -0.81	47.85 1.46 -0.81	48.85 1.53 -0.89	48.07 1.55 -0.88	51.89 1.82 -0.96	56.55 2.19 -0.91	59.70 3.03 -0.64	57.98 2.57 -0.70	51.56 2.05 -0.65	48.09 1.91 -0.63	43.56 1.65 -0.56	40.48 2.02 -0.34	38.46 1.82 -0.15
HUNTINGTON_RES_REC 323705	44.36 3.37 -2.68	39.63 2.94 0.00	38.74 2.47 0.00	35.84 2.31 0.00	37.04 2.52 0.00	39.21 2.67 0.00	47.97 3.39 0.00	56.85 4.35 -2.47	59.01 3.71 -5.19	60.37 3.40 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.52 3.65 -6.29	57.11 3.81 -6.87	56.59 4.15 -6.80	61.11 4.57 -7.42	66.00 5.51 -7.04	67.55 6.55 -4.96	65.63 5.52 -5.39	58.55 4.64 -5.04	54.78 4.33 -4.90	49.22 3.56 -4.31	43.68 2.94 -2.62	40.43 2.77 -1.18
HUNTLEY___63 23557	36.25 -2.07 0.00	34.75 -1.94 0.00	34.28 -2.00 0.00	31.62 -1.91 0.00	32.65 -1.86 0.00	34.68 -1.86 0.00	42.08 -2.50 0.00	46.18 -3.85 0.00	46.55 -3.56 0.00	46.67 -3.35 0.00	45.86 -2.98 0.00	42.37 -3.44 0.00	42.34 -3.24 0.00	43.69 -2.74 0.00	42.85 -2.78 0.00	46.46 -2.65 0.00	50.09 -3.37 0.00	52.62 -3.42 0.00	51.43 -3.28 0.00	45.73 -3.13 0.00	42.00 -3.55 0.00	38.71 -2.65 0.00	35.95 -2.17 0.00	35.17 -1.31 0.00
HUNTLEY___64 23558	36.25 -2.07 0.00	34.75 -1.94 0.00	34.28 -2.00 0.00	31.62 -1.91 0.00	32.65 -1.86 0.00	34.68 -1.86 0.00	42.08 -2.50 0.00	46.18 -3.85 0.00	46.55 -3.56 0.00	46.67 -3.35 0.00	45.86 -2.98 0.00	42.37 -3.44 0.00	42.34 -3.24 0.00	43.69 -2.74 0.00	42.85 -2.78 0.00	46.46 -2.65 0.00	50.09 -3.37 0.00	52.62 -3.42 0.00	51.43 -3.28 0.00	45.73 -3.13 0.00	42.00 -3.55 0.00	38.71 -2.65 0.00	35.95 -2.17 0.00	35.17 -1.31 0.00
HUNTLEY___65 23559	36.25 -2.07 0.00	34.75 -1.94 0.00	34.28 -2.00 0.00	31.62 -1.91 0.00	32.65 -1.86 0.00	34.68 -1.86 0.00	42.08 -2.50 0.00	46.18 -3.85 0.00	46.55 -3.56 0.00	46.67 -3.35 0.00	45.86 -2.98 0.00	42.37 -3.44 0.00	42.34 -3.24 0.00	43.69 -2.74 0.00	42.85 -2.78 0.00	46.46 -2.65 0.00	50.09 -3.37 0.00	52.62 -3.42 0.00	51.43 -3.28 0.00	45.73 -3.13 0.00	42.00 -3.55 0.00	38.71 -2.65 0.00	35.95 -2.17 0.00	35.17 -1.31 0.00
HUNTLEY___66 23560	36.25 -2.07 0.00	34.75 -1.94 0.00	34.28 -2.00 0.00	31.62 -1.91 0.00	32.65 -1.86 0.00	34.68 -1.86 0.00	42.08 -2.50 0.00	46.18 -3.85 0.00	46.55 -3.56 0.00	46.67 -3.35 0.00	45.86 -2.98 0.00	42.37 -3.44 0.00	42.34 -3.24 0.00	43.69 -2.74 0.00	42.85 -2.78 0.00	46.46 -2.65 0.00	50.09 -3.37 0.00	52.62 -3.42 0.00	51.43 -3.28 0.00	45.73 -3.13 0.00	42.00 -3.55 0.00	38.71 -2.65 0.00	35.95 -2.17 0.00	35.17 -1.31 0.00

HUNTLEY___67 23561	36.02 -2.30 0.00	34.53 -2.17 0.00	34.06 -2.21 0.00	31.41 -2.11 0.00	32.45 -2.07 0.00	34.50 -2.05 0.00	41.82 -2.76 0.00	45.88 -4.15 0.00	46.20 -3.91 0.00	46.32 -3.70 0.00	45.46 -3.37 0.00	42.05 -3.76 0.00	41.98 -3.60 0.00	43.32 -3.11 0.00	42.49 -3.15 0.00	46.12 -3.00 0.00	49.77 -3.69 0.00	52.22 -3.81 0.00	51.04 -3.67 0.00	45.39 -3.47 0.00	41.68 -3.87 0.00	38.46 -2.89 0.00	35.72 -2.40 0.00	34.92 -1.57 0.00
HUNTLEY___68 23562	36.02 -2.30 0.00	34.53 -2.17 0.00	34.06 -2.21 0.00	31.41 -2.11 0.00	32.45 -2.07 0.00	34.50 -2.05 0.00	41.82 -2.76 0.00	45.88 -4.15 0.00	46.20 -3.91 0.00	46.32 -3.70 0.00	45.46 -3.37 0.00	42.05 -3.76 0.00	41.98 -3.60 0.00	43.32 -3.11 0.00	42.49 -3.15 0.00	46.12 -3.00 0.00	49.77 -3.69 0.00	52.22 -3.81 0.00	51.04 -3.67 0.00	45.39 -3.47 0.00	41.68 -3.87 0.00	38.46 -2.89 0.00	35.72 -2.40 0.00	34.92 -1.57 0.00
HYLAND___LFGE 323620	38.55 0.23 0.00	36.95 0.26 0.00	36.38 0.11 0.00	33.53 0.00 0.00	34.59 0.07 0.00	36.95 0.40 0.00	45.20 0.62 0.00	50.63 0.60 0.00	50.46 0.35 0.00	50.17 0.15 0.00	48.79 -0.05 0.00	45.16 -0.64 0.00	45.03 -0.54 0.00	46.24 -0.18 0.00	45.82 0.18 0.00	49.56 0.44 0.00	53.99 0.53 0.00	56.93 0.89 0.00	55.80 1.09 0.00	49.59 0.73 0.00	45.73 0.18 0.00	41.72 0.37 0.00	38.47 0.34 0.00	37.07 0.58 0.00
INDECK___CORINTH 23802	40.61 1.73 -0.56	38.35 1.65 0.00	37.69 1.41 0.00	34.77 1.24 0.00	35.83 1.31 0.00	38.11 1.57 0.00	46.45 1.87 0.00	52.86 2.30 -0.52	53.66 2.45 -1.10	53.68 2.20 -1.47	52.60 2.25 -1.52	49.24 2.11 -1.33	48.87 1.96 -1.33	49.64 1.76 -1.45	48.76 1.69 -1.44	52.60 1.91 -1.57	57.13 2.19 -1.49	60.16 3.08 -1.05	58.58 2.73 -1.14	52.02 2.10 -1.07	48.45 1.87 -1.04	43.83 1.57 -0.91	40.13 1.45 -0.55	38.12 1.39 -0.25
INDECK___ILION 23567	38.97 0.65 0.00	37.28 0.59 0.00	36.89 0.62 0.00	34.10 0.57 0.00	35.14 0.62 0.00	37.20 0.66 0.00	45.38 0.80 0.00	50.93 0.90 0.00	51.06 0.95 0.00	50.97 0.95 0.00	49.76 0.93 0.00	46.67 0.87 0.00	46.44 0.87 0.00	47.26 0.84 0.00	46.41 0.78 0.00	49.95 0.83 0.00	54.36 0.91 0.00	57.10 1.06 0.00	55.58 0.88 0.00	49.64 0.78 0.00	46.23 0.68 0.00	42.01 0.66 0.00	38.70 0.57 0.00	37.00 0.51 0.00
INDECK___OLEAN 23982	37.97 -0.35 0.00	36.33 -0.37 0.00	35.84 -0.43 0.00	33.06 -0.47 0.00	34.14 -0.38 0.00	36.29 -0.25 0.00	44.45 -0.13 0.00	48.88 -1.15 0.00	49.10 -1.00 0.00	49.17 -0.85 0.00	48.25 -0.58 0.00	44.70 -1.10 0.00	44.62 -0.96 0.00	45.96 -0.46 0.00	45.23 -0.41 0.00	48.82 -0.29 0.00	52.71 -0.75 0.00	55.64 -0.39 0.00	54.33 -0.38 0.00	48.22 -0.64 0.00	44.36 -1.18 0.00	40.73 -0.62 0.00	37.63 -0.50 0.00	36.70 0.22 0.00
INDECK___OSWEGO 23783	37.09 -1.23 0.00	35.49 -1.21 0.00	35.08 -1.20 0.00	32.39 -1.14 0.00	33.38 -1.14 0.00	35.37 -1.17 0.00	43.20 -1.38 0.00	48.48 -1.55 0.00	48.55 -1.55 0.00	48.52 -1.50 0.00	47.37 -1.46 0.00	44.38 -1.42 0.00	44.16 -1.41 0.00	45.04 -1.39 0.00	44.27 -1.37 0.00	47.59 -1.52 0.00	51.80 -1.66 0.00	54.47 -1.57 0.00	53.07 -1.64 0.00	47.34 -1.51 0.00	44.09 -1.46 0.00	40.07 -1.28 0.00	36.90 -1.22 0.00	35.35 -1.13 0.00
INDECK___YERKES 23781	36.44 -1.88 0.00	34.79 -1.91 0.00	34.31 -1.96 0.00	31.65 -1.88 0.00	32.69 -1.83 0.00	34.72 -1.83 0.00	42.13 -2.45 0.00	46.28 -3.75 0.00	46.60 -3.51 0.00	46.71 -3.30 0.00	45.91 -2.93 0.00	42.51 -3.30 0.00	42.39 -3.19 0.00	43.73 -2.69 0.00	43.13 -2.51 0.00	46.51 -2.60 0.00	50.14 -3.31 0.00	52.67 -3.36 0.00	51.53 -3.17 0.00	45.78 -3.08 0.00	42.04 -3.51 0.00	38.71 -2.65 0.00	35.99 -2.13 0.00	35.21 -1.28 0.00
INDIAN POINT_GT_1 24139	43.23 2.03 -2.89	38.49 1.80 0.00	37.83 1.56 0.00	35.00 1.48 0.00	36.07 1.55 0.00	38.30 1.75 0.00	46.90 2.32 0.00	55.30 2.60 -2.66	58.21 2.51 -5.60	60.02 2.50 -7.50	58.95 2.34 -7.77	54.92 2.34 -6.77	54.65 2.28 -6.79	56.16 2.32 -7.41	55.35 2.37 -7.34	59.63 2.50 -8.01	63.94 2.89 -7.60	65.31 3.92 -5.35	63.76 3.23 -5.82	57.08 2.78 -5.44	53.62 2.78 -5.29	48.48 2.48 -4.65	43.01 2.06 -2.82	39.50 1.75 -1.27
INDIAN POINT_GT_2 23659	43.23 2.03 -2.89	38.49 1.80 0.00	37.83 1.56 0.00	35.00 1.48 0.00	36.07 1.55 0.00	38.30 1.75 0.00	46.90 2.32 0.00	55.30 2.60 -2.66	58.21 2.51 -5.60	60.02 2.50 -7.50	58.95 2.34 -7.77	54.92 2.34 -6.77	54.65 2.28 -6.79	56.16 2.32 -7.41	55.35 2.37 -7.34	59.63 2.50 -8.01	63.94 2.89 -7.60	65.31 3.92 -5.35	63.76 3.23 -5.82	57.08 2.78 -5.44	53.62 2.78 -5.29	48.48 2.48 -4.65	43.01 2.06 -2.82	39.50 1.75 -1.27
INDIAN POINT_GT_3 24019	43.23 2.03 -2.89	38.49 1.80 0.00	37.83 1.56 0.00	35.00 1.48 0.00	36.07 1.55 0.00	38.30 1.75 0.00	46.90 2.32 0.00	55.30 2.60 -2.66	58.21 2.51 -5.60	60.02 2.50 -7.50	58.95 2.34 -7.77	54.92 2.34 -6.77	54.65 2.28 -6.79	56.16 2.32 -7.41	55.35 2.37 -7.34	59.63 2.50 -8.01	63.94 2.89 -7.60	65.31 3.92 -5.35	63.76 3.23 -5.82	57.08 2.78 -5.44	53.62 2.78 -5.29	48.48 2.48 -4.65	43.01 2.06 -2.82	39.50 1.75 -1.27
INDIAN POINT___2 23530	43.66 1.91 -3.43	38.38 1.69 0.00	37.76 1.49 0.00	34.93 1.41 0.00	36.00 1.48 0.00	38.22 1.68 0.00	46.81 2.23 0.00	55.65 2.45 -3.17	59.17 2.41 -6.66	61.34 2.40 -8.92	60.33 2.25 -9.24	56.06 2.20 -8.06	55.84 2.19 -8.08	57.42 2.18 -8.81	56.60 2.24 -8.73	61.00 2.36 -9.52	65.27 2.78 -9.03	66.15 3.75 -6.36	64.80 3.17 -6.92	57.96 2.64 -6.47	54.48 2.64 -6.29	49.28 2.40 -5.53	43.46 1.98 -3.35	39.64 1.64 -1.51
INDIAN POINT___3 23531	43.23 1.99 -2.92	38.42 1.72 0.00	37.80 1.52 0.00	34.97 1.44 0.00	36.04 1.52 0.00	38.26 1.72 0.00	46.85 2.27 0.00	55.23 2.50 -2.69	58.23 2.46 -5.67	60.06 2.45 -7.59	58.99 2.30 -7.87	54.95 2.29 -6.85	54.68 2.23 -6.87	56.15 2.23 -7.50	55.39 2.33 -7.43	59.62 2.41 -8.10	63.97 2.83 -7.69	65.31 3.87 -5.41	63.71 3.12 -5.89	57.05 2.69 -5.50	53.63 2.73 -5.35	48.50 2.44 -4.70	43.00 2.02 -2.85	39.48 1.71 -1.28
INGHAM_C_115KV_TB7 356103	39.62 1.30 0.00	37.94 1.25 0.00	37.54 1.27 0.00	34.70 1.17 0.00	35.79 1.28 0.00	37.89 1.35 0.00	46.23 1.65 0.00	51.83 1.80 0.00	51.91 1.80 0.00	51.87 1.85 0.00	50.64 1.81 0.00	47.45 1.65 0.00	47.22 1.64 0.00	48.05 1.63 0.00	47.19 1.55 0.00	50.69 1.57 0.00	55.17 1.71 0.00	57.88 1.85 0.00	56.35 1.64 0.00	50.28 1.42 0.00	46.82 1.28 0.00	42.55 1.20 0.00	39.23 1.11 0.00	37.47 0.99 0.00
IP CORINTH___1 23988	40.80 1.92 -0.56	38.53 1.83 0.00	37.87 1.60 0.00	34.93 1.41 0.00	36.00 1.48 0.00	38.30 1.75 0.00	46.72 2.14 0.00	53.10 2.55 -0.52	53.91 2.71 -1.10	53.99 2.50 -1.47	52.85 2.49 -1.52	49.51 2.38 -1.33	49.09 2.19 -1.33	49.92 2.04 -1.45	49.04 1.96 -1.44	52.84 2.16 -1.57	57.40 2.46 -1.49	60.50 3.42 -1.05	58.80 2.95 -1.14	52.32 2.39 -1.07	48.68 2.10 -1.04	44.04 1.78 -0.91	40.32 1.64 -0.55	38.30 1.57 -0.25

IP__TICONDEROGA 23804	42.49 3.60 -0.57	40.11 3.41 0.00	39.39 3.12 0.00	36.28 2.75 0.00	37.38 2.86 0.00	39.90 3.36 0.00	48.82 4.24 0.00	55.61 5.05 -0.52	56.22 5.01 -1.10	56.19 4.70 -1.48	55.15 4.79 -1.53	51.58 4.44 -1.33	51.06 4.15 -1.34	51.83 3.95 -1.46	50.87 3.79 -1.44	54.96 4.27 -1.58	59.71 4.76 -1.50	63.08 6.00 -1.05	61.27 5.42 -1.15	54.33 4.40 -1.07	50.51 3.92 -1.04	45.58 3.31 -0.92	41.62 2.94 -0.56	39.47 2.74 -0.25
ISLIP_RES_REC 323679	44.86 3.87 -2.68	40.07 3.37 0.00	39.14 2.86 0.00	36.24 2.71 0.00	37.49 2.97 0.00	39.65 3.10 0.00	48.46 3.88 0.00	57.55 5.05 -2.47	59.61 4.31 -5.19	60.92 3.95 -6.95	60.29 4.25 -7.21	56.44 4.35 -6.28	56.11 4.24 -6.29	57.71 4.41 -6.87	57.23 4.79 -6.80	61.84 5.31 -7.42	66.86 6.36 -7.04	68.39 7.40 -4.96	66.34 6.23 -5.39	59.23 5.33 -5.04	55.28 4.83 -4.90	49.59 3.93 -4.31	44.02 3.28 -2.62	40.83 3.17 -1.18
JAMAICA__27_KV_LOAD 355505	43.45 2.45 -2.68	38.82 2.13 0.00	38.12 1.85 0.00	35.24 1.71 0.00	36.31 1.79 0.00	38.70 2.16 0.00	47.52 2.94 0.00	55.86 3.35 -2.47	58.62 3.31 -5.21	60.29 3.30 -6.97	59.18 3.13 -7.22	55.12 3.02 -6.29	54.90 3.01 -6.31	56.33 3.02 -6.89	55.56 3.10 -6.82	59.85 3.29 -7.44	64.36 3.85 -7.06	65.99 4.99 -4.97	64.33 4.21 -5.41	57.63 3.71 -5.05	54.15 3.69 -4.92	48.98 3.31 -4.32	43.42 2.67 -2.62	39.85 2.19 -1.18
JANIS__SOLAR 323808	39.66 1.34 0.00	37.83 1.14 0.00	37.47 1.20 0.00	34.50 0.97 0.00	35.59 1.07 0.00	37.90 1.35 0.00	46.54 1.96 0.00	58.46 8.70 0.27	58.00 8.47 0.57	57.45 8.20 0.77	56.05 8.01 0.80	51.98 6.87 0.69	51.72 6.83 0.70	52.45 6.78 0.76	51.60 6.71 0.75	55.66 7.36 0.82	61.44 8.77 0.78	58.78 2.74 0.00	57.23 2.52 0.00	51.01 2.15 0.00	47.42 1.87 0.00	43.01 1.66 0.00	39.46 1.33 0.00	37.80 1.31 0.00
JARVIS____ 23743	38.43 0.12 0.00	36.81 0.11 0.00	36.38 0.11 0.00	33.63 0.10 0.00	34.66 0.14 0.00	36.65 0.11 0.00	44.71 0.13 0.00	50.18 0.15 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.03 0.20 0.00	45.99 0.18 0.00	45.76 0.18 0.00	46.57 0.14 0.00	45.78 0.14 0.00	49.26 0.15 0.00	53.62 0.16 0.00	56.37 0.34 0.00	54.93 0.22 0.00	49.01 0.15 0.00	45.69 0.14 0.00	41.48 0.12 0.00	38.24 0.11 0.00	36.59 0.11 0.00
JENNISON__1 23625	39.66 1.61 0.27	38.09 1.39 0.00	37.73 1.45 0.00	34.77 1.24 0.00	35.86 1.35 0.00	38.11 1.57 0.00	46.85 2.27 0.00	54.06 4.30 0.27	53.84 4.31 0.57	53.55 4.30 0.77	52.34 4.30 0.80	48.78 3.66 0.69	48.53 3.65 0.70	49.34 3.67 0.76	48.40 3.51 0.75	52.13 3.83 0.82	57.17 4.49 0.78	58.79 3.25 0.50	57.07 2.90 0.54	50.94 2.59 0.51	47.38 2.32 0.49	42.95 2.03 0.43	39.54 1.68 0.26	37.97 1.61 0.12
JENNISON__2 23626	39.66 1.61 0.27	38.09 1.39 0.00	37.73 1.45 0.00	34.77 1.24 0.00	35.86 1.35 0.00	38.11 1.57 0.00	46.85 2.27 0.00	54.06 4.30 0.27	53.84 4.31 0.57	53.55 4.30 0.77	52.34 4.30 0.80	48.78 3.66 0.69	48.53 3.65 0.70	49.34 3.67 0.76	48.40 3.51 0.75	52.13 3.83 0.82	57.17 4.49 0.78	58.79 3.25 0.50	57.07 2.90 0.54	50.94 2.59 0.51	47.38 2.32 0.49	42.95 2.03 0.43	39.54 1.68 0.26	37.97 1.61 0.12
JERICHO_RISE_WT_PWR 323719	38.12 -0.19 0.00	36.48 -0.22 0.00	36.13 -0.14 0.00	33.43 -0.10 0.00	34.14 -0.38 0.00	36.21 -0.33 0.00	44.36 -0.22 0.00	50.33 0.30 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.32 0.49 0.00	46.31 0.50 0.00	46.22 0.64 0.00	47.13 0.70 0.00	46.14 0.50 0.00	49.75 0.64 0.00	54.04 0.59 0.00	55.53 -0.51 0.00	54.65 -0.05 0.00	48.96 0.10 0.00	45.50 -0.05 0.00	41.07 -0.29 0.00	37.82 -0.31 0.00	36.38 -0.11 0.00
KATONAH__115KV_46KV_TB4 355592	42.84 2.49 -2.04	38.90 2.20 0.00	38.23 1.96 0.00	35.37 1.84 0.00	36.48 1.97 0.00	38.74 2.19 0.00	47.43 2.85 0.00	55.07 3.15 -1.88	57.22 3.16 -3.96	58.42 3.10 -5.30	57.21 2.88 -5.49	53.48 2.89 -4.79	53.20 2.83 -4.80	54.50 2.83 -5.24	53.70 2.88 -5.19	57.82 3.05 -5.66	62.30 3.47 -5.37	64.41 4.59 -3.78	62.65 3.83 -4.11	55.98 3.27 -3.84	52.57 3.28 -3.74	47.57 2.94 -3.28	42.56 2.44 -1.99	39.46 2.08 -0.90
KCE_NY_1 323755	41.12 2.22 -0.58	38.79 2.09 0.00	38.27 1.99 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.62 2.08 0.00	47.12 2.54 0.00	53.47 2.90 -0.53	54.24 3.01 -1.12	54.37 2.85 -1.51	53.18 2.78 -1.56	49.82 2.66 -1.36	49.49 2.55 -1.36	50.33 2.41 -1.49	49.48 2.37 -1.47	53.32 2.60 -1.61	57.87 2.88 -1.53	60.92 3.81 -1.07	59.33 3.45 -1.17	52.74 2.78 -1.09	49.16 2.55 -1.06	44.52 2.23 -0.93	40.75 2.06 -0.57	38.67 1.93 -0.25
KCE_NY_6_ESR 323823	36.90 -1.42 0.00	35.26 -1.43 0.00	34.75 -1.52 0.00	32.09 -1.44 0.00	33.14 -1.38 0.00	35.23 -1.31 0.00	42.84 -1.74 0.00	47.08 -2.95 0.00	47.35 -2.76 0.00	47.47 -2.55 0.00	46.64 -2.20 0.00	43.20 -2.61 0.00	43.07 -2.51 0.00	44.43 -2.00 0.00	43.76 -1.87 0.00	47.25 -1.87 0.00	51.00 -2.46 0.00	53.57 -2.46 0.00	52.41 -2.30 0.00	46.56 -2.30 0.00	42.77 -2.78 0.00	39.37 -1.98 0.00	36.56 -1.56 0.00	35.72 -0.77 0.00
KEDC_PORT_JEFF_GT2 24210	44.67 3.68 -2.68	39.89 3.19 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.31 2.79 0.00	39.50 2.96 0.00	48.24 3.66 0.00	57.26 4.76 -2.47	58.96 3.66 -5.19	60.27 3.30 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.84 3.96 -6.29	57.43 4.13 -6.87	56.92 4.48 -6.80	61.50 4.96 -7.42	66.48 5.99 -7.04	68.00 7.00 -4.96	66.01 5.91 -5.39	58.89 4.99 -5.04	55.05 4.60 -4.90	49.39 3.72 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
KEDC_PORT_JEFF_GT3 24211	44.67 3.68 -2.68	39.89 3.19 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.31 2.79 0.00	39.50 2.96 0.00	48.24 3.66 0.00	57.26 4.76 -2.47	58.96 3.66 -5.19	60.27 3.30 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.84 3.96 -6.29	57.43 4.13 -6.87	56.92 4.48 -6.80	61.50 4.96 -7.42	66.48 5.99 -7.04	68.00 7.00 -4.96	66.01 5.91 -5.39	58.89 4.99 -5.04	55.05 4.60 -4.90	49.39 3.72 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
KEDC_GLWD_GT4 24219	43.71 2.72 -2.68	39.08 2.38 0.00	38.31 2.03 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.77 2.23 0.00	47.48 2.90 0.00	55.65 3.15 -2.47	58.20 2.91 -5.19	59.72 2.75 -6.95	58.87 2.83 -7.21	54.92 2.84 -6.28	54.61 2.73 -6.29	56.08 2.79 -6.87	55.37 2.92 -6.80	59.73 3.19 -7.42	64.29 3.80 -7.04	65.81 4.82 -4.96	64.09 3.99 -5.39	57.27 3.37 -5.04	53.87 3.42 -4.90	48.77 3.10 -4.31	43.34 2.59 -2.62	39.96 2.30 -1.18
KEDC_GLWD_GT5 24220	43.71 2.72 -2.68	39.08 2.38 0.00	38.31 2.03 0.00	35.47 1.94 0.00	36.59 2.07 0.00	38.77 2.23 0.00	47.48 2.90 0.00	55.65 3.15 -2.47	58.20 2.91 -5.19	59.72 2.75 -6.95	58.87 2.83 -7.21	54.92 2.84 -6.28	54.61 2.73 -6.29	56.08 2.79 -6.87	55.37 2.92 -6.80	59.73 3.19 -7.42	64.29 3.80 -7.04	65.81 4.82 -4.96	64.09 3.99 -5.39	57.27 3.37 -5.04	53.87 3.42 -4.90	48.77 3.10 -4.31	43.34 2.59 -2.62	39.96 2.30 -1.18

KENSICO____ 23655	43.30 2.22 -2.76	38.64 1.94 0.00	38.02 1.74 0.00	35.17 1.64 0.00	36.24 1.73 0.00	38.48 1.94 0.00	47.08 2.50 0.00	55.38 2.80 -2.55	58.22 2.76 -5.36	59.94 2.75 -7.17	58.86 2.59 -7.43	54.85 2.57 -6.48	54.58 2.51 -6.49	56.02 2.51 -7.09	55.26 2.60 -7.02	59.47 2.70 -7.66	63.87 3.15 -7.26	65.35 4.20 -5.12	63.72 3.45 -5.56	57.04 2.98 -5.20	53.61 3.01 -5.06	48.49 2.69 -4.45	43.07 2.25 -2.70	39.63 1.93 -1.21
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.05 2.64 0.91	39.04 2.35 0.00	38.41 2.14 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.92 2.38 0.00	47.88 3.30 0.00	52.90 3.70 0.83	51.91 3.56 1.75	51.07 3.40 2.35	49.58 3.17 2.43	46.75 3.07 2.12	46.37 2.92 2.12	47.13 3.02 2.32	46.44 3.10 2.30	50.05 3.44 2.51	55.14 4.06 2.38	59.46 5.10 1.67	57.16 4.27 1.82	50.82 3.66 1.70	47.58 3.69 1.65	43.04 3.14 1.45	39.87 2.63 0.88	38.28 2.19 0.40
KIAC_JFK_GT1 23816	43.33 2.34 -2.68	38.71 2.02 0.00	38.02 1.74 0.00	35.14 1.61 0.00	36.21 1.69 0.00	38.59 2.05 0.00	47.39 2.81 0.00	55.66 3.15 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.94 2.84 -6.29	54.71 2.83 -6.31	56.15 2.83 -6.89	55.38 2.92 -6.82	59.65 3.09 -7.44	64.15 3.63 -7.06	65.77 4.76 -4.97	64.11 3.99 -5.41	57.43 3.52 -5.05	53.97 3.51 -4.92	48.82 3.14 -4.32	43.26 2.52 -2.62	39.74 2.08 -1.18
KIAC_JFK_GT2 23817	43.33 2.34 -2.68	38.71 2.02 0.00	38.02 1.74 0.00	35.14 1.61 0.00	36.21 1.69 0.00	38.59 2.05 0.00	47.39 2.81 0.00	55.66 3.15 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.94 2.84 -6.29	54.71 2.83 -6.31	56.15 2.83 -6.89	55.38 2.92 -6.82	59.65 3.09 -7.44	64.15 3.63 -7.06	65.77 4.76 -4.97	64.11 3.99 -5.41	57.43 3.52 -5.05	53.97 3.51 -4.92	48.82 3.14 -4.32	43.26 2.52 -2.62	39.74 2.08 -1.18
KIAC_JFK____ 323774	43.30 2.30 -2.68	38.71 2.02 0.00	38.02 1.74 0.00	35.14 1.61 0.00	36.21 1.69 0.00	38.59 2.05 0.00	47.39 2.81 0.00	55.66 3.15 -2.47	58.47 3.16 -5.21	60.14 3.15 -6.97	59.04 2.98 -7.22	54.94 2.84 -6.29	54.71 2.83 -6.31	56.15 2.83 -6.89	55.33 2.88 -6.82	59.65 3.10 -7.44	64.15 3.64 -7.06	65.77 4.76 -4.97	64.22 4.11 -5.41	57.43 3.52 -5.05	53.97 3.51 -4.92	48.86 3.18 -4.32	43.26 2.52 -2.62	39.74 2.08 -1.18
KINTIGH____ 23543	35.60 -2.72 0.00	34.13 -2.57 0.00	33.66 -2.61 0.00	31.08 -2.45 0.00	32.07 -2.45 0.00	34.06 -2.48 0.00	41.33 -3.25 0.00	45.53 -4.50 0.00	45.75 -4.36 0.00	45.87 -4.15 0.00	44.93 -3.91 0.00	41.68 -4.12 0.00	41.61 -3.97 0.00	42.81 -3.62 0.00	42.03 -3.61 0.00	45.53 -3.59 0.00	49.23 -4.22 0.00	51.66 -4.37 0.00	50.44 -4.27 0.00	44.90 -3.96 0.00	41.36 -4.19 0.00	38.00 -3.35 0.00	35.27 -2.86 0.00	34.33 -2.15 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.58 0.27 0.00	36.92 0.22 0.00	36.56 0.29 0.00	33.83 0.30 0.00	34.55 0.03 0.00	36.65 0.11 0.00	45.03 0.45 0.00	51.23 1.20 0.00	51.16 1.05 0.00	51.02 1.00 0.00	50.06 1.22 0.00	46.95 1.15 0.00	46.90 1.32 0.00	47.87 1.44 0.00	46.82 1.19 0.00	50.59 1.47 0.00	55.01 1.55 0.00	56.65 0.62 0.00	55.80 1.09 0.00	49.79 0.93 0.00	46.28 0.73 0.00	41.68 0.33 0.00	38.35 0.23 0.00	36.89 0.40 0.00
LACHUTE__HYDRO 323717	42.48 3.60 -0.57	40.11 3.41 0.00	39.39 3.12 0.00	36.28 2.75 0.00	37.38 2.86 0.00	39.90 3.36 0.00	48.82 4.24 0.00	55.61 5.05 -0.52	56.22 5.01 -1.10	56.19 4.70 -1.48	55.15 4.79 -1.53	51.58 4.44 -1.33	51.06 4.15 -1.34	51.83 3.94 -1.46	50.87 3.79 -1.44	54.96 4.27 -1.58	59.71 4.76 -1.50	63.09 6.00 -1.05	61.38 5.52 -1.15	54.33 4.40 -1.07	50.51 3.92 -1.04	45.58 3.31 -0.92	41.62 2.94 -0.56	39.47 2.74 -0.25
LAWRNCAL_115KV_TB1 80681	37.47 -0.84 0.00	35.63 -1.06 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.03 0.23 0.00	45.85 0.27 0.00	46.61 0.19 0.00	44.50 -1.14 0.00	47.30 -1.82 0.00	50.94 -2.51 0.00	52.50 -3.53 0.00	51.54 -3.17 0.00	46.12 -2.74 0.00	42.91 -2.64 0.00	38.91 -2.44 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
LEDERLE____ 23769	35.82 1.99 4.48	38.42 1.72 0.00	37.80 1.52 0.00	34.97 1.44 0.00	36.04 1.52 0.00	38.26 1.72 0.00	46.90 2.32 0.00	48.36 2.55 4.23	43.72 2.51 8.89	40.61 2.50 11.90	38.84 2.34 12.34	37.39 2.34 10.75	37.08 2.28 10.78	36.94 2.28 11.76	36.36 2.37 11.65	38.86 2.46 12.71	44.34 2.94 12.06	51.47 3.92 8.49	48.65 3.17 9.23	42.96 2.74 8.63	39.93 2.78 8.39	36.42 2.44 7.38	35.67 2.02 4.48	36.15 1.68 2.01
LIGHTRSE_115KV_TB6 355974	37.36 -0.96 0.00	35.70 -0.99 0.00	35.37 -0.91 0.00	32.62 -0.91 0.00	33.62 -0.90 0.00	35.67 -0.88 0.00	43.55 -1.03 0.00	49.08 -0.95 0.00	49.15 -0.95 0.00	49.22 -0.80 0.00	48.20 -0.63 0.00	45.07 -0.73 0.00	44.85 -0.73 0.00	45.69 -0.74 0.00	44.82 -0.82 0.00	48.13 -0.98 0.00	52.33 -1.12 0.00	54.86 -1.18 0.00	53.45 -1.26 0.00	47.73 -1.12 0.00	44.50 -1.05 0.00	40.44 -0.91 0.00	37.17 -0.95 0.00	35.61 -0.88 0.00
LINDEN COGEN____ 23786	43.22 2.22 -2.68	38.64 1.94 0.00	37.98 1.71 0.00	35.10 1.58 0.00	36.17 1.66 0.00	38.48 1.94 0.00	47.16 2.58 0.00	55.31 2.80 -2.47	58.07 2.75 -5.21	59.74 2.75 -6.97	58.64 2.59 -7.21	54.62 2.52 -6.29	54.39 2.51 -6.31	55.82 2.51 -6.89	55.01 2.55 -6.82	59.25 2.70 -7.43	63.66 3.15 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.89 2.98 -5.05	53.56 3.10 -4.92	48.61 2.94 -4.32	43.11 2.36 -2.62	39.67 2.01 -1.18
LINDHRST_69_KV_BK1 356055	44.63 3.64 -2.68	39.78 3.08 0.00	38.89 2.61 0.00	36.01 2.48 0.00	37.18 2.66 0.00	39.36 2.81 0.00	48.10 3.52 0.00	57.05 4.55 -2.47	59.31 4.01 -5.19	60.67 3.70 -6.95	59.95 3.91 -7.21	56.11 4.03 -6.28	55.70 3.83 -6.29	57.29 3.99 -6.87	56.78 4.34 -6.80	61.25 4.72 -7.42	66.22 5.72 -7.04	67.72 6.72 -4.96	65.63 5.53 -5.39	58.74 4.84 -5.04	55.05 4.60 -4.90	49.30 3.64 -4.31	43.87 3.13 -2.62	40.58 2.92 -1.18
LIPA_MISC_IPP 23656	44.75 3.75 -2.68	39.85 3.16 0.00	38.96 2.68 0.00	36.07 2.55 0.00	37.31 2.80 0.00	39.50 2.96 0.00	48.19 3.61 0.00	57.25 4.75 -2.47	59.36 4.06 -5.19	60.67 3.70 -6.95	60.05 4.00 -7.21	56.21 4.12 -6.28	55.84 3.97 -6.29	57.43 4.13 -6.87	57.01 4.56 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.00 7.00 -4.96	65.85 5.74 -5.39	58.89 4.98 -5.04	55.10 4.65 -4.90	49.26 3.60 -4.31	43.79 3.05 -2.62	40.62 2.96 -1.18
LISF__SOLAR 323691	44.71 3.72 -2.68	39.92 3.23 0.00	39.03 2.76 0.00	36.14 2.62 0.00	37.38 2.86 0.00	39.57 3.03 0.00	48.28 3.70 0.00	57.35 4.85 -2.47	59.46 4.16 -5.19	60.77 3.80 -6.95	60.14 4.10 -7.21	56.30 4.21 -6.28	55.93 4.06 -6.29	57.52 4.22 -6.87	57.05 4.61 -6.80	61.65 5.11 -7.42	66.70 6.20 -7.04	68.17 7.17 -4.96	66.12 6.02 -5.39	58.98 5.08 -5.04	55.10 4.65 -4.90	49.42 3.76 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18

