

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		03/24/2025																													
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00						
59TH STREET_GT_1 24138	EDT	40.23	38.85	37.25	36.38	38.14	43.55	55.28	63.39	58.31	54.10	54.00	52.85	47.91	46.20	44.57	44.06	44.70	52.20	58.20	64.13	59.40	48.75	43.14	42.33						
		1.81	1.85	1.87	1.83	1.92	2.15	3.37	4.42	4.07	3.96	4.00	4.05	3.71	3.62	3.34	3.11	3.24	3.69	3.81	4.14	3.88	3.14	2.60	2.24						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1 24260		40.30	38.93	37.28	36.45	38.18	43.64	55.34	63.39	58.30	53.95	53.84	52.70	47.83	46.08	44.57	44.02	44.61	52.06	58.25	64.20	59.46	48.80	43.14	42.41						
		1.88	1.92	1.91	1.90	1.96	2.24	3.43	4.42	4.07	3.81	3.85	3.90	3.62	3.49	3.34	3.07	3.15	3.54	3.86	4.20	3.94	3.19	2.59	2.33						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2 24261		40.30	38.93	37.28	36.45	38.18	43.64	55.34	63.39	58.30	53.95	53.84	52.70	47.83	46.08	44.57	44.02	44.61	52.06	58.25	64.20	59.46	48.80	43.14	42.41						
		1.88	1.92	1.91	1.90	1.96	2.24	3.43	4.42	4.07	3.81	3.85	3.90	3.62	3.49	3.34	3.07	3.15	3.54	3.86	4.20	3.94	3.19	2.59	2.33						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS 24011		40.53	39.00	37.35	36.49	38.11	43.80	54.19	61.98	57.22	52.85	52.49	51.34	46.50	44.71	43.21	42.88	43.33	50.56	57.00	62.94	58.46	47.84	43.18	42.73						
		2.11	2.00	1.98	1.93	1.88	2.40	2.28	3.01	2.98	2.71	2.50	2.54	2.30	2.13	1.98	1.92	1.87	2.04	2.61	2.94	2.94	2.23	2.64	2.65						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798		40.69	39.11	37.46	36.62	38.22	43.97	54.35	62.21	57.44	53.05	52.64	51.48	46.63	44.80	43.25	42.96	43.45	50.70	57.16	63.18	58.73	48.02	43.42	42.93						
		2.27	2.11	2.09	2.07	1.99	2.57	2.44	3.24	3.20	2.91	2.65	2.68	2.43	2.21	2.02	2.01	1.99	2.19	2.77	3.18	3.22	2.42	2.88	2.85						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028		40.53	39.00	37.35	36.49	38.11	43.80	54.19	61.98	57.22	52.85	52.49	51.34	46.50	44.71	43.21	42.88	43.33	50.56	57.00	62.94	58.46	47.84	43.18	42.73						
		2.11	2.00	1.98	1.93	1.88	2.40	2.28	3.01	2.98	2.71	2.50	2.54	2.30	2.13	1.98	1.92	1.87	2.04	2.61	2.94	2.94	2.23	2.64	2.65						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM 23527		40.42	38.93	37.25	36.38	38.14	43.64	54.81	62.45	57.60	53.00	52.79	51.83	47.03	45.31	43.74	43.49	43.95	51.23	57.71	63.72	58.96	48.34	42.93	42.45						
