

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion									
Generator Data		02/07/2024																							
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1 24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
	40.37	38.93	37.23	37.27	38.43	40.84	50.52	57.18	51.21	46.51	46.05	44.10	43.28	41.83	43.49	41.93	46.20	51.48	53.33	48.10	44.47	45.56	39.39	36.32	
	2.46	2.24	2.07	2.08	2.14	2.60	3.74	4.49	4.16	3.01	2.86	2.69	2.51	2.48	2.62	2.80	3.41	4.26	4.54	4.18	3.72	2.86	2.80	2.25	
74TH STREET_GT_1 24260																									
	40.41	38.97	37.27	37.27	38.46	40.84	50.52	57.18	51.16	46.59	46.12	44.16	43.38	41.91	43.57	41.92	46.20	51.48	53.28	47.97	44.41	45.50	39.39	36.35	
	2.50	2.27	2.11	2.08	2.18	2.60	3.74	4.49	4.07	2.95	2.79	2.59	2.42	2.39	2.53	2.69	3.34	4.22	4.49	4.05	3.65	2.75	2.80	2.28	
74TH STREET_GT_2 24261																									
	40.41	38.97	37.27	37.27	38.46	40.84	50.52	57.18	51.16	46.59	46.12	44.16	43.38	41.91	43.57	41.92	46.20	51.48	53.28	47.97	44.41	45.50	39.39	36.35	
	2.50	2.27	2.11	2.08	2.18	2.60	3.74	4.49	4.07	2.95	2.79	2.59	2.42	2.39	2.53	2.69	3.34	4.22	4.49	4.05	3.65	2.75	2.80	2.28	
ADK HUDSON___FALLS 24011																									
	39.24	37.87	36.32	36.35	37.52	39.92	49.26	55.95	46.87	36.76	36.80	33.59	31.65	30.89	32.53	35.24	40.87	47.06	51.36	46.22	41.59	37.87	37.82	35.13	
	1.33	1.17	1.16	1.16	1.23	1.68	2.48	2.81	2.19	1.28	1.04	0.82	0.68	0.70	0.77	1.04	1.81	2.33	2.58	2.29	2.02	1.36	1.18	1.06	
ADK RESOURCE___RCVRY 23798																									
	39.32	37.94	36.39	36.42	37.59	40.04	49.45	56.15	47.00	36.83	36.87	33.62	31.65	30.92	32.56	35.31	40.95	47.19	51.50	46.35	41.67	37.94	37.85	35.16	
	1.40	1.25	1.23	1.23	1.30	1.80	2.67	3.01	2.32	1.35	1.11	0.85	0.68	0.72	0.80	1.10	1.88	2.47	2.73	2.42	2.10	1.43	1.21	1.09	
ADK S GLENS___FALLS 24028																									
	39.24	37.87	36.32	36.35	37.52	39.92	49.26	61.66	48.54	36.76	36.80	33.59	31.65	30.89	32.53	35.24	40.87	49.24	52.84	46.22	41.59	37.87	37.82	35.13	
	1.33	1.17	1.16	1.16	1.23	1.68	2.48	2.81	2.19	1.28	1.04	0.82	0.68	0.70	0.77	1.04	1.81	2.33	2.58	2.29	2.02	1.36	1.18	1.06	
ADK_NYS___DAM 23527																									
	40.00	38.60	37.02	37.05	38.17	40.53	49.92	56.70	47.80	37.72	37.80	34.67	32.76	31.94	33.61	36.19	41.61	47.86	52.19	47.06	42.38	38.74	38.77	35.94	
	2.08	1.91	1.86	1.86	1.89	2.29	3.13	3.62	3.13	2.24	2.04	1.90	1.80	1.75	1.85	2.00	2.55	3.14	3.41	3.12	2.81	2.24	2.13	1.87	
AIR_PRODUCTS___DRP 24190																									
	38.82	37.46	35.97	36.00	37.05	39.35	48.42	54.92	46.24	36.62	36.66	33.69	31.83	31.07	32.65	35.19	40.35	46.34	50.53	45.56	40.99	37.57	37.63	35.19	
	0.91	0.77	0.81	0.81	0.76	1.11	1.64	1.84	1.56	1.14	0.89	0.92	0.87	0.88	0.90	1.00	1.30	1.61	1.76	1.63	1.43	1.06	0.99	1.12	
AKWESSNE_115KV_BK 355683																									
	38.06	36.95	35.41	35.40	36.58	38.20	46.36	50.36	44.36	35.45	35.91	32.87	31.18	30.39	31.98	34.39	38.96	44.36	48.33	43.51	39.19	36.55	36.76	34.27	
	0.15	0.26	0.25	0.21	0.29	-0.04	-0.42	-0.66	-0.31	-0.04	0.14	0.10	0.22	0.18	0.16	0.10	-0.16	-0.40	-0.44	-0.44	-0.40	0.00	0.07	0.20	
ALBANY_1_SOLAR 323833																									
	39.50	38.16	36.60	36.60	37.74	40.00	49.17	55.54	46.78	36.91	36.98	33.89	31.99	31.22	32.87	35.46	40.77	46.83	51.11	46.08	41.51	38.01	38.07	35.53	
	1.59	1.47	1.44	1.41	1.45	1.76	2.38	2.50	2.10	1.42	1.22	1.11	1.02	1.03	1.12	1.28	1.73	2.11	2.34	2.16	1.94	1.50	1.43	1.46	
ALBANY_2_SOLAR 323834																									
	39.50	38.12	36.57	36.60	37.74	40.00	49.17	55.54	46.73	36.91	36.98	33.89	31.99	31.22	32.84	35.46	40.77	46.83	51.11	46.08	41.51	38.01	38.07	35.53	
	1.59	1.43	1.41	1.41	1.45	1.76	2.38	2.50	2.06	1.42	1.22	1.11	1.02	1.03	1.09	1.28	1.73	2.11	2.34	2.16	1.94	1.50	1.43	1.46	
ALBANY___1 23571																									
	38.82	37.46	35.97	36.00	37.05	39.35	48.42	54.92	46.24	36.62	36.66	33.69	31.83	31.07	32.65	35.19	40.35	46.34	50.53	45.56	40.99	37.57	37.63	35.19	
	0.91	0.77	0.81	0.81	0.76	1.11	1.64	1.84	1.56	1.14	0.89	0.92	0.87	0.88	0.90	1.00	1.30	1.61	1.76	1.63	1.43	1.06	0.99	1.12	

ALBANY___2 23572	38.82 0.91 0.00	37.46 0.77 0.00	35.97 0.81 0.00	36.00 0.81 0.00	37.05 0.76 0.00	39.35 1.11 0.00	48.42 1.64 0.00	54.92 1.84 -2.06	46.24 1.56 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.69 0.92 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.65 0.90 0.22	35.19 1.00 0.35	40.35 1.30 0.21	46.34 1.61 0.13	50.53 1.76 0.00	45.56 1.63 0.08	40.99 1.43 0.07	37.57 1.06 0.15	37.63 0.99 0.16	35.19 1.12 0.00
ALBANY___3 23573	38.82 0.91 0.00	37.46 0.77 0.00	35.97 0.81 0.00	36.00 0.81 0.00	37.05 0.76 0.00	39.35 1.11 0.00	48.42 1.64 0.00	54.92 1.84 -2.06	46.24 1.56 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.69 0.92 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.65 0.90 0.22	35.19 1.00 0.35	40.35 1.30 0.21	46.34 1.61 0.13	50.53 1.76 0.00	45.56 1.63 0.08	40.99 1.43 0.07	37.57 1.06 0.15	37.63 0.99 0.16	35.19 1.12 0.00
ALBANY___4 23574	38.82 0.91 0.00	37.46 0.77 0.00	35.97 0.81 0.00	36.00 0.81 0.00	37.05 0.76 0.00	39.35 1.11 0.00	48.42 1.64 0.00	54.92 1.84 -2.06	46.24 1.56 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.69 0.92 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.65 0.90 0.22	35.19 1.00 0.35	40.35 1.30 0.21	46.34 1.61 0.13	50.53 1.76 0.00	45.56 1.63 0.08	40.99 1.43 0.07	37.57 1.06 0.15	37.63 0.99 0.16	35.19 1.12 0.00
ALBANY___LFGE 323615	39.12 1.21 0.00	37.79 1.10 0.00	36.25 1.09 0.00	36.24 1.05 0.00	37.37 1.09 0.00	39.65 1.42 0.00	48.84 2.06 0.00	55.40 2.30 -2.07	46.64 1.96 0.00	36.91 1.42 0.00	36.94 1.18 0.00	33.92 1.15 0.00	32.05 1.08 0.00	31.25 1.06 0.05	32.88 1.12 0.22	35.47 1.28 0.34	40.71 1.65 0.21	46.74 2.02 0.13	50.97 2.20 0.00	45.96 2.03 0.08	41.35 1.79 0.07	37.83 1.32 0.15	37.89 1.25 0.16	35.40 1.33 0.00
ALCOA_PA_115KV_PL-6C 55860	38.22 0.30 0.00	37.10 0.40 0.00	35.58 0.42 0.00	35.58 0.39 0.00	36.76 0.47 0.00	38.35 0.11 0.00	46.55 -0.23 0.00	50.57 -0.46 0.00	44.54 -0.13 0.00	35.59 0.11 0.00	36.02 0.25 0.00	32.93 0.16 0.00	31.34 0.37 0.00	30.53 0.33 0.05	32.12 0.35 0.20	34.39 0.17 0.32	38.99 -0.08 0.20	44.46 -0.27 0.12	48.53 -0.24 0.00	43.63 -0.31 0.07	39.29 -0.28 0.07	36.63 0.11 0.14	36.83 0.18 0.15	34.41 0.34 0.00
ALCOA_RYNLDS___DRP 24188	38.22 0.30 0.00	37.10 0.40 0.00	35.58 0.42 0.00	35.58 0.39 0.00	36.76 0.47 0.00	38.35 0.11 0.00	46.55 -0.23 0.00	50.57 -0.46 0.00	44.54 -0.13 0.00	35.59 0.11 0.00	36.02 0.25 0.00	32.93 0.16 0.00	31.34 0.37 0.00	30.53 0.33 0.05	32.12 0.35 0.20	34.39 0.17 0.32	38.99 -0.08 0.20	44.46 -0.27 0.12	48.53 -0.24 0.00	43.63 -0.31 0.07	39.29 -0.28 0.07	36.63 0.11 0.14	36.83 0.18 0.15	34.41 0.34 0.00
ALCOA___DSASP 323711	38.21 0.30 0.00	37.10 0.40 0.00	35.58 0.42 0.00	35.58 0.39 0.00	36.76 0.47 0.00	38.35 0.12 0.00	46.55 -0.23 0.00	50.56 -0.46 0.00	44.54 -0.13 0.00	35.59 0.11 0.00	36.02 0.25 0.00	32.93 0.16 0.00	31.34 0.37 0.00	30.53 0.33 0.05	32.09 0.32 0.20	34.39 0.17 0.32	38.99 -0.08 0.20	44.46 -0.27 0.12	48.53 -0.24 0.00	43.63 -0.31 0.07	39.30 -0.28 0.07	36.59 0.07 0.14	36.83 0.18 0.15	34.41 0.34 0.00
ALLEGHENY___COGEN 23514	36.44 -1.40 0.07	35.25 -1.39 0.04	33.74 -1.37 0.04	33.88 -1.27 0.04	35.05 -1.20 0.04	37.36 -0.88 0.00	45.35 -1.22 0.22	50.98 -1.02 -0.97	43.34 -1.34 0.00	33.93 -1.56 0.00	33.93 -1.79 0.04	31.17 -1.61 0.00	29.47 -1.49 0.01	28.27 -1.39 0.59	28.05 -1.47 2.45	29.24 -1.38 3.91	35.70 -1.14 2.43	42.44 -0.90 1.52	49.61 -0.88 -1.72	43.03 -0.84 0.14	38.06 -0.79 0.79	35.14 0.18 1.70	34.80 -0.22 1.77	33.97 -0.10 0.00
ALTAMONT_115KV_TB 2 55880	39.01 1.10 0.00	37.68 0.99 0.00	36.14 0.98 0.00	36.18 0.99 0.00	37.26 0.98 0.00	39.50 1.26 0.00	48.56 1.78 0.00	55.12 2.04 -2.05	46.42 1.74 0.00	36.69 1.21 0.00	36.80 1.04 0.00	33.75 0.98 0.00	31.89 0.93 0.00	31.10 0.91 0.05	32.75 0.99 0.22	35.30 1.11 0.34	40.51 1.45 0.21	46.52 1.79 0.13	50.72 1.95 0.00	45.74 1.80 0.08	41.15 1.59 0.07	37.72 1.21 0.15	37.78 1.14 0.16	35.13 1.06 0.00
ALTONA_WT_PWR 323606	39.39 1.48 0.00	38.27 1.58 0.00	36.70 1.55 0.00	36.74 1.55 0.00	37.99 1.71 0.00	39.77 1.53 0.00	47.76 0.98 0.00	51.23 0.20 0.00	45.75 1.07 0.00	36.55 1.06 0.00	36.94 1.18 0.00	33.72 0.95 0.00	32.02 1.05 0.00	31.20 1.00 0.04	32.83 1.02 0.17	35.30 1.04 0.27	40.04 0.94 0.17	45.83 1.07 0.10	49.99 1.22 0.00	44.83 0.88 0.06	40.33 0.75 0.05	37.53 0.99 0.12	37.70 1.03 0.12	35.53 1.46 0.00
AMERICAN_REF_FUEL 24010	32.93 -4.89 0.09	32.05 -4.59 0.05	30.67 -4.43 0.05	30.81 -4.33 0.05	31.66 -4.57 0.05	33.80 -4.44 0.00	39.84 -6.64 0.29	42.79 -7.35 0.89	38.29 -6.39 0.00	30.38 -5.11 0.00	30.59 -5.12 0.05	28.31 -4.46 0.00	26.99 -3.96 0.01	25.92 -3.69 0.63	25.38 -3.93 2.66	25.98 -4.32 4.24	31.30 -5.34 2.63	36.86 -6.28 1.71	38.68 -7.07 3.02	35.50 -6.25 2.26	33.39 -5.39 0.85	29.68 -5.13 1.85	29.68 -5.19 1.93	29.78 -4.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.27 -3.57 0.08	33.45 -3.19 0.05	31.98 -3.13 0.05	32.25 -2.88 0.05	33.30 -2.94 0.05	35.56 -2.68 0.00	41.83 -4.68 0.28	45.84 -4.64 0.54	40.83 -3.84 0.00	32.29 -3.19 0.00	32.42 -3.29 0.05	30.08 -2.69 0.00	28.64 -2.32 0.01	27.27 -2.36 0.62	26.78 -2.62 2.57	27.53 -2.90 4.11	33.07 -3.65 2.55	39.03 -4.17 1.66	41.98 -4.68 2.11	37.90 -4.27 1.84	35.16 -3.65 0.83	31.17 -3.70 1.79	30.95 -3.97 1.87	31.04 -3.03 0.00
ARTHUR KILL_GT_1 23520	40.45 2.54 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.39 2.10 0.00	40.69 2.45 0.00	50.15 3.37 0.00	56.72 4.03 -1.67	50.80 3.71 -2.42	46.16 2.59 -8.08	45.65 2.40 -7.49	43.70 2.23 -8.70	42.92 2.08 -9.88	41.44 2.03 -9.17	43.10 2.14 -8.98	41.51 2.28 -4.69	45.84 2.98 -3.59	51.31 4.04 -2.41	53.13 4.34 -0.02	47.83 3.92 0.09	44.13 3.37 -1.13	45.54 2.60 -6.28	39.28 2.68 0.20	36.25 2.18 0.00
ARTHUR_KILL_2 23512	40.34 2.43 0.00	38.86 2.16 0.00	37.13 1.97 0.00	37.12 1.93 0.00	38.32 2.03 0.00	40.57 2.33 0.00	50.05 3.27 0.00	56.57 3.88 -1.67	50.67 3.58 -2.42	46.05 2.48 -8.08	45.58 2.32 -7.49	43.63 2.16 -8.70	42.83 1.98 -9.88	41.38 1.96 -9.17	43.03 2.08 -8.98	41.44 2.21 -4.69	45.73 2.87 -3.59	51.17 3.90 -2.41	52.98 4.20 -0.02	47.70 3.79 0.09	44.01 3.25 -1.13	45.43 2.49 -6.28	39.17 2.57 0.20	36.15 2.08 0.00
ARTHUR_KILL_3 23513	40.00 2.08 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.91 1.72 0.00	38.06 1.78 0.00	40.46 2.22 0.00	49.91 3.13 0.01	49.80 3.72 4.95	48.57 3.44 -0.45	46.08 2.52 -8.07	45.61 2.36 -7.49	43.74 2.26 -8.71	42.99 2.14 -9.89	41.54 2.12 -9.18	43.15 2.20 -8.97	41.55 2.38 -4.63	45.72 2.91 -3.55	48.31 3.59 0.14	50.87 3.81 1.71	47.48 3.56 0.09	44.00 3.25 -1.11	45.22 2.42 -6.14	39.02 2.43 0.20	35.94 1.87 0.00

ARTHUR_KILL_COGEN 323718	40.45 2.54 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.39 2.10 0.00	40.69 2.45 0.00	50.15 3.37 0.00	56.72 4.03 -1.67	50.80 3.71 -2.42	46.16 2.59 -8.08	45.65 2.40 -7.49	43.70 2.23 -8.70	42.92 2.08 -9.88	41.44 2.03 -9.17	43.10 2.14 -8.98	41.51 2.28 -4.69	45.84 2.98 -3.59	51.31 4.04 -2.41	53.13 4.34 -0.02	47.83 3.92 0.09	44.13 3.37 -1.13	45.54 2.60 -6.28	39.28 2.68 0.20	36.25 2.18 0.00
ASHOKAN____ 23654	40.41 2.50 0.00	38.97 2.28 0.00	37.34 2.18 0.00	37.37 2.18 0.00	38.54 2.25 0.00	40.91 2.68 0.00	50.38 3.60 0.00	54.87 1.99 -1.86	47.18 2.50 0.00	36.83 1.35 0.00	36.73 0.97 0.00	33.49 0.72 0.00	31.58 0.62 0.00	30.73 0.54 0.06	32.42 0.70 0.26	35.20 1.07 0.41	40.70 1.69 0.25	47.21 2.51 0.16	51.70 2.93 0.00	46.60 2.68 0.09	41.81 2.26 0.08	38.38 1.90 0.18	38.37 1.77 0.19	35.91 1.84 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.45 2.54 0.00	38.97 2.28 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.39 2.10 0.00	40.72 2.48 0.00	50.19 3.41 0.00	56.82 4.13 -1.67	51.00 3.93 -2.39	46.35 2.80 -8.07	45.85 2.61 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.30 2.37 -8.96	41.70 2.52 -4.64	45.99 3.18 -3.54	51.31 4.08 -2.38	53.07 4.29 -0.01	47.92 4.00 0.10	44.23 3.49 -1.11	45.99 2.64 -6.69	39.16 2.57 0.21	36.25 2.18 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.45 2.54 0.00	38.97 2.28 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.39 2.10 0.00	40.72 2.48 0.00	50.19 3.41 0.00	56.82 4.13 -1.67	51.00 3.93 -2.39	46.35 2.80 -8.07	45.85 2.61 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.30 2.37 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.31 4.08 -2.38	53.07 4.29 -0.01	47.92 4.00 0.10	44.23 3.49 -1.11	45.99 2.64 -6.69	39.16 2.57 0.21	36.25 2.18 0.00
ASTORIA_GT2_1 24094	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT2_2 24095	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT2_3 24096	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT2_4 24097	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT3_1 24098	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT3_2 24099	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT3_3 24100	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT3_4 24101	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT4_1 24102	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT4_2 24103	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT4_3 24104	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00

ASTORIA_GT4_4 24105	40.49 2.58 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.98 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.14 2.29 -9.88	41.70 2.27 -9.19	43.33 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.13 -2.38	53.08 4.29 -0.02	47.79 3.87 0.09	44.27 3.53 -1.11	45.92 2.57 -6.69	39.21 2.61 0.20	36.32 2.25 0.00
ASTORIA_GT_1 23523	40.53 2.61 0.00	39.04 2.35 0.00	37.27 2.11 0.00	37.27 2.08 0.00	38.46 2.18 0.00	40.80 2.56 0.00	50.29 3.51 0.00	56.98 4.29 -1.67	51.13 4.07 -2.39	46.46 2.91 -8.07	45.96 2.72 -7.48	44.00 2.52 -8.70	43.20 2.35 -9.88	41.76 2.33 -9.19	43.40 2.46 -8.96	41.80 2.62 -4.64	46.07 3.26 -3.54	51.45 4.22 -2.38	53.17 4.39 -0.01	48.00 4.09 0.10	44.31 3.57 -1.11	46.06 2.71 -6.69	39.27 2.68 0.21	36.32 2.25 0.00
ASTORIA_GT_10 24110	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	46.27 2.53 -7.09	39.25 2.65 0.20	36.28 2.21 0.00
ASTORIA_GT_11 24225	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	46.27 2.53 -7.09	39.25 2.65 0.20	36.28 2.21 0.00
ASTORIA_GT_12 24226	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	46.27 2.53 -7.09	39.25 2.65 0.20	36.28 2.21 0.00
ASTORIA_GT_13 24227	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	46.27 2.53 -7.09	39.25 2.65 0.20	36.28 2.21 0.00
ASTORIA_GT_5 24106	40.53 2.62 0.00	39.04 2.35 0.00	37.27 2.11 0.00	37.27 2.08 0.00	38.46 2.18 0.00	40.80 2.56 0.00	50.34 3.56 0.00	56.98 4.29 -1.67	51.13 4.07 -2.39	46.46 2.91 -8.07	45.96 2.72 -7.48	44.00 2.52 -8.70	43.20 2.35 -9.88	41.76 2.33 -9.19	43.37 2.43 -8.96	41.80 2.62 -4.64	46.07 3.26 -3.54	51.40 4.17 -2.38	53.18 4.39 -0.02	47.88 3.96 0.09	44.31 3.57 -1.11	45.99 2.64 -6.69	39.25 2.65 0.20	36.35 2.28 0.00
ASTORIA_GT_7 24107	40.53 2.62 0.00	39.04 2.35 0.00	37.27 2.11 0.00	37.27 2.08 0.00	38.46 2.18 0.00	40.80 2.56 0.00	50.34 3.56 0.00	56.98 4.29 -1.67	51.13 4.07 -2.39	46.46 2.91 -8.07	45.96 2.72 -7.48	44.00 2.52 -8.70	43.20 2.35 -9.88	41.76 2.33 -9.19	43.37 2.43 -8.96	41.80 2.62 -4.64	46.07 3.26 -3.54	51.40 4.17 -2.38	53.18 4.39 -0.02	47.88 3.96 0.09	44.31 3.57 -1.11	45.99 2.64 -6.69	39.25 2.65 0.20	36.35 2.28 0.00
ASTORIA_GT_8 24108	40.53 2.62 0.00	39.04 2.35 0.00	37.27 2.11 0.00	37.27 2.08 0.00	38.46 2.18 0.00	40.80 2.56 0.00	50.34 3.56 0.00	56.98 4.29 -1.67	51.13 4.07 -2.39	46.46 2.91 -8.07	45.96 2.72 -7.48	44.00 2.52 -8.70	43.20 2.35 -9.88	41.76 2.33 -9.19	43.37 2.43 -8.96	41.80 2.62 -4.64	46.07 3.26 -3.54	51.40 4.17 -2.38	53.18 4.39 -0.02	47.88 3.96 0.09	44.31 3.57 -1.11	45.99 2.64 -6.69	39.25 2.65 0.20	36.35 2.28 0.00
ASTORIA___2 24149	40.49 2.58 0.00	38.97 2.28 0.00	37.23 2.07 0.00	37.23 2.04 0.00	38.43 2.14 0.00	40.72 2.48 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	51.04 3.97 -2.39	46.39 2.84 -8.07	45.89 2.65 -7.48	43.93 2.46 -8.70	43.17 2.32 -9.88	41.70 2.27 -9.19	43.34 2.40 -8.96	41.74 2.56 -4.64	45.99 3.18 -3.54	51.36 4.12 -2.38	53.07 4.29 -0.01	47.92 4.00 0.10	44.27 3.53 -1.11	46.02 2.67 -6.69	39.20 2.61 0.21	36.28 2.21 0.00
ASTORIA___3 23516	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.23 2.04 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.42 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.88 3.96 0.09	44.21 3.45 -1.13	46.35 2.60 -7.09	39.25 2.65 0.20	36.25 2.18 0.00
ASTORIA___4 23517	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	46.27 2.53 -7.09	39.25 2.65 0.20	36.28 2.21 0.00
ASTORIA___5 23518	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.23 2.04 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.42 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.88 3.96 0.09	44.21 3.45 -1.13	46.35 2.60 -7.09	39.25 2.65 0.20	36.25 2.18 0.00
AST_ENERGY_2_CC3 323677	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.19 3.41 0.00	56.72 4.03 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.79 2.54 -7.49	43.84 2.36 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.89 4.10 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.25 2.53 -6.06	39.13 2.54 0.20	36.08 2.01 0.00
AST_ENERGY_2_CC4 323678	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.19 3.41 0.00	56.72 4.03 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.79 2.54 -7.49	43.84 2.36 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.89 4.10 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.25 2.53 -6.06	39.13 2.54 0.20	36.08 2.01 0.00

ATHENS_STG_1 23668	39.24 1.33 0.00	37.90 1.21 0.00	36.32 1.16 0.00	36.35 1.16 0.00	37.48 1.20 0.00	39.69 1.45 0.00	48.89 2.11 0.00	55.32 2.45 -1.85	46.82 2.14 0.00	37.01 1.52 0.00	37.16 1.39 0.00	34.08 1.31 0.00	32.17 1.21 0.00	31.39 1.21 0.06	32.95 1.25 0.27	35.49 1.38 0.43	40.77 1.77 0.27	46.93 2.24 0.17	51.16 2.39 0.00	46.11 2.20 0.09	41.53 1.98 0.09	37.97 1.50 0.19	38.03 1.43 0.19	35.26 1.19 0.00
ATHENS_STG_2 23670	39.24 1.33 0.00	37.90 1.21 0.00	36.32 1.16 0.00	36.35 1.16 0.00	37.48 1.20 0.00	39.69 1.45 0.00	48.89 2.11 0.00	55.32 2.45 -1.85	46.82 2.14 0.00	37.01 1.52 0.00	37.16 1.39 0.00	34.08 1.31 0.00	32.17 1.21 0.00	31.39 1.21 0.06	32.95 1.25 0.27	35.49 1.38 0.43	40.77 1.77 0.27	46.93 2.24 0.17	51.16 2.39 0.00	46.11 2.20 0.09	41.53 1.98 0.09	37.97 1.50 0.19	38.03 1.43 0.19	35.26 1.19 0.00
ATHENS_STG_3 23677	39.24 1.33 0.00	37.90 1.21 0.00	36.32 1.16 0.00	36.35 1.16 0.00	37.48 1.20 0.00	39.69 1.45 0.00	48.89 2.11 0.00	55.32 2.45 -1.85	46.82 2.14 0.00	37.01 1.52 0.00	37.16 1.39 0.00	34.08 1.31 0.00	32.17 1.21 0.00	31.39 1.21 0.06	32.95 1.25 0.27	35.49 1.38 0.43	40.77 1.77 0.27	46.93 2.24 0.17	51.16 2.39 0.00	46.11 2.20 0.09	41.53 1.98 0.09	37.97 1.50 0.19	38.03 1.43 0.19	35.26 1.19 0.00
AUBURN___LFGE 323710	37.12 -0.76 0.04	35.90 -0.77 0.02	34.40 -0.74 0.02	34.46 -0.70 0.02	35.57 -0.69 0.02	37.78 -0.46 0.00	46.20 -0.47 0.11	52.89 -0.31 -2.17	44.10 -0.58 0.00	34.88 -0.60 0.00	34.99 -0.75 0.02	32.05 -0.72 0.00	30.18 -0.77 0.01	28.84 -0.76 0.64	28.48 -0.80 2.70	29.43 -0.79 4.31	35.85 -0.75 2.67	42.56 -0.63 1.67	53.35 -0.59 -5.16	44.68 -0.57 -1.24	38.21 -0.55 0.87	34.09 -0.70 1.87	33.99 -0.85 1.96	33.29 -0.78 0.00
BABYLON_RES_REC 323704	43.48 3.07 -2.50	40.31 2.86 -0.76	38.43 2.71 -0.57	38.10 2.67 -0.23	39.73 2.76 -0.69	45.51 3.25 -4.02	57.75 4.59 -6.38	64.79 5.36 -8.41	57.66 4.78 -8.20	45.05 3.37 -6.19	44.35 3.25 -5.33	40.44 3.01 -4.65	35.51 2.82 -1.72	35.38 2.78 -2.36	37.24 2.94 -2.32	43.76 3.18 -6.04	49.57 3.96 -6.33	67.79 4.98 -17.96	67.92 5.32 -13.83	58.40 4.88 -9.51	51.78 4.32 -7.82	48.11 3.48 -7.96	43.78 3.31 -3.67	40.55 2.79 -3.68
BABYLON___69_KV_BK2 356345	43.94 3.53 -2.50	40.75 3.30 -0.76	38.86 3.13 -0.57	38.56 3.13 -0.23	40.21 3.23 -0.69	46.01 3.75 -4.02	58.45 5.29 -6.38	65.61 6.17 -8.41	58.28 5.41 -8.20	45.51 3.83 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.85 3.16 -1.72	35.74 3.15 -2.36	37.62 3.33 -2.32	44.21 3.63 -6.04	50.16 4.56 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.06 5.54 -9.51	52.42 4.95 -7.82	48.54 3.96 -7.93	44.26 3.79 -3.68	40.99 3.24 -3.68
BALL_HILL_WT_PWR 323825	33.92 -3.90 0.08	33.12 -3.52 0.05	31.70 -3.41 0.05	31.94 -3.20 0.05	32.93 -3.30 0.05	35.14 -3.10 0.00	41.26 -5.24 0.28	44.91 -5.41 0.70	40.17 -4.51 0.00	31.80 -3.69 0.00	31.92 -3.79 0.05	29.62 -3.15 0.00	28.20 -2.76 0.01	26.90 -2.72 0.62	26.36 -3.01 2.60	27.03 -3.35 4.16	32.57 -4.12 2.58	38.38 -4.80 1.68	40.84 -5.42 2.52	37.09 -4.89 2.03	34.64 -4.16 0.84	30.78 -4.07 1.81	30.64 -4.27 1.89	30.83 -3.24 0.00
BARON_WINDS___WT_PWR 323822	36.91 -0.95 0.05	35.89 -0.77 0.03	34.35 -0.77 0.03	34.59 -0.56 0.03	35.78 -0.47 0.03	38.01 -0.23 0.00	45.82 -0.80 0.16	52.39 -0.46 -1.82	44.14 -0.53 0.00	34.85 -0.64 0.00	34.91 -0.82 0.03	32.15 -0.62 0.00	30.37 -0.59 0.01	29.00 -0.73 0.52	28.97 -0.83 2.17	30.17 -0.90 3.46	36.26 -0.86 2.15	42.87 -0.63 1.36	51.73 -0.78 -3.74	44.12 -0.71 -0.82	38.26 -0.67 0.70	34.42 -0.73 1.51	34.19 -1.03 1.57	33.46 -0.61 0.00
BARRETT_IC_1 23704	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_10 23701	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_11 23702	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_12 23703	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_2 23705	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_3 23706	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_4 23707	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68

BARRETT_IC_5 23708	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_6 23709	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_7 23710	43.06 2.65 -2.50	39.94 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.90 3.74 -6.38	63.93 4.49 -8.41	56.85 3.98 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.05 2.62 -4.65	35.20 2.51 -1.72	35.08 2.48 -2.36	36.89 2.59 -2.32	43.27 2.69 -6.04	48.90 3.30 -6.33	66.94 4.13 -17.96	67.00 4.39 -13.83	57.48 3.96 -9.51	51.11 3.65 -7.82	47.55 2.79 -8.11	43.27 2.80 -3.68	40.14 2.38 -3.68
BARRETT_IC_8 23711	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT_IC_9 23700	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT___1 23545	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BARRETT___2 23546	43.06 2.65 -2.50	39.95 2.50 -0.76	38.05 2.32 -0.57	37.75 2.32 -0.23	39.37 2.39 -0.69	45.05 2.79 -4.02	56.91 3.74 -6.38	63.93 4.49 -8.41	56.85 3.97 -8.20	44.66 2.98 -6.19	43.85 2.75 -5.33	40.08 2.65 -4.65	35.23 2.54 -1.72	35.11 2.51 -2.36	36.88 2.59 -2.32	43.28 2.70 -6.04	48.90 3.30 -6.33	66.94 4.12 -17.96	67.04 4.44 -13.83	57.56 4.05 -9.51	51.11 3.64 -7.82	47.62 2.86 -8.11	43.26 2.80 -3.67	40.10 2.35 -3.68
BATAVIA__115KV_TB1 55881	34.71 -3.11 0.09	33.66 -2.97 0.06	32.22 -2.88 0.06	32.28 -2.85 0.06	33.33 -2.90 0.06	35.60 -2.64 0.00	42.47 -4.02 0.29	45.77 -4.34 0.92	40.75 -3.93 0.00	32.29 -3.19 0.00	32.31 -3.40 0.06	29.85 -2.92 0.00	28.29 -2.66 0.01	27.18 -2.42 0.64	26.72 -2.56 2.70	27.47 -2.76 4.30	33.30 -3.30 2.67	39.24 -3.90 1.71	41.56 -4.15 3.07	37.90 -3.83 2.28	35.48 -3.29 0.87	31.52 -3.26 1.87	31.42 -3.42 1.95	31.00 -3.07 0.00
BAYONEEC___CTG1 323682	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG10 323750	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG2 323683	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG3 323684	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG4 323685	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG5 323686	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG6 323687	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00

BAYONEEC___CTG7 323688	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG8 323689	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BAYONEEC___CTG9 323749	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.67 3.98 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.07 -3.55	51.05 3.81 -2.38	52.83 4.05 -0.02	47.70 3.79 0.09	44.12 3.37 -1.11	45.35 2.57 -6.13	39.13 2.54 0.20	36.08 2.01 0.00
BEACON___LESR 323632	39.50 1.59 0.00	38.09 1.39 0.00	36.57 1.41 0.00	36.56 1.37 0.00	37.70 1.41 0.00	40.07 1.84 0.00	49.40 2.62 0.00	55.98 2.91 -2.05	47.13 2.46 0.00	37.23 1.74 0.00	37.27 1.50 0.00	34.15 1.38 0.00	32.24 1.27 0.00	31.43 1.24 0.05	33.10 1.34 0.22	35.75 1.56 0.35	41.10 2.04 0.21	47.23 2.51 0.13	51.50 2.73 0.00	46.44 2.51 0.08	41.79 2.22 0.07	38.19 1.69 0.15	38.25 1.62 0.16	35.67 1.60 0.00
BEAVER RIVER___HYD 24048	37.87 -0.04 0.01	36.61 -0.07 0.01	35.05 -0.11 0.01	35.08 -0.11 0.01	36.21 -0.07 0.01	38.24 0.00 0.00	46.80 0.05 0.03	51.20 0.10 -0.07	44.68 0.00 0.00	35.28 -0.21 0.00	35.40 -0.36 0.01	32.24 -0.53 0.00	30.53 -0.43 0.00	29.51 -0.45 0.28	30.37 -0.42 1.19	32.29 -0.35 1.90	37.90 -0.20 1.18	44.17 0.04 0.73	48.97 0.20 0.00	43.68 0.09 0.42	39.25 0.00 0.38	35.80 -0.04 0.83	35.71 -0.22 0.86	33.90 -0.17 0.00
BEEBEE_GT_13 23619	35.47 -2.35 0.09	34.29 -2.35 0.06	32.89 -2.22 0.06	32.92 -2.22 0.06	33.83 -2.39 0.06	36.02 -2.22 0.00	43.50 -2.99 0.29	46.96 -3.16 0.90	41.55 -3.13 0.00	32.97 -2.52 0.00	33.06 -2.65 0.06	30.51 -2.26 0.00	28.82 -2.14 0.01	27.77 -1.81 0.66	27.30 -1.92 2.76	28.06 -2.07 4.40	34.10 -2.43 2.73	40.29 -2.87 1.70	42.68 -3.07 3.02	38.94 -2.82 2.25	36.29 -2.46 0.89	32.29 -2.46 1.92	32.22 -2.58 2.00	31.62 -2.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.68 2.77 0.00	39.19 2.50 0.00	37.41 2.25 0.00	37.41 2.22 0.00	38.61 2.32 0.00	40.95 2.71 0.00	50.66 3.88 0.00	57.34 4.64 -1.67	51.34 4.24 -2.42	46.66 3.02 -8.16	46.19 2.86 -7.57	44.20 2.62 -8.80	43.41 2.45 -9.99	41.94 2.42 -9.28	43.60 2.56 -9.07	41.96 2.73 -4.69	46.32 3.46 -3.59	51.80 4.53 -2.41	53.62 4.83 -0.02	48.28 4.36 0.09	44.57 3.81 -1.13	45.83 2.86 -6.31	39.58 2.98 0.20	36.52 2.45 0.00
BETHLEHEM___GRP 23843	38.82 0.91 0.00	37.46 0.77 0.00	35.97 0.81 0.00	36.00 0.81 0.00	37.05 0.76 0.00	39.35 1.11 0.00	48.42 1.64 0.00	54.92 1.84 -2.06	46.24 1.56 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.69 0.92 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.65 0.90 0.22	35.19 1.00 0.35	40.35 1.30 0.21	46.34 1.61 0.13	50.53 1.76 0.00	45.56 1.63 0.08	40.99 1.43 0.07	37.57 1.06 0.15	37.63 0.99 0.16	35.19 1.12 0.00
BETHLEHEM___GS1 323560	38.82 0.91 0.00	37.46 0.77 0.00	35.97 0.81 0.00	35.96 0.77 0.00	37.05 0.76 0.00	39.35 1.11 0.00	48.42 1.64 0.00	54.91 1.83 -2.06	46.24 1.56 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.69 0.92 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.65 0.89 0.22	35.19 1.00 0.35	40.35 1.29 0.21	46.33 1.61 0.13	50.53 1.75 0.00	45.56 1.63 0.08	41.03 1.47 0.07	37.53 1.02 0.15	37.63 0.99 0.16	35.19 1.12 0.00
BETHLEHEM___GS2 323561	38.82 0.91 0.00	37.46 0.77 0.00	35.97 0.81 0.00	35.96 0.77 0.00	37.05 0.76 0.00	39.35 1.11 0.00	48.42 1.64 0.00	54.91 1.83 -2.06	46.24 1.56 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.69 0.92 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.65 0.89 0.22	35.19 1.00 0.35	40.35 1.29 0.21	46.33 1.61 0.13	50.53 1.75 0.00	45.56 1.63 0.08	41.03 1.47 0.07	37.53 1.02 0.15	37.63 0.99 0.16	35.19 1.12 0.00
BETHLEHEM___GS3 323562	38.82 0.91 0.00	37.46 0.77 0.00	35.97 0.81 0.00	35.96 0.77 0.00	37.05 0.76 0.00	39.35 1.11 0.00	48.42 1.64 0.00	54.91 1.83 -2.06	46.24 1.56 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.69 0.92 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.65 0.89 0.22	35.19 1.00 0.35	40.35 1.29 0.21	46.33 1.61 0.13	50.53 1.75 0.00	45.56 1.63 0.08	41.03 1.47 0.07	37.53 1.02 0.15	37.63 0.99 0.16	35.19 1.12 0.00
BETHLEHEM___STEEL 23779	33.69 -4.13 0.09	32.93 -3.71 0.05	31.45 -3.66 0.05	31.51 -3.62 0.05	32.71 -3.52 0.05	34.95 -3.29 0.00	40.93 -5.57 0.29	44.38 -5.87 0.78	39.81 -4.87 0.00	31.69 -3.80 0.00	31.74 -3.97 0.05	29.46 -3.31 0.00	27.92 -3.03 0.01	26.62 -2.99 0.63	26.12 -3.23 2.63	26.79 -3.56 4.19	32.23 -4.44 2.60	37.96 -5.20 1.69	40.32 -5.76 2.70	36.66 -5.24 2.11	34.27 -4.52 0.84	30.47 -4.36 1.82	30.40 -4.49 1.90	30.42 -3.65 0.00
BETHLHEM_115KV_TB1 79974	38.86 0.95 0.00	37.50 0.81 0.00	36.00 0.84 0.00	36.03 0.84 0.00	37.08 0.80 0.00	39.39 1.15 0.00	48.51 1.73 0.00	54.97 1.89 -2.06	46.29 1.61 0.00	36.66 1.17 0.00	36.69 0.93 0.00	33.69 0.92 0.00	31.86 0.90 0.00	31.07 0.88 0.05	32.68 0.93 0.22	35.23 1.04 0.35	40.39 1.34 0.21	46.38 1.66 0.13	50.58 1.80 0.00	45.65 1.72 0.08	41.07 1.51 0.07	37.61 1.10 0.15	37.67 1.03 0.16	35.23 1.16 0.00
BETHPAGE_CC_5 323564	43.18 2.77 -2.50	40.02 2.57 -0.76	38.15 2.42 -0.57	37.85 2.43 -0.23	39.48 2.50 -0.69	45.21 2.94 -4.02	57.23 4.07 -6.38	64.23 4.79 -8.41	57.16 4.29 -8.20	44.80 3.12 -6.19	44.06 2.97 -5.33	40.24 2.82 -4.65	35.29 2.60 -1.72	35.17 2.57 -2.36	37.01 2.72 -2.32	43.48 2.90 -6.04	49.18 3.57 -6.33	67.30 4.49 -17.96	67.39 4.78 -13.83	57.92 4.40 -9.51	51.39 3.92 -7.82	47.76 3.11 -7.99	43.52 3.05 -3.67	40.37 2.62 -3.68
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.66 -4.17 0.08	32.97 -3.67 0.05	31.41 -3.69 0.05	31.51 -3.62 0.05	32.82 -3.41 0.05	35.03 -3.21 0.00	40.93 -5.57 0.28	44.48 -5.82 0.73	39.94 -4.74 0.00	31.80 -3.69 0.00	31.81 -3.90 0.05	29.56 -3.21 0.00	28.02 -2.94 0.01	26.59 -3.02 0.62	26.10 -3.26 2.61	26.77 -3.59 4.17	32.21 -4.48 2.59	37.97 -5.20 1.69	40.49 -5.71 2.58	36.71 -5.24 2.06	34.28 -4.52 0.84	30.48 -4.36 1.81	30.41 -4.49 1.89	30.53 -3.54 0.00

BINGHAMTON___COGEN 23790	37.46 -0.42 0.03	36.31 -0.37 0.02	34.75 -0.39 0.02	34.82 -0.35 0.02	36.01 -0.25 0.02	38.16 -0.08 0.00	46.49 -0.19 0.10	52.27 0.00 -1.25	44.54 -0.13 0.00	35.24 -0.25 0.00	35.35 -0.39 0.02	32.44 -0.33 0.00	30.62 -0.34 0.01	29.46 -0.36 0.42	29.80 -0.42 1.75	31.32 -0.41 2.80	37.22 -0.31 1.74	43.63 -0.13 1.09	50.38 -0.20 -1.80	43.97 -0.18 -0.14	38.91 -0.16 0.56	35.11 -0.33 1.22	35.04 -0.48 1.27	33.69 -0.37 0.00
BIXINCNT_115KV_LOAD 355685	33.74 -4.09 0.08	33.19 -3.45 0.05	31.59 -3.52 0.05	31.69 -3.45 0.05	33.26 -2.98 0.05	35.52 -2.71 0.00	41.32 -5.19 0.27	45.34 -5.20 0.48	40.79 -3.89 0.00	32.33 -3.16 0.00	32.32 -3.40 0.05	30.02 -2.75 0.00	28.45 -2.51 0.01	26.79 -2.84 0.61	26.31 -3.10 2.56	26.99 -3.45 4.09	32.53 -4.20 2.54	38.50 -4.71 1.65	41.58 -5.22 1.97	37.39 -4.84 1.78	34.69 -4.12 0.82	30.74 -4.14 1.78	30.63 -4.30 1.86	30.93 -3.13 0.00
BLACK RIVER___HYD 24047	37.80 -0.11 0.00	36.51 -0.18 0.00	34.95 -0.21 0.00	34.98 -0.21 0.00	36.07 -0.22 0.00	38.16 -0.08 0.00	46.83 0.05 0.00	51.33 0.20 -0.10	44.59 -0.09 0.00	35.13 -0.35 0.00	35.19 -0.57 0.00	32.02 -0.75 0.00	30.28 -0.68 0.01	29.10 -0.73 0.42	29.54 -0.67 1.76	31.21 -0.52 2.81	37.26 -0.27 1.74	43.86 0.09 1.09	49.12 0.34 0.00	43.52 0.13 0.62	39.11 0.04 0.57	35.40 -0.04 1.22	35.22 -0.30 1.27	33.80 -0.27 0.00
BLACKRVR_115KV_TB2 79977	37.80 -0.11 0.00	36.51 -0.18 0.00	34.95 -0.21 0.00	34.98 -0.21 0.00	36.07 -0.22 0.00	38.16 -0.08 0.00	46.83 0.05 0.00	51.33 0.20 -0.10	44.59 -0.09 0.00	35.13 -0.35 0.00	35.19 -0.57 0.00	32.02 -0.75 0.00	30.28 -0.68 0.01	29.10 -0.73 0.42	29.54 -0.67 1.76	31.21 -0.52 2.81	37.25 -0.27 1.74	43.86 0.09 1.09	49.11 0.34 0.00	43.57 0.18 0.62	39.11 0.04 0.57	35.40 -0.04 1.22	35.23 -0.29 1.27	33.76 -0.31 0.00
BLISS_WT_PWR 323608	33.85 -3.98 0.08	33.19 -3.45 0.05	31.77 -3.34 0.05	32.18 -2.96 0.05	33.26 -2.97 0.05	35.56 -2.68 0.00	41.36 -5.15 0.27	45.39 -5.15 0.48	40.83 -3.84 0.00	32.22 -3.26 0.00	32.21 -3.50 0.05	29.98 -2.79 0.00	28.51 -2.45 0.01	26.85 -2.78 0.61	26.34 -3.07 2.56	27.06 -3.38 4.09	32.57 -4.16 2.54	38.54 -4.67 1.65	41.58 -5.22 1.97	37.48 -4.75 1.78	34.73 -4.08 0.82	30.77 -4.10 1.78	30.63 -4.30 1.86	31.14 -2.93 0.00
BLUESTONE___WT_PWR 323821	40.16 2.27 0.03	38.84 2.16 0.02	37.18 2.04 0.02	37.32 2.15 0.02	38.59 2.32 0.02	41.03 2.79 0.00	50.21 3.51 0.08	56.41 4.13 -1.26	47.90 3.22 0.00	37.51 2.02 0.00	37.43 1.68 0.02	34.18 1.41 0.00	32.26 1.30 0.00	31.06 1.18 0.36	31.80 1.34 1.51	33.74 1.62 2.42	40.09 2.32 1.50	47.19 3.27 0.94	54.25 3.76 -1.72	47.51 3.30 -0.20	42.04 2.89 0.49	38.02 2.42 1.05	37.76 2.06 1.10	35.98 1.91 0.00
BLUE_CIRC_CHEM_DRP 24182	39.24 1.33 0.00	37.90 1.21 0.00	36.35 1.20 0.00	36.39 1.20 0.00	37.48 1.20 0.00	39.73 1.49 0.00	48.79 2.01 0.00	55.24 2.19 -2.02	46.51 1.83 0.00	36.76 1.28 0.00	36.87 1.11 0.00	33.79 1.02 0.00	31.93 0.96 0.00	31.16 0.97 0.05	32.77 1.02 0.22	35.36 1.17 0.35	40.58 1.53 0.22	46.60 1.88 0.14	50.82 2.05 0.00	45.82 1.89 0.08	41.27 1.70 0.07	37.82 1.32 0.15	37.88 1.25 0.16	35.33 1.26 0.00
BOC_GAS_DRP 24189	38.94 1.02 0.00	37.61 0.92 0.00	36.04 0.88 0.00	36.07 0.88 0.00	37.16 0.87 0.00	39.39 1.15 0.00	48.42 1.64 0.00	54.91 1.84 -2.04	46.29 1.61 0.00	36.62 1.14 0.00	36.77 1.00 0.00	33.72 0.95 0.00	31.86 0.90 0.00	31.07 0.88 0.05	32.68 0.93 0.22	35.23 1.04 0.34	40.39 1.34 0.21	46.38 1.66 0.13	50.58 1.80 0.00	45.60 1.67 0.08	41.07 1.51 0.07	37.61 1.10 0.15	37.70 1.07 0.16	35.06 0.99 0.00
BOONVILLE_115KV_TB1 79983	38.70 0.80 0.01	37.42 0.73 0.01	35.85 0.70 0.01	35.89 0.70 0.01	37.04 0.76 0.01	39.23 0.99 0.00	48.05 1.31 0.04	52.67 1.58 -0.06	45.93 1.25 0.00	36.27 0.78 0.00	36.33 0.57 0.01	33.16 0.39 0.00	31.37 0.40 0.00	30.36 0.33 0.21	31.50 0.42 0.89	33.68 0.55 1.41	39.22 0.82 0.88	45.52 1.21 0.55	50.24 1.46 0.00	44.93 1.23 0.31	40.38 1.03 0.28	36.89 0.84 0.62	36.85 0.70 0.64	34.68 0.61 0.00
BORALEX_4TH_BRANCH 23824	40.00 2.09 0.00	38.60 1.91 0.00	37.02 1.86 0.00	37.06 1.87 0.00	38.17 1.89 0.00	40.53 2.29 0.00	49.91 3.13 0.00	56.70 3.62 -2.05	47.80 3.13 0.00	37.72 2.24 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.73 1.77 0.00	31.94 1.75 0.05	33.61 1.85 0.22	36.19 2.00 0.35	41.61 2.55 0.21	47.86 3.14 0.13	52.19 3.41 0.00	47.06 3.12 0.08	42.38 2.81 0.07	38.74 2.24 0.15	38.77 2.13 0.16	35.98 1.91 0.00
BOWLINE___1 23526	39.69 1.78 0.00	38.30 1.61 0.00	36.67 1.51 0.00	36.70 1.51 0.00	37.84 1.56 0.00	40.15 1.91 0.00	49.59 2.81 0.00	56.06 3.42 -1.62	47.67 2.99 0.00	37.62 2.13 0.00	37.73 1.97 0.00	34.64 1.87 0.00	32.70 1.73 0.00	31.89 1.72 0.07	33.46 1.79 0.30	35.98 1.93 0.49	41.40 2.44 0.30	47.85 3.19 0.19	52.14 3.36 0.00	47.02 3.12 0.11	42.31 2.77 0.10	38.99 2.09 -0.24	38.60 2.02 0.22	35.64 1.57 0.00
BOWLINE___2 23595	39.69 1.78 0.00	38.30 1.61 0.00	36.67 1.51 0.00	36.70 1.51 0.00	37.84 1.56 0.00	40.15 1.91 0.00	49.59 2.81 0.00	56.06 3.42 -1.62	47.67 2.99 0.00	37.62 2.13 0.00	37.73 1.97 0.00	34.64 1.87 0.00	32.70 1.73 0.00	31.89 1.72 0.07	33.46 1.79 0.30	35.98 1.93 0.49	41.40 2.44 0.30	47.85 3.19 0.19	52.14 3.36 0.00	47.02 3.12 0.11	42.31 2.77 0.10	38.99 2.09 -0.24	38.60 2.02 0.22	35.64 1.57 0.00
BRADY___115KV_TB2 356060	38.44 0.53 0.00	37.32 0.62 0.00	35.76 0.60 0.00	35.79 0.60 0.00	37.01 0.73 0.00	38.62 0.38 0.00	46.83 0.05 0.00	50.92 -0.10 0.00	44.86 0.18 0.00	35.77 0.28 0.00	36.19 0.43 0.00	33.03 0.26 0.00	31.46 0.50 0.00	30.60 0.42 0.07	32.17 0.48 0.28	34.39 0.31 0.45	39.11 0.12 0.28	44.72 0.04 0.18	48.92 0.15 0.00	43.91 0.00 0.10	39.55 0.00 0.09	36.83 0.37 0.20	36.96 0.37 0.21	34.61 0.55 0.00
BRANSCOMB___SOLAR 323811	39.43 1.52 0.00	38.09 1.39 0.00	36.50 1.34 0.00	36.53 1.34 0.00	37.66 1.38 0.00	40.04 1.80 0.00	49.31 2.52 0.00	55.99 2.86 -2.11	46.91 2.23 0.00	36.91 1.42 0.00	36.98 1.22 0.00	33.85 1.08 0.00	31.93 0.96 0.00	31.13 0.94 0.05	32.79 1.02 0.21	35.44 1.24 0.34	40.95 1.88 0.21	47.15 2.42 0.13	51.45 2.68 0.00	46.31 2.37 0.07	41.71 2.14 0.07	38.05 1.54 0.15	38.08 1.43 0.15	35.36 1.29 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.90 3.49 -2.50	40.71 3.27 -0.76	38.82 3.09 -0.57	38.52 3.10 -0.23	40.17 3.19 -0.69	45.93 3.67 -4.02	58.35 5.19 -6.38	65.51 6.07 -8.41	58.19 5.32 -8.20	45.44 3.76 -6.19	44.74 3.65 -5.33	40.77 3.34 -4.65	35.82 3.13 -1.72	35.68 3.08 -2.36	37.56 3.26 -2.32	44.14 3.56 -6.04	50.04 4.44 -6.33	68.37 5.56 -17.96	68.56 5.95 -13.83	58.88 5.37 -9.51	52.30 4.84 -7.82	48.36 3.85 -7.86	44.19 3.72 -3.68	40.92 3.17 -3.68