LITTLE FALLS___HYD 24013	39.62 1.30 0.00	37.94 1.25 0.00	37.54 1.27 0.00	34.70 1.17 0.00	35.79 1.28 0.00	37.89 1.35 0.00	46.23 1.65 0.00	51.83 1.80 0.00	51.91 1.80 0.00	51.87 1.85 0.00	50.64 1.81 0.00	47.45 1.65 0.00	47.22 1.64 0.00	48.05 1.63 0.00	47.19 1.55 0.00	50.69 1.57 0.00	55.17 1.71 0.00	57.88 1.85 0.00	56.35 1.64 0.00	50.28 1.42 0.00	46.82 1.28 0.00	42.55 1.20 0.00	39.23 1.11 0.00	37.47 0.99 0.00
LITTLRIV_115KV_TB1 356100	38.05 -0.27 0.00	36.14 -0.55 0.00	36.06 -0.22 0.00	33.26 -0.27 0.00	33.69 -0.83 0.00	35.19 -1.35 0.00	43.02 -1.56 0.00	49.63 -0.40 0.00	49.61 -0.50 0.00	50.12 0.10 0.00	50.30 1.47 0.00	46.95 1.15 0.00	46.72 1.14 0.00	47.54 1.11 0.00	45.36 -0.27 0.00	48.28 -0.83 0.00	52.12 -1.34 0.00	53.68 -2.35 0.00	52.68 -2.02 0.00	47.15 -1.71 0.00	43.82 -1.73 0.00	39.70 -1.65 0.00	36.79 -1.33 0.00	35.90 -0.58 0.00
LI_NEWBRDGE___DRP 323616	43.86 2.87 -2.68	39.08 2.39 0.00	38.23 1.96 0.00	35.40 1.88 0.00	36.55 2.04 0.00	38.70 2.16 0.00	47.34 2.76 0.00	56.00 3.50 -2.47	58.36 3.06 -5.19	59.77 2.80 -6.95	58.97 2.93 -7.21	55.20 3.11 -6.28	54.79 2.92 -6.29	56.32 3.02 -6.87	55.77 3.33 -6.80	60.12 3.59 -7.42	64.88 4.38 -7.04	66.32 5.32 -4.96	64.37 4.27 -5.39	57.62 3.71 -5.04	54.05 3.60 -4.90	48.60 2.94 -4.31	43.18 2.44 -2.61	39.92 2.26 -1.18
LOCKPORT_115KV_TB60_63_64 80432	35.98 -2.34 0.00	34.49 -2.20 0.00	33.99 -2.29 0.00	31.38 -2.15 0.00	32.41 -2.11 0.00	34.46 -2.08 0.00	41.77 -2.81 0.00	45.88 -4.15 0.00	46.20 -3.91 0.00	46.32 -3.70 0.00	45.46 -3.37 0.00	42.00 -3.80 0.00	41.98 -3.60 0.00	43.32 -3.11 0.00	42.53 -3.10 0.00	46.12 -3.00 0.00	49.77 -3.69 0.00	52.22 -3.81 0.00	51.04 -3.67 0.00	45.39 -3.47 0.00	41.68 -3.87 0.00	38.42 -2.94 0.00	35.69 -2.44 0.00	34.88 -1.61 0.00
LOCKPORT___CC1 323769	36.09 -2.22 0.00	34.49 -2.20 0.00	33.99 -2.28 0.00	31.35 -2.18 0.00	32.38 -2.14 0.00	34.42 -2.12 0.00	41.73 -2.85 0.00	45.83 -4.20 0.00	46.10 -4.01 0.00	46.26 -3.75 0.00	45.37 -3.47 0.00	42.05 -3.76 0.00	41.93 -3.65 0.00	43.23 -3.20 0.00	42.67 -2.97 0.00	46.07 -3.05 0.00	49.66 -3.79 0.00	52.11 -3.92 0.00	50.99 -3.72 0.00	45.29 -3.56 0.00	41.63 -3.92 0.00	38.29 -3.06 0.00	35.65 -2.48 0.00	34.84 -1.64 0.00
LOCKPORT___CC2 323770	36.09 -2.22 0.00	34.49 -2.20 0.00	33.99 -2.28 0.00	31.35 -2.18 0.00	32.38 -2.14 0.00	34.42 -2.12 0.00	41.73 -2.85 0.00	45.83 -4.20 0.00	46.10 -4.01 0.00	46.26 -3.75 0.00	45.37 -3.47 0.00	42.05 -3.76 0.00	41.93 -3.65 0.00	43.23 -3.20 0.00	42.67 -2.97 0.00	46.07 -3.05 0.00	49.66 -3.79 0.00	52.11 -3.92 0.00	50.99 -3.72 0.00	45.29 -3.56 0.00	41.63 -3.92 0.00	38.29 -3.06 0.00	35.65 -2.48 0.00	34.84 -1.64 0.00
LOCKPORT___CC3 323771	36.09 -2.22 0.00	34.49 -2.20 0.00	33.99 -2.28 0.00	31.35 -2.18 0.00	32.38 -2.14 0.00	34.42 -2.12 0.00	41.73 -2.85 0.00	45.83 -4.20 0.00	46.10 -4.01 0.00	46.26 -3.75 0.00	45.37 -3.47 0.00	42.05 -3.76 0.00	41.93 -3.65 0.00	43.23 -3.20 0.00	42.67 -2.97 0.00	46.07 -3.05 0.00	49.66 -3.79 0.00	52.11 -3.92 0.00	50.99 -3.72 0.00	45.29 -3.56 0.00	41.63 -3.92 0.00	38.29 -3.06 0.00	35.65 -2.48 0.00	34.84 -1.64 0.00
LONG_LAKE_PHOENIX 24014	37.17 -1.15 0.00	35.59 -1.10 0.00	35.19 -1.09 0.00	32.45 -1.07 0.00	33.45 -1.07 0.00	35.48 -1.06 0.00	43.33 -1.25 0.00	48.58 -1.45 0.00	48.65 -1.45 0.00	48.62 -1.40 0.00	47.52 -1.32 0.00	44.48 -1.33 0.00	44.26 -1.32 0.00	45.13 -1.30 0.00	44.36 -1.28 0.00	47.74 -1.38 0.00	51.96 -1.50 0.00	54.63 -1.40 0.00	53.23 -1.48 0.00	47.49 -1.37 0.00	44.23 -1.32 0.00	40.19 -1.16 0.00	36.98 -1.14 0.00	35.43 -1.06 0.00
LOVETT___3 23632	35.55 1.80 4.57	38.24 1.54 0.00	37.65 1.38 0.00	34.83 1.31 0.00	35.86 1.35 0.00	38.08 1.53 0.00	46.63 2.05 0.00	48.02 2.30 4.32	43.23 2.20 9.08	40.06 2.20 12.16	38.34 2.10 12.60	36.89 2.06 10.98	36.58 2.01 11.01	36.46 2.04 12.01	35.84 2.10 11.90	38.30 2.16 12.98	43.71 2.57 12.31	50.95 3.59 8.67	48.13 2.84 9.43	42.54 2.49 8.81	39.48 2.51 8.57	36.05 2.23 7.53	35.38 1.83 4.57	35.96 1.53 2.06
LOVETT___4 23642	35.55 1.80 4.57	38.24 1.54 0.00	37.65 1.38 0.00	34.83 1.31 0.00	35.86 1.35 0.00	38.08 1.53 0.00	46.63 2.05 0.00	48.02 2.30 4.32	43.23 2.20 9.08	40.06 2.20 12.16	38.34 2.10 12.60	36.89 2.06 10.98	36.58 2.01 11.01	36.46 2.04 12.01	35.84 2.10 11.90	38.30 2.16 12.98	43.71 2.57 12.31	50.95 3.59 8.67	48.13 2.84 9.43	42.54 2.49 8.81	39.48 2.51 8.57	36.05 2.23 7.53	35.38 1.83 4.57	35.96 1.53 2.06
LOVETT___5 23593	35.55 1.80 4.57	38.24 1.54 0.00	37.65 1.38 0.00	34.83 1.31 0.00	35.86 1.35 0.00	38.08 1.53 0.00	46.63 2.05 0.00	48.02 2.30 4.32	43.23 2.20 9.08	40.06 2.20 12.16	38.34 2.10 12.60	36.89 2.06 10.98	36.58 2.01 11.01	36.46 2.04 12.01	35.84 2.10 11.90	38.30 2.16 12.98	43.71 2.57 12.31	50.95 3.59 8.67	48.13 2.84 9.43	42.54 2.49 8.81	39.48 2.51 8.57	36.05 2.23 7.53	35.38 1.83 4.57	35.96 1.53 2.06
LOWER RAQUET___HYD 24057	37.47 -0.84 0.00	35.63 -1.07 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.08 0.28 0.00	45.85 0.28 0.00	46.62 0.19 0.00	44.50 -1.14 0.00	47.35 -1.77 0.00	50.94 -2.51 0.00	52.51 -3.53 0.00	51.53 -3.17 0.00	46.17 -2.69 0.00	42.91 -2.64 0.00	38.95 -2.40 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
LOWER___HUDSON 24059	40.61 1.68 -0.61	38.31 1.61 0.00	37.87 1.59 0.00	35.00 1.47 0.00	36.03 1.52 0.00	38.15 1.61 0.00	46.45 1.87 0.00	52.70 2.10 -0.56	53.40 2.10 -1.19	53.71 2.10 -1.59	52.44 1.96 -1.65	49.16 1.92 -1.44	48.84 1.83 -1.44	49.76 1.76 -1.57	48.88 1.69 -1.56	52.58 1.77 -1.70	57.10 2.03 -1.61	60.03 2.86 -1.14	58.46 2.52 -1.23	52.06 2.05 -1.15	48.58 1.91 -1.12	44.08 1.74 -0.99	40.40 1.68 -0.60	38.32 1.57 -0.27
LOWVILLE_115KV_TB2 356335	37.51 -0.80 0.00	35.74 -0.95 0.00	35.73 -0.54 0.00	32.96 -0.57 0.00	33.90 -0.62 0.00	35.89 -0.66 0.00	44.00 -0.58 0.00	50.03 0.00 0.00	50.11 0.00 0.00	50.17 0.15 0.00	49.32 0.49 0.00	46.13 0.32 0.00	45.85 0.27 0.00	46.61 0.19 0.00	45.46 -0.18 0.00	48.62 -0.49 0.00	52.65 -0.80 0.00	54.97 -1.06 0.00	53.67 -1.04 0.00	47.98 -0.88 0.00	44.68 -0.87 0.00	40.40 -0.95 0.00	37.17 -0.95 0.00	35.65 -0.84 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.08 2.18 -0.58	38.79 2.09 0.00	38.23 1.96 0.00	35.30 1.78 0.00	36.35 1.83 0.00	38.59 2.05 0.00	47.08 2.50 0.00	53.42 2.85 -0.53	54.19 2.96 -1.12	54.32 2.80 -1.51	53.18 2.78 -1.56	49.82 2.66 -1.36	49.45 2.51 -1.36	50.33 2.41 -1.49	49.44 2.33 -1.47	53.28 2.55 -1.61	57.87 2.89 -1.53	60.86 3.75 -1.07	59.22 3.34 -1.17	52.74 2.78 -1.09	49.12 2.51 -1.06	44.52 2.23 -0.93	40.75 2.06 -0.57	38.64 1.90 -0.25

LUTHERNY_35_KV_BK2 355980	41.12 2.22 -0.58	38.82 2.13 0.00	38.27 2.00 0.00	35.34 1.81 0.00	36.38 1.86 0.00	38.63 2.08 0.00	47.12 2.54 0.00	53.47 2.90 -0.53	54.24 3.01 -1.12	54.37 2.85 -1.51	53.18 2.78 -1.56	49.82 2.66 -1.36	49.49 2.55 -1.36	50.33 2.41 -1.49	49.48 2.37 -1.47	53.33 2.60 -1.61	57.87 2.89 -1.53	60.92 3.81 -1.07	59.27 3.39 -1.17	52.74 2.78 -1.09	49.16 2.55 -1.06	44.52 2.23 -0.93	40.75 2.06 -0.57	38.67 1.93 -0.25
LWR___OSWEGATCHIE_HYD 23850	37.09 -1.23 0.00	35.30 -1.39 0.00	35.22 -1.05 0.00	32.49 -1.04 0.00	33.14 -1.38 0.00	34.83 -1.72 0.00	42.62 -1.96 0.00	48.78 -1.25 0.00	48.80 -1.30 0.00	49.12 -0.90 0.00	48.83 0.00 0.00	45.67 -0.14 0.00	45.40 -0.18 0.00	46.15 -0.28 0.00	44.50 -1.14 0.00	47.45 -1.67 0.00	51.26 -2.19 0.00	53.18 -2.86 0.00	52.03 -2.68 0.00	46.56 -2.30 0.00	43.32 -2.23 0.00	39.24 -2.11 0.00	36.26 -1.87 0.00	35.10 -1.39 0.00
LYONS_FALL_HYD 23570	38.05 -0.27 0.00	36.33 -0.37 0.00	36.17 -0.11 0.00	33.36 -0.17 0.00	34.35 -0.17 0.00	36.40 -0.15 0.00	44.58 0.00 0.00	50.48 0.45 0.00	50.56 0.45 0.00	50.62 0.60 0.00	49.66 0.83 0.00	46.45 0.64 0.00	46.22 0.64 0.00	46.99 0.56 0.00	45.96 0.32 0.00	49.26 0.15 0.00	53.46 0.00 0.00	55.92 -0.11 0.00	54.55 -0.16 0.00	48.71 -0.15 0.00	45.37 -0.18 0.00	41.11 -0.25 0.00	37.82 -0.31 0.00	36.23 -0.25 0.00
MADISON___COUNTY_LFGE 323628	38.89 0.57 0.00	37.17 0.48 0.00	36.82 0.54 0.00	33.96 0.44 0.00	35.04 0.52 0.00	37.20 0.66 0.00	45.52 0.94 0.00	51.23 1.20 0.00	51.36 1.25 0.00	51.32 1.30 0.00	50.15 1.32 0.00	46.95 1.15 0.00	46.76 1.19 0.00	47.59 1.16 0.00	46.73 1.10 0.00	50.24 1.13 0.00	54.63 1.18 0.00	57.38 1.34 0.00	55.86 1.15 0.00	49.84 0.98 0.00	46.41 0.87 0.00	42.10 0.74 0.00	38.74 0.61 0.00	37.07 0.58 0.00
MALONE___115KV_TB1 356076	38.55 0.23 0.00	36.84 0.15 0.00	36.53 0.25 0.00	33.79 0.27 0.00	34.41 -0.10 0.00	36.40 -0.15 0.00	44.62 0.04 0.00	50.98 0.95 0.00	50.91 0.80 0.00	50.92 0.90 0.00	50.25 1.42 0.00	47.09 1.28 0.00	46.99 1.41 0.00	47.91 1.49 0.00	46.60 0.96 0.00	50.15 1.03 0.00	54.42 0.96 0.00	55.92 -0.11 0.00	55.15 0.44 0.00	49.25 0.39 0.00	45.78 0.23 0.00	41.27 -0.08 0.00	38.05 -0.08 0.00	36.70 0.22 0.00
MAPLEWOD_115KV_TB3 80458	40.17 1.26 -0.59	37.94 1.25 0.00	37.51 1.23 0.00	34.73 1.21 0.00	35.76 1.24 0.00	37.79 1.24 0.00	45.83 1.25 0.00	51.93 1.35 -0.54	52.65 1.40 -1.14	52.94 1.40 -1.53	51.69 1.27 -1.58	48.51 1.33 -1.38	48.24 1.28 -1.38	49.14 1.21 -1.51	48.32 1.19 -1.63	51.92 1.18 -1.55	56.39 1.39 -1.09	59.25 2.13 -1.19	57.59 1.70 -1.11	51.34 1.37 -1.11	47.95 1.32 -1.08	43.54 1.24 -0.95	40.15 1.45 -0.57	38.06 1.31 -0.26
MAPLE_RIDGE_WT_1 323574	37.63 -0.69 0.00	36.11 -0.59 0.00	35.77 -0.51 0.00	33.09 -0.44 0.00	34.07 -0.45 0.00	36.11 -0.44 0.00	44.09 -0.49 0.00	49.63 -0.40 0.00	49.76 -0.35 0.00	49.57 -0.45 0.00	48.35 -0.49 0.00	45.35 -0.46 0.00	45.17 -0.41 0.00	45.96 -0.46 0.00	45.14 -0.50 0.00	48.67 -0.44 0.00	52.82 -0.64 0.00	55.03 -1.01 0.00	53.78 -0.93 0.00	47.98 -0.88 0.00	44.68 -0.87 0.00	40.44 -0.91 0.00	37.29 -0.84 0.00	35.68 -0.80 0.00
MAPLE_RIDGE_WT_2 323611	37.63 -0.69 0.00	36.11 -0.59 0.00	35.77 -0.51 0.00	33.09 -0.44 0.00	34.07 -0.45 0.00	36.11 -0.44 0.00	44.09 -0.49 0.00	49.63 -0.40 0.00	49.76 -0.35 0.00	49.57 -0.45 0.00	48.35 -0.49 0.00	45.35 -0.46 0.00	45.17 -0.41 0.00	45.96 -0.46 0.00	45.14 -0.50 0.00	48.67 -0.44 0.00	52.82 -0.64 0.00	55.03 -1.01 0.00	53.78 -0.93 0.00	47.98 -0.88 0.00	44.68 -0.87 0.00	40.44 -0.91 0.00	37.29 -0.84 0.00	35.68 -0.80 0.00
MARBLE_RIVER_WT_PWR 323696	38.09 -0.23 0.00	36.48 -0.22 0.00	36.13 -0.14 0.00	33.43 -0.10 0.00	34.17 -0.35 0.00	36.25 -0.29 0.00	44.40 -0.18 0.00	50.38 0.35 0.00	50.36 0.25 0.00	50.22 0.20 0.00	49.27 0.44 0.00	46.26 0.46 0.00	46.17 0.59 0.00	47.13 0.70 0.00	46.14 0.50 0.00	49.75 0.64 0.00	54.04 0.59 0.00	55.70 -0.33 0.00	54.76 0.05 0.00	49.01 0.15 0.00	45.55 0.00 0.00	41.11 -0.25 0.00	37.86 -0.27 0.00	36.38 -0.11 0.00
MARSHVLE_115KV_TB1 80742	40.59 1.92 -0.36	38.49 1.80 0.00	37.98 1.70 0.00	35.04 1.51 0.00	36.11 1.59 0.00	38.48 1.94 0.00	47.12 2.54 0.00	53.47 3.10 -0.33	53.82 3.01 -0.70	53.31 2.35 -0.94	52.20 2.39 -0.98	48.53 1.88 -0.85	48.16 1.73 -0.85	49.22 1.86 -0.93	48.20 1.64 -0.92	52.38 2.26 -1.01	57.30 2.89 -0.95	60.46 3.75 -0.67	58.94 3.50 -0.73	52.43 2.88 -0.69	48.77 2.55 -0.67	44.25 2.32 -0.59	40.35 1.87 -0.36	38.21 1.57 -0.16
MARSH_HILL_WT_PWR 323713	37.86 -0.46 0.00	36.22 -0.48 0.00	35.84 -0.43 0.00	33.06 -0.47 0.00	34.14 -0.38 0.00	36.36 -0.18 0.00	44.58 0.00 0.00	49.38 -0.65 0.00	49.45 -0.65 0.00	49.21 -0.80 0.00	48.00 -0.83 0.00	44.29 -1.51 0.00	44.21 -1.37 0.00	45.36 -1.07 0.00	44.73 -0.91 0.00	48.13 -0.98 0.00	52.28 -1.18 0.00	55.03 -1.01 0.00	53.78 -0.93 0.00	47.83 -1.03 0.00	44.32 -1.23 0.00	40.65 -0.70 0.00	37.67 -0.46 0.00	36.48 0.00 0.00
MCINTYRE_115KV_TB2 80467	38.51 0.19 0.00	36.51 -0.18 0.00	36.46 0.18 0.00	33.59 0.07 0.00	34.07 -0.45 0.00	35.59 -0.95 0.00	43.60 -0.98 0.00	50.38 0.35 0.00	50.31 0.20 0.00	50.82 0.80 0.00	50.98 2.15 0.00	47.55 1.74 0.00	47.26 1.69 0.00	48.10 1.67 0.00	45.91 0.27 0.00	48.92 -0.20 0.00	52.87 -0.59 0.00	54.41 -1.62 0.00	53.40 -1.31 0.00	47.83 -1.03 0.00	44.45 -1.09 0.00	40.24 -1.12 0.00	37.25 -0.88 0.00	36.30 -0.18 0.00
MECO_____69_KV_BK1 80468	41.57 2.84 -0.42	39.34 2.64 0.00	38.81 2.54 0.00	35.77 2.25 0.00	36.86 2.35 0.00	39.32 2.78 0.00	48.15 3.57 0.00	54.62 4.20 -0.39	55.04 4.11 -0.82	54.62 3.50 -1.10	53.44 3.47 -1.14	49.73 2.93 -0.99	49.40 2.83 -0.99	50.30 2.79 -1.09	49.45 2.74 -1.08	53.68 3.39 -1.17	58.63 4.06 -1.11	61.86 5.04 -0.79	60.32 4.76 -0.85	53.66 4.01 -0.80	49.92 3.60 -0.78	45.22 3.18 -0.68	41.25 2.71 -0.41	39.04 2.37 -0.19
MENANDS___115KV_TB5 355628	40.02 1.11 -0.59	37.83 1.14 0.00	37.40 1.12 0.00	34.63 1.11 0.00	35.66 1.14 0.00	37.64 1.10 0.00	45.61 1.03 0.00	51.68 1.10 -0.54	52.40 1.15 -1.15	52.70 1.15 -1.53	51.45 1.03 -1.59	48.29 1.10 -1.39	48.02 1.05 -1.39	48.92 0.98 -1.52	48.10 0.96 -1.50	51.69 0.93 -1.64	56.08 1.07 -1.55	58.92 1.79 -1.09	57.27 1.37 -1.19	51.10 1.12 -1.11	47.72 1.09 -1.08	43.34 1.03 -0.95	40.04 1.33 -0.58	37.98 1.24 -0.26
MG INDUSTRY___DRP 24185	39.90 1.07 -0.51	37.80 1.10 0.00	37.40 1.12 0.00	34.60 1.07 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.61 1.03 0.00	51.56 1.05 -0.48	52.16 1.05 -1.00	52.41 1.05 -1.34	51.20 0.98 -1.39	47.98 0.96 -1.21	47.70 0.91 -1.21	48.63 0.88 -1.32	47.82 0.87 -1.31	51.43 0.88 -1.43	55.88 1.07 -1.36	58.67 1.68 -0.96	57.06 1.31 -1.04	50.91 1.07 -0.97	47.54 1.05 -0.95	43.18 0.99 -0.83	39.85 1.22 -0.50	37.84 1.13 -0.23

MID___OSWEGATCHIE_HYD 23849	37.09 -1.23 0.00	35.30 -1.39 0.00	35.22 -1.05 0.00	32.49 -1.04 0.00	33.14 -1.38 0.00	34.83 -1.72 0.00	42.62 -1.96 0.00	48.78 -1.25 0.00	48.80 -1.30 0.00	49.12 -0.90 0.00	48.83 0.00 0.00	45.67 -0.14 0.00	45.40 -0.18 0.00	46.15 -0.28 0.00	44.50 -1.14 0.00	47.45 -1.67 0.00	51.26 -2.19 0.00	53.18 -2.86 0.00	52.03 -2.68 0.00	46.56 -2.30 0.00	43.32 -2.23 0.00	39.24 -2.11 0.00	36.26 -1.87 0.00	35.10 -1.39 0.00
MID___RAQUETTE_HYD 23851	37.47 -0.84 0.00	35.63 -1.06 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.08 0.27 0.00	45.85 0.27 0.00	46.61 0.19 0.00	44.50 -1.14 0.00	47.35 -1.77 0.00	50.94 -2.51 0.00	52.50 -3.53 0.00	51.59 -3.12 0.00	46.17 -2.69 0.00	42.91 -2.64 0.00	38.95 -2.40 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
MILLIKEN___1 23584	38.62 0.31 0.00	36.95 0.26 0.00	36.53 0.25 0.00	33.66 0.13 0.00	34.72 0.21 0.00	36.87 0.33 0.00	45.16 0.58 0.00	50.43 0.40 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.23 0.39 0.00	46.03 0.23 0.00	45.81 0.23 0.00	46.75 0.32 0.00	45.96 0.32 0.00	49.51 0.39 0.00	53.88 0.43 0.00	56.99 0.95 0.00	55.48 0.77 0.00	49.45 0.59 0.00	46.00 0.46 0.00	41.81 0.45 0.00	38.43 0.31 0.00	36.81 0.33 0.00
MILLIKEN___2 23585	38.62 0.31 0.00	36.95 0.26 0.00	36.53 0.25 0.00	33.66 0.13 0.00	34.72 0.21 0.00	36.87 0.33 0.00	45.16 0.58 0.00	50.43 0.40 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.23 0.39 0.00	46.03 0.23 0.00	45.81 0.23 0.00	46.75 0.32 0.00	45.96 0.32 0.00	49.51 0.39 0.00	53.88 0.43 0.00	56.99 0.95 0.00	55.48 0.77 0.00	49.45 0.59 0.00	46.00 0.46 0.00	41.81 0.45 0.00	38.43 0.31 0.00	36.81 0.33 0.00
MILLIKEN___DIESEL 23629	38.62 0.31 0.00	36.95 0.26 0.00	36.53 0.25 0.00	33.66 0.13 0.00	34.72 0.21 0.00	36.87 0.33 0.00	45.16 0.58 0.00	50.43 0.40 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.23 0.39 0.00	46.03 0.23 0.00	45.81 0.23 0.00	46.75 0.32 0.00	45.96 0.32 0.00	49.51 0.39 0.00	53.88 0.43 0.00	56.99 0.95 0.00	55.48 0.77 0.00	49.45 0.59 0.00	46.00 0.46 0.00	41.81 0.45 0.00	38.43 0.31 0.00	36.81 0.33 0.00
MILLSEAT___LFGE 323607	36.74 -1.57 0.00	35.16 -1.54 0.00	34.61 -1.67 0.00	31.92 -1.61 0.00	32.93 -1.59 0.00	35.08 -1.46 0.00	42.62 -1.96 0.00	47.13 -2.90 0.00	47.35 -2.76 0.00	47.47 -2.55 0.00	46.49 -2.34 0.00	43.10 -2.70 0.00	42.98 -2.60 0.00	44.29 -2.13 0.00	43.76 -1.87 0.00	47.20 -1.92 0.00	50.94 -2.51 0.00	53.46 -2.58 0.00	52.36 -2.35 0.00	46.51 -2.34 0.00	42.72 -2.82 0.00	39.25 -2.11 0.00	36.41 -1.71 0.00	35.46 -1.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.23 2.11 -2.81	38.57 1.87 0.00	37.94 1.67 0.00	35.07 1.54 0.00	36.14 1.62 0.00	38.37 1.83 0.00	46.99 2.41 0.00	55.33 2.70 -2.59	58.17 2.61 -5.46	59.92 2.60 -7.31	58.85 2.44 -7.57	54.83 2.43 -6.60	54.56 2.37 -6.61	56.01 2.37 -7.22	55.25 2.46 -7.15	59.47 2.55 -7.80	63.85 2.99 -7.40	65.28 4.03 -5.21	63.71 3.34 -5.67	57.04 2.88 -5.30	53.57 2.87 -5.15	48.44 2.56 -4.53	43.01 2.14 -2.75	39.54 1.82 -1.24
MILLWOOD_13_KV_LOAD 356217	43.35 2.22 -2.81	38.64 1.94 0.00	38.02 1.74 0.00	35.14 1.61 0.00	36.21 1.69 0.00	38.44 1.90 0.00	47.08 2.50 0.00	55.43 2.80 -2.59	58.32 2.76 -5.46	60.07 2.75 -7.31	58.99 2.59 -7.57	54.97 2.57 -6.60	54.70 2.51 -6.61	56.15 2.51 -7.22	55.39 2.60 -7.15	59.62 2.70 -7.80	64.01 3.15 -7.40	65.45 4.20 -5.21	63.82 3.45 -5.67	57.14 2.98 -5.30	53.66 2.96 -5.15	48.57 2.69 -4.53	43.08 2.21 -2.75	39.62 1.90 -1.24
MODEL_CITY_ENERGY 24167	35.48 -2.83 0.00	33.90 -2.79 0.00	33.44 -2.83 0.00	30.88 -2.65 0.00	31.86 -2.66 0.00	33.88 -2.67 0.00	41.01 -3.57 0.00	44.98 -5.05 0.00	45.25 -4.86 0.00	45.42 -4.60 0.00	44.54 -4.30 0.00	41.27 -4.54 0.00	41.16 -4.42 0.00	42.44 -3.99 0.00	41.90 -3.74 0.00	45.23 -3.88 0.00	48.75 -4.70 0.00	51.16 -4.88 0.00	50.00 -4.71 0.00	44.46 -4.40 0.00	40.86 -4.69 0.00	37.63 -3.72 0.00	35.04 -3.09 0.00	34.26 -2.23 0.00
MODERN_LFGE___ 323580	35.48 -2.83 0.00	33.90 -2.79 0.00	33.44 -2.83 0.00	30.88 -2.65 0.00	31.86 -2.66 0.00	33.88 -2.67 0.00	41.01 -3.57 0.00	44.98 -5.05 0.00	45.25 -4.86 0.00	45.42 -4.60 0.00	44.54 -4.30 0.00	41.27 -4.54 0.00	41.16 -4.42 0.00	42.44 -3.99 0.00	41.90 -3.74 0.00	45.23 -3.88 0.00	48.75 -4.70 0.00	51.16 -4.88 0.00	50.00 -4.71 0.00	44.46 -4.40 0.00	40.86 -4.69 0.00	37.63 -3.72 0.00	35.04 -3.09 0.00	34.26 -2.23 0.00
MOHAWK_PAPER___DRP 24187	40.17 1.26 -0.59	37.94 1.25 0.00	37.51 1.23 0.00	34.73 1.21 0.00	35.76 1.24 0.00	37.79 1.24 0.00	45.83 1.25 0.00	51.93 1.35 -0.54	52.65 1.40 -1.14	52.94 1.40 -1.53	51.69 1.27 -1.58	48.51 1.33 -1.38	48.24 1.28 -1.38	49.14 1.21 -1.51	48.32 1.19 -1.49	51.92 1.18 -1.63	56.39 1.39 -1.55	59.25 2.13 -1.09	57.59 1.70 -1.19	51.34 1.37 -1.11	47.95 1.32 -1.08	43.54 1.24 -0.95	40.15 1.45 -0.57	38.06 1.31 -0.26
MOHICAN___35_KV_115KV_LD 80490	41.11 2.22 -0.57	38.82 2.13 0.00	38.20 1.92 0.00	35.24 1.71 0.00	36.28 1.76 0.00	38.59 2.05 0.00	47.12 2.54 0.00	53.56 3.00 -0.53	54.37 3.16 -1.11	54.40 2.90 -1.48	53.30 2.93 -1.54	49.89 2.75 -1.34	49.52 2.60 -1.34	50.35 2.46 -1.46	49.46 2.37 -1.45	53.30 2.60 -1.58	57.90 2.94 -1.50	61.01 3.92 -1.06	59.31 3.45 -1.15	52.72 2.78 -1.08	49.10 2.51 -1.05	44.42 2.15 -0.92	40.63 1.94 -0.56	38.60 1.86 -0.25
MONGAUP___HYD 23641	36.52 1.80 3.60	38.31 1.61 0.00	37.73 1.45 0.00	34.83 1.31 0.00	35.90 1.38 0.00	38.15 1.61 0.00	46.81 2.23 0.00	49.34 2.50 3.19	45.74 2.36 6.72	43.22 2.20 9.00	41.56 2.05 9.32	39.65 1.97 8.12	39.35 1.91 8.14	39.54 2.00 8.89	38.93 2.10 8.80	41.87 2.36 9.60	47.23 2.88 9.11	53.43 3.81 6.41	50.91 3.17 6.98	44.92 2.59 6.52	41.80 2.59 6.34	38.01 2.23 5.57	36.61 1.87 3.38	36.50 1.53 1.52
MONTAUK___DIESEL 23721	44.82 3.83 -2.68	40.14 3.45 0.00	39.32 3.05 0.00	36.54 3.02 0.00	37.97 3.45 0.00	40.27 3.73 0.00	49.31 4.73 0.00	58.90 6.40 -2.47	61.01 5.71 -5.19	62.27 5.30 -6.95	61.80 5.76 -7.21	57.90 5.82 -6.28	57.39 5.51 -6.29	59.01 5.71 -6.87	58.51 6.07 -6.80	63.07 6.53 -7.42	68.30 7.80 -7.04	69.62 8.63 -4.96	67.11 7.00 -5.39	59.81 5.91 -5.04	55.78 5.33 -4.90	49.59 3.93 -4.31	43.83 3.09 -2.62	40.69 3.03 -1.18
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.59 -0.73 0.00	36.03 -0.66 0.00	35.51 -0.76 0.00	32.82 -0.70 0.00	34.00 -0.52 0.00	36.47 -0.07 0.00	44.76 0.18 0.00	49.43 -0.60 0.00	49.81 -0.30 0.00	49.77 -0.25 0.00	48.88 0.05 0.00	45.07 -0.73 0.00	45.08 -0.50 0.00	46.61 0.19 0.00	45.64 0.00 0.00	49.46 0.34 0.00	52.92 -0.53 0.00	55.81 -0.22 0.00	54.55 -0.16 0.00	48.37 -0.49 0.00	44.41 -1.14 0.00	40.90 -0.45 0.00	37.90 -0.23 0.00	36.92 0.44 0.00