		2.00	1.92	1.87	1.83	1.92	2.23	2.91	3.48	3.36	2.86	2.80	3.03	2.83	2.73	2.52	2.54	2.49	2.72	3.32	3.72	3.44	2.74	2.39	2.36						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190		39.03	37.60	35.97	35.17	36.81	42.11	52.90	60.39	55.59	51.34	51.19	50.12	45.44	43.78	42.34	41.97	42.46	49.59	55.64	61.38	56.85	46.70	41.43	41.01						
		0.61	0.59	0.60	0.62	0.58	0.70	0.99	1.42	1.36	1.20	1.20	1.32	1.24	1.19	1.11	1.02	1.00	1.07	1.25	1.38	1.33	1.09	0.89	0.92						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683		38.42	37.04	35.34	34.45	36.12	41.15	51.55	58.50	53.75	49.59	49.49	48.36	43.80	42.29	40.98	40.66	41.21	48.28	54.06	59.58	55.18	45.24	40.14	39.77						
		0.00	0.04	-0.04	-0.10	-0.11	-0.25	-0.36	-0.47	-0.49	-0.55	-0.50	-0.44	-0.40	-0.30	-0.25	-0.29	-0.25	-0.24	-0.33	-0.42	-0.33	-0.36	-0.41	-0.32						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_1_SOLAR 323833		39.65	38.19	36.54	35.69	37.35	42.77	53.73	61.27	56.41	52.04	51.79	50.61	45.84	44.11	42.59	42.34	42.83	50.07	56.34	62.22	57.57	47.25	42.04	41.57						
		1.23	1.18	1.17	1.14	1.12	1.36	1.82	2.30	2.17	1.90	1.80	1.81	1.64	1.53	1.36	1.39	1.37	1.55	1.96	2.22	2.06	1.64	1.50	1.48						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR 323834		39.61	38.15	36.54	35.69	37.35	42.73	53.73	61.27	56.35	52.04	51.74	50.61	45.84	44.07	42.59	42.30	42.83	50.07	56.29	62.15	57.57	47.25	42.00	41.57						
		1.19	1.15	1.17	1.14	1.12	1.32	1.82	2.30	2.11	1.90	1.75	1.81	1.64	1.49	1.36	1.35	1.37	1.55	1.90	2.16	2.06	1.64	1.46	1.48						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___1 23571		39.03	37.60	35.97	35.17	36.81	42.11	52.90	60.39	55.59	51.34	51.19	50.12	45.44	43.78	42.34	41.97	42.46	49.59	55.64	61.38	56.85	46.70	41.43	41.01						
		0.61	0.59	0.60	0.62	0.58	0.70	0.99	1.42	1.36	1.20	1.20	1.32	1.24	1.19	1.11	1.02	1.00	1.07	1.25	1.38	1.33	1.09	0.89	0.92						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	39.03 0.61 0.00	37.60 0.59 0.00	35.97 0.60 0.00	35.17 0.62 0.00	36.81 0.58 0.00	42.11 0.70 0.00	52.90 0.99 0.00	60.39 1.42 0.00	55.59 1.36 0.00	51.34 1.20 0.00	51.19 1.20 0.00	50.12 1.32 0.00	45.44 1.24 0.00	43.78 1.19 0.00	42.34 1.11 0.00	41.97 1.02 0.00	42.46 1.00 0.00	49.59 1.07 0.00	55.64 1.25 0.00	61.38 1.38 0.00	56.85 1.33 0.00	46.70 1.09 0.00	41.43 0.89 0.00	41.01 0.92 0.00
ALBANY___3 23573	39.03 0.61 0.00	37.60 0.59 0.00	35.97 0.60 0.00	35.17 0.62 0.00	36.81 0.58 0.00	42.11 0.70 0.00	52.90 0.99 0.00	60.39 1.42 0.00	55.59 1.36 0.00	51.34 1.20 0.00	51.19 1.20 0.00	50.12 1.32 0.00	45.44 1.24 0.00	43.78 1.19 0.00	42.34 1.11 0.00	41.97 1.02 0.00	42.46 1.00 0.00	49.59 1.07 0.00	55.64 1.25 0.00	61.38 1.38 0.00	56.85 1.33 0.00	46.70 1.09 0.00	41.43 0.89 0.00	41.01 0.92 0.00