BRISTLHL_115KV_TB1 79998	36.48 -1.44 -0.01	35.27 -1.43 -0.01	33.80 -1.37 -0.01	33.83 -1.37 -0.01	34.80 -1.49 -0.01	36.86 -1.38 0.00	45.18 -1.64 -0.04	49.81 -1.68 -0.47	42.89 -1.79 0.00	33.96 -1.53 0.00	34.16 -1.61 -0.01	31.26 -1.51 0.00	29.44 -1.52 0.01	28.05 -1.48 0.71	27.49 -1.53 2.95	28.24 -1.59 4.71	34.66 -1.69 2.92	41.24 -1.79 1.82	47.68 -1.90 -0.81	41.60 -1.72 0.69	37.10 -1.59 0.95	33.03 -1.58 2.05	33.00 -1.66 2.14	32.57 -1.50 0.00
BROOKHAVEN___DRP 24191	43.86 3.45 -2.50	40.68 3.23 -0.76	38.79 3.06 -0.57	38.49 3.06 -0.23	40.13 3.16 -0.69	45.97 3.71 -4.02	58.40 5.24 -6.38	65.56 6.12 -8.41	58.19 5.32 -8.20	45.37 3.69 -6.19	44.70 3.61 -5.33	40.73 3.31 -4.65	35.72 3.03 -1.72	35.59 2.99 -2.36	37.49 3.20 -2.32	44.10 3.52 -6.04	50.04 4.44 -6.33	68.42 5.61 -17.96	68.61 6.00 -13.83	58.97 5.46 -9.51	52.34 4.88 -7.82	48.36 3.85 -7.85	44.23 3.75 -3.68	40.92 3.17 -3.68
BROOKLYN_NAVY_YARD 23515	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.02 1.83 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.19 3.41 0.00	56.82 4.13 -1.67	50.83 3.75 -2.40	46.29 2.73 -8.07	45.86 2.61 -7.49	43.91 2.42 -8.71	43.14 2.29 -9.89	41.66 2.24 -9.18	43.31 2.37 -8.97	41.69 2.52 -4.63	45.96 3.14 -3.55	51.14 3.90 -2.38	52.98 4.20 -0.02	47.79 3.87 0.09	44.24 3.49 -1.11	45.74 2.60 -6.48	39.17 2.57 0.20	36.08 2.01 0.00
BROOKLYN___ARMY_DRP 323595	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
BROOKVLE_69_KV_TB1 55790	43.33 2.92 -2.50	40.16 2.72 -0.76	38.26 2.53 -0.57	37.96 2.53 -0.23	39.59 2.61 -0.69	45.36 3.10 -4.02	57.33 4.16 -6.38	64.34 4.90 -8.41	57.25 4.38 -8.20	44.98 3.30 -6.19	44.24 3.15 -5.33	40.37 2.95 -4.65	35.45 2.76 -1.72	35.32 2.72 -2.36	37.14 2.85 -2.32	43.65 3.07 -6.04	49.22 3.61 -6.33	67.39 4.58 -17.96	67.48 4.88 -13.83	57.92 4.40 -9.51	51.42 3.96 -7.82	47.81 3.08 -8.07	43.64 3.16 -3.68	40.44 2.69 -3.68
BROOME_2_LFGE 323671	37.46 -0.42 0.03	36.31 -0.37 0.02	34.79 -0.35 0.02	34.89 -0.28 0.02	36.01 -0.25 0.02	38.16 -0.08 0.00	46.50 -0.19 0.10	52.27 0.00 -1.25	44.50 -0.18 0.00	35.17 -0.32 0.00	35.32 -0.43 0.02	32.41 -0.36 0.00	30.62 -0.34 0.01	29.46 -0.36 0.42	29.80 -0.42 1.75	31.32 -0.41 2.80	37.22 -0.32 1.74	43.58 -0.18 1.09	50.38 -0.19 -1.80	43.98 -0.18 -0.14	38.91 -0.16 0.56	35.11 -0.33 1.22	35.04 -0.48 1.27	33.73 -0.34 0.00
BROOME___LFGE 323600	37.46 -0.42 0.03	36.31 -0.37 0.02	34.79 -0.35 0.02	34.89 -0.28 0.02	36.01 -0.25 0.02	38.16 -0.08 0.00	46.50 -0.19 0.10	52.27 0.00 -1.25	44.50 -0.18 0.00	35.17 -0.32 0.00	35.32 -0.43 0.02	32.41 -0.36 0.00	30.62 -0.34 0.01	29.46 -0.36 0.42	29.80 -0.42 1.75	31.32 -0.41 2.80	37.22 -0.32 1.74	43.58 -0.18 1.09	50.38 -0.19 -1.80	43.98 -0.18 -0.14	38.91 -0.16 0.56	35.11 -0.33 1.22	35.04 -0.48 1.27	33.73 -0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	37.72 -0.19 0.00	36.54 -0.15 0.00	35.02 -0.14 0.00	35.01 -0.18 0.00	36.18 -0.11 0.00	37.93 -0.31 0.00	46.22 -0.56 0.00	50.41 -0.66 -0.05	44.19 -0.49 0.00	35.06 -0.43 0.00	35.26 -0.50 0.00	32.15 -0.62 0.00	30.56 -0.40 0.00	29.59 -0.45 0.20	30.70 -0.45 0.83	32.69 -0.52 1.33	37.86 -0.59 0.82	43.80 -0.54 0.51	48.33 -0.44 0.00	43.19 -0.53 0.29	38.81 -0.55 0.27	35.75 -0.33 0.58	35.75 -0.44 0.60	33.86 -0.20 0.00
BROWNSV1_27_KV_LOAD 356125	40.53 2.62 0.00	39.04 2.35 0.00	37.34 2.18 0.00	37.34 2.15 0.00	38.53 2.25 0.00	40.95 2.71 0.00	50.66 3.88 0.00	57.28 4.59 -1.67	51.27 4.20 -2.40	46.61 3.05 -8.07	46.15 2.90 -7.49	44.20 2.72 -8.71	43.39 2.54 -9.89	41.93 2.51 -9.18	43.57 2.62 -8.97	42.00 2.83 -4.63	46.31 3.50 -3.55	51.59 4.35 -2.38	53.47 4.68 -0.02	48.14 4.22 0.09	44.60 3.84 -1.11	45.61 2.90 -6.05	39.54 2.94 0.20	36.45 2.38 0.00
BURROWS___LYONSDAL 23803	38.54 0.64 0.01	37.27 0.59 0.01	35.71 0.56 0.01	35.75 0.56 0.01	36.89 0.62 0.01	39.04 0.80 0.00	47.82 1.08 0.04	52.42 1.33 -0.06	45.70 1.03 0.00	36.09 0.60 0.00	36.15 0.39 0.01	33.00 0.23 0.00	31.21 0.25 0.00	30.20 0.18 0.23	31.28 0.26 0.94	33.41 0.38 1.51	39.00 0.67 0.94	45.30 1.03 0.58	49.99 1.22 0.00	44.69 1.01 0.33	40.17 0.83 0.30	36.70 0.70 0.66	36.62 0.52 0.68	34.51 0.44 0.00
CAITHNESS_CC_1 323624	43.78 3.37 -2.50	40.57 3.12 -0.76	38.68 2.95 -0.57	38.38 2.96 -0.23	40.02 3.05 -0.69	45.85 3.59 -4.02	58.22 5.05 -6.38	65.40 5.97 -8.41	58.05 5.18 -8.20	45.26 3.58 -6.19	44.60 3.51 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.43 3.14 -2.32	44.03 3.45 -6.04	49.92 4.32 -6.33	68.24 5.43 -17.96	68.41 5.80 -13.83	58.88 5.37 -9.51	52.18 4.71 -7.82	48.29 3.78 -7.85	44.11 3.64 -3.67	40.78 3.03 -3.68
CALPINE BETH_PAGE_GT4 24209	43.14 2.73 -2.50	39.98 2.53 -0.76	38.08 2.36 -0.57	37.78 2.36 -0.23	39.41 2.43 -0.69	45.17 2.91 -4.02	57.18 4.02 -6.38	64.18 4.75 -8.41	57.12 4.24 -8.20	44.77 3.09 -6.19	44.02 2.93 -5.33	40.18 2.75 -4.65	35.23 2.54 -1.72	35.14 2.54 -2.36	36.95 2.65 -2.32	43.45 2.87 -6.04	49.14 3.53 -6.33	67.25 4.44 -17.96	67.34 4.73 -13.83	57.78 4.27 -9.51	51.31 3.84 -7.82	47.67 3.01 -8.01	43.45 2.98 -3.68	40.31 2.56 -3.68
CALPINE_BETH_PAGE_GT_4 323586	43.14 2.73 -2.50	39.98 2.53 -0.76	38.12 2.39 -0.57	37.78 2.36 -0.23	39.41 2.43 -0.69	45.17 2.90 -4.02	57.19 4.02 -6.38	64.18 4.75 -8.41	57.12 4.25 -8.20	44.77 3.09 -6.19	44.03 2.93 -5.33	40.18 2.75 -4.65	35.26 2.57 -1.72	35.14 2.54 -2.36	36.98 2.69 -2.32	43.45 2.87 -6.04	49.14 3.54 -6.33	67.25 4.44 -17.96	67.34 4.73 -13.83	57.87 4.36 -9.51	51.35 3.89 -7.82	47.75 3.08 -8.01	43.45 2.98 -3.67	40.27 2.52 -3.68
CALPINE_BP_GT1 23823	43.14 2.73 -2.50	39.98 2.53 -0.76	38.12 2.39 -0.57	37.78 2.36 -0.23	39.41 2.43 -0.69	45.17 2.90 -4.02	57.19 4.02 -6.38	64.18 4.75 -8.41	57.12 4.25 -8.20	44.77 3.09 -6.19	44.03 2.93 -5.33	40.18 2.75 -4.65	35.26 2.57 -1.72	35.14 2.54 -2.36	36.98 2.69 -2.32	43.45 2.87 -6.04	49.14 3.54 -6.33	67.25 4.44 -17.96	67.34 4.73 -13.83	57.87 4.36 -9.51	51.35 3.89 -7.82	47.75 3.08 -8.01	43.45 2.98 -3.67	40.27 2.52 -3.68
CALSPAN___DRP 24200	33.69 -4.13 0.09	32.93 -3.71 0.05	31.45 -3.66 0.05	31.51 -3.62 0.05	32.71 -3.52 0.05	34.95 -3.29 0.00	40.93 -5.57 0.29	44.38 -5.87 0.78	39.81 -4.87 0.00	31.69 -3.80 0.00	31.74 -3.97 0.05	29.46 -3.31 0.00	27.92 -3.03 0.01	26.62 -2.99 0.63	26.12 -3.23 2.63	26.79 -3.56 4.19	32.23 -4.44 2.60	37.96 -5.20 1.69	40.32 -5.76 2.70	36.66 -5.24 2.11	34.27 -4.52 0.84	30.47 -4.36 1.82	30.40 -4.49 1.90	30.42 -3.65 0.00

CALVERTON___SOLAR 323806	44.01 3.60 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.08 3.82 -4.02	58.59 5.42 -6.38	65.81 6.38 -8.41	58.37 5.49 -8.20	45.48 3.80 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.82 3.13 -1.72	35.68 3.09 -2.36	37.59 3.29 -2.32	44.24 3.66 -6.04	50.20 4.59 -6.33	68.64 5.83 -17.96	68.85 6.24 -13.83	59.28 5.76 -9.51	52.54 5.07 -7.82	48.58 4.07 -7.85	44.33 3.86 -3.67	41.02 3.27 -3.68
CANDIGU_WT_PWR 323617	36.91 -0.95 0.05	35.89 -0.77 0.03	34.35 -0.77 0.03	34.59 -0.56 0.03	35.78 -0.47 0.03	38.01 -0.23 0.00	45.82 -0.80 0.16	52.39 -0.46 -1.82	44.14 -0.53 0.00	34.85 -0.64 0.00	34.91 -0.82 0.03	32.15 -0.62 0.00	30.37 -0.59 0.01	29.00 -0.73 0.52	28.97 -0.83 2.17	30.17 -0.90 3.46	36.26 -0.86 2.15	42.87 -0.63 1.36	51.73 -0.78 -3.74	44.12 -0.71 -0.82	38.26 -0.67 0.70	34.42 -0.73 1.51	34.19 -1.03 1.57	33.46 -0.61 0.00
CARR STREET_E_SYR 24060	36.46 -1.40 0.05	35.23 -1.43 0.03	33.75 -1.37 0.03	33.82 -1.34 0.03	34.84 -1.42 0.03	36.98 -1.26 0.00	45.12 -1.50 0.16	49.68 -1.53 -0.18	43.07 -1.61 0.00	34.07 -1.42 0.00	34.23 -1.50 0.03	31.40 -1.38 0.00	29.60 -1.36 0.01	28.31 -1.30 0.64	27.97 -1.34 2.66	28.84 -1.45 4.25	35.10 -1.53 2.64	41.55 -1.66 1.64	47.02 -1.75 0.00	41.49 -1.58 0.94	37.31 -1.47 0.86	33.34 -1.47 1.85	33.28 -1.58 1.93	32.67 -1.40 0.00
CARTHAGE___PAPER 23857	37.80 -0.11 0.00	36.55 -0.15 0.00	34.98 -0.17 0.00	35.02 -0.18 0.00	36.10 -0.18 0.00	38.16 -0.08 0.00	46.78 0.00 0.00	51.22 0.10 -0.09	44.63 -0.04 0.00	35.24 -0.25 0.00	35.34 -0.43 0.00	32.15 -0.62 0.00	30.43 -0.53 0.00	29.33 -0.54 0.37	29.92 -0.51 1.54	31.67 -0.41 2.46	37.51 -0.23 1.52	44.00 0.09 0.95	49.02 0.25 0.00	43.55 0.09 0.54	39.14 0.00 0.49	35.55 -0.04 1.07	35.42 -0.26 1.11	33.87 -0.20 0.00
CASSADAGA_WT_PWR 323784	34.42 -3.41 0.08	33.63 -3.01 0.05	32.16 -2.95 0.05	32.50 -2.64 0.05	33.55 -2.68 0.05	35.90 -2.33 0.00	42.11 -4.40 0.27	46.28 -4.23 0.51	41.33 -3.35 0.00	32.61 -2.87 0.00	32.67 -3.04 0.05	30.35 -2.42 0.00	28.85 -2.11 0.01	27.39 -2.24 0.61	26.91 -2.49 2.57	27.67 -2.76 4.10	33.27 -3.46 2.54	39.34 -3.86 1.65	42.40 -4.34 2.03	38.24 -3.96 1.81	35.44 -3.37 0.83	31.39 -3.48 1.78	31.18 -3.75 1.86	31.31 -2.76 0.00
CE_DUNWOOD___DRP 24194	39.96 2.05 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.91 1.72 0.00	38.06 1.78 0.00	40.42 2.18 0.00	49.91 3.13 0.00	56.46 3.78 -1.66	48.07 3.40 0.00	37.90 2.41 0.00	38.02 2.25 0.00	34.90 2.13 0.00	32.95 1.98 0.00	32.14 1.97 0.07	33.72 2.05 0.30	36.27 2.21 0.47	41.76 2.79 0.29	48.22 3.54 0.18	52.53 3.76 0.00	47.29 3.39 0.10	42.63 3.09 0.10	39.55 2.31 -0.58	38.86 2.28 0.21	35.91 1.84 0.00
CE_MILLWOOD___DRP 24193	39.92 2.01 0.00	38.53 1.83 0.00	36.85 1.69 0.00	36.88 1.69 0.00	38.03 1.74 0.00	40.34 2.10 0.00	49.82 3.04 0.00	56.35 3.67 -1.65	47.94 3.26 0.00	37.83 2.34 0.00	37.95 2.18 0.00	34.80 2.03 0.00	32.85 1.89 0.00	32.05 1.87 0.07	33.66 1.98 0.30	36.17 2.11 0.47	41.65 2.67 0.29	48.13 3.45 0.18	52.43 3.66 0.00	47.20 3.30 0.10	42.51 2.97 0.10	39.35 2.24 -0.46	38.79 2.21 0.21	35.87 1.81 0.00
CE_NYC2_DRP 24202	40.38 2.46 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.04 3.18 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.84 3.92 0.09	44.21 3.45 -1.13	46.30 2.57 -7.07	39.25 2.65 0.20	36.28 2.21 0.00
CE_NYC_DRP 24195	40.22 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.65 2.41 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.87 3.80 -2.39	46.28 2.73 -8.06	45.85 2.61 -7.47	43.89 2.43 -8.70	43.10 2.26 -9.87	41.68 2.27 -9.17	43.30 2.37 -8.96	41.69 2.52 -4.63	45.95 3.14 -3.54	51.18 3.95 -2.38	52.98 4.19 -0.02	47.70 3.78 0.09	44.20 3.45 -1.11	45.27 2.57 -6.04	39.21 2.61 0.20	36.18 2.11 0.00
CHAFFEE___LFGE 323603	33.66 -4.17 0.08	32.90 -3.74 0.05	31.49 -3.62 0.05	31.76 -3.38 0.05	32.75 -3.48 0.05	34.95 -3.29 0.00	40.89 -5.61 0.28	44.53 -5.87 0.63	39.85 -4.83 0.00	31.55 -3.94 0.00	31.63 -4.08 0.05	29.40 -3.37 0.00	27.99 -2.97 0.01	26.60 -3.02 0.62	26.09 -3.29 2.59	26.77 -3.63 4.14	32.22 -4.48 2.57	37.98 -5.20 1.67	40.64 -5.80 2.33	36.83 -5.24 1.94	34.28 -4.52 0.83	30.46 -4.40 1.80	30.35 -4.56 1.88	30.70 -3.37 0.00
CHATEAUG_35_KV_LOAD 355732	39.24 1.33 0.00	38.12 1.43 0.00	36.57 1.41 0.00	36.56 1.37 0.00	37.85 1.56 0.00	39.58 1.34 0.00	47.62 0.84 0.00	51.28 0.26 0.00	45.66 0.98 0.00	36.48 0.99 0.00	36.87 1.11 0.00	33.69 0.92 0.00	31.99 1.02 0.00	31.16 0.97 0.05	32.77 0.99 0.20	35.23 1.00 0.31	39.98 0.90 0.19	45.77 1.03 0.12	49.89 1.12 0.00	44.73 0.79 0.07	40.29 0.71 0.06	37.51 0.99 0.14	37.65 0.99 0.14	35.40 1.33 0.00
CHATEAUG_WT_PWR 323614	39.16 1.25 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.49 1.30 0.00	37.77 1.49 0.00	39.50 1.26 0.00	47.53 0.75 0.00	51.08 0.05 0.00	45.52 0.85 0.00	36.37 0.89 0.00	36.76 1.00 0.00	33.59 0.82 0.00	31.89 0.93 0.00	31.05 0.85 0.04	32.67 0.86 0.17	35.16 0.90 0.27	39.89 0.79 0.17	45.60 0.85 0.10	49.75 0.98 0.00	44.61 0.66 0.06	40.18 0.60 0.05	37.35 0.81 0.12	37.55 0.88 0.12	35.33 1.26 0.00
CHAT_HIGH_FALL_HYD 323578	39.24 1.33 0.00	38.12 1.43 0.00	36.57 1.41 0.00	36.56 1.37 0.00	37.85 1.56 0.00	39.58 1.34 0.00	47.62 0.84 0.00	51.28 0.26 0.00	45.66 0.98 0.00	36.48 0.99 0.00	36.87 1.11 0.00	33.69 0.92 0.00	31.99 1.02 0.00	31.16 0.97 0.05	32.77 0.99 0.20	35.23 1.00 0.31	39.98 0.90 0.19	45.77 1.03 0.12	49.89 1.12 0.00	44.73 0.79 0.07	40.29 0.71 0.06	37.51 0.99 0.14	37.65 0.99 0.14	35.40 1.33 0.00
CHAUTAUQUA___LFGE 323629	34.15 -3.68 0.08	33.37 -3.27 0.05	31.91 -3.20 0.05	32.18 -2.96 0.05	33.19 -3.05 0.05	35.45 -2.79 0.00	41.64 -4.87 0.28	45.51 -4.90 0.62	40.57 -4.11 0.00	32.11 -3.37 0.00	32.24 -3.47 0.05	29.89 -2.88 0.00	28.45 -2.51 0.01	27.11 -2.51 0.62	26.63 -2.75 2.59	27.33 -3.07 4.13	32.90 -3.81 2.56	38.79 -4.39 1.67	41.49 -4.98 2.30	37.59 -4.49 1.93	34.96 -3.84 0.83	31.05 -3.81 1.80	30.91 -4.01 1.88	31.00 -3.07 0.00
CHERRYST_13_KV_LD 356241	40.30 2.39 0.00	38.86 2.16 0.00	37.16 2.00 0.00	37.16 1.97 0.00	38.35 2.07 0.00	40.76 2.52 0.00	50.38 3.60 -1.67	57.03 4.34 -1.67	51.00 3.93 -2.39	46.42 2.87 -8.06	45.96 2.72 -7.47	44.02 2.56 -8.70	43.22 2.38 -9.87	41.77 2.36 -9.17	43.39 2.46 -8.96	41.82 2.66 -4.63	46.07 3.26 -3.54	51.32 4.08 -2.38	53.13 4.34 -0.02	47.84 3.92 0.09	44.32 3.57 -1.11	45.34 2.64 -6.04	39.28 2.69 0.20	36.25 2.18 0.00

CHESTROR_138KV_BK263 355645	39.47 1.55 0.00	38.12 1.43 0.00	36.50 1.34 0.00	36.53 1.34 0.00	37.66 1.38 0.00	39.96 1.72 0.00	49.31 2.53 0.00	55.54 2.96 -1.56	47.27 2.59 0.00	37.26 1.77 0.00	37.41 1.65 0.00	34.31 1.54 0.00	32.39 1.42 0.00	31.59 1.42 0.08	33.13 1.47 0.32	35.62 1.59 0.50	41.04 2.08 0.31	47.40 2.74 0.19	51.70 2.93 0.00	46.54 2.64 0.11	41.91 2.38 0.10	38.44 1.80 0.01	38.26 1.69 0.23	35.47 1.40 0.00
CH_MIDHUDSON___DRP 24192	39.88 1.97 0.00	38.53 1.83 0.00	36.88 1.72 0.00	36.91 1.72 0.00	38.06 1.78 0.00	40.38 2.14 0.00	49.82 3.04 0.00	56.31 3.57 -1.71	47.76 3.08 0.00	37.65 2.16 0.00	37.73 1.97 0.00	34.61 1.84 0.00	32.67 1.70 0.00	31.84 1.66 0.07	33.48 1.79 0.29	36.01 1.93 0.46	41.46 2.47 0.28	47.91 3.23 0.18	52.24 3.46 0.00	47.03 3.12 0.10	42.36 2.81 0.09	38.62 2.16 0.20	38.65 2.06 0.21	35.81 1.74 0.00
CH_MISC_IPPS 23765	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.53 2.29 0.00	50.05 3.27 0.00	56.48 3.78 -1.68	47.94 3.26 0.00	37.72 2.24 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.67 1.70 0.00	31.83 1.66 0.07	33.47 1.79 0.29	36.07 2.00 0.47	41.57 2.59 0.29	48.04 3.37 0.18	52.43 3.66 0.00	47.25 3.34 0.10	42.52 2.97 0.09	38.80 2.35 0.20	38.75 2.17 0.21	35.87 1.80 0.00
CH_RES_BVR_FALLS 23983	37.95 0.04 0.00	36.77 0.07 0.00	35.23 0.07 0.00	35.26 0.07 0.00	36.39 0.11 0.00	38.16 -0.08 0.00	46.50 -0.28 0.00	50.56 -0.46 0.00	44.45 -0.22 0.00	35.45 -0.04 0.00	35.80 0.04 0.00	32.80 0.03 0.00	31.06 0.09 0.00	30.27 0.06 0.03	31.91 0.06 0.13	34.37 0.03 0.20	39.03 -0.12 0.13	44.51 -0.27 0.08	48.53 -0.24 0.00	43.70 -0.26 0.04	39.36 -0.24 0.04	36.53 -0.04 0.09	36.70 0.00 0.09	34.14 0.07 0.00
CH_RES_NIAGARA 23895	33.01 -4.82 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.84 -4.29 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.27 -5.22 0.00	30.56 -5.15 0.06	28.28 -4.49 0.00	26.96 -3.99 0.01	26.01 -3.60 0.64	25.41 -3.87 2.69	26.03 -4.25 4.26	31.29 -5.34 2.64	36.63 -6.50 1.73	38.31 -7.32 3.15	35.26 -6.43 2.32	33.23 -5.55 0.86	29.53 -5.28 1.85	29.53 -5.34 1.93	29.64 -4.43 0.00
CH_RES_SYRACUSE 23985	36.97 -0.91 0.03	35.76 -0.92 0.02	34.23 -0.91 0.02	34.29 -0.88 0.02	35.32 -0.94 0.02	37.43 -0.80 0.00	45.75 -0.94 0.09	51.12 -0.92 -1.01	43.60 -1.07 0.00	34.49 -0.99 0.00	34.64 -1.11 0.02	31.72 -1.05 0.00	29.90 -1.05 0.01	28.55 -1.03 0.67	28.10 -1.09 2.79	28.98 -1.11 4.45	35.41 -1.10 2.76	42.01 -1.12 1.72	49.77 -1.17 -2.17	42.89 -1.06 0.06	37.75 -0.99 0.90	33.69 -1.03 1.94	33.63 -1.14 2.02	33.08 -0.99 0.00
CLINTON_WT_PWR 323605	39.16 1.25 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.49 1.30 0.00	37.77 1.49 0.00	39.50 1.26 0.00	47.53 0.75 0.00	51.08 0.05 0.00	45.52 0.85 0.00	36.37 0.89 0.00	36.76 1.00 0.00	33.59 0.82 0.00	31.89 0.93 0.00	31.05 0.85 0.04	32.67 0.86 0.17	35.16 0.90 0.27	39.89 0.79 0.17	45.60 0.85 0.10	49.75 0.98 0.00	44.61 0.66 0.06	40.18 0.60 0.05	37.35 0.81 0.12	37.55 0.88 0.12	35.33 1.26 0.00
CLINTON___LFGE 323618	39.73 1.82 0.00	38.60 1.91 0.00	37.02 1.86 0.00	37.02 1.83 0.00	38.35 2.07 0.00	40.15 1.91 0.00	48.18 1.40 0.00	51.69 0.66 0.00	46.20 1.52 0.00	36.91 1.42 0.00	37.23 1.47 0.00	33.95 1.18 0.00	32.27 1.30 0.00	31.44 1.24 0.04	33.04 1.25 0.18	35.57 1.31 0.28	40.39 1.29 0.17	46.32 1.57 0.11	50.53 1.75 0.00	45.22 1.28 0.06	40.73 1.15 0.06	37.82 1.28 0.12	37.99 1.32 0.13	35.84 1.77 0.00
COBBLENY_34_KV_TB1 80064	33.62 -4.21 0.08	32.90 -3.74 0.05	31.38 -3.73 0.05	31.48 -3.66 0.05	32.75 -3.48 0.05	34.95 -3.29 0.00	40.89 -5.61 0.28	44.53 -5.87 0.63	39.90 -4.78 0.00	31.73 -3.76 0.00	31.74 -3.97 0.05	29.46 -3.31 0.00	27.92 -3.03 0.01	26.57 -3.05 0.62	26.09 -3.29 2.59	26.77 -3.63 4.14	32.19 -4.52 2.57	37.94 -5.25 1.67	40.69 -5.76 2.33	36.78 -5.28 1.94	34.28 -4.52 0.83	30.42 -4.44 1.80	30.39 -4.53 1.88	30.46 -3.61 0.00
COFFEEN___115KV_TB3 355620	38.03 0.11 0.00	36.73 0.04 0.00	35.16 0.00 0.00	35.19 0.00 0.00	36.29 0.00 0.00	38.39 0.15 0.00	47.15 0.37 0.00	51.69 0.56 -0.11	44.90 0.22 0.00	35.34 -0.14 0.00	35.37 -0.39 0.00	32.15 -0.62 0.00	30.40 -0.56 0.01	29.21 -0.60 0.43	29.66 -0.51 1.80	31.32 -0.35 2.87	37.45 -0.04 1.78	44.19 0.45 1.11	49.50 0.73 0.00	43.90 0.53 0.63	39.42 0.36 0.58	35.67 0.26 1.25	35.46 -0.04 1.30	33.97 -0.10 0.00
COLDSPRG_115KV_BK1 355956	34.27 -3.56 0.08	33.67 -2.97 0.05	32.02 -3.09 0.05	32.18 -2.96 0.05	33.80 -2.43 0.05	36.10 -2.14 0.00	42.12 -4.40 0.27	46.56 -4.13 0.33	41.64 -3.04 0.00	33.00 -2.48 0.00	32.96 -2.75 0.05	30.61 -2.16 0.00	28.98 -1.98 0.01	27.28 -2.36 0.61	26.81 -2.62 2.54	27.59 -2.90 4.05	33.18 -3.57 2.51	39.41 -3.81 1.63	42.88 -4.29 1.60	38.35 -4.05 1.61	35.37 -3.45 0.82	31.41 -3.48 1.76	31.20 -3.75 1.84	31.34 -2.73 0.00
COLONIE_LFGE___ 323577	39.43 1.52 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.53 1.34 0.00	37.63 1.34 0.00	39.96 1.72 0.00	49.17 2.38 0.00	55.81 2.70 -2.08	46.95 2.28 0.00	37.09 1.60 0.00	37.16 1.39 0.00	34.08 1.31 0.00	32.17 1.21 0.00	31.37 1.18 0.05	33.01 1.25 0.21	35.62 1.42 0.34	40.95 1.88 0.21	47.10 2.38 0.13	51.36 2.58 0.00	46.26 2.33 0.07	41.67 2.10 0.07	38.12 1.61 0.15	38.15 1.51 0.15	35.43 1.36 0.00
COOPERNY_115KV_TB1 80082	39.05 1.14 0.00	37.72 1.03 0.00	36.11 0.95 0.00	36.14 0.95 0.00	37.26 0.98 0.00	39.50 1.26 0.00	48.65 1.87 0.00	54.53 2.25 -1.26	46.60 1.92 0.00	36.84 1.35 0.00	36.95 1.18 0.00	33.92 1.15 0.00	32.02 1.05 0.00	31.18 1.03 0.09	32.69 1.09 0.37	35.13 1.17 0.59	40.44 1.53 0.36	46.69 2.06 0.23	50.94 2.19 0.02	45.85 1.98 0.14	41.30 1.78 0.12	37.72 1.32 0.25	37.78 1.25 0.27	35.09 1.02 0.00
COPENHAGEN_WT_PWR 323753	37.65 -0.26 0.00	36.40 -0.29 0.00	34.84 -0.32 0.00	34.87 -0.32 0.00	35.92 -0.36 0.00	38.01 -0.23 0.00	46.64 -0.14 0.00	51.14 0.00 -0.11	44.41 -0.27 0.00	34.99 -0.50 0.00	35.08 -0.68 0.00	31.95 -0.82 0.00	30.22 -0.74 0.01	29.01 -0.79 0.45	29.37 -0.73 1.87	30.94 -0.62 2.98	36.99 -0.43 1.85	43.61 -0.09 1.15	48.87 0.10 0.00	43.31 -0.04 0.66	38.92 -0.12 0.60	35.18 -0.18 1.30	35.04 -0.40 1.35	33.66 -0.41 0.00
CORNELL_____ 23752	38.10 0.23 0.04	36.89 0.22 0.02	35.31 0.18 0.02	35.38 0.21 0.02	36.59 0.33 0.02	38.85 0.61 0.00	47.41 0.75 0.12	53.72 1.02 -1.68	45.21 0.54 0.00	35.74 0.25 0.00	35.78 0.04 0.02	32.74 -0.03 0.00	30.87 -0.09 0.01	29.60 -0.12 0.52	29.69 -0.10 2.19	31.04 0.00 3.50	37.38 0.27 2.17	44.12 0.63 1.36	52.97 0.78 -3.42	45.34 0.66 -0.68	39.45 0.52 0.70	35.43 0.29 1.52	35.28 0.07 1.59	34.17 0.10 0.00

CORONA V_69_KV_TB1 355595	43.21 2.81 -2.50	40.09 2.64 -0.76	38.19 2.46 -0.57	37.89 2.46 -0.23	39.52 2.54 -0.69	45.24 2.98 -4.02	57.28 4.12 -6.38	64.28 4.85 -8.41	57.21 4.33 -8.20	44.84 3.16 -6.19	44.10 3.00 -5.33	40.24 2.82 -4.65	35.35 2.66 -1.72	35.23 2.63 -2.36	37.05 2.75 -2.32	43.48 2.90 -6.04	49.18 3.57 -6.33	67.21 4.40 -17.96	67.34 4.73 -13.83	57.78 4.27 -9.51	51.38 3.92 -7.82	47.84 3.08 -8.10	43.49 3.02 -3.68	40.31 2.56 -3.68
CORTLAND_115KV_TB3 80093	37.76 -0.11 0.04	36.56 -0.11 0.02	35.00 -0.14 0.02	35.06 -0.11 0.02	36.23 -0.04 0.02	38.43 0.19 0.00	46.95 0.28 0.11	52.50 0.46 -1.02	44.81 0.13 0.00	35.45 -0.04 0.00	35.53 -0.21 0.02	32.54 -0.23 0.00	30.71 -0.25 0.01	29.45 -0.27 0.52	29.49 -0.29 2.19	30.80 -0.24 3.50	37.02 -0.08 2.17	43.63 0.13 1.36	50.80 0.20 -1.84	44.19 0.18 -0.01	39.05 0.12 0.70	35.06 -0.07 1.52	34.95 -0.26 1.59	33.86 -0.20 0.00
COXSACKIE__GT 23611	40.79 2.88 0.00	39.34 2.64 0.00	37.72 2.57 0.00	37.76 2.57 0.00	38.93 2.65 0.00	41.49 3.25 0.00	51.18 4.40 0.00	57.06 4.08 -1.95	47.98 3.31 0.00	37.44 1.95 0.00	37.27 1.50 0.00	33.98 1.21 0.00	32.05 1.08 0.00	31.21 1.03 0.06	32.98 1.25 0.24	35.88 1.73 0.38	41.47 2.44 0.24	47.94 3.23 0.15	52.53 3.76 0.00	47.36 3.43 0.08	42.49 2.93 0.08	38.95 2.46 0.17	38.83 2.21 0.17	36.39 2.32 0.00
CPV_VALLEY__CC1 323721	39.16 1.25 0.00	37.83 1.14 0.00	36.21 1.05 0.00	36.24 1.05 0.00	37.37 1.09 0.00	39.61 1.37 0.00	48.89 2.11 0.00	55.02 2.55 -1.45	46.91 2.23 0.00	37.01 1.52 0.00	37.12 1.36 0.00	34.08 1.31 0.00	32.21 1.24 0.00	31.37 1.21 0.08	32.92 1.28 0.33	35.35 1.35 0.53	40.71 1.77 0.33	47.02 2.38 0.21	51.24 2.49 0.02	46.21 2.33 0.13	41.59 2.06 0.11	37.93 1.50 0.23	37.99 1.43 0.24	35.16 1.09 0.00
CPV_VALLEY__CC2 323722	39.16 1.25 0.00	37.83 1.14 0.00	36.21 1.05 0.00	36.24 1.05 0.00	37.37 1.09 0.00	39.61 1.37 0.00	48.89 2.11 0.00	55.02 2.55 -1.45	46.91 2.23 0.00	37.01 1.52 0.00	37.12 1.36 0.00	34.08 1.31 0.00	32.21 1.24 0.00	31.37 1.21 0.08	32.92 1.28 0.33	35.35 1.35 0.53	40.71 1.77 0.33	47.02 2.38 0.21	51.24 2.49 0.02	46.21 2.33 0.13	41.59 2.06 0.11	37.93 1.50 0.23	37.99 1.43 0.24	35.16 1.09 0.00
CRESCENT__HYD 24018	39.43 1.52 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.53 1.34 0.00	37.63 1.34 0.00	39.96 1.72 0.00	49.17 2.38 0.00	55.81 2.70 -2.08	46.95 2.28 0.00	37.09 1.60 0.00	37.16 1.39 0.00	34.08 1.31 0.00	32.17 1.21 0.00	31.37 1.18 0.05	33.01 1.25 0.21	35.62 1.42 0.34	40.95 1.88 0.21	47.10 2.38 0.13	51.36 2.58 0.00	46.26 2.33 0.07	41.67 2.10 0.07	38.12 1.61 0.15	38.15 1.51 0.15	35.43 1.36 0.00
CRICKET__VALLEY_CC1 323756	39.73 1.82 0.00	38.34 1.65 0.00	36.74 1.58 0.00	36.78 1.59 0.00	37.88 1.59 0.00	40.19 1.95 0.00	49.59 2.81 0.00	56.07 3.27 -1.77	47.58 2.90 0.00	37.58 2.09 0.00	37.66 1.89 0.00	34.57 1.80 0.00	32.67 1.70 0.00	31.87 1.69 0.07	33.45 1.76 0.28	36.00 1.90 0.44	41.39 2.40 0.27	47.74 3.05 0.17	51.99 3.22 0.00	46.90 2.99 0.10	42.20 2.66 0.09	38.52 2.05 0.19	38.54 1.95 0.20	35.70 1.64 0.00
CRICKET__VALLEY_CC2 323757	39.73 1.82 0.00	38.34 1.65 0.00	36.74 1.58 0.00	36.78 1.59 0.00	37.88 1.59 0.00	40.19 1.95 0.00	49.59 2.81 0.00	56.07 3.27 -1.77	47.58 2.90 0.00	37.58 2.09 0.00	37.66 1.89 0.00	34.57 1.80 0.00	32.67 1.70 0.00	31.87 1.69 0.07	33.45 1.76 0.28	36.00 1.90 0.44	41.39 2.40 0.27	47.74 3.05 0.17	51.99 3.22 0.00	46.90 2.99 0.10	42.20 2.66 0.09	38.52 2.05 0.19	38.54 1.95 0.20	35.70 1.64 0.00
CRICKET__VALLEY_CC3 323758	39.73 1.82 0.00	38.34 1.65 0.00	36.74 1.58 0.00	36.78 1.59 0.00	37.88 1.59 0.00	40.19 1.95 0.00	49.59 2.81 0.00	56.07 3.27 -1.77	47.58 2.90 0.00	37.58 2.09 0.00	37.66 1.89 0.00	34.57 1.80 0.00	32.67 1.70 0.00	31.87 1.69 0.07	33.45 1.76 0.28	36.00 1.90 0.44	41.39 2.40 0.27	47.74 3.05 0.17	51.99 3.22 0.00	46.90 2.99 0.10	42.20 2.66 0.09	38.52 2.05 0.19	38.54 1.95 0.20	35.70 1.64 0.00
CRUCIBLE_METL_DRP 24180	36.97 -0.91 0.03	35.76 -0.92 0.02	34.23 -0.91 0.02	34.29 -0.88 0.02	35.32 -0.94 0.02	37.44 -0.80 0.00	45.75 -0.94 0.09	51.12 -0.92 -1.01	43.60 -1.07 0.00	34.53 -0.96 0.00	34.67 -1.07 0.02	31.75 -1.02 0.00	29.90 -1.05 0.01	28.55 -1.03 0.67	28.10 -1.09 2.79	28.98 -1.11 4.45	35.41 -1.10 2.76	42.01 -1.12 1.72	49.77 -1.17 -2.17	42.89 -1.06 0.06	37.75 -0.99 0.90	33.69 -1.03 1.94	33.63 -1.14 2.02	33.05 -1.02 0.00
DAHOWA__HYDRO 323763	39.39 1.48 0.00	38.05 1.36 0.00	36.46 1.30 0.00	36.49 1.30 0.00	37.66 1.38 0.00	40.04 1.80 0.00	49.35 2.57 0.00	55.99 2.86 -2.11	46.91 2.23 0.00	36.87 1.38 0.00	36.94 1.18 0.00	33.79 1.02 0.00	31.83 0.87 0.00	31.07 0.88 0.05	32.72 0.96 0.21	35.38 1.17 0.34	40.91 1.85 0.21	47.15 2.42 0.13	51.40 2.63 0.00	46.31 2.37 0.07	41.67 2.10 0.07	38.01 1.50 0.15	38.00 1.36 0.15	35.29 1.22 0.00
DANC__LFGE 323619	37.19 -0.72 0.00	35.92 -0.77 0.00	34.42 -0.74 0.00	34.45 -0.74 0.00	35.45 -0.83 0.00	37.47 -0.76 0.00	45.94 -0.84 0.00	50.39 -0.76 -0.13	43.74 -0.94 0.00	34.53 -0.96 0.00	34.69 -1.07 0.00	31.66 -1.11 0.00	29.91 -1.05 0.01	28.65 -1.06 0.54	28.64 -1.09 2.25	29.92 -1.04 3.59	36.06 -0.98 2.22	42.66 -0.81 1.39	48.04 -0.73 0.00	42.47 -0.75 0.79	38.16 -0.75 0.72	34.36 -0.73 1.56	34.28 -0.88 1.63	33.25 -0.82 0.00
DANSKAMMER__1 23586	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.53 2.29 0.00	50.05 3.27 0.00	56.48 3.78 -1.68	47.94 3.26 0.00	37.72 2.24 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.67 1.70 0.00	31.83 1.66 0.07	33.47 1.79 0.29	36.07 2.00 0.47	41.57 2.59 0.29	48.04 3.37 0.18	52.43 3.66 0.00	47.25 3.34 0.10	42.52 2.97 0.09	38.80 2.35 0.20	38.75 2.17 0.21	35.87 1.80 0.00
DANSKAMMER__2 23589	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.53 2.29 0.00	50.05 3.27 0.00	56.48 3.78 -1.68	47.94 3.26 0.00	37.72 2.24 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.67 1.70 0.00	31.83 1.66 0.07	33.47 1.79 0.29	36.07 2.00 0.47	41.57 2.59 0.29	48.04 3.37 0.18	52.43 3.66 0.00	47.25 3.34 0.10	42.52 2.97 0.09	38.80 2.35 0.20	38.75 2.17 0.21	35.87 1.80 0.00
DANSKAMMER__3 23590	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.53 2.29 0.00	50.05 3.27 0.00	56.48 3.78 -1.68	47.94 3.26 0.00	37.72 2.24 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.67 1.70 0.00	31.83 1.66 0.07	33.47 1.79 0.29	36.07 2.00 0.47	41.57 2.59 0.29	48.04 3.37 0.18	52.43 3.66 0.00	47.25 3.34 0.10	42.52 2.97 0.09	38.80 2.35 0.20	38.75 2.17 0.21	35.87 1.80 0.00

DANSKAMMER___4 23591	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.21 1.92 0.00	40.53 2.29 0.00	50.05 3.27 0.00	56.48 3.78 -1.68	47.94 3.26 0.00	37.72 2.24 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.67 1.70 0.00	31.83 1.66 0.07	33.47 1.79 0.29	36.07 2.00 0.47	41.57 2.59 0.29	48.04 3.37 0.18	52.43 3.66 0.00	47.25 3.34 0.10	42.52 2.97 0.09	38.80 2.35 0.20	38.75 2.17 0.21	35.87 1.80 0.00
DANSKAMMER___DIESEL 23592	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.06 1.87 0.00	38.21 1.92 0.00	40.53 2.29 0.00	50.06 3.27 0.00	56.48 3.78 -1.68	47.94 3.26 0.00	37.72 2.24 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.67 1.70 0.00	31.84 1.66 0.07	33.47 1.79 0.29	36.07 2.00 0.47	41.57 2.59 0.29	48.04 3.36 0.18	52.43 3.66 0.00	47.20 3.30 0.10	42.52 2.97 0.09	38.76 2.31 0.20	38.75 2.17 0.21	35.91 1.84 0.00
DARBY___SOLAR 323810	39.43 1.52 0.00	38.05 1.36 0.00	36.46 1.30 0.00	36.53 1.34 0.00	37.66 1.38 0.00	40.04 1.80 0.00	49.31 2.52 0.00	55.99 2.86 -2.11	46.95 2.28 0.00	36.94 1.46 0.00	37.02 1.25 0.00	33.85 1.08 0.00	31.93 0.96 0.00	31.16 0.97 0.05	32.79 1.02 0.21	35.44 1.24 0.34	40.95 1.88 0.21	47.15 2.42 0.13	51.40 2.63 0.00	46.31 2.37 0.07	41.67 2.10 0.07	38.05 1.54 0.15	38.04 1.40 0.15	35.33 1.26 0.00
DASHVILLE___HYD 23610	39.77 1.86 0.00	38.38 1.69 0.00	36.74 1.58 0.00	36.77 1.58 0.00	37.92 1.63 0.00	40.15 1.91 0.00	49.59 2.81 0.00	55.41 2.65 -1.73	47.40 2.73 0.00	37.30 1.81 0.00	37.41 1.65 0.00	34.24 1.47 0.00	32.30 1.33 0.00	31.50 1.33 0.07	33.13 1.44 0.28	35.67 1.59 0.45	41.03 2.04 0.28	47.46 2.78 0.17	51.80 3.02 0.00	46.64 2.73 0.10	42.00 2.46 0.09	38.37 1.91 0.20	38.43 1.84 0.21	35.57 1.50 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.62 4.21 -2.50	41.38 3.93 -0.76	39.45 3.73 -0.57	39.15 3.73 -0.23	40.86 3.88 -0.69	46.77 4.51 -4.02	59.48 6.32 -6.38	66.89 7.45 -8.41	59.26 6.39 -8.20	46.08 4.40 -6.19	45.42 4.33 -5.33	41.36 3.93 -4.65	36.28 3.59 -1.72	36.14 3.54 -2.36	38.07 3.77 -2.32	44.79 4.21 -6.04	50.87 5.26 -6.33	69.50 6.68 -17.96	69.78 7.17 -13.83	60.03 6.51 -9.51	53.29 5.83 -7.82	49.17 4.66 -7.85	44.96 4.49 -3.68	41.60 3.85 -3.68
DELAWARE___LFGE 323621	39.11 1.21 0.02	37.82 1.14 0.01	36.24 1.09 0.01	36.27 1.09 0.01	37.44 1.16 0.01	39.73 1.49 0.00	48.74 2.01 0.06	54.50 2.35 -1.12	46.64 1.97 0.00	36.80 1.31 0.00	36.90 1.14 0.01	33.79 1.02 0.00	31.92 0.96 0.00	30.92 0.91 0.23	32.01 0.99 0.96	34.12 1.11 1.53	39.81 1.49 0.95	46.23 1.97 0.60	51.98 2.19 -1.02	46.08 1.98 -0.09	41.11 1.78 0.31	37.35 1.36 0.66	37.35 1.25 0.69	35.13 1.06 0.00
DERFIELD_115KV_TB7 355931	38.14 0.23 0.00	36.91 0.22 0.00	35.34 0.18 0.00	35.37 0.18 0.00	36.47 0.18 0.00	38.54 0.31 0.00	47.25 0.47 0.00	51.59 0.56 0.00	45.17 0.49 0.00	35.77 0.28 0.00	36.02 0.25 0.00	33.00 0.23 0.00	31.15 0.19 0.00	30.36 0.18 0.06	31.91 0.19 0.26	34.37 0.24 0.41	39.37 0.35 0.25	45.19 0.49 0.16	49.31 0.54 0.00	44.40 0.48 0.09	39.99 0.44 0.08	36.77 0.29 0.18	36.87 0.26 0.19	34.27 0.20 0.00
DOGLEVILLE___HYD 23807	38.33 0.42 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.65 0.36 0.00	38.73 0.50 0.00	47.58 0.79 0.00	51.99 0.97 0.00	45.48 0.81 0.00	35.98 0.50 0.00	36.20 0.43 0.00	33.13 0.36 0.00	31.31 0.34 0.00	30.48 0.30 0.06	32.07 0.35 0.26	34.44 0.31 0.41	39.49 0.47 0.25	45.37 0.67 0.16	49.55 0.78 0.00	44.62 0.70 0.09	40.15 0.60 0.08	37.03 0.55 0.18	37.09 0.48 0.19	34.48 0.41 0.00
DUNKIRK___115KV_TB_200 55889	34.08 -3.75 0.08	33.30 -3.34 0.05	31.77 -3.34 0.05	31.87 -3.27 0.05	33.11 -3.12 0.05	35.37 -2.87 0.00	41.54 -4.96 0.28	45.35 -5.05 0.63	40.48 -4.20 0.00	32.19 -3.30 0.00	32.21 -3.50 0.05	29.89 -2.88 0.00	28.36 -2.60 0.01	27.05 -2.57 0.62	26.57 -2.81 2.59	27.26 -3.14 4.13	32.78 -3.93 2.56	38.65 -4.53 1.67	41.42 -5.02 2.33	37.45 -4.62 1.94	34.88 -3.92 0.83	30.97 -3.89 1.80	30.87 -4.05 1.88	30.73 -3.34 0.00
DUNKIRK___1 23563	34.08 -3.75 0.08	33.30 -3.34 0.05	31.77 -3.34 0.05	31.87 -3.27 0.05	33.11 -3.12 0.05	35.37 -2.87 0.00	41.54 -4.96 0.28	45.35 -5.05 0.63	40.48 -4.20 0.00	32.19 -3.30 0.00	32.21 -3.50 0.05	29.89 -2.88 0.00	28.36 -2.60 0.01	27.05 -2.57 0.62	26.57 -2.81 2.59	27.26 -3.14 4.13	32.78 -3.93 2.56	38.65 -4.53 1.67	41.42 -5.02 2.33	37.45 -4.62 1.94	34.88 -3.92 0.83	30.97 -3.89 1.80	30.87 -4.05 1.88	30.73 -3.34 0.00
DUNKIRK___2 23564	34.08 -3.75 0.08	33.30 -3.34 0.05	31.77 -3.34 0.05	31.87 -3.27 0.05	33.11 -3.12 0.05	35.37 -2.87 0.00	41.54 -4.96 0.28	45.35 -5.05 0.63	40.48 -4.20 0.00	32.19 -3.30 0.00	32.21 -3.50 0.05	29.89 -2.88 0.00	28.36 -2.60 0.01	27.05 -2.57 0.62	26.57 -2.81 2.59	27.26 -3.14 4.13	32.78 -3.93 2.56	38.65 -4.53 1.67	41.42 -5.02 2.33	37.45 -4.62 1.94	34.88 -3.92 0.83	30.97 -3.89 1.80	30.87 -4.05 1.88	30.73 -3.34 0.00
DUNKIRK___3 23565	33.96 -3.87 0.08	33.19 -3.45 0.05	31.66 -3.45 0.05	31.76 -3.38 0.05	33.04 -3.19 0.05	35.22 -3.02 0.00	41.40 -5.10 0.28	45.16 -5.20 0.66	40.34 -4.33 0.00	32.08 -3.41 0.00	32.14 -3.58 0.05	29.82 -2.95 0.00	28.26 -2.69 0.01	26.96 -2.66 0.62	26.47 -2.91 2.59	27.15 -3.25 4.14	32.66 -4.04 2.57	38.52 -4.67 1.67	41.19 -5.17 2.41	37.28 -4.75 1.98	34.72 -4.08 0.83	30.86 -4.00 1.80	30.76 -4.16 1.88	30.70 -3.37 0.00
DUNKIRK___4 23566	33.96 -3.87 0.08	33.19 -3.45 0.05	31.66 -3.45 0.05	31.76 -3.38 0.05	33.00 -3.23 0.05	35.26 -2.98 0.00	41.40 -5.10 0.29	45.05 -5.26 0.72	40.30 -4.38 0.00	32.04 -3.44 0.00	32.06 -3.65 0.05	29.79 -2.98 0.00	28.23 -2.73 0.01	26.93 -2.69 0.62	26.42 -2.94 2.61	27.09 -3.28 4.17	32.64 -4.04 2.59	38.46 -4.71 1.69	40.99 -5.22 2.56	37.16 -4.80 2.05	34.71 -4.08 0.84	30.81 -4.03 1.81	30.71 -4.19 1.89	30.66 -3.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.00 2.09 0.00	38.60 1.91 0.00	36.95 1.79 0.00	36.98 1.79 0.00	38.14 1.85 0.00	40.49 2.26 0.00	50.06 3.27 0.00	56.62 3.93 -1.67	48.25 3.53 -0.04	38.14 2.52 -0.14	38.25 2.36 -0.13	35.15 2.23 -0.15	33.21 2.07 -0.17	32.38 2.06 -0.09	33.98 2.14 0.14	36.47 2.31 0.39	41.95 2.91 0.23	48.39 3.68 0.14	52.67 3.90 0.00	47.47 3.56 0.10	42.77 3.21 0.07	48.25 2.42 -9.17	38.97 2.39 0.21	35.98 1.91 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.73 1.82 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.74 1.55 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.63 2.85 0.00	55.97 3.32 -1.63	47.54 2.86 0.00	37.44 1.95 0.00	37.55 1.79 0.00	34.41 1.64 0.00	32.48 1.52 0.00	31.65 1.48 0.07	33.27 1.60 0.30	35.78 1.73 0.48	41.25 2.28 0.30	47.67 3.01 0.19	51.99 3.22 0.00	46.81 2.90 0.11	42.20 2.66 0.10	38.46 2.02 0.21	38.49 1.91 0.22	35.64 1.57 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.45 2.54 0.00	38.97 2.27 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.69 2.45 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	48.53 3.75 -0.10	38.50 2.66 -0.35	38.52 2.43 -0.32	35.44 2.29 -0.38	33.53 2.14 -0.43	32.69 2.12 -0.33	34.29 2.21 -0.11	36.67 2.38 0.25	42.12 2.98 0.13	48.68 3.90 0.08	52.93 4.15 -0.02	47.62 3.70 0.09	42.88 3.29 0.05	47.11 2.38 -8.07	39.10 2.50 0.20	36.28 2.21 0.00
E179THST_13_KV_LOAD 356214	40.60 2.69 0.00	39.08 2.38 0.00	37.34 2.18 0.00	37.30 2.11 0.00	38.53 2.25 0.00	40.84 2.60 0.00	50.43 3.65 0.00	57.03 4.34 -1.67	48.71 3.93 -0.10	38.64 2.80 -0.35	38.70 2.61 -0.32	35.57 2.43 -0.38	33.66 2.26 -0.43	32.81 2.24 -0.33	34.45 2.37 -0.11	36.81 2.52 0.25	42.32 3.18 0.13	48.91 4.13 0.08	53.18 4.39 -0.02	47.84 3.92 0.09	43.08 3.49 0.05	47.29 2.57 -8.07	39.25 2.65 0.20	36.39 2.32 0.00
EAST HAMPTON___GT 23717	44.99 4.59 -2.50	41.74 4.29 -0.76	39.80 4.08 -0.57	39.50 4.08 -0.23	41.22 4.24 -0.69	47.16 4.90 -4.02	60.04 6.88 -6.38	67.50 8.06 -8.41	59.80 6.93 -8.20	46.40 4.72 -6.19	45.78 4.68 -5.33	41.68 4.26 -4.65	36.59 3.90 -1.72	36.41 3.81 -2.36	38.36 4.06 -2.32	45.10 4.52 -6.04	51.30 5.69 -6.33	70.04 7.22 -17.96	70.41 7.80 -13.83	60.64 7.13 -9.51	53.76 6.30 -7.82	49.64 5.13 -7.85	45.32 4.86 -3.67	41.91 4.15 -3.68
EAST RIVER___6 23660	40.11 2.20 0.00	38.67 1.98 0.00	36.99 1.83 0.00	37.02 1.83 0.00	38.17 1.89 0.00	40.57 2.33 0.00	50.19 3.41 0.00	56.82 4.13 -1.67	50.86 3.80 -2.39	46.28 2.73 -8.06	45.85 2.61 -7.47	43.93 2.46 -8.70	43.13 2.29 -9.87	41.68 2.27 -9.17	43.30 2.37 -8.96	41.72 2.56 -4.63	45.96 3.14 -3.54	51.23 3.99 -2.38	53.03 4.24 -0.02	47.83 3.92 0.09	44.20 3.45 -1.11	45.30 2.60 -6.04	39.17 2.57 0.20	36.08 2.01 0.00
EAST RIVER___7 23524	40.11 2.20 0.00	38.67 1.98 0.00	36.99 1.83 0.00	37.02 1.83 0.00	38.17 1.89 0.00	40.57 2.33 0.00	50.19 3.41 0.00	56.82 4.13 -1.67	50.86 3.80 -2.39	46.28 2.73 -8.06	45.85 2.61 -7.47	43.93 2.46 -8.70	43.13 2.29 -9.87	41.68 2.27 -9.17	43.30 2.37 -8.96	41.72 2.56 -4.63	45.96 3.14 -3.54	51.23 3.99 -2.38	53.03 4.24 -0.02	47.83 3.92 0.09	44.20 3.45 -1.11	45.30 2.60 -6.04	39.17 2.57 0.20	36.08 2.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.96 2.05 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.91 1.72 0.00	38.06 1.78 0.00	40.42 2.18 0.00	49.91 3.13 0.00	56.46 3.78 -1.66	48.07 3.40 0.00	37.90 2.41 0.00	38.02 2.25 0.00	34.90 2.13 0.00	32.95 1.98 0.00	32.14 1.97 0.07	33.72 2.05 0.30	36.27 2.21 0.47	41.76 2.79 0.29	48.22 3.54 0.18	52.53 3.76 0.00	47.29 3.39 0.10	42.63 3.09 0.10	39.55 2.31 -0.58	38.86 2.28 0.21	35.91 1.84 0.00
EAST_HAMPTON___DIESEL 23722	44.99 4.59 -2.50	41.74 4.29 -0.76	39.80 4.08 -0.57	39.50 4.08 -0.23	41.22 4.24 -0.69	47.16 4.90 -4.02	60.04 6.88 -6.38	67.50 8.06 -8.41	59.80 6.93 -8.20	46.44 4.76 -6.19	45.78 4.68 -5.33	41.68 4.26 -4.65	36.59 3.90 -1.72	36.41 3.81 -2.36	38.36 4.06 -2.32	45.10 4.52 -6.04	51.30 5.69 -6.33	70.04 7.22 -17.96	70.41 7.80 -13.83	60.69 7.18 -9.51	53.76 6.30 -7.82	49.64 5.13 -7.85	45.32 4.86 -3.67	41.91 4.15 -3.68
EAST_PULASKI___ESR 323781	36.77 -1.14 0.00	35.55 -1.14 0.00	34.07 -1.09 0.00	34.10 -1.09 0.00	34.98 -1.31 0.00	37.01 -1.22 0.00	45.38 -1.40 0.00	50.02 -1.43 -0.42	43.11 -1.56 0.00	34.14 -1.35 0.00	34.41 -1.36 0.00	31.49 -1.28 0.00	29.69 -1.27 0.01	28.34 -1.27 0.64	27.97 -1.34 2.66	28.94 -1.35 4.25	35.22 -1.41 2.64	41.82 -1.39 1.65	48.09 -1.41 -0.73	42.06 -1.32 0.62	37.51 -1.27 0.86	33.60 -1.21 1.85	33.58 -1.29 1.93	32.88 -1.19 0.00
EAST_RIVER___1 323558	40.23 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 1.99 0.00	40.65 2.41 0.00	50.24 3.46 0.00	56.82 4.13 -1.67	50.86 3.80 -2.39	46.28 2.73 -8.06	45.85 2.61 -7.47	43.93 2.46 -8.70	43.13 2.29 -9.87	41.68 2.27 -9.17	43.30 2.37 -8.96	41.72 2.56 -4.63	45.96 3.14 -3.54	51.18 3.95 -2.38	52.98 4.20 -0.02	47.79 3.87 0.09	44.20 3.45 -1.11	45.30 2.60 -6.04	39.21 2.61 0.20	36.15 2.08 0.00
EAST_RIVER___2 323559	40.11 2.20 0.00	38.67 1.98 0.00	36.99 1.83 0.00	37.02 1.83 0.00	38.17 1.89 0.00	40.57 2.33 0.00	50.19 3.41 0.00	56.82 4.13 -1.67	50.86 3.80 -2.39	46.28 2.73 -8.06	45.85 2.61 -7.47	43.93 2.46 -8.70	43.13 2.29 -9.87	41.68 2.27 -9.17	43.30 2.37 -8.96	41.72 2.56 -4.63	45.96 3.14 -3.54	51.23 3.99 -2.38	53.03 4.24 -0.02	47.83 3.92 0.09	44.20 3.45 -1.11	45.30 2.60 -6.04	39.17 2.57 0.20	36.08 2.01 0.00
EAST___DELAWARE_HYD 23607	39.24 1.33 0.00	37.87 1.17 0.00	36.21 1.05 0.00	36.28 1.09 0.00	37.41 1.13 0.00	39.69 1.45 0.00	49.12 2.34 0.00	55.19 2.65 -1.51	46.82 2.14 0.00	36.76 1.28 0.00	36.80 1.04 0.00	33.69 0.92 0.00	30.97 0.00 0.00	30.13 -0.03 0.08	31.68 0.03 0.32	34.13 0.10 0.52	39.46 0.51 0.32	45.78 1.12 0.20	50.04 1.27 0.00	45.12 1.23 0.11	41.59 2.06 0.10	37.97 1.54 0.22	37.88 1.32 0.23	35.02 0.95 0.00
EIGHT_POINT___WT_PWR 323820	37.70 -0.15 0.06	36.66 0.00 0.04	35.09 -0.04 0.04	35.33 0.18 0.04	36.54 0.29 0.04	38.89 0.65 0.00	47.01 0.42 0.19	53.70 0.81 -1.86	45.17 0.49 0.00	35.59 0.11 0.04	35.62 -0.11 0.00	32.74 -0.03 0.00	30.93 -0.03 0.01	29.48 -0.21 0.55	29.39 -0.29 2.29	30.63 -0.24 3.66	37.00 0.00 2.27	43.82 0.40 1.44	53.18 0.44 -3.97	45.27 0.40 -0.87	39.18 0.28 0.74	35.21 0.15 1.59	34.91 -0.22 1.66	34.14 0.07 0.00
ELBRIDGE_115KV_TB2 80188	36.79 -1.10 0.03	35.57 -1.10 0.02	34.09 -1.05 0.02	34.12 -1.06 0.02	35.18 -1.09 0.02	37.28 -0.96 0.00	45.58 -1.12 0.08	51.20 -1.12 -1.30	43.43 -1.25 0.00	34.39 -1.10 0.00	34.53 -1.22 0.02	31.62 -1.15 0.00	29.81 -1.15 0.01	28.45 -1.12 0.67	27.99 -1.18 2.80	28.83 -1.24 4.46	35.24 -1.26 2.77	41.83 -1.30 1.73	50.33 -1.37 -2.92	43.03 -1.23 -0.26	37.59 -1.15 0.90	33.54 -1.17 1.94	33.48 -1.29 2.03	32.91 -1.16 0.00
ELEC_TRO_TEK 24086	43.03 2.62 -2.50	39.87 2.42 -0.76	38.01 2.29 -0.57	37.68 2.25 -0.23	39.33 2.36 -0.69	45.05 2.79 -4.02	57.04 3.88 -6.38	64.03 4.59 -8.41	56.98 4.11 -8.20	44.66 2.98 -6.19	43.92 2.83 -5.33	40.08 2.65 -4.65	35.17 2.48 -1.72	35.05 2.45 -2.36	36.85 2.56 -2.32	43.34 2.76 -6.04	48.98 3.38 -6.33	67.07 4.26 -17.96	67.14 4.54 -13.83	57.61 4.09 -9.51	51.19 3.73 -7.82	47.64 2.90 -8.09	43.34 2.87 -3.68	40.14 2.38 -3.68
ELLENBURG_WT_PWR 323604	39.16 1.25 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.49 1.30 0.00	37.77 1.49 0.00	39.50 1.26 0.00	47.53 0.75 0.00	51.08 0.05 0.00	45.52 0.85 0.00	36.37 0.89 0.00	36.76 1.00 0.00	33.59 0.82 0.00	31.89 0.93 0.00	31.05 0.85 0.04	32.67 0.86 0.17	35.16 0.90 0.27	39.89 0.79 0.17	45.60 0.85 0.10	49.75 0.98 0.00	44.61 0.66 0.06	40.18 0.60 0.05	37.35 0.81 0.12	37.55 0.88 0.12	35.33 1.26 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.69 -4.13 0.09	32.86 -3.78 0.05	31.41 -3.69 0.05	31.48 -3.66 0.05	32.57 -3.66 0.05	34.76 -3.48 0.00	40.87 -5.61 0.29	44.20 -5.97 0.86	39.58 -5.09 0.00	31.51 -3.97 0.00	31.56 -4.15 0.05	29.33 -3.44 0.00	27.80 -3.16 0.01	26.59 -3.02 0.63	26.10 -3.23 2.64	26.73 -3.59 4.21	32.18 -4.48 2.61	37.81 -5.34 1.71	40.03 -5.85 2.89	36.48 -5.32 2.20	34.19 -4.60 0.85	30.39 -4.44 1.83	30.36 -4.53 1.91	30.29 -3.78 0.00
EMPIRE_CC_1 323656	39.27 1.36 0.00	37.94 1.25 0.00	36.39 1.23 0.00	36.39 1.20 0.00	37.48 1.20 0.00	39.77 1.53 0.00	48.98 2.20 0.00	55.51 2.50 -1.98	46.82 2.14 0.00	37.01 1.52 0.00	37.12 1.36 0.00	34.05 1.28 0.00	32.17 1.21 0.00	31.40 1.21 0.05	32.99 1.25 0.23	35.56 1.38 0.36	40.85 1.81 0.23	46.87 2.15 0.14	51.11 2.34 0.00	46.08 2.16 0.08	41.54 1.98 0.07	38.00 1.50 0.16	38.06 1.43 0.17	35.36 1.29 0.00
EMPIRE_CC_2 323658	39.27 1.36 0.00	37.94 1.25 0.00	36.39 1.23 0.00	36.39 1.20 0.00	37.48 1.20 0.00	39.77 1.53 0.00	48.98 2.20 0.00	55.51 2.50 -1.98	46.82 2.14 0.00	37.01 1.52 0.00	37.12 1.36 0.00	34.05 1.28 0.00	32.17 1.21 0.00	31.40 1.21 0.05	32.99 1.25 0.23	35.56 1.38 0.36	40.85 1.81 0.23	46.87 2.15 0.14	51.11 2.34 0.00	46.08 2.16 0.08	41.54 1.98 0.07	38.00 1.50 0.16	38.06 1.43 0.17	35.36 1.29 0.00
ENORWICH_115KV_TB1 80156	40.92 3.03 0.03	39.57 2.90 0.02	37.85 2.71 0.02	37.95 2.78 0.02	39.35 3.08 0.02	41.95 3.71 0.00	51.27 4.58 0.09	57.78 5.41 -1.35	48.79 4.11 0.00	38.08 2.59 0.00	37.93 2.18 0.02	34.54 1.77 0.00	32.57 1.61 0.01	31.31 1.48 0.41	31.94 1.69 1.72	33.89 2.11 2.75	40.59 3.02 1.71	48.00 4.22 1.07	55.85 4.93 -2.15	48.58 4.27 -0.30	42.77 3.69 0.55	38.65 3.19 1.20	38.31 2.76 1.25	36.59 2.52 0.00
ERIE_ST__34_KV_TB1-2 80199	33.35 -4.47 0.08	32.82 -3.67 0.05	31.20 -3.90 0.05	31.34 -3.80 0.05	32.86 -3.37 0.05	35.10 -3.14 0.00	40.70 -5.80 0.28	44.34 -5.97 0.72	40.12 -4.56 0.00	31.90 -3.58 0.00	31.89 -3.83 0.05	29.62 -3.15 0.00	28.08 -2.88 0.01	26.41 -3.21 0.62	25.91 -3.45 2.61	26.54 -3.83 4.17	32.01 -4.67 2.58	37.83 -5.34 1.68	40.36 -5.85 2.56	36.55 -5.41 2.05	34.12 -4.68 0.84	30.30 -4.55 1.81	30.19 -4.71 1.89	30.59 -3.48 0.00
ERIE_WT_PWR 323693	33.77 -4.06 0.09	32.97 -3.67 0.05	31.56 -3.55 0.05	31.79 -3.34 0.05	32.75 -3.48 0.05	34.99 -3.25 0.00	40.97 -5.52 0.29	44.43 -5.82 0.78	39.85 -4.83 0.00	31.55 -3.94 0.00	31.67 -4.04 0.05	29.40 -3.37 0.00	27.99 -2.97 0.01	26.68 -2.93 0.63	26.15 -3.20 2.63	26.83 -3.52 4.19	32.27 -4.40 2.60	38.01 -5.16 1.69	40.32 -5.76 2.70	36.70 -5.19 2.11	34.35 -4.44 0.84	30.51 -4.33 1.82	30.44 -4.45 1.90	30.70 -3.37 0.00
ESPRGFLD_115KV_TB1 80157	40.02 2.12 0.01	38.70 2.02 0.01	37.05 1.90 0.01	37.12 1.94 0.01	38.42 2.14 0.01	40.84 2.60 0.00	50.30 3.56 0.03	55.35 4.08 -0.24	47.98 3.31 0.00	37.69 2.20 0.00	37.73 1.97 0.01	34.44 1.67 0.00	32.51 1.55 0.00	31.57 1.45 0.13	33.08 1.63 0.52	35.63 1.93 0.84	41.38 2.63 0.52	47.98 3.45 0.33	53.18 3.85 -0.56	47.45 3.39 -0.05	42.44 2.97 0.17	38.68 2.38 0.36	38.55 2.13 0.38	35.94 1.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.07 0.19 0.04	36.85 0.18 0.02	35.28 0.14 0.02	35.34 0.18 0.02	36.52 0.25 0.02	38.77 0.54 0.00	47.32 0.65 0.11	53.50 0.92 -1.56	45.12 0.45 0.00	35.66 0.18 0.00	35.71 -0.04 0.02	32.70 -0.07 0.00	30.84 -0.12 0.01	29.57 -0.15 0.52	29.62 -0.16 2.19	30.97 -0.07 3.50	37.30 0.20 2.17	44.03 0.54 1.36	52.56 0.68 -3.10	45.12 0.57 -0.54	39.37 0.44 0.70	35.36 0.22 1.52	35.21 0.00 1.59	34.14 0.07 0.00
ETNA____115KV_TB2 80207	38.07 0.19 0.04	36.85 0.18 0.02	35.28 0.14 0.02	35.34 0.18 0.02	36.52 0.25 0.02	38.77 0.54 0.00	47.32 0.65 0.11	53.50 0.92 -1.56	45.12 0.45 0.00	35.66 0.18 0.00	35.71 -0.04 0.02	32.70 -0.07 0.00	30.84 -0.12 0.01	29.57 -0.15 0.52	29.62 -0.16 2.19	30.97 -0.07 3.50	37.30 0.20 2.17	44.03 0.54 1.36	52.56 0.68 -3.10	45.12 0.57 -0.54	39.37 0.44 0.70	35.36 0.22 1.52	35.21 0.00 1.59	34.14 0.07 0.00
EUCLID____115KV_TB2 356179	36.41 -1.44 0.06	35.22 -1.43 0.04	33.75 -1.37 0.04	33.78 -1.37 0.04	34.80 -1.45 0.04	36.90 -1.34 0.00	45.00 -1.59 0.19	49.57 -1.63 -0.18	42.98 -1.70 0.00	34.07 -1.42 0.00	34.19 -1.54 0.04	31.36 -1.41 0.00	29.56 -1.39 0.01	28.25 -1.33 0.66	27.82 -1.41 2.75	28.66 -1.49 4.39	34.97 -1.57 2.72	41.45 -1.70 1.70	46.92 -1.85 0.00	41.41 -1.63 0.97	37.25 -1.51 0.88	33.24 -1.50 1.91	33.22 -1.58 1.99	32.60 -1.46 0.00
E_CANADA_CAP_HY 24051	40.48 2.58 0.01	39.15 2.46 0.01	37.51 2.36 0.01	37.61 2.43 0.01	38.86 2.58 0.01	41.41 3.17 0.00	51.10 4.35 0.03	58.40 4.95 -2.43	48.65 3.97 0.00	38.11 2.63 0.00	38.16 2.40 0.01	34.80 2.03 0.00	32.82 1.86 0.00	31.97 1.81 0.09	33.58 1.98 0.38	36.35 2.42 0.60	42.19 3.30 0.38	48.84 4.22 0.24	53.38 4.64 0.02	47.96 4.09 0.14	43.12 3.61 0.12	39.26 2.86 0.26	39.13 2.61 0.27	36.42 2.35 0.00
E_CANADA_MHWK_HY 24050	38.33 0.42 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.65 0.36 0.00	38.73 0.50 0.00	47.58 0.79 0.00	51.99 0.97 0.00	45.48 0.81 0.00	35.98 0.50 0.00	36.20 0.43 0.00	33.13 0.36 0.00	31.31 0.34 0.00	30.48 0.30 0.06	32.07 0.35 0.26	34.44 0.31 0.41	39.49 0.47 0.25	45.37 0.67 0.16	49.55 0.78 0.00	44.62 0.70 0.09	40.15 0.60 0.08	37.03 0.55 0.18	37.09 0.48 0.19	34.48 0.41 0.00
E_FISHKILL__LBMP 23776	39.73 1.82 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.74 1.55 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.59 2.81 0.00	56.11 3.37 -1.72	47.63 2.95 0.00	37.62 2.13 0.00	37.70 1.93 0.00	34.61 1.84 0.00	32.67 1.70 0.00	31.87 1.69 0.07	33.48 1.79 0.29	35.98 1.90 0.46	41.42 2.43 0.28	47.77 3.10 0.18	52.09 3.32 0.00	46.90 2.99 0.10	42.24 2.70 0.09	38.07 2.05 0.64	38.57 1.99 0.21	35.70 1.64 0.00
FALCON__SEABRD_CC1 323796	39.66 1.74 0.00	38.53 1.83 0.00	36.95 1.79 0.00	36.98 1.79 0.00	38.28 1.99 0.00	40.04 1.80 0.00	47.90 1.12 0.00	51.18 0.15 0.00	45.93 1.25 0.00	36.69 1.21 0.00	37.05 1.29 0.00	33.82 1.05 0.00	32.11 1.15 0.00	31.29 1.09 0.04	32.92 1.12 0.17	35.40 1.14 0.27	40.20 1.10 0.17	46.00 1.25 0.11	50.19 1.42 0.00	44.96 1.01 0.06	40.49 0.91 0.06	37.64 1.10 0.12	37.81 1.14 0.12	35.77 1.70 0.00
FALCON__SEABRD_CC2 323797	39.66 1.74 0.00	38.53 1.83 0.00	36.95 1.79 0.00	36.98 1.79 0.00	38.28 1.99 0.00	40.04 1.80 0.00	47.90 1.12 0.00	51.18 0.15 0.00	45.93 1.25 0.00	36.69 1.21 0.00	37.05 1.29 0.00	33.82 1.05 0.00	32.11 1.15 0.00	31.29 1.09 0.04	32.92 1.12 0.17	35.40 1.14 0.27	40.20 1.10 0.17	46.00 1.25 0.11	50.19 1.42 0.00	44.96 1.01 0.06	40.49 0.91 0.06	37.64 1.10 0.12	37.81 1.14 0.12	35.77 1.70 0.00