MORRIS_RIDGE___SOLAR 323848	37.17 -1.15 0.00	35.56 -1.14 0.00	35.11 -1.16 0.00	32.39 -1.14 0.00	33.45 -1.07 0.00	35.56 -0.98 0.00	43.47 -1.11 0.00	48.08 -1.95 0.00	48.25 -1.85 0.00	48.17 -1.85 0.00	47.08 -1.76 0.00	43.61 -2.20 0.00	43.48 -2.10 0.00	44.71 -1.72 0.00	44.18 -1.46 0.00	47.69 -1.43 0.00	51.69 -1.76 0.00	54.41 -1.63 0.00	53.12 -1.59 0.00	47.25 -1.61 0.00	43.68 -1.87 0.00	40.03 -1.32 0.00	37.02 -1.11 0.00	35.90 -0.59 0.00
MORTIMER_115KV_TB3 55949	36.51 -1.80 0.00	35.04 -1.65 0.00	34.53 -1.74 0.00	31.88 -1.64 0.00	32.86 -1.66 0.00	34.94 -1.61 0.00	42.48 -2.10 0.00	47.33 -2.70 0.00	47.50 -2.61 0.00	47.57 -2.45 0.00	46.49 -2.34 0.00	43.29 -2.52 0.00	43.16 -2.42 0.00	44.25 -2.18 0.00	43.54 -2.10 0.00	47.05 -2.06 0.00	50.94 -2.51 0.00	53.46 -2.58 0.00	52.25 -2.46 0.00	46.51 -2.35 0.00	43.00 -2.55 0.00	39.28 -2.07 0.00	36.33 -1.79 0.00	35.10 -1.39 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.45 2.45 -2.68	38.86 2.17 0.00	38.16 1.89 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.56 3.05 -2.47	58.31 3.01 -5.20	59.98 3.00 -6.96	58.88 2.83 -7.22	54.89 2.79 -6.29	54.62 2.73 -6.30	56.05 2.74 -6.88	55.28 2.83 -6.81	59.54 3.00 -7.43	63.93 3.42 -7.05	65.54 4.54 -4.97	63.88 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.78 2.12 -1.18
MUNSVILLE_WIND_PWR 323609	40.53 2.45 0.24	38.79 2.09 0.00	38.49 2.21 0.00	35.37 1.84 0.00	36.55 2.04 0.00	38.95 2.41 0.00	48.01 3.43 0.00	58.01 8.25 0.27	57.70 8.17 0.57	57.30 8.05 0.77	56.05 8.01 0.80	52.03 6.92 0.69	51.77 6.88 0.70	52.40 6.73 0.76	51.41 6.53 0.75	55.32 7.02 0.82	60.96 8.29 0.78	60.19 4.60 0.44	58.44 4.21 0.48	52.12 3.71 0.45	48.48 3.37 0.44	43.86 2.89 0.38	40.33 2.44 0.23	38.72 2.34 0.10
N SALMON___HYD 24042	38.55 0.23 0.00	36.84 0.15 0.00	36.53 0.26 0.00	33.79 0.27 0.00	34.41 -0.10 0.00	36.40 -0.15 0.00	44.62 0.04 0.00	50.98 0.95 0.00	50.91 0.80 0.00	50.92 0.90 0.00	50.25 1.42 0.00	47.09 1.28 0.00	46.99 1.41 0.00	47.91 1.49 0.00	46.60 0.96 0.00	50.15 1.03 0.00	54.42 0.96 0.00	55.92 -0.11 0.00	55.04 0.33 0.00	49.25 0.39 0.00	45.78 0.23 0.00	41.27 -0.08 0.00	38.05 -0.08 0.00	36.70 0.22 0.00
N.AKRON__115KV_KNAPP 355671	36.55 -1.76 0.00	35.08 -1.61 0.00	34.53 -1.74 0.00	31.88 -1.64 0.00	32.90 -1.62 0.00	35.04 -1.50 0.00	42.53 -2.05 0.00	46.98 -3.05 0.00	47.25 -2.86 0.00	47.32 -2.70 0.00	46.39 -2.44 0.00	42.92 -2.89 0.00	42.89 -2.69 0.00	44.20 -2.23 0.00	43.45 -2.19 0.00	47.10 -2.01 0.00	50.84 -2.62 0.00	53.34 -2.69 0.00	52.19 -2.52 0.00	46.42 -2.44 0.00	42.63 -2.92 0.00	39.20 -2.15 0.00	36.33 -1.79 0.00	35.39 -1.09 0.00
N.BELMOR_69_KV_BK1 55787	44.13 3.14 -2.68	39.30 2.61 0.00	38.49 2.21 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.92 2.38 0.00	47.61 3.03 0.00	56.25 3.75 -2.47	58.61 3.31 -5.19	60.07 3.10 -6.95	59.31 3.27 -7.21	55.47 3.39 -6.28	55.06 3.19 -6.29	56.59 3.30 -6.87	56.05 3.61 -6.80	60.42 3.88 -7.42	65.25 4.76 -7.04	66.71 5.72 -4.96	64.81 4.70 -5.39	57.96 4.06 -5.04	54.42 3.96 -4.90	48.89 3.23 -4.31	43.49 2.75 -2.62	40.18 2.52 -1.18
N.E_GEN_SANDY PD 24062	44.51 1.84 -4.36	47.13 1.73 -8.71	46.69 1.63 -8.78	46.60 1.54 -11.53	47.00 1.62 -10.86	43.15 1.72 -4.89	48.48 2.10 -1.80	53.46 2.30 -1.13	54.73 2.26 -2.37	60.00 2.30 -7.68	54.22 2.10 -3.28	51.66 2.11 -3.75	50.50 2.05 -2.87	51.60 2.04 -3.13	50.70 1.96 -3.10	54.46 1.97 -3.38	58.96 2.30 -3.21	61.60 3.31 -2.26	59.96 2.79 -2.46	53.50 2.35 -2.30	50.06 2.28 -2.24	45.38 2.07 -1.96	41.19 1.87 -1.19	44.30 1.72 -6.10
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.63 1.84 4.53	38.27 1.58 0.00	37.69 1.41 0.00	34.87 1.34 0.00	35.90 1.38 0.00	38.11 1.57 0.00	46.68 2.10 0.00	48.09 2.35 4.29	43.38 2.30 9.03	40.23 2.30 12.09	38.45 2.15 12.53	37.04 2.15 10.92	36.73 2.10 10.95	36.57 2.09 11.95	36.00 2.19 11.83	38.47 2.26 12.91	43.88 2.67 12.25	51.05 3.64 8.62	48.29 2.95 9.38	42.63 2.54 8.77	39.57 2.55 8.53	36.13 2.27 7.49	35.45 1.87 4.55	36.01 1.57 2.04
N.QUEENS_27_KV_LOAD 356247	43.72 2.72 -2.68	39.04 2.35 0.00	38.31 2.03 0.00	35.54 2.01 0.00	36.62 2.11 0.00	38.70 2.16 0.00	47.30 2.72 0.00	55.41 2.90 -2.47	58.16 2.86 -5.20	59.83 2.85 -6.97	58.69 2.64 -7.22	54.66 2.57 -6.29	54.44 2.55 -6.31	55.82 2.51 -6.88	55.06 2.60 -6.82	59.30 2.75 -7.44	63.72 3.21 -7.05	65.37 4.37 -4.97	63.72 3.61 -5.40	57.04 3.13 -5.05	53.56 3.10 -4.91	48.61 2.94 -4.32	43.15 2.40 -2.62	39.85 2.19 -1.18
N.TROY___115KV_TB1 355778	40.61 1.69 -0.61	38.31 1.61 0.00	37.87 1.60 0.00	35.00 1.48 0.00	36.04 1.52 0.00	38.15 1.61 0.00	46.45 1.87 0.00	52.70 2.10 -0.56	53.40 2.10 -1.19	53.71 2.10 -1.59	52.44 1.95 -1.65	49.16 1.92 -1.44	48.84 1.82 -1.44	49.76 1.76 -1.57	48.93 1.73 -1.56	52.58 1.77 -1.70	57.10 2.03 -1.61	60.03 2.86 -1.14	58.35 2.41 -1.23	52.06 2.05 -1.15	48.58 1.91 -1.12	44.08 1.74 -0.99	40.40 1.68 -0.60	38.32 1.57 -0.27
NARROWS_GT1_1 24228	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT1_2 24229	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT1_3 24230	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT1_4 24231	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18

NARROWS_GT1_5 24232	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT1_6 24233	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT1_7 24234	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT1_8 24235	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_1 24236	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_2 24237	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_3 24238	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_4 24239	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_5 24240	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_6 24241	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_7 24242	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NARROWS_GT2_8 24243	43.91 2.91 -2.69	39.35 2.64 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.49 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.33 2.88 -6.82	59.70 3.15 -7.44	64.09 3.58 -7.05	65.76 4.76 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.02 3.35 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.50 1.84 -0.34	38.53 1.83 0.00	38.09 1.81 0.00	35.17 1.64 0.00	36.24 1.73 0.00	38.33 1.79 0.00	46.54 1.96 0.00	52.50 2.15 -0.32	52.83 2.05 -0.67	52.71 1.80 -0.90	51.42 1.66 -0.93	48.17 1.56 -0.81	47.85 1.46 -0.81	48.85 1.53 -0.89	48.07 1.55 -0.88	51.89 1.82 -0.96	56.55 2.19 -0.91	59.70 3.03 -0.64	57.98 2.57 -0.70	51.56 2.05 -0.65	48.09 1.91 -0.63	43.56 1.65 -0.56	40.48 2.02 -0.34	38.46 1.82 -0.15
NCHELSEA_115KV_TR2 355582	40.73 2.41 0.00	38.86 2.17 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.70 2.16 0.00	47.43 2.85 0.00	53.23 3.20 0.00	53.21 3.11 0.00	53.07 3.05 0.00	51.72 2.88 0.00	48.60 2.79 0.00	48.22 2.64 0.00	48.94 2.51 0.00	48.24 2.60 0.00	51.87 2.75 0.00	56.72 3.26 0.00	60.29 4.26 0.00	58.21 3.50 0.00	51.99 3.13 0.00	48.78 3.23 0.00	44.21 2.85 0.00	40.53 2.40 0.00	38.56 2.08 0.00
NEG CAPITAL___MECHNVIL 23645	41.13 2.22 -0.59	38.82 2.13 0.00	38.27 1.99 0.00	35.34 1.81 0.00	36.41 1.90 0.00	38.62 2.08 0.00	47.12 2.54 0.00	53.48 2.90 -0.54	54.26 3.01 -1.15	54.45 2.90 -1.53	53.26 2.83 -1.59	49.89 2.70 -1.39	49.56 2.60 -1.39	50.40 2.46 -1.52	49.51 2.37 -1.50	53.35 2.60 -1.64	57.95 2.94 -1.55	60.99 3.86 -1.09	59.40 3.50 -1.19	52.80 2.83 -1.11	49.23 2.59 -1.08	44.58 2.27 -0.95	40.80 2.10 -0.58	38.68 1.93 -0.26

NEG CENTRAL_HIGH_ACRES 23767	36.21 -2.11 0.00	34.68 -2.02 0.00	34.17 -2.10 0.00	31.55 -1.98 0.00	32.51 -2.00 0.00	34.57 -1.97 0.00	42.13 -2.45 0.00	47.03 -3.00 0.00	47.15 -2.96 0.00	47.22 -2.80 0.00	46.15 -2.69 0.00	43.06 -2.75 0.00	42.89 -2.69 0.00	43.92 -2.51 0.00	43.31 -2.33 0.00	46.66 -2.45 0.00	50.52 -2.94 0.00	53.01 -3.03 0.00	51.81 -2.90 0.00	46.12 -2.74 0.00	42.72 -2.82 0.00	38.95 -2.40 0.00	35.95 -2.17 0.00	34.66 -1.82 0.00
NEG CENTRAL___DRP 24199	37.78 -0.54 0.00	36.22 -0.48 0.00	35.77 -0.51 0.00	32.96 -0.57 0.00	34.00 -0.52 0.00	36.14 -0.40 0.00	44.27 -0.31 0.00	49.38 -0.65 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.07 -0.73 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	44.95 -0.68 0.00	48.53 -0.59 0.00	52.71 -0.75 0.00	55.53 -0.50 0.00	54.16 -0.55 0.00	48.22 -0.64 0.00	44.86 -0.68 0.00	40.90 -0.45 0.00	37.59 -0.53 0.00	36.12 -0.36 0.00
NEG CENTRAL___INDECK 23768	38.12 -0.19 0.00	36.51 -0.18 0.00	35.98 -0.29 0.00	33.16 -0.37 0.00	34.21 -0.31 0.00	36.51 -0.04 0.00	44.62 0.04 0.00	49.83 -0.20 0.00	49.81 -0.30 0.00	49.67 -0.35 0.00	48.39 -0.44 0.00	44.89 -0.92 0.00	44.76 -0.82 0.00	45.96 -0.46 0.00	45.46 -0.18 0.00	48.97 -0.15 0.00	53.19 -0.27 0.00	55.98 -0.06 0.00	54.82 0.11 0.00	48.76 -0.10 0.00	45.00 -0.54 0.00	41.11 -0.25 0.00	37.94 -0.19 0.00	36.59 0.11 0.00
NEG CENTRAL___SENECA 23627	37.89 -0.42 0.00	36.29 -0.40 0.00	35.84 -0.44 0.00	33.02 -0.50 0.00	34.07 -0.45 0.00	36.25 -0.29 0.00	44.40 -0.18 0.00	49.38 -0.65 0.00	49.45 -0.65 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.07 -0.73 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.57 -0.54 0.00	52.76 -0.69 0.00	55.59 -0.45 0.00	54.22 -0.49 0.00	48.22 -0.64 0.00	44.91 -0.64 0.00	40.98 -0.37 0.00	37.71 -0.42 0.00	36.30 -0.18 0.00
NEG CENTRAL___STATE_STREET 24147	37.89 -0.42 0.00	36.29 -0.40 0.00	35.88 -0.40 0.00	33.09 -0.44 0.00	34.10 -0.41 0.00	36.21 -0.33 0.00	44.36 -0.22 0.00	49.68 -0.35 0.00	49.76 -0.35 0.00	49.72 -0.30 0.00	48.59 -0.24 0.00	45.44 -0.37 0.00	45.21 -0.36 0.00	46.15 -0.28 0.00	45.32 -0.32 0.00	48.77 -0.34 0.00	53.03 -0.43 0.00	55.92 -0.11 0.00	54.44 -0.27 0.00	48.52 -0.34 0.00	45.14 -0.41 0.00	41.02 -0.33 0.00	37.74 -0.38 0.00	36.16 -0.33 0.00
NEG MILLWOOD___DRP 24198	42.20 2.68 -1.21	39.04 2.35 0.00	38.41 2.14 0.00	35.50 1.98 0.00	36.62 2.11 0.00	38.92 2.38 0.00	47.66 3.08 0.00	54.60 3.45 -1.12	55.86 3.41 -2.35	56.47 3.30 -3.15	55.22 3.13 -3.26	51.72 3.07 -2.84	51.39 2.96 -2.85	52.51 2.97 -3.11	51.73 3.01 -3.08	55.72 3.24 -3.36	60.33 3.69 -3.19	63.10 4.82 -2.25	61.15 3.99 -2.44	54.61 3.47 -2.28	51.23 3.46 -2.22	46.36 3.06 -1.95	41.90 2.59 -1.18	39.24 2.23 -0.53
NEG NORTH_FLCN_SEA 23793	38.28 -0.04 0.00	36.66 -0.04 0.00	36.31 0.04 0.00	33.59 0.07 0.00	34.31 -0.21 0.00	36.43 -0.11 0.00	44.71 0.13 0.00	50.78 0.75 0.00	50.71 0.60 0.00	50.62 0.60 0.00	49.66 0.83 0.00	46.58 0.78 0.00	46.54 0.96 0.00	47.50 1.07 0.00	46.50 0.87 0.00	50.20 1.08 0.00	54.52 1.07 0.00	56.15 0.11 0.00	55.31 0.60 0.00	49.40 0.54 0.00	45.91 0.36 0.00	41.35 0.00 0.00	38.09 -0.04 0.00	36.63 0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	38.24 -0.08 0.00	36.59 -0.11 0.00	36.24 -0.04 0.00	33.53 0.00 0.00	34.24 -0.28 0.00	36.29 -0.26 0.00	44.49 -0.09 0.00	50.53 0.50 0.00	50.46 0.35 0.00	50.37 0.35 0.00	49.42 0.59 0.00	46.40 0.60 0.00	46.31 0.73 0.00	47.26 0.84 0.00	46.28 0.64 0.00	49.95 0.83 0.00	54.20 0.75 0.00	55.75 -0.28 0.00	54.98 0.27 0.00	49.15 0.29 0.00	45.68 0.14 0.00	41.19 -0.17 0.00	37.97 -0.15 0.00	36.48 0.00 0.00
NEG NORTH___ALICE_FALLS 23915	38.58 0.27 0.00	36.92 0.22 0.00	36.56 0.29 0.00	33.83 0.30 0.00	34.55 0.03 0.00	36.65 0.11 0.00	45.03 0.45 0.00	51.23 1.20 0.00	51.16 1.05 0.00	51.02 1.00 0.00	50.06 1.22 0.00	46.95 1.15 0.00	46.90 1.32 0.00	47.87 1.44 0.00	46.82 1.19 0.00	50.59 1.47 0.00	55.01 1.55 0.00	56.65 0.62 0.00	55.80 1.09 0.00	49.79 0.93 0.00	46.28 0.73 0.00	41.68 0.33 0.00	38.35 0.23 0.00	36.89 0.40 0.00
NEG NORTH___LWR_SARANAC 23913	38.58 0.27 0.00	36.92 0.22 0.00	36.56 0.29 0.00	33.83 0.30 0.00	34.55 0.03 0.00	36.65 0.11 0.00	45.03 0.45 0.00	51.23 1.20 0.00	51.16 1.05 0.00	51.02 1.00 0.00	50.06 1.22 0.00	46.95 1.15 0.00	46.90 1.32 0.00	47.87 1.44 0.00	46.82 1.19 0.00	50.59 1.47 0.00	55.01 1.55 0.00	56.65 0.62 0.00	55.80 1.09 0.00	49.79 0.93 0.00	46.28 0.73 0.00	41.68 0.33 0.00	38.35 0.23 0.00	36.89 0.40 0.00
NEG NORTH___PLATTSBURG 23628	38.55 0.23 0.00	36.92 0.22 0.00	36.56 0.29 0.00	33.83 0.30 0.00	34.55 0.03 0.00	36.65 0.11 0.00	45.03 0.45 0.00	51.23 1.20 0.00	51.16 1.05 0.00	51.02 1.00 0.00	50.06 1.22 0.00	46.95 1.15 0.00	46.90 1.32 0.00	47.87 1.44 0.00	46.82 1.18 0.00	50.59 1.47 0.00	55.01 1.55 0.00	56.65 0.62 0.00	55.70 0.99 0.00	49.78 0.93 0.00	46.27 0.73 0.00	41.68 0.33 0.00	38.36 0.23 0.00	36.89 0.40 0.00
NEG WEST_LEA_LOCKPORT 23791	35.94 -2.38 0.00	34.49 -2.20 0.00	33.99 -2.29 0.00	31.35 -2.18 0.00	32.38 -2.14 0.00	34.42 -2.12 0.00	41.73 -2.85 0.00	45.83 -4.20 0.00	46.10 -4.01 0.00	46.27 -3.75 0.00	45.37 -3.47 0.00	41.96 -3.85 0.00	41.93 -3.65 0.00	43.23 -3.20 0.00	42.44 -3.19 0.00	46.02 -3.09 0.00	49.66 -3.80 0.00	52.11 -3.92 0.00	50.93 -3.77 0.00	45.29 -3.57 0.00	41.63 -3.92 0.00	38.38 -2.98 0.00	35.65 -2.48 0.00	34.84 -1.64 0.00
NEG WEST___LANCASTER 23811	37.89 -0.42 0.00	36.29 -0.40 0.00	35.80 -0.47 0.00	33.02 -0.50 0.00	34.10 -0.41 0.00	36.25 -0.29 0.00	44.22 -0.36 0.00	48.58 -1.45 0.00	48.85 -1.25 0.00	48.92 -1.10 0.00	48.05 -0.78 0.00	44.48 -1.33 0.00	44.39 -1.19 0.00	45.78 -0.65 0.00	44.91 -0.73 0.00	48.67 -0.44 0.00	52.55 -0.91 0.00	55.31 -0.73 0.00	54.00 -0.71 0.00	48.03 -0.83 0.00	44.18 -1.37 0.00	40.65 -0.70 0.00	37.59 -0.53 0.00	36.67 0.18 0.00
NEG_PENN_ALLEGHNY 23528	38.10 0.04 0.26	36.73 0.04 0.00	36.31 0.04 0.00	33.49 -0.03 0.00	34.52 0.00 0.00	36.62 0.07 0.00	44.80 0.22 0.00	49.89 0.10 0.24	49.71 0.10 0.50	49.45 0.10 0.67	48.29 0.15 0.70	45.20 0.00 0.61	44.97 0.00 0.61	45.86 0.09 0.66	45.12 0.14 0.66	48.60 0.20 0.72	52.94 0.16 0.68	56.06 0.50 0.47	54.52 0.33 0.52	48.52 0.15 0.48	45.12 0.05 0.47	41.06 0.12 0.41	37.91 0.04 0.25	36.52 0.15 0.11
NEG___GEN_MONROE 24207	36.59 -1.72 0.00	35.15 -1.54 0.00	34.64 -1.63 0.00	31.95 -1.58 0.00	32.93 -1.59 0.00	35.08 -1.46 0.00	42.57 -2.01 0.00	47.33 -2.70 0.00	47.50 -2.61 0.00	47.52 -2.50 0.00	46.44 -2.39 0.00	43.15 -2.66 0.00	43.03 -2.55 0.00	44.06 -2.37 0.00	43.36 -2.28 0.00	46.86 -2.26 0.00	50.78 -2.67 0.00	53.29 -2.75 0.00	52.25 -2.46 0.00	46.46 -2.39 0.00	42.86 -2.69 0.00	39.24 -2.11 0.00	36.33 -1.79 0.00	35.17 -1.31 0.00

NEPA__ENERGY 23901	36.94 -1.38 0.00	35.41 -1.28 0.00	34.90 -1.38 0.00	32.25 -1.27 0.00	33.31 -1.21 0.00	35.48 -1.06 0.00	43.24 -1.34 0.00	47.58 -2.45 0.00	47.90 -2.20 0.00	47.97 -2.05 0.00	47.13 -1.71 0.00	43.51 -2.29 0.00	43.53 -2.05 0.00	44.90 -1.53 0.00	44.04 -1.60 0.00	47.74 -1.38 0.00	51.48 -1.98 0.00	54.13 -1.91 0.00	52.90 -1.81 0.00	47.05 -1.81 0.00	43.18 -2.37 0.00	39.78 -1.57 0.00	36.91 -1.22 0.00	36.01 -0.47 0.00
NEVERSINK__HYD 23608	39.40 2.38 1.29	38.86 2.16 0.00	38.23 1.96 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.57 2.99 0.00	52.20 3.35 1.18	50.82 3.21 2.49	49.78 3.10 3.34	48.31 2.93 3.46	45.59 2.79 3.01	45.20 2.64 3.02	45.87 2.74 3.30	45.16 2.78 3.27	48.65 3.10 3.56	53.76 3.69 3.38	58.25 4.60 2.38	56.06 3.94 2.59	49.71 3.27 2.42	46.52 3.32 2.35	42.14 2.85 2.07	39.27 2.40 1.25	37.93 2.01 0.56
NEWKRMKL_115KV_TB1 55635	39.85 0.96 -0.58	37.69 0.99 0.00	37.25 0.98 0.00	34.53 1.01 0.00	35.55 1.04 0.00	37.53 0.99 0.00	45.34 0.76 0.00	51.37 0.80 -0.54	52.08 0.85 -1.13	52.38 0.85 -1.51	51.18 0.78 -1.56	47.99 0.82 -1.36	47.72 0.77 -1.37	48.62 0.70 -1.49	47.80 0.68 -1.48	51.41 0.69 -1.61	55.79 0.80 -1.53	58.57 1.46 -1.08	56.97 1.09 -1.17	50.78 0.83 -1.10	47.43 0.82 -1.06	43.12 0.83 -0.94	39.99 1.30 -0.57	37.91 1.17 -0.26
NEWTON__FALLS_HYD 23847	37.09 -1.23 0.00	35.30 -1.39 0.00	35.22 -1.05 0.00	32.49 -1.04 0.00	33.14 -1.38 0.00	34.83 -1.72 0.00	42.62 -1.96 0.00	48.78 -1.25 0.00	48.80 -1.30 0.00	49.12 -0.90 0.00	48.83 0.00 0.00	45.67 -0.14 0.00	45.40 -0.18 0.00	46.15 -0.28 0.00	44.50 -1.14 0.00	47.45 -1.67 0.00	51.26 -2.19 0.00	53.18 -2.86 0.00	52.03 -2.68 0.00	46.56 -2.30 0.00	43.32 -2.23 0.00	39.24 -2.11 0.00	36.26 -1.87 0.00	35.10 -1.39 0.00
NGRID_A1_DSASP 323792	35.29 -3.03 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.90 -4.90 0.00	40.79 -4.79 0.00	42.06 -4.37 0.00	41.49 -4.15 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.30 -4.05 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
NGRID_A2_DSASP 323793	35.29 -3.03 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.90 -4.90 0.00	40.79 -4.79 0.00	42.06 -4.37 0.00	41.49 -4.15 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.30 -4.05 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
NGRID_A4_DSASP 323807	35.29 -3.03 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.90 -4.90 0.00	40.79 -4.79 0.00	42.06 -4.37 0.00	41.49 -4.15 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.30 -4.05 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
NIAGARA_115E_LBMP 323715	35.14 -3.18 0.00	33.58 -3.12 0.00	33.12 -3.16 0.00	30.58 -2.95 0.00	31.55 -2.97 0.00	33.51 -3.03 0.00	40.57 -4.01 0.00	44.43 -5.60 0.00	44.69 -5.41 0.00	44.87 -5.15 0.00	44.00 -4.84 0.00	40.81 -4.99 0.00	40.70 -4.88 0.00	41.93 -4.50 0.00	41.39 -4.24 0.00	44.69 -4.42 0.00	48.22 -5.24 0.00	50.54 -5.49 0.00	49.40 -5.31 0.00	43.93 -4.93 0.00	40.35 -5.19 0.00	37.18 -4.18 0.00	34.66 -3.47 0.00	33.93 -2.55 0.00
NIAGARA_115W_LBMP 323714	35.21 -3.10 0.00	33.65 -3.05 0.00	33.15 -3.12 0.00	30.61 -2.92 0.00	31.62 -2.90 0.00	33.55 -3.00 0.00	40.57 -4.01 0.00	44.43 -5.60 0.00	44.69 -5.41 0.00	44.91 -5.10 0.00	44.05 -4.78 0.00	40.81 -4.99 0.00	40.70 -4.88 0.00	41.97 -4.46 0.00	41.39 -4.24 0.00	44.69 -4.42 0.00	48.22 -5.24 0.00	50.54 -5.49 0.00	49.40 -5.31 0.00	43.93 -4.93 0.00	40.35 -5.19 0.00	37.22 -4.13 0.00	34.66 -3.47 0.00	33.97 -2.52 0.00
NIAGARA_230_LBMP 323716	35.52 -2.80 0.00	33.94 -2.75 0.00	33.48 -2.79 0.00	30.91 -2.62 0.00	31.89 -2.62 0.00	33.88 -2.67 0.00	41.01 -3.57 0.00	44.88 -5.15 0.00	45.20 -4.91 0.00	45.37 -4.65 0.00	44.44 -4.40 0.00	41.22 -4.58 0.00	41.11 -4.46 0.00	42.34 -4.09 0.00	41.80 -3.83 0.00	45.14 -3.98 0.00	48.70 -4.76 0.00	51.05 -4.99 0.00	49.89 -4.81 0.00	44.36 -4.49 0.00	40.77 -4.78 0.00	37.59 -3.76 0.00	35.00 -3.13 0.00	34.26 -2.23 0.00
NIAGARA__115KV_198_GIBSON 55903	35.06 -3.26 0.00	33.65 -3.05 0.00	33.15 -3.12 0.00	30.61 -2.92 0.00	31.62 -2.90 0.00	33.55 -3.00 0.00	40.61 -3.97 0.00	44.43 -5.60 0.00	44.69 -5.41 0.00	44.92 -5.10 0.00	44.05 -4.79 0.00	40.72 -5.08 0.00	40.70 -4.88 0.00	41.97 -4.46 0.00	41.17 -4.47 0.00	44.69 -4.42 0.00	48.22 -5.24 0.00	50.54 -5.49 0.00	49.35 -5.36 0.00	43.92 -4.93 0.00	40.36 -5.19 0.00	37.26 -4.09 0.00	34.66 -3.47 0.00	33.97 -2.52 0.00
NIAGARA____ 23760	35.52 -2.80 0.00	33.94 -2.75 0.00	33.48 -2.79 0.00	30.91 -2.62 0.00	31.89 -2.62 0.00	33.88 -2.67 0.00	41.01 -3.57 0.00	44.88 -5.15 0.00	45.20 -4.91 0.00	45.37 -4.65 0.00	44.44 -4.40 0.00	41.22 -4.58 0.00	41.11 -4.46 0.00	42.34 -4.09 0.00	41.80 -3.83 0.00	45.14 -3.98 0.00	48.70 -4.76 0.00	51.05 -4.99 0.00	49.89 -4.81 0.00	44.36 -4.49 0.00	40.77 -4.78 0.00	37.59 -3.76 0.00	35.00 -3.13 0.00	34.26 -2.23 0.00
NINE_MILE_1 23575	36.78 -1.53 0.00	35.23 -1.47 0.00	34.82 -1.45 0.00	32.15 -1.38 0.00	33.14 -1.38 0.00	35.12 -1.43 0.00	42.84 -1.74 0.00	48.03 -2.00 0.00	48.10 -2.01 0.00	48.01 -2.00 0.00	46.93 -1.91 0.00	43.97 -1.83 0.00	43.75 -1.82 0.00	44.62 -1.81 0.00	43.86 -1.78 0.00	47.20 -1.92 0.00	51.37 -2.09 0.00	53.96 -2.07 0.00	52.63 -2.08 0.00	46.90 -1.96 0.00	43.72 -1.82 0.00	39.70 -1.66 0.00	36.60 -1.53 0.00	35.06 -1.42 0.00
NINE_MILE_2 23744	36.78 -1.53 0.00	35.23 -1.47 0.00	34.82 -1.45 0.00	32.15 -1.38 0.00	33.14 -1.38 0.00	35.12 -1.43 0.00	42.84 -1.74 0.00	48.03 -2.00 0.00	48.10 -2.01 0.00	48.01 -2.00 0.00	46.93 -1.91 0.00	43.97 -1.83 0.00	43.75 -1.82 0.00	44.62 -1.81 0.00	43.86 -1.78 0.00	47.20 -1.92 0.00	51.37 -2.09 0.00	53.96 -2.07 0.00	52.63 -2.08 0.00	46.95 -1.91 0.00	43.72 -1.82 0.00	39.74 -1.61 0.00	36.60 -1.53 0.00	35.06 -1.42 0.00
NM_CAPITAL__DRP 24208	39.94 1.03 -0.59	37.76 1.06 0.00	37.33 1.05 0.00	34.60 1.07 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.47 0.89 0.00	51.58 1.00 -0.55	52.26 1.00 -1.15	52.56 1.00 -1.54	51.36 0.93 -1.60	48.16 0.96 -1.39	47.88 0.91 -1.39	48.79 0.84 -1.52	48.01 0.87 -1.51	51.59 0.83 -1.64	55.98 0.96 -1.56	58.81 1.68 -1.10	57.16 1.26 -1.20	51.00 1.03 -1.12	47.64 1.00 -1.09	43.26 0.95 -0.96	40.00 1.30 -0.58	37.95 1.20 -0.26