ALBANY___4 23574	39.03 0.61 0.00	37.60 0.59 0.00	35.97 0.60 0.00	35.17 0.62 0.00	36.81 0.58 0.00	42.11 0.70 0.00	52.90 0.99 0.00	60.39 1.42 0.00	55.59 1.36 0.00	51.34 1.20 0.00	51.19 1.20 0.00	50.12 1.32 0.00	45.44 1.24 0.00	43.78 1.19 0.00	42.34 1.11 0.00	41.97 1.02 0.00	42.46 1.00 0.00	49.59 1.07 0.00	55.64 1.25 0.00	61.38 1.38 0.00	56.85 1.33 0.00	46.70 1.09 0.00	41.43 0.89 0.00	41.01 0.92 0.00
ALBANY___LFGE 323615	39.30 0.88 0.00	37.86 0.85 0.00	36.26 0.88 0.00	35.41 0.86 0.00	37.06 0.83 0.00	42.39 0.99 0.00	53.31 1.40 0.00	60.86 1.89 0.00	56.08 1.85 0.00	51.85 1.71 0.00	51.64 1.65 0.00	50.55 1.75 0.00	45.84 1.64 0.00	44.16 1.58 0.00	42.63 1.40 0.00	42.34 1.39 0.00	42.83 1.37 0.00	49.97 1.45 0.00	56.13 1.74 0.00	61.86 1.86 0.00	57.34 1.83 0.00	47.06 1.46 0.00	41.80 1.26 0.00	41.33 1.24 0.00
ALCOA_PA_115KV_PL-6C 55860	38.50 0.08 0.00	37.11 0.11 0.00	35.37 0.00 0.00	34.52 -0.03 0.00	36.19 -0.04 0.00	41.24 -0.17 0.00	51.70 -0.21 0.00	58.79 -0.18 0.00	53.97 -0.27 0.00	49.79 -0.35 0.00	49.69 -0.30 0.00	48.51 -0.29 0.00	43.94 -0.27 0.00	42.41 -0.17 0.00	41.10 -0.12 0.00	40.79 -0.16 0.00	41.34 -0.12 0.00	48.47 -0.05 0.00	54.28 -0.11 0.00	59.82 -0.18 0.00	55.40 -0.11 0.00	45.47 -0.14 0.00	40.30 -0.24 0.00	39.89 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	38.50 0.08 0.00	37.11 0.11 0.00	35.37 0.00 0.00	34.52 -0.03 0.00	36.19 -0.04 0.00	41.24 -0.17 0.00	51.70 -0.21 0.00	58.79 -0.18 0.00	53.97 -0.27 0.00	49.79 -0.35 0.00	49.69 -0.30 0.00	48.51 -0.29 0.00	43.94 -0.27 0.00	42.41 -0.17 0.00	41.10 -0.12 0.00	40.79 -0.16 0.00	41.34 -0.12 0.00	48.47 -0.05 0.00	54.28 -0.11 0.00	59.82 -0.18 0.00	55.40 -0.11 0.00	45.47 -0.14 0.00	40.30 -0.24 0.00	39.89 -0.20 0.00
ALCOA___DSASP 323711	38.50 0.08 0.00	37.11 0.11 0.00	35.37 0.00 0.00	34.52 -0.03 0.00	36.19 -0.04 0.00	41.24 -0.16 0.00	51.70 -0.21 0.00	58.79 -0.18 0.00	53.97 -0.27 0.00	49.79 -0.35 0.00	49.70 -0.30 0.00	48.51 -0.29 0.00	43.94 -0.26 0.00	42.41 -0.17 0.00	41.10 -0.12 0.00	40.79 -0.16 0.00	41.34 -0.12 0.00	48.47 -0.05 0.00	54.28 -0.11 0.00	59.82 -0.18 0.00	55.40 -0.11 0.00	45.47 -0.14 0.00	40.30 -0.24 0.00	39.89 -0.20 0.00
ALLEGHENY___COGEN 23514	37.46 -0.96 0.00	35.86 -1.15 0.00	34.24 -1.13 0.00	33.34 -1.21 0.00	35.21 -1.01 0.00	40.66 -0.74 0.00	51.03 -0.88 0.00	57.62 -1.35 0.00	52.60 -1.68 -0.04	62.97 -2.06 -14.89	60.13 -2.55 -12.68	60.33 -2.98 -14.51	54.48 -3.01 -13.28	52.35 -3.07 -12.84	50.76 -2.72 -12.26	50.63 -2.74 -12.42	57.79 -2.61 -18.94	63.04 -2.33 -16.84	58.21 -1.91 -5.72	58.85 -1.26 -0.12	54.80 -0.83 -0.12	44.48 -1.09 0.03	39.45 -1.09 0.00	39.32 -0.76 0.00