FAR ROCKAWAY___4 23548	43.48 3.07 -2.50	40.35 2.90 -0.76	38.43 2.71 -0.57	38.13 2.71 -0.23	39.77 2.79 -0.69	45.51 3.25 -4.02	57.65 4.49 -6.38	64.74 5.31 -8.41	57.57 4.69 -8.20	45.12 3.44 -6.19	44.35 3.25 -5.33	40.47 3.05 -4.65	35.57 2.88 -1.72	35.44 2.84 -2.36	37.27 2.97 -2.32	43.72 3.14 -6.04	49.49 3.89 -6.33	67.34 4.53 -17.96	67.44 4.83 -13.83	57.87 4.36 -9.51	51.74 4.28 -7.82	48.13 3.37 -8.10	43.79 3.31 -3.68	40.54 2.79 -3.68
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.26 2.35 0.00	38.82 2.13 0.00	37.09 1.93 0.00	37.13 1.94 0.00	38.32 2.03 0.00	40.69 2.45 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.87 3.80 -2.40	46.33 2.77 -8.07	45.86 2.61 -7.49	43.94 2.46 -8.71	43.14 2.29 -9.89	41.69 2.27 -9.18	43.34 2.40 -8.97	41.73 2.56 -4.63	46.00 3.18 -3.55	51.23 3.99 -2.38	53.03 4.24 -0.02	47.75 3.83 0.09	44.24 3.49 -1.11	45.31 2.60 -6.05	39.25 2.65 0.20	36.22 2.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.22 2.31 0.00	38.82 2.13 0.00	37.09 1.93 0.00	37.13 1.94 0.00	38.28 2.00 0.00	40.69 2.45 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.87 3.80 -2.40	46.33 2.77 -8.07	45.86 2.61 -7.49	43.94 2.46 -8.71	43.14 2.29 -9.89	41.69 2.27 -9.18	43.31 2.37 -8.97	41.73 2.56 -4.63	45.96 3.14 -3.55	51.19 3.95 -2.38	52.98 4.19 -0.02	47.75 3.83 0.09	44.24 3.49 -1.11	45.28 2.57 -6.05	39.25 2.65 0.20	36.18 2.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.19 2.27 0.00	38.78 2.09 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.65 2.41 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.83 3.75 -2.40	46.29 2.73 -8.07	45.83 2.58 -7.49	43.91 2.43 -8.71	43.11 2.26 -9.89	41.66 2.24 -9.18	43.31 2.37 -8.97	41.69 2.52 -4.63	45.96 3.14 -3.55	51.14 3.90 -2.38	52.93 4.15 -0.02	47.66 3.74 0.09	44.20 3.45 -1.11	45.24 2.53 -6.05	39.21 2.61 0.20	36.15 2.08 0.00
FARRAGUT___LBMP 323566	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.06 1.87 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.20 3.41 0.00	56.77 4.08 -1.67	50.78 3.71 -2.40	46.26 2.70 -8.07	45.79 2.54 -7.49	43.87 2.39 -8.71	43.08 2.23 -9.89	41.63 2.21 -9.18	43.28 2.33 -8.97	41.66 2.49 -4.63	45.92 3.10 -3.55	51.10 3.86 -2.38	52.89 4.10 -0.02	47.66 3.74 0.09	44.16 3.41 -1.11	45.24 2.53 -6.05	39.17 2.58 0.20	36.15 2.08 0.00
FENNER___WINDPWR 24204	38.37 0.49 0.03	37.11 0.44 0.02	35.56 0.42 0.02	35.63 0.46 0.02	36.77 0.51 0.02	39.00 0.76 0.00	47.71 1.03 0.10	52.96 1.28 -0.66	45.57 0.89 0.00	35.98 0.50 0.00	36.10 0.36 0.02	33.00 0.23 0.00	31.18 0.22 0.01	29.96 0.15 0.43	30.35 0.19 1.82	31.94 0.31 2.90	38.02 0.55 1.80	44.54 0.81 1.12	50.91 0.98 -1.16	44.70 0.83 0.15	39.73 0.67 0.58	35.87 0.48 1.26	35.81 0.33 1.32	34.38 0.31 0.00
FIBERTEK___ENERGY 23856	36.97 -0.91 0.03	35.76 -0.92 0.02	34.23 -0.91 0.02	34.29 -0.88 0.02	35.32 -0.94 0.02	37.44 -0.80 0.00	45.75 -0.94 0.09	51.12 -0.92 -1.01	43.60 -1.07 0.00	34.53 -0.96 0.02	34.67 -1.07 0.02	31.75 -1.02 0.00	29.90 -1.05 0.01	28.55 -1.03 0.67	28.10 -1.09 2.79	28.98 -1.11 4.45	35.41 -1.10 2.76	42.01 -1.12 1.72	49.77 -1.17 -2.17	42.89 -1.06 0.06	37.75 -0.99 0.90	33.69 -1.03 1.94	33.63 -1.14 2.02	33.05 -1.02 0.00
FITZPATRICK___ 23598	36.12 -1.78 0.01	34.93 -1.76 0.01	33.47 -1.69 0.01	33.50 -1.69 0.01	34.50 -1.78 0.01	36.52 -1.72 0.00	44.70 -2.06 0.03	48.97 -2.19 -0.14	42.53 -2.14 0.00	33.71 -1.77 0.00	33.94 -1.82 0.01	31.06 -1.71 0.00	29.31 -1.64 0.01	27.70 -1.60 0.94	26.38 -1.66 3.93	26.46 -1.80 6.28	33.41 -1.96 3.90	40.27 -2.15 2.43	46.46 -2.34 -0.02	40.52 -2.11 1.37	36.47 -1.90 1.27	32.09 -1.83 2.73	32.07 -1.88 2.85	32.37 -1.70 0.00
FLOWRFLD_69_KV_BK1 356044	43.94 3.53 -2.50	40.71 3.27 -0.76	38.82 3.09 -0.57	38.49 3.06 -0.23	40.17 3.19 -0.69	46.01 3.75 -4.02	58.40 5.24 -6.38	65.56 6.12 -8.41	58.28 5.41 -8.20	45.51 3.83 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.82 3.13 -1.72	35.71 3.11 -2.36	37.59 3.29 -2.32	44.21 3.63 -6.04	50.16 4.56 -6.33	68.29 5.47 -17.96	68.46 5.85 -13.83	59.02 5.50 -9.51	52.34 4.88 -7.82	48.48 3.96 -7.86	44.30 3.83 -3.68	40.95 3.20 -3.68
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.15 2.24 0.00	38.75 2.05 0.00	37.09 1.93 0.00	37.13 1.94 0.00	38.28 2.00 0.00	40.61 2.37 0.00	50.15 3.37 0.00	56.59 3.88 -1.69	48.03 3.35 0.00	37.79 2.31 0.00	37.84 2.07 0.00	34.67 1.90 0.00	32.70 1.73 0.00	31.87 1.69 0.07	33.54 1.85 0.29	36.11 2.04 0.47	41.61 2.63 0.29	48.13 3.45 0.18	52.53 3.76 0.00	47.29 3.39 0.10	42.60 3.05 0.09	38.80 2.35 0.20	38.83 2.24 0.21	35.94 1.87 0.00
FORT ORANGE___ 23900	38.97 1.06 0.00	37.61 0.92 0.00	36.07 0.91 0.00	36.07 0.88 0.00	37.19 0.91 0.00	39.50 1.26 0.00	48.60 1.82 0.00	55.01 1.94 -2.04	46.28 1.61 0.00	36.62 1.14 0.00	36.66 0.89 0.00	33.62 0.85 0.00	31.77 0.80 0.00	30.97 0.78 0.05	32.62 0.86 0.22	35.19 1.00 0.35	40.39 1.34 0.22	46.42 1.70 0.14	50.63 1.85 0.00	45.64 1.71 0.08	41.07 1.51 0.07	37.64 1.14 0.15	37.70 1.07 0.16	35.19 1.12 0.00
FORT_DRUM_COGEN 23780	37.80 -0.11 0.00	36.54 -0.15 0.00	34.98 -0.18 0.00	34.98 -0.21 0.00	36.07 -0.22 0.00	38.16 -0.08 0.00	46.83 0.05 0.00	51.33 0.20 -0.10	44.59 -0.09 0.00	35.17 -0.32 0.00	35.19 -0.57 0.00	32.02 -0.75 0.00	30.31 -0.65 0.01	29.14 -0.70 0.41	29.62 -0.64 1.72	31.28 -0.52 2.74	37.29 -0.27 1.70	43.88 0.09 1.06	49.11 0.34 0.00	43.54 0.13 0.60	39.12 0.04 0.55	35.43 -0.04 1.19	35.29 -0.26 1.24	33.76 -0.31 0.00
FOX_HILLS___ESR 323835	40.49 2.58 0.00	38.97 2.27 0.00	37.23 2.07 0.00	37.23 2.04 0.00	38.43 2.14 0.00	40.72 2.49 0.00	50.29 3.51 0.00	56.93 4.24 -1.67	50.99 3.89 -2.42	46.34 2.70 -8.16	45.87 2.54 -7.57	43.90 2.33 -8.80	43.13 2.17 -9.99	41.67 2.15 -9.28	43.32 2.27 -9.07	41.65 2.42 -4.69	45.96 3.10 -3.59	51.39 4.13 -2.41	53.23 4.44 -0.02	47.88 3.96 0.09	44.25 3.49 -1.13	45.56 2.60 -6.30	39.32 2.72 0.20	36.32 2.25 0.00
FPL_FAR_ROCK_GT1 24212	43.52 3.11 -2.50	40.35 2.90 -0.76	38.43 2.71 -0.57	38.13 2.71 -0.23	39.77 2.79 -0.69	45.51 3.25 -4.02	57.65 4.49 -6.38	64.74 5.31 -8.41	57.56 4.69 -8.20	45.09 3.41 -6.19	44.35 3.25 -5.33	40.47 3.05 -4.65	35.57 2.88 -1.72	35.44 2.84 -2.36	37.27 2.97 -2.32	43.76 3.18 -6.04	49.49 3.89 -6.33	67.34 4.53 -17.96	67.44 4.83 -13.83	57.96 4.44 -9.51	51.74 4.28 -7.82	48.20 3.44 -8.10	43.78 3.31 -3.67	40.51 2.76 -3.68
FPL_FAR_ROCK_GT2 23815	43.52 3.11 -2.50	40.35 2.90 -0.76	38.43 2.71 -0.57	38.13 2.71 -0.23	39.77 2.79 -0.69	45.51 3.25 -4.02	57.65 4.49 -6.38	64.74 5.31 -8.41	57.56 4.69 -8.20	45.09 3.41 -6.19	44.35 3.25 -5.33	40.47 3.05 -4.65	35.57 2.88 -1.72	35.44 2.84 -2.36	37.27 2.97 -2.32	43.76 3.18 -6.04	49.49 3.89 -6.33	67.34 4.53 -17.96	67.44 4.83 -13.83	57.96 4.44 -9.51	51.74 4.28 -7.82	48.20 3.44 -8.10	43.78 3.31 -3.67	40.51 2.76 -3.68

FRANKLIN_FALL_HYD 24054	39.31 1.40 0.00	38.20 1.50 0.00	36.64 1.48 0.00	36.63 1.44 0.00	37.92 1.63 0.00	39.65 1.41 0.00	47.76 0.98 0.00	51.59 0.56 0.00	45.84 1.16 0.00	36.59 1.10 0.00	36.98 1.22 0.00	33.72 0.95 0.00	32.11 1.15 0.00	31.24 1.06 0.06	32.80 1.09 0.26	35.19 1.07 0.41	40.03 1.02 0.26	45.91 1.21 0.16	50.09 1.32 0.00	44.84 0.92 0.09	40.35 0.79 0.08	37.58 1.10 0.18	37.67 1.07 0.19	35.43 1.36 0.00
FREEPORT_EQUS_GT1 23764	43.29 2.88 -2.50	40.13 2.68 -0.76	38.22 2.50 -0.57	37.92 2.50 -0.23	39.55 2.58 -0.69	45.32 3.06 -4.02	57.37 4.21 -6.38	64.44 5.00 -8.41	57.30 4.42 -8.20	44.91 3.23 -6.19	44.17 3.08 -5.33	40.31 2.88 -4.65	35.38 2.69 -1.72	35.26 2.66 -2.36	37.08 2.78 -2.32	43.58 3.00 -6.04	49.29 3.69 -6.33	67.48 4.66 -17.96	67.63 5.02 -13.83	58.13 4.62 -9.51	51.54 4.08 -7.82	47.93 3.23 -8.05	43.59 3.13 -3.67	40.37 2.62 -3.68
FREEPORT___CT2 23818	43.29 2.88 -2.50	40.13 2.68 -0.76	38.22 2.50 -0.57	37.92 2.50 -0.23	39.55 2.58 -0.69	45.32 3.06 -4.02	57.37 4.21 -6.38	64.44 5.00 -8.41	57.30 4.42 -8.20	44.91 3.23 -6.19	44.17 3.08 -5.33	40.31 2.88 -4.65	35.38 2.69 -1.72	35.26 2.66 -2.36	37.08 2.78 -2.32	43.58 3.00 -6.04	49.29 3.69 -6.33	67.48 4.66 -17.96	67.63 5.02 -13.83	58.13 4.62 -9.51	51.54 4.08 -7.82	47.93 3.23 -8.05	43.59 3.13 -3.67	40.37 2.62 -3.68
FRESHKLS_33_KV_LOAD 356253	40.45 2.54 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.69 2.45 0.00	50.15 3.37 0.00	56.72 4.03 -1.67	50.85 3.75 -2.42	46.16 2.59 -8.08	45.65 2.40 -7.49	43.70 2.23 -8.70	42.92 2.07 -9.88	41.44 2.03 -9.17	43.10 2.14 -8.98	41.51 2.28 -4.69	45.84 2.98 -3.59	51.31 4.04 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.13 3.37 -1.13	45.47 2.53 -6.28	39.28 2.69 0.20	36.28 2.21 0.00
FULTON COGEN____ 23766	36.48 -1.44 -0.01	35.27 -1.43 -0.01	33.80 -1.37 -0.01	33.83 -1.37 -0.01	34.80 -1.49 -0.01	36.86 -1.38 0.00	45.18 -1.64 -0.04	49.81 -1.68 -0.47	42.89 -1.79 0.00	33.96 -1.53 0.00	34.16 -1.61 -0.01	31.26 -1.51 0.00	29.44 -1.52 0.01	28.05 -1.48 0.71	27.49 -1.53 2.95	28.24 -1.59 4.71	34.66 -1.69 2.92	41.24 -1.79 1.82	47.68 -1.90 -0.81	41.60 -1.72 0.69	37.10 -1.59 0.95	33.03 -1.58 2.05	33.00 -1.66 2.14	32.57 -1.50 0.00
FULTON___LFGE 323630	42.19 4.28 0.00	40.76 4.07 0.00	39.06 3.90 0.00	39.17 3.98 0.00	40.56 4.28 0.00	43.36 5.13 0.00	53.52 6.74 0.00	60.70 7.35 -2.33	50.44 5.77 0.00	39.21 3.73 0.00	39.20 3.43 0.00	35.65 2.88 0.00	33.57 2.60 0.00	32.67 2.51 0.08	34.47 2.81 0.32	37.59 3.56 0.50	43.90 4.95 0.31	50.89 6.23 0.20	55.60 6.83 0.00	49.83 5.94 0.11	44.77 5.23 0.10	40.61 4.18 0.22	40.46 3.90 0.23	37.68 3.61 0.00
G.F.CEMENT___DRP 24184	39.24 1.33 0.00	37.87 1.17 0.00	36.32 1.16 0.00	36.35 1.16 0.00	37.52 1.23 0.00	39.92 1.68 0.00	49.26 2.48 0.00	55.95 2.81 -2.12	46.87 2.19 0.00	36.76 1.28 0.00	36.80 1.04 0.00	33.59 0.82 0.00	31.65 0.68 0.00	30.89 0.70 0.05	32.53 0.77 0.21	35.24 1.04 0.34	40.87 1.81 0.21	47.06 2.33 0.13	51.36 2.58 0.00	46.22 2.29 0.07	41.59 2.02 0.07	37.87 1.36 0.15	37.82 1.18 0.15	35.13 1.06 0.00
GARDENVILLE___LBMP 24039	33.69 -4.13 0.09	32.90 -3.74 0.05	31.41 -3.69 0.05	31.48 -3.66 0.05	32.68 -3.56 0.05	34.87 -3.36 0.00	40.92 -5.57 0.29	44.29 -5.92 0.82	39.72 -4.96 0.00	31.62 -3.87 0.05	31.67 -4.04 0.00	29.39 -3.38 0.00	27.86 -3.10 0.01	26.62 -2.99 0.63	26.11 -3.23 2.63	26.74 -3.59 4.20	32.19 -4.48 2.61	37.91 -5.25 1.70	40.18 -5.80 2.79	36.57 -5.28 2.16	34.23 -4.56 0.85	30.43 -4.40 1.83	30.40 -4.49 1.91	30.36 -3.71 0.00
GARDNVLA_35_KV_LD 355827	33.77 -4.06 0.09	33.01 -3.63 0.05	31.48 -3.62 0.05	31.58 -3.55 0.05	32.78 -3.45 0.05	34.99 -3.25 0.00	41.02 -5.47 0.29	44.50 -5.77 0.76	39.90 -4.78 0.00	31.73 -3.76 0.00	31.78 -3.93 0.05	29.49 -3.28 0.00	27.99 -2.97 0.01	26.68 -2.93 0.63	26.19 -3.17 2.62	26.83 -3.52 4.18	32.28 -4.40 2.60	38.01 -5.16 1.69	40.45 -5.66 2.66	36.76 -5.15 2.09	34.35 -4.44 0.84	30.51 -4.33 1.82	30.48 -4.42 1.90	30.49 -3.58 0.00
GELCKHM___115KV_LOAD 80723	36.61 -1.25 0.05	35.41 -1.25 0.03	33.93 -1.20 0.03	33.96 -1.20 0.03	35.02 -1.23 0.03	37.13 -1.11 0.00	45.32 -1.31 0.15	50.27 -1.38 -0.62	43.25 -1.43 0.00	34.24 -1.24 0.00	34.37 -1.36 0.03	31.53 -1.25 0.00	29.69 -1.27 0.01	28.37 -1.21 0.67	27.91 -1.28 2.78	28.74 -1.35 4.45	35.10 -1.41 2.76	41.66 -1.48 1.72	48.39 -1.56 -1.18	42.12 -1.41 0.48	37.43 -1.31 0.90	33.40 -1.32 1.93	33.38 -1.40 2.02	32.77 -1.29 0.00
GENERAL___MILLS 23808	33.69 -4.13 0.09	32.93 -3.71 0.05	31.45 -3.66 0.05	31.51 -3.62 0.05	32.71 -3.52 0.05	34.95 -3.29 0.00	40.93 -5.57 0.29	44.38 -5.87 0.78	39.81 -4.87 0.00	31.69 -3.80 0.00	31.74 -3.97 0.05	29.46 -3.31 0.00	27.92 -3.03 0.01	26.62 -2.99 0.63	26.12 -3.23 2.63	26.79 -3.56 4.19	32.23 -4.44 2.60	37.96 -5.20 1.69	40.32 -5.76 2.70	36.66 -5.24 2.11	34.27 -4.52 0.84	30.47 -4.36 1.82	30.40 -4.49 1.90	30.42 -3.65 0.00
GE_PLASTICS___DRP 24183	39.01 1.10 0.00	37.68 0.99 0.00	36.14 0.98 0.00	36.18 0.99 0.00	37.26 0.98 0.00	39.50 1.26 0.00	48.56 1.78 0.00	55.06 1.99 -2.04	46.37 1.70 0.00	36.69 1.21 0.00	36.80 1.04 0.00	33.75 0.98 0.00	31.89 0.93 0.00	31.10 0.91 0.05	32.72 0.96 0.22	35.26 1.07 0.35	40.47 1.41 0.22	46.47 1.75 0.13	50.67 1.90 0.00	45.69 1.76 0.08	41.15 1.59 0.07	37.68 1.17 0.15	37.74 1.10 0.16	35.19 1.12 0.00
GILBOA___1 23756	38.93 1.02 0.01	37.60 0.92 0.01	36.03 0.88 0.01	36.07 0.88 0.01	37.19 0.91 0.01	39.38 1.15 0.00	48.39 1.64 0.03	54.47 1.83 -1.61	46.28 1.61 0.00	36.66 1.17 0.00	36.80 1.04 0.01	33.75 0.98 0.00	31.86 0.90 0.00	31.03 0.88 0.09	32.52 0.93 0.38	34.97 1.04 0.60	40.23 1.34 0.37	46.28 1.66 0.23	50.55 1.81 0.02	45.53 1.67 0.14	41.06 1.54 0.12	37.53 1.14 0.26	37.59 1.07 0.27	34.99 0.92 0.00
GILBOA___2 23757	38.93 1.02 0.01	37.60 0.92 0.01	36.03 0.88 0.01	36.07 0.88 0.01	37.19 0.91 0.01	39.38 1.15 0.00	48.39 1.64 0.03	54.47 1.83 -1.61	46.28 1.61 0.00	36.66 1.17 0.00	36.80 1.04 0.01	33.75 0.98 0.00	31.86 0.90 0.00	31.03 0.88 0.09	32.52 0.93 0.38	34.97 1.04 0.60	40.23 1.34 0.37	46.28 1.66 0.23	50.55 1.81 0.02	45.53 1.67 0.14	41.06 1.54 0.12	37.53 1.14 0.26	37.59 1.07 0.27	34.99 0.92 0.00
GILBOA___3 23758	38.93 1.02 0.01	37.60 0.92 0.01	36.03 0.88 0.01	36.07 0.88 0.01	37.19 0.91 0.01	39.38 1.15 0.00	48.39 1.64 0.03	54.47 1.83 -1.61	46.28 1.61 0.00	36.66 1.17 0.00	36.80 1.04 0.01	33.75 0.98 0.00	31.86 0.90 0.00	31.03 0.88 0.09	32.52 0.93 0.38	34.97 1.04 0.60	40.23 1.34 0.37	46.28 1.66 0.23	50.55 1.81 0.02	45.53 1.67 0.14	41.06 1.54 0.12	37.53 1.14 0.26	37.59 1.07 0.27	34.99 0.92 0.00

GILBOA___4 23759	38.93 1.02 0.01	37.60 0.92 0.01	36.03 0.88 0.01	36.07 0.88 0.01	37.19 0.91 0.01	39.38 1.15 0.00	48.39 1.64 0.03	54.47 1.83 -1.61	46.28 1.61 0.00	36.66 1.17 0.00	36.80 1.04 0.01	33.75 0.98 0.00	31.86 0.90 0.00	31.03 0.88 0.09	32.52 0.93 0.38	34.97 1.04 0.60	40.23 1.34 0.37	46.28 1.66 0.23	50.55 1.81 0.02	45.53 1.67 0.14	41.06 1.54 0.12	37.53 1.14 0.26	37.59 1.07 0.27	34.99 0.92 0.00
GILBOA____ 23599	38.93 1.02 0.01	37.60 0.92 0.01	36.03 0.88 0.01	36.06 0.88 0.01	37.19 0.91 0.01	39.39 1.15 0.00	48.39 1.64 0.03	54.48 1.84 -1.61	46.24 1.56 0.00	36.66 1.17 0.00	36.80 1.04 0.01	33.72 0.95 0.00	31.86 0.90 0.00	31.03 0.88 0.09	32.52 0.93 0.38	34.97 1.04 0.60	40.23 1.34 0.37	46.28 1.66 0.23	50.55 1.80 0.02	45.58 1.72 0.14	41.06 1.55 0.12	37.53 1.14 0.26	37.59 1.07 0.27	34.99 0.92 0.00
GINNA____ 23603	34.18 -3.64 0.09	33.04 -3.59 0.06	31.66 -3.44 0.06	31.69 -3.45 0.06	32.64 -3.59 0.06	34.72 -3.52 0.00	42.16 -4.35 0.28	44.71 -4.64 1.67	40.21 -4.47 0.00	31.72 -3.76 0.00	31.92 -3.79 0.06	29.30 -3.47 0.00	27.74 -3.22 0.01	26.62 -2.96 0.66	26.07 -3.13 2.77	26.77 -3.35 4.42	32.76 -3.77 2.74	38.85 -4.31 1.70	39.06 -4.63 5.07	36.66 -4.22 3.12	34.98 -3.77 0.89	31.10 -3.63 1.92	31.03 -3.75 2.01	30.56 -3.51 0.00
GLEN PARK____ 23778	37.91 0.00 0.00	36.62 -0.07 0.00	35.05 -0.11 0.00	35.08 -0.11 0.00	36.18 -0.11 0.00	38.28 0.04 0.00	47.02 0.24 0.00	51.54 0.41 -0.11	44.77 0.09 0.00	35.24 -0.25 0.00	35.26 -0.50 0.00	32.05 -0.72 0.00	30.34 -0.62 0.01	29.15 -0.67 0.43	29.58 -0.61 1.79	31.27 -0.41 2.85	37.34 -0.16 1.77	44.07 0.32 1.10	49.36 0.59 0.00	43.73 0.35 0.63	39.30 0.24 0.57	35.53 0.11 1.24	35.35 -0.15 1.30	33.90 -0.17 0.00
GLENDALE_27_KV_LOAD 356172	40.53 2.62 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.88 2.64 0.00	50.57 3.79 0.00	57.23 4.54 -1.67	51.25 4.15 -2.42	46.59 2.95 -8.16	46.09 2.75 -7.57	44.16 2.59 -8.80	43.38 2.42 -9.99	41.88 2.36 -9.28	43.54 2.49 -9.07	41.89 2.66 -4.69	46.20 3.34 -3.59	51.57 4.31 -2.41	53.37 4.58 -0.02	48.01 4.09 0.09	44.41 3.65 -1.13	45.83 2.71 -6.46	39.39 2.80 0.20	36.39 2.32 0.00
GLENWOOD_IC_1_G5 23712	43.21 2.81 -2.50	40.05 2.61 -0.76	38.15 2.43 -0.57	37.85 2.43 -0.23	39.48 2.50 -0.69	45.24 2.98 -4.02	56.95 3.79 -6.38	63.98 4.54 -8.41	56.94 4.07 -8.20	44.87 3.19 -6.19	44.13 3.04 -5.33	40.27 2.85 -4.65	35.35 2.66 -1.72	35.23 2.63 -2.36	37.05 2.75 -2.32	43.55 2.97 -6.04	48.94 3.34 -6.33	67.03 4.22 -17.96	67.09 4.49 -13.83	57.56 4.05 -9.51	51.15 3.69 -7.82	47.56 2.82 -8.08	43.53 3.05 -3.68	40.31 2.56 -3.68
GLENWOOD_IC_2_G1 23688	43.14 2.73 -2.50	39.98 2.53 -0.76	38.08 2.36 -0.57	37.78 2.36 -0.23	39.41 2.43 -0.69	45.13 2.87 -4.02	57.09 3.93 -6.38	64.13 4.69 -8.41	57.03 4.16 -8.20	44.77 3.09 -6.19	44.03 2.93 -5.33	40.18 2.75 -4.65	35.26 2.57 -1.72	35.14 2.54 -2.36	36.95 2.65 -2.32	43.45 2.87 -6.04	49.06 3.46 -6.33	67.16 4.35 -17.96	67.24 4.64 -13.83	57.78 4.27 -9.51	51.27 3.81 -7.82	47.77 3.01 -8.11	43.45 2.98 -3.67	40.21 2.45 -3.68
GLENWOOD_IC_3_G1 23689	43.14 2.73 -2.50	39.98 2.53 -0.76	38.08 2.36 -0.57	37.78 2.36 -0.23	39.41 2.43 -0.69	45.13 2.87 -4.02	57.09 3.93 -6.38	64.13 4.69 -8.41	57.03 4.16 -8.20	44.77 3.09 -6.19	44.03 2.93 -5.33	40.18 2.75 -4.65	35.26 2.57 -1.72	35.14 2.54 -2.36	36.95 2.65 -2.32	43.45 2.87 -6.04	49.06 3.46 -6.33	67.16 4.35 -17.96	67.24 4.64 -13.83	57.78 4.27 -9.51	51.27 3.81 -7.82	47.77 3.01 -8.11	43.45 2.98 -3.67	40.21 2.45 -3.68
GLENWOOD___4 23550	43.21 2.81 -2.50	40.05 2.61 -0.76	38.15 2.43 -0.57	37.85 2.43 -0.23	39.48 2.50 -0.69	45.24 2.98 -4.02	57.09 3.93 -6.38	64.08 4.64 -8.41	57.03 4.15 -8.20	44.87 3.19 -6.19	44.13 3.04 -5.33	40.27 2.85 -4.65	35.35 2.66 -1.72	35.23 2.63 -2.36	37.05 2.75 -2.32	43.55 2.97 -6.04	49.02 3.42 -6.33	67.16 4.35 -17.96	67.24 4.63 -13.83	57.70 4.18 -9.51	51.23 3.77 -7.82	47.67 2.93 -8.08	43.53 3.05 -3.68	40.31 2.56 -3.68
GLENWOOD___5 23614	43.21 2.81 -2.50	40.05 2.61 -0.76	38.15 2.43 -0.57	37.85 2.43 -0.23	39.48 2.50 -0.69	45.24 2.98 -4.02	57.09 3.93 -6.38	64.08 4.64 -8.41	57.03 4.15 -8.20	44.87 3.19 -6.19	44.13 3.04 -5.33	40.27 2.85 -4.65	35.35 2.66 -1.72	35.23 2.63 -2.36	37.05 2.75 -2.32	43.55 2.97 -6.04	49.02 3.42 -6.33	67.16 4.35 -17.96	67.24 4.63 -13.83	57.70 4.18 -9.51	51.23 3.77 -7.82	47.67 2.93 -8.08	43.53 3.05 -3.68	40.31 2.56 -3.68
GLOBAL GREEN_PORT_GT1 23814	44.92 4.51 -2.50	41.67 4.22 -0.76	39.77 4.04 -0.57	39.47 4.05 -0.23	41.15 4.17 -0.69	47.12 4.86 -4.02	59.94 6.78 -6.38	67.45 8.01 -8.41	59.71 6.84 -8.20	46.36 4.68 -6.19	45.74 4.65 -5.33	41.65 4.23 -4.65	36.56 3.87 -1.72	36.38 3.78 -2.36	38.32 4.03 -2.32	45.07 4.49 -6.04	51.22 5.62 -6.33	69.99 7.18 -17.96	70.36 7.76 -13.83	60.60 7.09 -9.51	53.68 6.22 -7.82	49.60 5.09 -7.85	45.25 4.78 -3.67	41.87 4.12 -3.68
GLOBE___DSASP 323697	32.97 -4.85 0.09	32.05 -4.59 0.06	30.67 -4.43 0.06	30.74 -4.40 0.06	31.59 -4.64 0.06	33.69 -4.55 0.00	39.74 -6.74 0.30	42.50 -7.55 0.97	38.06 -6.61 0.00	30.38 -5.11 0.00	30.49 -5.22 0.06	28.31 -4.46 0.00	26.87 -4.09 0.01	25.92 -3.69 0.64	25.35 -3.93 2.69	25.93 -4.35 4.26	31.17 -5.46 2.64	36.49 -6.64 1.73	38.30 -7.32 3.16	35.08 -6.60 2.33	33.11 -5.67 0.86	29.42 -5.39 1.85	29.49 -5.37 1.93	29.30 -4.77 0.00
GOETHSLN___LBMP 323567	40.00 2.09 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.88 1.69 0.00	38.06 1.78 0.00	40.46 2.22 0.00	49.91 3.13 0.00	49.76 3.72 4.99	48.56 3.44 -0.44	46.08 2.52 -8.07	45.61 2.36 -7.49	43.74 2.26 -8.71	42.96 2.11 -9.89	41.54 2.12 -9.18	43.15 2.21 -8.97	41.56 2.38 -4.63	45.72 2.91 -3.55	48.29 3.59 0.15	50.86 3.80 1.72	47.40 3.48 0.09	44.00 3.25 -1.11	45.14 2.35 -6.14	39.02 2.43 0.20	35.98 1.91 0.00
GOLAH___69_KV_TB 1_2 80279	35.36 -2.46 0.09	34.18 -2.46 0.06	32.89 -2.22 0.06	32.92 -2.22 0.06	33.87 -2.36 0.06	36.10 -2.14 0.00	43.36 -3.13 0.28	46.73 -3.37 0.93	41.37 -3.31 0.00	32.83 -2.66 0.00	32.92 -2.79 0.06	30.35 -2.43 0.00	28.73 -2.23 0.01	27.65 -1.94 0.66	27.18 -2.05 2.75	27.94 -2.21 4.39	33.95 -2.59 2.72	40.06 -3.10 1.70	42.44 -3.22 3.11	38.82 -2.90 2.29	36.25 -2.50 0.88	32.25 -2.49 1.91	32.15 -2.65 1.99	31.62 -2.45 0.00
GOODYEAR_LAKE_HYD 323669	39.49 1.59 0.02	38.19 1.50 0.01	36.56 1.41 0.01	36.62 1.44 0.01	37.87 1.60 0.01	40.19 1.95 0.00	49.35 2.62 0.05	54.95 3.06 -0.86	47.22 2.55 0.00	37.19 1.70 0.00	37.26 1.50 0.01	34.08 1.31 0.00	32.17 1.21 0.00	31.20 1.15 0.19	32.44 1.28 0.81	34.70 1.45 1.29	40.43 1.96 0.80	46.95 2.60 0.50	52.56 2.93 -0.86	46.68 2.60 -0.08	41.68 2.30 0.26	37.89 1.80 0.56	37.83 1.62 0.59	35.47 1.40 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.43 -0.45 0.03	36.27 -0.40 0.02	34.72 -0.42 0.02	34.78 -0.39 0.02	35.98 -0.29 0.02	38.16 -0.08 0.00	46.45 -0.23 0.10	52.23 -0.05 -1.25	44.50 -0.18 0.00	35.20 -0.28 0.00	35.32 -0.43 0.02	32.41 -0.36 0.00	30.62 -0.34 0.01	29.46 -0.36 0.42	29.79 -0.42 1.77	31.27 -0.45 2.82	37.17 -0.35 1.75	43.58 -0.18 1.10	50.36 -0.24 -1.83	43.94 -0.22 -0.15	38.87 -0.20 0.57	35.06 -0.37 1.23	35.00 -0.52 1.28	33.69 -0.37 0.00
GOUDEY___7 23579	37.46 -0.42 0.03	36.31 -0.37 0.02	34.75 -0.39 0.02	34.82 -0.35 0.02	36.01 -0.25 0.02	38.20 -0.04 0.00	46.49 -0.19 0.10	52.28 0.00 -1.25	44.54 -0.13 0.00	35.24 -0.25 0.00	35.35 -0.39 0.02	32.44 -0.33 0.00	30.65 -0.31 0.01	29.46 -0.36 0.42	29.82 -0.38 1.77	31.30 -0.41 2.82	37.21 -0.31 1.75	43.62 -0.13 1.10	50.41 -0.20 -1.83	43.98 -0.18 -0.15	38.91 -0.16 0.57	35.10 -0.33 1.23	35.00 -0.52 1.28	33.69 -0.37 0.00
GOUDEY___8 23580	37.43 -0.45 0.03	36.27 -0.40 0.02	34.72 -0.42 0.02	34.78 -0.39 0.02	35.98 -0.29 0.02	38.16 -0.08 0.00	46.45 -0.23 0.10	52.23 -0.05 -1.25	44.50 -0.18 0.00	35.20 -0.28 0.00	35.32 -0.43 0.02	32.41 -0.36 0.00	30.62 -0.34 0.01	29.46 -0.36 0.42	29.79 -0.42 1.77	31.27 -0.45 2.82	37.17 -0.35 1.75	43.58 -0.18 1.10	50.36 -0.24 -1.83	43.94 -0.22 -0.15	38.87 -0.20 0.57	35.06 -0.37 1.23	35.00 -0.52 1.28	33.69 -0.37 0.00
GOWANUS_GT1_1 24077	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT1_2 24078	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT1_3 24079	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT1_4 24080	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT1_5 24084	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT1_6 24111	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT1_7 24112	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT1_8 24113	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT2_1 24114	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT2_2 24115	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT2_3 24116	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT2_4 24117	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00

GOWANUS_GT2_5 24118	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT2_6 24119	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT2_7 24120	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT2_8 24121	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_1 24122	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_2 24123	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_3 24124	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_4 24125	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_5 24126	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_6 24127	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_7 24128	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT3_8 24129	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
GOWANUS_GT4_1 24130	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT4_2 24131	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT4_3 24132	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00

GOWANUS_GT4_4 24133	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT4_5 24134	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT4_6 24135	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT4_7 24136	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GOWANUS_GT4_8 24137	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GREENBSH_115KV_TB3 55895	38.97 1.06 0.00	37.61 0.92 0.00	36.11 0.95 0.00	36.14 0.95 0.00	37.19 0.91 0.00	39.46 1.22 0.00	48.61 1.82 0.00	55.07 1.99 -2.05	46.37 1.70 0.00	36.69 1.21 0.00	36.77 1.00 0.00	33.75 0.98 0.00	31.89 0.93 0.00	31.13 0.94 0.05	32.75 0.99 0.22	35.30 1.11 0.35	40.47 1.41 0.21	46.47 1.75 0.13	50.67 1.90 0.00	45.73 1.80 0.08	41.15 1.59 0.07	37.68 1.17 0.15	37.74 1.10 0.16	35.26 1.19 0.00
GREENDGE_115KV_TB5 80291	37.06 -0.80 0.05	36.14 -0.51 0.03	34.60 -0.53 0.03	34.66 -0.49 0.03	35.92 -0.33 0.03	37.97 -0.27 0.00	46.10 -0.51 0.17	56.24 -0.26 -5.47	44.10 -0.58 0.00	35.10 -0.39 0.00	35.12 -0.61 0.03	32.21 -0.56 0.00	30.37 -0.59 0.01	29.10 -0.57 0.56	28.98 -0.64 2.35	30.16 -0.62 3.76	36.19 -0.75 2.33	42.85 -0.54 1.46	61.92 -0.54 -13.69	48.50 -0.48 -4.98	38.36 -0.52 0.76	34.51 -0.51 1.63	34.28 -0.81 1.71	33.46 -0.61 0.00
GREENIDGE___3 23582	37.06 -0.80 0.05	36.14 -0.51 0.03	34.60 -0.53 0.03	34.66 -0.49 0.03	35.92 -0.33 0.03	37.97 -0.27 0.00	46.10 -0.51 0.17	56.24 -0.26 -5.47	44.10 -0.58 0.00	35.10 -0.39 0.00	35.12 -0.61 0.03	32.21 -0.56 0.00	30.37 -0.59 0.01	29.10 -0.57 0.56	28.98 -0.64 2.35	30.16 -0.62 3.76	36.19 -0.75 2.33	42.85 -0.54 1.46	61.92 -0.54 -13.69	48.50 -0.48 -4.98	38.36 -0.52 0.76	34.51 -0.51 1.63	34.28 -0.81 1.71	33.46 -0.61 0.00
GREENIDGE___4 23583	37.06 -0.80 0.05	36.14 -0.51 0.03	34.60 -0.53 0.03	34.77 -0.39 0.03	35.92 -0.33 0.03	37.97 -0.27 0.00	46.10 -0.51 0.17	56.24 -0.25 -5.47	44.10 -0.58 0.00	34.99 -0.50 0.00	35.05 -0.68 0.03	32.15 -0.62 0.00	30.37 -0.59 0.01	29.04 -0.64 0.56	28.95 -0.67 2.35	30.12 -0.66 3.76	36.15 -0.79 2.33	42.81 -0.58 1.46	61.87 -0.58 -13.69	48.46 -0.53 -4.98	38.32 -0.55 0.76	34.40 -0.62 1.63	34.28 -0.81 1.71	33.52 -0.55 0.00
GREENLWN_69_KV_BK 3 55738	43.03 2.62 -2.50	39.87 2.42 -0.76	38.01 2.29 -0.57	37.71 2.29 -0.23	39.33 2.36 -0.69	45.05 2.79 -4.02	56.90 3.74 -6.38	63.62 4.18 -8.41	56.85 3.98 -8.20	44.70 3.02 -6.19	43.95 2.86 -5.33	40.08 2.65 -4.65	35.17 2.48 -1.72	35.05 2.45 -2.36	36.89 2.59 -2.32	43.38 2.80 -6.04	48.98 3.38 -6.33	66.76 3.95 -17.96	66.80 4.19 -13.83	57.30 3.78 -9.51	50.91 3.45 -7.82	47.46 2.90 -7.91	43.38 2.91 -3.68	40.17 2.42 -3.68
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00
GRISSOM___SOLAR 323813	42.19 4.28 0.00	40.76 4.07 0.00	39.06 3.90 0.00	39.17 3.98 0.00	40.56 4.28 0.00	43.36 5.13 0.00	53.52 6.74 0.00	60.70 7.35 -2.33	50.44 5.77 0.00	39.21 3.73 0.00	39.20 3.43 0.00	35.65 2.88 0.00	33.57 2.60 0.00	32.67 2.51 0.08	34.47 2.81 0.32	37.59 3.56 0.50	43.90 4.95 0.31	50.89 6.23 0.20	55.60 6.83 0.00	49.83 5.94 0.11	44.77 5.23 0.10	40.61 4.18 0.22	40.46 3.90 0.23	37.68 3.61 0.00
GROVEVILLE___HYD 323602	40.15 2.24 0.00	38.75 2.05 0.00	37.09 1.93 0.00	37.13 1.94 0.00	38.28 2.00 0.00	40.61 2.37 0.00	50.15 3.37 0.00	56.59 3.88 -1.69	48.03 3.35 0.00	37.79 2.31 0.00	37.84 2.07 0.00	34.67 1.90 0.00	32.70 1.73 0.00	31.87 1.69 0.07	33.54 1.85 0.29	36.11 2.04 0.47	41.61 2.63 0.29	48.13 3.45 0.18	52.53 3.76 0.00	47.29 3.39 0.10	42.60 3.05 0.09	38.80 2.35 0.20	38.83 2.24 0.21	35.94 1.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.97 -0.91 0.03	35.76 -0.92 0.02	34.23 -0.91 0.02	34.29 -0.88 0.02	35.32 -0.94 0.02	37.44 -0.80 0.00	45.75 -0.94 0.09	51.12 -0.92 -1.01	43.60 -1.07 0.00	34.53 -0.96 0.00	34.67 -1.07 0.02	31.75 -1.02 0.00	29.90 -1.05 0.01	28.55 -1.03 0.67	28.10 -1.09 2.79	28.98 -1.11 4.45	35.41 -1.10 2.76	42.01 -1.12 1.72	49.77 -1.17 -2.17	42.89 -1.06 0.06	37.75 -0.99 0.90	33.69 -1.03 1.94	33.63 -1.14 2.02	33.05 -1.02 0.00
HAMLTNNY_34_KV_TB 80303	37.01 -0.87 0.03	35.79 -0.88 0.02	34.30 -0.84 0.02	34.33 -0.84 0.02	35.40 -0.87 0.02	37.55 -0.69 0.00	45.90 -0.80 0.08	51.47 -0.77 -1.21	43.69 -0.98 0.00	34.60 -0.89 0.00	34.71 -1.04 0.02	31.82 -0.95 0.00	29.97 -0.99 0.01	28.61 -0.97 0.67	28.16 -1.02 2.79	29.04 -1.04 4.46	35.48 -1.02 2.77	42.10 -1.03 1.73	50.42 -1.02 -2.67	43.19 -0.97 -0.15	37.83 -0.91 0.90	33.76 -0.95 1.94	33.70 -1.07 2.03	33.08 -0.99 0.00