NM_CENTRAL___DRP 24181	37.51 -0.80 0.00	35.89 -0.81 0.00	35.48 -0.80 0.00	32.76 -0.77 0.00	33.76 -0.76 0.00	35.78 -0.77 0.00	43.73 -0.85 0.00	48.98 -1.05 0.00	49.05 -1.05 0.00	49.02 -1.00 0.00	47.91 -0.93 0.00	44.84 -0.96 0.00	44.62 -0.96 0.00	45.50 -0.93 0.00	44.73 -0.91 0.00	48.13 -0.98 0.00	52.33 -1.12 0.00	55.08 -0.95 0.00	53.62 -1.09 0.00	47.83 -1.03 0.00	44.59 -0.96 0.00	40.53 -0.83 0.00	37.32 -0.80 0.00	35.75 -0.73 0.00
NM_FRONTIER___DRP 24179	35.06 -3.26 0.00	33.65 -3.05 0.00	33.15 -3.12 0.00	30.61 -2.92 0.00	31.62 -2.90 0.00	33.55 -3.00 0.00	40.61 -3.97 0.00	44.43 -5.60 0.00	44.69 -5.41 0.00	44.92 -5.10 0.00	44.05 -4.79 0.00	40.72 -5.08 0.00	40.70 -4.88 0.00	41.97 -4.46 0.00	41.17 -4.47 0.00	44.69 -4.42 0.00	48.22 -5.24 0.00	50.54 -5.49 0.00	49.35 -5.36 0.00	43.92 -4.93 0.00	40.36 -5.19 0.00	37.26 -4.09 0.00	34.66 -3.47 0.00	33.97 -2.52 0.00
NM_ST_REGIS___HYD 24053	37.78 -0.54 0.00	35.96 -0.73 0.00	35.80 -0.47 0.00	33.06 -0.47 0.00	33.52 -1.00 0.00	35.08 -1.46 0.00	42.84 -1.74 0.00	49.23 -0.80 0.00	49.15 -0.95 0.00	49.57 -0.45 0.00	49.57 0.73 0.00	46.35 0.55 0.00	46.17 0.59 0.00	46.99 0.56 0.00	45.04 -0.59 0.00	48.08 -1.03 0.00	51.85 -1.60 0.00	53.34 -2.69 0.00	52.47 -2.24 0.00	46.95 -1.91 0.00	43.63 -1.91 0.00	39.53 -1.82 0.00	36.64 -1.49 0.00	35.68 -0.80 0.00
NORTHPORT___1 23551	44.36 3.37 -2.68	39.63 2.94 0.00	38.74 2.47 0.00	35.87 2.35 0.00	37.07 2.55 0.00	39.25 2.70 0.00	47.92 3.35 0.00	56.80 4.30 -2.47	59.01 3.71 -5.19	60.37 3.40 -6.95	59.51 3.47 -7.21	55.70 3.62 -6.28	55.34 3.46 -6.29	56.92 3.62 -6.87	56.41 3.97 -6.80	60.91 4.37 -7.42	65.63 5.13 -7.04	66.99 6.00 -4.96	65.13 5.03 -5.39	58.25 4.35 -5.04	54.50 4.05 -4.90	49.05 3.39 -4.31	43.52 2.78 -2.62	40.36 2.70 -1.18
NORTHPORT___2 23552	44.36 3.37 -2.68	39.63 2.94 0.00	38.74 2.47 0.00	35.87 2.35 0.00	37.07 2.55 0.00	39.25 2.70 0.00	47.92 3.35 0.00	56.80 4.30 -2.47	59.01 3.71 -5.19	60.37 3.40 -6.95	59.51 3.47 -7.21	55.70 3.62 -6.28	55.34 3.46 -6.29	56.92 3.62 -6.87	56.41 3.97 -6.80	60.91 4.37 -7.42	65.63 5.13 -7.04	66.99 6.00 -4.96	65.13 5.03 -5.39	58.25 4.35 -5.04	54.50 4.05 -4.90	49.05 3.39 -4.31	43.52 2.78 -2.62	40.36 2.70 -1.18
NORTHPORT___3 23553	44.09 3.10 -2.68	39.37 2.68 0.00	38.52 2.25 0.00	35.64 2.11 0.00	36.83 2.31 0.00	38.99 2.45 0.00	47.70 3.12 0.00	56.45 3.95 -2.47	58.75 3.45 -5.19	60.17 3.20 -6.95	59.41 3.37 -7.21	55.56 3.48 -6.28	55.20 3.33 -6.29	56.73 3.44 -6.87	56.19 3.74 -6.80	60.61 4.07 -7.42	65.41 4.91 -7.04	66.93 5.94 -4.96	65.08 4.98 -5.39	58.10 4.20 -5.04	54.41 3.96 -4.90	48.97 3.31 -4.31	43.49 2.75 -2.62	40.21 2.55 -1.18
NORTHPORT___4 23650	44.09 3.10 -2.68	39.37 2.68 0.00	38.52 2.25 0.00	35.64 2.11 0.00	36.83 2.31 0.00	38.99 2.45 0.00	47.70 3.12 0.00	56.45 3.95 -2.47	58.75 3.45 -5.19	60.17 3.20 -6.95	59.41 3.37 -7.21	55.56 3.48 -6.28	55.20 3.33 -6.29	56.73 3.44 -6.87	56.19 3.74 -6.80	60.61 4.07 -7.42	65.41 4.91 -7.04	66.93 5.94 -4.96	65.08 4.98 -5.39	58.10 4.20 -5.04	54.41 3.96 -4.90	48.97 3.31 -4.31	43.49 2.75 -2.62	40.21 2.55 -1.18
NORTHPORT___IC 23718	44.48 3.49 -2.68	39.63 2.94 0.00	38.74 2.47 0.00	35.87 2.35 0.00	37.07 2.55 0.00	39.25 2.70 0.00	47.92 3.34 0.00	56.80 4.30 -2.47	59.01 3.71 -5.19	60.37 3.40 -6.95	59.51 3.47 -7.21	55.70 3.62 -6.28	55.34 3.46 -6.29	56.92 3.62 -6.87	56.46 4.02 -6.80	60.91 4.37 -7.42	65.63 5.13 -7.04	66.99 6.00 -4.96	64.97 4.87 -5.39	58.25 4.35 -5.04	54.64 4.19 -4.90	48.93 3.27 -4.31	43.52 2.78 -2.62	40.36 2.70 -1.18
NORTH___COUNTRY_ESR 323785	38.12 -0.19 0.00	36.48 -0.22 0.00	36.13 -0.14 0.00	33.43 -0.10 0.00	34.14 -0.38 0.00	36.21 -0.33 0.00	44.36 -0.22 0.00	50.33 0.30 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.32 0.49 0.00	46.31 0.50 0.00	46.22 0.64 0.00	47.13 0.70 0.00	46.14 0.50 0.00	49.75 0.64 0.00	54.04 0.59 0.00	55.53 -0.51 0.00	54.65 -0.05 0.00	48.96 0.10 0.00	45.50 -0.05 0.00	41.07 -0.29 0.00	37.82 -0.31 0.00	36.38 -0.11 0.00
NPX_GEN_1385_PROXY 323591	45.66 4.33 -3.02	43.73 4.00 -3.03	42.52 3.52 -2.73	42.10 3.32 -5.25	43.33 3.56 -5.26	45.26 3.76 -4.95	54.50 4.64 -5.28	70.06 5.70 -14.33	65.51 5.16 -10.24	61.62 4.65 -6.95	60.05 4.01 -7.21	56.16 4.08 -6.28	55.79 3.92 -6.29	57.38 4.09 -6.87	57.23 4.79 -6.80	61.80 5.26 -7.42	66.59 6.09 -7.04	67.83 6.83 -4.96	65.52 5.42 -5.39	58.59 4.69 -5.04	54.83 4.37 -4.90	49.59 3.93 -4.31	43.90 3.16 -2.62	41.05 3.39 -1.18
NPX_GEN_CSC 323557	44.82 3.83 -2.68	40.03 3.34 0.00	39.14 2.86 0.00	36.24 2.71 0.00	37.49 2.97 0.00	39.69 3.14 0.00	48.46 3.88 0.00	57.66 5.15 -2.47	59.71 4.41 -5.19	60.97 4.00 -6.95	60.39 4.34 -7.21	56.53 4.44 -6.28	56.16 4.28 -6.29	57.80 4.50 -6.87	57.33 4.89 -6.80	61.89 5.35 -7.42	67.02 6.52 -7.04	68.50 7.51 -4.96	66.45 6.34 -5.39	59.28 5.37 -5.04	55.33 4.88 -4.90	49.55 3.89 -4.31	43.98 3.24 -2.62	40.80 3.14 -1.18
NSINS_S___GLNS_FALLS 23858	41.03 2.15 -0.57	38.75 2.05 0.00	38.12 1.85 0.00	35.17 1.64 0.00	36.21 1.69 0.00	38.52 1.97 0.00	47.03 2.45 0.00	53.46 2.90 -0.52	54.27 3.06 -1.10	54.34 2.85 -1.48	53.20 2.83 -1.53	49.79 2.66 -1.33	49.42 2.51 -1.34	50.25 2.37 -1.46	49.32 2.24 -1.44	53.20 2.50 -1.58	57.78 2.83 -1.49	60.90 3.81 -1.05	59.19 3.34 -1.15	52.62 2.69 -1.07	49.00 2.41 -1.04	44.34 2.07 -0.92	40.59 1.91 -0.56	38.52 1.79 -0.25
NUCOR_STEEL___DRP 24197	37.93 -0.38 0.00	36.33 -0.37 0.00	35.91 -0.36 0.00	33.12 -0.40 0.00	34.14 -0.38 0.00	36.25 -0.29 0.00	44.31 -0.27 0.00	49.58 -0.45 0.00	49.66 -0.45 0.00	49.57 -0.45 0.00	48.44 -0.39 0.00	45.35 -0.46 0.00	45.12 -0.46 0.00	46.06 -0.37 0.00	45.27 -0.37 0.00	48.77 -0.34 0.00	53.03 -0.43 0.00	55.87 -0.17 0.00	54.38 -0.33 0.00	48.52 -0.34 0.00	45.14 -0.41 0.00	41.02 -0.33 0.00	37.74 -0.38 0.00	36.19 -0.29 0.00
NUMBER_THREE_WT_PWR 323818	37.44 -0.88 0.00	35.67 -1.03 0.00	35.66 -0.62 0.00	32.89 -0.64 0.00	33.79 -0.73 0.00	35.81 -0.73 0.00	43.87 -0.71 0.00	49.93 -0.10 0.00	50.01 -0.10 0.00	50.12 0.10 0.00	49.22 0.39 0.00	46.03 0.23 0.00	45.81 0.23 0.00	46.57 0.14 0.00	45.37 -0.27 0.00	48.53 -0.59 0.00	52.49 -0.96 0.00	54.85 -1.18 0.00	53.51 -1.20 0.00	47.83 -1.03 0.00	44.55 -1.00 0.00	40.32 -1.03 0.00	37.10 -1.03 0.00	35.57 -0.91 0.00
NYISO_LBMP_REFERENCE 24008	38.32 0.00 0.00	36.70 0.00 0.00	36.27 0.00 0.00	33.53 0.00 0.00	34.52 0.00 0.00	36.54 0.00 0.00	44.58 0.00 0.00	50.03 0.00 0.00	50.11 0.00 0.00	50.02 0.00 0.00	48.83 0.00 0.00	45.80 0.00 0.00	45.58 0.00 0.00	46.43 0.00 0.00	45.64 0.00 0.00	49.12 0.00 0.00	53.46 0.00 0.00	56.03 0.00 0.00	54.71 0.00 0.00	48.86 0.00 0.00	45.55 0.00 0.00	41.35 0.00 0.00	38.13 0.00 0.00	36.48 0.00 0.00

NYPA_BRENTWD____GT 24164	44.71 3.72 -2.68	39.92 3.23 0.00	39.03 2.76 0.00	36.11 2.58 0.00	37.31 2.79 0.00	39.50 2.96 0.00	48.32 3.75 0.00	57.30 4.80 -2.47	59.51 4.21 -5.19	60.82 3.85 -6.95	60.09 4.05 -7.21	56.25 4.17 -6.28	55.84 3.96 -6.29	57.48 4.18 -6.87	56.96 4.52 -6.80	61.50 4.96 -7.42	66.43 5.93 -7.04	67.88 6.89 -4.96	65.96 5.86 -5.39	58.89 4.99 -5.04	55.05 4.60 -4.90	49.46 3.80 -4.31	43.90 3.16 -2.62	40.69 3.03 -1.18
NYPA_GOWANUS____GT5 24156	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
NYPA_GOWANUS____GT6 24157	43.91 2.91 -2.69	39.31 2.61 -0.01	38.56 2.29 0.00	35.64 2.11 0.00	36.76 2.24 0.00	38.99 2.45 0.00	47.65 3.07 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.19 3.20 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.65 3.10 -7.44	64.04 3.53 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.88 3.42 -4.91	48.98 3.31 -4.32	43.49 2.75 -2.62	40.11 2.44 -1.18
NYPA_HARLEM_RVR_GT1 24160	43.64 2.64 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.55 2.12 0.00	38.66 2.12 0.00	47.20 2.63 0.01	55.30 2.80 -2.46	58.05 2.75 -5.19	59.72 2.75 -6.96	58.58 2.54 -7.21	54.51 2.43 -6.28	54.29 2.41 -6.30	55.71 2.41 -6.87	54.91 2.46 -6.81	59.19 2.65 -7.43	63.55 3.05 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.93 3.03 -5.04	53.46 3.01 -4.91	48.51 2.85 -4.31	43.07 2.33 -2.62	39.78 2.12 -1.18
NYPA_HARLEM_RVR_GT2 24161	43.64 2.64 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.55 2.12 0.00	38.66 2.12 0.00	47.20 2.63 0.01	55.30 2.80 -2.46	58.05 2.75 -5.19	59.72 2.75 -6.96	58.58 2.54 -7.21	54.51 2.43 -6.28	54.29 2.41 -6.30	55.71 2.41 -6.87	54.91 2.46 -6.81	59.19 2.65 -7.43	63.55 3.05 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.93 3.03 -5.04	53.46 3.01 -4.91	48.51 2.85 -4.31	43.07 2.33 -2.62	39.78 2.12 -1.18
NYPA_KENT____GT 24152	43.80 2.80 -2.69	39.20 2.50 0.00	38.49 2.21 0.00	35.57 2.05 0.00	36.66 2.14 0.00	38.92 2.37 0.00	47.57 2.99 0.00	55.71 3.20 -2.47	58.47 3.16 -5.20	60.14 3.15 -6.97	58.93 2.88 -7.22	54.80 2.70 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.24 2.78 -6.82	59.60 3.05 -7.44	63.98 3.47 -7.05	65.65 4.65 -4.97	64.10 3.99 -5.40	57.28 3.37 -5.05	53.78 3.32 -4.91	48.90 3.23 -4.32	43.41 2.67 -2.62	40.00 2.34 -1.18
NYPA_POUCH1____GT 24155	44.03 3.03 -2.69	39.46 2.75 -0.01	38.70 2.43 0.00	35.77 2.25 0.00	36.87 2.35 0.00	39.10 2.56 0.00	47.75 3.17 0.00	55.86 3.35 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	58.98 2.93 -7.22	54.84 2.75 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.28 2.83 -6.82	59.70 3.15 -7.44	63.98 3.47 -7.05	65.71 4.71 -4.97	64.27 4.16 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	49.06 3.39 -4.32	43.57 2.82 -2.62	40.22 2.55 -1.18
NYPA_VERNON____GT2 24162	43.64 2.64 -2.68	39.08 2.38 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.44 2.86 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.88 2.83 -7.22	54.80 2.70 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.24 2.78 -6.82	59.55 3.00 -7.44	63.93 3.42 -7.05	65.54 4.54 -4.97	64.05 3.94 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.77 3.10 -4.32	43.30 2.55 -2.62	39.89 2.23 -1.18
NYPA_VERNON____GT3 24163	43.64 2.64 -2.68	39.08 2.38 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.44 2.86 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.88 2.83 -7.22	54.80 2.70 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.24 2.78 -6.82	59.55 3.00 -7.44	63.93 3.42 -7.05	65.54 4.54 -4.97	64.05 3.94 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.77 3.10 -4.32	43.30 2.55 -2.62	39.89 2.23 -1.18
NYPA____ASTORIA_CC1 323568	43.60 2.61 -2.68	39.05 2.35 0.00	38.30 2.03 0.00	35.44 1.91 0.00	36.55 2.04 0.00	38.77 2.23 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.70 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.10 2.65 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.88 3.77 -5.40	57.08 3.17 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.19 2.44 -2.62	39.81 2.15 -1.18
NYPA____ASTORIA_CC2 323569	43.64 2.64 -2.68	39.05 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.34 2.76 0.00	55.46 2.95 -2.47	58.21 2.91 -5.20	59.88 2.90 -6.97	58.79 2.73 -7.22	54.70 2.61 -6.29	54.48 2.60 -6.31	55.91 2.60 -6.88	55.10 2.65 -6.82	59.40 2.85 -7.44	63.77 3.26 -7.05	65.43 4.43 -4.97	63.88 3.77 -5.40	57.08 3.17 -5.05	53.60 3.14 -4.91	48.65 2.98 -4.32	43.22 2.48 -2.62	39.81 2.15 -1.18
NYPA____HOLTSVILL 23794	44.48 3.49 -2.68	39.74 3.04 0.00	38.85 2.58 0.00	35.97 2.45 0.00	37.18 2.66 0.00	39.36 2.81 0.00	47.97 3.39 0.00	56.90 4.40 -2.47	59.01 3.71 -5.19	60.37 3.40 -6.95	59.65 3.61 -7.21	55.84 3.76 -6.28	55.52 3.65 -6.29	57.11 3.81 -6.87	56.59 4.15 -6.80	61.11 4.57 -7.42	66.06 5.56 -7.04	67.49 6.50 -4.96	65.52 5.42 -5.39	58.49 4.59 -5.04	54.69 4.24 -4.90	49.09 3.43 -4.31	43.64 2.90 -2.62	40.51 2.85 -1.18
NYPA____HELLGATE_GT1 24158	43.64 2.64 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.55 2.12 0.00	38.66 2.12 0.00	47.20 2.63 0.01	55.30 2.80 -2.46	58.05 2.75 -5.19	59.72 2.75 -6.96	58.58 2.54 -7.21	54.51 2.43 -6.28	54.29 2.41 -6.30	55.71 2.41 -6.87	54.91 2.46 -6.81	59.19 2.65 -7.43	63.55 3.05 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.93 3.03 -5.04	53.46 3.01 -4.91	48.51 2.85 -4.31	43.07 2.33 -2.62	39.78 2.12 -1.18
NYPA____HELLGATE_GT2 24159	43.64 2.64 -2.68	39.01 2.31 0.00	38.23 1.96 0.00	35.47 1.94 0.00	36.55 2.12 0.00	38.66 2.12 0.00	47.20 2.63 0.01	55.30 2.80 -2.46	58.05 2.75 -5.19	59.72 2.75 -6.96	58.58 2.54 -7.21	54.51 2.43 -6.28	54.29 2.41 -6.30	55.71 2.41 -6.87	54.91 2.46 -6.81	59.19 2.65 -7.43	63.55 3.05 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.93 3.03 -5.04	53.46 3.01 -4.91	48.51 2.85 -4.31	43.07 2.33 -2.62	39.78 2.12 -1.18
NYS_BARGE__HYD 23848	36.09 -2.22 0.00	34.49 -2.20 0.00	33.99 -2.28 0.00	31.38 -2.15 0.00	32.41 -2.11 0.00	34.46 -2.08 0.00	41.77 -2.81 0.00	45.88 -4.15 0.00	46.20 -3.91 0.00	46.32 -3.70 0.00	45.47 -3.37 0.00	42.10 -3.71 0.00	42.02 -3.56 0.00	43.32 -3.11 0.00	42.72 -2.92 0.00	46.12 -3.00 0.00	49.77 -3.69 0.00	52.17 -3.87 0.00	51.10 -3.61 0.00	45.39 -3.47 0.00	41.68 -3.87 0.00	38.37 -2.98 0.00	35.68 -2.44 0.00	34.88 -1.60 0.00

OAK ORCHARD___HYD 24046	36.59 -1.72 0.00	35.04 -1.65 0.00	34.53 -1.74 0.00	31.88 -1.64 0.00	32.86 -1.66 0.00	34.94 -1.61 0.00	42.49 -2.09 0.00	47.33 -2.70 0.00	47.50 -2.61 0.00	47.57 -2.45 0.00	46.49 -2.34 0.00	43.33 -2.47 0.00	43.16 -2.42 0.00	44.25 -2.18 0.00	43.68 -1.96 0.00	47.05 -2.06 0.00	50.94 -2.51 0.00	53.46 -2.58 0.00	52.30 -2.41 0.00	46.51 -2.34 0.00	43.00 -2.55 0.00	39.25 -2.11 0.00	36.33 -1.79 0.00	35.10 -1.39 0.00
OAKDALE___35_KV_LOAD 356122	38.06 0.00 0.25	36.70 0.00 0.00	36.24 -0.04 0.00	33.46 -0.07 0.00	34.48 -0.03 0.00	36.54 0.00 0.00	44.71 0.13 0.00	49.75 -0.05 0.24	49.56 -0.05 0.50	49.35 0.00 0.67	48.19 0.05 0.69	45.11 -0.09 0.60	44.88 -0.09 0.60	45.77 0.00 0.66	44.98 0.00 0.65	48.50 0.10 0.71	52.83 0.05 0.68	55.96 0.39 0.47	54.36 0.16 0.51	48.43 0.05 0.48	45.04 -0.05 0.46	41.03 0.08 0.41	37.84 -0.04 0.25	36.45 0.07 0.11
OCC_CHEM___DRP 24175	35.17 -3.14 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.81 -4.99 0.00	40.79 -4.79 0.00	42.06 -4.36 0.00	41.26 -4.38 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.34 -4.01 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
OH_GEN_PROXY 24063	35.56 -2.76 0.00	33.98 -2.72 0.00	33.52 -2.76 0.00	30.95 -2.58 0.00	31.93 -2.59 0.00	33.91 -2.63 0.00	41.06 -3.52 0.00	45.03 -5.00 0.00	45.30 -4.81 0.00	45.47 -4.55 0.00	44.54 -4.30 0.00	41.36 -4.44 0.00	41.20 -4.38 0.00	42.44 -3.99 0.00	41.90 -3.74 0.00	45.23 -3.88 0.00	48.80 -4.65 0.00	51.21 -4.82 0.00	50.06 -4.65 0.00	44.51 -4.35 0.00	40.90 -4.65 0.00	37.67 -3.68 0.00	35.07 -3.05 0.00	34.26 -2.23 0.00
OLIN_CORP_DRP 24177	35.14 -3.18 0.00	33.69 -3.01 0.00	33.19 -3.08 0.00	30.64 -2.88 0.00	31.65 -2.86 0.00	33.62 -2.92 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.81 -4.99 0.00	40.79 -4.79 0.00	42.06 -4.36 0.00	41.26 -4.38 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.71 -5.32 0.00	49.51 -5.20 0.00	44.07 -4.79 0.00	40.45 -5.10 0.00	37.34 -4.01 0.00	34.73 -3.39 0.00	34.00 -2.48 0.00
OLIN_CORP_DSASP 323712	35.29 -3.03 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.90 -4.90 0.00	40.79 -4.79 0.00	42.06 -4.37 0.00	41.49 -4.15 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.30 -4.05 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
ONEIDA_HERK_LFGE 323681	38.39 0.08 0.00	36.66 -0.04 0.00	36.42 0.15 0.00	33.59 0.07 0.00	34.62 0.10 0.00	36.69 0.15 0.00	44.89 0.31 0.00	50.78 0.75 0.00	50.86 0.75 0.00	50.92 0.90 0.00	49.86 1.03 0.00	46.67 0.87 0.00	46.40 0.82 0.00	47.22 0.79 0.00	46.23 0.59 0.00	49.61 0.49 0.00	53.88 0.43 0.00	56.48 0.45 0.00	55.04 0.33 0.00	49.15 0.29 0.00	45.82 0.27 0.00	41.48 0.12 0.00	38.20 0.08 0.00	36.56 0.07 0.00
ONEIDA___115KV_TB4 55905	38.89 0.57 0.00	37.17 0.48 0.00	36.82 0.54 0.00	33.96 0.44 0.00	35.04 0.52 0.00	37.20 0.66 0.00	45.52 0.94 0.00	51.23 1.20 0.00	51.36 1.25 0.00	51.32 1.30 0.00	50.15 1.32 0.00	46.95 1.15 0.00	46.76 1.19 0.00	47.59 1.16 0.00	46.73 1.10 0.00	50.24 1.13 0.00	54.63 1.18 0.00	57.38 1.34 0.00	55.86 1.15 0.00	49.84 0.98 0.00	46.41 0.87 0.00	42.10 0.74 0.00	38.74 0.61 0.00	37.07 0.58 0.00
ONONDAGA_REF_OCCRA 23987	37.74 -0.57 0.00	36.14 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	35.99 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.12 -0.69 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.47 -0.56 0.00	54.05 -0.66 0.00	48.17 -0.68 0.00	44.91 -0.64 0.00	40.82 -0.54 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00
ONONDAGA___COGEN 23986	37.74 -0.57 0.00	36.14 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	35.99 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.12 -0.69 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.42 -0.62 0.00	54.00 -0.71 0.00	48.17 -0.68 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00
ONTARIO___LFGE 23819	37.93 -0.38 0.00	36.29 -0.40 0.00	35.84 -0.43 0.00	33.02 -0.50 0.00	34.07 -0.45 0.00	36.25 -0.29 0.00	44.40 -0.18 0.00	49.38 -0.65 0.00	49.45 -0.65 0.00	49.32 -0.70 0.00	48.20 -0.64 0.00	45.12 -0.69 0.00	44.90 -0.68 0.00	45.78 -0.65 0.00	45.32 -0.32 0.00	48.58 -0.54 0.00	52.76 -0.70 0.00	55.58 -0.45 0.00	54.27 -0.44 0.00	48.22 -0.64 0.00	44.91 -0.64 0.00	40.94 -0.41 0.00	37.71 -0.42 0.00	36.30 -0.18 0.00
ORANGEVILLE_WT_PWR 323706	36.74 -1.57 0.00	35.12 -1.58 0.00	34.64 -1.63 0.00	31.98 -1.54 0.00	33.07 -1.45 0.00	35.15 -1.39 0.00	42.89 -1.69 0.00	47.33 -2.70 0.00	47.55 -2.55 0.00	47.52 -2.50 0.00	46.54 -2.29 0.00	43.10 -2.70 0.00	43.03 -2.55 0.00	44.29 -2.13 0.00	43.72 -1.92 0.00	47.20 -1.92 0.00	51.05 -2.40 0.00	53.73 -2.30 0.00	52.46 -2.25 0.00	46.66 -2.20 0.00	43.04 -2.51 0.00	39.49 -1.86 0.00	36.60 -1.53 0.00	35.61 -0.88 0.00
ORANGEVILLE___ESR 323794	36.74 -1.57 0.00	35.12 -1.58 0.00	34.64 -1.63 0.00	31.98 -1.54 0.00	33.07 -1.45 0.00	35.15 -1.39 0.00	42.89 -1.69 0.00	47.33 -2.70 0.00	47.55 -2.55 0.00	47.52 -2.50 0.00	46.54 -2.29 0.00	43.10 -2.70 0.00	43.03 -2.55 0.00	44.29 -2.13 0.00	43.72 -1.92 0.00	47.20 -1.92 0.00	51.05 -2.40 0.00	53.73 -2.30 0.00	52.46 -2.25 0.00	46.66 -2.20 0.00	43.04 -2.51 0.00	39.49 -1.86 0.00	36.60 -1.53 0.00	35.61 -0.88 0.00
OSWEGATCHIE___HYD 24044	37.13 -1.19 0.00	35.30 -1.39 0.00	35.22 -1.05 0.00	32.49 -1.04 0.00	33.14 -1.38 0.00	34.83 -1.72 0.00	42.62 -1.96 0.00	48.78 -1.25 0.00	48.80 -1.30 0.00	49.12 -0.90 0.00	48.83 0.00 0.00	45.67 -0.14 0.00	45.40 -0.18 0.00	46.15 -0.28 0.00	44.50 -1.14 0.00	47.44 -1.67 0.00	51.26 -2.19 0.00	53.18 -2.86 0.00	51.98 -2.73 0.00	46.56 -2.30 0.00	43.32 -2.23 0.00	39.25 -2.11 0.00	36.26 -1.87 0.00	35.10 -1.39 0.00
OSWEGO___5 23606	37.17 -1.15 0.00	35.56 -1.14 0.00	35.15 -1.12 0.00	32.45 -1.07 0.00	33.45 -1.07 0.00	35.45 -1.10 0.00	43.29 -1.29 0.00	48.48 -1.55 0.00	48.60 -1.50 0.00	48.52 -1.50 0.00	47.42 -1.42 0.00	44.38 -1.42 0.00	44.16 -1.41 0.00	45.04 -1.39 0.00	44.31 -1.32 0.00	47.69 -1.43 0.00	51.85 -1.60 0.00	54.52 -1.51 0.00	53.12 -1.59 0.00	47.39 -1.46 0.00	44.14 -1.41 0.00	40.11 -1.24 0.00	36.98 -1.14 0.00	35.43 -1.06 0.00