ALTAMONT_115KV_TB 2 55880	39.30 0.88 0.00	37.85 0.85 0.00	36.22 0.85 0.00	35.38 0.83 0.00	37.06 0.83 0.00	42.40 0.99 0.00	53.21 1.30 0.00	60.74 1.77 0.00	55.86 1.63 0.00	51.64 1.50 0.00	51.44 1.45 0.00	50.31 1.51 0.00	45.62 1.41 0.00	43.95 1.36 0.00	42.51 1.28 0.00	42.18 1.23 0.00	42.71 1.24 0.00	49.88 1.36 0.00	55.97 1.58 0.00	61.74 1.74 0.00	57.18 1.67 0.00	46.97 1.37 0.00	41.72 1.18 0.00	41.25 1.16 0.00
ALTONA_WT_PWR 323606	38.65 0.23 0.00	36.89 -0.11 0.00	34.88 -0.50 0.00	33.82 -0.73 0.00	35.28 -0.94 0.00	39.87 -1.53 0.00	49.57 -2.33 0.00	56.08 -2.89 0.00	51.63 -2.60 0.00	47.88 -2.26 0.00	47.94 -2.05 0.00	46.80 -2.00 0.00	42.61 -1.59 0.00	41.35 -1.24 0.00	40.40 -0.82 0.00	40.42 -0.53 0.00	41.34 -0.12 0.00	48.67 0.15 0.00	54.50 0.11 0.00	58.86 -1.14 0.00	54.79 -0.72 0.00	44.33 -1.28 0.00	38.76 -1.78 0.00	38.32 -1.76 0.00
AMERICAN_REF_FUEL 24010	34.66 -3.76 0.00	33.23 -3.77 0.00	31.73 -3.64 0.00	30.96 -3.59 0.00	32.75 -3.48 0.00	37.80 -3.60 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.04 -6.18 0.01	37.11 -5.22 7.81	38.13 -5.25 6.61	35.77 -5.46 7.57	32.11 -5.17 6.92	30.78 -5.11 6.69	30.17 -4.49 6.56	29.77 -4.71 6.47	32.22 -4.81 4.44	36.45 -5.43 6.63	44.96 -6.64 2.79	52.95 -7.02 0.03	48.99 -6.50 0.03	40.10 -5.47 0.04	35.84 -4.70 0.00	36.08 -4.01 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.08 -3.34 0.00	33.56 -3.44 0.00	32.01 -3.36 0.00	31.27 -3.28 0.00	33.26 -2.97 0.00	38.67 -2.73 0.00	48.17 -3.74 0.00	54.08 -4.89 0.00	50.00 -4.23 0.00	39.80 -4.36 5.98	40.29 -4.65 5.05	38.28 -4.73 5.79	34.58 -4.33 5.29	33.17 -4.30 5.11	31.77 -4.41 5.05	31.99 -4.01 4.95	34.54 -4.89 2.03	38.42 -5.53 4.56	45.92 -6.36 2.10	53.99 -6.00 0.01	49.34 -6.16 0.01	40.70 -4.88 0.03	36.49 -4.05 0.00	36.84 -3.25 0.00
ARTHUR KILL_GT_1 23520	54.15 2.19 -13.54	53.44 2.18 -14.26	53.48 2.16 -15.95	44.02 2.11 -7.36	38.41 2.17 -0.01	53.45 2.44 -9.61	55.14 3.22 -0.01	63.23 4.25 -0.01	58.64 3.80 -0.61	60.64 3.61 -6.88	58.83 3.55 -5.29	58.88 3.66 -6.41	58.86 3.40 -11.26	58.52 3.28 -12.66	58.42 3.05 -14.14	58.31 2.87 -14.49	58.36 2.99 -13.91	59.29 3.40 -7.38	60.67 3.81 -2.47	97.21 4.20 -33.01	73.53 3.94 -14.07	58.87 3.24 -10.02	56.25 4.82 -10.89	54.84 2.53 -12.23