HAMPSHIRE___PAPER_HYD 323593	37.72 -0.19 0.00	36.55 -0.15 0.00	35.02 -0.14 0.00	35.02 -0.18 0.00	36.18 -0.11 0.00	37.93 -0.31 0.00	46.22 -0.56 0.00	50.41 -0.66 -0.05	44.19 -0.49 0.00	35.06 -0.42 0.00	35.30 -0.47 0.00	32.15 -0.62 0.00	30.53 -0.43 0.00	29.59 -0.45 0.20	30.70 -0.45 0.83	32.69 -0.52 1.33	37.86 -0.59 0.82	43.81 -0.54 0.51	48.33 -0.44 0.00	43.19 -0.53 0.29	38.81 -0.55 0.27	35.71 -0.37 0.58	35.75 -0.44 0.60	33.87 -0.20 0.00
HARDSCRABBLE_WT_PWR 323673	38.37 0.46 0.00	37.10 0.40 0.00	35.55 0.39 0.00	35.58 0.39 0.00	36.69 0.40 0.00	38.77 0.54 0.00	47.62 0.84 0.00	52.04 1.02 0.00	45.52 0.85 0.00	36.02 0.53 0.00	36.23 0.46 0.00	33.16 0.39 0.00	31.34 0.37 0.00	30.51 0.33 0.06	32.10 0.39 0.26	34.47 0.35 0.41	39.56 0.55 0.25	45.46 0.76 0.16	49.60 0.83 0.00	44.66 0.75 0.09	40.23 0.67 0.08	37.06 0.58 0.18	37.12 0.51 0.19	34.51 0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.77 1.86 0.00	38.42 1.72 0.00	36.78 1.62 0.00	36.77 1.58 0.00	37.95 1.67 0.00	40.27 2.03 0.00	49.73 2.95 0.00	56.07 3.47 -1.57	47.67 2.99 0.00	37.55 2.06 0.00	37.66 1.90 0.00	34.54 1.77 0.00	32.58 1.61 0.00	31.77 1.60 0.07	33.36 1.69 0.31	35.90 1.87 0.50	41.36 2.40 0.31	47.85 3.18 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.31 2.77 0.10	38.79 2.09 -0.04	38.56 1.99 0.23	35.70 1.64 0.00
HARSNRAD_115KV_TB1 81005	33.46 -4.36 0.09	32.56 -4.07 0.06	31.17 -3.94 0.06	31.23 -3.91 0.06	32.20 -4.03 0.06	34.38 -3.86 0.00	40.55 -5.94 0.29	43.62 -6.48 0.92	39.05 -5.63 0.00	31.09 -4.40 0.00	31.13 -4.58 0.06	28.90 -3.87 0.00	27.40 -3.56 0.01	26.34 -3.27 0.64	25.81 -3.49 2.68	26.43 -3.83 4.27	31.83 -4.79 2.65	37.44 -5.70 1.71	39.47 -6.24 3.06	36.05 -5.68 2.28	33.90 -4.88 0.86	30.11 -4.69 1.86	30.11 -4.75 1.94	29.95 -4.12 0.00
HARZA MOOSE___RIVER 24016	38.54 0.64 0.01	37.27 0.59 0.01	35.71 0.56 0.01	35.75 0.56 0.01	36.89 0.62 0.01	39.04 0.80 0.00	47.82 1.08 0.04	52.42 1.33 -0.06	45.70 1.03 0.00	36.09 0.60 0.00	36.15 0.39 0.01	33.00 0.23 0.00	31.21 0.25 0.00	30.20 0.18 0.23	31.28 0.26 0.94	33.41 0.38 1.51	39.00 0.67 0.94	45.30 1.03 0.58	49.99 1.22 0.00	44.69 1.01 0.33	40.17 0.83 0.30	36.70 0.70 0.66	36.62 0.52 0.68	34.51 0.44 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.57 -1.29 0.05	35.34 -1.32 0.03	33.86 -1.27 0.03	33.93 -1.23 0.03	34.95 -1.31 0.03	37.09 -1.15 0.00	45.26 -1.36 0.16	49.83 -1.38 -0.19	43.20 -1.47 0.00	34.21 -1.28 0.00	34.34 -1.39 0.03	31.49 -1.28 0.00	29.69 -1.27 0.01	28.36 -1.24 0.64	28.02 -1.28 2.67	28.92 -1.35 4.27	35.21 -1.41 2.65	41.68 -1.53 1.65	47.16 -1.61 0.00	41.62 -1.45 0.94	37.43 -1.35 0.86	33.44 -1.36 1.86	33.38 -1.47 1.94	32.74 -1.33 0.00
HELLGATE_13_KV_LD 55870	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	46.28 2.53 -7.10	39.25 2.65 0.20	36.28 2.21 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.43 2.14 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	46.28 2.53 -7.10	39.25 2.65 0.20	36.28 2.21 0.00
HEMPSTEAD____ 23647	43.10 2.69 -2.50	39.95 2.50 -0.76	38.08 2.36 -0.57	37.78 2.36 -0.23	39.41 2.43 -0.69	45.13 2.87 -4.02	57.09 3.93 -6.38	64.08 4.64 -8.41	57.03 4.16 -8.20	44.73 3.05 -6.19	44.03 2.93 -5.33	40.18 2.75 -4.65	35.26 2.57 -1.72	35.11 2.51 -2.36	36.95 2.65 -2.32	43.45 2.87 -6.04	49.06 3.46 -6.33	67.16 4.35 -17.96	67.29 4.68 -13.83	57.78 4.27 -9.51	51.23 3.77 -7.82	47.72 3.01 -8.06	43.41 2.94 -3.67	40.21 2.45 -3.68
HEWLETT__69_KV_BK3 55828	43.33 2.92 -2.50	40.20 2.75 -0.76	38.29 2.57 -0.57	37.99 2.57 -0.23	39.62 2.65 -0.69	45.36 3.10 -4.02	57.42 4.26 -6.38	64.49 5.05 -8.41	57.34 4.47 -8.20	44.95 3.26 -6.19	44.20 3.11 -5.33	40.34 2.92 -4.65	35.45 2.76 -1.72	35.32 2.72 -2.36	37.11 2.81 -2.32	43.59 3.00 -6.04	49.30 3.69 -6.33	67.25 4.44 -17.96	67.39 4.78 -13.83	57.83 4.31 -9.51	51.54 4.08 -7.82	47.95 3.19 -8.10	43.60 3.13 -3.68	40.41 2.66 -3.68
HICKLING___1 23621	36.92 -0.95 0.05	35.93 -0.73 0.03	34.36 -0.77 0.03	34.42 -0.74 0.03	35.78 -0.47 0.03	38.01 -0.23 0.00	45.84 -0.80 0.15	52.53 -0.51 -2.01	44.10 -0.58 0.00	34.95 -0.53 0.00	35.02 -0.72 0.03	32.21 -0.56 0.00	30.43 -0.53 0.01	29.11 -0.64 0.50	29.11 -0.77 2.10	30.36 -0.83 3.35	36.37 -0.82 2.08	42.96 -0.58 1.31	52.23 -0.73 -4.19	44.34 -0.70 -1.03	38.37 -0.59 0.67	34.43 -0.77 1.46	34.21 -1.07 1.52	33.39 -0.68 0.00
HICKLING___2 23622	36.92 -0.95 0.05	35.93 -0.73 0.03	34.36 -0.77 0.03	34.42 -0.74 0.03	35.78 -0.47 0.03	38.01 -0.23 0.00	45.84 -0.80 0.15	52.53 -0.51 -2.01	44.10 -0.58 0.00	34.95 -0.53 0.00	35.02 -0.72 0.03	32.21 -0.56 0.00	30.43 -0.53 0.01	29.11 -0.64 0.50	29.11 -0.77 2.10	30.36 -0.83 3.35	36.37 -0.82 2.08	42.96 -0.58 1.31	52.23 -0.73 -4.19	44.34 -0.70 -1.03	38.37 -0.59 0.67	34.43 -0.77 1.46	34.21 -1.07 1.52	33.39 -0.68 0.00
HIGH FALLS___HY 23754	39.96 2.05 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.91 1.72 0.00	38.10 1.81 0.00	40.42 2.18 0.00	49.96 3.18 0.00	56.32 3.62 -1.67	47.76 3.08 0.00	37.55 2.06 0.00	37.59 1.82 0.00	34.44 1.67 0.00	32.27 1.30 0.00	31.41 1.24 0.07	33.05 1.37 0.29	35.62 1.55 0.47	41.10 2.12 0.29	47.63 2.96 0.18	51.99 3.22 0.00	46.81 2.90 0.10	42.44 2.89 0.09	38.69 2.24 0.20	38.68 2.10 0.21	35.70 1.64 0.00
HILLBURN___GT 23639	39.77 1.86 0.00	38.38 1.69 0.00	36.74 1.58 0.00	36.78 1.59 0.00	37.92 1.63 0.00	40.23 1.99 0.00	49.73 2.95 0.00	56.14 3.52 -1.59	47.76 3.08 0.00	37.65 2.16 0.00	37.80 2.04 0.00	34.67 1.90 0.00	32.76 1.80 0.00	31.95 1.78 0.07	33.52 1.85 0.31	36.01 1.97 0.49	41.48 2.52 0.31	47.94 3.27 0.19	52.24 3.46 0.00	47.11 3.21 0.11	42.39 2.86 0.10	38.93 2.16 -0.11	38.63 2.06 0.22	35.70 1.64 0.00
HILLSIDE_115KV_TB1 80332	36.24 -1.63 0.04	35.31 -1.36 0.03	33.76 -1.37 0.03	33.83 -1.34 0.03	35.17 -1.09 0.03	37.32 -0.92 0.00	44.95 -1.68 0.14	51.50 -1.43 -1.90	43.34 -1.34 0.00	34.35 -1.14 0.00	34.45 -1.29 0.03	31.72 -1.05 0.00	29.97 -0.99 0.01	28.66 -1.09 0.49	28.69 -1.21 2.07	29.86 -1.38 3.30	35.73 -1.49 2.05	42.13 -1.44 1.29	50.96 -1.66 -3.85	43.37 -1.54 -0.90	37.62 -1.35 0.66	33.79 -1.43 1.44	33.64 -1.66 1.50	32.81 -1.26 0.00

HISHELDN_WT_PWR 323625	33.66 -4.17 0.09	32.82 -3.82 0.05	31.41 -3.69 0.05	31.62 -3.52 0.05	32.53 -3.70 0.05	34.72 -3.52 0.00	40.83 -5.66 0.29	44.15 -6.02 0.86	39.54 -5.14 0.00	31.33 -4.15 0.00	31.49 -4.22 0.05	29.20 -3.57 0.00	27.80 -3.16 0.01	26.59 -3.02 0.63	26.04 -3.29 2.64	26.70 -3.63 4.22	32.14 -4.51 2.62	37.81 -5.34 1.71	39.89 -6.00 2.89	36.44 -5.37 2.20	34.19 -4.60 0.85	30.35 -4.47 1.83	30.28 -4.60 1.91	30.49 -3.58 0.00
HOLTSVILLE_IC_1 23690	43.75 3.34 -2.50	40.57 3.12 -0.76	38.68 2.95 -0.57	38.38 2.96 -0.23	40.02 3.05 -0.69	45.78 3.52 -4.02	58.17 5.01 -6.38	65.30 5.87 -8.41	57.97 5.09 -8.20	45.23 3.55 -6.19	44.60 3.51 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.43 3.14 -2.32	44.00 3.42 -6.04	49.88 4.28 -6.33	68.19 5.38 -17.96	68.36 5.75 -13.83	58.84 5.32 -9.51	52.14 4.67 -7.82	48.25 3.74 -7.85	44.04 3.57 -3.67	40.75 3.00 -3.68
HOLTSVILLE_IC_10 23699	43.97 3.56 -2.50	40.75 3.30 -0.76	38.85 3.13 -0.57	38.55 3.13 -0.23	40.20 3.23 -0.69	46.05 3.79 -4.02	58.49 5.33 -6.38	65.71 6.27 -8.41	58.32 5.45 -8.20	45.48 3.80 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.16 4.55 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.19 5.68 -9.51	52.46 4.99 -7.82	48.55 4.03 -7.86	44.29 3.83 -3.67	40.95 3.20 -3.68
HOLTSVILLE_IC_2 23691	43.75 3.34 -2.50	40.57 3.12 -0.76	38.68 2.95 -0.57	38.38 2.96 -0.23	40.02 3.05 -0.69	45.78 3.52 -4.02	58.17 5.01 -6.38	65.30 5.87 -8.41	57.97 5.09 -8.20	45.23 3.55 -6.19	44.60 3.51 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.43 3.14 -2.32	44.00 3.42 -6.04	49.88 4.28 -6.33	68.19 5.38 -17.96	68.36 5.75 -13.83	58.84 5.32 -9.51	52.14 4.67 -7.82	48.25 3.74 -7.85	44.04 3.57 -3.67	40.75 3.00 -3.68
HOLTSVILLE_IC_3 23692	43.75 3.34 -2.50	40.57 3.12 -0.76	38.68 2.95 -0.57	38.38 2.96 -0.23	40.02 3.05 -0.69	45.78 3.52 -4.02	58.17 5.01 -6.38	65.30 5.87 -8.41	57.97 5.09 -8.20	45.23 3.55 -6.19	44.60 3.51 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.43 3.14 -2.32	44.00 3.42 -6.04	49.88 4.28 -6.33	68.19 5.38 -17.96	68.36 5.75 -13.83	58.84 5.32 -9.51	52.14 4.67 -7.82	48.25 3.74 -7.85	44.04 3.57 -3.67	40.75 3.00 -3.68
HOLTSVILLE_IC_4 23693	43.75 3.34 -2.50	40.57 3.12 -0.76	38.68 2.95 -0.57	38.38 2.96 -0.23	40.02 3.05 -0.69	45.78 3.52 -4.02	58.17 5.01 -6.38	65.30 5.87 -8.41	57.97 5.09 -8.20	45.23 3.55 -6.19	44.60 3.51 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.43 3.14 -2.32	44.00 3.42 -6.04	49.88 4.28 -6.33	68.19 5.38 -17.96	68.36 5.75 -13.83	58.84 5.32 -9.51	52.14 4.67 -7.82	48.25 3.74 -7.85	44.04 3.57 -3.67	40.75 3.00 -3.68
HOLTSVILLE_IC_5 23694	43.75 3.34 -2.50	40.57 3.12 -0.76	38.68 2.95 -0.57	38.38 2.96 -0.23	40.02 3.05 -0.69	45.78 3.52 -4.02	58.17 5.01 -6.38	65.30 5.87 -8.41	57.97 5.09 -8.20	45.23 3.55 -6.19	44.60 3.51 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.43 3.14 -2.32	44.00 3.42 -6.04	49.88 4.28 -6.33	68.19 5.38 -17.96	68.36 5.75 -13.83	58.84 5.32 -9.51	52.14 4.67 -7.82	48.25 3.74 -7.85	44.04 3.57 -3.67	40.75 3.00 -3.68
HOLTSVILLE_IC_6 23695	43.97 3.56 -2.50	40.75 3.30 -0.76	38.85 3.13 -0.57	38.55 3.13 -0.23	40.20 3.23 -0.69	46.05 3.79 -4.02	58.49 5.33 -6.38	65.71 6.27 -8.41	58.32 5.45 -8.20	45.48 3.80 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.16 4.55 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.19 5.68 -9.51	52.46 4.99 -7.82	48.55 4.03 -7.86	44.29 3.83 -3.67	40.95 3.20 -3.68
HOLTSVILLE_IC_7 23696	43.97 3.56 -2.50	40.75 3.30 -0.76	38.85 3.13 -0.57	38.55 3.13 -0.23	40.20 3.23 -0.69	46.05 3.79 -4.02	58.49 5.33 -6.38	65.71 6.27 -8.41	58.32 5.45 -8.20	45.48 3.80 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.16 4.55 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.19 5.68 -9.51	52.46 4.99 -7.82	48.55 4.03 -7.86	44.29 3.83 -3.67	40.95 3.20 -3.68
HOLTSVILLE_IC_8 23697	43.97 3.56 -2.50	40.75 3.30 -0.76	38.85 3.13 -0.57	38.55 3.13 -0.23	40.20 3.23 -0.69	46.05 3.79 -4.02	58.49 5.33 -6.38	65.71 6.27 -8.41	58.32 5.45 -8.20	45.48 3.80 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.16 4.55 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.19 5.68 -9.51	52.46 4.99 -7.82	48.55 4.03 -7.86	44.29 3.83 -3.67	40.95 3.20 -3.68
HOLTSVILLE_IC_9 23698	43.97 3.56 -2.50	40.75 3.30 -0.76	38.85 3.13 -0.57	38.55 3.13 -0.23	40.20 3.23 -0.69	46.05 3.79 -4.02	58.49 5.33 -6.38	65.71 6.27 -8.41	58.32 5.45 -8.20	45.48 3.80 -6.19	44.81 3.72 -5.33	40.83 3.41 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.16 4.55 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.19 5.68 -9.51	52.46 4.99 -7.82	48.55 4.03 -7.86	44.29 3.83 -3.67	40.95 3.20 -3.68
HOMER_HL_115KV_TB2 355744	33.10 -4.74 0.08	32.75 -3.89 0.05	31.07 -4.04 0.05	31.20 -3.94 0.05	33.08 -3.16 0.05	35.26 -2.98 0.00	40.68 -5.85 0.26	45.20 -5.77 0.05	40.52 -4.15 0.00	32.15 -3.34 0.00	32.18 -3.54 0.05	29.92 -2.85 0.00	28.36 -2.60 0.01	26.44 -3.21 0.60	25.91 -3.55 2.51	26.52 -4.01 4.01	32.03 -4.75 2.49	38.04 -5.20 1.61	42.03 -5.85 0.89	37.21 -5.50 1.30	34.15 -4.68 0.81	30.37 -4.55 1.74	30.19 -4.78 1.82	30.80 -3.27 0.00
HOWARD_WT_PWR 323690	37.63 -0.23 0.06	36.58 -0.07 0.04	35.05 -0.07 0.04	35.30 0.14 0.04	36.51 0.26 0.04	38.85 0.61 0.00	46.93 0.33 0.18	53.76 0.77 -1.97	45.08 0.40 0.00	35.56 0.07 0.00	35.55 -0.18 0.04	32.67 -0.10 0.00	30.87 -0.09 0.01	29.45 -0.24 0.55	29.37 -0.32 2.28	30.62 -0.28 3.64	36.93 -0.08 2.26	43.74 0.32 1.43	53.38 0.34 -4.26	45.31 0.31 -1.00	39.10 0.20 0.73	35.15 0.07 1.59	34.84 -0.30 1.65	34.10 0.03 0.00
HQ_GEN_CEDARS 23644	38.18 0.27 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.72 0.44 0.00	38.28 0.04 0.00	46.45 -0.33 0.00	50.41 -0.61 0.00	44.45 -0.22 0.00	35.52 0.04 0.00	35.94 0.18 0.00	32.84 0.07 0.00	31.34 0.37 0.00	30.52 0.33 0.06	32.09 0.35 0.24	34.26 0.10 0.38	38.88 -0.16 0.23	44.40 -0.31 0.15	48.43 -0.34 0.00	43.53 -0.40 0.08	39.20 -0.36 0.08	36.53 0.04 0.16	36.73 0.11 0.17	34.34 0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	38.18 0.27 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.90 0.44 -0.17	38.10 0.04 0.17	46.46 -0.33 0.00	50.41 -0.61 0.00	41.92 -0.22 2.53	38.06 0.04 -2.53	35.94 0.18 0.00	32.87 0.10 0.00	31.34 0.37 0.00	30.52 0.33 0.06	32.06 0.32 0.24	35.43 0.10 -0.79	37.72 -0.16 1.40	44.40 -0.31 0.15	48.43 -0.34 0.00	43.53 -0.40 0.08	38.35 -0.36 0.93	37.35 0.00 -0.69	36.73 0.11 0.17	34.34 0.27 0.00

HQ_GEN_IMPORT 323601	37.95 0.04 0.00	36.84 0.15 0.00	35.30 0.14 0.00	35.30 0.11 0.00	36.60 0.15 -0.17	37.95 -0.11 0.17	46.36 -0.42 0.00	50.36 -0.66 0.00	41.78 -0.36 2.53	37.95 -0.07 -2.53	35.84 0.07 0.00	32.84 0.07 0.00	31.06 0.09 0.00	30.33 0.09 0.00	32.07 0.10 0.00	35.77 0.07 -1.16	37.95 -0.16 1.16	44.45 -0.40 0.00	48.33 -0.44 0.00	43.57 -0.44 0.00	37.95 -0.36 1.33	37.95 -0.04 -1.33	36.87 0.07 0.00	34.21 0.14 0.00
HQ_GEN_WHEEL 23651	37.95 0.04 0.00	36.84 0.15 0.00	35.30 0.14 0.00	35.30 0.11 0.00	36.60 0.15 -0.17	37.95 -0.11 0.17	46.36 -0.42 0.00	50.36 -0.66 0.00	41.78 -0.36 2.53	37.95 -0.07 -2.53	35.84 0.07 0.00	32.84 0.07 0.00	31.06 0.09 0.00	30.33 0.09 0.00	32.07 0.10 0.00	35.77 0.07 -1.16	37.95 -0.16 1.16	44.45 -0.40 0.00	48.33 -0.44 0.00	43.57 -0.44 0.00	37.95 -0.36 1.33	37.95 -0.04 -1.33	36.87 0.07 0.00	34.21 0.14 0.00
HUDSON AVE_GT_3 23810	40.22 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.65 2.41 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.87 3.80 -2.40	46.33 2.77 -8.07	45.86 2.61 -7.49	43.91 2.43 -8.71	43.14 2.29 -9.89	41.69 2.27 -9.18	43.31 2.37 -8.97	41.73 2.56 -4.63	45.96 3.14 -3.55	51.19 3.95 -2.38	52.98 4.19 -0.02	47.70 3.78 0.09	44.24 3.49 -1.11	45.35 2.57 -6.13	39.21 2.61 0.20	36.18 2.11 0.00
HUDSON AVE_GT_4 23540	40.22 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.65 2.41 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.87 3.80 -2.40	46.33 2.77 -8.07	45.86 2.61 -7.49	43.91 2.43 -8.71	43.14 2.29 -9.89	41.69 2.27 -9.18	43.31 2.37 -8.97	41.73 2.56 -4.63	45.96 3.14 -3.55	51.19 3.95 -2.38	52.98 4.19 -0.02	47.70 3.78 0.09	44.24 3.49 -1.11	45.35 2.57 -6.13	39.21 2.61 0.20	36.18 2.11 0.00
HUDSON AVE_GT_5 23657	40.22 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.65 2.41 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.87 3.80 -2.40	46.33 2.77 -8.07	45.86 2.61 -7.49	43.91 2.43 -8.71	43.14 2.29 -9.89	41.69 2.27 -9.18	43.31 2.37 -8.97	41.73 2.56 -4.63	45.96 3.14 -3.55	51.19 3.95 -2.38	52.98 4.19 -0.02	47.70 3.78 0.09	44.24 3.49 -1.11	45.35 2.57 -6.13	39.21 2.61 0.20	36.18 2.11 0.00
HUDSON_AVE_10 24168	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.02 1.83 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.20 3.41 0.00	56.83 4.13 -1.67	50.83 3.75 -2.40	46.29 2.73 -8.07	45.86 2.61 -7.49	43.91 2.43 -8.71	43.11 2.26 -9.89	41.66 2.24 -9.18	43.31 2.37 -8.97	41.69 2.52 -4.63	45.96 3.14 -3.55	51.14 3.90 -2.38	52.93 4.15 -0.02	47.70 3.78 0.09	44.20 3.45 -1.11	45.70 2.57 -6.48	39.17 2.58 0.20	36.11 2.04 0.00
HUDSON___115KV_TB 4 355613	39.66 1.74 0.00	38.27 1.58 0.00	36.71 1.55 0.00	36.77 1.58 0.00	37.88 1.60 0.00	40.23 1.99 0.00	49.54 2.76 0.00	55.73 2.70 -2.00	46.96 2.28 0.00	36.98 1.49 0.00	36.95 1.18 0.00	33.82 1.05 0.00	31.93 0.96 0.00	31.13 0.94 0.05	32.80 1.06 0.23	35.49 1.31 0.36	40.85 1.81 0.22	47.00 2.29 0.14	51.41 2.63 0.00	46.35 2.42 0.08	41.66 2.10 0.07	38.19 1.69 0.16	38.18 1.55 0.16	35.70 1.64 0.00
HUNTER MOUNT___DRP 323613	40.00 2.09 0.00	38.56 1.87 0.00	37.02 1.86 0.00	37.06 1.87 0.00	38.17 1.89 0.00	40.61 2.37 0.00	50.01 3.23 0.00	55.88 2.91 -1.95	47.13 2.46 0.00	37.01 1.53 0.00	36.95 1.18 0.00	33.75 0.98 0.00	31.86 0.90 0.00	31.06 0.88 0.06	32.73 0.99 0.24	35.50 1.35 0.38	40.92 1.88 0.24	47.13 2.42 0.15	51.60 2.83 0.00	46.56 2.64 0.08	41.78 2.22 0.08	38.36 1.87 0.17	38.28 1.66 0.17	35.87 1.81 0.00
HUNTINGTON_RES_REC 323705	43.44 3.03 -2.50	40.24 2.79 -0.76	38.36 2.64 -0.57	38.06 2.64 -0.23	39.70 2.72 -0.69	45.47 3.21 -4.02	57.61 4.45 -6.38	64.49 5.05 -8.41	57.52 4.65 -8.20	45.02 3.33 -6.19	44.35 3.25 -5.33	40.41 2.98 -4.65	35.44 2.76 -1.72	35.32 2.72 -2.36	37.17 2.88 -2.32	43.76 3.18 -6.04	49.49 3.89 -6.33	67.48 4.66 -17.96	67.58 4.98 -13.83	58.18 4.66 -9.51	51.58 4.12 -7.82	47.98 3.44 -7.88	43.78 3.31 -3.67	40.48 2.73 -3.68
HUNTLEY___63 23557	33.65 -4.17 0.09	32.78 -3.85 0.05	31.34 -3.76 0.05	31.41 -3.73 0.05	32.42 -3.81 0.05	34.61 -3.63 0.00	40.78 -5.71 0.29	43.91 -6.23 0.89	39.32 -5.36 0.00	31.30 -4.19 0.00	31.35 -4.36 0.05	29.10 -3.67 0.00	27.58 -3.38 0.01	26.46 -3.15 0.63	25.95 -3.36 2.67	26.60 -3.70 4.24	32.04 -4.59 2.63	37.67 -5.47 1.71	39.75 -6.05 2.98	36.27 -5.50 2.24	34.11 -4.68 0.85	30.27 -4.55 1.84	30.23 -4.64 1.92	30.08 -3.99 0.00
HUNTLEY___64 23558	33.65 -4.17 0.09	32.78 -3.85 0.05	31.34 -3.76 0.05	31.41 -3.73 0.05	32.42 -3.81 0.05	34.61 -3.63 0.00	40.78 -5.71 0.29	43.91 -6.23 0.89	39.32 -5.36 0.00	31.30 -4.19 0.00	31.35 -4.36 0.05	29.10 -3.67 0.00	27.58 -3.38 0.01	26.46 -3.15 0.63	25.95 -3.36 2.67	26.60 -3.70 4.24	32.04 -4.59 2.63	37.67 -5.47 1.71	39.75 -6.05 2.98	36.27 -5.50 2.24	34.11 -4.68 0.85	30.27 -4.55 1.84	30.23 -4.64 1.92	30.08 -3.99 0.00
HUNTLEY___65 23559	33.65 -4.17 0.09	32.78 -3.85 0.05	31.34 -3.76 0.05	31.41 -3.73 0.05	32.42 -3.81 0.05	34.61 -3.63 0.00	40.78 -5.71 0.29	43.91 -6.23 0.89	39.32 -5.36 0.00	31.30 -4.19 0.00	31.35 -4.36 0.05	29.10 -3.67 0.00	27.58 -3.38 0.01	26.46 -3.15 0.63	25.95 -3.36 2.67	26.60 -3.70 4.24	32.04 -4.59 2.63	37.67 -5.47 1.71	39.75 -6.05 2.98	36.27 -5.50 2.24	34.11 -4.68 0.85	30.27 -4.55 1.84	30.23 -4.64 1.92	30.08 -3.99 0.00
HUNTLEY___66 23560	33.65 -4.17 0.09	32.78 -3.85 0.05	31.34 -3.76 0.05	31.41 -3.73 0.05	32.42 -3.81 0.05	34.61 -3.63 0.00	40.78 -5.71 0.29	43.91 -6.23 0.89	39.32 -5.36 0.00	31.30 -4.19 0.00	31.35 -4.36 0.05	29.10 -3.67 0.00	27.58 -3.38 0.01	26.46 -3.15 0.63	25.95 -3.36 2.67	26.60 -3.70 4.24	32.04 -4.59 2.63	37.67 -5.47 1.71	39.75 -6.05 2.98	36.27 -5.50 2.24	34.11 -4.68 0.85	30.27 -4.55 1.84	30.23 -4.64 1.92	30.08 -3.99 0.00
HUNTLEY___67 23561	33.58 -4.25 0.09	32.75 -3.89 0.05	31.31 -3.80 0.05	31.37 -3.77 0.05	32.38 -3.85 0.05	34.57 -3.67 0.00	40.68 -5.80 0.30	43.90 -6.23 0.90	39.27 -5.41 0.00	31.30 -4.19 0.00	31.38 -4.33 0.05	29.13 -3.64 0.00	27.64 -3.31 0.01	26.52 -3.08 0.63	26.00 -3.33 2.65	26.61 -3.70 4.23	32.01 -4.63 2.62	37.58 -5.56 1.72	39.68 -6.10 2.99	36.26 -5.50 2.25	34.03 -4.76 0.85	30.24 -4.58 1.84	30.24 -4.64 1.92	30.12 -3.95 0.00
HUNTLEY___68 23562	33.58 -4.25 0.09	32.75 -3.89 0.05	31.31 -3.80 0.05	31.37 -3.77 0.05	32.38 -3.85 0.05	34.57 -3.67 0.00	40.68 -5.80 0.30	43.90 -6.23 0.90	39.27 -5.41 0.00	31.30 -4.19 0.00	31.38 -4.33 0.05	29.13 -3.64 0.00	27.64 -3.31 0.01	26.52 -3.08 0.63	26.00 -3.33 2.65	26.61 -3.70 4.23	32.01 -4.63 2.62	37.58 -5.56 1.72	39.68 -6.10 2.99	36.26 -5.50 2.25	34.03 -4.76 0.85	30.24 -4.58 1.84	30.24 -4.64 1.92	30.12 -3.95 0.00

HYLAND___LFGE 323620	36.59 -1.25 0.07	35.40 -1.25 0.04	33.88 -1.23 0.04	34.02 -1.13 0.04	35.19 -1.05 0.04	37.55 -0.69 0.00	45.58 -0.98 0.22	51.23 -0.76 -0.97	43.56 -1.12 0.00	34.07 -1.42 0.00	34.01 -1.72 0.04	31.23 -1.54 0.00	29.50 -1.45 0.01	28.30 -1.36 0.59	28.12 -1.41 2.45	29.35 -1.28 3.91	35.86 -0.98 2.43	42.66 -0.67 1.52	49.85 -0.64 -1.72	43.25 -0.62 0.14	38.26 -0.59 0.79	35.32 0.37 1.70	34.95 -0.07 1.77	34.10 0.03 0.00
INDECK___CORINTH 23802	38.60 0.68 0.00	37.24 0.55 0.00	35.69 0.53 0.00	35.75 0.56 0.00	36.90 0.62 0.00	39.23 0.99 0.00	48.46 1.68 0.00	55.08 1.94 -2.12	46.11 1.43 0.00	36.16 0.67 0.00	36.20 0.43 0.00	33.06 0.29 0.00	31.15 0.19 0.00	30.40 0.21 0.05	31.99 0.23 0.21	34.65 0.45 0.34	40.16 1.10 0.21	46.30 1.57 0.13	50.48 1.71 0.00	45.43 1.50 0.07	40.88 1.31 0.07	37.24 0.73 0.15	37.20 0.55 0.15	34.51 0.44 0.00
INDECK___ILION 23567	38.33 0.42 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.65 0.36 0.00	38.74 0.50 0.00	47.53 0.75 0.00	51.94 0.92 0.00	45.44 0.76 0.00	35.98 0.50 0.00	36.16 0.39 0.00	33.13 0.36 0.00	31.31 0.34 0.00	30.48 0.30 0.06	32.07 0.35 0.26	34.47 0.35 0.41	39.57 0.55 0.25	45.41 0.72 0.16	49.55 0.78 0.00	44.66 0.75 0.09	40.19 0.63 0.08	36.99 0.51 0.18	37.09 0.48 0.19	34.44 0.37 0.00
INDECK___OLEAN 23982	33.25 -4.59 0.08	32.75 -3.89 0.05	31.28 -3.83 0.05	31.87 -3.27 0.05	33.08 -3.16 0.05	35.26 -2.98 0.00	40.67 -5.85 0.26	45.20 -5.77 0.05	40.52 -4.15 0.00	32.05 -3.44 0.00	31.92 -3.79 0.05	29.85 -2.92 0.00	28.39 -2.57 0.01	26.44 -3.21 0.60	25.91 -3.55 2.51	26.52 -4.01 4.01	32.03 -4.75 2.49	38.00 -5.25 1.61	42.03 -5.85 0.89	37.30 -5.41 1.30	34.15 -4.68 0.81	30.37 -4.55 1.74	30.19 -4.78 1.82	30.97 -3.10 0.00
INDECK___OSWEGO 23783	36.40 -1.56 -0.04	35.18 -1.54 -0.03	33.71 -1.48 -0.03	33.74 -1.48 -0.03	34.46 -1.85 -0.03	36.44 -1.80 0.00	44.77 -2.15 -0.14	49.30 -2.24 -0.52	42.40 -2.28 0.00	33.60 -1.88 0.00	34.11 -1.68 -0.03	31.17 -1.61 0.00	29.38 -1.58 0.01	27.96 -1.57 0.71	27.36 -1.63 2.98	28.05 -1.73 4.76	34.47 -1.85 2.95	41.00 -2.02 1.84	47.60 -2.14 -0.97	41.44 -1.94 0.64	36.93 -1.74 0.96	32.90 -1.69 2.07	32.91 -1.73 2.16	32.50 -1.57 0.00
INDECK___YERKES 23781	33.69 -4.13 0.09	32.82 -3.82 0.05	31.41 -3.69 0.05	31.55 -3.59 0.05	32.46 -3.77 0.05	34.64 -3.60 0.00	40.82 -5.66 0.29	43.96 -6.18 0.89	39.36 -5.32 0.00	31.16 -4.33 0.00	31.35 -4.36 0.05	29.03 -3.74 0.00	27.65 -3.31 0.01	26.52 -3.09 0.63	25.98 -3.33 2.67	26.64 -3.66 4.24	32.08 -4.55 2.63	37.71 -5.43 1.71	39.70 -6.10 2.98	36.35 -5.41 2.24	34.15 -4.64 0.85	30.34 -4.47 1.84	30.27 -4.60 1.92	30.39 -3.68 0.00
INDIAN POINT_GT_1 24139	39.92 2.01 0.00	38.53 1.83 0.00	36.78 1.62 0.00	36.81 1.62 0.00	37.95 1.67 0.00	40.27 2.03 0.00	49.77 2.99 0.00	56.30 3.62 -1.65	47.89 3.22 0.00	37.76 2.27 0.00	37.88 2.11 0.00	34.74 1.97 0.00	32.82 1.86 0.00	32.02 1.84 0.07	33.60 1.92 0.30	36.10 2.04 0.47	41.57 2.59 0.29	48.04 3.36 0.18	52.33 3.56 0.00	47.12 3.21 0.10	42.47 2.93 0.10	39.27 2.20 -0.41	38.71 2.13 0.21	35.81 1.74 0.00
INDIAN POINT_GT_2 23659	39.92 2.01 0.00	38.53 1.83 0.00	36.78 1.62 0.00	36.81 1.62 0.00	37.95 1.67 0.00	40.27 2.03 0.00	49.77 2.99 0.00	56.30 3.62 -1.65	47.89 3.22 0.00	37.76 2.27 0.00	37.88 2.11 0.00	34.74 1.97 0.00	32.82 1.86 0.00	32.02 1.84 0.07	33.60 1.92 0.30	36.10 2.04 0.47	41.57 2.59 0.29	48.04 3.36 0.18	52.33 3.56 0.00	47.12 3.21 0.10	42.47 2.93 0.10	39.27 2.20 -0.41	38.71 2.13 0.21	35.81 1.74 0.00
INDIAN POINT_GT_3 24019	39.92 2.01 0.00	38.53 1.83 0.00	36.78 1.62 0.00	36.81 1.62 0.00	37.95 1.67 0.00	40.27 2.03 0.00	49.77 2.99 0.00	56.30 3.62 -1.65	47.89 3.22 0.00	37.76 2.27 0.00	37.88 2.11 0.00	34.74 1.97 0.00	32.82 1.86 0.00	32.02 1.84 0.07	33.60 1.92 0.30	36.10 2.04 0.47	41.57 2.59 0.29	48.04 3.36 0.18	52.33 3.56 0.00	47.12 3.21 0.10	42.47 2.93 0.10	39.27 2.20 -0.41	38.71 2.13 0.21	35.81 1.74 0.00
INDIAN POINT___2 23530	39.77 1.86 0.00	38.38 1.69 0.00	36.74 1.58 0.00	36.78 1.59 0.00	37.92 1.63 0.00	40.23 1.99 0.00	49.68 2.90 0.00	56.17 3.52 -1.63	47.80 3.13 0.00	37.69 2.20 0.00	37.84 2.07 0.00	34.70 1.93 0.00	32.79 1.83 0.00	31.98 1.81 0.07	33.56 1.89 0.30	36.06 2.00 0.48	41.52 2.55 0.30	47.94 3.27 0.19	52.29 3.51 0.00	47.11 3.21 0.11	42.39 2.86 0.10	39.10 2.16 -0.28	38.67 2.10 0.22	35.70 1.64 0.00
INDIAN POINT___3 23531	39.81 1.90 0.00	38.42 1.72 0.00	36.78 1.62 0.00	36.77 1.58 0.00	37.95 1.67 0.00	40.27 2.03 0.00	49.73 2.95 0.00	56.25 3.57 -1.65	47.85 3.17 0.00	37.72 2.24 0.00	37.84 2.07 0.00	34.74 1.97 0.00	32.79 1.83 0.00	31.98 1.81 0.07	33.56 1.89 0.30	36.10 2.04 0.48	41.53 2.55 0.30	47.99 3.32 0.18	52.28 3.51 0.00	47.07 3.17 0.11	42.43 2.89 0.10	39.27 2.16 -0.45	38.71 2.13 0.22	35.77 1.70 0.00
INGHAM_C_115KV_TB7 356103	38.33 0.42 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.65 0.36 0.00	38.74 0.50 0.00	47.58 0.80 0.00	51.99 0.97 0.00	45.48 0.80 0.00	35.98 0.50 0.00	36.19 0.43 0.00	33.13 0.36 0.00	31.31 0.34 0.00	30.48 0.30 0.06	32.07 0.35 0.26	34.44 0.31 0.41	39.49 0.47 0.25	45.37 0.67 0.16	49.55 0.78 0.00	44.62 0.70 0.09	40.15 0.59 0.08	37.03 0.55 0.18	37.09 0.48 0.19	34.48 0.41 0.00
IP CORINTH___1 23988	38.78 0.87 0.00	37.43 0.73 0.00	35.90 0.74 0.00	35.93 0.74 0.00	37.08 0.80 0.00	39.46 1.22 0.00	48.70 1.92 0.00	55.34 2.19 -2.12	46.33 1.65 0.00	36.37 0.89 0.00	36.41 0.64 0.00	33.23 0.46 0.00	31.31 0.34 0.00	30.55 0.36 0.05	32.18 0.42 0.21	34.86 0.66 0.34	40.36 1.30 0.21	46.48 1.75 0.13	50.72 1.95 0.00	45.69 1.76 0.07	41.08 1.51 0.07	37.43 0.92 0.15	37.38 0.74 0.15	34.72 0.65 0.00
IP___TICONDEROGA 23804	40.30 2.39 0.00	38.89 2.20 0.00	37.27 2.11 0.00	37.34 2.15 0.00	38.57 2.29 0.00	41.18 2.94 0.00	50.90 4.12 0.00	57.79 4.64 -2.12	48.30 3.62 0.00	37.65 2.16 0.00	37.62 1.86 0.00	34.21 1.44 0.00	32.11 1.15 0.00	31.37 1.18 0.05	33.11 1.34 0.21	36.00 1.80 0.34	41.97 2.91 0.21	48.40 3.68 0.13	52.82 4.05 0.00	47.50 3.56 0.07	42.70 3.13 0.07	38.78 2.27 0.15	38.67 2.02 0.15	35.94 1.87 0.00
ISLIP_RES_REC 323679	44.13 3.72 -2.50	40.90 3.45 -0.76	39.00 3.27 -0.57	38.70 3.27 -0.23	40.35 3.38 -0.69	46.20 3.94 -4.02	58.73 5.56 -6.38	66.02 6.58 -8.41	58.59 5.72 -8.20	45.65 3.97 -6.19	44.99 3.90 -5.33	41.00 3.57 -4.65	35.97 3.28 -1.72	35.84 3.24 -2.36	37.75 3.45 -2.32	44.38 3.80 -6.04	50.39 4.79 -6.33	68.78 5.97 -17.96	68.99 6.39 -13.83	59.45 5.94 -9.51	52.65 5.19 -7.82	48.73 4.21 -7.86	44.44 3.98 -3.67	41.09 3.34 -3.68

JAMAICA__27_KV_LOAD 355505	40.34 2.43 0.00	38.89 2.20 0.00	37.16 2.00 0.00	37.16 1.97 0.00	38.35 2.07 0.00	40.80 2.56 0.00	50.57 3.79 0.00	57.28 4.59 -1.67	51.27 4.20 -2.40	46.65 3.09 -8.07	46.25 3.00 -7.49	44.23 2.75 -8.71	43.42 2.57 -9.89	41.93 2.51 -9.18	43.60 2.65 -8.97	42.00 2.83 -4.63	46.43 3.61 -3.55	51.55 4.31 -2.38	53.47 4.68 -0.02	48.14 4.22 0.09	44.60 3.84 -1.11	46.19 2.93 -6.60	39.47 2.87 0.20	36.35 2.28 0.00
JANIS__SOLAR 323808	39.43 1.56 0.03	38.14 1.47 0.02	36.55 1.41 0.02	36.65 1.48 0.02	37.90 1.63 0.02	40.34 2.10 0.00	49.30 2.62 0.10	55.58 3.11 -1.44	46.78 2.10 0.00	36.62 1.14 0.00	36.57 0.82 0.02	33.36 0.59 0.00	31.45 0.49 0.01	30.23 0.45 0.46	30.58 0.54 1.93	32.31 0.86 3.09	38.88 1.53 1.92	45.94 2.29 1.20	54.08 2.73 -2.58	46.79 2.37 -0.41	41.04 2.02 0.62	36.97 1.65 1.34	36.72 1.32 1.40	35.33 1.26 0.00
JARVIS____ 23743	38.14 0.23 0.00	36.91 0.22 0.00	35.34 0.18 0.00	35.37 0.18 0.00	36.47 0.18 0.00	38.54 0.30 0.00	47.25 0.47 0.00	51.59 0.56 0.00	45.17 0.49 0.00	35.77 0.28 0.00	36.02 0.25 0.00	33.00 0.23 0.00	31.15 0.19 0.00	30.36 0.18 0.06	31.91 0.19 0.26	34.37 0.24 0.41	39.37 0.35 0.25	45.19 0.49 0.16	49.31 0.54 0.00	44.40 0.48 0.09	39.99 0.44 0.08	36.77 0.29 0.18	36.87 0.26 0.19	34.27 0.21 0.00
JENNISON____1 23625	39.89 2.01 0.03	38.62 1.94 0.02	36.94 1.79 0.02	37.00 1.83 0.02	38.34 2.07 0.02	40.76 2.52 0.00	49.88 3.18 0.08	56.06 3.78 -1.26	47.58 2.90 0.00	37.33 1.85 0.00	37.25 1.50 0.02	34.02 1.25 0.00	32.11 1.15 0.00	30.91 1.03 0.36	31.64 1.18 1.51	33.57 1.45 2.42	39.89 2.12 1.50	46.87 2.96 0.94	53.91 3.41 -1.72	47.20 2.99 -0.20	41.77 2.62 0.49	37.77 2.16 1.05	37.54 1.84 1.10	35.74 1.67 0.00
JENNISON____2 23626	39.89 2.01 0.03	38.62 1.94 0.02	36.94 1.79 0.02	37.00 1.83 0.02	38.34 2.07 0.02	40.76 2.52 0.00	49.88 3.18 0.08	56.06 3.78 -1.26	47.58 2.90 0.00	37.33 1.85 0.00	37.25 1.50 0.02	34.02 1.25 0.00	32.11 1.15 0.00	30.91 1.03 0.36	31.64 1.18 1.51	33.57 1.45 2.42	39.89 2.12 1.50	46.87 2.96 0.94	53.91 3.41 -1.72	47.20 2.99 -0.20	41.77 2.62 0.49	37.77 2.16 1.05	37.54 1.84 1.10	35.74 1.67 0.00
JERICOHO_RISE_WT_PWR 323719	39.09 1.18 0.00	37.98 1.28 0.00	36.42 1.26 0.00	36.46 1.26 0.00	37.70 1.41 0.00	39.43 1.19 0.00	47.44 0.65 0.00	51.08 0.05 0.00	45.48 0.81 0.00	36.34 0.85 0.00	36.76 1.00 0.00	33.56 0.79 0.00	31.89 0.93 0.00	31.04 0.85 0.05	32.64 0.86 0.20	35.12 0.90 0.31	39.82 0.74 0.19	45.54 0.81 0.12	49.65 0.88 0.00	44.55 0.62 0.07	40.09 0.51 0.06	37.33 0.81 0.14	37.53 0.88 0.14	35.29 1.22 0.00
KATONAH__115KV_46KV_TB4 355592	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.09 1.90 0.00	38.17 1.89 0.00	40.49 2.26 0.00	50.01 3.23 0.00	56.68 3.93 -1.72	48.16 3.48 0.00	37.90 2.41 0.00	38.02 2.25 0.00	34.83 2.06 0.00	32.89 1.92 0.00	32.05 1.87 0.07	33.67 1.98 0.29	36.26 2.18 0.46	41.78 2.79 0.28	48.31 3.63 0.18	52.67 3.90 0.00	47.43 3.52 0.10	42.72 3.17 0.09	38.88 2.42 0.20	38.87 2.28 0.21	35.98 1.91 0.00
KCE_NY_1 323755	39.62 1.71 0.00	38.23 1.54 0.00	36.64 1.48 0.00	36.70 1.51 0.00	37.84 1.56 0.00	40.19 1.95 0.00	49.49 2.71 0.00	56.20 3.06 -2.12	47.18 2.50 0.00	37.12 1.63 0.00	37.20 1.43 0.00	34.02 1.24 0.00	32.08 1.11 0.00	31.31 1.12 0.05	32.98 1.21 0.21	35.62 1.42 0.34	41.10 2.04 0.21	47.33 2.60 0.13	51.60 2.83 0.00	46.48 2.55 0.07	41.83 2.26 0.07	38.20 1.69 0.15	38.22 1.58 0.15	35.50 1.43 0.00
KCE_NY_6_ESR 323823	33.77 -4.06 0.09	32.97 -3.67 0.05	31.56 -3.55 0.05	31.79 -3.34 0.05	32.75 -3.48 0.05	34.99 -3.25 0.00	40.97 -5.52 0.29	44.43 -5.82 0.78	39.85 -4.83 0.00	31.55 -3.94 0.00	31.67 -4.04 0.05	29.40 -3.37 0.00	27.99 -2.97 0.01	26.68 -2.93 0.63	26.15 -3.20 2.63	26.83 -3.52 4.19	32.27 -4.40 2.60	38.01 -5.16 1.69	40.32 -5.76 2.70	36.70 -5.19 2.11	34.35 -4.44 0.84	30.51 -4.33 1.82	30.44 -4.45 1.90	30.70 -3.37 0.00
KEDC_PORT_JEFF_GT2 24210	44.13 3.72 -2.50	40.90 3.45 -0.76	39.00 3.27 -0.57	38.70 3.27 -0.23	40.35 3.38 -0.69	46.20 3.94 -4.02	58.73 5.56 -6.38	65.97 6.53 -8.41	58.59 5.72 -8.20	45.65 3.97 -6.19	44.99 3.90 -5.33	41.00 3.57 -4.65	35.97 3.28 -1.72	35.84 3.24 -2.36	37.75 3.45 -2.32	44.38 3.80 -6.04	50.39 4.79 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.45 5.94 -9.51	52.65 5.19 -7.82	48.77 4.25 -7.86	44.48 4.01 -3.67	41.12 3.37 -3.68
KEDC_PORT_JEFF_GT3 24211	44.13 3.72 -2.50	40.90 3.45 -0.76	39.00 3.27 -0.57	38.70 3.27 -0.23	40.35 3.38 -0.69	46.20 3.94 -4.02	58.73 5.56 -6.38	65.97 6.53 -8.41	58.59 5.72 -8.20	45.65 3.97 -6.19	44.99 3.90 -5.33	41.00 3.57 -4.65	35.97 3.28 -1.72	35.84 3.24 -2.36	37.75 3.45 -2.32	44.38 3.80 -6.04	50.39 4.79 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.45 5.94 -9.51	52.65 5.19 -7.82	48.77 4.25 -7.86	44.48 4.01 -3.67	41.12 3.37 -3.68
KEDC_GLWD_GT4 24219	43.21 2.81 -2.50	40.05 2.61 -0.76	38.15 2.42 -0.57	37.85 2.43 -0.23	39.48 2.50 -0.69	45.25 2.98 -4.02	56.95 3.79 -6.38	63.98 4.54 -8.41	56.94 4.07 -8.20	44.88 3.20 -6.19	44.13 3.04 -5.33	40.27 2.85 -4.65	35.35 2.66 -1.72	35.23 2.63 -2.36	37.05 2.75 -2.32	43.55 2.97 -6.04	48.94 3.34 -6.33	67.08 4.26 -17.96	67.14 4.54 -13.83	57.70 4.18 -9.51	51.15 3.69 -7.82	47.63 2.90 -8.08	43.52 3.05 -3.67	40.27 2.52 -3.68
KEDC_GLWD_GT5 24220	43.21 2.81 -2.50	40.05 2.61 -0.76	38.15 2.42 -0.57	37.85 2.43 -0.23	39.48 2.50 -0.69	45.25 2.98 -4.02	56.95 3.79 -6.38	63.98 4.54 -8.41	56.94 4.07 -8.20	44.88 3.20 -6.19	44.13 3.04 -5.33	40.27 2.85 -4.65	35.35 2.66 -1.72	35.23 2.63 -2.36	37.05 2.75 -2.32	43.55 2.97 -6.04	48.94 3.34 -6.33	67.08 4.26 -17.96	67.14 4.54 -13.83	57.70 4.18 -9.51	51.15 3.69 -7.82	47.63 2.90 -8.08	43.52 3.05 -3.67	40.27 2.52 -3.68
KENSICO____ 23655	39.96 2.05 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.91 1.72 0.00	38.06 1.78 0.00	40.42 2.18 0.00	49.91 3.13 0.00	56.46 3.78 -1.66	48.07 3.40 0.00	37.90 2.41 0.00	38.02 2.25 0.00	34.90 2.13 0.00	32.95 1.98 0.00	32.14 1.97 0.07	33.72 2.05 0.30	36.27 2.21 0.47	41.76 2.79 0.29	48.22 3.54 0.18	52.53 3.76 0.00	47.29 3.39 0.10	42.63 3.09 0.10	39.55 2.31 -0.58	38.86 2.28 0.21	35.91 1.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.96 2.05 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.91 1.72 0.00	38.10 1.81 0.00	40.46 2.22 0.00	50.01 3.23 0.00	56.23 3.62 -1.58	47.72 3.04 0.00	37.47 1.99 0.00	37.55 1.79 0.00	34.38 1.61 0.00	32.14 1.18 0.00	31.32 1.15 0.07	32.91 1.25 0.31	35.49 1.45 0.50	40.97 2.00 0.31	47.53 2.87 0.19	51.89 3.12 0.00	46.71 2.82 0.11	42.39 2.85 0.10	38.64 2.20 0.22	38.63 2.06 0.22	35.74 1.67 0.00

KIAC_JFK_GT1 23816	40.22 2.31 0.00	38.78 2.09 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.72 2.49 0.00	50.43 3.65 0.00	57.08 4.39 -1.67	51.09 4.02 -2.40	46.54 2.98 -8.07	46.15 2.90 -7.49	44.13 2.65 -8.71	43.33 2.48 -9.89	41.87 2.45 -9.18	43.50 2.56 -8.97	41.94 2.76 -4.63	46.27 3.46 -3.55	51.41 4.17 -2.38	53.28 4.49 -0.02	47.97 4.05 0.09	44.48 3.73 -1.11	46.08 2.82 -6.60	39.32 2.72 0.20	36.25 2.18 0.00
KIAC_JFK_GT2 23817	40.22 2.31 0.00	38.78 2.09 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.72 2.49 0.00	50.43 3.65 0.00	57.08 4.39 -1.67	51.09 4.02 -2.40	46.54 2.98 -8.07	46.15 2.90 -7.49	44.13 2.65 -8.71	43.33 2.48 -9.89	41.87 2.45 -9.18	43.50 2.56 -8.97	41.94 2.76 -4.63	46.27 3.46 -3.55	51.41 4.17 -2.38	53.28 4.49 -0.02	47.97 4.05 0.09	44.48 3.73 -1.11	46.08 2.82 -6.60	39.32 2.72 0.20	36.25 2.18 0.00
KIAC_JFK____ 323774	40.23 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 1.99 0.00	40.72 2.48 0.00	50.43 3.65 0.00	57.08 4.39 -1.67	51.14 4.07 -2.40	46.54 2.98 -8.07	46.15 2.90 -7.49	44.13 2.65 -8.71	43.33 2.48 -9.89	41.87 2.45 -9.18	43.50 2.56 -8.97	41.94 2.76 -4.63	46.28 3.46 -3.55	51.41 4.17 -2.38	53.33 4.54 -0.02	48.14 4.23 0.09	44.59 3.84 -1.11	46.08 2.82 -6.60	39.36 2.76 0.20	36.22 2.15 0.00
KINTIGH____ 23543	34.29 -3.53 0.09	33.22 -3.41 0.06	31.83 -3.27 0.06	31.90 -3.24 0.06	32.67 -3.56 0.06	34.84 -3.40 0.00	41.69 -4.82 0.28	45.37 -5.20 0.45	39.76 -4.91 0.00	31.69 -3.80 0.00	31.81 -3.90 0.06	29.43 -3.34 0.00	27.89 -3.07 0.01	26.99 -2.60 0.65	26.48 -2.78 2.71	27.13 -3.07 4.34	32.73 -3.85 2.69	38.50 -4.71 1.65	41.74 -5.12 1.91	37.64 -4.62 1.75	34.76 -4.00 0.87	30.92 -3.85 1.89	30.93 -3.90 1.97	30.42 -3.65 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.73 1.82 0.00	38.60 1.91 0.00	37.02 1.86 0.00	37.02 1.83 0.00	38.35 2.07 0.00	40.15 1.91 0.00	48.18 1.40 0.00	51.69 0.66 0.00	46.20 1.52 0.00	36.87 1.38 0.00	37.23 1.47 0.00	33.95 1.18 0.00	32.30 1.33 0.00	31.44 1.24 0.04	33.04 1.25 0.18	35.57 1.31 0.28	40.39 1.30 0.17	46.32 1.57 0.11	50.53 1.76 0.00	45.22 1.28 0.06	40.73 1.15 0.06	37.89 1.36 0.12	37.99 1.32 0.13	35.81 1.74 0.00
LACHUTE____HYDRO 323717	40.30 2.39 0.00	38.89 2.20 0.00	37.27 2.11 0.00	37.34 2.15 0.00	38.57 2.29 0.00	41.18 2.94 0.00	50.90 4.12 0.00	57.79 4.64 -2.12	48.29 3.62 0.00	37.65 2.16 0.00	37.62 1.86 0.00	34.21 1.44 0.00	32.11 1.15 0.00	31.37 1.18 0.05	33.11 1.34 0.21	36.00 1.79 0.34	41.97 2.91 0.21	48.45 3.72 0.13	52.87 4.10 0.00	47.50 3.56 0.07	42.70 3.13 0.07	38.75 2.24 0.15	38.66 2.02 0.15	35.94 1.87 0.00
LAWRNCV_115KV_TB1 80681	37.91 0.00 0.00	36.77 0.07 0.00	35.26 0.11 0.00	35.26 0.07 0.00	36.43 0.15 0.00	37.97 -0.27 0.00	45.94 -0.84 0.00	49.90 -1.12 0.00	44.01 -0.67 0.00	35.13 -0.35 0.00	35.51 -0.25 0.00	32.41 -0.36 0.00	30.93 -0.03 0.00	30.06 -0.09 0.09	31.48 -0.10 0.40	33.56 -0.35 0.63	38.25 -0.63 0.39	43.80 -0.81 0.25	47.99 -0.78 0.00	42.99 -0.88 0.14	38.72 -0.79 0.13	36.05 -0.33 0.28	36.18 -0.33 0.29	34.10 0.03 0.00
LEDERLE____ 23769	39.88 1.97 0.00	38.49 1.80 0.00	36.85 1.69 0.00	36.84 1.65 0.00	38.03 1.74 0.00	40.34 2.10 0.00	49.87 3.09 0.00	56.31 3.67 -1.61	47.89 3.22 0.00	37.76 2.27 0.00	37.88 2.11 0.00	34.74 1.97 0.00	32.79 1.83 0.00	32.01 1.84 0.07	33.59 1.92 0.31	36.12 2.07 0.49	41.60 2.63 0.30	48.08 3.41 0.19	52.38 3.61 0.00	47.16 3.26 0.11	42.51 2.97 0.10	39.08 2.24 -0.18	38.74 2.17 0.22	35.84 1.77 0.00
LIGHTHSE_115KV_TB6 355974	36.85 -1.06 0.00	35.63 -1.06 0.00	34.14 -1.02 0.00	34.17 -1.02 0.00	35.09 -1.20 0.00	37.09 -1.15 0.00	45.52 -1.26 0.00	50.14 -1.28 -0.39	43.25 -1.43 0.00	34.24 -1.24 0.00	34.44 -1.32 0.00	31.53 -1.25 0.00	29.72 -1.24 0.01	28.42 -1.21 0.61	28.12 -1.31 2.54	29.16 -1.31 4.06	35.42 -1.34 2.52	41.98 -1.30 1.57	48.10 -1.32 -0.64	42.15 -1.23 0.62	37.63 -1.19 0.82	33.75 -1.14 1.77	33.74 -1.21 1.84	32.94 -1.12 0.00
LINDEN COGEN____ 23786	40.00 2.08 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.88 1.69 0.00	38.06 1.78 0.00	40.42 2.18 0.00	49.91 3.13 0.01	49.76 3.72 4.99	48.51 3.39 -0.44	46.08 2.52 -8.07	45.61 2.36 -7.49	43.71 2.23 -8.71	42.96 2.11 -9.89	41.51 2.09 -9.18	43.12 2.18 -8.97	41.52 2.35 -4.63	45.68 2.87 -3.55	48.29 3.59 0.15	50.86 3.81 1.72	47.48 3.56 0.09	43.96 3.21 -1.11	45.18 2.38 -6.14	38.99 2.39 0.20	35.94 1.87 0.00
LINDHRST_69_KV_BK1 356055	43.67 3.26 -2.50	40.49 3.05 -0.76	38.61 2.88 -0.57	38.27 2.85 -0.23	39.95 2.98 -0.69	45.74 3.48 -4.02	58.03 4.87 -6.38	65.15 5.71 -8.41	57.92 5.05 -8.20	45.26 3.58 -6.19	44.56 3.47 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.40 3.10 -2.32	43.97 3.38 -6.04	49.85 4.24 -6.33	68.11 5.29 -17.96	68.31 5.71 -13.83	58.66 5.15 -9.51	52.06 4.60 -7.82	48.29 3.67 -7.97	44.01 3.53 -3.68	40.75 3.00 -3.68
LIPA_MISC_IPP 23656	43.86 3.45 -2.50	40.68 3.23 -0.76	38.79 3.06 -0.57	38.49 3.06 -0.23	40.13 3.16 -0.69	45.97 3.71 -4.02	58.40 5.24 -6.38	65.56 6.12 -8.41	58.19 5.32 -8.20	45.37 3.69 -6.19	44.70 3.61 -5.33	40.73 3.31 -4.65	35.72 3.03 -1.72	35.59 2.99 -2.36	37.49 3.20 -2.32	44.10 3.52 -6.04	50.04 4.44 -6.33	68.42 5.61 -17.96	68.61 6.00 -13.83	58.97 5.46 -9.51	52.34 4.88 -7.82	48.36 3.85 -7.85	44.23 3.75 -3.68	40.92 3.17 -3.68
LISF____SOLAR 323691	43.94 3.53 -2.50	40.75 3.30 -0.76	38.85 3.13 -0.57	38.55 3.13 -0.23	40.20 3.23 -0.69	46.05 3.79 -4.02	58.49 5.33 -6.38	65.71 6.27 -8.41	58.28 5.40 -8.20	45.41 3.73 -6.19	44.78 3.68 -5.33	40.80 3.38 -4.65	35.79 3.10 -1.72	35.65 3.05 -2.36	37.56 3.26 -2.32	44.17 3.59 -6.04	50.12 4.51 -6.33	68.56 5.74 -17.96	68.75 6.15 -13.83	59.19 5.68 -9.51	52.46 4.99 -7.82	48.51 4.00 -7.85	44.29 3.83 -3.67	40.95 3.20 -3.68
LITTLE FALLS____HYD 24013	38.33 0.42 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.65 0.36 0.00	38.74 0.50 0.00	47.58 0.80 0.00	51.99 0.97 0.00	45.48 0.80 0.00	35.98 0.50 0.00	36.19 0.43 0.00	33.13 0.36 0.00	31.31 0.34 0.00	30.48 0.30 0.06	32.07 0.35 0.26	34.44 0.31 0.41	39.49 0.47 0.25	45.37 0.67 0.16	49.55 0.78 0.00	44.62 0.70 0.09	40.15 0.59 0.08	37.03 0.55 0.18	37.09 0.48 0.19	34.48 0.41 0.00
LITTLRIV_115KV_TB1 356100	38.37 0.45 0.00	37.24 0.55 0.00	35.69 0.53 0.00	35.68 0.49 0.00	36.90 0.62 0.00	38.47 0.23 0.00	46.59 -0.19 0.00	50.67 -0.36 0.00	44.68 0.00 0.00	35.63 0.14 0.00	35.98 0.21 0.00	32.77 0.00 0.00	31.27 0.31 0.00	30.35 0.21 0.10	31.81 0.26 0.42	33.93 0.07 0.68	38.69 -0.16 0.42	44.37 -0.22 0.26	48.68 -0.10 0.00	43.59 -0.26 0.15	39.22 -0.28 0.14	36.51 0.15 0.29	36.60 0.11 0.31	34.48 0.41 0.00