OSWEGO___6 23613	37.17 -1.15 0.00	35.56 -1.14 0.00	35.15 -1.12 0.00	32.45 -1.07 0.00	33.45 -1.07 0.00	35.45 -1.10 0.00	43.29 -1.29 0.00	48.48 -1.55 0.00	48.60 -1.50 0.00	48.52 -1.50 0.00	47.42 -1.42 0.00	44.38 -1.42 0.00	44.16 -1.41 0.00	45.04 -1.39 0.00	44.31 -1.32 0.00	47.69 -1.43 0.00	51.85 -1.60 0.00	54.52 -1.51 0.00	53.12 -1.59 0.00	47.39 -1.46 0.00	44.14 -1.41 0.00	40.11 -1.24 0.00	36.98 -1.14 0.00	35.43 -1.06 0.00
OUTOKUMPU-AB___DRP 24206	36.25 -2.07 0.00	34.75 -1.94 0.00	34.28 -2.00 0.00	31.62 -1.91 0.00	32.65 -1.86 0.00	34.68 -1.86 0.00	42.08 -2.50 0.00	46.18 -3.85 0.00	46.55 -3.56 0.00	46.67 -3.35 0.00	45.86 -2.98 0.00	42.37 -3.44 0.00	42.34 -3.24 0.00	43.69 -2.74 0.00	42.85 -2.78 0.00	46.46 -2.65 0.00	50.09 -3.37 0.00	52.62 -3.42 0.00	51.43 -3.28 0.00	45.73 -3.13 0.00	42.00 -3.55 0.00	38.71 -2.65 0.00	35.95 -2.17 0.00	35.17 -1.31 0.00
OXBOW___BTM 323836	35.90 -2.41 0.00	34.31 -2.38 0.00	33.81 -2.47 0.00	31.21 -2.31 0.00	32.21 -2.31 0.00	34.24 -2.30 0.00	41.46 -3.12 0.00	45.48 -4.55 0.00	45.80 -4.31 0.00	45.92 -4.10 0.00	45.12 -3.71 0.00	41.77 -4.03 0.00	41.66 -3.92 0.00	42.99 -3.44 0.00	42.35 -3.29 0.00	45.73 -3.39 0.00	49.34 -4.11 0.00	51.72 -4.31 0.00	50.61 -4.10 0.00	45.00 -3.86 0.00	41.31 -4.23 0.00	38.04 -3.31 0.00	35.42 -2.71 0.00	34.66 -1.82 0.00
OXBOW____ 24026	35.79 -2.53 0.00	34.31 -2.39 0.00	33.81 -2.47 0.00	31.21 -2.31 0.00	32.20 -2.31 0.00	34.24 -2.30 0.00	41.46 -3.12 0.00	45.48 -4.55 0.00	45.80 -4.31 0.00	45.92 -4.10 0.00	45.12 -3.71 0.00	41.68 -4.12 0.00	41.66 -3.92 0.00	42.99 -3.44 0.00	42.17 -3.47 0.00	45.73 -3.39 0.00	49.34 -4.12 0.00	51.72 -4.31 0.00	50.61 -4.10 0.00	45.00 -3.86 0.00	41.31 -4.24 0.00	38.13 -3.23 0.00	35.42 -2.71 0.00	34.66 -1.82 0.00
OXY_CHEM_DSASP 323612	35.17 -3.14 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.81 -4.99 0.00	40.79 -4.79 0.00	42.06 -4.36 0.00	41.26 -4.38 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.34 -4.01 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
OZONE_PARK_ESR 323760	43.76 2.76 -2.68	39.12 2.42 0.00	38.45 2.18 0.00	35.54 2.01 0.00	36.62 2.11 0.00	38.95 2.41 0.00	47.75 3.17 0.00	56.06 3.55 -2.47	58.82 3.51 -5.21	60.49 3.50 -6.97	59.38 3.32 -7.22	55.30 3.21 -6.29	55.08 3.19 -6.31	56.47 3.16 -6.89	55.70 3.24 -6.82	59.99 3.44 -7.44	64.47 3.96 -7.06	66.10 5.10 -4.97	64.49 4.38 -5.41	57.72 3.81 -5.05	54.24 3.78 -4.92	49.10 3.43 -4.32	43.61 2.86 -2.62	40.11 2.44 -1.18
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	35.17 -3.14 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.81 -4.99 0.00	40.79 -4.79 0.00	42.06 -4.36 0.00	41.26 -4.38 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.34 -4.01 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
PACKARD___115KV_DUPONT_184 80571	35.17 -3.14 0.00	33.72 -2.97 0.00	33.23 -3.05 0.00	30.68 -2.85 0.00	31.69 -2.83 0.00	33.66 -2.89 0.00	40.70 -3.88 0.00	44.53 -5.50 0.00	44.85 -5.26 0.00	45.02 -5.00 0.00	44.15 -4.69 0.00	40.81 -4.99 0.00	40.79 -4.79 0.00	42.06 -4.36 0.00	41.26 -4.38 0.00	44.79 -4.32 0.00	48.32 -5.13 0.00	50.65 -5.38 0.00	49.51 -5.20 0.00	44.02 -4.84 0.00	40.45 -5.10 0.00	37.34 -4.01 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	43.64 2.64 -2.68	38.97 2.28 0.00	38.23 1.96 0.00	35.40 1.88 0.00	36.52 2.00 0.00	38.63 2.08 0.00	47.17 2.59 0.00	55.26 2.75 -2.47	58.01 2.71 -5.20	59.68 2.70 -6.97	58.54 2.49 -7.22	54.52 2.43 -6.29	54.30 2.42 -6.31	55.68 2.37 -6.88	54.92 2.46 -6.82	59.20 2.65 -7.44	63.56 3.05 -7.05	65.15 4.15 -4.97	63.56 3.45 -5.40	56.84 2.93 -5.05	53.42 2.96 -4.91	48.48 2.81 -4.32	43.03 2.29 -2.62	39.74 2.08 -1.18
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	44.02 3.03 -2.68	39.37 2.68 0.00	38.63 2.36 0.00	35.77 2.25 0.00	36.86 2.35 0.00	39.03 2.48 0.00	47.61 3.03 0.00	55.71 3.20 -2.47	58.47 3.16 -5.20	60.13 3.15 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.60 3.05 -7.44	63.98 3.47 -7.05	65.65 4.65 -4.97	64.05 3.94 -5.40	57.28 3.37 -5.05	53.83 3.37 -4.91	48.85 3.18 -4.32	43.41 2.67 -2.62	40.07 2.41 -1.18
PATROON___115KV_TB1 80586	39.93 1.03 -0.58	37.76 1.06 0.00	37.33 1.05 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.47 0.89 0.00	51.52 0.95 -0.53	52.23 1.00 -1.12	52.52 1.00 -1.50	51.32 0.93 -1.56	48.12 0.96 -1.36	47.85 0.91 -1.36	48.75 0.84 -1.49	47.93 0.82 -1.47	51.56 0.83 -1.61	55.94 0.96 -1.52	58.79 1.68 -1.07	57.13 1.26 -1.17	50.93 0.98 -1.09	47.57 0.96 -1.06	43.24 0.95 -0.93	40.06 1.37 -0.57	37.98 1.24 -0.25
PATTRSNVILLE___SOLAR 323815	40.15 1.34 -0.49	37.98 1.28 0.00	37.51 1.23 0.00	34.63 1.10 0.00	35.69 1.17 0.00	37.82 1.28 0.00	46.18 1.60 0.00	52.34 1.85 -0.46	52.87 1.80 -0.96	52.85 1.55 -1.29	51.63 1.46 -1.33	48.34 1.37 -1.16	48.06 1.32 -1.16	49.00 1.30 -1.27	48.17 1.28 -1.26	52.01 1.52 -1.37	56.63 1.87 -1.30	59.48 2.52 -0.92	57.95 2.24 -1.00	51.60 1.81 -0.93	48.14 1.69 -0.91	43.64 1.49 -0.80	39.91 1.30 -0.48	37.87 1.17 -0.22
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.55 -0.77 0.00	35.96 -0.73 0.00	35.44 -0.83 0.00	32.72 -0.80 0.00	33.79 -0.72 0.00	35.89 -0.66 0.00	43.78 -0.80 0.00	48.08 -1.95 0.00	48.40 -1.70 0.00	48.47 -1.55 0.00	47.61 -1.22 0.00	44.06 -1.74 0.00	43.98 -1.60 0.00	45.36 -1.07 0.00	44.50 -1.14 0.00	48.23 -0.88 0.00	52.07 -1.39 0.00	54.80 -1.23 0.00	53.51 -1.20 0.00	47.59 -1.27 0.00	43.73 -1.82 0.00	40.28 -1.08 0.00	37.29 -0.84 0.00	36.37 -0.11 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	42.20 2.68 -1.21	39.04 2.35 0.00	38.41 2.14 0.00	35.50 1.98 0.00	36.62 2.11 0.00	38.92 2.38 0.00	47.66 3.08 0.00	54.60 3.45 -1.12	55.86 3.41 -2.35	56.47 3.30 -3.15	55.22 3.13 -3.26	51.72 3.07 -2.84	51.39 2.96 -2.85	52.51 2.97 -3.11	51.73 3.01 -3.08	55.72 3.24 -3.36	60.33 3.69 -3.19	63.10 4.82 -2.25	61.15 3.99 -2.44	54.61 3.47 -2.28	51.23 3.46 -2.22	46.36 3.06 -1.95	41.90 2.59 -1.18	39.24 2.23 -0.53
PEEKSKILL____ 23653	43.23 2.03 -2.89	38.49 1.80 0.00	37.83 1.56 0.00	35.00 1.47 0.00	36.07 1.55 0.00	38.30 1.75 0.00	46.90 2.32 0.00	55.30 2.60 -2.66	58.21 2.50 -5.60	60.02 2.50 -7.50	58.95 2.34 -7.77	54.91 2.33 -6.77	54.65 2.28 -6.79	56.16 2.32 -7.41	55.30 2.33 -7.34	59.58 2.45 -8.01	63.94 2.88 -7.60	65.31 3.92 -5.35	63.81 3.28 -5.82	57.08 2.78 -5.44	53.62 2.78 -5.29	48.52 2.52 -4.65	43.00 2.06 -2.82	39.50 1.75 -1.27

PGE MADISON___WINDPWR 24146	40.53 2.45 0.24	38.79 2.09 0.00	38.49 2.21 0.00	35.37 1.84 0.00	36.55 2.04 0.00	38.95 2.41 0.00	48.01 3.43 0.00	58.01 8.25 0.27	57.70 8.17 0.57	57.30 8.05 0.77	56.05 8.01 0.80	52.03 6.92 0.69	51.77 6.88 0.70	52.40 6.73 0.76	51.41 6.53 0.75	55.32 7.02 0.82	60.96 8.29 0.78	60.19 4.60 0.44	58.44 4.21 0.48	52.12 3.71 0.45	48.48 3.37 0.44	43.86 2.89 0.38	40.33 2.44 0.23	38.72 2.34 0.10
PIERCEFIELD___HYD 23852	37.47 -0.84 0.00	35.63 -1.06 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.08 0.27 0.00	45.85 0.27 0.00	46.61 0.19 0.00	44.50 -1.14 0.00	47.35 -1.77 0.00	50.94 -2.51 0.00	52.50 -3.53 0.00	51.59 -3.12 0.00	46.17 -2.69 0.00	42.91 -2.64 0.00	38.95 -2.40 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
PINELAWN_CC_1 323563	44.32 3.33 -2.68	39.59 2.90 0.00	38.70 2.43 0.00	35.84 2.31 0.00	37.00 2.49 0.00	39.18 2.63 0.00	47.93 3.35 0.00	56.75 4.25 -2.47	59.06 3.76 -5.19	60.42 3.45 -6.95	59.71 3.66 -7.21	55.84 3.76 -6.28	55.43 3.56 -6.29	57.01 3.72 -6.87	56.46 4.02 -6.80	60.96 4.42 -7.42	65.84 5.34 -7.04	67.32 6.33 -4.96	65.41 5.31 -5.39	58.39 4.49 -5.04	54.69 4.24 -4.90	49.14 3.47 -4.31	43.64 2.90 -2.62	40.40 2.74 -1.18
PJM_GEN_HTP_PROXY 323702	43.42 2.42 -2.69	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.48	58.37 3.06 -5.21	60.05 3.05 -6.98	58.95 2.88 -7.23	54.90 2.79 -6.30	54.68 2.78 -6.32	56.11 2.79 -6.89	55.30 2.83 -6.83	59.56 3.00 -7.45	63.99 3.47 -7.07	65.61 4.60 -4.98	64.01 3.88 -5.41	57.24 3.32 -5.06	53.75 3.28 -4.92	48.69 3.02 -4.33	43.23 2.48 -2.62	39.78 2.12 -1.18
PJM_GEN_KEystone 24065	34.79 0.00 3.53	33.21 -0.07 3.41	32.72 -0.22 3.34	33.32 -0.20 0.01	34.38 -0.14 0.00	36.47 -0.07 0.00	44.58 0.00 0.00	46.29 -0.45 3.29	42.78 -0.40 6.92	40.40 -0.35 9.27	38.94 -0.29 9.61	37.02 -0.41 8.37	36.82 -0.37 8.39	37.04 -0.23 9.16	36.43 -0.14 9.07	39.12 -0.10 9.90	43.96 -0.11 9.39	49.87 0.45 6.61	47.63 0.11 7.19	42.04 -0.10 6.72	38.83 -0.18 6.54	35.65 0.04 5.74	34.44 -0.04 3.65	33.99 0.11 2.60
PJM_GEN_NEPTUNE_PROXY 323594	43.75 2.76 -2.68	39.05 2.35 0.00	38.23 1.96 0.00	35.37 1.84 0.00	36.52 2.00 0.00	38.70 2.16 0.00	47.30 2.72 0.00	55.95 3.45 -2.47	58.31 3.01 -5.19	59.72 2.75 -6.95	58.97 2.93 -7.21	55.11 3.02 -6.28	54.75 2.87 -6.29	56.27 2.97 -6.87	55.68 3.24 -6.80	60.08 3.54 -7.42	64.83 4.33 -7.04	66.26 5.27 -4.96	64.48 4.38 -5.39	57.61 3.71 -5.04	53.96 3.51 -4.90	48.60 2.94 -4.31	43.18 2.44 -2.61	39.89 2.23 -1.18
PJM_GEN_VFT_PROXY 323633	43.22 2.22 -2.68	38.64 1.94 0.00	37.98 1.71 0.00	35.10 1.58 0.00	36.17 1.66 0.00	38.48 1.94 0.00	47.16 2.58 0.00	55.31 2.80 -2.47	58.07 2.75 -5.21	59.74 2.75 -6.97	58.64 2.59 -7.21	54.62 2.52 -6.29	54.39 2.51 -6.31	55.82 2.51 -6.89	55.01 2.55 -6.82	59.25 2.70 -7.43	63.66 3.15 -7.05	65.20 4.20 -4.96	63.66 3.55 -5.40	56.89 2.98 -5.05	53.56 3.10 -4.92	48.61 2.94 -4.32	43.11 2.36 -2.62	39.67 2.01 -1.18
PLATSBURG_115KV_PMLD1 355749	38.35 0.04 0.00	36.70 0.00 0.00	36.35 0.07 0.00	33.63 0.10 0.00	34.38 -0.14 0.00	36.47 -0.07 0.00	44.76 0.18 0.00	50.83 0.80 0.00	50.81 0.70 0.00	50.67 0.65 0.00	49.71 0.88 0.00	46.63 0.82 0.00	46.58 1.00 0.00	47.54 1.11 0.00	46.55 0.91 0.00	50.24 1.13 0.00	54.58 1.12 0.00	56.20 0.17 0.00	55.37 0.66 0.00	49.45 0.59 0.00	45.96 0.41 0.00	41.44 0.08 0.00	38.16 0.04 0.00	36.67 0.18 0.00
PLEASANTVLY___LBMP 24000	42.20 2.03 -1.85	38.53 1.83 0.00	37.91 1.63 0.00	35.07 1.54 0.00	36.14 1.62 0.00	38.33 1.79 0.00	46.90 2.32 0.00	54.29 2.55 -1.71	56.20 2.51 -3.59	57.33 2.50 -4.81	56.16 2.34 -4.98	52.48 2.34 -4.34	52.21 2.28 -4.35	53.46 2.28 -4.75	52.67 2.33 -4.71	56.66 2.41 -5.13	61.16 2.83 -4.87	63.28 3.81 -3.43	61.56 3.12 -3.73	55.03 2.69 -3.49	51.63 2.69 -3.39	46.77 2.44 -2.98	41.99 2.06 -1.81	39.09 1.79 -0.81
PLSNTVLE_13_KV_13.8KVDIST 80602	43.04 2.30 -2.43	38.71 2.02 0.00	38.09 1.81 0.00	35.24 1.71 0.00	36.31 1.79 0.00	38.55 2.01 0.00	47.17 2.59 0.00	55.17 2.90 -2.24	57.67 2.86 -4.71	59.17 2.85 -6.30	58.05 2.69 -6.53	54.15 2.66 -5.69	53.88 2.60 -5.71	55.26 2.60 -6.23	54.50 2.69 -6.17	58.64 2.80 -6.73	63.10 3.26 -6.38	64.84 4.31 -4.50	63.15 3.56 -4.89	56.51 3.08 -4.57	53.05 3.05 -4.45	48.03 2.77 -3.91	42.82 2.33 -2.37	39.56 2.01 -1.07
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.04 2.30 -2.43	38.71 2.02 0.00	38.09 1.81 0.00	35.24 1.71 0.00	36.31 1.79 0.00	38.55 2.01 0.00	47.17 2.59 0.00	55.17 2.90 -2.24	57.67 2.86 -4.71	59.17 2.85 -6.30	58.05 2.69 -6.53	54.15 2.66 -5.69	53.88 2.60 -5.71	55.26 2.60 -6.23	54.50 2.69 -6.17	58.64 2.80 -6.73	63.10 3.26 -6.38	64.84 4.31 -4.50	63.15 3.56 -4.89	56.51 3.08 -4.57	53.05 3.05 -4.45	48.03 2.77 -3.91	42.82 2.33 -2.37	39.56 2.01 -1.07
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.43 2.38 -0.74	38.86 2.17 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.70 2.16 0.00	47.39 2.81 0.00	53.83 3.10 -0.69	54.62 3.06 -1.46	54.97 3.00 -1.95	53.64 2.78 -2.02	50.32 2.75 -1.76	49.99 2.64 -1.77	51.00 2.65 -1.93	50.29 2.74 -1.91	54.10 2.90 -2.08	58.80 3.37 -1.98	61.85 4.43 -1.39	59.89 3.67 -1.51	53.45 3.18 -1.42	50.07 3.14 -1.38	45.33 2.77 -1.21	41.26 2.40 -0.73	38.86 2.04 -0.33
POLETTI___ 23519	43.53 2.53 -2.68	38.93 2.24 0.00	38.23 1.96 0.00	35.37 1.84 0.00	36.45 1.93 0.00	38.74 2.19 0.00	47.48 2.90 0.00	55.71 3.20 -2.47	58.42 3.11 -5.21	60.09 3.10 -6.97	58.99 2.93 -7.22	54.98 2.89 -6.29	54.71 2.83 -6.31	56.15 2.83 -6.89	55.38 2.92 -6.82	59.65 3.09 -7.44	64.04 3.53 -7.06	65.66 4.65 -4.97	64.00 3.88 -5.41	57.28 3.37 -5.05	53.83 3.37 -4.92	48.82 3.14 -4.32	43.34 2.59 -2.62	39.89 2.23 -1.18
POMONA___ESR 323819	35.63 1.84 4.53	38.31 1.61 0.00	37.69 1.41 0.00	34.87 1.34 0.00	35.90 1.38 0.00	38.11 1.57 0.00	46.68 2.10 0.00	48.09 2.35 4.29	43.38 2.31 9.03	40.23 2.30 12.09	38.45 2.15 12.53	36.99 2.11 10.92	36.73 2.10 10.95	36.57 2.09 11.95	35.95 2.15 11.83	38.47 2.26 12.91	43.88 2.67 12.25	51.05 3.64 8.62	48.39 3.06 9.38	42.63 2.54 8.77	39.57 2.55 8.53	36.17 2.31 7.49	35.45 1.87 4.55	36.01 1.57 2.04
PORT_JEFF_3 23555	44.63 3.64 -2.68	39.85 3.16 0.00	38.96 2.68 0.00	36.07 2.55 0.00	37.28 2.76 0.00	39.47 2.92 0.00	48.19 3.61 0.00	57.15 4.65 -2.47	59.11 3.81 -5.19	60.42 3.45 -6.95	59.75 3.71 -7.21	55.93 3.85 -6.28	55.75 3.87 -6.29	57.34 4.04 -6.87	56.87 4.43 -6.80	61.40 4.86 -7.42	66.38 5.88 -7.04	67.88 6.89 -4.96	65.90 5.80 -5.39	58.79 4.89 -5.04	54.96 4.51 -4.90	49.34 3.68 -4.31	43.83 3.09 -2.62	40.65 2.99 -1.18

PORT_JEFF_4 23616	44.63	39.85	38.96	36.07	37.28	39.47	48.19	57.15	59.11	60.42	59.75	55.93	55.75	57.34	56.87	61.40	66.38	67.88	65.90	58.79	54.96	49.34	43.83	40.65
	3.64	3.16	2.68	2.55	2.76	2.92	3.61	4.65	3.81	3.45	3.71	3.85	3.87	4.04	4.43	4.86	5.88	6.89	5.80	4.89	4.51	3.68	3.09	2.99
	-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.19	-6.95	-7.21	-6.28	-6.29	-6.87	-6.80	-7.42	-7.04	-4.96	-5.39	-5.04	-4.90	-4.31	-2.62	-1.18
PORT_JEFF_IC 23713	44.78	39.89	38.99	36.11	37.31	39.50	48.19	57.25	58.96	60.27	59.65	55.84	55.84	57.43	56.96	61.50	66.48	68.00	65.85	58.89	55.14	49.30	43.87	40.69
	3.79	3.19	2.72	2.58	2.80	2.96	3.61	4.75	3.66	3.30	3.61	3.76	3.97	4.13	4.52	4.96	5.99	7.00	5.74	4.98	4.69	3.64	3.13	3.03
	-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.19	-6.95	-7.21	-6.28	-6.29	-6.87	-6.80	-7.42	-7.04	-4.96	-5.39	-5.04	-4.90	-4.31	-2.62	-1.18
PPL PILGRIM_ST_GT1 24216	44.71	39.92	39.03	36.11	37.31	39.50	48.32	57.30	59.51	60.82	60.09	56.25	55.84	57.48	56.96	61.50	66.43	67.88	65.96	58.89	55.05	49.46	43.90	40.69
	3.72	3.23	2.76	2.58	2.79	2.96	3.75	4.80	4.21	3.85	4.05	4.17	3.96	4.18	4.52	4.96	5.93	6.89	5.86	4.99	4.60	3.80	3.16	3.03
	-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.19	-6.95	-7.21	-6.28	-6.29	-6.87	-6.80	-7.42	-7.04	-4.96	-5.39	-5.04	-4.90	-4.31	-2.62	-1.18
PPL PILGRIM_ST_GT2 24217	44.71	39.92	39.03	36.11	37.31	39.50	48.32	57.30	59.51	60.82	60.09	56.25	55.84	57.48	56.96	61.50	66.43	67.88	65.96	58.89	55.05	49.46	43.90	40.69
	3.72	3.23	2.76	2.58	2.79	2.96	3.75	4.80	4.21	3.85	4.05	4.17	3.96	4.18	4.52	4.96	5.93	6.89	5.86	4.99	4.60	3.80	3.16	3.03
	-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.19	-6.95	-7.21	-6.28	-6.29	-6.87	-6.80	-7.42	-7.04	-4.96	-5.39	-5.04	-4.90	-4.31	-2.62	-1.18
PPL_SHRM_GT3 24213	44.82	40.03	39.14	36.24	37.49	39.69	48.46	57.61	59.71	60.97	60.39	56.53	56.11	57.76	57.28	61.89	66.96	68.45	66.39	59.23	55.28	49.55	43.98	40.80
	3.83	3.34	2.86	2.71	2.97	3.14	3.88	5.11	4.41	4.00	4.34	4.44	4.24	4.46	4.84	5.35	6.47	7.45	6.29	5.33	4.83	3.89	3.24	3.14
	-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.19	-6.95	-7.21	-6.28	-6.29	-6.87	-6.80	-7.42	-7.04	-4.96	-5.39	-5.04	-4.90	-4.31	-2.62	-1.18
PPL_SHRM_GT4 24214	44.82	40.03	39.14	36.24	37.49	39.69	48.46	57.61	59.71	60.97	60.39	56.53	56.11	57.76	57.28	61.89	66.96	68.45	66.39	59.23	55.28	49.55	43.98	40.80
	3.83	3.34	2.86	2.71	2.97	3.14	3.88	5.11	4.41	4.00	4.34	4.44	4.24	4.46	4.84	5.35	6.47	7.45	6.29	5.33	4.83	3.89	3.24	3.14
	-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.19	-6.95	-7.21	-6.28	-6.29	-6.87	-6.80	-7.42	-7.04	-4.96	-5.39	-5.04	-4.90	-4.31	-2.62	-1.18
PROJECT___ORANGE 1 24174	37.51	35.92	35.51	32.76	33.76	35.81	43.73	48.98	49.10	49.02	47.91	44.84	44.62	45.55	44.73	48.18	52.39	55.08	53.67	47.88	44.59	40.57	37.36	35.79
	-0.80	-0.77	-0.76	-0.77	-0.76	-0.73	-0.85	-1.05	-1.00	-1.00	-0.93	-0.96	-0.96	-0.88	-0.91	-0.93	-1.07	-0.95	-1.04	-0.98	-0.96	-0.79	-0.76	-0.69
	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
PROJECT___ORANGE 2 24166	37.51	35.92	35.51	32.76	33.76	35.81	43.73	48.98	49.10	49.02	47.91	44.84	44.62	45.55	44.73	48.18	52.39	55.08	53.67	47.88	44.59	40.57	37.36	35.79
	-0.80	-0.77	-0.76	-0.77	-0.76	-0.73	-0.85	-1.05	-1.00	-1.00	-0.93	-0.96	-0.96	-0.88	-0.91	-0.93	-1.07	-0.95	-1.04	-0.98	-0.96	-0.79	-0.76	-0.69
	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
PUCKETT___SOLAR 323809	38.75	37.28	36.89	34.03	35.07	37.24	45.61	51.38	51.18	50.87	49.67	46.41	46.17	47.03	46.27	49.84	54.45	57.12	55.55	49.44	45.98	41.80	38.56	37.10
	0.69	0.59	0.62	0.50	0.55	0.69	1.03	1.60	1.60	1.55	1.56	1.24	1.23	1.30	1.32	1.47	1.71	1.57	1.37	1.07	0.91	0.87	0.69	0.73
	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.52	0.70	0.73	0.63	0.64	0.69	0.69	0.75	0.71	0.48	0.52	0.49	0.48	0.42	0.25	0.11
PYRITES___HYD 24023	38.28	36.33	36.27	33.46	33.93	35.45	43.38	50.08	50.06	50.57	50.74	47.36	47.13	47.91	45.73	48.67	52.60	54.18	53.18	47.59	44.23	40.03	37.10	36.16
	-0.04	-0.37	0.00	-0.07	-0.59	-1.10	-1.20	0.05	-0.05	0.55	1.90	1.56	1.55	1.49	0.09	-0.44	-0.86	-1.85	-1.53	-1.27	-1.32	-1.32	-1.03	-0.33
	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
QUAKERRD_115KV_BK1 80622	35.98	34.49	34.03	31.38	32.34	34.39	41.86	46.73	46.85	46.92	45.86	42.74	42.62	43.60	42.95	46.36	50.25	52.67	51.48	45.83	42.45	38.75	35.76	34.48
	-2.34	-2.20	-2.25	-2.15	-2.17	-2.16	-2.72	-3.30	-3.26	-3.10	-2.98	-3.07	-2.96	-2.83	-2.69	-2.75	-3.21	-3.36	-3.23	-3.03	-3.10	-2.61	-2.36	-2.01
	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
QUEENSBRY_115KV_TB8 356137	41.03	38.75	38.09	35.14	36.21	38.52	47.03	53.51	54.31	54.34	53.24	49.84	49.46	50.25	49.36	53.19	57.78	60.95	59.24	52.66	49.00	44.33	40.55	38.48
	2.15	2.05	1.81	1.61	1.69	1.97	2.45	2.95	3.11	2.85	2.88	2.70	2.55	2.37	2.28	2.50	2.83	3.87	3.39	2.74	2.41	2.07	1.87	1.75
	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-1.10	-1.47	-1.52	-1.33	-1.33	-1.45	-1.44	-1.57	-1.49	-1.05	-1.14	-1.07	-1.04	-0.91	-0.55	-0.25
RAMAPO___LBMP 323565	35.57	38.20	37.58	34.77	35.83	38.00	46.54	48.04	43.44	40.31	38.60	37.11	36.85	36.72	36.10	38.58	43.96	51.09	48.29	42.69	39.64	36.19	35.44	35.95
	1.72	1.50	1.31	1.24	1.31	1.46	1.96	2.20	2.15	2.10	2.00	1.97	1.96	1.95	2.01	2.06	2.46	3.47	2.74	2.39	2.41	2.15	1.75	1.46
	4.47	0.00	0.00	0.00	0.00	0.00	0.00	4.19	8.82	11.80	12.23	10.66	10.69	11.66	11.55	12.60	11.95	8.42	9.15	8.56	8.32	7.31	4.44	2.00
RANKINE____ 23646	36.78	35.23	34.71	32.05	33.10	35.19	42.80	46.98	47.30	47.42	46.59	43.06	43.03	44.39	43.54	47.20	50.94	53.51	52.30	46.51	42.72	39.37	36.52	35.68
	-1.53	-1.47	-1.56	-1.48	-1.42	-1.35	-1.78	-3.05	-2.81	-2.60	-2.25	-2.75	-2.55	-2.04	-2.10	-1.92	-2.51	-2.52	-2.41	-2.35	-2.82	-1.98	-1.60	-0.80
	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
RAVENSWOOD_GT2_1 24244	43.45	38.86	38.20	35.30	36.38	38.66	47.34	55.61	58.32	60.03	58.93	54.89	54.62	56.05	55.28	59.55	63.98	65.54	63.89	57.18	53.74	48.69	43.22	39.82
	2.45	2.17	1.92	1.78	1.86	2.12	2.76	3.10	3.01	3.05	2.88	2.79	2.73	2.74	2.83	3.00	3.47	4.54	3.77	3.27	3.28	3.02	2.48	2.15
	-2.68	0.00	0.00	0.00	0.00	0.00	0.00	-2.47	-5.20	-6.97	-7.22	-6.29	-6.31	-6.88	-6.82	-7.44	-7.05	-4.97	-5.40	-5.05	-4.91	-4.32	-2.62	-1.18

RAVENSWOOD_GT2_2 24245	43.45 2.45 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.32 3.01 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT2_3 24246	43.49 2.49 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.70 2.16 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.60 4.59 -4.97	63.94 3.83 -5.40	57.23 3.32 -5.05	53.79 3.33 -4.91	48.73 3.06 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT2_4 24247	43.49 2.49 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.70 2.16 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.60 4.59 -4.97	63.94 3.83 -5.40	57.23 3.32 -5.05	53.79 3.33 -4.91	48.73 3.06 -4.32	43.26 2.52 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT3_1 24248	43.49 2.49 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT3_2 24249	43.49 2.49 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT3_3 24250	43.52 2.53 -2.68	38.90 2.20 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.74 2.19 0.00	47.43 2.85 0.00	55.66 3.15 -2.47	58.42 3.11 -5.20	60.08 3.10 -6.97	58.98 2.93 -7.22	54.93 2.84 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.05	65.65 4.65 -4.97	64.00 3.88 -5.40	57.28 3.37 -5.05	53.83 3.37 -4.91	48.77 3.10 -4.32	43.30 2.55 -2.62	39.85 2.19 -1.18
RAVENSWOOD_GT3_4 24251	43.52 2.53 -2.68	38.90 2.20 0.00	38.23 1.96 0.00	35.34 1.81 0.00	36.42 1.90 0.00	38.74 2.19 0.00	47.43 2.85 0.00	55.66 3.15 -2.47	58.42 3.11 -5.20	60.08 3.10 -6.97	58.98 2.93 -7.22	54.93 2.84 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.60 3.05 -7.44	64.04 3.53 -7.05	65.65 4.65 -4.97	64.00 3.88 -5.40	57.28 3.37 -5.05	53.83 3.37 -4.91	48.77 3.10 -4.32	43.30 2.55 -2.62	39.85 2.19 -1.18
RAVENSWOOD_GT_1 23729	43.68 2.68 -2.68	39.04 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.43 2.85 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.89 2.83 -7.22	54.84 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.93 3.42 -7.05	65.54 4.54 -4.97	63.94 3.83 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.73 3.06 -4.32	43.30 2.55 -2.62	39.89 2.23 -1.18
RAVENSWOOD_GT_10 24258	43.45 2.45 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT_11 24259	43.45 2.45 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT_4 24252	43.41 2.41 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.94 3.83 -5.40	57.23 3.32 -5.05	53.79 3.33 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT_5 24254	43.41 2.41 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.94 3.83 -5.40	57.23 3.32 -5.05	53.79 3.33 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT_6 24253	43.41 2.41 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.94 3.83 -5.40	57.23 3.32 -5.05	53.79 3.33 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT_7 24255	43.41 2.41 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.27 1.74 0.00	36.35 1.83 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.94 3.83 -5.40	57.23 3.32 -5.05	53.79 3.33 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.45 2.45 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18