LI_NEWBRDGE___DRP 323616	42.99 2.58 -2.50	39.83 2.38 -0.76	37.94 2.22 -0.57	37.64 2.22 -0.23	39.26 2.29 -0.69	44.98 2.71 -4.02	56.95 3.79 -6.38	63.93 4.49 -8.41	56.90 4.02 -8.20	44.59 2.91 -6.19	43.85 2.75 -5.33	40.01 2.59 -4.65	35.11 2.42 -1.72	34.99 2.39 -2.36	36.82 2.53 -2.32	43.27 2.69 -6.04	48.94 3.34 -6.33	66.98 4.17 -17.96	67.05 4.44 -13.83	57.56 4.05 -9.51	51.11 3.65 -7.82	47.55 2.82 -8.07	43.27 2.80 -3.68	40.10 2.35 -3.68
LOCKPORT_115KV_TB60_63_64 80432	33.46 -4.36 0.09	32.56 -4.07 0.06	31.17 -3.94 0.06	31.23 -3.91 0.06	32.20 -4.03 0.06	34.38 -3.86 0.00	40.59 -5.89 0.29	43.63 -6.48 0.92	39.05 -5.63 0.00	31.09 -4.40 0.00	31.13 -4.58 0.06	28.87 -3.90 0.00	27.40 -3.56 0.01	26.31 -3.30 0.64	25.78 -3.52 2.68	26.40 -3.87 4.27	31.87 -4.75 2.65	37.45 -5.70 1.71	39.48 -6.24 3.05	36.10 -5.63 2.27	33.94 -4.84 0.86	30.14 -4.66 1.86	30.11 -4.75 1.94	29.95 -4.12 0.00
LOCKPORT___CC1 323769	33.47 -4.36 0.09	32.56 -4.07 0.06	31.20 -3.90 0.06	31.30 -3.83 0.06	32.20 -4.03 0.06	34.38 -3.86 0.00	40.54 -5.94 0.29	43.62 -6.48 0.92	39.00 -5.67 0.00	30.91 -4.58 0.00	31.13 -4.58 0.06	28.80 -3.97 0.00	27.43 -3.53 0.01	26.37 -3.24 0.64	25.81 -3.48 2.68	26.43 -3.83 4.27	31.87 -4.75 2.65	37.44 -5.70 1.71	39.32 -6.39 3.06	36.10 -5.63 2.28	33.94 -4.84 0.86	30.14 -4.66 1.86	30.11 -4.75 1.94	30.18 -3.88 0.00
LOCKPORT___CC2 323770	33.47 -4.36 0.09	32.56 -4.07 0.06	31.20 -3.90 0.06	31.30 -3.83 0.06	32.20 -4.03 0.06	34.38 -3.86 0.00	40.54 -5.94 0.29	43.62 -6.48 0.92	39.00 -5.67 0.00	30.91 -4.58 0.00	31.13 -4.58 0.06	28.80 -3.97 0.00	27.43 -3.53 0.01	26.37 -3.24 0.64	25.81 -3.48 2.68	26.43 -3.83 4.27	31.87 -4.75 2.65	37.44 -5.70 1.71	39.32 -6.39 3.06	36.10 -5.63 2.28	33.94 -4.84 0.86	30.14 -4.66 1.86	30.11 -4.75 1.94	30.18 -3.88 0.00
LOCKPORT___CC3 323771	33.47 -4.36 0.09	32.56 -4.07 0.06	31.20 -3.90 0.06	31.30 -3.83 0.06	32.20 -4.03 0.06	34.38 -3.86 0.00	40.54 -5.94 0.29	43.62 -6.48 0.92	39.00 -5.67 0.00	30.91 -4.58 0.00	31.13 -4.58 0.06	28.80 -3.97 0.00	27.43 -3.53 0.01	26.37 -3.24 0.64	25.81 -3.48 2.68	26.43 -3.83 4.27	31.87 -4.75 2.65	37.44 -5.70 1.71	39.32 -6.39 3.06	36.10 -5.63 2.28	33.94 -4.84 0.86	30.14 -4.66 1.86	30.11 -4.75 1.94	30.18 -3.88 0.00
LONG_LAKE_PHOENIX 24014	36.48 -1.44 -0.01	35.27 -1.43 -0.01	33.80 -1.37 -0.01	33.83 -1.37 -0.01	34.80 -1.49 -0.01	36.86 -1.38 0.00	45.18 -1.64 -0.04	49.81 -1.68 -0.47	42.89 -1.79 0.00	33.96 -1.53 0.00	34.16 -1.61 -0.01	31.26 -1.51 0.00	29.44 -1.52 0.01	28.05 -1.48 0.71	27.49 -1.53 2.95	28.24 -1.59 4.71	34.66 -1.69 2.92	41.24 -1.79 1.82	47.68 -1.90 -0.81	41.60 -1.72 0.69	37.10 -1.59 0.95	33.03 -1.58 2.05	33.00 -1.66 2.14	32.57 -1.50 0.00
LOVETT___3 23632	39.73 1.82 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.70 1.51 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.63 2.85 0.00	56.11 3.47 -1.61	47.72 3.04 0.00	37.65 2.16 0.00	37.77 2.00 0.00	34.64 1.87 0.00	32.73 1.77 0.00	31.92 1.75 0.07	33.49 1.82 0.31	35.98 1.93 0.49	41.44 2.47 0.30	47.90 3.23 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.31 2.77 0.10	38.96 2.09 -0.21	38.60 2.02 0.22	35.70 1.64 0.00
LOVETT___4 23642	39.73 1.82 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.70 1.51 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.63 2.85 0.00	56.11 3.47 -1.61	47.72 3.04 0.00	37.65 2.16 0.00	37.77 2.00 0.00	34.64 1.87 0.00	32.73 1.77 0.00	31.92 1.75 0.07	33.49 1.82 0.31	35.98 1.93 0.49	41.44 2.47 0.30	47.90 3.23 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.31 2.77 0.10	38.96 2.09 -0.21	38.60 2.02 0.22	35.70 1.64 0.00
LOVETT___5 23593	39.73 1.82 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.70 1.51 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.63 2.85 0.00	56.11 3.47 -1.61	47.72 3.04 0.00	37.65 2.16 0.00	37.77 2.00 0.00	34.64 1.87 0.00	32.73 1.77 0.00	31.92 1.75 0.07	33.49 1.82 0.31	35.98 1.93 0.49	41.44 2.47 0.30	47.90 3.23 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.31 2.77 0.10	38.96 2.09 -0.21	38.60 2.02 0.22	35.70 1.64 0.00
LOWER RAQUET___HYD 24057	37.80 -0.11 0.00	36.69 0.00 0.00	35.16 0.00 0.00	35.19 0.00 0.00	36.36 0.07 0.00	37.86 -0.38 0.00	45.80 -0.98 0.00	49.78 -1.27 -0.03	43.87 -0.80 0.00	35.02 -0.46 0.00	35.37 -0.39 0.00	32.28 -0.49 0.00	30.75 -0.22 0.00	29.89 -0.24 0.11	31.27 -0.26 0.45	33.34 -0.48 0.71	38.08 -0.75 0.44	43.64 -0.94 0.28	47.84 -0.93 0.00	42.84 -1.01 0.16	38.58 -0.91 0.14	35.83 -0.51 0.31	35.99 -0.48 0.32	34.00 -0.07 0.00
LOWER___HUDSON 24059	39.43 1.52 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.53 1.34 0.00	37.63 1.34 0.00	39.96 1.72 0.00	49.17 2.38 0.00	55.81 2.70 -2.08	46.95 2.28 0.00	37.09 1.60 0.00	37.16 1.39 0.00	34.08 1.31 0.00	32.17 1.21 0.00	31.37 1.18 0.05	33.01 1.25 0.21	35.62 1.42 0.34	40.95 1.88 0.21	47.10 2.38 0.13	51.36 2.58 0.00	46.26 2.33 0.07	41.67 2.10 0.07	38.12 1.61 0.15	38.15 1.51 0.15	35.43 1.36 0.00
LOWVILLE_115KV_TB2 356335	38.32 0.42 0.01	37.05 0.37 0.01	35.47 0.32 0.01	35.50 0.32 0.01	36.68 0.40 0.01	38.74 0.50 0.00	47.45 0.70 0.03	52.01 0.92 -0.07	45.35 0.67 0.00	35.77 0.28 0.00	35.87 0.11 0.01	32.67 -0.10 0.00	30.93 -0.03 0.00	29.90 -0.09 0.26	30.87 -0.03 1.07	32.93 0.10 1.71	38.52 0.31 1.06	44.87 0.67 0.66	49.65 0.88 0.00	44.34 0.70 0.38	39.85 0.55 0.34	36.35 0.44 0.74	36.28 0.26 0.77	34.31 0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.58 1.67 0.00	38.20 1.50 0.00	36.64 1.48 0.00	36.67 1.48 0.00	37.81 1.52 0.00	40.15 1.91 0.00	49.45 2.67 0.00	56.15 3.01 -2.12	47.13 2.46 0.00	37.08 1.60 0.00	37.16 1.39 0.00	33.98 1.21 0.00	32.08 1.11 0.00	31.28 1.09 0.05	32.95 1.18 0.21	35.62 1.42 0.34	41.06 2.00 0.21	47.24 2.51 0.13	51.55 2.78 0.00	46.44 2.51 0.07	41.79 2.22 0.07	38.20 1.69 0.15	38.19 1.55 0.15	35.47 1.40 0.00
LUTHERNY_35_KV_BK2 355980	39.62 1.71 0.00	38.23 1.54 0.00	36.64 1.48 0.00	36.70 1.51 0.00	37.85 1.56 0.00	40.19 1.95 0.00	49.49 2.71 0.00	56.20 3.06 -2.12	47.18 2.50 0.00	37.12 1.63 0.00	37.20 1.43 0.00	34.02 1.25 0.00	32.08 1.11 0.00	31.31 1.12 0.05	32.95 1.18 0.21	35.62 1.42 0.34	41.10 2.04 0.21	47.28 2.56 0.13	51.60 2.83 0.00	46.49 2.55 0.07	41.83 2.26 0.07	38.20 1.69 0.15	38.22 1.58 0.15	35.50 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	37.72 -0.19 0.00	36.54 -0.15 0.00	35.02 -0.14 0.00	35.01 -0.18 0.00	36.18 -0.11 0.00	37.93 -0.31 0.00	46.22 -0.56 0.00	50.41 -0.66 -0.05	44.19 -0.49 0.00	35.06 -0.43 0.00	35.26 -0.50 0.00	32.15 -0.62 0.00	30.56 -0.40 0.00	29.59 -0.45 0.20	30.70 -0.45 0.83	32.69 -0.52 1.33	37.86 -0.59 0.82	43.80 -0.54 0.51	48.33 -0.44 0.29	43.19 -0.53 0.27	38.81 -0.55 0.27	35.75 -0.33 0.58	35.75 -0.44 0.60	33.86 -0.20 0.00

LYONS_FALL_HYD 23570	38.54 0.64 0.01	37.27 0.59 0.01	35.71 0.56 0.01	35.74 0.56 0.01	36.89 0.62 0.01	39.04 0.80 0.00	47.82 1.08 0.04	52.41 1.32 -0.06	45.71 1.03 0.00	36.05 0.57 0.00	36.15 0.39 0.01	33.00 0.23 0.00	31.21 0.25 0.00	30.20 0.18 0.23	31.28 0.25 0.94	33.41 0.38 1.51	39.00 0.67 0.94	45.30 1.03 0.58	49.99 1.22 0.00	44.69 1.01 0.33	40.17 0.83 0.30	36.70 0.69 0.66	36.62 0.51 0.68	34.55 0.48 0.00
MADISON___COUNTY_LFGE 323628	38.76 0.87 0.03	37.48 0.81 0.02	35.92 0.77 0.02	35.95 0.77 0.02	37.14 0.87 0.02	39.42 1.19 0.00	48.29 1.59 0.08	52.97 1.84 -0.11	46.11 1.43 0.00	36.37 0.89 0.00	36.46 0.72 0.02	33.33 0.56 0.00	31.46 0.50 0.00	30.32 0.42 0.34	31.05 0.51 1.43	32.90 0.66 2.29	38.79 0.94 1.42	45.27 1.30 0.89	50.28 1.51 0.00	44.78 1.28 0.50	40.28 1.11 0.46	36.54 0.88 1.00	36.45 0.70 1.04	34.68 0.61 0.00
MALONE___115KV_TB1 356076	39.31 1.40 0.00	38.20 1.50 0.00	36.64 1.48 0.00	36.63 1.44 0.00	37.92 1.63 0.00	39.65 1.41 0.00	47.76 0.98 0.00	51.59 0.56 0.00	45.84 1.16 0.00	36.59 1.10 0.00	36.98 1.22 0.00	33.72 0.95 0.00	32.11 1.15 0.00	31.24 1.06 0.06	32.80 1.09 0.26	35.19 1.07 0.41	40.03 1.02 0.26	45.91 1.21 0.16	50.09 1.32 0.00	44.84 0.92 0.09	40.35 0.79 0.08	37.58 1.10 0.18	37.67 1.07 0.19	35.43 1.36 0.00
MAPLEWOD_115KV_TB3 80458	39.35 1.44 0.00	37.98 1.28 0.00	36.43 1.27 0.00	36.46 1.27 0.00	37.56 1.27 0.00	39.88 1.64 0.00	49.12 2.34 0.00	55.70 2.60 -2.07	46.91 2.23 0.00	37.05 1.56 0.00	37.12 1.36 0.00	34.05 1.28 0.00	32.17 1.21 0.00	31.37 1.18 0.05	33.00 1.25 0.22	35.61 1.42 0.34	40.90 1.85 0.21	47.01 2.29 0.13	51.26 2.49 0.00	46.22 2.29 0.08	41.59 2.02 0.07	38.05 1.54 0.15	38.11 1.47 0.16	35.50 1.43 0.00
MAPLE_RIDGE_WT_1 323574	37.95 0.04 0.00	36.77 0.07 0.00	35.23 0.07 0.00	35.26 0.07 0.00	36.36 0.07 0.00	38.20 -0.04 0.00	46.59 -0.19 0.00	50.77 -0.25 0.00	44.54 -0.13 0.00	35.49 0.00 0.00	35.84 0.07 0.00	32.84 0.07 0.00	31.06 0.09 0.00	30.30 0.09 0.03	31.91 0.06 0.13	34.37 0.03 0.20	39.10 -0.04 0.13	44.64 -0.13 0.08	48.63 -0.15 0.00	43.83 -0.13 0.04	39.44 -0.16 0.04	36.57 0.00 0.09	36.74 0.04 0.09	34.14 0.07 0.00
MAPLE_RIDGE_WT_2 323611	37.95 0.04 0.00	36.77 0.07 0.00	35.23 0.07 0.00	35.26 0.07 0.00	36.36 0.07 0.00	38.20 -0.04 0.00	46.59 -0.19 0.00	50.77 -0.25 0.00	44.54 -0.13 0.00	35.49 0.00 0.00	35.84 0.07 0.00	32.84 0.07 0.00	31.06 0.09 0.00	30.30 0.09 0.03	31.91 0.06 0.13	34.37 0.03 0.20	39.10 -0.04 0.13	44.64 -0.13 0.08	48.63 -0.15 0.00	43.83 -0.13 0.04	39.44 -0.16 0.04	36.57 0.00 0.09	36.74 0.04 0.09	34.14 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	39.16 1.25 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.49 1.30 0.00	37.77 1.49 0.00	39.50 1.26 0.00	47.53 0.75 0.00	51.08 0.05 0.00	45.52 0.85 0.00	36.37 0.89 0.00	36.76 1.00 0.00	33.59 0.82 0.00	31.89 0.93 0.00	31.05 0.85 0.04	32.67 0.86 0.17	35.16 0.90 0.27	39.89 0.79 0.17	45.60 0.85 0.10	49.70 0.92 0.00	44.61 0.66 0.06	40.18 0.60 0.05	37.35 0.81 0.12	37.55 0.88 0.12	35.33 1.26 0.00
MARSHVLE_115KV_TB1 80742	40.60 2.69 0.01	39.25 2.57 0.01	37.58 2.43 0.01	37.65 2.46 0.01	38.97 2.69 0.01	41.53 3.29 0.00	51.25 4.49 0.03	58.54 5.10 -2.41	48.74 4.07 0.00	38.18 2.70 0.00	38.23 2.47 0.01	34.87 2.10 0.00	32.89 1.92 0.00	32.00 1.84 0.09	33.65 2.05 0.37	36.44 2.49 0.59	42.32 3.42 0.36	48.98 4.35 0.23	53.53 4.78 0.02	48.05 4.18 0.14	43.20 3.69 0.12	39.33 2.93 0.26	39.21 2.69 0.27	36.49 2.42 0.00
MARSH_HILL_WT_PWR 323713	37.70 -0.15 0.06	36.66 0.00 0.04	35.09 -0.04 0.04	35.33 0.18 0.04	36.54 0.29 0.04	38.89 0.65 0.00	47.01 0.42 0.19	53.70 0.81 -1.86	45.17 0.49 0.00	35.59 0.11 0.00	35.62 -0.11 0.04	32.74 -0.03 0.00	30.93 -0.03 0.01	29.48 -0.21 0.55	29.39 -0.29 2.29	30.63 -0.24 3.66	37.00 0.00 2.27	43.82 0.40 1.44	53.18 0.44 -3.97	45.27 0.40 -0.87	39.18 0.28 0.74	35.21 0.15 1.59	34.91 -0.22 1.66	34.14 0.07 0.00
MCINTYRE_115KV_TB2 80467	38.63 0.72 0.00	37.50 0.81 0.00	35.93 0.77 0.00	35.96 0.77 0.00	37.23 0.94 0.00	38.81 0.57 0.00	47.06 0.28 0.00	51.18 0.15 0.00	45.12 0.45 0.00	35.95 0.46 0.00	36.37 0.61 0.00	33.13 0.36 0.00	31.62 0.65 0.00	30.69 0.54 0.09	32.20 0.61 0.38	34.37 0.45 0.61	39.17 0.27 0.38	44.84 0.22 0.24	49.16 0.39 0.00	44.09 0.22 0.13	39.67 0.16 0.12	36.98 0.59 0.27	37.07 0.55 0.28	34.82 0.75 0.00
MECO_____69_KV_BK1 80468	42.20 4.28 0.00	40.76 4.07 0.00	39.06 3.90 0.00	39.13 3.94 0.00	40.57 4.28 0.00	43.36 5.12 0.00	53.52 6.74 0.00	60.70 7.35 -2.33	50.44 5.76 0.00	39.25 3.76 0.00	39.20 3.43 0.00	35.65 2.88 0.00	33.57 2.60 0.00	32.68 2.51 0.08	34.47 2.81 0.32	37.59 3.56 0.50	43.90 4.95 0.31	50.85 6.19 0.20	55.55 6.78 0.00	49.84 5.94 0.11	44.77 5.23 0.10	40.65 4.22 0.22	40.47 3.90 0.23	37.68 3.61 0.00
MENANDS___115KV_TB5 355628	39.20 1.29 0.00	37.83 1.14 0.00	36.32 1.16 0.00	36.35 1.16 0.00	37.41 1.12 0.00	39.73 1.49 0.00	48.93 2.15 0.00	55.49 2.40 -2.07	46.73 2.06 0.00	36.94 1.45 0.00	37.02 1.25 0.00	33.95 1.18 0.00	32.08 1.11 0.00	31.31 1.12 0.05	32.94 1.18 0.22	35.50 1.31 0.35	40.78 1.73 0.21	46.83 2.11 0.13	51.02 2.24 0.00	46.04 2.11 0.08	41.43 1.86 0.07	37.94 1.43 0.15	37.96 1.32 0.16	35.43 1.36 0.00
MG INDUSTRY___DRP 24185	39.24 1.33 0.00	37.90 1.21 0.00	36.35 1.20 0.00	36.39 1.20 0.00	37.48 1.20 0.00	39.73 1.49 0.00	48.79 2.01 0.00	55.24 2.19 -2.02	46.51 1.83 0.00	36.76 1.28 0.00	36.87 1.11 0.00	33.79 1.02 0.00	31.93 0.96 0.00	31.16 0.97 0.05	32.77 1.02 0.22	35.36 1.17 0.35	40.58 1.53 0.22	46.60 1.88 0.14	50.82 2.05 0.00	45.82 1.89 0.08	41.27 1.70 0.07	37.82 1.32 0.15	37.88 1.25 0.16	35.33 1.26 0.00
MID___OSWEGATCHIE_HYD 23849	37.72 -0.19 0.00	36.54 -0.15 0.00	35.02 -0.14 0.00	35.01 -0.18 0.00	36.18 -0.11 0.00	37.93 -0.31 0.00	46.22 -0.56 0.00	50.41 -0.66 -0.05	44.19 -0.49 0.00	35.06 -0.43 0.00	35.26 -0.50 0.00	32.15 -0.62 0.00	30.56 -0.40 0.00	29.59 -0.45 0.20	30.70 -0.45 0.83	32.69 -0.52 1.33	37.86 -0.59 0.82	43.80 -0.54 0.51	48.33 -0.44 0.00	43.19 -0.53 0.29	38.81 -0.55 0.27	35.75 -0.33 0.58	35.75 -0.44 0.60	33.86 -0.20 0.00
MID___RAQUETTE_HYD 23851	37.80 -0.11 0.00	36.69 0.00 0.00	35.16 0.00 0.00	35.19 0.00 0.00	36.36 0.07 0.00	37.86 -0.38 0.00	45.80 -0.98 0.00	49.78 -1.28 -0.03	43.87 -0.80 0.00	34.99 -0.50 0.00	35.37 -0.39 0.00	32.25 -0.52 0.00	30.78 -0.19 0.00	29.89 -0.24 0.11	31.27 -0.26 0.45	33.34 -0.48 0.71	38.08 -0.75 0.44	43.64 -0.94 0.28	47.85 -0.93 0.00	42.84 -1.01 0.16	38.58 -0.91 0.14	35.87 -0.48 0.31	35.99 -0.48 0.32	34.04 -0.03 0.00

MILLIKEN___1 23584	38.03 0.15 0.04	36.78 0.11 0.02	35.24 0.11 0.02	35.31 0.14 0.02	36.48 0.22 0.02	38.74 0.50 0.00	47.28 0.61 0.11	53.35 0.82 -1.50	45.08 0.40 0.00	35.59 0.11 0.00	35.67 -0.07 0.02	32.64 -0.13 0.00	30.77 -0.19 0.01	29.48 -0.21 0.55	29.48 -0.19 2.31	30.75 -0.10 3.68	37.14 0.16 2.28	43.88 0.45 1.43	52.40 0.59 -3.05	44.97 0.48 -0.48	39.29 0.40 0.74	35.20 0.15 1.60	35.09 -0.04 1.67	34.07 0.00 0.00
MILLIKEN___2 23585	38.03 0.15 0.04	36.78 0.11 0.02	35.24 0.11 0.02	35.31 0.14 0.02	36.48 0.22 0.02	38.74 0.50 0.00	47.28 0.61 0.11	53.35 0.82 -1.50	45.08 0.40 0.00	35.59 0.11 0.00	35.67 -0.07 0.02	32.64 -0.13 0.00	30.77 -0.19 0.01	29.48 -0.21 0.55	29.48 -0.19 2.31	30.75 -0.10 3.68	37.14 0.16 2.28	43.88 0.45 1.43	52.40 0.59 -3.05	44.97 0.48 -0.48	39.29 0.40 0.74	35.20 0.15 1.60	35.09 -0.04 1.67	34.07 0.00 0.00
MILLIKEN___DIESEL 23629	38.03 0.15 0.04	36.78 0.11 0.02	35.24 0.11 0.02	35.31 0.14 0.02	36.48 0.22 0.02	38.74 0.50 0.00	47.28 0.61 0.11	53.35 0.82 -1.50	45.08 0.40 0.00	35.59 0.11 0.00	35.67 -0.07 0.02	32.64 -0.13 0.00	30.77 -0.19 0.01	29.48 -0.21 0.55	29.48 -0.19 2.31	30.75 -0.10 3.68	37.14 0.16 2.28	43.88 0.45 1.43	52.40 0.59 -3.05	44.97 0.48 -0.48	39.29 0.40 0.74	35.20 0.15 1.60	35.09 -0.04 1.67	34.07 0.00 0.00
MILLSEAT___LFGE 323607	34.26 -3.57 0.09	33.30 -3.34 0.06	31.87 -3.23 0.06	31.97 -3.17 0.06	32.93 -3.30 0.06	35.18 -3.06 0.00	41.81 -4.68 0.29	45.05 -5.05 0.92	40.17 -4.51 0.00	31.69 -3.80 0.00	31.88 -3.83 0.06	29.43 -3.34 0.00	27.98 -2.97 0.01	26.91 -2.69 0.64	26.37 -2.91 2.69	27.10 -3.14 4.30	32.80 -3.81 2.66	38.66 -4.49 1.71	40.73 -4.98 3.06	37.29 -4.44 2.28	34.97 -3.81 0.87	31.05 -3.74 1.87	30.94 -3.90 1.95	30.87 -3.20 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.92 2.01 0.00	38.53 1.83 0.00	36.85 1.69 0.00	36.88 1.69 0.00	38.03 1.74 0.00	40.34 2.10 0.00	49.82 3.04 0.00	56.35 3.67 -1.65	47.94 3.26 0.00	37.83 2.34 0.00	37.95 2.18 0.00	34.80 2.03 0.00	32.85 1.89 0.00	32.05 1.87 0.07	33.66 1.98 0.30	36.17 2.11 0.47	41.65 2.67 0.29	48.13 3.45 0.18	52.43 3.66 0.00	47.20 3.30 0.10	42.51 2.97 0.10	39.35 2.24 -0.46	38.79 2.21 0.21	35.87 1.81 0.00
MILLWOOD_13_KV_LOAD 356217	40.00 2.09 0.00	38.60 1.91 0.00	36.92 1.76 0.00	36.95 1.76 0.00	38.10 1.81 0.00	40.42 2.18 0.00	49.91 3.13 0.00	56.51 3.83 -1.65	48.07 3.40 0.00	37.90 2.41 0.00	38.02 2.25 0.00	34.87 2.10 0.00	32.92 1.95 0.00	32.11 1.94 0.07	33.69 2.01 0.30	36.24 2.18 0.47	41.76 2.79 0.29	48.26 3.59 0.18	52.58 3.80 0.00	47.34 3.43 0.10	42.63 3.09 0.10	39.46 2.35 -0.46	38.86 2.28 0.21	35.94 1.87 0.00
MODEL_CITY_ENERGY 24167	33.08 -4.74 0.09	32.20 -4.44 0.06	30.85 -4.26 0.06	30.95 -4.19 0.06	31.80 -4.43 0.06	33.96 -4.28 0.00	40.08 -6.41 0.29	43.03 -7.09 0.91	38.51 -6.17 0.00	30.52 -4.97 0.00	30.74 -4.97 0.06	28.48 -4.29 0.00	27.12 -3.84 0.01	26.07 -3.54 0.64	25.50 -3.81 2.67	26.10 -4.18 4.26	31.49 -5.14 2.64	37.04 -6.10 1.71	38.85 -6.88 3.05	35.66 -6.07 2.27	33.55 -5.23 0.86	29.82 -4.99 1.85	29.78 -5.08 1.93	29.88 -4.19 0.00
MODERN_LFGE___ 323580	33.08 -4.74 0.09	32.20 -4.44 0.06	30.85 -4.26 0.06	30.95 -4.19 0.06	31.80 -4.43 0.06	33.96 -4.28 0.00	40.08 -6.41 0.29	43.03 -7.09 0.91	38.51 -6.17 0.00	30.52 -4.97 0.00	30.74 -4.97 0.06	28.48 -4.29 0.00	27.12 -3.84 0.01	26.07 -3.54 0.64	25.50 -3.81 2.67	26.10 -4.18 4.26	31.49 -5.14 2.64	37.04 -6.10 1.71	38.85 -6.88 3.05	35.66 -6.07 2.27	33.55 -5.23 0.86	29.82 -4.99 1.85	29.78 -5.08 1.93	29.88 -4.19 0.00
MOHAWK_PAPER___DRP 24187	39.35 1.44 0.00	37.98 1.28 0.00	36.43 1.27 0.00	36.46 1.27 0.00	37.56 1.27 0.00	39.88 1.64 0.00	49.12 2.34 0.00	55.70 2.60 -2.07	46.91 2.23 0.00	37.05 1.56 0.00	37.12 1.36 0.00	34.05 1.28 0.00	32.17 1.21 0.00	31.37 1.18 0.05	33.00 1.25 0.22	35.61 1.42 0.34	40.90 1.85 0.21	47.01 2.29 0.13	51.26 2.49 0.00	46.22 2.29 0.08	41.59 2.02 0.07	38.05 1.54 0.15	38.11 1.47 0.16	35.50 1.43 0.00
MOHICAN___35_KV_115KV_LD 80490	39.24 1.33 0.00	37.87 1.17 0.00	36.32 1.16 0.00	36.35 1.16 0.00	37.52 1.23 0.00	39.92 1.68 0.00	49.26 2.48 0.00	55.95 2.81 -2.12	46.87 2.19 0.00	36.76 1.28 0.00	36.80 1.04 0.00	33.59 0.82 0.00	31.65 0.68 0.00	30.89 0.70 0.05	32.53 0.77 0.21	35.24 1.04 0.34	40.87 1.81 0.21	47.06 2.33 0.13	51.36 2.58 0.00	46.22 2.29 0.07	41.59 2.02 0.07	37.87 1.36 0.15	37.82 1.18 0.15	35.13 1.06 0.00
MONGAUP___HYD 23641	39.20 1.29 0.00	38.16 1.47 0.00	36.53 1.37 0.00	36.56 1.37 0.00	37.70 1.41 0.00	39.69 1.45 0.00	49.03 2.25 0.00	55.11 2.55 -1.53	46.69 2.01 0.00	36.98 1.49 0.00	37.02 1.25 0.00	33.92 1.15 0.00	31.96 0.99 0.00	31.16 1.00 0.08	32.74 1.09 0.32	35.30 1.28 0.51	40.44 1.49 0.32	46.86 2.20 0.20	51.21 2.44 0.00	46.18 2.29 0.11	41.79 2.26 0.10	38.34 1.72 0.04	38.11 1.55 0.23	35.29 1.22 0.00
MONTAUK___DIESEL 23721	44.96 4.55 -2.50	41.74 4.29 -0.76	39.80 4.08 -0.57	39.51 4.08 -0.23	41.22 4.25 -0.69	47.16 4.89 -4.02	60.04 6.88 -6.38	67.50 8.06 -8.41	59.80 6.92 -8.20	46.44 4.76 -6.19	45.78 4.69 -5.33	41.65 4.23 -4.65	36.56 3.87 -1.72	36.41 3.81 -2.36	38.36 4.06 -2.32	45.11 4.52 -6.04	51.30 5.69 -6.33	70.03 7.22 -17.96	70.41 7.80 -13.83	60.56 7.04 -9.51	53.72 6.26 -7.82	49.61 5.10 -7.85	45.33 4.86 -3.68	41.94 4.19 -3.68
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.38 -3.45 0.08	33.63 -3.01 0.05	32.05 -3.06 0.05	32.18 -2.96 0.05	33.55 -2.69 0.05	35.91 -2.33 0.00	42.11 -4.40 0.27	46.28 -4.24 0.51	41.33 -3.35 0.00	32.79 -2.70 0.00	32.78 -2.93 0.05	30.41 -2.36 0.00	28.79 -2.17 0.01	27.36 -2.27 0.61	26.91 -2.49 2.57	27.64 -2.80 4.10	33.27 -3.46 2.54	39.34 -3.86 1.65	42.45 -4.29 2.03	38.15 -4.05 1.81	35.40 -3.41 0.83	31.39 -3.48 1.78	31.18 -3.75 1.86	31.11 -2.96 0.00
MORTIMER_115KV_TB3 55949	35.43 -2.39 0.09	34.25 -2.38 0.06	32.85 -2.25 0.06	32.88 -2.25 0.06	33.80 -2.43 0.06	35.94 -2.29 0.00	43.46 -3.04 0.28	46.83 -3.27 0.93	41.46 -3.22 0.00	32.93 -2.56 0.00	33.03 -2.68 0.06	30.44 -2.33 0.00	28.79 -2.17 0.01	27.74 -1.84 0.66	27.27 -1.95 2.75	28.03 -2.11 4.40	34.03 -2.51 2.73	40.20 -2.96 1.70	42.54 -3.12 3.12	38.86 -2.86 2.29	36.21 -2.54 0.89	32.25 -2.49 1.91	32.19 -2.61 2.00	31.55 -2.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.20 3.41 0.00	56.77 4.08 -1.67	50.82 3.71 -2.44	46.36 2.66 -8.21	45.88 2.50 -7.61	43.99 2.36 -8.86	43.22 2.20 -10.06	41.76 2.18 -9.34	43.37 2.27 -9.13	41.71 2.45 -4.72	45.95 3.06 -3.61	51.14 3.86 -2.43	52.89 4.10 -0.02	47.66 3.74 0.09	44.14 3.37 -1.13	45.26 2.49 -6.11	39.13 2.54 0.20	36.15 2.08 0.00

MUNSVILLE_WIND_PWR 323609	41.22 3.34 0.03	39.90 3.23 0.02	38.17 3.02 0.02	38.30 3.13 0.02	39.72 3.45 0.02	42.29 4.05 0.00	51.70 5.01 0.09	58.29 5.92 -1.35	49.24 4.56 0.00	38.33 2.84 0.00	38.18 2.43 0.02	34.74 1.97 0.00	32.79 1.83 0.01	31.52 1.69 0.41	32.17 1.92 1.72	34.14 2.35 2.75	40.90 3.34 1.71	48.41 4.62 1.07	56.34 5.41 -2.15	49.02 4.71 -0.30	43.13 4.04 0.55	38.98 3.52 1.20	38.60 3.05 1.25	36.90 2.83 0.00
N SALMON___HYD 24042	39.35 1.44 0.00	38.20 1.50 0.00	36.64 1.48 0.00	36.63 1.44 0.00	37.92 1.63 0.00	39.65 1.42 0.00	47.76 0.98 0.00	51.59 0.56 0.00	45.84 1.16 0.00	36.62 1.14 0.00	36.98 1.22 0.00	33.72 0.95 0.00	32.08 1.11 0.00	31.24 1.06 0.06	32.80 1.09 0.26	35.20 1.07 0.41	40.03 1.02 0.26	45.91 1.21 0.16	50.09 1.32 0.00	44.84 0.93 0.09	40.35 0.79 0.08	37.50 1.02 0.18	37.67 1.07 0.19	35.43 1.36 0.00
N.AKRON__115KV_KNAPP 355671	34.26 -3.56 0.09	33.26 -3.38 0.06	31.83 -3.27 0.06	31.90 -3.24 0.06	32.93 -3.30 0.06	35.14 -3.10 0.00	41.76 -4.72 0.29	45.00 -5.10 0.92	40.16 -4.51 0.00	31.87 -3.62 0.00	31.88 -3.83 0.06	29.53 -3.24 0.00	27.95 -3.00 0.01	26.88 -2.72 0.64	26.37 -2.91 2.69	27.07 -3.18 4.29	32.76 -3.85 2.66	38.61 -4.53 1.71	40.78 -4.93 3.06	37.24 -4.49 2.28	34.89 -3.88 0.86	31.02 -3.78 1.87	30.95 -3.90 1.95	30.63 -3.44 0.00
N.BELMOR_69_KV_BK1 55787	43.21 2.81 -2.50	40.05 2.61 -0.76	38.19 2.46 -0.57	37.85 2.43 -0.23	39.52 2.54 -0.69	45.24 2.98 -4.02	57.33 4.16 -6.38	64.34 4.90 -8.41	57.25 4.38 -8.20	44.87 3.19 -6.19	44.10 3.00 -5.33	40.24 2.82 -4.65	35.32 2.63 -1.72	35.20 2.60 -2.36	37.05 2.75 -2.32	43.52 2.94 -6.04	49.22 3.61 -6.33	67.39 4.58 -17.96	67.53 4.93 -13.83	57.96 4.44 -9.51	51.46 4.00 -7.82	47.83 3.12 -8.05	43.56 3.09 -3.68	40.34 2.59 -3.68
N.E_GEN_SANDY PD 24062	39.80 1.78 -0.11	38.30 1.61 0.00	37.30 1.58 -0.56	37.50 1.59 -0.72	38.05 1.59 -0.17	40.01 1.95 0.17	52.19 2.71 -2.70	56.90 3.16 -2.71	47.40 2.77 0.05	40.20 1.99 -2.73	37.55 1.79 0.00	34.47 1.70 0.00	33.00 1.61 -0.42	32.60 1.60 -0.76	33.70 1.66 -0.07	37.10 1.79 -0.77	40.74 2.28 0.81	50.00 2.87 -2.27	54.00 3.07 -2.15	47.60 2.82 -0.78	43.47 2.54 -1.29	39.31 1.98 -0.68	38.49 1.88 0.18	35.70 1.64 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.77 1.86 0.00	38.38 1.69 0.00	36.74 1.58 0.00	36.77 1.58 0.00	37.92 1.63 0.00	40.23 1.99 0.00	49.73 2.95 0.00	56.16 3.52 -1.61	47.76 3.08 0.00	37.65 2.16 0.00	37.80 2.04 0.00	34.67 1.90 0.00	32.73 1.77 0.00	31.92 1.75 0.07	33.52 1.85 0.31	36.02 1.97 0.49	41.48 2.51 0.30	47.94 3.27 0.19	52.24 3.46 0.00	47.02 3.12 0.11	42.39 2.85 0.10	38.98 2.13 -0.20	38.63 2.06 0.22	35.74 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	40.53 2.62 0.00	39.04 2.35 0.00	37.27 2.11 0.00	37.27 2.08 0.00	38.46 2.18 0.00	40.80 2.56 0.00	50.34 3.56 0.00	56.98 4.29 -1.67	51.13 4.07 -2.39	46.46 2.91 -8.07	45.96 2.72 -7.48	44.00 2.52 -8.70	43.20 2.35 -9.88	41.76 2.33 -9.19	43.37 2.43 -8.96	41.80 2.62 -4.64	46.07 3.26 -3.54	51.40 4.17 -2.38	53.18 4.39 -0.02	47.88 3.96 0.09	44.31 3.57 -1.11	45.99 2.64 -6.69	39.25 2.65 0.20	36.35 2.28 0.00
N.TROY___115KV_TB1 355778	39.43 1.52 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.53 1.34 0.00	37.63 1.34 0.00	39.96 1.72 0.00	49.17 2.39 0.00	55.81 2.70 -2.08	46.96 2.28 0.00	37.08 1.60 0.00	37.16 1.39 0.00	34.05 1.28 0.00	32.17 1.21 0.00	31.37 1.18 0.05	33.01 1.25 0.21	35.62 1.42 0.34	40.95 1.88 0.21	47.06 2.33 0.13	51.31 2.54 0.00	46.27 2.33 0.07	41.67 2.10 0.07	38.09 1.58 0.15	38.15 1.51 0.15	35.47 1.40 0.00
NARROWS_GT1_1 24228	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT1_2 24229	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT1_3 24230	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT1_4 24231	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT1_5 24232	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT1_6 24233	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT1_7 24234	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00

NARROWS_GT1_8 24235	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_1 24236	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_2 24237	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_3 24238	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_4 24239	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_5 24240	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_6 24241	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_7 24242	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NARROWS_GT2_8 24243	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.00 2.09 0.00	38.56 1.87 0.00	37.02 1.86 0.00	37.06 1.87 0.00	38.17 1.89 0.00	40.61 2.37 0.00	50.01 3.23 0.00	55.88 2.91 -1.95	47.13 2.46 0.00	37.01 1.53 0.00	36.95 1.18 0.00	33.75 0.98 0.00	31.86 0.90 0.00	31.06 0.88 0.06	32.73 0.99 0.24	35.50 1.35 0.38	40.92 1.88 0.24	47.13 2.42 0.15	51.60 2.83 0.00	46.56 2.64 0.08	41.78 2.22 0.08	38.36 1.87 0.17	38.28 1.66 0.17	35.87 1.81 0.00
NCHELSEA_115KV_TR2 355582	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.06 1.87 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.10 3.32 0.00	56.54 3.83 -1.69	47.94 3.26 0.00	37.76 2.27 0.00	37.80 2.04 0.00	34.64 1.87 0.00	32.67 1.70 0.00	31.87 1.69 0.07	33.50 1.82 0.29	36.07 2.00 0.47	41.57 2.59 0.29	48.08 3.41 0.18	52.43 3.66 0.00	47.25 3.34 0.10	42.52 2.97 0.09	38.76 2.31 0.20	38.79 2.21 0.21	35.91 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	39.66 1.74 0.00	38.27 1.58 0.00	36.67 1.51 0.00	36.74 1.55 0.00	37.88 1.59 0.00	40.23 1.99 0.00	49.54 2.76 0.00	56.24 3.11 -2.11	47.22 2.55 0.00	37.19 1.70 0.00	37.27 1.50 0.00	34.11 1.34 0.00	32.14 1.18 0.00	31.37 1.18 0.05	33.04 1.28 0.21	35.72 1.52 0.34	41.18 2.12 0.21	47.42 2.69 0.13	51.70 2.93 0.00	46.57 2.64 0.07	41.91 2.34 0.07	38.27 1.76 0.15	38.26 1.62 0.15	35.57 1.50 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.25 -2.58 0.08	34.07 -2.57 0.05	32.64 -2.46 0.05	32.67 -2.46 0.05	33.66 -2.58 0.05	35.83 -2.41 0.00	43.43 -3.09 0.26	46.42 -3.27 1.33	41.42 -3.26 0.00	32.72 -2.77 0.00	32.92 -2.79 0.05	30.21 -2.56 0.00	28.60 -2.35 0.01	27.46 -2.12 0.66	26.97 -2.24 2.76	27.74 -2.38 4.41	33.82 -2.71 2.74	40.06 -3.09 1.70	41.23 -3.36 4.18	38.23 -3.04 2.74	36.05 -2.70 0.89	32.10 -2.64 1.92	31.99 -2.80 2.00	31.51 -2.56 0.00
NEG CENTRAL___DRP 24199	36.99 -0.87 0.05	35.85 -0.81 0.03	34.36 -0.77 0.03	34.42 -0.74 0.03	35.57 -0.69 0.03	37.74 -0.50 0.00	45.98 -0.65 0.15	57.25 -0.51 -6.73	43.87 -0.80 0.00	34.78 -0.71 0.00	34.88 -0.86 0.03	31.98 -0.79 0.00	30.12 -0.84 0.01	28.78 -0.82 0.64	28.42 -0.86 2.69	29.38 -0.86 4.29	35.74 -0.86 2.66	42.43 -0.76 1.66	65.41 -0.73 -17.37	49.74 -0.70 -6.43	38.10 -0.67 0.87	34.02 -0.77 1.87	33.85 -0.99 1.95	33.22 -0.85 0.00
NEG CENTRAL___INDECK 23768	36.14 -1.71 0.07	35.00 -1.65 0.04	33.50 -1.62 0.04	33.60 -1.55 0.04	34.75 -1.49 0.04	37.05 -1.19 0.00	44.88 -1.68 0.22	50.42 -1.58 -0.98	42.93 -1.74 0.00	33.71 -1.77 0.00	33.75 -1.97 0.04	31.06 -1.71 0.00	29.41 -1.55 0.01	28.18 -1.48 0.58	27.96 -1.57 2.45	29.08 -1.55 3.91	35.39 -1.45 2.42	41.99 -1.34 1.52	49.09 -1.42 -1.74	42.60 -1.28 0.13	37.66 -1.19 0.79	34.77 -0.18 1.70	34.47 -0.55 1.77	33.70 -0.37 0.00

NEG CENTRAL___SENECA 23627	37.05 -0.80 0.06	36.03 -0.62 0.04	34.49 -0.63 0.04	34.59 -0.56 0.04	35.77 -0.47 0.04	37.93 -0.31 0.00	46.12 -0.47 0.19	61.38 -0.31 -10.66	44.05 -0.63 0.00	34.95 -0.53 0.00	35.01 -0.72 0.04	32.11 -0.66 0.00	30.28 -0.68 0.01	28.95 -0.67 0.63	28.62 -0.74 2.62	29.66 -0.69 4.19	35.97 -0.71 2.60	42.70 -0.54 1.62	76.11 -0.49 -27.83	54.42 -0.48 -10.90	38.28 -0.52 0.84	34.25 -0.59 1.82	34.05 -0.85 1.90	33.35 -0.72 0.00
NEG CENTRAL___STATE_STREET 24147	37.12 -0.76 0.04	35.90 -0.77 0.02	34.40 -0.74 0.02	34.46 -0.70 0.02	35.57 -0.69 0.02	37.78 -0.46 0.00	46.20 -0.47 0.11	52.89 -0.31 -2.17	44.10 -0.58 0.00	34.88 -0.60 0.00	34.99 -0.75 0.02	32.05 -0.72 0.00	30.18 -0.77 0.01	28.84 -0.76 0.64	28.48 -0.80 2.70	29.43 -0.79 4.31	35.85 -0.75 2.67	42.56 -0.63 1.67	53.35 -0.59 -5.16	44.68 -0.57 -1.24	38.21 -0.55 0.87	34.09 -0.70 1.87	33.99 -0.85 1.96	33.29 -0.78 0.00
NEG MILLWOOD___DRP 24198	40.26 2.35 0.00	38.86 2.16 0.00	37.16 2.00 0.00	37.23 2.04 0.00	38.32 2.03 0.00	40.65 2.41 0.00	50.24 3.46 0.00	56.87 4.13 -1.71	48.30 3.62 0.00	37.94 2.45 0.00	38.05 2.29 0.00	34.83 2.06 0.00	32.85 1.89 0.00	32.02 1.84 0.07	33.67 1.98 0.29	36.29 2.21 0.46	41.85 2.87 0.29	48.45 3.77 0.18	52.87 4.10 0.00	47.56 3.65 0.10	42.83 3.29 0.09	39.02 2.57 0.20	38.98 2.39 0.21	36.08 2.01 0.00
NEG NORTH_FLCN_SEA 23793	39.66 1.74 0.00	38.53 1.83 0.00	36.95 1.79 0.00	36.95 1.76 0.00	38.28 2.00 0.00	40.04 1.80 0.00	47.90 1.12 0.00	51.18 0.15 0.00	45.93 1.25 0.00	36.66 1.17 0.00	37.05 1.29 0.00	33.82 1.05 0.00	32.14 1.18 0.00	31.29 1.09 0.04	32.92 1.12 0.17	35.40 1.14 0.27	40.20 1.10 0.17	46.01 1.26 0.11	50.19 1.41 0.00	44.96 1.01 0.06	40.49 0.91 0.06	37.71 1.17 0.12	37.81 1.14 0.12	35.77 1.70 0.00
NEG NORTH_KES_CHATAGAY 23792	39.24 1.33 0.00	38.12 1.43 0.00	36.57 1.41 0.00	36.56 1.37 0.00	37.85 1.56 0.00	39.58 1.34 0.00	47.62 0.84 0.00	51.28 0.26 0.00	45.66 0.98 0.00	36.48 0.99 0.00	36.87 1.11 0.00	33.69 0.92 0.00	31.99 1.02 0.00	31.16 0.97 0.05	32.77 0.99 0.20	35.23 1.00 0.31	39.98 0.90 0.19	45.77 1.03 0.12	49.89 1.12 0.00	44.73 0.79 0.07	40.29 0.71 0.06	37.51 0.99 0.14	37.65 0.99 0.14	35.40 1.33 0.00
NEG NORTH___ALICE_FALLS 23915	39.73 1.82 0.00	38.60 1.91 0.00	37.02 1.86 0.00	37.02 1.83 0.00	38.35 2.07 0.00	40.15 1.91 0.00	48.18 1.40 0.00	51.69 0.66 0.00	46.20 1.52 0.00	36.87 1.38 0.00	37.23 1.47 0.00	33.95 1.18 0.00	32.30 1.33 0.00	31.44 1.24 0.04	33.04 1.25 0.18	35.57 1.31 0.28	40.39 1.30 0.17	46.32 1.57 0.11	50.53 1.76 0.00	45.22 1.28 0.06	40.73 1.15 0.06	37.89 1.36 0.12	37.99 1.32 0.13	35.81 1.74 0.00
NEG NORTH___LWR_SARANAC 23913	39.73 1.82 0.00	38.60 1.91 0.00	37.02 1.86 0.00	37.02 1.83 0.00	38.35 2.07 0.00	40.15 1.91 0.00	48.18 1.40 0.00	51.69 0.66 0.00	46.20 1.52 0.00	36.87 1.38 0.00	37.23 1.47 0.00	33.95 1.18 0.00	32.30 1.33 0.00	31.44 1.24 0.04	33.04 1.25 0.18	35.57 1.31 0.28	40.39 1.30 0.17	46.32 1.57 0.11	50.53 1.76 0.00	45.22 1.28 0.06	40.73 1.15 0.06	37.89 1.36 0.12	37.99 1.32 0.13	35.81 1.74 0.00
NEG NORTH___PLATTSBURG 23628	39.73 1.82 0.00	38.60 1.91 0.00	37.02 1.86 0.00	37.02 1.83 0.00	38.35 2.07 0.00	40.15 1.91 0.00	48.18 1.40 0.00	51.69 0.66 0.00	46.20 1.52 0.00	36.91 1.42 0.00	37.23 1.47 0.00	33.95 1.18 0.00	32.27 1.30 0.00	31.44 1.24 0.04	33.04 1.25 0.18	35.57 1.31 0.28	40.39 1.29 0.17	46.32 1.57 0.11	50.53 1.75 0.00	45.22 1.28 0.06	40.73 1.15 0.06	37.82 1.28 0.12	37.99 1.32 0.13	35.84 1.77 0.00
NEG WEST_LEA_LOCKPORT 23791	33.46 -4.36 0.09	32.56 -4.07 0.06	31.17 -3.94 0.06	31.23 -3.91 0.06	32.20 -4.03 0.06	34.38 -3.86 0.00	40.55 -5.94 0.29	43.62 -6.48 0.92	39.05 -5.63 0.00	31.09 -4.40 0.00	31.13 -4.58 0.06	28.90 -3.87 0.00	27.40 -3.56 0.01	26.34 -3.27 0.64	25.81 -3.49 2.68	26.43 -3.83 4.27	31.83 -4.79 2.65	37.44 -5.70 1.71	39.47 -6.24 3.06	36.05 -5.68 2.28	33.90 -4.88 0.86	30.11 -4.69 1.86	30.11 -4.75 1.94	29.95 -4.12 0.00
NEG WEST___LANCASTER 23811	32.83 -5.00 0.08	32.49 -4.15 0.05	30.78 -4.32 0.05	30.92 -4.22 0.05	32.79 -3.45 0.05	34.99 -3.25 0.00	40.10 -6.41 0.28	43.86 -6.58 0.59	40.03 -4.65 0.00	31.80 -3.69 0.00	31.78 -3.93 0.05	29.59 -3.18 0.00	28.05 -2.91 0.01	26.06 -3.57 0.62	25.49 -3.90 2.58	26.11 -4.32 4.11	31.53 -5.18 2.55	37.32 -5.88 1.66	40.04 -6.49 2.24	36.08 -6.03 1.90	33.62 -5.19 0.83	29.85 -5.02 1.79	29.74 -5.19 1.87	30.56 -3.51 0.00
NEG_PENN_ALLEGHNY 23528	37.50 -0.38 0.03	36.34 -0.33 0.02	34.79 -0.35 0.02	34.89 -0.28 0.02	36.01 -0.25 0.02	38.20 -0.04 0.00	46.54 -0.14 0.10	52.33 0.05 -1.25	44.54 -0.13 0.00	35.20 -0.29 0.00	35.35 -0.39 0.02	32.44 -0.33 0.00	30.65 -0.31 0.01	29.46 -0.36 0.42	29.83 -0.38 1.76	31.32 -0.41 2.81	37.21 -0.32 1.74	43.63 -0.13 1.09	50.43 -0.15 -1.81	44.02 -0.13 -0.15	38.95 -0.12 0.57	35.14 -0.29 1.22	35.04 -0.48 1.27	33.73 -0.34 0.00
NEG___GEN_MONROE 24207	35.36 -2.46 0.09	34.18 -2.46 0.06	32.89 -2.22 0.06	32.92 -2.22 0.06	33.87 -2.36 0.06	36.10 -2.14 0.00	43.36 -3.13 0.28	46.73 -3.37 0.93	41.37 -3.31 0.00	32.83 -2.66 0.00	32.92 -2.79 0.06	30.35 -2.43 0.00	28.73 -2.23 0.01	27.65 -1.94 0.66	27.18 -2.05 2.75	27.94 -2.21 4.39	33.95 -2.59 2.72	40.06 -3.10 1.70	42.44 -3.22 3.11	38.82 -2.90 2.29	36.25 -2.50 0.88	32.25 -2.49 1.91	32.15 -2.65 1.99	31.62 -2.45 0.00
NEPA___ENERGY 23901	33.93 -3.90 0.08	33.23 -3.41 0.05	31.70 -3.41 0.05	31.76 -3.38 0.05	33.08 -3.16 0.05	35.26 -2.98 0.00	41.45 -5.05 0.27	45.40 -5.05 0.57	40.43 -4.24 0.00	32.15 -3.34 0.00	32.24 -3.47 0.05	29.95 -2.82 0.00	28.39 -2.57 0.01	27.06 -2.57 0.61	26.56 -2.85 2.57	27.19 -3.25 4.10	32.72 -4.01 2.54	38.67 -4.53 1.66	41.44 -5.12 2.21	37.37 -4.75 1.88	34.81 -4.00 0.83	30.95 -3.92 1.78	30.85 -4.08 1.86	30.76 -3.30 0.00
NEVERSINK___HYD 23608	39.50 1.59 0.00	38.09 1.39 0.00	36.46 1.30 0.00	36.49 1.30 0.00	37.66 1.38 0.00	39.96 1.72 0.00	49.40 2.62 0.00	55.49 2.96 -1.51	47.13 2.46 0.00	36.98 1.49 0.00	37.05 1.29 0.00	33.89 1.11 0.00	31.06 0.09 0.00	30.22 0.06 0.08	31.78 0.13 0.32	34.26 0.24 0.52	39.62 0.67 0.32	45.96 1.30 0.20	50.23 1.46 0.00	45.26 1.37 0.11	41.83 2.30 0.10	38.19 1.76 0.23	38.10 1.55 0.23	35.26 1.19 0.00
NEWKRMKL_115KV_TB1 55635	39.05 1.14 0.00	37.68 0.99 0.00	36.18 1.02 0.00	36.21 1.02 0.00	37.26 0.98 0.00	39.58 1.34 0.00	48.75 1.96 0.00	55.29 2.19 -2.07	46.51 1.83 0.00	36.80 1.31 0.00	36.87 1.11 0.00	33.85 1.08 0.00	31.99 1.02 0.00	31.19 1.00 0.05	32.81 1.06 0.22	35.37 1.17 0.34	40.63 1.57 0.21	46.65 1.93 0.13	50.82 2.05 0.00	45.87 1.94 0.08	41.27 1.70 0.07	37.79 1.28 0.15	37.82 1.18 0.16	35.36 1.29 0.00

NEWTON___FALLS_HYD 23847	37.72 -0.19 0.00	36.54 -0.15 0.00	35.02 -0.14 0.00	35.01 -0.18 0.00	36.18 -0.11 0.00	37.93 -0.31 0.00	46.22 -0.56 0.00	50.41 -0.66 -0.05	44.19 -0.49 0.00	35.06 -0.43 0.00	35.26 -0.50 0.00	32.15 -0.62 0.00	30.56 -0.40 0.00	29.59 -0.45 0.20	30.70 -0.45 0.83	32.69 -0.52 1.33	37.86 -0.59 0.82	43.80 -0.54 0.51	48.33 -0.44 0.00	43.19 -0.53 0.29	38.81 -0.55 0.27	35.75 -0.33 0.58	35.75 -0.44 0.60	33.86 -0.20 0.00
NGRID_A1_DSASP 323792	33.01 -4.82 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.84 -4.29 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.27 -5.22 0.00	30.56 -5.15 0.06	28.28 -4.49 0.00	26.96 -3.99 0.01	26.01 -3.60 0.64	25.41 -3.87 2.69	26.03 -4.25 4.26	31.29 -5.34 2.64	36.63 -6.50 1.73	38.31 -7.32 3.15	35.26 -6.43 2.32	33.23 -5.55 0.86	29.53 -5.28 1.85	29.53 -5.34 1.93	29.64 -4.43 0.00
NGRID_A2_DSASP 323793	33.01 -4.82 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.84 -4.29 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.27 -5.22 0.00	30.56 -5.15 0.06	28.28 -4.49 0.00	26.96 -3.99 0.01	26.01 -3.60 0.64	25.41 -3.87 2.69	26.03 -4.25 4.26	31.29 -5.34 2.64	36.63 -6.50 1.73	38.31 -7.32 3.15	35.26 -6.43 2.32	33.23 -5.55 0.86	29.53 -5.28 1.85	29.53 -5.34 1.93	29.64 -4.43 0.00
NGRID_A4_DSASP 323807	33.01 -4.82 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.84 -4.29 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.27 -5.22 0.00	30.56 -5.15 0.06	28.28 -4.49 0.00	26.96 -3.99 0.01	26.01 -3.60 0.64	25.41 -3.87 2.69	26.03 -4.25 4.26	31.29 -5.34 2.64	36.63 -6.50 1.73	38.31 -7.32 3.15	35.26 -6.43 2.32	33.23 -5.55 0.86	29.53 -5.28 1.85	29.53 -5.34 1.93	29.64 -4.43 0.00
NIAGARA_115E_LBMP 323715	32.86 -4.97 0.09	32.01 -4.62 0.05	30.64 -4.47 0.05	30.74 -4.40 0.05	31.59 -4.64 0.05	33.73 -4.51 0.00	39.80 -6.69 0.29	42.67 -7.45 0.91	38.24 -6.43 0.00	30.30 -5.18 0.00	30.52 -5.19 0.05	28.28 -4.49 0.00	26.93 -4.03 0.01	25.88 -3.72 0.64	25.31 -4.00 2.66	25.90 -4.39 4.25	31.26 -5.38 2.64	36.72 -6.42 1.72	38.51 -7.22 3.04	35.40 -6.34 2.27	33.31 -5.47 0.86	29.60 -5.21 1.85	29.57 -5.30 1.93	29.67 -4.39 0.00
NIAGARA_115W_LBMP 323714	32.93 -4.89 0.09	32.05 -4.59 0.06	30.67 -4.43 0.06	30.77 -4.36 0.06	31.59 -4.64 0.06	33.69 -4.55 0.00	39.75 -6.74 0.30	42.50 -7.55 0.97	38.07 -6.61 0.00	30.20 -5.29 0.00	30.49 -5.22 0.06	28.22 -4.55 0.00	26.90 -4.06 0.01	25.94 -3.66 0.64	25.35 -3.93 2.69	25.96 -4.32 4.26	31.21 -5.42 2.64	36.54 -6.59 1.73	38.20 -7.41 3.16	35.17 -6.51 2.33	33.15 -5.63 0.86	29.45 -5.35 1.85	29.45 -5.41 1.93	29.57 -4.50 0.00
NIAGARA_230_LBMP 323716	33.43 -4.40 0.09	32.53 -4.11 0.06	31.13 -3.97 0.06	31.23 -3.91 0.06	32.09 -4.14 0.06	34.22 -4.01 0.00	40.44 -6.03 0.30	43.37 -6.63 1.02	38.78 -5.90 0.00	30.77 -4.72 0.00	31.06 -4.65 0.06	28.74 -4.03 0.00	27.40 -3.56 0.01	26.40 -3.21 0.64	25.85 -3.45 2.67	26.44 -3.83 4.27	31.79 -4.83 2.65	37.25 -5.87 1.74	38.92 -6.59 3.27	35.78 -5.85 2.38	33.74 -5.03 0.86	30.00 -4.80 1.86	30.00 -4.86 1.94	30.08 -3.99 0.00
NIAGARA___115KV_198_GIBSON 55903	32.97 -4.85 0.09	32.05 -4.59 0.06	30.67 -4.43 0.06	30.74 -4.40 0.06	31.59 -4.64 0.06	33.69 -4.55 0.00	39.74 -6.74 0.30	42.50 -7.55 0.97	38.06 -6.61 0.00	30.38 -5.11 0.00	30.49 -5.22 0.06	28.31 -4.46 0.00	26.87 -4.09 0.01	25.92 -3.69 0.64	25.35 -3.93 2.69	25.93 -4.35 4.26	31.17 -5.46 2.64	36.49 -6.64 1.73	38.30 -7.32 3.16	35.08 -6.60 2.33	33.11 -5.67 0.86	29.42 -5.39 1.85	29.49 -5.37 1.93	29.30 -4.77 0.00
NIAGARA____ 23760	33.43 -4.40 0.09	32.53 -4.11 0.06	31.13 -3.97 0.06	31.23 -3.91 0.06	32.09 -4.14 0.06	34.22 -4.01 0.00	40.45 -6.03 0.30	43.42 -6.63 0.97	38.78 -5.90 0.00	30.77 -4.72 0.00	31.06 -4.65 0.06	28.74 -4.03 0.00	27.40 -3.56 0.01	26.40 -3.21 0.64	25.85 -3.45 2.67	26.44 -3.83 4.26	31.80 -4.83 2.64	37.25 -5.87 1.73	39.01 -6.59 3.18	35.82 -5.85 2.33	33.74 -5.03 0.86	30.00 -4.80 1.85	30.00 -4.86 1.93	30.08 -3.99 0.00
NINE_MILE_1 23575	35.69 -1.78 0.44	34.66 -1.76 0.27	33.20 -1.69 0.27	33.23 -1.69 0.27	34.23 -1.78 0.27	36.52 -1.72 0.00	43.37 -2.06 1.35	48.98 -2.19 -0.14	42.53 -2.14 0.00	33.68 -1.81 0.00	33.67 -1.82 0.27	31.06 -1.71 0.00	29.31 -1.64 0.01	27.74 -1.60 0.89	26.54 -1.70 3.74	26.77 -1.80 5.97	33.61 -1.96 3.70	40.35 -2.20 2.31	46.41 -2.39 -0.02	40.59 -2.11 1.30	36.49 -1.94 1.20	32.23 -1.83 2.60	32.21 -1.88 2.71	32.33 -1.74 0.00
NINE_MILE_2 23744	35.69 -1.78 0.44	34.65 -1.76 0.28	33.20 -1.69 0.28	33.22 -1.69 0.28	34.23 -1.78 0.28	36.52 -1.72 0.00	43.35 -2.06 1.37	48.98 -2.19 -0.14	42.53 -2.14 0.00	33.71 -1.77 0.00	33.67 -1.82 0.28	31.06 -1.71 0.00	29.31 -1.64 0.01	27.74 -1.60 0.90	26.56 -1.66 3.75	26.75 -1.80 5.99	33.59 -1.96 3.71	40.34 -2.20 2.32	46.46 -2.34 -0.02	40.59 -2.11 1.31	36.49 -1.94 1.21	32.22 -1.83 2.60	32.20 -1.88 2.72	32.37 -1.70 0.00
NM_CAPITAL___DRP 24208	39.13 1.21 0.00	37.79 1.10 0.00	36.25 1.09 0.00	36.28 1.09 0.00	37.34 1.05 0.00	39.65 1.41 0.00	48.84 2.06 0.00	55.38 2.30 -2.06	46.64 1.97 0.00	36.87 1.38 0.00	36.95 1.18 0.00	33.92 1.15 0.00	32.05 1.08 0.00	31.28 1.09 0.05	32.88 1.12 0.22	35.44 1.24 0.35	40.70 1.65 0.21	46.74 2.02 0.13	50.92 2.15 0.00	45.96 2.02 0.08	41.35 1.78 0.07	37.86 1.36 0.15	37.93 1.29 0.16	35.40 1.33 0.00
NM_CENTRAL___DRP 24181	36.61 -1.25 0.05	35.38 -1.28 0.03	33.90 -1.23 0.03	33.96 -1.20 0.03	34.98 -1.27 0.03	37.13 -1.11 0.00	45.31 -1.31 0.16	50.11 -1.33 -0.41	43.25 -1.43 0.00	34.24 -1.24 0.00	34.37 -1.36 0.03	31.53 -1.25 0.00	29.72 -1.24 0.01	28.40 -1.21 0.63	28.09 -1.25 2.63	29.02 -1.31 4.20	35.29 -1.37 2.61	41.75 -1.48 1.63	47.83 -1.56 -0.62	41.94 -1.41 0.66	37.48 -1.31 0.85	33.51 -1.32 1.83	33.45 -1.43 1.91	32.74 -1.33 0.00
NM_FRONTIER___DRP 24179	32.97 -4.85 0.09	32.05 -4.59 0.06	30.67 -4.43 0.06	30.74 -4.40 0.06	31.59 -4.64 0.06	33.69 -4.55 0.00	39.74 -6.74 0.30	42.50 -7.55 0.97	38.06 -6.61 0.00	30.38 -5.11 0.00	30.49 -5.22 0.06	28.31 -4.46 0.00	26.87 -4.09 0.01	25.92 -3.69 0.64	25.35 -3.93 2.69	25.93 -4.35 4.26	31.17 -5.46 2.64	36.49 -6.64 1.73	38.30 -7.32 3.16	35.08 -6.60 2.33	33.11 -5.67 0.86	29.42 -5.39 1.85	29.49 -5.37 1.93	29.30 -4.77 0.00
NM_ST_REGIS___HYD 24053	38.14 0.23 0.00	37.02 0.33 0.00	35.51 0.35 0.00	35.51 0.32 0.00	36.72 0.44 0.00	38.24 0.00 0.00	46.27 -0.51 0.00	50.16 -0.87 0.00	44.36 -0.31 0.00	35.38 -0.11 0.00	35.76 0.00 0.00	32.61 -0.16 0.00	31.09 0.12 0.00	30.20 0.06 0.10	31.63 0.06 0.41	33.78 -0.10 0.65	38.51 -0.35 0.40	44.15 -0.45 0.25	48.33 -0.44 0.00	43.29 -0.57 0.14	38.99 -0.52 0.13	36.26 -0.11 0.28	36.39 -0.11 0.30	34.38 0.31 0.00

NORTHPORT___1 23551	43.55 3.14 -2.50	40.42 2.97 -0.76	38.54 2.81 -0.57	38.24 2.82 -0.23	39.88 2.90 -0.69	45.59 3.33 -4.02	57.79 4.63 -6.38	64.90 5.46 -8.41	57.66 4.78 -8.20	45.09 3.41 -6.19	44.38 3.29 -5.33	40.47 3.05 -4.65	35.57 2.88 -1.72	35.41 2.81 -2.36	37.30 3.00 -2.32	43.79 3.21 -6.04	49.65 4.05 -6.33	67.84 5.02 -17.96	67.92 5.32 -13.83	58.44 4.93 -9.51	51.82 4.36 -7.82	47.94 3.48 -7.80	43.85 3.38 -3.67	40.58 2.83 -3.68
NORTHPORT___2 23552	43.67 3.26 -2.50	40.57 3.12 -0.76	38.64 2.92 -0.57	38.38 2.96 -0.23	39.99 3.01 -0.69	45.63 3.37 -4.02	57.94 4.77 -6.38	64.95 5.51 -8.41	57.70 4.83 -8.20	45.12 3.44 -6.19	44.42 3.33 -5.33	40.54 3.11 -4.65	35.60 2.91 -1.72	35.47 2.87 -2.36	37.34 3.04 -2.32	43.86 3.28 -6.04	49.73 4.12 -6.33	67.88 5.07 -17.96	67.97 5.37 -13.83	58.49 4.97 -9.51	51.86 4.40 -7.82	47.92 3.52 -7.74	43.89 3.42 -3.67	40.65 2.89 -3.68
NORTHPORT___3 23553	42.95 2.54 -2.50	39.80 2.35 -0.76	37.94 2.22 -0.57	37.64 2.22 -0.23	39.26 2.29 -0.69	44.98 2.72 -4.02	56.72 3.55 -6.38	63.31 3.88 -8.41	56.67 3.80 -8.20	44.59 2.91 -6.19	43.88 2.79 -5.33	40.01 2.59 -4.65	35.11 2.42 -1.72	34.96 2.36 -2.36	36.79 2.50 -2.32	43.31 2.73 -6.04	48.82 3.22 -6.33	66.49 3.68 -17.96	66.51 3.90 -13.83	57.12 3.61 -9.51	50.67 3.21 -7.82	47.36 2.82 -7.88	43.30 2.83 -3.67	40.03 2.28 -3.68
NORTHPORT___4 23650	42.95 2.54 -2.50	39.80 2.35 -0.76	37.94 2.22 -0.57	37.64 2.22 -0.23	39.26 2.29 -0.69	44.98 2.72 -4.02	56.72 3.55 -6.38	63.31 3.88 -8.41	56.67 3.80 -8.20	44.59 2.91 -6.19	43.88 2.79 -5.33	40.01 2.59 -4.65	35.11 2.42 -1.72	34.96 2.36 -2.36	36.79 2.50 -2.32	43.31 2.73 -6.04	48.82 3.22 -6.33	66.49 3.68 -17.96	66.51 3.90 -13.83	57.12 3.61 -9.51	50.67 3.21 -7.82	47.36 2.82 -7.88	43.30 2.83 -3.67	40.03 2.28 -3.68
NORTHPORT___IC 23718	43.67 3.26 -2.50	40.57 3.12 -0.76	38.64 2.92 -0.57	38.38 2.96 -0.23	39.99 3.01 -0.69	45.63 3.37 -4.02	57.94 4.77 -6.38	64.95 5.51 -8.41	57.70 4.83 -8.20	45.12 3.44 -6.19	44.42 3.33 -5.33	40.54 3.11 -4.65	35.60 2.91 -1.72	35.47 2.87 -2.36	37.34 3.04 -2.32	43.86 3.28 -6.04	49.73 4.12 -6.33	67.88 5.07 -17.96	67.97 5.37 -13.83	58.49 4.97 -9.51	51.86 4.40 -7.82	47.92 3.52 -7.74	43.89 3.42 -3.67	40.65 2.89 -3.68
NORTH___COUNTRY_ESR 323785	39.09 1.18 0.00	37.98 1.28 0.00	36.42 1.26 0.00	36.46 1.26 0.00	37.70 1.41 0.00	39.43 1.19 0.00	47.44 0.65 0.00	51.08 0.05 0.00	45.48 0.81 0.00	36.34 0.85 0.00	36.76 1.00 0.00	33.56 0.79 0.00	31.89 0.93 0.00	31.04 0.85 0.05	32.64 0.86 0.20	35.12 0.90 0.31	39.82 0.74 0.19	45.54 0.81 0.12	49.65 0.88 0.00	44.55 0.62 0.07	40.09 0.51 0.06	37.33 0.81 0.14	37.53 0.88 0.14	35.29 1.22 0.00
NPX_GEN_1385_PROXY 323591	44.20 3.79 -2.50	41.38 3.93 -0.76	39.42 3.69 -0.57	39.29 3.87 -0.23	40.96 3.81 -0.86	45.68 3.59 -3.85	58.40 5.24 -6.38	65.30 5.87 -8.41	55.17 4.83 -5.66	47.66 3.44 -8.73	44.38 3.29 -5.33	40.57 3.15 -4.65	35.82 3.13 -1.72	35.68 3.09 -2.36	37.59 3.29 -2.32	45.06 3.32 -7.21	48.84 4.40 -5.17	68.01 5.20 -17.96	67.97 5.37 -13.83	58.53 5.01 -9.51	51.16 4.56 -6.97	48.77 3.52 -8.60	44.00 3.53 -3.67	40.88 3.13 -3.68
NPX_GEN_CSC 323557	44.01 3.60 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.45 3.30 -0.86	45.95 3.86 -3.85	58.59 5.42 -6.38	65.87 6.43 -8.41	55.88 5.54 -5.66	48.01 3.80 -8.73	44.85 3.75 -5.33	40.86 3.44 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	45.40 3.66 -7.21	49.07 4.63 -5.17	68.64 5.83 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	51.68 5.07 -6.97	49.47 4.10 -8.71	44.37 3.90 -3.67	41.02 3.27 -3.68
NSINS_S_GLNS_FALLS 23858	39.16 1.25 0.00	37.79 1.10 0.00	36.21 1.05 0.00	36.25 1.06 0.00	37.41 1.12 0.00	39.84 1.61 0.00	49.17 2.39 0.00	55.85 2.70 -2.12	46.73 2.06 0.00	36.66 1.17 0.00	36.69 0.93 0.00	33.49 0.72 0.00	31.55 0.59 0.00	30.80 0.60 0.05	32.43 0.67 0.21	35.13 0.93 0.34	40.71 1.65 0.21	46.88 2.15 0.13	51.16 2.39 0.00	46.09 2.16 0.07	41.43 1.86 0.07	37.76 1.25 0.15	37.71 1.07 0.15	35.02 0.95 0.00
NUCOR_STEEL___DRP 24197	37.20 -0.68 0.03	35.97 -0.70 0.02	34.47 -0.67 0.02	34.54 -0.63 0.02	35.61 -0.65 0.02	37.78 -0.46 0.00	46.16 -0.51 0.10	51.79 -0.46 -1.22	43.96 -0.71 0.00	34.78 -0.71 0.00	34.89 -0.86 0.02	31.98 -0.79 0.00	30.12 -0.84 0.01	28.77 -0.82 0.65	28.38 -0.86 2.73	29.32 -0.86 4.35	35.78 -0.79 2.70	42.45 -0.72 1.68	50.68 -0.73 -2.64	43.51 -0.66 -0.16	38.13 -0.63 0.88	34.03 -0.73 1.89	33.94 -0.88 1.98	33.29 -0.78 0.00
NUMBER_THREE_WT_PWR 323818	38.24 0.34 0.01	36.98 0.29 0.01	35.43 0.28 0.01	35.46 0.28 0.01	36.60 0.33 0.01	38.70 0.46 0.00	47.36 0.61 0.03	51.91 0.81 -0.07	45.26 0.58 0.00	35.70 0.21 0.00	35.79 0.04 0.01	32.64 -0.13 0.00	30.87 -0.09 0.00	29.83 -0.15 0.26	30.83 -0.06 1.08	32.84 0.03 1.73	38.47 0.28 1.07	44.77 0.58 0.67	49.55 0.78 0.00	44.24 0.62 0.38	39.77 0.48 0.35	36.27 0.37 0.75	36.20 0.18 0.78	34.24 0.17 0.00
NYISO_LBMP_REFERENCE 24008	37.91 0.00 0.00	36.69 0.00 0.00	35.16 0.00 0.00	35.19 0.00 0.00	36.29 0.00 0.00	38.24 0.00 0.00	46.78 0.00 0.00	51.02 0.00 0.00	44.68 0.00 0.00	35.49 0.00 0.00	35.76 0.00 0.00	32.77 0.00 0.00	30.97 0.00 0.00	30.24 0.00 0.00	31.97 0.00 0.00	34.54 0.00 0.00	39.27 0.00 0.00	44.86 0.00 0.00	48.77 0.00 0.00	44.01 0.00 0.00	39.64 0.00 0.00	36.66 0.00 0.00	36.79 0.00 0.00	34.07 0.00 0.00
NYPA_BRENTWD___GT 24164	43.89 3.49 -2.50	40.71 3.26 -0.76	38.82 3.09 -0.57	38.52 3.10 -0.23	40.17 3.19 -0.69	45.93 3.67 -4.02	58.35 5.19 -6.38	65.51 6.07 -8.41	58.19 5.31 -8.20	45.41 3.73 -6.19	44.74 3.65 -5.33	40.80 3.38 -4.65	35.82 3.13 -1.72	35.68 3.09 -2.36	37.56 3.26 -2.32	44.14 3.56 -6.04	50.08 4.48 -6.33	68.37 5.56 -17.96	68.55 5.95 -13.83	59.02 5.50 -9.51	52.29 4.83 -7.82	48.40 3.88 -7.86	44.18 3.71 -3.67	40.88 3.13 -3.68
NYPA_GOWANUS___GT5 24156	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00
NYPA_GOWANUS___GT6 24157	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.69 0.00	57.13 4.44 -1.67	51.12 4.02 -2.42	46.52 2.87 -8.16	46.05 2.72 -7.57	44.10 2.52 -8.80	43.31 2.35 -9.99	41.82 2.30 -9.28	43.47 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.64 -0.02	48.10 4.18 0.09	44.41 3.64 -1.13	45.75 2.78 -6.31	39.43 2.83 0.20	36.35 2.28 0.00

NYPA_HARLEM__RVR__GT1 24160	40.49 2.58 0.00	38.97 2.28 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.43 2.14 0.00	40.72 2.48 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	53.02 3.88 -4.46	39.33 2.77 -1.08	39.34 2.58 -1.00	51.43 2.42 -16.24	34.54 2.26 -1.32	33.64 2.24 -1.16	35.25 2.33 -0.94	37.23 2.49 -0.21	42.63 3.14 -0.21	49.05 4.04 -0.15	53.02 4.24 -0.01	47.83 3.92 0.10	43.14 3.45 -0.06	47.20 2.60 -7.94	39.16 2.57 0.21	36.25 2.18 0.00
NYPA_HARLEM__RVR__GT2 24161	40.49 2.58 0.00	38.97 2.28 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.43 2.14 0.00	40.72 2.48 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	53.02 3.88 -4.46	39.33 2.77 -1.08	39.34 2.58 -1.00	51.43 2.42 -16.24	34.54 2.26 -1.32	33.64 2.24 -1.16	35.25 2.33 -0.94	37.23 2.49 -0.21	42.63 3.14 -0.21	49.05 4.04 -0.15	53.02 4.24 -0.01	47.83 3.92 0.10	43.14 3.45 -0.06	47.20 2.60 -7.94	39.16 2.57 0.21	36.25 2.18 0.00
NYPA_KENT____GT 24152	40.49 2.58 0.00	39.00 2.31 0.00	37.27 2.11 0.00	37.27 2.08 0.00	38.46 2.18 0.00	40.80 2.56 0.00	50.43 3.65 0.00	57.08 4.39 -1.67	51.07 3.97 -2.42	46.49 2.84 -8.16	46.01 2.68 -7.57	44.06 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.44 2.40 -9.07	41.78 2.56 -4.69	46.12 3.26 -3.59	51.48 4.22 -2.41	53.33 4.54 -0.02	48.01 4.09 0.09	44.33 3.57 -1.13	45.77 2.71 -6.40	39.36 2.76 0.20	36.32 2.25 0.00
NYPA_POUCH1____GT 24155	40.49 2.58 0.00	38.97 2.28 0.00	37.23 2.07 0.00	37.23 2.04 0.00	38.43 2.14 0.00	40.72 2.48 0.00	50.29 3.51 0.00	56.93 4.23 -1.67	50.94 3.84 -2.42	46.38 2.70 -8.20	45.90 2.54 -7.60	43.98 2.36 -8.85	43.21 2.20 -10.05	41.72 2.15 -9.33	43.36 2.27 -9.11	41.64 2.42 -4.69	45.96 3.10 -3.59	51.44 4.17 -2.41	53.27 4.48 -0.02	47.92 4.00 0.09	44.25 3.49 -1.13	45.63 2.67 -6.30	39.32 2.72 0.20	36.28 2.21 0.00
NYPA_VERNON____GT2 24162	40.41 2.50 0.00	38.93 2.24 0.00	37.23 2.07 0.00	37.23 2.04 0.00	38.43 2.14 0.00	40.76 2.52 0.00	50.38 3.60 0.00	57.03 4.33 -1.67	51.03 3.93 -2.42	46.49 2.84 -8.16	45.98 2.65 -7.57	44.03 2.46 -8.80	43.28 2.32 -9.99	41.79 2.27 -9.28	43.44 2.40 -9.07	41.78 2.56 -4.69	46.04 3.18 -3.59	51.39 4.12 -2.41	53.18 4.39 -0.02	47.92 4.00 0.09	44.25 3.49 -1.13	45.78 2.64 -6.49	39.28 2.68 0.20	36.25 2.18 0.00
NYPA_VERNON____GT3 24163	40.41 2.50 0.00	38.93 2.24 0.00	37.23 2.07 0.00	37.23 2.04 0.00	38.43 2.14 0.00	40.76 2.52 0.00	50.38 3.60 0.00	57.03 4.33 -1.67	51.03 3.93 -2.42	46.49 2.84 -8.16	45.98 2.65 -7.57	44.03 2.46 -8.80	43.28 2.32 -9.99	41.79 2.27 -9.28	43.44 2.40 -9.07	41.78 2.56 -4.69	46.04 3.18 -3.59	51.39 4.12 -2.41	53.18 4.39 -0.02	47.92 4.00 0.09	44.25 3.49 -1.13	45.78 2.64 -6.49	39.28 2.68 0.20	36.25 2.18 0.00
NYPA__ASTORIA_CC1 323568	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.23 2.04 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.42 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.88 3.96 0.09	44.21 3.45 -1.13	46.35 2.60 -7.09	39.25 2.65 0.20	36.25 2.18 0.00
NYPA__ASTORIA_CC2 323569	40.41 2.50 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.23 2.04 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.00 2.42 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.88 3.96 0.09	44.21 3.45 -1.13	46.35 2.60 -7.09	39.25 2.65 0.20	36.25 2.18 0.00
NYPA__HOLTSVILL 23794	43.75 3.34 -2.50	40.57 3.12 -0.76	38.68 2.95 -0.57	38.38 2.96 -0.23	40.02 3.05 -0.69	45.78 3.52 -4.02	58.17 5.01 -6.38	65.30 5.87 -8.41	57.97 5.09 -8.20	45.23 3.55 -6.19	44.60 3.51 -5.33	40.64 3.21 -4.65	35.66 2.97 -1.72	35.53 2.93 -2.36	37.43 3.14 -2.32	44.00 3.42 -6.04	49.88 4.28 -6.33	68.19 5.38 -17.96	68.36 5.75 -13.83	58.84 5.32 -9.51	52.14 4.67 -7.82	48.25 3.74 -7.85	44.04 3.57 -3.67	40.75 3.00 -3.68
NYPA__HELLGATE_GT1 24158	40.49 2.58 0.00	38.97 2.28 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.43 2.14 0.00	40.72 2.48 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	53.32 3.88 -0.31	52.31 2.77 -15.06	36.36 2.42 -13.96	51.67 2.26 -1.16	49.70 2.24 -18.45	51.30 2.33 -17.22	46.11 2.49 -16.99	49.28 3.14 -9.08	53.50 4.04 -6.87	53.02 4.24 -4.60	47.83 3.92 -0.01	45.24 3.45 0.10	47.20 2.60 -2.15	39.16 2.57 -7.94	36.25 2.18 0.00	
NYPA__HELLGATE_GT2 24159	40.49 2.58 0.00	38.97 2.28 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.43 2.14 0.00	40.72 2.48 0.00	50.24 3.46 0.00	56.88 4.18 -1.67	53.32 3.88 -0.31	52.31 2.77 -15.06	36.36 2.42 -13.96	51.67 2.26 -1.16	49.70 2.24 -18.45	51.30 2.33 -17.22	46.11 2.49 -16.99	49.28 3.14 -9.08	53.50 4.04 -6.87	53.02 4.24 -4.60	47.83 3.92 0.10	45.24 3.45 -2.15	47.20 2.60 -7.94	39.16 2.57 0.21	36.25 2.18 0.00	
NYS_BARGE__HYD 23848	33.46 -4.36 0.09	32.56 -4.07 0.06	31.17 -3.94 0.06	31.30 -3.83 0.06	32.17 -4.06 0.06	34.38 -3.86 0.00	40.59 -5.90 0.29	43.63 -6.48 0.92	39.05 -5.63 0.00	30.91 -4.58 0.00	31.13 -4.58 0.06	28.80 -3.97 0.00	27.43 -3.53 0.01	26.34 -3.27 0.64	25.81 -3.48 2.68	26.43 -3.83 4.27	31.87 -4.75 2.65	37.49 -5.65 1.71	39.38 -6.34 3.05	36.14 -5.59 2.27	33.94 -4.84 0.86	30.14 -4.66 1.86	30.11 -4.75 1.94	30.18 -3.88 0.00
OAK_ORCHARD__HYD 24046	35.39 -2.43 0.09	34.25 -2.38 0.06	32.82 -2.28 0.06	32.81 -2.32 0.06	33.80 -2.43 0.06	35.95 -2.29 0.00	43.46 -3.04 0.28	46.88 -3.21 0.93	41.46 -3.22 0.00	32.79 -2.70 0.00	33.02 -2.68 0.06	30.38 -2.39 0.00	28.79 -2.17 0.01	27.71 -1.88 0.66	27.24 -1.98 2.75	28.00 -2.14 4.40	34.03 -2.51 2.73	40.15 -3.00 1.70	42.39 -3.27 3.12	38.77 -2.95 2.29	36.21 -2.54 0.89	32.25 -2.49 1.91	32.19 -2.61 2.00	31.72 -2.35 0.00
OAKDALE__35_KV_LOAD 356122	37.46 -0.42 0.03	36.31 -0.37 0.02	34.72 -0.42 0.02	34.78 -0.39 0.02	35.98 -0.29 0.02	38.12 -0.11 0.00	46.45 -0.23 0.10	52.23 -0.05 -1.25	44.50 -0.18 0.00	35.20 -0.28 0.00	35.32 -0.43 0.02	32.44 -0.33 0.00	30.62 -0.34 0.01	29.46 -0.36 0.42	29.81 -0.42 1.75	31.33 -0.41 2.79	37.18 -0.35 1.73	43.59 -0.18 1.09	50.35 -0.24 -1.82	43.94 -0.22 -0.15	38.88 -0.20 0.56	35.07 -0.37 1.22	35.01 -0.52 1.27	33.69 -0.37 0.00
OCC_CHEM__DRP 24175	33.05 -4.78 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.81 -4.33 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.45 -5.04 0.00	30.56 -5.15 0.06	28.38 -4.39 0.00	26.93 -4.03 0.01	25.98 -3.63 0.64	25.41 -3.87 2.69	26.00 -4.28 4.26	31.25 -5.38 2.64	36.58 -6.55 1.73	38.41 -7.22 3.15	35.22 -6.47 2.32	33.19 -5.59 0.86	29.53 -5.28 1.85	29.56 -5.30 1.93	29.37 -4.70 0.00

OH_GEN_PROXY 24063	33.50 -4.32 0.09	32.60 -4.04 0.06	31.20 -3.90 0.06	31.30 -3.83 0.06	32.34 -4.06 -0.12	34.13 -3.94 0.17	40.54 -5.94 0.30	43.53 -6.48 1.01	36.38 -5.76 2.53	33.41 -4.61 -2.53	31.17 -4.54 0.06	28.87 -3.90 0.00	27.49 -3.47 0.01	26.49 -3.11 0.64	25.95 -3.36 2.67	27.71 -3.73 3.10	30.79 -4.67 3.81	37.38 -5.74 1.73	39.08 -6.44 3.25	35.96 -5.68 2.37	33.01 -4.92 1.71	31.00 -4.66 1.00	30.11 -4.75 1.93	30.15 -3.92 0.00
OLIN_CORP_DRP 24177	32.93 -4.89 0.09	32.05 -4.59 0.05	30.67 -4.43 0.05	30.70 -4.43 0.05	31.66 -4.57 0.05	33.80 -4.44 0.00	39.84 -6.64 0.29	42.79 -7.35 0.89	38.33 -6.34 0.00	30.55 -4.93 0.00	30.60 -5.11 0.05	28.41 -4.36 0.00	26.93 -4.03 0.01	25.89 -3.72 0.63	25.35 -3.96 2.66	25.94 -4.35 4.24	31.26 -5.38 2.63	36.82 -6.32 1.71	38.78 -6.97 3.02	35.46 -6.29 2.26	33.35 -5.43 0.85	29.64 -5.17 1.85	29.68 -5.19 1.93	29.50 -4.57 0.00
OLIN_CORP_DSASP 323712	33.01 -4.82 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.84 -4.29 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.27 -5.22 0.00	30.56 -5.15 0.06	28.28 -4.49 0.00	26.96 -3.99 0.01	26.01 -3.60 0.64	25.41 -3.87 2.69	26.03 -4.25 4.26	31.29 -5.34 2.64	36.63 -6.50 1.73	38.31 -7.32 3.15	35.26 -6.43 2.32	33.23 -5.55 0.86	29.53 -5.28 1.85	29.53 -5.34 1.93	29.64 -4.43 0.00
ONEIDA_HERK_LFGE 323681	38.70 0.80 0.01	37.42 0.73 0.01	35.85 0.70 0.01	35.89 0.70 0.01	37.04 0.76 0.01	39.19 0.96 0.00	48.05 1.31 0.04	52.61 1.53 -0.06	45.93 1.25 0.00	36.23 0.75 0.00	36.33 0.57 0.01	33.16 0.39 0.00	31.37 0.40 0.00	30.37 0.33 0.20	31.54 0.41 0.85	33.74 0.55 1.35	39.26 0.83 0.84	45.54 1.21 0.52	50.19 1.42 0.00	44.94 1.23 0.30	40.39 1.03 0.27	36.91 0.84 0.59	36.88 0.70 0.61	34.68 0.61 0.00
ONEIDA___115KV_TB4 55905	38.76 0.87 0.03	37.48 0.81 0.02	35.92 0.77 0.02	35.95 0.77 0.02	37.14 0.87 0.02	39.42 1.19 0.00	48.29 1.59 0.08	52.97 1.84 -0.11	46.11 1.43 0.00	36.37 0.89 0.00	36.46 0.72 0.02	33.33 0.56 0.00	31.46 0.50 0.00	30.32 0.42 0.34	31.05 0.51 1.43	32.90 0.66 2.29	38.79 0.94 1.42	45.27 1.30 0.89	50.28 1.51 0.00	44.78 1.28 0.50	40.28 1.11 0.46	36.54 0.88 1.00	36.45 0.70 1.04	34.68 0.61 0.00
ONONDAGA_REF_OCCRA 23987	36.92 -0.95 0.05	35.67 -0.99 0.03	34.18 -0.95 0.03	34.25 -0.91 0.03	35.31 -0.94 0.03	37.44 -0.80 0.00	45.71 -0.94 0.14	50.80 -0.87 -0.64	43.65 -1.03 0.00	34.56 -0.92 0.00	34.70 -1.04 0.03	31.79 -0.98 0.00	29.97 -0.99 0.01	28.65 -1.02 0.63	28.32 -1.04 2.63	29.30 -1.02 4.20	35.64 -1.02 2.60	42.20 -1.03 1.62	48.84 -1.07 -1.14	42.60 -0.97 0.44	37.84 -0.95 0.85	33.84 -0.99 1.83	33.79 -1.10 1.91	33.05 -1.02 0.00
ONONDAGA___COGEN 23986	36.97 -0.91 0.03	35.76 -0.92 0.02	34.23 -0.91 0.02	34.29 -0.88 0.02	35.32 -0.94 0.02	37.44 -0.80 0.00	45.75 -0.94 0.09	51.12 -0.92 -1.01	43.60 -1.07 0.00	34.53 -0.96 0.00	34.67 -1.07 0.02	31.75 -1.02 0.00	29.90 -1.05 0.01	28.55 -1.03 0.67	28.10 -1.09 2.79	28.98 -1.11 4.45	35.41 -1.10 2.76	42.01 -1.12 1.72	49.77 -1.17 -2.17	42.89 -1.06 0.06	37.75 -0.99 0.90	33.69 -1.03 1.94	33.63 -1.14 2.02	33.05 -1.02 0.00
ONTARIO___LFGE 23819	37.05 -0.80 0.06	36.03 -0.62 0.04	34.49 -0.63 0.04	34.62 -0.53 0.04	35.77 -0.47 0.04	37.93 -0.31 0.00	46.12 -0.47 0.19	61.38 -0.30 -10.66	44.05 -0.63 0.00	34.88 -0.60 0.00	34.94 -0.79 0.04	32.05 -0.72 0.00	30.25 -0.71 0.01	28.92 -0.69 0.63	28.58 -0.77 2.62	29.59 -0.76 4.19	35.93 -0.75 2.60	42.65 -0.58 1.62	76.02 -0.58 -27.83	54.38 -0.53 -10.90	38.24 -0.55 0.84	34.18 -0.66 1.82	34.01 -0.88 1.90	33.42 -0.65 0.00
ORANGEVILLE_WT_PWR 323706	33.66 -4.17 0.09	32.82 -3.82 0.05	31.41 -3.69 0.05	31.62 -3.52 0.05	32.53 -3.70 0.05	34.72 -3.52 0.00	40.83 -5.66 0.29	44.15 -6.02 0.86	39.54 -5.14 0.00	31.33 -4.15 0.00	31.49 -4.22 0.05	29.20 -3.57 0.00	27.80 -3.16 0.01	26.59 -3.02 0.63	26.04 -3.29 2.64	26.70 -3.63 4.22	32.14 -4.51 2.62	37.81 -5.34 1.71	39.89 -6.00 2.89	36.44 -5.37 2.20	34.19 -4.60 0.85	30.35 -4.47 1.83	30.28 -4.60 1.91	30.49 -3.58 0.00
ORANGEVILLE___ESR 323794	33.66 -4.17 0.09	32.82 -3.82 0.05	31.41 -3.69 0.05	31.62 -3.52 0.05	32.53 -3.70 0.05	34.72 -3.52 0.00	40.83 -5.66 0.29	44.15 -6.02 0.86	39.54 -5.14 0.00	31.33 -4.15 0.00	31.49 -4.22 0.05	29.20 -3.57 0.00	27.80 -3.16 0.01	26.59 -3.02 0.63	26.04 -3.29 2.64	26.70 -3.63 4.22	32.14 -4.51 2.62	37.81 -5.34 1.71	39.89 -6.00 2.89	36.44 -5.37 2.20	34.19 -4.60 0.85	30.35 -4.47 1.83	30.28 -4.60 1.91	30.49 -3.58 0.00
OSWEGATCHIE___HYD 24044	37.72 -0.19 0.00	36.55 -0.15 0.00	35.02 -0.14 0.00	35.02 -0.18 0.00	36.18 -0.11 0.00	37.93 -0.31 0.00	46.22 -0.56 0.00	50.41 -0.66 -0.05	44.19 -0.49 0.00	35.06 -0.42 0.00	35.30 -0.47 0.00	32.15 -0.62 0.00	30.53 -0.43 0.00	29.59 -0.45 0.20	30.70 -0.45 0.83	32.69 -0.52 1.33	37.86 -0.59 0.82	43.81 -0.54 0.51	48.33 -0.44 0.00	43.19 -0.53 0.29	38.81 -0.55 0.27	35.71 -0.37 0.58	35.75 -0.44 0.60	33.87 -0.20 0.00
OSWEGO___5 23606	36.53 -1.52 -0.13	35.27 -1.51 -0.08	33.80 -1.44 -0.08	33.87 -1.41 -0.08	34.88 -1.49 -0.08	36.79 -1.45 0.00	45.47 -1.73 -0.42	49.34 -1.83 -0.15	42.84 -1.83 0.00	33.93 -1.56 0.00	34.24 -1.61 -0.08	31.26 -1.51 0.00	29.47 -1.49 0.01	27.98 -1.45 0.81	27.04 -1.53 3.40	27.48 -1.62 5.44	34.13 -1.77 3.37	40.83 -1.93 2.10	46.68 -2.10 0.00	40.92 -1.89 1.20	36.84 -1.70 1.10	32.64 -1.65 2.36	32.67 -1.66 2.47	32.57 -1.50 0.00
OSWEGO___6 23613	36.53 -1.52 -0.13	35.27 -1.51 -0.08	33.80 -1.44 -0.08	33.87 -1.41 -0.08	34.88 -1.49 -0.08	36.79 -1.45 0.00	45.47 -1.73 -0.42	49.34 -1.83 -0.15	42.84 -1.83 0.00	33.93 -1.56 0.00	34.24 -1.61 -0.08	31.26 -1.51 0.00	29.47 -1.49 0.01	27.98 -1.45 0.81	27.04 -1.53 3.40	27.48 -1.62 5.44	34.13 -1.77 3.37	40.83 -1.93 2.10	46.68 -2.10 0.00	40.92 -1.89 1.20	36.84 -1.70 1.10	32.64 -1.65 2.36	32.67 -1.66 2.47	32.57 -1.50 0.00
OUTOKUMPU-AB___DRP 24206	33.65 -4.17 0.09	32.78 -3.85 0.05	31.34 -3.76 0.05	31.41 -3.73 0.05	32.42 -3.81 0.05	34.61 -3.63 0.00	40.78 -5.71 0.29	43.91 -6.23 0.89	39.32 -5.36 0.00	31.30 -4.19 0.00	31.35 -4.36 0.05	29.10 -3.67 0.00	27.58 -3.38 0.01	26.46 -3.15 0.63	25.95 -3.36 2.67	26.60 -3.70 4.24	32.04 -4.59 2.63	37.67 -5.47 1.71	39.75 -6.05 2.98	36.27 -5.50 2.24	34.11 -4.68 0.85	30.27 -4.55 1.84	30.23 -4.64 1.92	30.08 -3.99 0.00
OXBOW___BTM 323836	33.35 -4.47 0.09	32.49 -4.15 0.05	31.10 -4.01 0.05	31.19 -3.94 0.05	32.06 -4.17 0.05	34.22 -4.01 0.00	40.36 -6.13 0.30	43.36 -6.74 0.93	38.78 -5.90 0.00	30.73 -4.75 0.00	30.95 -4.76 0.05	28.67 -4.10 0.00	27.30 -3.65 0.01	26.28 -3.33 0.64	25.71 -3.58 2.68	26.35 -3.94 4.25	31.72 -4.91 2.64	37.22 -5.92 1.72	39.03 -6.68 3.06	35.83 -5.90 2.28	33.71 -5.07 0.86	29.97 -4.84 1.85	29.94 -4.93 1.93	30.01 -4.05 0.00

OXBOW____ 24026	33.39 -4.44 0.09	32.49 -4.15 0.05	31.06 -4.04 0.05	31.12 -4.01 0.05	32.06 -4.17 0.05	34.22 -4.02 0.00	40.36 -6.13 0.30	43.36 -6.74 0.93	38.78 -5.90 0.00	30.91 -4.58 0.00	30.99 -4.72 0.05	28.74 -4.03 0.00	27.27 -3.69 0.01	26.25 -3.36 0.64	25.68 -3.61 2.68	26.32 -3.97 4.25	31.69 -4.95 2.64	37.17 -5.97 1.72	39.13 -6.58 3.06	35.79 -5.94 2.28	33.67 -5.11 0.86	29.93 -4.88 1.85	29.94 -4.93 1.93	29.74 -4.33 0.00
OXY_CHEM_DSASP 323612	33.05 -4.78 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.81 -4.33 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.45 -5.04 0.00	30.56 -5.15 0.06	28.38 -4.39 0.00	26.93 -4.03 0.01	25.98 -3.63 0.64	25.41 -3.87 2.69	26.00 -4.28 4.26	31.25 -5.38 2.64	36.58 -6.55 1.73	38.41 -7.22 3.15	35.22 -6.47 2.32	33.19 -5.59 0.86	29.53 -5.28 1.85	29.56 -5.30 1.93	29.37 -4.70 0.00
OZONE_PARK_ESR 323760	40.53 2.62 0.00	39.04 2.35 0.00	37.34 2.18 0.00	37.34 2.15 0.00	38.53 2.25 0.00	40.95 2.71 0.00	50.66 3.88 0.00	57.34 4.64 -1.67	51.27 4.20 -2.40	46.61 3.05 -8.07	46.15 2.90 -7.49	44.20 2.72 -8.71	43.39 2.54 -9.89	41.93 2.51 -9.18	43.57 2.62 -8.97	42.00 2.83 -4.63	46.31 3.50 -3.55	51.59 4.35 -2.38	53.47 4.68 -0.02	48.14 4.22 0.09	44.60 3.84 -1.11	45.61 2.90 -6.05	39.54 2.94 0.20	36.45 2.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.05 -4.78 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.81 -4.33 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.45 -5.04 0.00	30.56 -5.15 0.06	28.38 -4.39 0.00	26.93 -4.03 0.01	25.98 -3.63 0.64	25.41 -3.87 2.69	26.00 -4.28 4.26	31.25 -5.38 2.64	36.58 -6.55 1.73	38.41 -7.22 3.15	35.22 -6.47 2.32	33.19 -5.59 0.86	29.53 -5.28 1.85	29.56 -5.30 1.93	29.37 -4.70 0.00
PACKARD__115KV_DUPONT_184 80571	33.05 -4.78 0.09	32.12 -4.51 0.06	30.74 -4.36 0.06	30.81 -4.33 0.06	31.66 -4.57 0.06	33.76 -4.47 0.00	39.84 -6.64 0.30	42.66 -7.40 0.97	38.15 -6.52 0.00	30.45 -5.04 0.00	30.56 -5.15 0.06	28.38 -4.39 0.00	26.93 -4.03 0.01	25.98 -3.63 0.64	25.41 -3.87 2.69	26.00 -4.28 4.26	31.25 -5.38 2.64	36.58 -6.55 1.73	38.41 -7.22 3.15	35.22 -6.47 2.32	33.19 -5.59 0.86	29.53 -5.28 1.85	29.56 -5.30 1.93	29.37 -4.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.45 2.54 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.01 0.00	38.39 2.10 0.00	40.69 2.45 0.00	50.20 3.41 0.00	56.83 4.13 -1.67	48.48 3.71 -0.10	38.46 2.63 -0.35	38.52 2.43 -0.32	35.41 2.26 -0.38	33.50 2.11 -0.43	32.66 2.09 -0.33	34.29 2.21 -0.11	36.63 2.35 0.25	42.08 2.95 0.13	48.64 3.86 0.08	52.89 4.10 -0.02	47.62 3.70 0.09	42.84 3.25 0.05	47.07 2.38 -8.03	39.06 2.47 0.20	36.25 2.18 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.87 2.96 0.00	39.33 2.64 0.00	37.59 2.43 0.00	37.58 2.39 0.00	38.79 2.50 0.00	41.14 2.91 0.00	50.71 3.93 0.00	57.39 4.69 -1.67	48.98 4.20 -0.10	38.82 2.98 -0.35	38.88 2.79 -0.32	35.74 2.59 -0.38	33.81 2.42 -0.43	32.96 2.39 -0.33	34.61 2.53 -0.11	36.94 2.66 0.25	42.48 3.34 0.13	49.13 4.35 0.08	53.42 4.63 -0.02	48.06 4.14 0.09	43.27 3.69 0.05	47.44 2.75 -8.03	39.47 2.87 0.20	36.59 2.52 0.00
PATROON__115KV_TB1 80586	39.13 1.21 0.00	37.79 1.10 0.00	36.25 1.09 0.00	36.28 1.09 0.00	37.37 1.09 0.00	39.65 1.41 0.00	48.84 2.06 0.00	55.39 2.30 -2.07	46.64 1.97 0.00	36.91 1.42 0.00	36.95 1.18 0.00	33.92 1.15 0.00	32.02 1.05 0.00	31.25 1.06 0.05	32.88 1.12 0.22	35.47 1.28 0.34	40.71 1.65 0.21	46.74 2.02 0.13	50.97 2.19 0.00	45.96 2.02 0.08	41.35 1.78 0.07	37.86 1.36 0.15	37.89 1.25 0.16	35.40 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.20 -4.63 0.08	32.68 -3.96 0.05	31.06 -4.04 0.05	31.20 -3.94 0.05	32.82 -3.41 0.05	35.03 -3.21 0.00	40.46 -6.03 0.28	44.11 -6.23 0.69	40.03 -4.65 0.00	31.80 -3.69 0.05	31.81 -3.90 0.00	29.56 -3.21 0.00	28.02 -2.94 0.01	26.29 -3.33 0.62	25.76 -3.61 2.60	26.38 -4.01 4.15	31.82 -4.87 2.58	37.66 -5.52 1.68	40.19 -6.10 2.49	36.36 -5.63 2.01	33.96 -4.84 0.84	30.12 -4.73 1.81	30.05 -4.86 1.89	30.56 -3.51 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.26 2.35 0.00	38.86 2.16 0.00	37.16 2.00 0.00	37.23 2.04 0.00	38.32 2.03 0.00	40.65 2.41 0.00	50.24 3.46 0.00	56.87 4.13 -1.71	48.30 3.62 0.00	37.94 2.45 0.00	38.05 2.29 0.00	34.83 2.06 0.00	32.85 1.89 0.00	32.02 1.84 0.07	33.67 1.98 0.29	36.29 2.21 0.46	41.85 2.87 0.29	48.45 3.77 0.18	52.87 4.10 0.00	47.56 3.65 0.10	42.83 3.29 0.09	39.02 2.57 0.20	38.98 2.39 0.21	36.08 2.01 0.00
PEEKSKILL____ 23653	39.92 2.01 0.00	38.53 1.83 0.00	36.78 1.62 0.00	36.81 1.62 0.00	37.96 1.67 0.00	40.26 2.03 0.00	49.78 3.00 0.00	56.30 3.62 -1.65	47.90 3.22 0.00	37.76 2.27 0.00	37.87 2.11 0.00	34.77 2.00 0.00	32.82 1.86 0.00	32.02 1.84 0.07	33.60 1.92 0.30	36.14 2.07 0.47	41.61 2.63 0.29	48.04 3.37 0.18	52.38 3.61 0.00	47.20 3.30 0.10	42.47 2.93 0.10	39.31 2.24 -0.41	38.71 2.13 0.21	35.77 1.70 0.00
PGE MADISON__WINDPWR 24146	41.22 3.34 0.03	39.90 3.23 0.02	38.17 3.02 0.02	38.30 3.13 0.02	39.72 3.45 0.02	42.29 4.05 0.00	51.70 5.01 0.09	58.29 5.92 -1.35	49.24 4.56 0.00	38.33 2.84 0.00	38.18 2.43 0.02	34.74 1.97 0.00	32.79 1.83 0.01	31.52 1.69 0.41	32.17 1.92 1.72	34.14 2.35 2.75	40.90 3.34 1.71	48.41 4.62 1.07	56.34 5.41 -2.15	49.02 4.71 -0.30	43.13 4.04 0.55	38.98 3.52 1.20	38.60 3.05 1.25	36.90 2.83 0.00
PIERCEFIELD__HYD 23852	37.80 -0.11 0.00	36.69 0.00 0.00	35.16 0.00 0.00	35.19 0.00 0.00	36.36 0.07 0.00	37.86 -0.38 0.00	45.80 -0.98 0.00	49.78 -1.28 -0.03	43.87 -0.80 0.00	34.99 -0.50 0.00	35.37 -0.39 0.00	32.25 -0.52 0.00	30.78 -0.19 0.00	29.89 -0.24 0.11	31.27 -0.26 0.45	33.34 -0.48 0.71	38.08 -0.75 0.44	43.64 -0.94 0.28	47.85 -0.93 0.00	42.84 -1.01 0.16	38.58 -0.91 0.14	35.87 -0.48 0.31	35.99 -0.48 0.32	34.04 -0.03 0.00
PINELAWN_CC_1 323563	43.48 3.07 -2.50	40.31 2.86 -0.76	38.43 2.71 -0.57	38.10 2.67 -0.23	39.73 2.76 -0.69	45.51 3.25 -4.02	57.75 4.59 -6.38	64.79 5.36 -8.41	57.66 4.78 -8.20	45.05 3.37 -6.19	44.35 3.25 -5.33	40.44 3.01 -4.65	35.51 2.82 -1.72	35.38 2.78 -2.36	37.24 2.94 -2.32	43.76 3.18 -6.04	49.57 3.96 -6.33	67.79 4.98 -17.96	67.92 5.32 -13.83	58.40 4.88 -9.51	51.78 4.32 -7.82	48.11 3.48 -7.96	43.78 3.31 -3.67	40.55 2.79 -3.68
PJM_GEN_HTP_PROXY 323702	40.15 2.24 0.00	38.71 2.02 0.00	37.02 1.86 0.00	37.05 1.86 0.00	38.38 1.92 -0.17	40.40 2.33 0.17	50.19 3.41 0.00	56.78 4.08 -1.67	48.22 3.71 0.16	48.68 2.66 -10.53	45.72 2.54 -7.42	43.76 2.36 -8.63	42.99 2.23 -9.80	41.52 2.18 -9.10	43.16 2.30 -8.89	42.74 2.45 -5.75	44.69 3.07 -2.35	51.08 3.86 -2.36	52.89 4.10 -0.02	47.70 3.79 0.09	43.25 3.37 -0.25	46.07 2.57 -6.85	39.13 2.54 0.20	36.08 2.01 0.00