RAVENSWOOD_GT_9 24257	43.45 2.45 -2.68	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.34 2.76 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.05 2.74 -6.88	55.28 2.83 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.69 3.02 -4.32	43.22 2.48 -2.62	39.82 2.15 -1.18
RAVENSWOOD___1 23533	43.64 2.64 -2.68	39.05 2.35 0.00	38.34 2.07 0.00	35.47 1.94 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.44 2.86 0.00	55.56 3.05 -2.47	58.31 3.01 -5.20	59.98 3.00 -6.97	58.88 2.83 -7.22	54.80 2.70 -6.29	54.57 2.69 -6.31	56.00 2.69 -6.88	55.19 2.74 -6.82	59.50 2.95 -7.44	63.88 3.37 -7.05	65.54 4.54 -4.97	64.00 3.88 -5.40	57.18 3.27 -5.05	53.70 3.23 -4.91	48.73 3.06 -4.32	43.26 2.52 -2.62	39.89 2.23 -1.18
RAVENSWOOD___2 23534	43.64 2.64 -2.68	39.05 2.35 0.00	38.34 2.07 0.00	35.44 1.91 0.00	36.55 2.04 0.00	38.81 2.27 0.00	47.39 2.81 0.00	55.56 3.05 -2.47	58.31 3.01 -5.20	59.98 3.00 -6.97	58.88 2.83 -7.22	54.75 2.66 -6.29	54.57 2.69 -6.31	56.00 2.69 -6.88	55.19 2.74 -6.82	59.50 2.95 -7.44	63.88 3.37 -7.05	65.54 4.54 -4.97	64.00 3.88 -5.40	57.18 3.27 -5.05	53.70 3.23 -4.91	48.73 3.06 -4.32	43.26 2.52 -2.62	39.85 2.19 -1.18
RAVENSWOOD___3 23535	43.45 2.45 -2.68	38.86 2.16 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.39 2.81 0.00	55.61 3.10 -2.47	58.37 3.06 -5.20	60.03 3.05 -6.97	58.93 2.88 -7.22	54.84 2.75 -6.29	54.62 2.73 -6.31	56.05 2.74 -6.88	55.24 2.78 -6.82	59.55 3.00 -7.44	63.98 3.47 -7.05	65.54 4.54 -4.97	64.00 3.88 -5.40	57.18 3.27 -5.05	53.74 3.28 -4.91	48.73 3.06 -4.32	43.22 2.48 -2.62	39.81 2.15 -1.18
RAVENSWOOD___4 23820	43.60 2.61 -2.68	39.04 2.35 0.00	38.30 2.03 0.00	35.44 1.91 0.00	36.52 2.00 0.00	38.77 2.23 0.00	47.39 2.81 0.00	55.56 3.05 -2.47	58.31 3.01 -5.20	59.98 3.00 -6.97	58.84 2.78 -7.22	54.75 2.66 -6.29	54.57 2.69 -6.31	56.00 2.69 -6.88	55.19 2.74 -6.82	59.50 2.95 -7.44	63.88 3.37 -7.05	65.54 4.54 -4.97	64.00 3.88 -5.40	57.18 3.27 -5.05	53.70 3.23 -4.91	48.73 3.06 -4.32	43.26 2.52 -2.62	39.85 2.19 -1.18
RCPL_TRUST___DRP 24196	43.45 2.45 -2.69	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.43 2.85 0.00	55.66 3.15 -2.48	58.42 3.11 -5.21	60.15 3.15 -6.98	59.05 2.98 -7.23	54.99 2.89 -6.30	54.77 2.87 -6.32	56.15 2.83 -6.89	55.39 2.92 -6.83	59.66 3.09 -7.45	64.10 3.58 -7.07	65.66 4.65 -4.98	64.01 3.88 -5.41	57.29 3.37 -5.06	53.84 3.37 -4.92	48.74 3.06 -4.33	43.27 2.52 -2.62	39.82 2.15 -1.18
RED___ROCHESTER 323720	36.82 -1.49 0.00	35.23 -1.47 0.00	34.72 -1.56 0.00	32.05 -1.47 0.00	33.03 -1.48 0.00	35.15 -1.39 0.00	42.75 -1.83 0.00	47.68 -2.35 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.88 -1.95 0.00	43.65 -2.15 0.00	43.53 -2.05 0.00	44.62 -1.81 0.00	44.04 -1.60 0.00	47.44 -1.67 0.00	51.37 -2.09 0.00	53.90 -2.13 0.00	52.74 -1.97 0.00	46.90 -1.96 0.00	43.32 -2.23 0.00	39.58 -1.78 0.00	36.56 -1.56 0.00	35.32 -1.17 0.00
REGAN___SOLAR 323812	41.32 2.57 -0.43	39.12 2.42 0.00	38.60 2.32 0.00	35.61 2.08 0.00	36.69 2.18 0.00	39.06 2.52 0.00	47.83 3.25 0.00	54.23 3.80 -0.40	54.70 3.76 -0.84	54.34 3.20 -1.12	53.13 3.13 -1.16	49.52 2.70 -1.01	49.19 2.60 -1.02	50.09 2.55 -1.11	49.20 2.46 -1.10	53.36 3.05 -1.20	58.28 3.69 -1.14	61.43 4.60 -0.80	59.96 4.38 -0.87	53.29 3.62 -0.82	49.62 3.28 -0.79	44.94 2.89 -0.70	41.03 2.48 -0.42	38.83 2.15 -0.19
RENSSELAER___COGEN 23796	39.78 0.88 -0.59	37.61 0.92 0.00	37.22 0.94 0.00	34.46 0.94 0.00	35.48 0.97 0.00	37.46 0.91 0.00	45.29 0.71 0.00	51.32 0.75 -0.54	52.00 0.75 -1.14	52.29 0.75 -1.52	51.10 0.68 -1.58	47.91 0.73 -1.38	47.64 0.68 -1.38	48.54 0.60 -1.50	47.72 0.59 -1.49	51.33 0.59 -1.63	55.69 0.69 -1.54	58.52 1.40 -1.09	56.93 1.04 -1.18	50.74 0.78 -1.11	47.40 0.77 -1.07	43.08 0.78 -0.94	39.92 1.22 -0.57	37.84 1.09 -0.26
REPUBLIC_115KV_BARTNBRK 55605	42.68 3.79 -0.57	40.25 3.56 0.00	39.54 3.26 0.00	36.41 2.88 0.00	37.52 3.00 0.00	40.09 3.54 0.00	49.04 4.46 0.00	55.91 5.35 -0.52	56.57 5.36 -1.10	56.49 5.00 -1.48	55.44 5.08 -1.53	51.90 4.76 -1.33	51.29 4.38 -1.34	52.07 4.18 -1.46	51.14 4.06 -1.44	55.26 4.57 -1.58	60.03 5.08 -1.50	63.42 6.33 -1.05	61.65 5.80 -1.15	54.62 4.69 -1.07	50.73 4.14 -1.04	45.78 3.51 -0.92	41.77 3.09 -0.56	39.62 2.88 -0.25
REVERE_CPDR_DRP 24186	39.04 0.73 0.00	37.25 0.55 0.00	36.96 0.69 0.00	34.10 0.57 0.00	35.14 0.62 0.00	37.31 0.77 0.00	45.69 1.11 0.00	51.58 1.55 0.00	51.71 1.60 0.00	51.72 1.70 0.00	50.64 1.81 0.00	47.36 1.56 0.00	47.17 1.60 0.00	48.01 1.58 0.00	47.05 1.41 0.00	50.54 1.42 0.00	55.01 1.55 0.00	57.66 1.62 0.00	56.13 1.42 0.00	50.13 1.27 0.00	46.69 1.14 0.00	42.30 0.95 0.00	38.93 0.80 0.00	37.21 0.73 0.00
REYNOLDS_115KV_TB3 80639	40.07 1.15 -0.60	37.83 1.14 0.00	37.44 1.16 0.00	34.67 1.14 0.00	35.69 1.17 0.00	37.68 1.13 0.00	45.65 1.07 0.00	51.74 1.15 -0.56	52.43 1.15 -1.17	52.79 1.20 -1.57	51.53 1.07 -1.63	48.37 1.15 -1.42	48.09 1.09 -1.42	49.00 1.02 -1.55	48.18 1.00 -1.53	51.77 0.98 -1.67	56.17 1.12 -1.59	59.00 1.85 -1.12	57.35 1.42 -1.22	51.17 1.17 -1.14	47.79 1.14 -1.11	43.40 1.08 -0.97	40.05 1.33 -0.59	37.95 1.20 -0.27
RIVERBAY____ 323610	44.02 3.03 -2.68	39.37 2.68 0.00	38.63 2.36 0.00	35.77 2.25 0.00	36.86 2.35 0.00	39.03 2.48 0.00	47.61 3.03 0.00	55.71 3.20 -2.47	58.47 3.16 -5.20	60.13 3.15 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.66 2.78 -6.31	56.10 2.79 -6.88	55.33 2.88 -6.82	59.60 3.05 -7.44	63.98 3.47 -7.05	65.65 4.65 -4.97	64.05 3.94 -5.40	57.28 3.37 -5.05	53.83 3.37 -4.91	48.85 3.18 -4.32	43.41 2.67 -2.62	40.07 2.41 -1.18
RIVERSIDE_115KV_TB3 55908	39.94 1.03 -0.59	37.76 1.06 0.00	37.33 1.05 0.00	34.60 1.07 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.47 0.89 0.00	51.58 1.00 -0.55	52.26 1.00 -1.15	52.56 1.00 -1.54	51.36 0.93 -1.60	48.16 0.96 -1.39	47.88 0.91 -1.39	48.79 0.84 -1.52	48.01 0.87 -1.51	51.59 0.83 -1.64	55.98 0.96 -1.56	58.81 1.68 -1.10	57.16 1.26 -1.20	51.00 1.03 -1.12	47.64 1.00 -1.09	43.26 0.95 -0.96	40.00 1.30 -0.58	37.95 1.20 -0.26
ROARING___BROOK_WT_PWR 323790	37.63 -0.69 0.00	36.11 -0.59 0.00	35.77 -0.51 0.00	33.09 -0.44 0.00	34.07 -0.45 0.00	36.11 -0.44 0.00	44.09 -0.49 0.00	49.63 -0.40 0.00	49.76 -0.35 0.00	49.57 -0.45 0.00	48.35 -0.49 0.00	45.35 -0.46 0.00	45.17 -0.41 0.00	45.96 -0.46 0.00	45.14 -0.50 0.00	48.67 -0.44 0.00	52.82 -0.64 0.00	55.03 -1.01 0.00	53.78 -0.93 0.00	47.98 -0.88 0.00	44.68 -0.87 0.00	40.44 -0.91 0.00	37.29 -0.84 0.00	35.68 -0.80 0.00

ROCHESRG_115KV_T4 355643	36.40 -1.92 0.00	34.90 -1.80 0.00	34.42 -1.85 0.00	31.75 -1.78 0.00	32.72 -1.79 0.00	34.83 -1.72 0.00	42.35 -2.23 0.00	47.08 -2.95 0.00	47.25 -2.86 0.00	47.32 -2.70 0.00	46.30 -2.54 0.00	43.06 -2.75 0.00	42.98 -2.60 0.00	44.06 -2.37 0.00	43.36 -2.28 0.00	46.86 -2.26 0.00	50.73 -2.73 0.00	53.23 -2.80 0.00	52.03 -2.68 0.00	46.32 -2.54 0.00	42.77 -2.78 0.00	39.12 -2.23 0.00	36.18 -1.94 0.00	34.95 -1.53 0.00
ROCHESTER_9_IC 23652	36.59 -1.72 0.00	35.08 -1.61 0.00	34.57 -1.70 0.00	31.92 -1.61 0.00	32.90 -1.62 0.00	35.01 -1.53 0.00	42.57 -2.01 0.00	47.43 -2.60 0.00	47.60 -2.51 0.00	47.67 -2.35 0.00	46.59 -2.25 0.00	43.38 -2.43 0.00	43.25 -2.32 0.00	44.34 -2.09 0.00	43.68 -1.96 0.00	47.15 -1.96 0.00	51.05 -2.41 0.00	53.57 -2.47 0.00	52.36 -2.35 0.00	46.61 -2.25 0.00	43.09 -2.46 0.00	39.37 -1.98 0.00	36.37 -1.75 0.00	35.13 -1.35 0.00
ROCKVIEW_13_KV_LD 356306	43.41 2.41 -2.68	38.82 2.13 0.00	38.16 1.89 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.66 2.12 0.00	47.30 2.72 0.00	55.61 3.10 -2.48	58.32 3.01 -5.21	60.04 3.05 -6.97	58.94 2.88 -7.23	54.90 2.79 -6.30	54.63 2.73 -6.31	56.10 2.79 -6.89	55.34 2.88 -6.83	59.56 3.00 -7.45	63.99 3.47 -7.06	65.55 4.54 -4.97	63.95 3.83 -5.41	57.24 3.32 -5.06	53.75 3.28 -4.92	48.61 2.94 -4.32	43.19 2.44 -2.62	39.78 2.12 -1.18
ROME____115KV_TB2 80656	39.04 0.73 0.00	37.25 0.55 0.00	36.96 0.69 0.00	34.10 0.57 0.00	35.14 0.62 0.00	37.31 0.77 0.00	45.69 1.11 0.00	51.58 1.55 0.00	51.71 1.60 0.00	51.72 1.70 0.00	50.64 1.81 0.00	47.36 1.56 0.00	47.17 1.60 0.00	48.01 1.58 0.00	47.05 1.41 0.00	50.54 1.42 0.00	55.01 1.55 0.00	57.66 1.62 0.00	56.13 1.42 0.00	50.13 1.27 0.00	46.69 1.14 0.00	42.30 0.95 0.00	38.93 0.80 0.00	37.21 0.73 0.00
ROSETON___1 23587	36.22 1.46 3.55	37.98 1.28 0.00	37.40 1.13 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.79 1.24 0.00	46.27 1.69 0.00	48.59 1.85 3.29	44.98 1.80 6.93	42.54 1.80 9.27	40.89 1.66 9.61	39.08 1.65 8.37	38.82 1.64 8.39	38.89 1.62 9.16	38.25 1.69 9.07	40.98 1.77 9.90	46.21 2.14 9.39	52.39 2.97 6.61	49.92 2.40 7.19	44.14 2.00 6.72	41.06 2.05 6.54	37.47 1.86 5.74	36.12 1.49 3.49	36.16 1.24 1.57
ROSETON___2 23588	36.22 1.46 3.55	37.98 1.28 0.00	37.40 1.13 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.79 1.24 0.00	46.27 1.69 0.00	48.59 1.85 3.29	44.98 1.80 6.93	42.54 1.80 9.27	40.89 1.66 9.61	39.08 1.65 8.37	38.82 1.64 8.39	38.89 1.62 9.16	38.25 1.69 9.07	40.98 1.77 9.90	46.21 2.14 9.39	52.39 2.97 6.61	49.92 2.40 7.19	44.14 2.00 6.72	41.06 2.05 6.54	37.47 1.86 5.74	36.12 1.49 3.49	36.16 1.24 1.57
ROTRDAM_115KV_TB3 80664	39.91 1.07 -0.52	37.72 1.03 0.00	37.29 1.02 0.00	34.47 0.94 0.00	35.48 0.97 0.00	37.57 1.02 0.00	45.83 1.25 0.00	51.91 1.40 -0.48	52.52 1.40 -1.01	52.67 1.30 -1.35	51.45 1.22 -1.40	48.21 1.19 -1.22	47.94 1.14 -1.22	48.87 1.11 -1.33	48.05 1.10 -1.32	51.78 1.23 -1.44	56.21 1.39 -1.36	58.96 1.96 -0.96	57.40 1.64 -1.05	51.21 1.37 -0.98	47.82 1.32 -0.95	43.35 1.16 -0.84	39.70 1.07 -0.51	37.66 0.95 -0.23
RUSSELL___1 23602	36.74 -1.57 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.03 -1.48 0.00	35.15 -1.39 0.00	42.75 -1.83 0.00	47.68 -2.35 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.88 -1.95 0.00	43.61 -2.20 0.00	43.48 -2.10 0.00	44.62 -1.81 0.00	43.90 -1.73 0.00	47.45 -1.67 0.00	51.37 -2.08 0.00	53.90 -2.13 0.00	52.68 -2.02 0.00	46.90 -1.95 0.00	43.32 -2.23 0.00	39.57 -1.78 0.00	36.56 -1.56 0.00	35.32 -1.17 0.00
RUSSELL___2 23532	36.74 -1.57 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.03 -1.48 0.00	35.15 -1.39 0.00	42.75 -1.83 0.00	47.68 -2.35 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.88 -1.95 0.00	43.61 -2.20 0.00	43.48 -2.10 0.00	44.62 -1.81 0.00	43.90 -1.73 0.00	47.45 -1.67 0.00	51.37 -2.08 0.00	53.90 -2.13 0.00	52.68 -2.02 0.00	46.90 -1.95 0.00	43.32 -2.23 0.00	39.57 -1.78 0.00	36.56 -1.56 0.00	35.32 -1.17 0.00
RUSSELL___3 23549	36.74 -1.57 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.03 -1.48 0.00	35.15 -1.39 0.00	42.75 -1.83 0.00	47.68 -2.35 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.88 -1.95 0.00	43.61 -2.20 0.00	43.48 -2.10 0.00	44.62 -1.81 0.00	43.90 -1.73 0.00	47.45 -1.67 0.00	51.37 -2.08 0.00	53.90 -2.13 0.00	52.68 -2.02 0.00	46.90 -1.95 0.00	43.32 -2.23 0.00	39.57 -1.78 0.00	36.56 -1.56 0.00	35.32 -1.17 0.00
RUSSELL___4 23556	36.74 -1.57 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.03 -1.48 0.00	35.15 -1.39 0.00	42.75 -1.83 0.00	47.68 -2.35 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.88 -1.95 0.00	43.61 -2.20 0.00	43.48 -2.10 0.00	44.62 -1.81 0.00	43.90 -1.73 0.00	47.45 -1.67 0.00	51.37 -2.08 0.00	53.90 -2.13 0.00	52.68 -2.02 0.00	46.90 -1.95 0.00	43.32 -2.23 0.00	39.57 -1.78 0.00	36.56 -1.56 0.00	35.32 -1.17 0.00
RUSSELL__STATION 23914	36.74 -1.57 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.03 -1.48 0.00	35.15 -1.39 0.00	42.75 -1.83 0.00	47.68 -2.35 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.88 -1.95 0.00	43.61 -2.20 0.00	43.48 -2.10 0.00	44.62 -1.81 0.00	43.90 -1.73 0.00	47.45 -1.67 0.00	51.37 -2.08 0.00	53.90 -2.13 0.00	52.68 -2.02 0.00	46.90 -1.95 0.00	43.32 -2.23 0.00	39.57 -1.78 0.00	36.56 -1.56 0.00	35.32 -1.17 0.00
S SALMON__HYD 24043	37.40 -0.92 0.00	35.71 -0.99 0.00	35.37 -0.91 0.00	32.62 -0.90 0.00	33.62 -0.90 0.00	35.67 -0.88 0.00	43.56 -1.02 0.00	49.08 -0.95 0.00	49.15 -0.95 0.00	49.21 -0.80 0.00	48.20 -0.64 0.00	45.07 -0.73 0.00	44.85 -0.73 0.00	45.68 -0.74 0.00	44.82 -0.82 0.00	48.13 -0.98 0.00	52.33 -1.13 0.00	54.85 -1.18 0.00	53.45 -1.26 0.00	47.74 -1.12 0.00	44.50 -1.05 0.00	40.44 -0.91 0.00	37.17 -0.95 0.00	35.61 -0.88 0.00
S.PERRY__115KV_TB1 80734	38.05 -0.27 0.00	36.51 -0.18 0.00	35.98 -0.29 0.00	33.16 -0.37 0.00	34.21 -0.31 0.00	36.51 -0.04 0.00	44.62 0.04 0.00	49.83 -0.20 0.00	49.81 -0.30 0.00	49.67 -0.35 0.00	48.39 -0.44 0.00	44.84 -0.96 0.00	44.76 -0.82 0.00	45.96 -0.46 0.00	45.27 -0.37 0.00	48.97 -0.15 0.00	53.24 -0.21 0.00	55.98 -0.06 0.00	54.76 0.05 0.00	48.76 -0.10 0.00	45.00 -0.55 0.00	41.10 -0.25 0.00	37.93 -0.19 0.00	36.59 0.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.13 -2.18 0.00	34.64 -2.05 0.00	34.13 -2.14 0.00	31.51 -2.01 0.00	32.52 -2.00 0.00	34.57 -1.97 0.00	41.95 -2.63 0.00	46.03 -4.00 0.00	46.30 -3.81 0.00	46.47 -3.55 0.00	45.61 -3.22 0.00	42.14 -3.66 0.00	42.11 -3.46 0.00	43.46 -2.97 0.00	42.63 -3.01 0.00	46.22 -2.90 0.00	49.87 -3.58 0.00	52.39 -3.64 0.00	51.21 -3.50 0.00	45.54 -3.32 0.00	41.81 -3.73 0.00	38.58 -2.77 0.00	35.80 -2.33 0.00	34.99 -1.50 0.00

SAWYER___23_KV_LOAD 55526	36.13 -2.18 0.00	34.64 -2.05 0.00	34.13 -2.14 0.00	31.51 -2.01 0.00	32.52 -2.00 0.00	34.57 -1.97 0.00	41.95 -2.63 0.00	46.03 -4.00 0.00	46.30 -3.81 0.00	46.47 -3.55 0.00	45.61 -3.22 0.00	42.14 -3.66 0.00	42.11 -3.46 0.00	43.46 -2.97 0.00	42.63 -3.01 0.00	46.22 -2.90 0.00	49.87 -3.58 0.00	52.39 -3.64 0.00	51.21 -3.50 0.00	45.54 -3.32 0.00	41.81 -3.73 0.00	38.58 -2.77 0.00	35.80 -2.33 0.00	34.99 -1.50 0.00
SELKIRK___I 23801	39.90 1.07 -0.51	37.80 1.10 0.00	37.40 1.13 0.00	34.60 1.07 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.61 1.03 0.00	51.56 1.05 -0.48	52.16 1.05 -1.00	52.41 1.05 -1.34	51.20 0.98 -1.39	47.98 0.96 -1.21	47.70 0.91 -1.21	48.63 0.88 -1.32	47.81 0.86 -1.31	51.43 0.88 -1.43	55.88 1.07 -1.36	58.67 1.68 -0.96	57.12 1.37 -1.04	50.91 1.07 -0.97	47.54 1.05 -0.95	43.17 0.99 -0.83	39.85 1.22 -0.50	37.84 1.13 -0.23
SELKIRK___II 23799	39.80 0.92 -0.57	37.65 0.95 0.00	37.22 0.94 0.00	34.46 0.94 0.00	35.48 0.97 0.00	37.46 0.91 0.00	45.42 0.84 0.00	51.46 0.90 -0.52	52.11 0.90 -1.10	52.39 0.90 -1.48	51.19 0.83 -1.53	47.96 0.83 -1.33	47.73 0.82 -1.34	48.67 0.79 -1.46	47.81 0.73 -1.44	51.47 0.78 -1.57	55.86 0.91 -1.49	58.60 1.51 -1.05	57.06 1.20 -1.14	50.86 0.93 -1.07	47.55 0.96 -1.04	43.18 0.91 -0.91	39.82 1.14 -0.56	37.75 1.02 -0.25
SENECA OSWGO___HYD 24041	37.17 -1.15 0.00	35.60 -1.10 0.00	35.19 -1.09 0.00	32.45 -1.07 0.00	33.45 -1.07 0.00	35.48 -1.06 0.00	43.33 -1.25 0.00	48.58 -1.45 0.00	48.65 -1.45 0.00	48.62 -1.40 0.00	47.52 -1.32 0.00	44.47 -1.33 0.00	44.25 -1.32 0.00	45.13 -1.30 0.00	44.36 -1.28 0.00	47.74 -1.37 0.00	51.96 -1.50 0.00	54.64 -1.40 0.00	53.23 -1.47 0.00	47.49 -1.37 0.00	44.23 -1.32 0.00	40.19 -1.16 0.00	36.98 -1.14 0.00	35.43 -1.06 0.00
SENECA___115KV_TB3 355854	36.82 -1.49 0.00	35.30 -1.39 0.00	34.79 -1.49 0.00	32.12 -1.41 0.00	33.17 -1.35 0.00	35.26 -1.28 0.00	42.89 -1.69 0.00	47.08 -2.95 0.00	47.40 -2.71 0.00	47.52 -2.50 0.00	46.69 -2.15 0.00	43.15 -2.66 0.00	43.12 -2.46 0.00	44.48 -1.95 0.00	43.63 -2.01 0.00	47.30 -1.82 0.00	51.05 -2.41 0.00	53.62 -2.41 0.00	52.41 -2.30 0.00	46.61 -2.25 0.00	42.82 -2.73 0.00	39.45 -1.90 0.00	36.60 -1.53 0.00	35.75 -0.73 0.00
SENECA___ENERGY 23797	37.55 -0.77 0.00	35.92 -0.77 0.00	35.48 -0.80 0.00	32.72 -0.80 0.00	33.76 -0.76 0.00	35.89 -0.66 0.00	43.91 -0.67 0.00	49.03 -1.00 0.00	49.10 -1.00 0.00	49.02 -1.00 0.00	47.86 -0.98 0.00	44.80 -1.01 0.00	44.58 -1.00 0.00	45.45 -0.98 0.00	44.82 -0.82 0.00	48.18 -0.93 0.00	52.39 -1.07 0.00	55.14 -0.90 0.00	53.78 -0.93 0.00	47.88 -0.98 0.00	44.55 -1.00 0.00	40.57 -0.79 0.00	37.32 -0.80 0.00	35.86 -0.62 0.00
SHOEMAKER___GT 23640	36.09 1.38 3.60	37.94 1.25 0.00	37.36 1.09 0.00	34.53 1.00 0.00	35.59 1.07 0.00	37.75 1.20 0.00	46.23 1.65 0.00	48.64 1.80 3.19	45.14 1.75 6.72	42.72 1.70 9.00	41.12 1.61 9.32	39.28 1.60 8.12	38.98 1.55 8.14	39.12 1.58 8.89	38.47 1.64 8.80	41.23 1.72 9.60	46.43 2.08 9.11	52.53 2.91 6.41	50.08 2.35 6.98	44.29 1.96 6.52	41.21 2.00 6.34	37.56 1.78 5.57	36.19 1.45 3.38	36.17 1.20 1.52
SHOEMAKR_138KV_BK 111 55601	36.20 1.42 3.54	37.94 1.25 0.00	37.36 1.09 0.00	34.53 1.01 0.00	35.59 1.07 0.00	37.75 1.21 0.00	46.23 1.65 0.00	48.68 1.80 3.15	45.23 1.75 6.63	42.84 1.70 8.88	41.24 1.61 9.20	39.39 1.60 8.02	39.09 1.55 8.04	39.23 1.58 8.77	38.59 1.64 8.69	41.35 1.72 9.48	46.55 2.08 8.99	52.62 2.91 6.33	50.12 2.30 6.89	44.37 1.95 6.44	41.29 2.00 6.26	37.63 1.78 5.50	36.24 1.45 3.34	36.15 1.17 1.50
SHOREHAM_IC_1 23715	44.82 3.83 -2.68	40.03 3.34 0.00	39.14 2.86 0.00	36.24 2.71 0.00	37.49 2.97 0.00	39.69 3.14 0.00	48.46 3.88 0.00	57.61 5.11 -2.47	59.71 4.41 -5.19	60.97 4.00 -6.95	60.39 4.34 -7.21	56.53 4.44 -6.28	56.11 4.24 -6.29	57.76 4.46 -6.87	57.28 4.84 -6.80	61.89 5.35 -7.42	66.96 6.47 -7.04	68.45 7.45 -4.96	66.39 6.29 -5.39	59.23 5.33 -5.04	55.28 4.83 -4.90	49.55 3.89 -4.31	43.98 3.24 -2.62	40.80 3.14 -1.18
SHOREHAM_IC_2 23716	44.82 3.83 -2.68	40.03 3.34 0.00	39.14 2.86 0.00	36.24 2.71 0.00	37.49 2.97 0.00	39.69 3.14 0.00	48.46 3.88 0.00	57.61 5.11 -2.47	59.71 4.41 -5.19	60.97 4.00 -6.95	60.39 4.34 -7.21	56.53 4.44 -6.28	56.11 4.24 -6.29	57.76 4.46 -6.87	57.28 4.84 -6.80	61.89 5.35 -7.42	66.96 6.47 -7.04	68.45 7.45 -4.96	66.39 6.29 -5.39	59.23 5.33 -5.04	55.28 4.83 -4.90	49.55 3.89 -4.31	43.98 3.24 -2.62	40.80 3.14 -1.18
SISSONVILLE____ 23735	37.47 -0.84 0.00	35.63 -1.06 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.08 0.27 0.00	45.85 0.27 0.00	46.61 0.19 0.00	44.50 -1.14 0.00	47.35 -1.77 0.00	50.94 -2.51 0.00	52.50 -3.53 0.00	51.59 -3.12 0.00	46.17 -2.69 0.00	42.91 -2.64 0.00	38.95 -2.40 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
SITHE_IND_GS1 24169	36.74 -1.57 0.00	35.19 -1.51 0.00	34.79 -1.49 0.00	32.12 -1.41 0.00	33.10 -1.42 0.00	35.08 -1.46 0.00	42.80 -1.78 0.00	47.98 -2.05 0.00	48.05 -2.06 0.00	48.01 -2.00 0.00	46.88 -1.95 0.00	43.92 -1.88 0.00	43.71 -1.87 0.00	44.57 -1.86 0.00	43.81 -1.83 0.00	47.15 -1.97 0.00	51.32 -2.14 0.00	53.90 -2.13 0.00	52.57 -2.13 0.00	46.90 -1.96 0.00	43.68 -1.87 0.00	39.70 -1.66 0.00	36.56 -1.56 0.00	35.02 -1.46 0.00
SITHE_IND_GS2 24170	36.74 -1.57 0.00	35.19 -1.51 0.00	34.79 -1.49 0.00	32.12 -1.41 0.00	33.10 -1.42 0.00	35.08 -1.46 0.00	42.80 -1.78 0.00	47.98 -2.05 0.00	48.05 -2.06 0.00	48.01 -2.00 0.00	46.88 -1.95 0.00	43.92 -1.88 0.00	43.71 -1.87 0.00	44.57 -1.86 0.00	43.81 -1.83 0.00	47.15 -1.97 0.00	51.32 -2.14 0.00	53.90 -2.13 0.00	52.57 -2.13 0.00	46.90 -1.96 0.00	43.68 -1.87 0.00	39.70 -1.66 0.00	36.56 -1.56 0.00	35.02 -1.46 0.00
SITHE_IND_GS3 24171	36.74 -1.57 0.00	35.19 -1.51 0.00	34.79 -1.49 0.00	32.12 -1.41 0.00	33.10 -1.42 0.00	35.08 -1.46 0.00	42.80 -1.78 0.00	47.98 -2.05 0.00	48.05 -2.06 0.00	48.01 -2.00 0.00	46.88 -1.95 0.00	43.92 -1.88 0.00	43.71 -1.87 0.00	44.57 -1.86 0.00	43.81 -1.83 0.00	47.15 -1.97 0.00	51.32 -2.14 0.00	53.90 -2.13 0.00	52.57 -2.13 0.00	46.90 -1.96 0.00	43.68 -1.87 0.00	39.70 -1.66 0.00	36.56 -1.56 0.00	35.02 -1.46 0.00
SITHE_IND_GS4 24172	36.74 -1.57 0.00	35.19 -1.51 0.00	34.79 -1.49 0.00	32.12 -1.41 0.00	33.10 -1.42 0.00	35.08 -1.46 0.00	42.80 -1.78 0.00	47.98 -2.05 0.00	48.05 -2.06 0.00	48.01 -2.00 0.00	46.88 -1.95 0.00	43.92 -1.88 0.00	43.71 -1.87 0.00	44.57 -1.86 0.00	43.81 -1.83 0.00	47.15 -1.97 0.00	51.32 -2.14 0.00	53.90 -2.13 0.00	52.57 -2.13 0.00	46.90 -1.96 0.00	43.68 -1.87 0.00	39.70 -1.66 0.00	36.56 -1.56 0.00	35.02 -1.46 0.00