PJM_GEN_KEystone 24065	36.58 -1.29 0.04	35.53 -1.14 0.03	34.01 -1.13 0.03	34.14 -1.02 0.03	35.38 -1.05 -0.15	37.22 -0.84 0.17	45.24 -1.40 0.14	50.53 -1.23 -0.73	41.12 -1.03 2.53	37.06 -0.96 -2.53	34.70 -1.04 0.03	31.98 -0.79 0.00	30.31 -0.65 0.00	29.26 -0.64 0.35	29.76 -0.77 1.44	32.46 -0.93 1.14	35.62 -1.06 2.59	42.90 -1.03 0.93	47.02 -1.27 0.48	42.18 -1.10 0.73	37.41 -0.91 1.32	35.77 -1.14 -0.25	34.46 -1.29 1.05	33.08 -0.99 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.95 2.54 -2.50	39.80 2.35 -0.76	37.94 2.22 -0.57	37.64 2.22 -0.23	39.44 2.29 -0.86	44.76 2.68 -3.85	56.95 3.79 -6.38	63.87 4.44 -8.41	54.36 4.02 -5.66	47.09 2.87 -8.73	43.85 2.75 -5.33	40.01 2.59 -4.65	35.11 2.42 -1.72	34.96 2.36 -2.36	36.79 2.50 -2.32	44.44 2.70 -7.21	47.74 3.30 -5.17	66.98 4.17 -17.96	67.04 4.44 -13.83	57.61 4.09 -9.51	50.22 3.61 -6.97	48.44 2.86 -8.92	43.26 2.80 -3.67	40.03 2.28 -3.68
PJM_GEN_VFT_PROXY 323633	40.00 2.08 0.00	38.56 1.87 0.00	36.88 1.72 0.00	36.88 1.69 0.00	38.24 1.78 -0.17	40.24 2.18 0.17	49.91 3.13 0.01	49.76 3.72 4.99	45.98 3.39 2.09	48.61 2.52 -10.61	45.61 2.36 -7.49	43.71 2.23 -8.71	42.96 2.11 -9.89	41.51 2.09 -9.18	43.12 2.18 -8.97	42.69 2.35 -5.80	44.52 2.87 -2.39	48.29 3.59 0.15	50.86 3.81 1.72	47.48 3.56 0.09	43.11 3.21 -0.26	46.03 2.38 -6.99	38.99 2.39 0.20	35.94 1.87 0.00
PLATSBRG_115KV_PMLD1 355749	39.66 1.74 0.00	38.49 1.80 0.00	36.92 1.76 0.00	36.95 1.76 0.00	38.24 1.96 0.00	40.00 1.76 0.00	47.95 1.17 0.00	51.33 0.31 0.00	45.97 1.30 0.00	36.69 1.21 0.00	37.09 1.32 0.00	33.85 1.08 0.00	32.17 1.21 0.00	31.32 1.12 0.04	32.95 1.15 0.17	35.44 1.17 0.27	40.24 1.14 0.17	46.05 1.30 0.11	50.19 1.41 0.00	45.00 1.06 0.06	40.53 0.95 0.06	37.75 1.21 0.12	37.85 1.18 0.12	35.74 1.67 0.00
PLEASANTVLY___LBMP 24000	39.73 1.82 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.74 1.55 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.59 2.81 0.00	56.10 3.32 -1.76	47.63 2.95 0.00	37.58 2.09 0.00	37.70 1.93 0.00	34.57 1.80 0.00	32.64 1.67 0.00	31.84 1.66 0.07	33.45 1.76 0.28	35.99 1.90 0.45	41.39 2.40 0.28	47.73 3.05 0.17	52.04 3.27 0.00	46.86 2.95 0.10	42.24 2.70 0.09	38.48 2.02 0.19	38.58 1.99 0.20	35.70 1.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.96 2.05 0.00	38.56 1.87 0.00	36.92 1.76 0.00	36.91 1.72 0.00	38.06 1.78 0.00	40.42 2.18 0.00	49.91 3.13 0.00	56.49 3.78 -1.69	48.03 3.35 0.00	37.90 2.41 0.00	38.02 2.25 0.00	34.87 2.10 0.00	32.92 1.95 0.00	32.11 1.94 0.07	33.73 2.05 0.29	36.25 2.18 0.47	41.73 2.75 0.29	48.22 3.54 0.18	52.53 3.76 0.00	47.29 3.39 0.10	42.59 3.05 0.09	37.43 2.31 1.54	38.86 2.28 0.21	35.94 1.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.96 2.05 0.00	38.56 1.87 0.00	36.92 1.76 0.00	36.91 1.72 0.00	38.06 1.78 0.00	40.42 2.18 0.00	49.91 3.13 0.00	56.49 3.78 -1.69	48.03 3.35 0.00	37.90 2.41 0.00	38.02 2.25 0.00	34.87 2.10 0.00	32.92 1.95 0.00	32.11 1.94 0.07	33.73 2.05 0.29	36.25 2.18 0.47	41.73 2.75 0.29	48.22 3.54 0.18	52.53 3.76 0.00	47.29 3.39 0.10	42.59 3.05 0.09	37.43 2.31 1.54	38.86 2.28 0.21	35.94 1.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.00 2.09 0.00	38.60 1.91 0.00	36.95 1.79 0.00	36.98 1.79 0.00	38.14 1.85 0.00	40.49 2.26 0.00	49.96 3.18 0.00	56.42 3.67 -1.72	47.85 3.17 0.00	37.69 2.20 0.00	37.77 2.00 0.00	34.61 1.84 0.00	32.67 1.70 0.00	31.84 1.66 0.07	33.48 1.79 0.29	36.05 1.97 0.46	41.54 2.55 0.28	48.00 3.32 0.18	52.33 3.56 0.00	47.12 3.21 0.10	42.44 2.89 0.09	38.70 2.24 0.20	38.72 2.13 0.21	35.87 1.81 0.00
POLETTI_____ 23519	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.06 1.87 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.20 3.41 0.00	56.77 4.08 -1.67	50.74 3.66 -2.40	46.22 2.66 -8.07	45.75 2.50 -7.49	43.84 2.36 -8.71	43.05 2.20 -9.89	41.63 2.21 -9.18	43.25 2.30 -8.97	41.66 2.49 -4.63	45.88 3.06 -3.55	51.05 3.81 -2.38	52.84 4.05 -0.02	47.62 3.70 0.09	44.12 3.37 -1.11	45.21 2.49 -6.06	39.13 2.54 0.20	36.11 2.04 0.00
POMONA___ESR 323819	39.77 1.86 0.00	38.38 1.69 0.00	36.74 1.58 0.00	36.78 1.59 0.00	37.92 1.63 0.00	40.23 1.99 0.00	49.73 2.95 0.00	56.15 3.52 -1.61	47.76 3.08 0.00	37.65 2.16 0.00	37.80 2.04 0.00	34.67 1.90 0.00	32.76 1.80 0.00	31.95 1.78 0.07	33.52 1.85 0.31	36.02 1.97 0.49	41.48 2.52 0.30	47.94 3.27 0.19	52.29 3.51 0.00	47.11 3.21 0.11	42.39 2.86 0.10	39.02 2.16 -0.20	38.63 2.06 0.22	35.70 1.64 0.00
PORT_JEFF_3 23555	44.16 3.75 -2.50	40.94 3.49 -0.76	39.03 3.30 -0.57	38.73 3.31 -0.23	40.39 3.41 -0.69	46.24 3.98 -4.02	58.73 5.56 -6.38	66.02 6.58 -8.41	58.59 5.72 -8.20	45.69 4.01 -6.19	45.03 3.93 -5.33	41.03 3.60 -4.65	36.00 3.32 -1.72	35.87 3.27 -2.36	37.78 3.49 -2.32	44.41 3.83 -6.04	50.43 4.83 -6.33	68.56 5.74 -17.96	68.75 6.15 -13.83	59.45 5.94 -9.51	52.69 5.23 -7.82	48.77 4.25 -7.86	44.51 4.05 -3.67	41.16 3.41 -3.68
PORT_JEFF_4 23616	44.16 3.75 -2.50	40.94 3.49 -0.76	39.03 3.30 -0.57	38.73 3.31 -0.23	40.39 3.41 -0.69	46.24 3.98 -4.02	58.73 5.56 -6.38	66.02 6.58 -8.41	58.59 5.72 -8.20	45.69 4.01 -6.19	45.03 3.93 -5.33	41.03 3.60 -4.65	36.00 3.32 -1.72	35.87 3.27 -2.36	37.78 3.49 -2.32	44.41 3.83 -6.04	50.43 4.83 -6.33	68.56 5.74 -17.96	68.75 6.15 -13.83	59.45 5.94 -9.51	52.69 5.23 -7.82	48.77 4.25 -7.86	44.51 4.05 -3.67	41.16 3.41 -3.68
PORT_JEFF_IC 23713	44.13 3.72 -2.50	40.90 3.45 -0.76	39.00 3.27 -0.57	38.70 3.27 -0.23	40.35 3.38 -0.69	46.20 3.94 -4.02	58.73 5.56 -6.38	65.97 6.53 -8.41	58.59 5.72 -8.20	45.65 3.97 -6.19	44.99 3.90 -5.33	41.00 3.57 -4.65	35.97 3.28 -1.72	35.84 3.24 -2.36	37.75 3.45 -2.32	44.38 3.80 -6.04	50.39 4.79 -6.33	68.51 5.70 -17.96	68.70 6.10 -13.83	59.45 5.94 -9.51	52.65 5.19 -7.82	48.77 4.25 -7.86	44.48 4.01 -3.67	41.12 3.37 -3.68
PPL PILGRIM_ST_GT1 24216	43.89 3.49 -2.50	40.71 3.26 -0.76	38.82 3.09 -0.57	38.52 3.10 -0.23	40.17 3.19 -0.69	45.93 3.67 -4.02	58.35 5.19 -6.38	65.51 6.07 -8.41	58.19 5.31 -8.20	45.41 3.73 -6.19	44.74 3.65 -5.33	40.80 3.38 -4.65	35.82 3.13 -1.72	35.68 3.09 -2.36	37.56 3.26 -2.32	44.14 3.56 -6.04	50.08 4.48 -6.33	68.37 5.56 -17.96	68.55 5.95 -13.83	59.02 5.50 -9.51	52.29 4.83 -7.82	48.40 3.88 -7.86	44.18 3.71 -3.67	40.88 3.13 -3.68
PPL PILGRIM_ST_GT2 24217	43.89 3.49 -2.50	40.71 3.26 -0.76	38.82 3.09 -0.57	38.52 3.10 -0.23	40.17 3.19 -0.69	45.93 3.67 -4.02	58.35 5.19 -6.38	65.51 6.07 -8.41	58.19 5.31 -8.20	45.41 3.73 -6.19	44.74 3.65 -5.33	40.80 3.38 -4.65	35.82 3.13 -1.72	35.68 3.09 -2.36	37.56 3.26 -2.32	44.14 3.56 -6.04	50.08 4.48 -6.33	68.37 5.56 -17.96	68.55 5.95 -13.83	59.02 5.50 -9.51	52.29 4.83 -7.82	48.40 3.88 -7.86	44.18 3.71 -3.67	40.88 3.13 -3.68

PPL_SHRM_GT3 24213	44.05 3.64 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.12 3.86 -4.02	58.63 5.47 -6.38	65.87 6.43 -8.41	58.41 5.54 -8.20	45.48 3.80 -6.19	44.85 3.75 -5.33	40.86 3.44 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.24 4.63 -6.33	68.69 5.87 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	52.58 5.12 -7.82	48.62 4.10 -7.86	44.37 3.90 -3.67	41.05 3.30 -3.68
PPL_SHRM_GT4 24214	44.05 3.64 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.12 3.86 -4.02	58.63 5.47 -6.38	65.87 6.43 -8.41	58.41 5.54 -8.20	45.48 3.80 -6.19	44.85 3.75 -5.33	40.86 3.44 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.24 4.63 -6.33	68.69 5.87 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	52.58 5.12 -7.82	48.62 4.10 -7.86	44.37 3.90 -3.67	41.05 3.30 -3.68
PROJECT___ORANGE 1 24174	36.61 -1.25 0.05	35.41 -1.25 0.03	33.93 -1.20 0.03	33.96 -1.20 0.03	35.02 -1.23 0.03	37.13 -1.11 0.00	45.36 -1.26 0.16	50.15 -1.28 -0.40	43.29 -1.38 0.00	34.28 -1.21 0.00	34.41 -1.32 0.03	31.56 -1.21 0.00	29.72 -1.24 0.01	28.43 -1.18 0.63	28.08 -1.25 2.65	29.00 -1.31 4.23	35.31 -1.34 2.62	41.78 -1.44 1.64	47.85 -1.51 -0.59	41.96 -1.36 0.68	37.52 -1.27 0.85	33.50 -1.32 1.84	33.48 -1.40 1.92	32.77 -1.29 0.00
PROJECT___ORANGE 2 24166	36.61 -1.25 0.05	35.41 -1.25 0.03	33.93 -1.20 0.03	33.96 -1.20 0.03	35.02 -1.23 0.03	37.13 -1.11 0.00	45.36 -1.26 0.16	50.15 -1.28 -0.40	43.29 -1.38 0.00	34.28 -1.21 0.00	34.41 -1.32 0.03	31.56 -1.21 0.00	29.72 -1.24 0.01	28.43 -1.18 0.63	28.08 -1.25 2.65	29.00 -1.31 4.23	35.31 -1.34 2.62	41.78 -1.44 1.64	47.85 -1.51 -0.59	41.96 -1.36 0.68	37.52 -1.27 0.85	33.50 -1.32 1.84	33.48 -1.40 1.92	32.77 -1.29 0.00
PUCKETT___SOLAR 323809	38.41 0.53 0.03	37.19 0.51 0.02	35.63 0.49 0.02	35.73 0.56 0.02	36.92 0.65 0.02	39.19 0.96 0.00	47.81 1.12 0.09	53.70 1.43 -1.25	45.62 0.94 0.00	35.84 0.35 0.00	35.89 0.14 0.02	32.84 0.07 0.00	31.02 0.06 0.01	29.84 0.00 0.40	30.33 0.03 1.68	32.06 0.21 2.68	38.23 0.63 1.66	44.93 1.12 1.05	51.82 1.27 -1.78	45.27 1.10 -0.16	40.09 0.99 0.54	36.19 0.69 1.17	36.02 0.44 1.22	34.58 0.51 0.00
PYRITES___HYD 24023	38.63 0.72 0.00	37.50 0.81 0.00	35.93 0.77 0.00	35.93 0.74 0.00	37.12 0.83 0.00	38.70 0.46 0.00	46.92 0.14 0.00	51.08 0.05 0.00	45.08 0.40 0.00	35.88 0.39 0.00	36.23 0.46 0.00	32.97 0.20 0.00	31.46 0.50 0.00	30.57 0.42 0.10	32.01 0.45 0.42	34.15 0.28 0.66	38.98 0.12 0.41	44.64 0.04 0.26	48.97 0.00 0.00	43.86 0.00 0.15	39.50 0.00 0.13	36.77 0.40 0.29	36.82 0.33 0.30	34.65 0.58 0.00
QUAKERRD_115KV_BK1 80622	35.06 -2.77 0.09	33.85 -2.79 0.06	32.47 -2.64 0.06	32.53 -2.60 0.06	33.44 -2.79 0.06	35.56 -2.68 0.00	43.09 -3.41 0.27	45.78 -3.62 1.62	41.10 -3.57 0.00	32.61 -2.87 0.00	32.70 -3.00 0.06	30.12 -2.65 0.00	28.45 -2.51 0.01	27.31 -2.27 0.66	26.81 -2.40 2.77	27.56 -2.56 4.42	33.58 -2.95 2.74	39.74 -3.41 1.70	40.21 -3.61 4.95	37.63 -3.30 3.07	35.81 -2.93 0.89	31.88 -2.86 1.92	31.81 -2.98 2.01	31.21 -2.86 0.00
QUENSBRY_115KV_TB8 356137	39.05 1.14 0.00	37.68 0.99 0.00	36.14 0.98 0.00	36.18 0.99 0.00	37.34 1.05 0.00	39.77 1.53 0.00	49.07 2.29 0.00	55.75 2.60 -2.12	46.69 2.01 0.00	36.59 1.10 0.00	36.62 0.86 0.00	33.43 0.66 0.00	31.49 0.53 0.00	30.74 0.54 0.05	32.37 0.61 0.21	35.07 0.86 0.34	40.67 1.61 0.21	46.83 2.11 0.13	51.11 2.34 0.00	46.05 2.11 0.07	41.39 1.82 0.07	37.68 1.17 0.15	37.64 0.99 0.15	34.95 0.89 0.00
RAMAPO___LBMP 323565	39.62 1.71 0.00	38.27 1.58 0.00	36.64 1.48 0.00	36.63 1.44 0.00	37.81 1.52 0.00	40.07 1.84 0.00	49.54 2.76 0.00	55.95 3.32 -1.61	47.58 2.90 0.00	37.55 2.06 0.00	37.66 1.90 0.00	34.57 1.80 0.00	32.64 1.67 0.00	31.83 1.66 0.07	33.39 1.73 0.31	35.88 1.83 0.49	41.32 2.36 0.30	47.76 3.10 0.19	52.04 3.27 0.00	46.85 2.95 0.11	42.23 2.70 0.10	38.80 1.98 -0.16	38.52 1.95 0.22	35.64 1.57 0.00
RANKINE____ 23646	33.69 -4.13 0.09	32.93 -3.71 0.05	31.45 -3.66 0.05	31.51 -3.62 0.05	32.71 -3.52 0.05	34.95 -3.29 0.00	40.93 -5.57 0.29	44.38 -5.87 0.78	39.81 -4.87 0.00	31.69 -3.80 0.00	31.74 -3.97 0.05	29.46 -3.31 0.00	27.92 -3.03 0.01	26.62 -2.99 0.63	26.12 -3.23 2.63	26.79 -3.56 4.19	32.23 -4.44 2.60	37.96 -5.20 1.69	40.32 -5.76 2.70	36.66 -5.24 2.11	34.27 -4.52 0.84	30.47 -4.36 1.82	30.40 -4.49 1.90	30.42 -3.65 0.00
RAVENSWOOD_GT2_1 24244	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.25 2.49 -6.10	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT2_2 24245	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.25 2.49 -6.10	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT2_3 24246	40.22 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.65 2.41 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.85 3.75 -2.42	46.34 2.70 -8.16	45.87 2.54 -7.57	43.93 2.36 -8.80	43.19 2.23 -9.99	41.73 2.21 -9.28	43.35 2.30 -9.07	41.71 2.49 -4.69	45.92 3.06 -3.59	51.17 3.90 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.17 3.41 -1.13	45.28 2.53 -6.10	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT2_4 24247	40.22 2.31 0.00	38.78 2.09 0.00	37.09 1.93 0.00	37.09 1.90 0.00	38.28 2.00 0.00	40.65 2.41 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.85 3.75 -2.42	46.34 2.70 -8.16	45.87 2.54 -7.57	43.93 2.36 -8.80	43.19 2.23 -9.99	41.73 2.21 -9.28	43.35 2.30 -9.07	41.71 2.49 -4.69	45.92 3.06 -3.59	51.17 3.90 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.17 3.41 -1.13	45.28 2.53 -6.10	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT3_1 24248	40.19 2.27 0.00	38.78 2.09 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.87 2.54 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.17 3.90 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.25 2.49 -6.10	39.17 2.58 0.20	36.15 2.08 0.00

RAVENSWOOD_GT3_2 24249	40.19 2.27 0.00	38.78 2.09 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.87 2.54 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.17 3.90 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.25 2.49 -6.10	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT3_3 24250	40.26 2.35 0.00	38.82 2.13 0.00	37.13 1.97 0.00	37.13 1.94 0.00	38.32 2.03 0.00	40.69 2.45 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.90 3.80 -2.42	46.38 2.73 -8.16	45.91 2.58 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.22 3.95 -2.41	52.98 4.19 -0.02	47.75 3.83 0.09	44.21 3.45 -1.13	45.32 2.57 -6.10	39.21 2.61 0.20	36.18 2.11 0.00
RAVENSWOOD_GT3_4 24251	40.26 2.35 0.00	38.82 2.13 0.00	37.13 1.97 0.00	37.13 1.94 0.00	38.32 2.03 0.00	40.69 2.45 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.90 3.80 -2.42	46.38 2.73 -8.16	45.91 2.58 -7.57	44.00 2.43 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.22 3.95 -2.41	52.98 4.19 -0.02	47.75 3.83 0.09	44.21 3.45 -1.13	45.32 2.57 -6.10	39.21 2.61 0.20	36.18 2.11 0.00
RAVENSWOOD_GT_1 23729	40.41 2.50 0.00	38.93 2.24 0.00	37.23 2.07 0.00	37.23 2.04 0.00	38.43 2.14 0.00	40.76 2.52 0.00	50.38 3.60 0.00	57.03 4.34 -1.67	51.07 3.98 -2.42	46.49 2.84 -8.16	45.98 2.65 -7.57	44.03 2.46 -8.80	43.25 2.29 -9.99	41.79 2.27 -9.28	43.44 2.40 -9.07	41.78 2.56 -4.69	46.04 3.18 -3.59	51.39 4.13 -2.41	53.18 4.39 -0.02	47.84 3.92 0.09	44.25 3.49 -1.13	45.75 2.60 -6.49	39.28 2.69 0.20	36.28 2.21 0.00
RAVENSWOOD_GT_10 24258	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.77 4.08 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.29 2.49 -5.84	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT_11 24259	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.77 4.08 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.29 2.49 -6.14	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT_4 24252	40.15 2.24 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.06 1.87 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.20 3.41 0.00	56.77 4.08 -1.67	50.76 3.66 -2.42	46.31 2.66 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.89 4.10 -0.02	47.62 3.70 0.09	44.13 3.37 -1.13	44.99 2.49 -5.84	39.13 2.54 0.20	36.11 2.04 0.00
RAVENSWOOD_GT_5 24254	40.15 2.24 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.06 1.87 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.20 3.41 0.00	56.77 4.08 -1.67	50.76 3.66 -2.42	46.31 2.66 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.89 4.10 -0.02	47.62 3.70 0.09	44.13 3.37 -1.13	44.99 2.49 -5.84	39.13 2.54 0.20	36.11 2.04 0.00
RAVENSWOOD_GT_6 24253	40.15 2.24 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.06 1.87 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.20 3.41 0.00	56.77 4.08 -1.67	50.76 3.66 -2.42	46.31 2.66 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.89 4.10 -0.02	47.62 3.70 0.09	44.13 3.37 -1.13	44.99 2.49 -5.84	39.13 2.54 0.20	36.11 2.04 0.00
RAVENSWOOD_GT_7 24255	40.15 2.24 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.06 1.87 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.20 3.41 0.00	56.77 4.08 -1.67	50.76 3.66 -2.42	46.31 2.66 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.89 4.10 -0.02	47.62 3.70 0.09	44.13 3.37 -1.13	44.99 2.49 -5.84	39.13 2.54 0.20	36.11 2.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.77 4.08 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.29 2.49 -6.14	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD_GT_9 24257	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.77 4.08 -1.67	50.81 3.71 -2.42	46.34 2.70 -8.16	45.83 2.50 -7.57	43.93 2.36 -8.80	43.16 2.20 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.92 3.06 -3.59	51.13 3.86 -2.41	52.93 4.15 -0.02	47.66 3.74 0.09	44.13 3.37 -1.13	45.29 2.49 -6.14	39.17 2.58 0.20	36.15 2.08 0.00
RAVENSWOOD___1 23533	40.37 2.46 0.00	38.93 2.24 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.39 2.10 0.00	40.76 2.52 0.00	50.38 3.60 0.00	56.98 4.29 -1.67	51.03 3.93 -2.42	46.45 2.80 -8.16	45.94 2.61 -7.57	44.03 2.46 -8.80	43.25 2.29 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.04 3.18 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.88 3.96 0.09	44.25 3.49 -1.13	45.76 2.64 -6.46	39.25 2.65 0.20	36.25 2.18 0.00
RAVENSWOOD___2 23534	40.37 2.46 0.00	38.89 2.20 0.00	37.20 2.04 0.00	37.20 2.00 0.00	38.39 2.10 0.00	40.72 2.48 0.00	50.33 3.55 0.00	56.98 4.29 -1.67	50.98 3.88 -2.42	46.42 2.77 -8.16	45.94 2.61 -7.57	44.00 2.42 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.41 2.37 -9.07	41.75 2.52 -4.69	46.00 3.14 -3.59	51.35 4.08 -2.41	53.13 4.34 -0.02	47.88 3.96 0.09	44.21 3.45 -1.13	45.72 2.60 -6.46	39.25 2.65 0.20	36.22 2.15 0.00
RAVENSWOOD___3 23535	40.19 2.27 0.00	38.78 2.09 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.82 4.13 -1.67	50.80 3.71 -2.42	46.31 2.66 -8.16	45.87 2.54 -7.57	43.94 2.36 -8.80	43.19 2.23 -9.99	41.70 2.18 -9.28	43.35 2.30 -9.07	41.68 2.45 -4.69	45.93 3.07 -3.59	51.17 3.90 -2.41	52.93 4.14 -0.02	47.75 3.83 0.09	44.13 3.37 -1.13	45.32 2.57 -6.10	39.17 2.57 0.20	36.11 2.04 0.00

RAVENSWOOD___4 23820	40.37 2.46 0.00	38.89 2.20 0.00	37.16 2.00 0.00	37.20 2.00 0.00	38.35 2.07 0.00	40.72 2.48 0.00	50.33 3.55 0.00	56.98 4.29 -1.67	50.98 3.88 -2.42	46.42 2.77 -8.16	45.91 2.58 -7.57	44.00 2.42 -8.80	43.22 2.26 -9.99	41.76 2.24 -9.28	43.38 2.33 -9.07	41.72 2.49 -4.69	46.00 3.14 -3.59	51.31 4.04 -2.41	53.13 4.34 -0.02	47.83 3.92 0.09	44.21 3.45 -1.13	45.69 2.60 -6.43	39.25 2.65 0.20	36.22 2.15 0.00
RCPI_TRUST___DRP 24196	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.09 1.90 0.00	38.24 1.96 0.00	40.65 2.41 0.00	50.29 3.51 0.00	56.88 4.18 -1.67	50.85 3.80 -2.38	46.26 2.77 -8.01	45.80 2.61 -7.43	43.84 2.43 -8.64	43.07 2.29 -9.81	41.62 2.27 -9.11	43.24 2.37 -8.90	41.65 2.52 -4.59	45.93 3.14 -3.52	51.17 3.95 -2.36	52.93 4.15 -0.02	47.70 3.78 0.09	44.19 3.45 -1.10	45.24 2.57 -6.01	39.21 2.61 0.20	36.15 2.08 0.00
RED___ROCHESTER 323720	35.58 -2.24 0.09	34.43 -2.20 0.06	32.99 -2.11 0.06	32.98 -2.15 0.06	33.98 -2.25 0.06	36.17 -2.07 0.00	43.74 -2.76 0.29	47.22 -2.91 0.90	41.73 -2.95 0.00	32.97 -2.52 0.00	33.20 -2.50 0.06	30.54 -2.23 0.00	28.95 -2.01 0.01	27.86 -1.72 0.66	27.40 -1.82 2.76	28.17 -1.97 4.40	34.26 -2.28 2.73	40.47 -2.69 1.70	42.83 -2.93 3.02	39.12 -2.64 2.25	36.45 -2.30 0.89	32.47 -2.27 1.92	32.37 -2.43 2.00	31.89 -2.18 0.00
REGAN___SOLAR 323812	42.19 4.28 0.00	40.76 4.07 0.00	39.06 3.90 0.00	39.17 3.98 0.00	40.56 4.28 0.00	43.36 5.13 0.00	53.52 6.74 0.00	60.70 7.35 -2.33	50.44 5.77 0.00	39.21 3.73 0.00	39.20 3.43 0.00	35.65 2.88 0.00	33.57 2.60 0.00	32.67 2.51 0.08	34.47 2.81 0.32	37.59 3.56 0.50	43.90 4.95 0.31	50.89 6.23 0.20	55.60 6.83 0.00	49.83 5.94 0.11	44.77 5.23 0.10	40.61 4.18 0.22	40.46 3.90 0.23	37.68 3.61 0.00
RENSSELAER___COGEN 23796	38.97 1.06 0.00	37.61 0.92 0.00	36.07 0.91 0.00	36.10 0.91 0.00	37.19 0.91 0.00	39.46 1.22 0.00	48.60 1.82 0.00	55.07 1.99 -2.05	46.37 1.70 0.00	36.73 1.24 0.00	36.76 1.00 0.00	33.75 0.98 0.00	31.89 0.93 0.00	31.13 0.94 0.05	32.75 0.99 0.22	35.30 1.10 0.35	40.51 1.45 0.21	46.52 1.80 0.13	50.73 1.95 0.00	45.74 1.80 0.08	41.15 1.59 0.07	37.68 1.17 0.15	37.74 1.10 0.16	35.26 1.19 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.45 2.54 0.00	39.04 2.35 0.00	37.41 2.25 0.00	37.48 2.29 0.00	38.75 2.47 0.00	41.37 3.14 0.00	51.18 4.40 0.00	58.09 4.95 -2.12	48.56 3.89 0.00	37.83 2.34 0.00	37.80 2.04 0.00	34.34 1.57 0.00	32.24 1.27 0.00	31.49 1.30 0.05	33.23 1.47 0.21	36.17 1.97 0.34	42.20 3.14 0.21	48.67 3.95 0.13	53.16 4.39 0.00	47.76 3.83 0.07	42.94 3.37 0.07	38.97 2.46 0.15	38.81 2.17 0.15	36.11 2.04 0.00
REVERE_CPPR_DRP 24186	39.18 1.29 0.02	37.89 1.21 0.01	36.31 1.16 0.01	36.34 1.16 0.01	37.54 1.27 0.01	39.81 1.57 0.00	48.77 2.06 0.07	53.52 2.40 -0.10	46.60 1.92 0.00	36.73 1.24 0.00	36.79 1.04 0.01	33.56 0.79 0.00	31.71 0.74 0.00	30.61 0.67 0.30	31.49 0.77 1.25	33.50 0.97 2.00	39.40 1.37 1.24	45.92 1.84 0.77	50.87 2.10 0.00	45.41 1.85 0.44	40.82 1.59 0.40	37.11 1.32 0.87	36.99 1.10 0.91	35.02 0.95 0.00
REYNOLDS_115KV_TB3 80639	39.24 1.33 0.00	37.87 1.17 0.00	36.32 1.16 0.00	36.35 1.16 0.00	37.45 1.16 0.00	39.73 1.49 0.00	48.93 2.15 0.00	55.48 2.40 -2.06	46.73 2.06 0.00	36.98 1.49 0.00	37.05 1.29 0.00	33.98 1.21 0.00	32.11 1.15 0.00	31.34 1.15 0.05	32.97 1.21 0.22	35.54 1.35 0.35	40.78 1.73 0.21	46.83 2.11 0.13	51.07 2.29 0.00	46.04 2.11 0.08	41.47 1.90 0.07	37.94 1.43 0.15	38.00 1.36 0.16	35.40 1.33 0.00
RIVERBAY____ 323610	40.87 2.96 0.00	39.33 2.64 0.00	37.59 2.43 0.00	37.58 2.39 0.00	38.79 2.50 0.00	41.14 2.91 0.00	50.71 3.93 0.00	57.39 4.69 -1.67	48.98 4.20 -0.10	38.82 2.98 -0.35	38.88 2.79 -0.32	35.74 2.59 -0.38	33.81 2.42 -0.43	32.96 2.39 -0.33	34.61 2.53 -0.11	36.94 2.66 0.25	42.48 3.34 0.13	49.13 4.35 0.08	53.42 4.63 -0.02	48.06 4.14 0.09	43.27 3.69 0.05	47.44 2.75 -8.03	39.47 2.87 0.20	36.59 2.52 0.00
RIVERSDE_115KV_TB3 55908	39.13 1.21 0.00	37.79 1.10 0.00	36.25 1.09 0.00	36.28 1.09 0.00	37.34 1.05 0.00	39.65 1.41 0.00	48.84 2.06 0.00	55.38 2.30 -2.06	46.64 1.97 0.00	36.87 1.38 0.00	36.95 1.18 0.00	33.92 1.15 0.00	32.05 1.08 0.00	31.28 1.09 0.05	32.88 1.12 0.22	35.44 1.24 0.35	40.70 1.65 0.21	46.74 2.02 0.13	50.92 2.15 0.00	45.96 2.02 0.08	41.35 1.78 0.07	37.86 1.36 0.15	37.93 1.29 0.16	35.40 1.33 0.00
ROARING___BROOK_WT_PWR 323790	37.95 0.04 0.00	36.77 0.07 0.00	35.23 0.07 0.00	35.26 0.07 0.00	36.36 0.07 0.00	38.20 -0.04 0.00	46.59 -0.19 0.00	50.77 -0.25 0.00	44.54 -0.13 0.00	35.49 0.00 0.00	35.84 0.07 0.00	32.84 0.07 0.00	31.06 0.09 0.00	30.30 0.09 0.03	31.91 0.06 0.13	34.37 0.03 0.20	39.10 -0.04 0.13	44.64 -0.13 0.08	48.63 -0.15 0.00	43.83 -0.13 0.04	39.44 -0.16 0.04	36.57 0.00 0.09	36.74 0.04 0.09	34.14 0.07 0.00
ROCHESRG_115KV_T4 355643	35.32 -2.50 0.09	34.14 -2.50 0.06	32.75 -2.36 0.06	32.77 -2.36 0.06	33.65 -2.58 0.06	35.83 -2.41 0.00	43.27 -3.23 0.29	46.69 -3.47 0.86	41.28 -3.40 0.00	32.79 -2.70 0.00	32.92 -2.79 0.06	30.35 -2.43 0.00	28.70 -2.26 0.01	27.65 -1.94 0.66	27.17 -2.05 2.76	27.88 -2.24 4.41	33.86 -2.67 2.74	40.02 -3.14 1.70	42.48 -3.37 2.93	38.76 -3.04 2.21	36.05 -2.70 0.89	32.10 -2.64 1.92	32.07 -2.72 2.00	31.45 -2.62 0.00
ROCHESTER_9_IC 23652	35.47 -2.35 0.09	34.29 -2.35 0.06	32.89 -2.22 0.06	32.92 -2.22 0.06	33.83 -2.39 0.06	36.02 -2.22 0.00	43.50 -2.99 0.29	46.96 -3.16 0.90	41.55 -3.13 0.00	32.97 -2.52 0.00	33.06 -2.65 0.06	30.51 -2.26 0.00	28.82 -2.14 0.01	27.77 -1.81 0.66	27.30 -1.92 2.76	28.06 -2.07 4.40	34.10 -2.43 2.73	40.29 -2.87 1.70	42.68 -3.07 3.02	38.94 -2.82 2.25	36.29 -2.46 0.89	32.29 -2.46 1.92	32.22 -2.58 2.00	31.62 -2.45 0.00
ROCKVIEW_13_KV_LD 356306	40.07 2.16 0.00	38.67 1.98 0.00	37.02 1.86 0.00	37.06 1.87 0.00	38.21 1.92 0.00	40.57 2.33 0.00	50.15 3.37 0.00	56.77 4.08 -1.67	48.38 3.66 -0.04	38.25 2.63 -0.14	38.36 2.47 -0.13	35.21 2.29 -0.15	33.27 2.14 -0.17	32.44 2.12 -0.09	34.04 2.21 0.14	36.53 2.38 0.39	42.03 2.98 0.23	48.53 3.81 0.14	52.87 4.10 0.00	47.60 3.70 0.10	42.85 3.29 0.07	48.32 2.49 -9.17	39.05 2.47 0.21	36.05 1.98 0.00
ROME____115KV_TB2 80656	39.18 1.29 0.02	37.89 1.21 0.01	36.31 1.16 0.01	36.34 1.16 0.01	37.54 1.27 0.01	39.81 1.57 0.00	48.77 2.06 0.07	53.52 2.40 -0.10	46.60 1.92 0.00	36.73 1.24 0.00	36.79 1.04 0.01	33.56 0.79 0.00	31.71 0.74 0.00	30.61 0.67 0.30	31.49 0.77 1.25	33.50 0.97 2.00	39.40 1.37 1.24	45.92 1.84 0.77	50.87 2.10 0.00	45.41 1.85 0.44	40.82 1.59 0.40	37.11 1.32 0.87	36.99 1.10 0.91	35.02 0.95 0.00

ROSETON___1 23587	39.62 1.71 0.00	38.27 1.58 0.00	36.64 1.48 0.00	36.67 1.48 0.00	37.81 1.52 0.00	40.07 1.84 0.00	49.49 2.71 0.00	55.92 3.22 -1.68	47.49 2.82 0.00	37.47 1.99 0.00	37.59 1.82 0.00	34.51 1.74 0.00	32.57 1.61 0.00	31.77 1.60 0.07	33.37 1.69 0.29	35.86 1.79 0.47	41.30 2.32 0.29	47.63 2.96 0.18	51.94 3.17 0.00	46.81 2.90 0.10	42.12 2.57 0.09	38.18 1.98 0.45	38.46 1.88 0.21	35.60 1.53 0.00
ROSETON___2 23588	39.62 1.71 0.00	38.27 1.58 0.00	36.64 1.48 0.00	36.67 1.48 0.00	37.81 1.52 0.00	40.07 1.84 0.00	49.49 2.71 0.00	55.92 3.22 -1.68	47.49 2.82 0.00	37.47 1.99 0.00	37.59 1.82 0.00	34.51 1.74 0.00	32.57 1.61 0.00	31.77 1.60 0.07	33.37 1.69 0.29	35.86 1.79 0.47	41.30 2.32 0.29	47.63 2.96 0.18	51.94 3.17 0.00	46.81 2.90 0.10	42.12 2.57 0.09	38.18 1.98 0.45	38.46 1.88 0.21	35.60 1.53 0.00
ROTTTRDAM_115KV_TB3 80664	39.09 1.18 0.00	37.76 1.06 0.00	36.18 1.02 0.00	36.25 1.06 0.00	37.37 1.09 0.00	39.58 1.34 0.00	48.70 1.92 0.00	55.31 2.14 -2.14	46.46 1.79 0.00	36.73 1.24 0.00	36.84 1.07 0.00	33.75 0.98 0.00	31.86 0.90 0.00	31.10 0.91 0.05	32.72 0.96 0.21	35.31 1.11 0.34	40.55 1.49 0.21	46.61 1.88 0.13	50.82 2.05 0.00	45.78 1.85 0.07	41.23 1.66 0.07	37.76 1.25 0.15	37.82 1.18 0.15	35.09 1.02 0.00
RUSSELL___1 23602	35.62 -2.20 0.09	34.43 -2.20 0.06	32.99 -2.11 0.06	33.06 -2.08 0.06	33.98 -2.25 0.06	36.17 -2.06 0.00	43.74 -2.76 0.29	47.22 -2.91 0.90	41.73 -2.95 0.00	33.14 -2.34 0.00	33.20 -2.50 0.06	30.61 -2.16 0.00	28.94 -2.01 0.01	27.89 -1.69 0.66	27.43 -1.79 2.76	28.20 -1.93 4.40	34.26 -2.28 2.73	40.51 -2.65 1.70	42.97 -2.78 3.02	39.21 -2.55 2.25	36.49 -2.26 0.89	32.47 -2.27 1.92	32.40 -2.39 2.00	31.72 -2.35 0.00
RUSSELL___2 23532	35.62 -2.20 0.09	34.43 -2.20 0.06	32.99 -2.11 0.06	33.06 -2.08 0.06	33.98 -2.25 0.06	36.17 -2.06 0.00	43.74 -2.76 0.29	47.22 -2.91 0.90	41.73 -2.95 0.00	33.14 -2.34 0.00	33.20 -2.50 0.06	30.61 -2.16 0.00	28.94 -2.01 0.01	27.89 -1.69 0.66	27.43 -1.79 2.76	28.20 -1.93 4.40	34.26 -2.28 2.73	40.51 -2.65 1.70	42.97 -2.78 3.02	39.21 -2.55 2.25	36.49 -2.26 0.89	32.47 -2.27 1.92	32.40 -2.39 2.00	31.72 -2.35 0.00
RUSSELL___3 23549	35.62 -2.20 0.09	34.43 -2.20 0.06	32.99 -2.11 0.06	33.06 -2.08 0.06	33.98 -2.25 0.06	36.17 -2.06 0.00	43.74 -2.76 0.29	47.22 -2.91 0.90	41.73 -2.95 0.00	33.14 -2.34 0.00	33.20 -2.50 0.06	30.61 -2.16 0.00	28.94 -2.01 0.01	27.89 -1.69 0.66	27.43 -1.79 2.76	28.20 -1.93 4.40	34.26 -2.28 2.73	40.51 -2.65 1.70	42.97 -2.78 3.02	39.21 -2.55 2.25	36.49 -2.26 0.89	32.47 -2.27 1.92	32.40 -2.39 2.00	31.72 -2.35 0.00
RUSSELL___4 23556	35.62 -2.20 0.09	34.43 -2.20 0.06	32.99 -2.11 0.06	33.06 -2.08 0.06	33.98 -2.25 0.06	36.17 -2.06 0.00	43.74 -2.76 0.29	47.22 -2.91 0.90	41.73 -2.95 0.00	33.14 -2.34 0.00	33.20 -2.50 0.06	30.61 -2.16 0.00	28.94 -2.01 0.01	27.89 -1.69 0.66	27.43 -1.79 2.76	28.20 -1.93 4.40	34.26 -2.28 2.73	40.51 -2.65 1.70	42.97 -2.78 3.02	39.21 -2.55 2.25	36.49 -2.26 0.89	32.47 -2.27 1.92	32.40 -2.39 2.00	31.72 -2.35 0.00
RUSSELL___STATION 23914	35.62 -2.20 0.09	34.43 -2.20 0.06	32.99 -2.11 0.06	33.06 -2.08 0.06	33.98 -2.25 0.06	36.17 -2.06 0.00	43.74 -2.76 0.29	47.22 -2.91 0.90	41.73 -2.95 0.00	33.14 -2.34 0.00	33.20 -2.50 0.06	30.61 -2.16 0.00	28.94 -2.01 0.01	27.89 -1.69 0.66	27.43 -1.79 2.76	28.20 -1.93 4.40	34.26 -2.28 2.73	40.51 -2.65 1.70	42.97 -2.78 3.02	39.21 -2.55 2.25	36.49 -2.26 0.89	32.47 -2.27 1.92	32.40 -2.39 2.00	31.72 -2.35 0.00
S SALMON___HYD 24043	36.85 -1.06 0.00	35.63 -1.07 0.00	34.11 -1.05 0.00	34.17 -1.02 0.00	35.09 -1.20 0.00	37.09 -1.15 0.00	45.52 -1.26 0.00	50.14 -1.27 -0.39	43.25 -1.43 0.00	34.21 -1.28 0.00	34.44 -1.32 0.00	31.49 -1.28 0.00	29.72 -1.24 0.01	28.42 -1.21 0.61	28.12 -1.31 2.54	29.16 -1.31 4.06	35.42 -1.34 2.52	41.98 -1.30 1.57	48.10 -1.31 -0.64	42.15 -1.23 0.62	37.63 -1.19 0.82	33.75 -1.14 1.77	33.74 -1.21 1.84	32.95 -1.12 0.00
S.PERRY___115KV_TB1 80734	36.14 -1.71 0.07	35.00 -1.65 0.04	33.50 -1.62 0.04	33.56 -1.58 0.04	34.75 -1.49 0.04	37.05 -1.19 0.00	44.88 -1.68 0.22	50.42 -1.58 -0.98	42.93 -1.74 0.00	34.99 -0.50 0.00	34.93 -0.79 0.04	32.21 -0.56 0.00	30.40 -0.56 0.01	29.17 -0.48 0.58	29.01 -0.51 2.45	30.21 -0.41 3.91	36.69 -0.16 2.42	43.51 0.18 1.52	50.85 0.34 -1.74	44.06 0.18 0.13	38.97 0.12 0.79	34.77 -0.18 1.70	34.47 -0.55 1.77	33.59 -0.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.69 -4.13 0.09	32.82 -3.82 0.05	31.38 -3.73 0.05	31.44 -3.69 0.05	32.46 -3.77 0.05	34.64 -3.59 0.00	40.82 -5.66 0.30	44.00 -6.12 0.90	39.41 -5.27 0.00	31.37 -4.12 0.00	31.45 -4.26 0.05	29.20 -3.57 0.00	27.71 -3.25 0.01	26.55 -3.05 0.63	26.06 -3.26 2.65	26.68 -3.63 4.23	32.13 -4.52 2.62	37.67 -5.47 1.72	39.83 -5.95 3.00	36.34 -5.41 2.25	34.11 -4.68 0.85	30.31 -4.51 1.84	30.31 -4.56 1.92	30.19 -3.88 0.00
SAWYER___23_KV_LOAD 55526	33.69 -4.13 0.09	32.82 -3.82 0.05	31.38 -3.73 0.05	31.44 -3.69 0.05	32.46 -3.77 0.05	34.64 -3.59 0.00	40.82 -5.66 0.30	44.00 -6.12 0.90	39.41 -5.27 0.00	31.37 -4.12 0.00	31.45 -4.26 0.05	29.20 -3.57 0.00	27.71 -3.25 0.01	26.55 -3.05 0.63	26.06 -3.26 2.65	26.68 -3.63 4.23	32.13 -4.52 2.62	37.67 -5.47 1.72	39.83 -5.95 3.00	36.34 -5.41 2.25	34.11 -4.68 0.85	30.31 -4.51 1.84	30.31 -4.56 1.92	30.19 -3.88 0.00
SELKIRK___I 23801	39.24 1.33 0.00	37.90 1.21 0.00	36.36 1.20 0.00	36.35 1.16 0.00	37.48 1.20 0.00	39.73 1.49 0.00	48.79 2.01 0.00	55.24 2.19 -2.02	46.51 1.83 0.00	36.76 1.28 0.00	36.87 1.11 0.00	33.82 1.05 0.00	31.93 0.96 0.00	31.16 0.97 0.05	32.77 1.02 0.22	35.36 1.17 0.35	40.58 1.53 0.22	46.60 1.88 0.14	50.82 2.05 0.00	45.82 1.89 0.08	41.27 1.70 0.07	37.82 1.32 0.15	37.89 1.25 0.16	35.33 1.26 0.00
SELKIRK___II 23799	39.01 1.10 0.00	37.68 0.99 0.00	36.11 0.95 0.00	36.14 0.95 0.00	37.27 0.98 0.00	39.50 1.26 0.00	48.56 1.78 0.00	55.06 1.99 -2.04	46.37 1.70 0.00	36.69 1.21 0.00	36.80 1.04 0.00	33.75 0.98 0.00	31.89 0.93 0.00	31.10 0.91 0.05	32.71 0.96 0.22	35.26 1.07 0.35	40.47 1.41 0.22	46.47 1.75 0.13	50.67 1.90 0.00	45.69 1.76 0.08	41.15 1.59 0.07	37.68 1.17 0.15	37.74 1.10 0.16	35.16 1.09 0.00
SENECA OSWGO___HYD 24041	36.48 -1.44 -0.01	35.27 -1.43 -0.01	33.79 -1.37 -0.01	33.82 -1.37 -0.01	34.80 -1.49 -0.01	36.86 -1.38 0.00	45.18 -1.64 -0.04	49.81 -1.68 -0.47	42.89 -1.79 0.00	33.93 -1.56 0.00	34.16 -1.61 -0.01	31.26 -1.51 0.00	29.47 -1.49 0.01	28.06 -1.48 0.71	27.49 -1.53 2.95	28.24 -1.59 4.71	34.66 -1.69 2.92	41.24 -1.80 1.82	47.63 -1.95 -0.81	41.60 -1.72 0.69	37.10 -1.59 0.95	33.03 -1.58 2.05	33.00 -1.66 2.14	32.61 -1.46 0.00

SENECA___115KV_TB3 355854	33.77 -4.06 0.09	33.01 -3.63 0.05	31.48 -3.62 0.05	31.58 -3.55 0.05	32.78 -3.45 0.05	34.99 -3.25 0.00	41.02 -5.47 0.29	44.48 -5.77 0.78	39.90 -4.78 0.00	31.76 -3.73 0.00	31.78 -3.93 0.05	29.53 -3.24 0.00	27.99 -2.97 0.01	26.68 -2.93 0.63	26.15 -3.20 2.63	26.83 -3.52 4.19	32.27 -4.40 2.60	38.00 -5.16 1.69	40.42 -5.66 2.70	36.75 -5.15 2.11	34.35 -4.44 0.84	30.51 -4.33 1.82	30.48 -4.42 1.90	30.49 -3.58 0.00
SENECA___ENERGY 23797	36.69 -1.18 0.04	35.57 -1.10 0.03	34.08 -1.05 0.03	34.14 -1.02 0.03	35.28 -0.98 0.03	37.43 -0.80 0.00	45.62 -1.03 0.13	54.80 -0.92 -4.69	43.52 -1.16 0.00	34.42 -1.06 0.00	34.56 -1.18 0.03	31.69 -1.08 0.00	29.87 -1.08 0.01	28.54 -1.06 0.64	28.16 -1.12 2.69	29.10 -1.14 4.30	35.42 -1.18 2.67	42.07 -1.12 1.66	59.51 -1.17 -11.91	47.06 -1.06 -4.11	37.74 -1.03 0.87	33.69 -1.10 1.87	33.59 -1.25 1.95	33.01 -1.06 0.00
SHOEMAKER___GT 23640	39.35 1.44 0.00	38.01 1.32 0.00	36.42 1.26 0.00	36.46 1.26 0.00	37.59 1.30 0.00	39.84 1.61 0.00	49.12 2.34 0.00	55.31 2.75 -1.53	47.04 2.37 0.00	37.09 1.60 0.00	37.23 1.47 0.00	34.15 1.38 0.00	32.24 1.27 0.00	31.41 1.24 0.08	32.96 1.31 0.32	35.48 1.45 0.51	40.84 1.88 0.32	47.17 2.51 0.20	51.45 2.68 0.00	46.36 2.46 0.11	41.75 2.22 0.10	38.30 1.69 0.04	38.11 1.55 0.23	35.33 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	39.35 1.44 0.00	38.01 1.32 0.00	36.39 1.23 0.00	36.42 1.23 0.00	37.56 1.27 0.00	39.84 1.61 0.00	49.12 2.34 0.00	55.30 2.76 -1.52	47.05 2.37 0.00	37.12 1.63 0.00	37.23 1.47 0.00	34.15 1.38 0.00	32.23 1.27 0.00	31.43 1.27 0.08	32.99 1.34 0.32	35.47 1.45 0.51	40.84 1.88 0.32	47.17 2.51 0.20	51.46 2.68 0.00	46.31 2.42 0.11	41.71 2.18 0.10	38.25 1.65 0.06	38.11 1.55 0.23	35.36 1.29 0.00
SHOREHAM_IC_1 23715	44.05 3.64 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.12 3.86 -4.02	58.63 5.47 -6.38	65.87 6.43 -8.41	58.41 5.54 -8.20	45.48 3.80 -6.19	44.85 3.75 -5.33	40.86 3.44 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.24 4.63 -6.33	68.69 5.87 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	52.58 5.12 -7.82	48.62 4.10 -7.86	44.37 3.90 -3.67	41.05 3.30 -3.68
SHOREHAM_IC_2 23716	44.05 3.64 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.12 3.86 -4.02	58.63 5.47 -6.38	65.87 6.43 -8.41	58.41 5.54 -8.20	45.48 3.80 -6.19	44.85 3.75 -5.33	40.86 3.44 -4.65	35.85 3.16 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.24 4.63 -6.33	68.69 5.87 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	52.58 5.12 -7.82	48.62 4.10 -7.86	44.37 3.90 -3.67	41.05 3.30 -3.68
SISSONVILLE____ 23735	37.80 -0.11 0.00	36.69 0.00 0.00	35.16 0.00 0.00	35.19 0.00 0.00	36.36 0.07 0.00	37.86 -0.38 0.00	45.80 -0.98 0.00	49.78 -1.28 -0.03	43.87 -0.80 0.00	34.99 -0.50 0.00	35.37 -0.39 0.00	32.25 -0.52 0.00	30.78 -0.19 0.00	29.89 -0.24 0.11	31.27 -0.26 0.45	33.34 -0.48 0.71	38.08 -0.75 0.44	43.64 -0.94 0.28	47.85 -0.93 0.00	42.84 -1.01 0.16	38.58 -0.91 0.14	35.87 -0.48 0.31	35.99 -0.48 0.32	34.04 -0.03 0.00
SITHE_IND_GS1 24169	35.64 -1.86 0.42	34.64 -1.80 0.26	33.18 -1.72 0.26	33.21 -1.72 0.26	34.21 -1.81 0.26	36.48 -1.76 0.00	43.35 -2.15 1.28	48.93 -2.24 -0.15	42.49 -2.19 0.00	33.64 -1.85 0.00	33.61 -1.90 0.26	31.03 -1.74 0.00	29.28 -1.67 0.01	27.73 -1.63 0.88	26.57 -1.73 3.68	26.83 -1.83 5.88	33.62 -2.00 3.65	40.34 -2.24 2.27	46.36 -2.44 -0.03	40.57 -2.16 1.28	36.47 -1.98 1.18	32.19 -1.91 2.56	32.21 -1.91 2.67	32.30 -1.77 0.00
SITHE_IND_GS2 24170	35.64 -1.86 0.42	34.64 -1.80 0.26	33.18 -1.72 0.26	33.21 -1.72 0.26	34.21 -1.81 0.26	36.48 -1.76 0.00	43.35 -2.15 1.28	48.93 -2.24 -0.15	42.49 -2.19 0.00	33.64 -1.85 0.00	33.61 -1.90 0.26	31.03 -1.74 0.00	29.28 -1.67 0.01	27.73 -1.63 0.88	26.57 -1.73 3.68	26.83 -1.83 5.88	33.62 -2.00 3.65	40.34 -2.24 2.27	46.36 -2.44 -0.03	40.57 -2.16 1.28	36.47 -1.98 1.18	32.19 -1.91 2.56	32.21 -1.91 2.67	32.30 -1.77 0.00
SITHE_IND_GS3 24171	35.64 -1.86 0.42	34.64 -1.80 0.26	33.18 -1.72 0.26	33.21 -1.72 0.26	34.21 -1.81 0.26	36.48 -1.76 0.00	43.35 -2.15 1.28	48.93 -2.24 -0.15	42.49 -2.19 0.00	33.64 -1.85 0.00	33.61 -1.90 0.26	31.03 -1.74 0.00	29.28 -1.67 0.01	27.73 -1.63 0.88	26.57 -1.73 3.68	26.83 -1.83 5.88	33.62 -2.00 3.65	40.34 -2.24 2.27	46.36 -2.44 -0.03	40.57 -2.16 1.28	36.47 -1.98 1.18	32.19 -1.91 2.56	32.21 -1.91 2.67	32.30 -1.77 0.00
SITHE_IND_GS4 24172	35.64 -1.86 0.42	34.64 -1.80 0.26	33.18 -1.72 0.26	33.21 -1.72 0.26	34.21 -1.81 0.26	36.48 -1.76 0.00	43.35 -2.15 1.28	48.93 -2.24 -0.15	42.49 -2.19 0.00	33.64 -1.85 0.00	33.61 -1.90 0.26	31.03 -1.74 0.00	29.28 -1.67 0.01	27.73 -1.63 0.88	26.57 -1.73 3.68	26.83 -1.83 5.88	33.62 -2.00 3.65	40.34 -2.24 2.27	46.36 -2.44 -0.03	40.57 -2.16 1.28	36.47 -1.98 1.18	32.19 -1.91 2.56	32.21 -1.91 2.67	32.30 -1.77 0.00
SITHE___BATAVIA 24024	34.79 -3.03 0.09	33.74 -2.90 0.06	32.33 -2.78 0.06	32.43 -2.71 0.06	33.40 -2.83 0.06	35.64 -2.60 0.00	42.56 -3.93 0.29	45.92 -4.18 0.92	40.83 -3.84 0.00	32.22 -3.26 0.00	32.38 -3.33 0.06	29.85 -2.92 0.00	28.36 -2.60 0.01	27.24 -2.36 0.65	26.78 -2.49 2.70	27.53 -2.69 4.31	33.38 -3.22 2.67	39.38 -3.77 1.71	41.55 -4.15 3.07	37.99 -3.74 2.28	35.60 -3.17 0.87	31.63 -3.15 1.88	31.49 -3.35 1.96	31.31 -2.76 0.00
SITHE___INDEPEND 23800	35.68 -1.82 0.42	34.63 -1.80 0.26	33.18 -1.72 0.26	33.21 -1.72 0.26	34.21 -1.81 0.26	36.48 -1.76 0.00	43.35 -2.15 1.28	48.93 -2.25 -0.15	42.49 -2.19 0.00	33.68 -1.81 0.00	33.61 -1.90 0.26	31.03 -1.74 0.00	29.28 -1.67 0.01	27.73 -1.63 0.88	26.57 -1.73 3.68	26.83 -1.83 5.88	33.62 -2.00 3.65	40.34 -2.24 2.27	46.41 -2.39 -0.03	40.57 -2.16 1.28	36.47 -1.98 1.18	32.19 -1.91 2.56	32.21 -1.91 2.67	32.30 -1.77 0.00
SITHE___MASSENA 23902	38.21 0.30 0.00	37.10 0.40 0.00	35.55 0.39 0.00	35.58 0.39 0.00	36.76 0.47 0.00	38.35 0.12 0.00	46.50 -0.28 0.00	50.51 -0.51 0.00	44.54 -0.13 0.00	35.59 0.11 0.00	36.02 0.25 0.00	32.93 0.16 0.00	31.34 0.37 0.00	30.53 0.33 0.05	32.09 0.32 0.21	34.38 0.17 0.33	38.99 -0.08 0.20	44.46 -0.27 0.13	48.53 -0.24 0.00	43.58 -0.35 0.07	39.30 -0.28 0.07	36.59 0.07 0.14	36.83 0.18 0.15	34.38 0.31 0.00
SITHE___OGDNSBRG 24021	38.56 0.64 0.00	37.43 0.73 0.00	35.86 0.70 0.00	35.89 0.70 0.00	37.16 0.87 0.00	38.74 0.50 0.00	46.97 0.19 0.00	51.13 0.10 0.00	45.03 0.36 0.00	35.91 0.43 0.00	36.30 0.54 0.00	33.10 0.33 0.00	31.55 0.59 0.00	30.67 0.51 0.08	32.20 0.58 0.35	34.39 0.41 0.56	39.16 0.24 0.35	44.82 0.18 0.22	49.07 0.29 0.00	44.01 0.13 0.12	39.64 0.12 0.11	36.92 0.51 0.25	37.05 0.52 0.26	34.75 0.68 0.00