SITHE___BATAVIA 24024	37.01 -1.30 0.00	35.41 -1.29 0.00	34.86 -1.42 0.00	32.18 -1.34 0.00	33.17 -1.35 0.00	35.37 -1.17 0.00	42.98 -1.60 0.00	47.63 -2.40 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.93 -1.91 0.00	43.52 -2.29 0.00	43.44 -2.14 0.00	44.66 -1.76 0.00	44.18 -1.46 0.00	47.64 -1.47 0.00	51.48 -1.98 0.00	54.02 -2.01 0.00	52.91 -1.80 0.00	47.00 -1.86 0.00	43.23 -2.32 0.00	39.62 -1.74 0.00	36.72 -1.41 0.00	35.68 -0.80 0.00
SITHE___INDEPEND 23800	36.74 -1.57 0.00	35.19 -1.50 0.00	34.79 -1.49 0.00	32.12 -1.41 0.00	33.10 -1.42 0.00	35.08 -1.46 0.00	42.80 -1.78 0.00	47.98 -2.05 0.00	48.05 -2.05 0.00	48.02 -2.00 0.00	46.88 -1.95 0.00	43.93 -1.88 0.00	43.71 -1.87 0.00	44.57 -1.86 0.00	43.81 -1.83 0.00	47.15 -1.96 0.00	51.32 -2.14 0.00	53.90 -2.13 0.00	52.58 -2.13 0.00	46.90 -1.95 0.00	43.68 -1.87 0.00	39.70 -1.65 0.00	36.56 -1.56 0.00	35.03 -1.46 0.00
SITHE___MASSENA 23902	38.59 0.27 0.00	36.95 0.26 0.00	36.53 0.26 0.00	33.79 0.27 0.00	34.69 0.17 0.00	36.76 0.22 0.00	44.89 0.31 0.00	50.58 0.55 0.00	50.56 0.45 0.00	50.42 0.40 0.00	49.32 0.49 0.00	46.26 0.46 0.00	46.08 0.50 0.00	46.94 0.51 0.00	46.05 0.41 0.00	49.71 0.59 0.00	53.99 0.53 0.00	55.81 -0.22 0.00	54.93 0.22 0.00	49.20 0.34 0.00	45.82 0.27 0.00	41.52 0.17 0.00	38.28 0.15 0.00	36.74 0.26 0.00
SITHE___OGDNSBRG 24021	38.51 0.19 0.00	36.55 -0.15 0.00	36.49 0.22 0.00	33.63 0.10 0.00	34.07 -0.45 0.00	35.63 -0.91 0.00	43.60 -0.98 0.00	50.43 0.40 0.00	50.36 0.25 0.00	50.82 0.80 0.00	50.98 2.15 0.00	47.55 1.74 0.00	47.26 1.69 0.00	48.10 1.67 0.00	45.96 0.32 0.00	48.92 -0.20 0.00	52.92 -0.53 0.00	54.47 -1.57 0.00	53.40 -1.31 0.00	47.88 -0.98 0.00	44.45 -1.09 0.00	40.24 -1.12 0.00	37.29 -0.84 0.00	36.34 -0.15 0.00
SITHE___STERLING 23777	38.89 0.58 0.00	37.17 0.48 0.00	36.82 0.54 0.00	33.96 0.43 0.00	35.04 0.52 0.00	37.20 0.66 0.00	45.52 0.94 0.00	51.23 1.20 0.00	51.36 1.25 0.00	51.32 1.30 0.00	50.15 1.32 0.00	46.95 1.15 0.00	46.76 1.18 0.00	47.59 1.16 0.00	46.73 1.09 0.00	50.25 1.13 0.00	54.63 1.17 0.00	57.38 1.34 0.00	55.86 1.15 0.00	49.84 0.98 0.00	46.41 0.86 0.00	42.10 0.75 0.00	38.73 0.61 0.00	37.07 0.58 0.00
SLEIGHT__34_KV_TB1 80719	36.86 -1.46 0.00	35.34 -1.36 0.00	34.86 -1.41 0.00	32.15 -1.37 0.00	33.14 -1.38 0.00	35.26 -1.28 0.00	43.02 -1.56 0.00	48.13 -1.90 0.00	48.25 -1.85 0.00	48.27 -1.75 0.00	47.17 -1.66 0.00	44.02 -1.73 0.00	43.85 -1.58 0.00	44.85 -1.51 0.00	44.13 -1.51 0.00	47.59 -1.52 0.00	51.64 -1.82 0.00	54.24 -1.79 0.00	52.90 -1.81 0.00	47.10 -1.76 0.00	43.68 -1.87 0.00	39.82 -1.53 0.00	36.68 -1.45 0.00	35.28 -1.20 0.00
SOUTH CAIRO___GT 23612	40.92 2.26 -0.34	38.93 2.24 0.00	38.45 2.18 0.00	35.50 1.98 0.00	36.59 2.07 0.00	38.77 2.23 0.00	47.17 2.59 0.00	53.15 2.80 -0.32	53.43 2.66 -0.67	53.21 2.30 -0.90	51.86 2.10 -0.93	48.58 1.97 -0.81	48.26 1.87 -0.81	49.31 2.00 -0.89	48.52 2.01 -0.88	52.48 2.41 -0.96	57.30 2.94 -0.91	60.48 3.81 -0.64	58.69 3.28 -0.70	52.10 2.59 -0.65	48.64 2.46 -0.63	44.02 2.11 -0.56	40.90 2.44 -0.34	38.83 2.19 -0.15
SOUTH HAMPTN___IC 23720	44.94 3.95 -2.68	40.22 3.52 0.00	39.28 3.01 0.00	36.44 2.92 0.00	37.73 3.21 0.00	39.94 3.40 0.00	48.86 4.28 0.00	58.15 5.65 -2.47	60.21 4.91 -5.19	61.52 4.55 -6.95	60.97 4.93 -7.21	57.08 4.99 -6.28	56.66 4.78 -6.29	58.27 4.97 -6.87	57.78 5.34 -6.80	62.38 5.84 -7.42	67.50 7.00 -7.04	68.95 7.95 -4.96	66.83 6.73 -5.39	59.57 5.67 -5.04	55.55 5.10 -4.90	49.76 4.09 -4.31	44.06 3.32 -2.62	40.91 3.25 -1.18
SOUTHDOW_115KV_TB1 355954	38.32 0.00 0.00	36.70 0.00 0.00	36.13 -0.15 0.00	33.39 -0.13 0.00	34.59 0.07 0.00	37.02 0.48 0.00	45.47 0.89 0.00	50.23 0.20 0.00	50.56 0.45 0.00	50.57 0.55 0.00	49.76 0.93 0.00	45.90 0.09 0.00	45.85 0.27 0.00	47.40 0.98 0.00	46.41 0.78 0.00	50.20 1.08 0.00	53.78 0.32 0.00	56.71 0.67 0.00	55.42 0.71 0.00	49.20 0.34 0.00	45.14 -0.41 0.00	41.52 0.17 0.00	38.43 0.31 0.00	37.43 0.95 0.00
SOUTHOLD_69_KV_BK 2 55809	45.05 4.06 -2.68	40.33 3.63 0.00	39.47 3.19 0.00	36.64 3.12 0.00	38.04 3.52 0.00	40.31 3.76 0.00	49.35 4.77 0.00	58.85 6.35 -2.47	60.96 5.66 -5.19	62.27 5.30 -6.95	61.75 5.71 -7.21	57.86 5.77 -6.28	57.34 5.47 -6.29	58.96 5.66 -6.87	58.47 6.02 -6.80	63.12 6.58 -7.42	68.30 7.80 -7.04	69.73 8.74 -4.96	67.32 7.22 -5.39	60.01 6.11 -5.04	55.96 5.51 -4.90	49.80 4.14 -4.31	44.10 3.36 -2.62	40.91 3.25 -1.18
SOUTHOLD___IC 23719	44.98 3.98 -2.68	40.33 3.63 0.00	39.47 3.19 0.00	36.64 3.12 0.00	38.04 3.52 0.00	40.31 3.76 0.00	49.35 4.77 0.00	58.86 6.35 -2.47	60.96 5.66 -5.19	62.27 5.30 -6.95	61.75 5.71 -7.21	57.86 5.77 -6.28	57.34 5.47 -6.29	58.96 5.66 -6.87	58.47 6.02 -6.80	63.12 6.58 -7.42	68.30 7.80 -7.04	69.73 8.74 -4.96	67.44 7.33 -5.39	60.01 6.11 -5.04	55.87 5.42 -4.90	49.88 4.22 -4.31	44.10 3.36 -2.62	40.91 3.25 -1.18
SOUTH_FORK_WT_PWR 323839	44.63 3.64 -2.68	40.11 3.41 0.00	39.28 3.01 0.00	36.51 2.98 0.00	37.97 3.45 0.00	40.23 3.69 0.00	49.30 4.72 0.00	58.86 6.35 -2.47	61.01 5.71 -5.19	62.27 5.30 -6.95	61.80 5.76 -7.21	57.90 5.82 -6.28	57.39 5.51 -6.29	59.01 5.71 -6.87	58.47 6.02 -6.80	63.07 6.53 -7.42	68.25 7.75 -7.04	69.57 8.57 -4.96	67.21 7.11 -5.39	59.76 5.86 -5.04	55.60 5.15 -4.90	49.59 3.93 -4.31	43.75 3.01 -2.62	40.61 2.95 -1.18
SPIERFLS_115KV_TB 1 80737	40.80 1.92 -0.56	38.53 1.83 0.00	37.87 1.60 0.00	34.93 1.41 0.00	36.00 1.48 0.00	38.30 1.75 0.00	46.72 2.14 0.00	53.10 2.55 -0.52	53.91 2.71 -1.10	53.99 2.50 -1.47	52.85 2.49 -1.52	49.51 2.38 -1.33	49.09 2.19 -1.33	49.92 2.04 -1.45	49.04 1.96 -1.44	52.84 2.16 -1.57	57.40 2.46 -1.49	60.50 3.42 -1.05	58.80 2.95 -1.14	52.32 2.39 -1.07	48.68 2.10 -1.04	44.04 1.78 -0.91	40.32 1.64 -0.55	38.30 1.57 -0.25
ST LAWRENCE____ 23600	38.28 -0.04 0.00	36.66 -0.04 0.00	36.27 0.00 0.00	33.53 0.00 0.00	34.45 -0.07 0.00	36.51 -0.04 0.00	44.54 -0.04 0.00	50.13 0.10 0.00	50.16 0.05 0.00	50.02 0.00 0.00	48.88 0.05 0.00	45.85 0.05 0.00	45.67 0.09 0.00	46.52 0.09 0.00	45.68 0.05 0.00	49.26 0.15 0.00	53.51 0.05 0.00	55.36 -0.67 0.00	54.44 -0.27 0.00	48.76 -0.10 0.00	45.46 -0.09 0.00	41.19 -0.16 0.00	38.01 -0.11 0.00	36.45 -0.04 0.00
STATE_CA_115KV_115_LB 55624	39.97 1.07 -0.58	37.76 1.06 0.00	37.33 1.05 0.00	34.60 1.07 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.47 0.89 0.00	51.52 0.95 -0.53	52.23 1.00 -1.12	52.52 1.00 -1.50	51.32 0.93 -1.56	48.17 1.01 -1.36	47.85 0.91 -1.36	48.75 0.84 -1.48	47.97 0.87 -1.47	51.55 0.83 -1.60	55.94 0.96 -1.52	58.79 1.68 -1.07	57.13 1.26 -1.17	50.93 0.98 -1.09	47.56 0.96 -1.06	43.24 0.95 -0.93	40.06 1.37 -0.57	37.98 1.24 -0.25

STATE_ST_34_KV_LOAD 55959	37.89 -0.42 0.00	36.29 -0.40 0.00	35.88 -0.40 0.00	33.09 -0.44 0.00	34.10 -0.41 0.00	36.21 -0.33 0.00	44.36 -0.22 0.00	49.68 -0.35 0.00	49.76 -0.35 0.00	49.72 -0.30 0.00	48.59 -0.24 0.00	45.44 -0.37 0.00	45.21 -0.36 0.00	46.15 -0.28 0.00	45.32 -0.32 0.00	48.77 -0.34 0.00	53.03 -0.43 0.00	55.92 -0.11 0.00	54.44 -0.27 0.00	48.52 -0.34 0.00	45.14 -0.41 0.00	41.02 -0.33 0.00	37.74 -0.38 0.00	36.16 -0.33 0.00
STATION 5_MISC_HYD 23604	36.67 -1.65 0.00	35.08 -1.61 0.00	34.57 -1.70 0.00	31.92 -1.61 0.00	32.90 -1.62 0.00	35.01 -1.53 0.00	42.57 -2.01 0.00	47.43 -2.60 0.00	47.60 -2.50 0.00	47.67 -2.35 0.00	46.59 -2.25 0.00	43.42 -2.38 0.00	43.26 -2.32 0.00	44.34 -2.09 0.00	43.81 -1.83 0.00	47.15 -1.97 0.00	51.05 -2.40 0.00	53.57 -2.46 0.00	52.41 -2.30 0.00	46.61 -2.25 0.00	43.09 -2.46 0.00	39.33 -2.03 0.00	36.37 -1.75 0.00	35.14 -1.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.28 -1.03 0.00	35.74 -0.95 0.00	35.26 -1.02 0.00	32.52 -1.01 0.00	33.52 -1.00 0.00	35.70 -0.84 0.00	43.55 -1.03 0.00	48.68 -1.35 0.00	48.75 -1.35 0.00	48.77 -1.25 0.00	47.66 -1.17 0.00	44.43 -1.37 0.00	44.30 -1.28 0.00	45.31 -1.11 0.00	44.59 -1.05 0.00	48.13 -0.98 0.00	52.17 -1.28 0.00	54.80 -1.23 0.00	53.51 -1.20 0.00	47.64 -1.22 0.00	44.18 -1.37 0.00	40.28 -1.08 0.00	37.10 -1.03 0.00	35.72 -0.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.44 -1.88 0.00	34.93 -1.76 0.00	34.46 -1.81 0.00	31.78 -1.74 0.00	32.76 -1.76 0.00	34.86 -1.68 0.00	42.44 -2.14 0.00	47.28 -2.75 0.00	47.45 -2.66 0.00	47.52 -2.50 0.00	46.44 -2.39 0.00	43.24 -2.57 0.00	43.16 -2.42 0.00	44.20 -2.23 0.00	43.54 -2.10 0.00	47.00 -2.11 0.00	50.89 -2.57 0.00	53.40 -2.63 0.00	52.19 -2.52 0.00	46.46 -2.39 0.00	42.95 -2.60 0.00	39.24 -2.11 0.00	36.26 -1.87 0.00	34.99 -1.50 0.00
STA_56___34_KV_BUS2 355983	36.44 -1.88 0.00	34.93 -1.76 0.00	34.46 -1.81 0.00	31.78 -1.74 0.00	32.76 -1.76 0.00	34.86 -1.68 0.00	42.44 -2.14 0.00	47.28 -2.75 0.00	47.45 -2.66 0.00	47.52 -2.50 0.00	46.44 -2.39 0.00	43.24 -2.57 0.00	43.16 -2.42 0.00	44.20 -2.23 0.00	43.54 -2.10 0.00	47.00 -2.11 0.00	50.89 -2.57 0.00	53.40 -2.63 0.00	52.19 -2.52 0.00	46.46 -2.39 0.00	42.95 -2.60 0.00	39.24 -2.11 0.00	36.26 -1.87 0.00	34.99 -1.50 0.00
STA_67___115KV_BK2 355882	36.51 -1.80 0.00	35.01 -1.69 0.00	34.53 -1.74 0.00	31.85 -1.68 0.00	32.83 -1.69 0.00	34.94 -1.61 0.00	42.48 -2.10 0.00	47.28 -2.75 0.00	47.45 -2.66 0.00	47.52 -2.50 0.00	46.49 -2.34 0.00	43.24 -2.57 0.00	43.12 -2.46 0.00	44.20 -2.23 0.00	43.54 -2.10 0.00	47.05 -2.06 0.00	50.94 -2.51 0.00	53.46 -2.58 0.00	52.25 -2.46 0.00	46.51 -2.35 0.00	42.95 -2.60 0.00	39.28 -2.07 0.00	36.30 -1.83 0.00	35.06 -1.42 0.00
STA_7___115KV_9TRANS 80674	36.74 -1.57 0.00	35.23 -1.47 0.00	34.71 -1.56 0.00	32.05 -1.48 0.00	33.03 -1.48 0.00	35.15 -1.39 0.00	42.75 -1.83 0.00	47.68 -2.35 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.88 -1.95 0.00	43.61 -2.20 0.00	43.48 -2.10 0.00	44.62 -1.81 0.00	43.90 -1.73 0.00	47.45 -1.67 0.00	51.37 -2.08 0.00	53.90 -2.13 0.00	52.68 -2.02 0.00	46.90 -1.95 0.00	43.32 -2.23 0.00	39.57 -1.78 0.00	36.56 -1.56 0.00	35.32 -1.17 0.00
STA_82___115KV_TB1 80780	36.51 -1.80 0.00	35.01 -1.69 0.00	34.53 -1.74 0.00	31.85 -1.68 0.00	32.83 -1.69 0.00	34.94 -1.61 0.00	42.48 -2.10 0.00	47.33 -2.70 0.00	47.50 -2.61 0.00	47.52 -2.50 0.00	46.49 -2.34 0.00	43.24 -2.57 0.00	43.16 -2.42 0.00	44.25 -2.18 0.00	43.54 -2.10 0.00	47.05 -2.06 0.00	50.94 -2.51 0.00	53.46 -2.58 0.00	52.25 -2.46 0.00	46.51 -2.35 0.00	42.95 -2.60 0.00	39.28 -2.07 0.00	36.30 -1.83 0.00	35.10 -1.39 0.00
STEEL___WIND 323596	36.90 -1.42 0.00	35.26 -1.43 0.00	34.75 -1.52 0.00	32.09 -1.44 0.00	33.14 -1.38 0.00	35.23 -1.31 0.00	42.84 -1.74 0.00	47.08 -2.95 0.00	47.35 -2.76 0.00	47.47 -2.55 0.00	46.64 -2.20 0.00	43.20 -2.61 0.00	43.07 -2.51 0.00	44.43 -2.00 0.00	43.76 -1.87 0.00	47.25 -1.87 0.00	51.00 -2.46 0.00	53.57 -2.46 0.00	52.41 -2.30 0.00	46.56 -2.30 0.00	42.77 -2.78 0.00	39.37 -1.98 0.00	36.56 -1.56 0.00	35.72 -0.77 0.00
STEPHTWN_115KV_BK_2 55603	40.28 1.38 -0.59	38.09 1.39 0.00	37.65 1.38 0.00	34.83 1.31 0.00	35.90 1.38 0.00	37.93 1.39 0.00	45.92 1.34 0.00	52.07 1.50 -0.54	52.85 1.60 -1.14	53.09 1.55 -1.52	51.88 1.47 -1.58	48.65 1.47 -1.38	48.32 1.37 -1.38	49.23 1.30 -1.50	48.41 1.28 -1.49	52.07 1.33 -1.63	56.55 1.55 -1.54	59.47 2.35 -1.09	57.81 1.91 -1.18	51.53 1.56 -1.11	48.08 1.46 -1.07	43.66 1.36 -0.94	40.41 1.72 -0.57	38.27 1.53 -0.26
STEUBEN_REC_LFGE 323667	37.97 -0.34 0.00	36.40 -0.29 0.00	36.02 -0.25 0.00	33.19 -0.34 0.00	34.31 -0.21 0.00	36.54 0.00 0.00	44.85 0.27 0.00	49.68 -0.35 0.00	49.76 -0.35 0.00	49.52 -0.50 0.00	48.35 -0.49 0.00	44.66 -1.15 0.00	44.58 -1.00 0.00	45.73 -0.70 0.00	44.91 -0.73 0.00	48.53 -0.59 0.00	52.65 -0.80 0.00	55.47 -0.56 0.00	54.16 -0.55 0.00	48.17 -0.68 0.00	44.64 -0.91 0.00	40.98 -0.37 0.00	37.86 -0.27 0.00	36.70 0.22 0.00
STILLWATER___SOLAR 323814	41.04 2.14 -0.58	38.71 2.02 0.00	38.20 1.92 0.00	35.27 1.74 0.00	36.31 1.79 0.00	38.55 2.01 0.00	46.99 2.41 0.00	53.37 2.80 -0.54	54.09 2.85 -1.13	54.28 2.75 -1.52	53.04 2.64 -1.57	49.69 2.52 -1.37	49.36 2.41 -1.37	50.25 2.32 -1.50	49.36 2.24 -1.48	53.19 2.45 -1.62	57.77 2.78 -1.54	60.81 3.70 -1.08	59.17 3.28 -1.18	52.64 2.69 -1.10	49.08 2.46 -1.07	44.44 2.15 -0.94	40.68 1.98 -0.57	38.60 1.86 -0.26
STONY___BROOK 24151	44.67 3.68 -2.68	39.89 3.19 0.00	39.00 2.72 0.00	36.11 2.58 0.00	37.31 2.79 0.00	39.50 2.96 0.00	48.24 3.66 0.00	57.26 4.76 -2.47	59.11 3.81 -5.19	60.42 3.45 -6.95	59.80 3.76 -7.21	55.98 3.89 -6.28	55.84 3.96 -6.29	57.48 4.18 -6.87	56.96 4.52 -6.80	61.55 5.01 -7.42	66.54 6.04 -7.04	68.05 7.06 -4.96	66.07 5.96 -5.39	58.94 5.03 -5.04	55.10 4.65 -4.90	49.42 3.76 -4.31	43.87 3.13 -2.62	40.69 3.03 -1.18
STURGEON_POOL_HYD 23609	40.81 2.80 0.30	39.19 2.50 0.00	38.52 2.25 0.00	35.57 2.05 0.00	36.69 2.17 0.00	39.06 2.52 0.00	48.01 3.43 0.00	53.61 3.85 0.27	53.24 3.71 0.57	52.85 3.60 0.76	51.41 3.37 0.79	48.37 3.25 0.69	48.03 3.14 0.69	48.88 3.20 0.75	48.18 3.29 0.75	51.88 3.59 0.82	56.90 4.22 0.77	60.81 5.32 0.54	58.55 4.43 0.59	52.12 3.81 0.55	48.84 3.83 0.54	44.19 3.31 0.47	40.58 2.75 0.29	38.69 2.34 0.13
ST_LAW_115_BK7_LBMP 345037	38.28 -0.04 0.00	36.66 -0.04 0.00	36.27 0.00 0.00	33.53 0.00 0.00	34.45 -0.07 0.00	36.47 -0.07 0.00	44.54 -0.04 0.00	50.13 0.10 0.00	50.16 0.05 0.00	50.02 0.00 0.00	48.88 0.05 0.00	45.85 0.05 0.00	45.67 0.09 0.00	46.52 0.09 0.00	45.68 0.05 0.00	49.26 0.15 0.00	53.51 0.05 0.00	55.36 -0.67 0.00	54.44 -0.27 0.00	48.76 -0.10 0.00	45.46 -0.09 0.00	41.19 -0.16 0.00	37.97 -0.15 0.00	36.45 -0.04 0.00

ST_LAW_115_BK8_LBMP 345038	38.28 -0.04 0.00	36.66 -0.04 0.00	36.27 0.00 0.00	33.53 0.00 0.00	34.45 -0.07 0.00	36.47 -0.07 0.00	44.54 -0.04 0.00	50.13 0.10 0.00	50.16 0.05 0.00	50.02 0.00 0.00	48.88 0.05 0.00	45.85 0.05 0.00	45.67 0.09 0.00	46.52 0.09 0.00	45.68 0.05 0.00	49.26 0.15 0.00	53.51 0.05 0.00	55.36 -0.67 0.00	54.44 -0.27 0.00	48.76 -0.10 0.00	45.46 -0.09 0.00	41.19 -0.16 0.00	37.97 -0.15 0.00	36.45 -0.04 0.00
ST_LAW_230_BK5_LBMP 345035	38.28 -0.04 0.00	36.66 -0.04 0.00	36.27 0.00 0.00	33.53 0.00 0.00	34.45 -0.07 0.00	36.51 -0.04 0.00	44.54 -0.04 0.00	50.13 0.10 0.00	50.16 0.05 0.00	50.02 0.00 0.00	48.88 0.05 0.00	45.85 0.05 0.00	45.67 0.09 0.00	46.52 0.09 0.00	45.68 0.05 0.00	49.26 0.15 0.00	53.51 0.05 0.00	55.36 -0.67 0.00	54.44 -0.27 0.00	48.76 -0.10 0.00	45.46 -0.09 0.00	41.19 -0.16 0.00	38.01 -0.11 0.00	36.45 -0.04 0.00
ST_LAW_230_BK6_LBMP 345036	38.28 -0.04 0.00	36.66 -0.04 0.00	36.27 0.00 0.00	33.53 0.00 0.00	34.45 -0.07 0.00	36.51 -0.04 0.00	44.54 -0.04 0.00	50.13 0.10 0.00	50.16 0.05 0.00	50.02 0.00 0.00	48.88 0.05 0.00	45.85 0.05 0.00	45.67 0.09 0.00	46.52 0.09 0.00	45.68 0.05 0.00	49.26 0.15 0.00	53.51 0.05 0.00	55.36 -0.67 0.00	54.44 -0.27 0.00	48.76 -0.10 0.00	45.46 -0.09 0.00	41.19 -0.16 0.00	38.01 -0.11 0.00	36.45 -0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.11 1.61 3.81	38.09 1.39 0.00	37.47 1.20 0.00	34.67 1.14 0.00	35.73 1.21 0.00	37.89 1.35 0.00	46.41 1.83 0.00	48.75 2.05 3.33	45.05 1.95 7.01	42.58 1.95 9.39	40.96 1.86 9.73	39.16 1.83 8.48	38.86 1.78 8.50	38.97 1.81 9.27	38.32 1.87 9.18	41.06 1.96 10.02	46.25 2.30 9.51	52.54 3.19 6.69	50.00 2.57 7.28	44.25 2.20 6.80	41.16 2.23 6.62	37.52 1.98 5.82	36.20 1.60 3.53	36.25 1.35 1.59
SWANROAD_115KV_TB1 355699	35.14 -3.18 0.00	33.69 -3.01 0.00	33.23 -3.05 0.00	30.64 -2.88 0.00	31.65 -2.86 0.00	33.62 -2.92 0.00	40.70 -3.88 0.00	44.58 -5.45 0.00	44.90 -5.21 0.00	45.07 -4.95 0.00	44.20 -4.64 0.00	40.81 -4.99 0.00	40.79 -4.79 0.00	42.11 -4.32 0.00	41.30 -4.34 0.00	44.84 -4.27 0.00	48.38 -5.08 0.00	50.77 -5.27 0.00	49.57 -5.14 0.00	44.12 -4.74 0.00	40.49 -5.06 0.00	37.38 -3.97 0.00	34.77 -3.36 0.00	34.04 -2.44 0.00
SYNERGY___BIOGAS 323694	37.01 -1.30 0.00	35.41 -1.29 0.00	34.86 -1.42 0.00	32.18 -1.34 0.00	33.17 -1.35 0.00	35.37 -1.17 0.00	42.98 -1.60 0.00	47.63 -2.40 0.00	47.85 -2.25 0.00	47.92 -2.10 0.00	46.93 -1.91 0.00	43.52 -2.29 0.00	43.44 -2.14 0.00	44.66 -1.76 0.00	44.18 -1.46 0.00	47.64 -1.47 0.00	51.48 -1.98 0.00	54.02 -2.01 0.00	52.91 -1.80 0.00	47.00 -1.86 0.00	43.23 -2.32 0.00	39.62 -1.74 0.00	36.72 -1.41 0.00	35.68 -0.80 0.00
SYRACUSE___ENERGY_ST1 323597	37.74 -0.57 0.00	36.14 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	35.99 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.12 -0.69 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.42 -0.62 0.00	54.00 -0.71 0.00	48.17 -0.68 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00
SYRACUSE___ENERGY_ST2 323598	37.74 -0.57 0.00	36.14 -0.55 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	33.97 -0.55 0.00	35.99 -0.55 0.00	44.00 -0.58 0.00	49.33 -0.70 0.00	49.40 -0.70 0.00	49.32 -0.70 0.00	48.20 -0.63 0.00	45.12 -0.69 0.00	44.89 -0.68 0.00	45.78 -0.65 0.00	45.00 -0.64 0.00	48.48 -0.64 0.00	52.71 -0.75 0.00	55.42 -0.62 0.00	54.00 -0.71 0.00	48.17 -0.68 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.55 -0.57 0.00	35.97 -0.51 0.00
SYRACUSE___POWER 24017	37.70 -0.61 0.00	36.11 -0.59 0.00	35.66 -0.62 0.00	32.92 -0.60 0.00	33.93 -0.59 0.00	35.96 -0.58 0.00	43.96 -0.62 0.00	49.28 -0.75 0.00	49.30 -0.80 0.00	49.27 -0.75 0.00	48.15 -0.68 0.00	45.07 -0.73 0.00	44.85 -0.73 0.00	45.73 -0.70 0.00	44.95 -0.68 0.00	48.43 -0.69 0.00	52.65 -0.80 0.00	55.42 -0.62 0.00	53.94 -0.77 0.00	48.13 -0.73 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.52 -0.61 0.00	35.94 -0.55 0.00
TALLMAN___138KV_BK151 55660	35.72 1.80 4.40	38.24 1.54 0.00	37.62 1.34 0.00	34.80 1.27 0.00	35.86 1.35 0.00	38.08 1.53 0.00	46.63 2.05 0.00	48.09 2.30 4.24	43.39 2.20 8.92	40.28 2.20 11.94	38.51 2.05 12.38	37.08 2.06 10.78	36.77 2.01 10.81	36.63 2.00 11.80	36.05 2.10 11.69	38.53 2.16 12.75	43.93 2.57 12.09	51.11 3.59 8.51	48.29 2.84 9.26	42.64 2.44 8.66	39.63 2.51 8.42	36.19 2.23 7.40	35.47 1.83 4.49	35.96 1.50 2.02
TEALLAVE_115KV_TB7 355573	37.51 -0.80 0.00	35.89 -0.81 0.00	35.48 -0.80 0.00	32.76 -0.77 0.00	33.76 -0.76 0.00	35.78 -0.77 0.00	43.73 -0.85 0.00	48.98 -1.05 0.00	49.05 -1.05 0.00	49.02 -1.00 0.00	47.91 -0.93 0.00	44.84 -0.96 0.00	44.62 -0.96 0.00	45.50 -0.93 0.00	44.73 -0.91 0.00	48.13 -0.98 0.00	52.33 -1.12 0.00	55.08 -0.95 0.00	53.62 -1.09 0.00	47.83 -1.03 0.00	44.59 -0.96 0.00	40.53 -0.83 0.00	37.32 -0.80 0.00	35.75 -0.73 0.00
TELGRAPH_34_KV_EAST 80808	36.36 -1.95 0.00	34.90 -1.80 0.00	34.35 -1.92 0.00	31.72 -1.81 0.00	32.72 -1.79 0.00	34.83 -1.72 0.00	42.26 -2.32 0.00	46.63 -3.40 0.00	46.90 -3.21 0.00	47.02 -3.00 0.00	46.10 -2.73 0.00	42.64 -3.16 0.00	42.62 -2.96 0.00	43.92 -2.51 0.00	43.17 -2.46 0.00	46.76 -2.36 0.00	50.46 -2.99 0.00	52.95 -3.08 0.00	51.81 -2.90 0.00	46.07 -2.78 0.00	42.31 -3.23 0.00	38.91 -2.44 0.00	36.10 -2.02 0.00	35.21 -1.28 0.00
TEMPLE___115KV_TB 2 55572	37.51 -0.80 0.00	35.92 -0.77 0.00	35.51 -0.76 0.00	32.76 -0.77 0.00	33.76 -0.76 0.00	35.81 -0.73 0.00	43.73 -0.85 0.00	48.98 -1.05 0.00	49.10 -1.00 0.00	49.02 -1.00 0.00	47.91 -0.93 0.00	44.84 -0.96 0.00	44.62 -0.96 0.00	45.55 -0.88 0.00	44.73 -0.91 0.00	48.18 -0.93 0.00	52.39 -1.07 0.00	55.08 -0.95 0.00	53.67 -1.04 0.00	47.88 -0.98 0.00	44.59 -0.96 0.00	40.57 -0.79 0.00	37.36 -0.76 0.00	35.79 -0.69 0.00
TIANA____69_KV_BK 1 55817	45.05 4.06 -2.68	40.18 3.49 0.00	39.25 2.97 0.00	36.38 2.85 0.00	37.66 3.14 0.00	39.87 3.33 0.00	48.73 4.15 0.00	57.95 5.45 -2.47	60.06 4.76 -5.19	61.32 4.35 -6.95	60.78 4.74 -7.21	56.94 4.86 -6.28	56.48 4.60 -6.29	58.08 4.78 -6.87	57.64 5.20 -6.80	62.24 5.70 -7.42	67.34 6.84 -7.04	68.84 7.84 -4.96	66.61 6.51 -5.39	59.52 5.62 -5.04	55.60 5.15 -4.90	49.63 3.97 -4.31	44.10 3.36 -2.62	40.91 3.25 -1.18
TILDEN___115KV_TB1 80814	37.70 -0.61 0.00	36.11 -0.59 0.00	35.66 -0.62 0.00	32.92 -0.60 0.00	33.93 -0.59 0.00	35.96 -0.58 0.00	43.96 -0.62 0.00	49.28 -0.75 0.00	49.30 -0.80 0.00	49.27 -0.75 0.00	48.15 -0.68 0.00	45.07 -0.73 0.00	44.85 -0.73 0.00	45.73 -0.70 0.00	44.95 -0.68 0.00	48.43 -0.69 0.00	52.65 -0.80 0.00	55.42 -0.62 0.00	53.94 -0.77 0.00	48.13 -0.73 0.00	44.86 -0.68 0.00	40.77 -0.58 0.00	37.52 -0.61 0.00	35.94 -0.55 0.00