SITHE___STERLING 23777	38.76 0.87 0.03	37.48 0.81 0.02	35.91 0.77 0.02	35.98 0.81 0.02	37.14 0.87 0.02	39.43 1.19 0.00	48.29 1.59 0.08	52.97 1.83 -0.11	46.11 1.43 0.00	36.37 0.89 0.00	36.46 0.72 0.02	33.29 0.52 0.00	31.46 0.49 0.00	30.32 0.42 0.34	31.05 0.51 1.43	32.90 0.65 2.29	38.79 0.94 1.42	45.27 1.30 0.89	50.23 1.46 0.00	44.78 1.28 0.50	40.28 1.11 0.46	36.54 0.88 1.00	36.45 0.70 1.04	34.68 0.61 0.00
SLEIGHT__34_KV_TB1 80719	36.02 -1.82 0.08	34.81 -1.83 0.05	33.35 -1.76 0.05	33.42 -1.72 0.05	34.42 -1.81 0.05	36.63 -1.61 0.00	44.53 -2.01 0.24	47.95 -2.09 0.98	42.44 -2.23 0.00	33.61 -1.88 0.00	33.68 -2.04 0.05	30.97 -1.80 0.00	29.19 -1.77 0.01	28.01 -1.57 0.66	27.55 -1.66 2.76	28.41 -1.73 4.40	34.65 -1.88 2.73	41.05 -2.11 1.70	43.33 -2.19 3.25	39.64 -2.02 2.35	36.93 -1.82 0.89	32.87 -1.87 1.92	32.77 -2.02 2.00	32.13 -1.94 0.00
SOUTH CAIRO___GT 23612	40.45 2.54 0.00	39.00 2.31 0.00	37.44 2.28 0.00	37.48 2.29 0.00	38.64 2.36 0.00	41.14 2.90 0.00	50.71 3.93 0.00	56.54 3.57 -1.95	47.63 2.95 0.00	37.26 1.77 0.00	37.16 1.39 0.00	33.89 1.11 0.00	31.99 1.02 0.00	31.15 0.97 0.06	32.88 1.15 0.24	35.71 1.56 0.38	41.23 2.20 0.24	47.62 2.91 0.15	52.19 3.41 0.00	47.00 3.08 0.08	42.22 2.66 0.08	38.69 2.20 0.17	38.61 1.99 0.17	36.18 2.11 0.00
SOUTH HAMPTN___IC 23720	44.43 4.02 -2.50	41.19 3.74 -0.76	39.28 3.55 -0.57	38.98 3.55 -0.23	40.64 3.66 -0.69	46.54 4.28 -4.02	59.20 6.04 -6.38	66.53 7.09 -8.41	58.95 6.08 -8.20	45.87 4.19 -6.19	45.24 4.15 -5.33	41.19 3.77 -4.65	36.16 3.47 -1.72	35.98 3.39 -2.36	37.91 3.61 -2.32	44.59 4.00 -6.04	50.63 5.03 -6.33	69.23 6.41 -17.96	69.49 6.88 -13.83	59.85 6.34 -9.51	53.01 5.55 -7.82	49.02 4.51 -7.85	44.73 4.27 -3.67	41.36 3.61 -3.68
SOUTHDOW_115KV_TB1 355954	34.53 -3.30 0.08	33.89 -2.75 0.05	32.26 -2.85 0.05	32.40 -2.74 0.05	33.88 -2.36 0.05	36.25 -1.99 0.00	42.44 -4.07 0.27	46.85 -3.78 0.39	41.82 -2.86 0.00	33.14 -2.34 0.00	33.10 -2.61 0.05	30.71 -2.06 0.00	29.07 -1.89 0.01	27.52 -2.12 0.61	27.06 -2.37 2.55	27.84 -2.62 4.07	33.49 -3.26 2.52	39.67 -3.54 1.64	43.06 -3.95 1.76	38.59 -3.74 1.68	35.69 -3.13 0.82	31.62 -3.26 1.77	31.42 -3.53 1.85	31.41 -2.66 0.00
SOUTHOLD_69_KV_BK 2 55809	44.92 4.51 -2.50	41.67 4.22 -0.76	39.77 4.04 -0.57	39.44 4.01 -0.23	41.15 4.17 -0.69	47.12 4.86 -4.02	59.99 6.83 -6.38	67.45 8.01 -8.41	59.71 6.84 -8.20	46.40 4.72 -6.19	45.74 4.65 -5.33	41.62 4.19 -4.65	36.53 3.84 -1.72	36.38 3.78 -2.36	38.32 4.03 -2.32	45.07 4.49 -6.04	51.22 5.62 -6.33	69.99 7.18 -17.96	70.31 7.71 -13.83	60.51 7.00 -9.51	53.68 6.22 -7.82	49.53 5.02 -7.85	45.26 4.78 -3.68	41.87 4.12 -3.68
SOUTHOLD___IC 23719	44.92 4.51 -2.50	41.67 4.22 -0.76	39.77 4.04 -0.57	39.47 4.05 -0.23	41.15 4.17 -0.69	47.12 4.86 -4.02	59.94 6.78 -6.38	67.45 8.01 -8.41	59.71 6.84 -8.20	46.36 4.68 -6.19	45.74 4.65 -5.33	41.65 4.23 -4.65	36.56 3.87 -1.72	36.38 3.78 -2.36	38.32 4.03 -2.32	45.07 4.49 -6.04	51.22 5.62 -6.33	69.99 7.18 -17.96	70.36 7.76 -13.83	60.60 7.09 -9.51	53.68 6.22 -7.82	49.60 5.09 -7.85	45.25 4.78 -3.67	41.87 4.12 -3.68
SOUTH_FORK_WT_PWR 323839	44.99 4.59 -2.50	41.74 4.29 -0.76	39.80 4.08 -0.57	39.50 4.08 -0.23	41.22 4.24 -0.69	47.16 4.90 -4.02	60.04 6.88 -6.38	67.50 8.06 -8.41	59.80 6.93 -8.20	46.44 4.76 -6.19	45.78 4.68 -5.33	41.68 4.26 -4.65	36.59 3.90 -1.72	36.41 3.81 -2.36	38.36 4.06 -2.32	45.10 4.52 -6.04	51.30 5.69 -6.33	70.04 7.22 -17.96	70.41 7.80 -13.83	60.69 7.18 -9.51	53.76 6.30 -7.82	49.64 5.13 -7.85	45.32 4.86 -3.67	41.91 4.15 -3.68
SPIERFLS_115KV_TB 1 80737	38.78 0.87 0.00	37.43 0.73 0.00	35.90 0.74 0.00	35.93 0.74 0.00	37.08 0.80 0.00	39.46 1.22 0.00	48.70 1.92 0.00	55.34 2.19 -2.12	46.33 1.65 0.00	36.37 0.89 0.00	36.41 0.64 0.00	33.23 0.46 0.00	31.31 0.34 0.00	30.55 0.36 0.05	32.18 0.42 0.21	34.86 0.66 0.34	40.36 1.30 0.21	46.48 1.75 0.13	50.72 1.95 0.00	45.69 1.76 0.07	41.08 1.51 0.07	37.43 0.92 0.15	37.38 0.74 0.15	34.72 0.65 0.00
ST LAWRENCE____ 23600	37.87 -0.04 0.00	36.77 0.07 0.00	35.23 0.07 0.00	35.23 0.04 0.00	36.39 0.11 0.00	38.01 -0.23 0.00	46.13 -0.65 0.00	50.05 -0.97 0.00	44.14 -0.53 0.00	35.28 -0.21 0.00	35.73 -0.04 0.00	32.70 -0.07 0.00	31.03 0.06 0.00	30.23 0.03 0.04	31.85 0.03 0.16	34.22 -0.07 0.25	38.76 -0.35 0.15	44.13 -0.63 0.10	48.09 -0.68 0.00	43.29 -0.66 0.05	38.99 -0.59 0.05	36.37 -0.18 0.11	36.61 -0.07 0.11	34.10 0.03 0.00
STATE_CA_115KV_115_LB 55624	39.13 1.21 0.00	37.79 1.10 0.00	36.25 1.09 0.00	36.28 1.09 0.00	37.37 1.09 0.00	39.69 1.45 0.00	48.89 2.11 0.00	55.39 2.30 -2.07	46.64 1.97 0.00	36.91 1.42 0.00	36.95 1.18 0.00	33.92 1.15 0.00	32.02 1.05 0.00	31.25 1.06 0.05	32.88 1.12 0.22	35.47 1.28 0.34	40.71 1.65 0.21	46.74 2.02 0.13	50.97 2.19 0.00	45.96 2.02 0.08	41.35 1.78 0.07	37.86 1.36 0.15	37.89 1.25 0.16	35.40 1.33 0.00
STATE_ST_34_KV_LOAD 55959	37.12 -0.76 0.04	35.90 -0.77 0.02	34.40 -0.74 0.02	34.46 -0.70 0.02	35.57 -0.69 0.02	37.78 -0.46 0.00	46.20 -0.47 0.11	52.89 -0.31 -2.17	44.10 -0.58 0.00	34.88 -0.60 0.00	34.99 -0.75 0.02	32.05 -0.72 0.00	30.18 -0.77 0.01	28.84 -0.76 0.64	28.48 -0.80 2.70	29.43 -0.79 4.31	35.85 -0.75 2.67	42.56 -0.63 1.67	53.35 -0.59 -5.16	44.68 -0.57 -1.24	38.21 -0.55 0.87	34.09 -0.70 1.87	33.99 -0.85 1.96	33.29 -0.78 0.00
STATION 5_MISC_HYD 23604	35.43 -2.39 0.09	34.28 -2.35 0.06	32.85 -2.25 0.06	32.85 -2.29 0.06	33.83 -2.40 0.06	36.02 -2.22 0.00	43.50 -2.99 0.29	46.96 -3.16 0.90	41.55 -3.13 0.00	32.82 -2.66 0.00	33.06 -2.65 0.06	30.41 -2.36 0.00	28.82 -2.14 0.01	27.77 -1.81 0.66	27.27 -1.95 2.76	28.03 -2.11 4.40	34.07 -2.47 2.73	40.24 -2.91 1.70	42.58 -3.17 3.02	38.90 -2.86 2.25	36.25 -2.50 0.89	32.32 -2.42 1.92	32.22 -2.58 2.00	31.75 -2.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.60 -1.25 0.06	35.41 -1.25 0.04	33.92 -1.20 0.04	33.99 -1.16 0.04	35.08 -1.16 0.04	37.28 -0.96 0.00	45.42 -1.17 0.19	47.34 -1.12 2.56	43.34 -1.34 0.00	34.28 -1.21 0.00	34.37 -1.36 0.04	31.56 -1.21 0.00	29.75 -1.21 0.01	28.50 -1.09 0.66	28.07 -1.15 2.75	28.97 -1.17 4.39	35.33 -1.22 2.72	41.95 -1.21 1.70	40.08 -1.22 7.47	38.68 -1.19 4.14	37.68 -1.07 0.88	33.57 -1.17 1.91	33.44 -1.36 1.99	32.74 -1.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.43 -2.39 0.09	34.21 -2.42 0.06	32.82 -2.29 0.06	32.85 -2.29 0.06	33.76 -2.47 0.06	35.94 -2.29 0.00	43.51 -2.99 0.28	46.66 -3.16 1.20	41.55 -3.13 0.00	32.97 -2.52 0.00	33.06 -2.65 0.06	30.44 -2.33 0.00	28.79 -2.17 0.01	27.71 -1.87 0.66	27.23 -1.98 2.76	27.99 -2.14 4.41	34.06 -2.47 2.73	40.24 -2.92 1.70	41.88 -3.07 3.82	38.60 -2.82 2.59	36.25 -2.50 0.89	32.25 -2.49 1.92	32.18 -2.61 2.00	31.55 -2.52 0.00

STA_56___34_KV_BUS2 355983	35.43 -2.39 0.09	34.21 -2.42 0.06	32.82 -2.29 0.06	32.85 -2.29 0.06	33.76 -2.47 0.06	35.94 -2.29 0.00	43.51 -2.99 0.28	46.66 -3.16 1.20	41.55 -3.13 0.00	32.97 -2.52 0.00	33.06 -2.65 0.06	30.44 -2.33 0.00	28.79 -2.17 0.01	27.71 -1.87 0.66	27.23 -1.98 2.76	27.99 -2.14 4.41	34.06 -2.47 2.73	40.24 -2.92 1.70	41.88 -3.07 3.82	38.60 -2.82 2.59	36.25 -2.50 0.89	32.25 -2.49 1.92	32.18 -2.61 2.00	31.55 -2.52 0.00
STA_67___115KV_BK2 355882	35.39 -2.43 0.09	34.25 -2.38 0.06	32.82 -2.29 0.06	32.88 -2.25 0.06	33.76 -2.47 0.06	35.94 -2.29 0.00	43.41 -3.09 0.29	46.87 -3.27 0.89	41.46 -3.22 0.00	32.90 -2.59 0.00	32.99 -2.72 0.06	30.44 -2.33 0.00	28.79 -2.17 0.01	27.71 -1.87 0.66	27.23 -1.98 2.76	27.99 -2.14 4.40	34.02 -2.51 2.73	40.15 -3.01 1.70	42.59 -3.17 3.01	38.86 -2.90 2.24	36.21 -2.54 0.89	32.21 -2.53 1.92	32.18 -2.61 2.00	31.55 -2.52 0.00
STA_7___115KV_9TRANS 80674	35.62 -2.20 0.09	34.43 -2.20 0.06	32.99 -2.11 0.06	33.06 -2.08 0.06	33.98 -2.25 0.06	36.17 -2.06 0.00	43.74 -2.76 0.29	47.22 -2.91 0.90	41.73 -2.95 0.00	33.14 -2.34 0.00	33.20 -2.50 0.06	30.61 -2.16 0.00	28.94 -2.01 0.01	27.89 -1.69 0.66	27.43 -1.79 2.76	28.20 -1.93 4.40	34.26 -2.28 2.73	40.51 -2.65 1.70	42.97 -2.78 3.02	39.21 -2.55 2.25	36.49 -2.26 0.89	32.47 -2.27 1.92	32.40 -2.39 2.00	31.72 -2.35 0.00
STA_82___115KV_TB1 80780	35.43 -2.39 0.09	34.25 -2.38 0.06	32.82 -2.29 0.06	32.88 -2.25 0.06	33.76 -2.47 0.06	35.94 -2.29 0.00	43.41 -3.09 0.28	46.84 -3.27 0.92	41.46 -3.22 0.00	32.93 -2.56 0.00	33.02 -2.68 0.06	30.44 -2.33 0.00	28.79 -2.17 0.01	27.74 -1.84 0.66	27.24 -1.98 2.75	28.00 -2.14 4.40	34.03 -2.51 2.73	40.20 -2.96 1.70	42.52 -3.17 3.08	38.87 -2.86 2.28	36.21 -2.54 0.89	32.25 -2.49 1.91	32.19 -2.61 2.00	31.55 -2.52 0.00
STEEL___WIND 323596	33.77 -4.06 0.09	32.97 -3.67 0.05	31.56 -3.55 0.05	31.79 -3.34 0.05	32.75 -3.48 0.05	34.99 -3.25 0.00	40.97 -5.52 0.29	44.43 -5.82 0.78	39.85 -4.83 0.00	31.55 -3.94 0.00	31.67 -4.04 0.05	29.40 -3.37 0.00	27.99 -2.97 0.01	26.68 -2.93 0.63	26.15 -3.20 2.63	26.83 -3.52 4.19	32.27 -4.40 2.60	38.01 -5.16 1.69	40.32 -5.76 2.70	36.70 -5.19 2.11	34.35 -4.44 0.84	30.51 -4.33 1.82	30.44 -4.45 1.90	30.70 -3.37 0.00
STEPHTWN_115KV_BK_2 55603	39.50 1.59 0.00	38.09 1.39 0.00	36.57 1.41 0.00	36.60 1.41 0.00	37.70 1.42 0.00	40.07 1.84 0.00	49.40 2.62 0.00	55.99 2.91 -2.05	47.13 2.46 0.00	37.23 1.74 0.00	37.27 1.50 0.00	34.15 1.38 0.00	32.24 1.27 0.00	31.43 1.24 0.05	33.10 1.34 0.22	35.74 1.55 0.35	41.10 2.04 0.21	47.23 2.51 0.13	51.46 2.68 0.00	46.44 2.51 0.08	41.79 2.22 0.07	38.23 1.72 0.15	38.22 1.58 0.16	35.67 1.60 0.00
STEBUBEN_REC_LFGE 323667	37.44 -0.42 0.05	36.48 -0.18 0.03	34.88 -0.25 0.03	34.98 -0.18 0.03	36.43 0.18 0.03	38.77 0.54 0.00	46.70 0.09 0.17	53.85 0.51 -2.32	44.95 0.27 0.00	35.63 0.14 0.03	35.62 -0.11 0.03	32.74 -0.03 0.00	30.87 -0.09 0.01	29.46 -0.24 0.54	29.41 -0.32 2.24	30.68 -0.28 3.58	36.97 -0.08 2.22	43.76 0.31 1.41	54.26 0.34 -5.14	45.61 0.22 -1.39	39.07 0.16 0.72	34.99 -0.11 1.56	34.65 -0.52 1.63	33.90 -0.17 0.00
STILLWATER___SOLAR 323814	39.54 1.63 0.00	38.16 1.47 0.00	36.60 1.44 0.00	36.63 1.44 0.00	37.77 1.49 0.00	40.11 1.87 0.00	49.40 2.62 0.00	56.09 2.96 -2.11	47.09 2.41 0.00	37.05 1.56 0.00	37.12 1.36 0.00	33.98 1.21 0.00	32.05 1.08 0.00	31.25 1.06 0.05	32.91 1.15 0.21	35.59 1.38 0.34	41.02 1.96 0.21	47.24 2.51 0.13	51.50 2.73 0.00	46.40 2.46 0.07	41.75 2.18 0.07	38.16 1.65 0.15	38.15 1.51 0.15	35.43 1.36 0.00
STONY___BROOK 24151	43.97 3.56 -2.50	40.75 3.30 -0.76	38.85 3.13 -0.57	38.55 3.13 -0.23	40.20 3.23 -0.69	46.05 3.79 -4.02	58.45 5.28 -6.38	65.66 6.22 -8.41	58.37 5.49 -8.20	45.55 3.87 -6.19	44.88 3.79 -5.33	40.86 3.44 -4.65	35.88 3.19 -1.72	35.74 3.15 -2.36	37.65 3.36 -2.32	44.28 3.70 -6.04	50.20 4.59 -6.33	68.33 5.52 -17.96	68.55 5.95 -13.83	59.19 5.68 -9.51	52.46 4.99 -7.82	48.59 4.07 -7.86	44.33 3.86 -3.67	40.99 3.24 -3.68
STURGEON_POOL_HYD 23609	39.81 1.90 0.00	38.42 1.72 0.00	36.78 1.62 0.00	36.81 1.62 0.00	37.95 1.67 0.00	40.23 1.99 0.00	49.68 2.90 0.00	55.86 3.11 -1.72	47.58 2.90 0.00	37.51 2.02 0.00	37.59 1.82 0.00	34.44 1.67 0.00	32.48 1.52 0.00	31.69 1.51 0.07	33.29 1.60 0.28	35.84 1.76 0.45	41.23 2.24 0.28	47.69 3.01 0.18	51.99 3.22 0.00	46.81 2.90 0.10	42.20 2.66 0.09	38.48 2.02 0.20	38.54 1.95 0.21	35.64 1.57 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.54 1.63 0.00	38.16 1.47 0.00	36.53 1.37 0.00	36.56 1.37 0.00	37.70 1.42 0.00	40.00 1.76 0.00	49.40 2.62 0.00	55.70 3.11 -1.56	47.36 2.68 0.00	37.37 1.88 0.00	37.48 1.72 0.00	34.38 1.61 0.00	32.45 1.49 0.00	31.65 1.48 0.08	33.23 1.57 0.31	35.69 1.66 0.50	41.12 2.16 0.31	47.53 2.87 0.19	51.80 3.02 0.00	46.62 2.73 0.11	42.03 2.50 0.10	38.54 1.87 -0.01	38.33 1.77 0.23	35.53 1.46 0.00
SWANROAD_115KV_TB1 355699	32.93 -4.89 0.09	32.05 -4.59 0.05	30.67 -4.43 0.05	30.74 -4.40 0.05	31.66 -4.57 0.05	33.80 -4.44 0.00	39.84 -6.64 0.29	42.77 -7.35 0.91	38.33 -6.34 0.00	30.55 -4.93 0.00	30.60 -5.11 0.05	28.41 -4.36 0.00	26.96 -3.99 0.01	25.92 -3.69 0.64	25.38 -3.93 2.67	25.93 -4.35 4.25	31.25 -5.38 2.64	36.77 -6.37 1.72	38.71 -7.02 3.04	35.40 -6.34 2.27	33.35 -5.43 0.86	29.60 -5.21 1.85	29.64 -5.22 1.93	29.47 -4.60 0.00
SYNERGY___BIOGAS 323694	34.79 -3.03 0.09	33.74 -2.90 0.06	32.33 -2.78 0.06	32.43 -2.71 0.06	33.40 -2.83 0.06	35.64 -2.60 0.00	42.56 -3.93 0.29	45.92 -4.18 0.92	40.83 -3.84 0.00	32.22 -3.26 0.00	32.38 -3.33 0.06	29.85 -2.92 0.00	28.36 -2.60 0.01	27.24 -2.36 0.65	26.78 -2.49 2.70	27.53 -2.69 4.31	33.38 -3.22 2.67	39.38 -3.77 1.71	41.55 -4.15 3.07	37.99 -3.74 2.28	35.60 -3.17 0.87	31.63 -3.15 1.88	31.49 -3.35 1.96	31.31 -2.76 0.00
SYRACUSE___ENERGY_ST1 323597	36.97 -0.91 0.03	35.76 -0.92 0.02	34.23 -0.91 0.02	34.29 -0.88 0.02	35.32 -0.94 0.02	37.44 -0.80 0.00	45.75 -0.94 0.09	51.12 -0.92 -1.01	43.60 -1.07 0.00	34.53 -0.96 0.00	34.67 -1.07 0.02	31.75 -1.02 0.00	29.90 -1.05 0.01	28.55 -1.03 0.67	28.10 -1.09 2.79	28.98 -1.11 4.45	35.41 -1.10 2.76	42.01 -1.12 1.72	49.77 -1.17 -2.17	42.89 -1.06 0.06	37.75 -0.99 0.90	33.69 -1.03 1.94	33.63 -1.14 2.02	33.05 -1.02 0.00
SYRACUSE___ENERGY_ST2 323598	36.97 -0.91 0.03	35.76 -0.92 0.02	34.23 -0.91 0.02	34.29 -0.88 0.02	35.32 -0.94 0.02	37.44 -0.80 0.00	45.75 -0.94 0.09	51.12 -0.92 -1.01	43.60 -1.07 0.00	34.53 -0.96 0.00	34.67 -1.07 0.02	31.75 -1.02 0.00	29.90 -1.05 0.01	28.55 -1.03 0.67	28.10 -1.09 2.79	28.98 -1.11 4.45	35.41 -1.10 2.76	42.01 -1.12 1.72	49.77 -1.17 -2.17	42.89 -1.06 0.06	37.75 -0.99 0.90	33.69 -1.03 1.94	33.63 -1.14 2.02	33.05 -1.02 0.00

SYRACUSE___POWER 24017	36.84 -1.02 0.05	35.64 -1.03 0.03	34.15 -0.98 0.03	34.18 -0.99 0.03	35.24 -1.02 0.03	37.40 -0.84 0.00	45.66 -0.98 0.14	50.68 -0.97 -0.62	43.60 -1.07 0.00	34.49 -0.99 0.00	34.63 -1.11 0.03	31.75 -1.02 0.00	29.91 -1.05 0.01	28.61 -1.00 0.63	28.27 -1.06 2.65	29.20 -1.11 4.23	35.54 -1.10 2.63	42.10 -1.12 1.64	48.70 -1.17 -1.10	42.49 -1.06 0.46	37.79 -0.99 0.85	33.75 -1.06 1.84	33.70 -1.18 1.92	33.01 -1.06 0.00
TALLMAN___138KV_BK151 55660	39.73 1.82 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.74 1.55 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.63 2.85 0.00	56.10 3.47 -1.60	47.72 3.04 0.00	37.62 2.13 0.00	37.77 2.00 0.00	34.64 1.87 0.00	32.73 1.77 0.00	31.92 1.75 0.07	33.49 1.82 0.31	35.98 1.93 0.49	41.44 2.47 0.30	47.90 3.23 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.35 2.81 0.10	38.90 2.09 -0.16	38.60 2.02 0.22	35.70 1.64 0.00
TEALLAVE_115KV_TB7 355573	36.61 -1.25 0.05	35.38 -1.28 0.03	33.90 -1.23 0.03	33.96 -1.20 0.03	34.98 -1.27 0.03	37.13 -1.11 0.00	45.31 -1.31 0.16	50.11 -1.33 -0.41	43.25 -1.43 0.00	34.24 -1.24 0.00	34.37 -1.36 0.03	31.53 -1.25 0.00	29.72 -1.24 0.01	28.40 -1.21 0.63	28.09 -1.25 2.63	29.02 -1.31 4.20	35.29 -1.37 2.61	41.75 -1.48 1.63	47.83 -1.56 -0.62	41.94 -1.41 0.66	37.48 -1.31 0.85	33.51 -1.32 1.83	33.45 -1.43 1.91	32.74 -1.33 0.00
TELGRAPH_34_KV_EAST 80808	34.07 -3.75 0.09	33.08 -3.56 0.06	31.66 -3.45 0.06	31.72 -3.41 0.06	32.71 -3.52 0.06	34.95 -3.29 0.00	41.48 -5.01 0.29	44.65 -5.46 0.92	39.85 -4.83 0.00	31.65 -3.83 0.00	31.70 -4.01 0.06	29.36 -3.41 0.00	27.80 -3.16 0.01	26.73 -2.87 0.64	26.25 -3.04 2.69	26.90 -3.35 4.29	32.52 -4.08 2.66	38.30 -4.84 1.71	40.44 -5.27 3.06	36.93 -4.80 2.28	34.65 -4.12 0.86	30.76 -4.03 1.87	30.73 -4.12 1.95	30.42 -3.65 0.00
TEMPLE___115KV_TB 2 55572	36.61 -1.25 0.05	35.41 -1.25 0.03	33.93 -1.20 0.03	33.96 -1.20 0.03	35.02 -1.23 0.03	37.13 -1.11 0.00	45.36 -1.26 0.16	50.15 -1.28 -0.40	43.29 -1.38 0.00	34.28 -1.21 0.00	34.41 -1.32 0.03	31.56 -1.21 0.00	29.72 -1.24 0.01	28.43 -1.18 0.63	28.08 -1.25 2.65	29.00 -1.31 4.23	35.31 -1.34 2.62	41.78 -1.44 1.64	47.85 -1.51 -0.59	41.96 -1.36 0.68	37.52 -1.27 0.85	33.50 -1.32 1.84	33.48 -1.40 1.92	32.77 -1.29 0.00
TIANA___69_KV_BK 1 55817	44.28 3.87 -2.50	41.08 3.63 -0.76	39.17 3.45 -0.57	38.87 3.45 -0.23	40.53 3.56 -0.69	46.43 4.17 -4.02	59.01 5.85 -6.38	66.33 6.89 -8.41	58.82 5.94 -8.20	45.76 4.08 -6.19	45.10 4.01 -5.33	41.06 3.64 -4.65	36.03 3.34 -1.72	35.89 3.30 -2.36	37.81 3.52 -2.32	44.48 3.90 -6.04	50.51 4.91 -6.33	69.05 6.23 -17.96	69.29 6.68 -13.83	59.59 6.07 -9.51	52.89 5.43 -7.82	48.84 4.33 -7.85	44.63 4.16 -3.68	41.29 3.54 -3.68
TILDEN___115KV_TB1 80814	36.84 -1.02 0.05	35.64 -1.03 0.03	34.15 -0.98 0.03	34.18 -0.99 0.03	35.24 -1.02 0.03	37.40 -0.84 0.00	45.66 -0.98 0.14	50.68 -0.97 -0.62	43.60 -1.07 0.00	34.49 -0.99 0.00	34.63 -1.11 0.03	31.75 -1.02 0.00	29.91 -1.05 0.01	28.61 -1.00 0.63	28.27 -1.06 2.65	29.20 -1.11 4.23	35.54 -1.10 2.63	42.10 -1.12 1.64	48.70 -1.17 -1.10	42.49 -1.06 0.46	37.79 -0.99 0.85	33.75 -1.06 1.84	33.70 -1.18 1.92	33.01 -1.06 0.00
TRIGEN___CC 323695	43.03 2.62 -2.50	39.87 2.42 -0.76	38.01 2.29 -0.57	37.68 2.25 -0.23	39.33 2.36 -0.69	45.05 2.79 -4.02	57.04 3.88 -6.38	64.03 4.59 -8.41	56.98 4.11 -8.20	44.66 2.98 -6.19	43.92 2.83 -5.33	40.08 2.65 -4.65	35.17 2.48 -1.72	35.05 2.45 -2.36	36.85 2.56 -2.32	43.34 2.76 -6.04	48.98 3.38 -6.33	67.07 4.26 -17.96	67.14 4.54 -13.83	57.61 4.09 -9.51	51.19 3.73 -7.82	47.64 2.90 -8.09	43.34 2.87 -3.68	40.14 2.38 -3.68
TRINITY___115KV___ 4 BK 55933	39.05 1.14 0.00	37.68 0.99 0.00	36.14 0.98 0.00	36.21 1.02 0.00	37.26 0.98 0.00	39.54 1.30 0.00	48.70 1.92 0.00	55.23 2.14 -2.06	46.51 1.83 0.00	36.80 1.31 0.00	36.84 1.07 0.00	33.82 1.05 0.00	31.96 0.99 0.00	31.19 1.00 0.05	32.81 1.06 0.22	35.37 1.17 0.35	40.59 1.53 0.21	46.61 1.88 0.13	50.82 2.05 0.00	45.82 1.89 0.08	41.23 1.66 0.07	37.75 1.25 0.15	37.81 1.18 0.16	35.33 1.26 0.00
UNION___PROCESSING_DRP 323587	35.43 -2.39 0.09	34.25 -2.38 0.06	32.85 -2.25 0.06	32.88 -2.25 0.06	33.80 -2.43 0.06	35.94 -2.29 0.00	43.46 -3.04 0.28	46.83 -3.27 0.93	41.46 -3.22 0.00	32.93 -2.56 0.00	33.03 -2.68 0.06	30.44 -2.33 0.00	28.79 -2.17 0.01	27.74 -1.84 0.66	27.27 -1.95 2.75	28.03 -2.11 4.40	34.03 -2.51 2.73	40.20 -2.96 1.70	42.54 -3.12 3.12	38.86 -2.86 2.29	36.21 -2.54 0.89	32.25 -2.49 1.91	32.19 -2.61 2.00	31.55 -2.52 0.00
UPPER HUDSON___HYD 24058	38.78 0.87 0.00	37.43 0.73 0.00	35.90 0.74 0.00	35.93 0.74 0.00	37.08 0.80 0.00	39.46 1.22 0.00	48.70 1.92 0.00	55.34 2.19 -2.12	46.33 1.65 0.00	36.34 0.85 0.00	36.41 0.64 0.00	33.23 0.46 0.00	31.31 0.34 0.00	30.56 0.36 0.05	32.18 0.41 0.21	34.86 0.65 0.34	40.36 1.29 0.21	46.52 1.80 0.13	50.77 2.00 0.00	45.70 1.76 0.07	41.08 1.51 0.07	37.43 0.92 0.15	37.38 0.74 0.15	34.71 0.65 0.00
UPPER RAQUET___HYD 24056	37.80 -0.11 0.00	36.69 0.00 0.00	35.16 0.00 0.00	35.19 0.00 0.00	36.36 0.07 0.00	37.86 -0.38 0.00	45.80 -0.98 0.00	49.78 -1.27 -0.03	43.87 -0.80 0.00	35.02 -0.46 0.00	35.37 -0.39 0.00	32.28 -0.49 0.00	30.75 -0.22 0.00	29.89 -0.24 0.11	31.27 -0.26 0.45	33.34 -0.48 0.71	38.08 -0.75 0.44	43.64 -0.94 0.28	47.84 -0.93 0.00	42.84 -1.01 0.16	38.58 -0.91 0.14	35.83 -0.51 0.31	35.99 -0.48 0.32	34.00 -0.07 0.00
VALLEY44_115KV_TB2 355964	33.09 -4.74 0.08	32.72 -3.93 0.05	31.07 -4.04 0.05	31.20 -3.94 0.05	33.01 -3.23 0.05	35.14 -3.10 0.00	40.58 -5.94 0.26	44.81 -5.92 0.30	40.34 -4.33 0.00	32.04 -3.44 0.00	32.07 -3.65 0.05	29.82 -2.95 0.00	28.26 -2.69 0.01	26.40 -3.24 0.60	25.87 -3.58 2.53	26.50 -4.01 4.03	31.94 -4.83 2.50	37.90 -5.34 1.62	41.29 -5.95 1.53	36.84 -5.59 1.58	34.07 -4.76 0.81	30.29 -4.62 1.75	30.15 -4.82 1.83	30.73 -3.34 0.00
VALLEY___115KV_TB 1-4 80826	38.44 0.53 0.00	37.13 0.44 0.00	35.58 0.42 0.00	35.61 0.42 0.00	36.72 0.44 0.00	38.85 0.61 0.00	47.67 0.89 0.00	52.10 1.07 0.00	45.57 0.89 0.00	36.05 0.57 0.00	36.27 0.50 0.00	33.20 0.43 0.00	31.37 0.40 0.00	30.54 0.36 0.06	32.13 0.42 0.26	34.54 0.41 0.41	39.64 0.63 0.25	45.50 0.81 0.16	49.70 0.93 0.00	44.75 0.84 0.09	40.27 0.71 0.08	37.10 0.62 0.18	37.16 0.55 0.19	34.55 0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.36 2.46 0.02	39.03 2.35 0.01	37.33 2.18 0.01	37.36 2.18 0.01	38.63 2.36 0.01	40.99 2.75 0.00	50.28 3.56 0.06	56.28 4.13 -1.12	48.12 3.44 0.00	37.86 2.38 0.00	37.83 2.07 0.01	34.57 1.80 0.00	32.64 1.67 0.00	31.56 1.54 0.23	32.71 1.69 0.96	34.94 1.93 1.53	40.84 2.51 0.95	47.58 3.32 0.60	53.50 3.71 -1.02	47.44 3.34 -0.09	42.34 3.01 0.31	38.49 2.49 0.66	38.38 2.28 0.69	36.08 2.01 0.00

VISCHER___FERRY HYD 24020	39.43 1.52 0.00	38.05 1.36 0.00	36.50 1.34 0.00	36.53 1.34 0.00	37.63 1.34 0.00	39.96 1.72 0.00	49.17 2.38 0.00	55.81 2.70 -2.08	46.95 2.28 0.00	37.09 1.60 0.00	37.16 1.39 0.00	34.08 1.31 0.00	32.17 1.21 0.00	31.37 1.18 0.05	33.01 1.25 0.21	35.62 1.42 0.34	40.95 1.88 0.21	47.10 2.38 0.13	51.36 2.58 0.00	46.26 2.33 0.07	41.67 2.10 0.07	38.12 1.61 0.15	38.15 1.51 0.15	35.43 1.36 0.00
V_A_10_SYNC_DSASP 323832	34.22 -3.60 0.09	33.22 -3.41 0.06	31.83 -3.27 0.06	31.82 -3.31 0.06	32.67 -3.55 0.06	34.84 -3.40 0.00	41.73 -4.77 0.28	45.37 -5.21 0.45	39.76 -4.91 0.00	31.51 -3.97 0.00	31.84 -3.86 0.06	29.36 -3.41 0.00	27.92 -3.03 0.01	26.99 -2.60 0.65	26.48 -2.78 2.71	27.13 -3.07 4.34	32.77 -3.81 2.69	38.54 -4.67 1.65	41.65 -5.22 1.91	37.64 -4.62 1.75	34.76 -4.00 0.87	30.96 -3.81 1.89	30.92 -3.90 1.97	30.63 -3.44 0.00
V_CMM_10_SYNC_DSASP 323787	38.03 0.11 0.00	36.91 0.22 0.00	35.37 0.21 0.00	35.37 0.18 0.00	36.54 0.26 0.00	38.16 -0.08 0.00	46.31 -0.47 0.00	50.31 -0.71 0.00	44.32 -0.36 0.00	35.45 -0.04 0.00	35.87 0.11 0.00	32.84 0.07 0.00	31.12 0.16 0.00	30.36 0.15 0.04	31.95 0.13 0.16	34.36 0.07 0.25	38.92 -0.20 0.15	44.31 -0.45 0.10	48.29 -0.49 0.00	43.47 -0.48 0.05	39.15 -0.44 0.05	36.48 -0.07 0.11	36.72 0.04 0.11	34.24 0.17 0.00
V_CMP_10_SYNC_DSASP 323788	39.66 1.74 0.00	38.49 1.80 0.00	36.92 1.76 0.00	36.95 1.76 0.00	38.24 1.96 0.00	40.00 1.76 0.00	47.95 1.17 0.00	51.33 0.31 0.00	45.97 1.30 0.00	36.73 1.24 0.00	37.09 1.32 0.00	33.85 1.08 0.00	32.14 1.18 0.00	31.32 1.12 0.04	32.95 1.15 0.17	35.44 1.17 0.27	40.24 1.14 0.17	46.05 1.30 0.11	50.19 1.42 0.00	45.00 1.05 0.06	40.53 0.95 0.06	37.68 1.14 0.12	37.85 1.18 0.12	35.74 1.67 0.00
V_D_10_SYNC_DSASP 323841	38.21 0.30 0.00	37.10 0.40 0.00	35.58 0.42 0.00	35.58 0.39 0.00	36.76 0.47 0.00	38.35 0.12 0.00	46.55 -0.23 0.00	50.56 -0.46 0.00	44.54 -0.13 0.00	35.59 0.11 0.00	36.02 0.25 0.00	32.93 0.16 0.00	31.34 0.37 0.00	30.53 0.33 0.05	32.09 0.32 0.20	34.39 0.17 0.32	38.99 -0.08 0.20	44.46 -0.27 0.12	48.53 -0.24 0.00	43.63 -0.31 0.07	39.30 -0.28 0.07	36.59 0.07 0.14	36.83 0.18 0.15	34.41 0.34 0.00
V_E_10_SYNC_DSASP 323830	41.22 3.34 0.03	39.90 3.23 0.02	38.17 3.02 0.02	38.30 3.13 0.02	39.72 3.45 0.02	42.29 4.05 0.00	51.70 5.01 0.09	58.29 5.92 -1.35	49.24 4.56 0.00	38.33 2.84 0.00	38.18 2.43 0.02	34.74 1.97 0.00	32.79 1.83 0.01	31.52 1.69 0.41	32.17 1.92 1.72	34.14 2.35 2.75	40.90 3.34 1.71	48.41 4.62 1.07	56.34 5.41 -2.15	49.02 4.71 -0.30	43.13 4.04 0.55	38.98 3.52 1.20	38.60 3.05 1.25	36.90 2.83 0.00
V_F_30_NSYNC___DSASP 323816	39.58 1.67 0.00	38.20 1.50 0.00	36.64 1.48 0.00	36.67 1.48 0.00	37.81 1.52 0.00	40.15 1.91 0.00	49.45 2.67 0.00	56.15 3.01 -2.12	47.13 2.46 0.00	37.09 1.60 0.00	37.16 1.39 0.00	34.02 1.24 0.00	32.08 1.11 0.00	31.28 1.09 0.05	32.95 1.18 0.21	35.62 1.42 0.34	41.06 2.00 0.21	47.28 2.56 0.13	51.55 2.78 0.00	46.44 2.51 0.07	41.79 2.22 0.07	38.20 1.69 0.15	38.19 1.55 0.15	35.47 1.40 0.00
V_F_30_SYNC_DSASP 323786	39.13 1.21 0.00	37.79 1.10 0.00	36.25 1.09 0.00	36.28 1.09 0.00	37.37 1.09 0.00	39.65 1.41 0.00	48.84 2.06 0.00	55.39 2.30 -2.07	46.64 1.97 0.00	36.91 1.42 0.00	36.95 1.18 0.00	33.92 1.15 0.00	32.02 1.05 0.00	31.25 1.06 0.05	32.88 1.12 0.22	35.47 1.28 0.34	40.71 1.65 0.21	46.74 2.02 0.13	50.97 2.19 0.00	45.96 2.02 0.08	41.35 1.78 0.07	37.86 1.36 0.15	37.89 1.25 0.16	35.40 1.33 0.00
V_XM_10_SYNC_DSASP 323789	39.66 1.74 0.00	38.49 1.80 0.00	36.92 1.76 0.00	36.95 1.76 0.00	38.24 1.96 0.00	40.00 1.76 0.00	47.95 1.17 0.00	51.33 0.31 0.00	45.97 1.30 0.00	36.73 1.24 0.00	37.09 1.32 0.00	33.85 1.08 0.00	32.14 1.18 0.00	31.32 1.12 0.04	32.95 1.15 0.17	35.44 1.17 0.27	40.24 1.14 0.17	46.05 1.30 0.11	50.19 1.42 0.00	45.00 1.05 0.06	40.53 0.95 0.06	37.68 1.14 0.12	37.85 1.18 0.12	35.74 1.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.85 1.93 0.00	38.45 1.76 0.00	36.81 1.65 0.00	36.84 1.65 0.00	37.99 1.71 0.00	40.30 2.06 0.00	49.82 3.04 0.00	56.31 3.67 -1.61	47.85 3.17 0.00	37.72 2.24 0.00	37.88 2.11 0.00	34.74 1.97 0.00	32.79 1.83 0.00	31.98 1.81 0.07	33.55 1.89 0.31	36.09 2.04 0.49	41.56 2.59 0.30	48.03 3.36 0.19	52.33 3.56 0.00	47.11 3.21 0.11	42.47 2.93 0.10	39.06 2.20 -0.20	38.71 2.13 0.22	35.81 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.19 2.27 0.00	38.75 2.05 0.00	37.06 1.90 0.00	37.06 1.87 0.00	38.24 1.96 0.00	40.61 2.37 0.00	50.24 3.46 0.00	56.83 4.13 -1.67	50.80 3.75 -2.37	46.22 2.73 -8.00	45.76 2.58 -7.42	43.83 2.43 -8.63	43.03 2.26 -9.80	41.58 2.24 -9.10	43.23 2.37 -8.89	41.65 2.52 -4.59	45.93 3.14 -3.51	51.12 3.90 -2.36	52.93 4.15 -0.02	47.66 3.74 0.09	44.15 3.41 -1.10	45.19 2.53 -6.01	39.17 2.58 0.20	36.15 2.08 0.00
W50THST__13_KV_LOAD 356117	40.34 2.43 0.00	38.89 2.20 0.00	37.20 2.04 0.00	37.23 2.04 0.00	38.43 2.14 0.00	40.80 2.56 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.12 4.07 -2.37	46.47 2.98 -8.01	46.01 2.83 -7.42	44.03 2.62 -8.64	43.25 2.48 -9.80	41.79 2.45 -9.10	43.42 2.56 -8.89	41.86 2.73 -4.59	46.16 3.38 -3.52	51.39 4.17 -2.36	53.23 4.44 -0.02	47.92 4.00 0.09	44.39 3.65 -1.10	45.45 2.75 -6.04	39.36 2.76 0.20	36.32 2.25 0.00
WADING RIVER_IC_1 23522	44.05 3.64 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.12 3.86 -4.02	58.63 5.47 -6.38	65.87 6.43 -8.41	58.46 5.58 -8.20	45.51 3.83 -6.19	44.88 3.79 -5.33	40.86 3.44 -4.65	35.88 3.19 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.28 3.70 -6.04	50.24 4.63 -6.33	68.69 5.87 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	52.58 5.12 -7.82	48.62 4.10 -7.85	44.37 3.90 -3.67	41.05 3.30 -3.68
WADING RIVER_IC_2 23547	44.05 3.64 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.12 3.86 -4.02	58.63 5.47 -6.38	65.87 6.43 -8.41	58.46 5.58 -8.20	45.51 3.83 -6.19	44.88 3.79 -5.33	40.86 3.44 -4.65	35.88 3.19 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.28 3.70 -6.04	50.24 4.63 -6.33	68.69 5.87 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	52.58 5.12 -7.82	48.62 4.10 -7.85	44.37 3.90 -3.67	41.05 3.30 -3.68
WADING RIVER_IC_3 23601	44.05 3.64 -2.50	40.82 3.37 -0.76	38.93 3.20 -0.57	38.63 3.20 -0.23	40.28 3.30 -0.69	46.12 3.86 -4.02	58.63 5.47 -6.38	65.87 6.43 -8.41	58.46 5.58 -8.20	45.51 3.83 -6.19	44.88 3.79 -5.33	40.86 3.44 -4.65	35.88 3.19 -1.72	35.71 3.12 -2.36	37.62 3.33 -2.32	44.28 3.70 -6.04	50.24 4.63 -6.33	68.69 5.87 -17.96	68.90 6.29 -13.83	59.32 5.81 -9.51	52.58 5.12 -7.82	48.62 4.10 -7.85	44.37 3.90 -3.67	41.05 3.30 -3.68

WALDENNY_12_KV_BK2 80841	33.73 -4.09 0.09	32.93 -3.71 0.05	31.45 -3.66 0.05	31.55 -3.59 0.05	32.71 -3.52 0.05	34.95 -3.29 0.00	40.97 -5.52 0.29	44.42 -5.82 0.79	39.81 -4.87 0.00	31.69 -3.80 0.00	31.71 -4.01 0.05	29.43 -3.34 0.00	27.92 -3.03 0.01	26.62 -2.99 0.63	26.15 -3.20 2.63	26.78 -3.56 4.20	32.27 -4.40 2.60	38.00 -5.16 1.70	40.33 -5.71 2.74	36.69 -5.19 2.13	34.35 -4.44 0.85	30.51 -4.33 1.83	30.44 -4.45 1.90	30.42 -3.65 0.00
WALDEN___HYDRO 24148	39.85 1.93 0.00	38.45 1.76 0.00	36.81 1.65 0.00	36.84 1.65 0.00	37.99 1.71 0.00	40.34 2.10 0.00	49.82 3.04 0.00	56.13 3.47 -1.63	47.67 2.99 0.00	37.51 2.02 0.00	37.59 1.82 0.00	34.44 1.67 0.00	32.48 1.52 0.00	31.68 1.51 0.07	33.30 1.63 0.30	35.85 1.80 0.48	41.33 2.36 0.30	47.85 3.18 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.31 2.77 0.10	38.57 2.13 0.21	38.60 2.02 0.22	35.74 1.67 0.00
WARRENSBURG___ 23737	38.78 0.87 0.00	37.43 0.73 0.00	35.90 0.74 0.00	35.93 0.74 0.00	37.08 0.80 0.00	39.46 1.22 0.00	48.70 1.92 0.00	55.34 2.19 -2.12	46.33 1.65 0.00	36.34 0.85 0.00	36.41 0.64 0.00	33.23 0.46 0.00	31.31 0.34 0.00	30.56 0.36 0.05	32.18 0.41 0.21	34.86 0.65 0.34	40.36 1.29 0.21	46.52 1.80 0.13	50.77 2.00 0.00	45.70 1.76 0.07	41.08 1.51 0.07	37.43 0.92 0.15	37.38 0.74 0.15	34.71 0.65 0.00
WATERSIDE___6 8 9 23538	40.34 2.43 0.00	38.89 2.20 0.00	37.16 2.00 0.00	37.16 1.97 0.00	38.35 2.07 0.00	40.72 2.49 0.00	50.34 3.56 0.00	56.98 4.29 -1.67	50.99 3.89 -2.42	46.42 2.77 -8.16	45.91 2.58 -7.57	43.97 2.39 -8.80	43.22 2.26 -9.99	41.73 2.21 -9.28	43.38 2.33 -9.07	41.71 2.49 -4.69	46.00 3.14 -3.59	51.31 4.04 -2.41	53.08 4.29 -0.02	47.79 3.87 0.09	44.21 3.45 -1.13	45.62 2.53 -6.43	39.25 2.65 0.20	36.25 2.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.33 0.42 0.00	37.06 0.37 0.00	35.51 0.35 0.00	35.54 0.35 0.00	36.65 0.36 0.00	38.74 0.50 0.00	47.53 0.75 0.00	51.94 0.92 0.00	45.44 0.76 0.00	35.98 0.50 0.00	36.16 0.39 0.00	33.13 0.36 0.00	31.31 0.34 0.00	30.48 0.30 0.06	32.07 0.35 0.26	34.47 0.35 0.41	39.57 0.55 0.25	45.41 0.72 0.16	49.55 0.78 0.00	44.66 0.75 0.09	40.19 0.63 0.08	36.99 0.51 0.18	37.09 0.48 0.19	34.44 0.37 0.00
WATSON___69_KV_BK 1 55734	44.09 3.68 -2.50	40.90 3.45 -0.76	39.00 3.27 -0.57	38.70 3.27 -0.23	40.35 3.37 -0.69	46.20 3.94 -4.02	58.73 5.57 -6.38	65.92 6.48 -8.41	58.55 5.67 -8.20	45.65 3.97 -6.19	44.95 3.86 -5.33	40.96 3.54 -4.65	35.97 3.28 -1.72	35.83 3.24 -2.36	37.75 3.45 -2.32	44.38 3.80 -6.04	50.36 4.75 -6.33	68.78 5.97 -17.96	69.00 6.39 -13.83	59.32 5.81 -9.51	52.61 5.15 -7.82	48.68 4.14 -7.88	44.45 3.97 -3.68	41.12 3.37 -3.68
WDELAWARE___HYD 323627	39.27 1.36 0.00	37.87 1.17 0.00	36.25 1.09 0.00	36.28 1.09 0.00	37.41 1.13 0.00	39.73 1.49 0.00	49.12 2.34 0.00	55.19 2.65 -1.51	46.87 2.19 0.00	36.76 1.28 0.00	36.84 1.07 0.00	33.69 0.92 0.00	30.97 0.00 0.00	30.13 -0.03 0.08	31.68 0.03 0.32	34.13 0.10 0.52	39.46 0.51 0.32	45.82 1.16 0.20	50.04 1.27 0.00	45.12 1.23 0.11	41.59 2.06 0.10	37.97 1.54 0.22	37.92 1.36 0.23	35.06 0.99 0.00
WEST BABYLON___IC 23714	43.86 3.45 -2.50	40.68 3.23 -0.76	38.75 3.02 -0.57	38.45 3.03 -0.23	40.10 3.12 -0.69	45.89 3.63 -4.02	58.31 5.15 -6.38	65.46 6.02 -8.41	58.15 5.27 -8.20	45.44 3.76 -6.19	44.70 3.61 -5.33	40.77 3.34 -4.65	35.79 3.10 -1.72	35.65 3.05 -2.36	37.53 3.23 -2.32	44.10 3.52 -6.04	50.04 4.44 -6.33	68.37 5.56 -17.96	68.56 5.95 -13.83	58.88 5.37 -9.51	52.30 4.84 -7.82	48.46 3.85 -7.95	44.19 3.72 -3.68	40.92 3.17 -3.68
WEST CANADA___HYD 24049	38.14 0.23 0.00	36.91 0.22 0.00	35.34 0.18 0.00	35.37 0.18 0.00	36.47 0.18 0.00	38.54 0.30 0.00	47.25 0.47 0.00	51.59 0.56 0.00	45.17 0.49 0.00	35.77 0.28 0.00	36.02 0.25 0.00	33.00 0.23 0.00	31.15 0.19 0.00	30.36 0.18 0.06	31.91 0.19 0.26	34.37 0.24 0.41	39.37 0.35 0.25	45.19 0.49 0.16	49.31 0.54 0.00	44.40 0.48 0.09	39.99 0.44 0.08	36.77 0.29 0.18	36.87 0.26 0.19	34.27 0.21 0.00
WESTERN_NY_WIND 24143	34.71 -3.11 0.09	33.66 -2.97 0.06	32.22 -2.88 0.06	32.28 -2.85 0.06	33.33 -2.90 0.06	35.60 -2.64 0.00	42.47 -4.02 0.29	45.77 -4.34 0.92	40.75 -3.93 0.00	32.29 -3.19 0.00	32.31 -3.40 0.06	29.85 -2.92 0.00	28.29 -2.66 0.01	27.18 -2.42 0.64	26.72 -2.56 2.70	27.47 -2.76 4.30	33.30 -3.30 2.67	39.24 -3.90 1.71	41.56 -4.15 3.07	37.90 -3.83 2.28	35.48 -3.29 0.87	31.52 -3.26 1.87	31.42 -3.42 1.95	31.00 -3.07 0.00
WESTOVER___LESR 323668	37.46 -0.42 0.03	36.31 -0.37 0.02	34.75 -0.39 0.02	34.82 -0.35 0.02	36.01 -0.25 0.02	38.20 -0.04 0.00	46.49 -0.19 0.10	52.28 0.00 -1.25	44.54 -0.13 0.00	35.24 -0.25 0.00	35.35 -0.39 0.02	32.44 -0.33 0.00	30.65 -0.31 0.01	29.46 -0.36 0.42	29.82 -0.38 1.77	31.30 -0.41 2.82	37.21 -0.31 1.75	43.62 -0.13 1.10	50.41 -0.20 -1.83	43.98 -0.18 -0.15	38.91 -0.16 0.57	35.10 -0.33 1.23	35.00 -0.52 1.28	33.69 -0.37 0.00
WETHRSFD_WT_PWR 323626	33.66 -4.17 0.09	32.82 -3.82 0.05	31.41 -3.69 0.05	31.62 -3.52 0.05	32.53 -3.70 0.05	34.72 -3.52 0.00	40.83 -5.66 0.29	44.15 -6.02 0.86	39.54 -5.14 0.00	31.33 -4.15 0.00	31.49 -4.22 0.05	29.20 -3.57 0.00	27.80 -3.16 0.01	26.59 -3.02 0.63	26.04 -3.29 2.64	26.70 -3.63 4.22	32.14 -4.51 2.62	37.81 -5.34 1.71	39.89 -6.00 2.89	36.44 -5.37 2.20	34.19 -4.60 0.85	30.35 -4.47 1.83	30.28 -4.60 1.91	30.49 -3.58 0.00
WHAVSTOR_138KV_BK127 55557	39.69 1.78 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.70 1.51 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.63 2.85 0.00	56.11 3.47 -1.61	47.72 3.04 0.00	37.62 2.13 0.00	37.77 2.00 0.00	34.64 1.87 0.00	32.73 1.77 0.00	31.92 1.75 0.07	33.49 1.82 0.31	35.98 1.93 0.49	41.44 2.47 0.30	47.90 3.23 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.31 2.77 0.10	38.96 2.09 -0.21	38.60 2.02 0.22	35.70 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.69 1.78 0.00	38.34 1.65 0.00	36.71 1.55 0.00	36.70 1.51 0.00	37.88 1.60 0.00	40.19 1.95 0.00	49.63 2.85 0.00	56.11 3.47 -1.61	47.72 3.04 0.00	37.62 2.13 0.00	37.77 2.00 0.00	34.64 1.87 0.00	32.73 1.77 0.00	31.92 1.75 0.07	33.49 1.82 0.31	35.98 1.93 0.49	41.44 2.47 0.30	47.90 3.23 0.19	52.19 3.41 0.00	46.98 3.08 0.11	42.31 2.77 0.10	38.96 2.09 -0.21	38.60 2.02 0.22	35.70 1.64 0.00
WHITEHAL_115KV_TB1 80871	39.66 1.74 0.00	38.27 1.58 0.00	36.67 1.51 0.00	36.74 1.55 0.00	37.95 1.67 0.00	40.46 2.22 0.00	49.96 3.18 0.00	56.77 3.62 -2.12	47.45 2.77 0.00	37.12 1.63 0.00	37.12 1.36 0.00	33.85 1.08 0.00	31.83 0.87 0.00	31.10 0.91 0.05	32.75 0.99 0.21	35.55 1.35 0.34	41.30 2.24 0.21	47.60 2.87 0.13	51.94 3.17 0.00	46.75 2.82 0.07	42.03 2.46 0.07	38.23 1.72 0.15	38.15 1.51 0.15	35.43 1.36 0.00

WHITEPLN_13_KV_LOAD 356215	40.19 2.27 0.00	38.82 2.13 0.00	37.16 2.00 0.00	37.16 1.97 0.00	38.32 2.03 0.00	40.72 2.49 0.00	50.38 3.60 0.00	57.02 4.34 -1.66	48.56 3.89 0.00	38.25 2.77 0.00	38.38 2.61 0.00	35.20 2.43 0.00	33.20 2.23 0.00	32.41 2.24 0.07	34.01 2.33 0.30	36.59 2.52 0.47	42.16 3.18 0.29	48.71 4.04 0.18	53.11 4.34 0.00	47.82 3.92 0.10	42.99 3.45 0.10	39.84 2.60 -0.58	39.16 2.58 0.21	36.18 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	44.01 3.60 -2.50	40.79 3.34 -0.76	38.89 3.16 -0.57	38.59 3.17 -0.23	40.24 3.27 -0.69	46.08 3.82 -4.02	58.59 5.43 -6.38	65.82 6.38 -8.41	58.37 5.50 -8.20	45.48 3.80 -6.19	44.85 3.76 -5.33	40.83 3.41 -4.65	35.82 3.13 -1.72	35.71 3.11 -2.36	37.62 3.33 -2.32	44.24 3.66 -6.04	50.20 4.59 -6.33	68.64 5.83 -17.96	68.85 6.24 -13.83	59.19 5.68 -9.51	52.53 5.07 -7.82	48.51 4.00 -7.86	44.34 3.86 -3.68	41.02 3.27 -3.68
WOODARD__115KV_TB2 355635	36.58 -1.29 0.05	35.38 -1.28 0.03	33.90 -1.23 0.03	33.93 -1.23 0.03	34.95 -1.31 0.03	37.05 -1.19 0.00	45.28 -1.36 0.15	50.14 -1.43 -0.54	43.20 -1.47 0.00	34.21 -1.28 0.00	34.34 -1.39 0.03	31.49 -1.28 0.00	29.69 -1.27 0.01	28.35 -1.24 0.66	27.92 -1.31 2.75	28.80 -1.35 4.39	35.13 -1.41 2.72	41.63 -1.53 1.70	48.13 -1.61 -0.97	42.00 -1.45 0.56	37.41 -1.35 0.88	33.39 -1.36 1.91	33.37 -1.43 1.99	32.74 -1.33 0.00
YORK___WARBASSE 23770	40.57 2.65 0.00	39.04 2.35 0.00	37.30 2.14 0.00	37.30 2.11 0.00	38.50 2.21 0.00	40.84 2.60 0.00	50.48 3.70 0.00	57.13 4.44 -1.67	51.16 4.07 -2.42	46.52 2.87 -8.16	46.01 2.68 -7.57	44.07 2.49 -8.80	43.28 2.32 -9.99	41.82 2.30 -9.28	43.48 2.43 -9.07	41.82 2.59 -4.69	46.16 3.30 -3.59	51.57 4.31 -2.41	53.42 4.63 -0.02	48.06 4.14 0.09	44.41 3.65 -1.13	45.68 2.71 -6.31	39.43 2.83 0.20	36.39 2.32 0.00