TRIGEN__CC 323695	43.87 2.87 -2.68	39.08 2.39 0.00	38.31 2.03 0.00	35.44 1.91 0.00	36.59 2.07 0.00	38.74 2.19 0.00	47.39 2.81 0.00	56.00 3.50 -2.47	58.41 3.11 -5.19	59.87 2.90 -6.95	59.07 3.03 -7.21	55.24 3.16 -6.28	54.84 2.96 -6.29	56.36 3.06 -6.87	55.77 3.33 -6.80	60.12 3.59 -7.42	64.83 4.33 -7.04	66.32 5.32 -4.96	64.42 4.32 -5.39	57.66 3.76 -5.04	54.10 3.64 -4.90	48.64 2.98 -4.31	43.26 2.52 -2.62	39.96 2.30 -1.18
TRINITY__115KV__4 BK 55933	39.86 0.96 -0.59	37.69 0.99 0.00	37.25 0.98 0.00	34.53 1.01 0.00	35.55 1.04 0.00	37.49 0.95 0.00	45.34 0.76 0.00	51.37 0.80 -0.54	52.10 0.85 -1.14	52.39 0.85 -1.53	51.20 0.78 -1.58	48.01 0.82 -1.38	47.74 0.77 -1.38	48.63 0.70 -1.51	47.82 0.68 -1.49	51.38 0.64 -1.63	55.80 0.80 -1.55	58.58 1.46 -1.09	56.99 1.09 -1.19	50.80 0.83 -1.11	47.45 0.82 -1.08	43.13 0.83 -0.95	39.96 1.26 -0.57	37.87 1.13 -0.26
UNION__PROCESSING_DRP 323587	36.51 -1.80 0.00	35.04 -1.65 0.00	34.53 -1.74 0.00	31.88 -1.64 0.00	32.86 -1.66 0.00	34.94 -1.61 0.00	42.48 -2.10 0.00	47.33 -2.70 0.00	47.50 -2.61 0.00	47.57 -2.45 0.00	46.49 -2.34 0.00	43.29 -2.52 0.00	43.16 -2.42 0.00	44.25 -2.18 0.00	43.54 -2.10 0.00	47.05 -2.06 0.00	50.94 -2.51 0.00	53.46 -2.58 0.00	52.25 -2.46 0.00	46.51 -2.35 0.00	43.00 -2.55 0.00	39.28 -2.07 0.00	36.33 -1.79 0.00	35.10 -1.39 0.00
UPPER HUDSON__HYD 24058	40.80 1.91 -0.56	38.53 1.83 0.00	37.87 1.59 0.00	34.93 1.41 0.00	36.00 1.48 0.00	38.30 1.75 0.00	46.72 2.14 0.00	53.10 2.55 -0.52	53.91 2.70 -1.10	53.98 2.50 -1.47	52.84 2.49 -1.52	49.51 2.38 -1.33	49.09 2.19 -1.33	49.92 2.04 -1.45	48.99 1.92 -1.44	52.84 2.16 -1.57	57.40 2.46 -1.49	60.50 3.42 -1.05	58.91 3.06 -1.14	52.32 2.39 -1.07	48.68 2.10 -1.04	44.04 1.78 -0.91	40.32 1.64 -0.55	38.30 1.57 -0.25
UPPER RAQUET__HYD 24056	37.47 -0.84 0.00	35.63 -1.07 0.00	35.55 -0.73 0.00	32.79 -0.74 0.00	33.21 -1.31 0.00	34.61 -1.94 0.00	42.22 -2.36 0.00	48.58 -1.45 0.00	48.55 -1.55 0.00	49.12 -0.90 0.00	49.27 0.44 0.00	46.08 0.28 0.00	45.85 0.28 0.00	46.62 0.19 0.00	44.50 -1.14 0.00	47.35 -1.77 0.00	50.94 -2.51 0.00	52.51 -3.53 0.00	51.53 -3.17 0.00	46.17 -2.69 0.00	42.91 -2.64 0.00	38.95 -2.40 0.00	36.14 -1.98 0.00	35.32 -1.17 0.00
VALLEY44_115KV_TB2 355964	37.82 -0.50 0.00	36.22 -0.48 0.00	35.69 -0.58 0.00	32.96 -0.57 0.00	34.03 -0.48 0.00	36.14 -0.40 0.00	44.22 -0.36 0.00	48.58 -1.45 0.00	48.80 -1.30 0.00	48.92 -1.10 0.00	48.00 -0.83 0.00	44.48 -1.33 0.00	44.39 -1.19 0.00	45.73 -0.70 0.00	44.86 -0.78 0.00	48.57 -0.54 0.00	52.49 -0.96 0.00	55.31 -0.73 0.00	53.94 -0.77 0.00	47.98 -0.88 0.00	44.18 -1.37 0.00	40.61 -0.74 0.00	37.48 -0.65 0.00	36.56 0.07 0.00
VALLEY__115KV_TB 1-4 80826	39.12 0.80 0.00	37.47 0.77 0.00	37.07 0.80 0.00	34.30 0.77 0.00	35.35 0.83 0.00	37.42 0.88 0.00	45.65 1.07 0.00	51.28 1.25 0.00	51.36 1.25 0.00	51.32 1.30 0.00	50.10 1.27 0.00	46.95 1.15 0.00	46.72 1.14 0.00	47.50 1.07 0.00	46.64 1.00 0.00	50.15 1.03 0.00	54.58 1.12 0.00	57.21 1.18 0.00	55.69 0.98 0.00	49.69 0.83 0.00	46.28 0.73 0.00	42.06 0.70 0.00	38.77 0.65 0.00	37.03 0.55 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.87 1.88 0.33	38.38 1.69 0.00	38.02 1.74 0.00	35.07 1.54 0.00	36.17 1.66 0.00	38.30 1.75 0.00	46.90 2.32 0.00	52.68 2.95 0.31	52.51 3.06 0.65	52.25 3.10 0.87	51.06 3.13 0.90	47.82 2.79 0.78	47.53 2.73 0.79	48.26 2.69 0.86	47.34 2.56 0.85	50.89 2.70 0.93	55.68 3.10 0.88	58.90 3.47 0.61	57.17 3.12 0.66	51.03 2.78 0.62	47.59 2.64 0.60	43.14 2.32 0.53	39.79 1.98 0.32	38.13 1.79 0.14
VISCHER__FERRY HYD 24020	40.61 1.68 -0.61	38.31 1.61 0.00	37.87 1.59 0.00	35.00 1.47 0.00	36.03 1.52 0.00	38.15 1.61 0.00	46.45 1.87 0.00	52.70 2.10 -0.56	53.40 2.10 -1.19	53.71 2.10 -1.59	52.44 1.96 -1.65	49.16 1.92 -1.44	48.84 1.83 -1.44	49.76 1.76 -1.57	48.88 1.69 -1.56	52.58 1.77 -1.70	57.10 2.03 -1.61	60.03 2.86 -1.14	58.46 2.52 -1.23	52.06 2.05 -1.15	48.58 1.91 -1.12	44.08 1.74 -0.99	40.40 1.68 -0.60	38.32 1.57 -0.27
V_A_10_SYNC_DSASP 323832	35.71 -2.61 0.00	34.13 -2.57 0.00	33.66 -2.61 0.00	31.08 -2.45 0.00	32.07 -2.45 0.00	34.06 -2.49 0.00	41.33 -3.25 0.00	45.53 -4.50 0.00	45.75 -4.36 0.00	45.87 -4.15 0.00	44.93 -3.91 0.00	41.77 -4.03 0.00	41.61 -3.97 0.00	42.81 -3.62 0.00	42.21 -3.42 0.00	45.58 -3.54 0.00	49.23 -4.22 0.00	51.66 -4.37 0.00	50.50 -4.21 0.00	44.90 -3.96 0.00	41.36 -4.19 0.00	37.96 -3.39 0.00	35.27 -2.86 0.00	34.33 -2.15 0.00
V_CMM_10_SYNC_DSASP 323787	38.70 0.38 0.00	37.06 0.37 0.00	36.67 0.40 0.00	33.90 0.37 0.00	34.79 0.27 0.00	36.87 0.33 0.00	45.07 0.49 0.00	50.73 0.70 0.00	50.76 0.65 0.00	50.62 0.60 0.00	49.52 0.68 0.00	46.45 0.64 0.00	46.26 0.68 0.00	47.13 0.70 0.00	46.23 0.59 0.00	49.85 0.74 0.00	54.20 0.75 0.00	56.03 0.00 0.00	55.09 0.39 0.00	49.35 0.49 0.00	46.00 0.46 0.00	41.64 0.29 0.00	38.43 0.30 0.00	36.85 0.36 0.00
V_CMP_10_SYNC_DSASP 323788	38.35 0.04 0.00	36.70 0.00 0.00	36.35 0.07 0.00	33.63 0.10 0.00	34.38 -0.14 0.00	36.47 -0.07 0.00	44.76 0.18 0.00	50.83 0.80 0.00	50.81 0.70 0.00	50.67 0.65 0.00	49.71 0.88 0.00	46.63 0.83 0.00	46.58 1.00 0.00	47.54 1.11 0.00	46.55 0.91 0.00	50.25 1.13 0.00	54.58 1.12 0.00	56.20 0.17 0.00	55.26 0.55 0.00	49.45 0.59 0.00	45.96 0.41 0.00	41.44 0.08 0.00	38.16 0.04 0.00	36.67 0.18 0.00
V_D_10_SYNC_DSASP 323841	38.59 0.27 0.00	36.95 0.26 0.00	36.53 0.26 0.00	33.79 0.27 0.00	34.69 0.17 0.00	36.76 0.22 0.00	44.89 0.31 0.00	50.58 0.55 0.00	50.56 0.45 0.00	50.42 0.40 0.00	49.32 0.49 0.00	46.26 0.46 0.00	46.08 0.50 0.00	46.94 0.51 0.00	46.05 0.41 0.00	49.71 0.59 0.00	53.99 0.53 0.00	55.81 -0.22 0.00	54.93 0.22 0.00	49.20 0.34 0.00	45.82 0.27 0.00	41.52 0.17 0.00	38.28 0.15 0.00	36.74 0.26 0.00
V_E_10_SYNC_DSASP 323830	40.53 2.45 0.24	38.79 2.09 0.00	38.49 2.21 0.00	35.37 1.84 0.00	36.55 2.04 0.00	38.95 2.41 0.00	48.01 3.43 0.00	58.01 8.25 0.27	57.70 8.17 0.57	57.30 8.05 0.77	56.05 8.01 0.80	52.03 6.92 0.69	51.77 6.88 0.70	52.40 6.73 0.76	51.41 6.53 0.75	55.32 7.02 0.82	60.96 8.29 0.78	60.19 4.60 0.44	58.44 4.21 0.48	52.12 3.71 0.45	48.48 3.37 0.44	43.86 2.89 0.38	40.33 2.44 0.23	38.72 2.34 0.10
V_F_30_NSYNC__DSASP 323816	41.08 2.18 -0.58	38.79 2.09 0.00	38.23 1.96 0.00	35.30 1.78 0.00	36.35 1.83 0.00	38.59 2.05 0.00	47.07 2.49 0.00	53.42 2.85 -0.53	54.19 2.96 -1.12	54.32 2.80 -1.51	53.18 2.78 -1.56	49.77 2.61 -1.36	49.45 2.51 -1.36	50.33 2.41 -1.49	49.44 2.33 -1.47	53.28 2.55 -1.61	57.87 2.88 -1.53	60.86 3.75 -1.07	59.27 3.39 -1.17	52.74 2.78 -1.09	49.11 2.50 -1.06	44.52 2.23 -0.93	40.75 2.06 -0.57	38.64 1.90 -0.25

V_F_30_SYNC_DSASP 323786	39.93 1.03 -0.58	37.76 1.06 0.00	37.33 1.05 0.00	34.57 1.04 0.00	35.62 1.10 0.00	37.60 1.06 0.00	45.47 0.89 0.00	51.52 0.95 -0.53	52.23 1.00 -1.12	52.52 1.00 -1.50	51.32 0.93 -1.56	48.12 0.96 -1.36	47.85 0.91 -1.36	48.75 0.84 -1.49	47.93 0.82 -1.47	51.56 0.83 -1.61	55.94 0.96 -1.52	58.79 1.68 -1.07	57.13 1.26 -1.17	50.93 0.98 -1.09	47.57 0.96 -1.06	43.24 0.95 -0.93	40.06 1.37 -0.57	37.98 1.24 -0.25
V_XM_10_SYNC_DSASP 323789	38.35 0.04 0.00	36.70 0.00 0.00	36.35 0.07 0.00	33.63 0.10 0.00	34.38 -0.14 0.00	36.47 -0.07 0.00	44.76 0.18 0.00	50.83 0.80 0.00	50.81 0.70 0.00	50.67 0.65 0.00	49.71 0.88 0.00	46.63 0.83 0.00	46.58 1.00 0.00	47.54 1.11 0.00	46.55 0.91 0.00	50.25 1.13 0.00	54.58 1.12 0.00	56.20 0.17 0.00	55.26 0.55 0.00	49.45 0.59 0.00	45.96 0.41 0.00	41.44 0.08 0.00	38.16 0.04 0.00	36.67 0.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.74 1.95 4.53	38.38 1.69 0.00	37.76 1.49 0.00	34.93 1.41 0.00	36.00 1.48 0.00	38.22 1.68 0.00	46.81 2.23 0.00	48.26 2.50 4.28	43.57 2.46 8.99	40.43 2.45 12.04	38.65 2.30 12.48	37.22 2.29 10.88	36.91 2.23 10.90	36.76 2.23 11.90	36.18 2.33 11.78	38.67 2.41 12.86	44.09 2.83 12.20	51.31 3.87 8.59	48.49 3.12 9.34	42.81 2.69 8.73	39.74 2.69 8.49	36.29 2.40 7.46	35.58 1.98 4.53	36.09 1.64 2.04
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.45 2.45 -2.69	38.86 2.17 0.00	38.20 1.92 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.70 2.16 0.00	47.43 2.85 0.00	55.66 3.15 -2.48	58.42 3.11 -5.21	60.15 3.15 -6.98	59.05 2.98 -7.23	54.99 2.89 -6.30	54.77 2.87 -6.32	56.15 2.83 -6.89	55.39 2.92 -6.83	59.66 3.09 -7.45	64.10 3.58 -7.07	65.66 4.65 -4.98	64.01 3.88 -5.41	57.29 3.37 -5.06	53.84 3.37 -4.92	48.74 3.06 -4.33	43.27 2.52 -2.62	39.82 2.15 -1.18
W50THST__13_KV_LOAD 356117	43.61 2.61 -2.69	38.97 2.28 0.00	38.31 2.03 0.00	35.40 1.88 0.00	36.48 1.97 0.00	38.81 2.27 0.00	47.57 2.99 0.00	55.86 3.35 -2.48	58.68 3.36 -5.21	60.35 3.35 -6.98	59.24 3.17 -7.23	55.18 3.07 -6.30	54.95 3.05 -6.32	56.39 3.06 -6.89	55.62 3.15 -6.83	59.90 3.34 -7.45	64.32 3.80 -7.07	65.94 4.93 -4.98	64.23 4.10 -5.41	57.49 3.57 -5.06	54.02 3.55 -4.92	48.90 3.23 -4.33	43.38 2.63 -2.62	39.96 2.30 -1.18
WADING RIVER_IC_1 23522	44.82 3.83 -2.68	40.03 3.34 0.00	39.14 2.86 0.00	36.24 2.71 0.00	37.52 3.00 0.00	39.72 3.18 0.00	48.50 3.92 0.00	57.66 5.15 -2.47	59.71 4.41 -5.19	61.02 4.05 -6.95	60.44 4.40 -7.21	56.58 4.49 -6.28	56.21 4.33 -6.29	57.80 4.50 -6.87	57.33 4.89 -6.80	61.94 5.40 -7.42	67.02 6.52 -7.04	68.56 7.56 -4.96	66.50 6.40 -5.39	59.28 5.37 -5.04	55.33 4.88 -4.90	49.59 3.93 -4.31	43.98 3.24 -2.62	40.80 3.14 -1.18
WADING RIVER_IC_2 23547	44.82 3.83 -2.68	40.03 3.34 0.00	39.14 2.86 0.00	36.24 2.71 0.00	37.52 3.00 0.00	39.72 3.18 0.00	48.50 3.92 0.00	57.66 5.15 -2.47	59.71 4.41 -5.19	61.02 4.05 -6.95	60.44 4.40 -7.21	56.58 4.49 -6.28	56.21 4.33 -6.29	57.80 4.50 -6.87	57.33 4.89 -6.80	61.94 5.40 -7.42	67.02 6.52 -7.04	68.56 7.56 -4.96	66.50 6.40 -5.39	59.28 5.37 -5.04	55.33 4.88 -4.90	49.59 3.93 -4.31	43.98 3.24 -2.62	40.80 3.14 -1.18
WADING RIVER_IC_3 23601	44.82 3.83 -2.68	40.03 3.34 0.00	39.14 2.86 0.00	36.24 2.71 0.00	37.52 3.00 0.00	39.72 3.18 0.00	48.50 3.92 0.00	57.66 5.15 -2.47	59.71 4.41 -5.19	61.02 4.05 -6.95	60.44 4.40 -7.21	56.58 4.49 -6.28	56.21 4.33 -6.29	57.80 4.50 -6.87	57.33 4.89 -6.80	61.94 5.40 -7.42	67.02 6.52 -7.04	68.56 7.56 -4.96	66.50 6.40 -5.39	59.28 5.37 -5.04	55.33 4.88 -4.90	49.59 3.93 -4.31	43.98 3.24 -2.62	40.80 3.14 -1.18
WALDENNY_12_KV_BK2 80841	36.71 -1.61 0.00	35.15 -1.54 0.00	34.68 -1.60 0.00	31.98 -1.54 0.00	33.03 -1.48 0.00	35.12 -1.43 0.00	42.71 -1.87 0.00	46.93 -3.10 0.00	47.25 -2.86 0.00	47.37 -2.65 0.00	46.54 -2.30 0.00	43.01 -2.79 0.00	42.98 -2.60 0.00	44.34 -2.09 0.00	43.49 -2.14 0.00	47.15 -1.96 0.00	50.89 -2.57 0.00	53.46 -2.58 0.00	52.25 -2.46 0.00	46.42 -2.44 0.00	42.68 -2.87 0.00	39.33 -2.03 0.00	36.49 -1.64 0.00	35.61 -0.88 0.00
WALDEN__HYDRO 24148	38.77 1.95 1.50	38.42 1.72 0.00	37.83 1.56 0.00	34.97 1.44 0.00	36.04 1.52 0.00	38.26 1.72 0.00	46.90 2.32 0.00	51.27 2.60 1.37	49.69 2.46 2.87	48.62 2.45 3.85	47.14 2.30 3.99	44.57 2.24 3.48	44.24 2.14 3.48	44.76 2.14 3.80	44.11 2.24 3.77	47.36 2.36 4.11	52.39 2.83 3.90	57.05 3.75 2.74	54.79 3.06 2.98	48.71 2.64 2.79	45.57 2.73 2.71	41.37 2.40 2.38	38.66 1.98 1.45	37.48 1.64 0.65
WARRENSBURG____ 23737	40.80 1.91 -0.56	38.53 1.83 0.00	37.87 1.59 0.00	34.93 1.41 0.00	36.00 1.48 0.00	38.30 1.75 0.00	46.72 2.14 0.00	53.10 2.55 -0.52	53.91 2.70 -1.10	53.98 2.50 -1.47	52.84 2.49 -1.52	49.51 2.38 -1.33	49.09 2.19 -1.33	49.92 2.04 -1.45	48.99 1.92 -1.44	52.84 2.16 -1.57	57.40 2.46 -1.49	60.50 3.42 -1.05	58.91 3.06 -1.14	52.32 2.39 -1.07	48.68 2.10 -1.04	44.04 1.78 -0.91	40.32 1.64 -0.55	38.30 1.57 -0.25
WATERSIDE____6 8 9 23538	43.64 2.64 -2.68	39.01 2.31 0.00	38.31 2.03 0.00	35.44 1.91 0.00	36.52 2.00 0.00	38.77 2.23 0.00	47.39 2.81 0.00	55.56 3.05 -2.47	58.32 3.01 -5.20	59.98 3.00 -6.97	58.84 2.78 -7.22	54.80 2.70 -6.29	54.57 2.69 -6.31	56.00 2.69 -6.88	55.24 2.78 -6.82	59.50 2.95 -7.44	63.88 3.37 -7.05	65.54 4.54 -4.97	63.89 3.77 -5.40	57.18 3.27 -5.05	53.70 3.23 -4.91	48.69 3.02 -4.32	43.26 2.52 -2.62	39.85 2.19 -1.18
WATKINRD_115KV_LN8_ILLION 55919	38.97 0.65 0.00	37.28 0.59 0.00	36.89 0.62 0.00	34.10 0.57 0.00	35.14 0.62 0.00	37.20 0.66 0.00	45.38 0.80 0.00	50.93 0.90 0.00	51.06 0.95 0.00	50.97 0.95 0.00	49.76 0.93 0.00	46.67 0.87 0.00	46.44 0.87 0.00	47.26 0.84 0.00	46.41 0.78 0.00	49.95 0.83 0.00	54.36 0.91 0.00	57.10 1.06 0.00	55.58 0.88 0.00	49.64 0.78 0.00	46.23 0.68 0.00	42.01 0.66 0.00	38.70 0.57 0.00	37.00 0.51 0.00
WATSON__69_KV_BK 1 55734	45.01 4.02 -2.68	40.11 3.41 0.00	39.18 2.90 0.00	36.28 2.75 0.00	37.52 3.00 0.00	39.69 3.14 0.00	48.50 3.92 0.00	57.60 5.10 -2.47	59.76 4.46 -5.19	61.07 4.10 -6.95	60.39 4.35 -7.21	56.57 4.49 -6.28	56.16 4.28 -6.29	57.76 4.46 -6.87	57.33 4.88 -6.80	61.84 5.30 -7.42	66.91 6.41 -7.04	68.39 7.40 -4.96	66.28 6.18 -5.39	59.28 5.37 -5.04	55.51 5.06 -4.90	49.63 3.97 -4.31	44.13 3.39 -2.62	40.91 3.25 -1.18
WDELAWARE__HYD 323627	39.46 2.42 1.27	38.86 2.16 0.00	38.27 1.99 0.00	35.30 1.78 0.00	36.38 1.86 0.00	38.74 2.19 0.00	47.57 2.99 0.00	52.22 3.35 1.16	50.92 3.26 2.44	49.85 3.10 3.27	48.38 2.93 3.39	45.65 2.79 2.95	45.31 2.69 2.96	45.94 2.74 3.23	45.22 2.78 3.20	48.72 3.10 3.49	53.83 3.69 3.31	58.35 4.65 2.33	56.12 3.94 2.53	49.81 3.32 2.37	46.57 3.32 2.30	42.18 2.85 2.02	39.30 2.40 1.23	37.97 2.04 0.55

WEST BABYLON___IC 23714	44.78 3.79 -2.68	39.92 3.23 0.00	39.03 2.76 0.00	36.11 2.58 0.00	37.31 2.80 0.00	39.50 2.96 0.00	48.28 3.70 0.00	57.30 4.80 -2.47	59.51 4.21 -5.19	60.87 3.90 -6.95	60.19 4.15 -7.21	56.34 4.26 -6.28	55.88 4.01 -6.29	57.48 4.18 -6.87	57.01 4.56 -6.80	61.55 5.01 -7.42	66.48 5.99 -7.04	68.00 7.00 -4.96	65.96 5.85 -5.39	58.98 5.08 -5.04	55.24 4.78 -4.90	49.47 3.80 -4.31	43.98 3.24 -2.62	40.73 3.06 -1.18
WEST CANADA___HYD 24049	38.43 0.12 0.00	36.81 0.11 0.00	36.38 0.11 0.00	33.63 0.10 0.00	34.66 0.14 0.00	36.65 0.11 0.00	44.71 0.13 0.00	50.18 0.15 0.00	50.31 0.20 0.00	50.22 0.20 0.00	49.03 0.20 0.00	45.99 0.18 0.00	45.76 0.18 0.00	46.57 0.14 0.00	45.78 0.14 0.00	49.26 0.15 0.00	53.62 0.16 0.00	56.37 0.34 0.00	54.93 0.22 0.00	49.01 0.15 0.00	45.69 0.14 0.00	41.48 0.12 0.00	38.24 0.11 0.00	36.59 0.11 0.00
WESTERN_NY_WIND 24143	36.86 -1.46 0.00	35.37 -1.32 0.00	34.82 -1.45 0.00	32.15 -1.37 0.00	33.14 -1.38 0.00	35.34 -1.21 0.00	42.93 -1.65 0.00	47.58 -2.45 0.00	47.80 -2.30 0.00	47.87 -2.15 0.00	46.88 -1.95 0.00	43.38 -2.43 0.00	43.34 -2.23 0.00	44.62 -1.81 0.00	43.95 -1.69 0.00	47.59 -1.52 0.00	51.42 -2.03 0.00	53.90 -2.13 0.00	52.79 -1.91 0.00	46.95 -1.91 0.00	43.13 -2.41 0.00	39.62 -1.74 0.00	36.68 -1.45 0.00	35.65 -0.84 0.00
WESTOVER___LESR 323668	38.10 0.04 0.25	36.73 0.04 0.00	36.31 0.04 0.00	33.49 -0.03 0.00	34.52 0.00 0.00	36.58 0.04 0.00	44.76 0.18 0.00	49.80 0.00 0.24	49.61 0.00 0.50	49.40 0.05 0.67	48.24 0.10 0.69	45.11 -0.09 0.60	44.93 -0.05 0.60	45.82 0.05 0.66	45.03 0.05 0.65	48.55 0.15 0.71	52.89 0.11 0.68	56.01 0.45 0.47	54.42 0.22 0.51	48.48 0.10 0.48	45.08 0.00 0.47	41.07 0.12 0.41	37.88 0.00 0.25	36.52 0.15 0.11
WETHRSFD_WT_PWR 323626	36.78 -1.53 0.00	35.16 -1.54 0.00	34.68 -1.60 0.00	32.02 -1.51 0.00	33.07 -1.45 0.00	35.19 -1.35 0.00	42.93 -1.65 0.00	47.43 -2.60 0.00	47.60 -2.50 0.00	47.62 -2.40 0.00	46.59 -2.25 0.00	43.15 -2.66 0.00	43.07 -2.51 0.00	44.34 -2.09 0.00	43.76 -1.87 0.00	47.25 -1.87 0.00	51.10 -2.35 0.00	53.79 -2.24 0.00	52.52 -2.19 0.00	46.71 -2.15 0.00	43.09 -2.46 0.00	39.58 -1.78 0.00	36.64 -1.49 0.00	35.61 -0.88 0.00
WHAVSTOR_138KV_BK127 55557	35.56 1.80 4.56	38.24 1.54 0.00	37.62 1.34 0.00	34.83 1.31 0.00	35.86 1.35 0.00	38.08 1.53 0.00	46.63 2.05 0.00	47.97 2.25 4.31	43.24 2.20 9.07	40.07 2.20 12.14	38.30 2.05 12.59	36.90 2.06 10.97	36.59 2.01 10.99	36.43 2.00 12.00	35.85 2.10 11.88	38.31 2.16 12.97	43.72 2.57 12.30	50.90 3.53 8.66	48.14 2.84 9.42	42.50 2.44 8.81	39.49 2.51 8.56	36.06 2.23 7.53	35.39 1.83 4.57	35.96 1.53 2.05
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.56 1.80 4.56	38.24 1.54 0.00	37.62 1.34 0.00	34.83 1.31 0.00	35.86 1.35 0.00	38.08 1.53 0.00	46.63 2.05 0.00	47.97 2.25 4.31	43.24 2.20 9.07	40.07 2.20 12.14	38.30 2.05 12.59	36.90 2.06 10.97	36.59 2.01 10.99	36.43 2.00 12.00	35.85 2.10 11.88	38.31 2.16 12.97	43.72 2.57 12.30	50.90 3.53 8.66	48.14 2.84 9.42	42.50 2.44 8.81	39.49 2.51 8.56	36.06 2.23 7.53	35.39 1.83 4.57	35.96 1.53 2.05
WHITEHAL_115KV_TB1 80871	41.64 2.76 -0.57	39.30 2.61 0.00	38.63 2.36 0.00	35.61 2.08 0.00	36.69 2.17 0.00	39.10 2.56 0.00	47.79 3.21 0.00	54.36 3.80 -0.52	55.12 3.91 -1.10	55.09 3.60 -1.48	53.98 3.61 -1.53	50.53 3.39 -1.33	50.11 3.19 -1.34	50.90 3.02 -1.46	49.96 2.88 -1.44	53.93 3.24 -1.58	58.64 3.69 -1.50	61.85 4.76 -1.05	60.12 4.27 -1.15	53.40 3.47 -1.07	49.64 3.05 -1.04	44.87 2.61 -0.92	41.01 2.33 -0.56	38.89 2.15 -0.25
WHITEPLN_13_KV_LOAD 356215	43.57 2.49 -2.76	38.93 2.24 0.00	38.23 1.96 0.00	35.37 1.84 0.00	36.45 1.93 0.00	38.77 2.23 0.00	47.43 2.85 0.00	55.83 3.25 -2.55	58.67 3.21 -5.36	60.44 3.25 -7.17	59.34 3.08 -7.43	55.26 2.98 -6.48	54.99 2.92 -6.49	56.49 2.97 -7.09	55.71 3.06 -7.02	59.92 3.14 -7.66	64.41 3.69 -7.26	65.91 4.76 -5.12	64.32 4.05 -5.56	57.53 3.47 -5.20	54.02 3.42 -5.06	48.86 3.06 -4.45	43.38 2.55 -2.70	39.89 2.19 -1.21
WM_FLOYD_69_KV_BK2 356380	44.86 3.87 -2.68	39.96 3.27 0.00	39.07 2.79 0.00	36.17 2.65 0.00	37.42 2.90 0.00	39.61 3.07 0.00	48.32 3.74 0.00	57.45 4.95 -2.47	59.56 4.26 -5.19	60.82 3.85 -6.95	60.24 4.20 -7.21	56.44 4.35 -6.28	56.02 4.15 -6.29	57.62 4.32 -6.87	57.19 4.75 -6.80	61.74 5.21 -7.42	66.81 6.31 -7.04	68.28 7.28 -4.96	66.12 6.02 -5.39	59.08 5.18 -5.04	55.28 4.83 -4.90	49.38 3.72 -4.31	43.94 3.20 -2.62	40.76 3.10 -1.18
WOODARD___115KV_TB2 355635	37.43 -0.88 0.00	35.85 -0.84 0.00	35.44 -0.83 0.00	32.72 -0.80 0.00	33.69 -0.83 0.00	35.74 -0.80 0.00	43.64 -0.94 0.00	48.93 -1.10 0.00	49.00 -1.10 0.00	48.92 -1.10 0.00	47.81 -1.03 0.00	44.75 -1.05 0.00	44.58 -1.00 0.00	45.45 -0.98 0.00	44.68 -0.96 0.00	48.08 -1.03 0.00	52.28 -1.18 0.00	54.97 -1.06 0.00	53.56 -1.15 0.00	47.78 -1.07 0.00	44.50 -1.05 0.00	40.48 -0.87 0.00	37.25 -0.88 0.00	35.72 -0.77 0.00
YORK___WARBASSE 23770	43.95 2.95 -2.69	39.31 2.61 -0.01	38.60 2.32 0.00	35.67 2.15 0.00	36.76 2.24 0.00	39.03 2.48 0.00	47.66 3.08 0.00	55.81 3.30 -2.47	58.52 3.21 -5.20	60.23 3.25 -6.97	59.03 2.98 -7.22	54.89 2.79 -6.29	54.71 2.83 -6.31	56.14 2.83 -6.88	55.37 2.92 -6.82	59.69 3.14 -7.44	64.09 3.58 -7.05	65.77 4.76 -4.97	64.22 4.10 -5.40	57.43 3.52 -5.05	53.92 3.46 -4.91	48.98 3.31 -4.32	43.53 2.78 -2.62	40.14 2.48 -1.18