ARTHUR_KILL_2 23512	54.03 2.07 -13.54	53.37 2.11 -14.26	53.37 2.05 -15.95	43.95 2.04 -7.36	38.33 2.10 -0.01	53.37 2.36 -9.61	54.98 3.06 -0.01	63.04 4.07 -0.01	58.48 3.63 -0.61	60.48 3.46 -6.88	58.73 3.45 -5.29	58.73 3.52 -6.41	58.73 3.27 -11.26	58.44 3.20 -12.66	58.29 2.93 -14.14	58.23 2.79 -14.49	58.23 2.86 -13.91	59.20 3.30 -7.38	60.51 3.64 -2.47	97.03 4.02 -33.01	73.36 3.78 -14.07	58.73 3.10 -10.02	56.13 4.70 -10.89	54.76 2.45 -12.23
ARTHUR_KILL_3 23513	53.41 1.46 -13.53	52.74 1.48 -14.25	52.83 1.52 -15.94	43.42 1.52 -7.35	37.78 1.56 0.00	52.74 1.74 -9.60	54.76 2.85 0.00	62.75 3.78 0.00	58.20 3.36 -0.60	60.19 3.16 -6.89	58.52 3.25 -5.28	58.53 3.32 -6.41	58.56 3.09 -11.27	58.27 3.02 -12.67	58.14 2.76 -14.15	58.06 2.62 -14.49	58.07 2.69 -13.92	58.91 3.01 -7.38	60.08 3.21 -2.48	96.44 3.42 -33.02	72.81 3.22 -14.08	58.31 2.69 -10.01	53.41 1.99 -10.88	54.15 1.84 -12.22

ARTHUR_KILL_COGEN 323718	54.15 2.19 -13.54	53.44 2.18 -14.26	53.48 2.16 -15.95	44.02 2.11 -7.36	38.41 2.17 -0.01	53.45 2.44 -9.61	55.14 3.22 -0.01	63.23 4.25 -0.01	58.64 3.80 -0.61	60.64 3.61 -6.88	58.83 3.55 -5.29	58.88 3.66 -6.41	58.86 3.40 -11.26	58.52 3.28 -12.66	58.42 3.05 -14.14	58.31 2.87 -14.49	58.36 2.99 -13.91	59.29 3.40 -7.38	60.67 3.81 -2.47	97.21 4.20 -33.01	73.53 3.94 -14.07	58.87 3.24 -10.02	56.25 4.82 -10.89	54.84 2.53 -12.23
ASHOKAN____ 23654	40.26 1.84 0.00	38.82 1.81 0.00	37.10 1.73 0.00	36.24 1.69 0.00	37.96 1.74 0.00	43.43 2.03 0.00	55.13 3.22 0.00	62.98 4.01 0.00	57.71 3.47 0.00	53.20 3.06 0.00	52.99 3.00 0.00	51.58 2.78 0.00	46.76 2.56 0.00	44.88 2.30 0.00	43.33 2.10 0.00	42.92 1.97 0.00	43.62 2.15 0.00	51.14 2.62 0.00	57.92 3.53 0.00	64.20 4.20 0.00	59.01 3.50 0.00	48.34 2.74 0.00	43.10 2.56 0.00	42.21 2.12 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.08 1.65 -0.01	38.68 1.67 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.94 1.70 -0.01	43.27 1.86 0.00	54.86 2.96 0.01	62.91 3.95 0.01	57.86 3.63 0.01	53.59 3.46 0.01	53.48 3.50 0.01	52.35 3.56 0.01	47.51 3.32 0.01	45.81 3.23 0.01	44.19 2.97 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.87 3.48 0.01	63.77 3.78 0.01	59.01 3.50 0.01	48.52 2.92 0.01	43.21 2.68 0.01	42.10 2.00 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.08 1.65 -0.01	38.68 1.67 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.94 1.70 -0.01	43.27 1.86 0.00	54.86 2.96 0.01	62.91 3.95 0.01	57.86 3.63 0.01	53.59 3.46 0.01	53.48 3.50 0.01	52.35 3.56 0.01	47.51 3.32 0.01	45.81 3.23 0.01	44.19 2.97 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.87 3.48 0.01	63.77 3.78 0.01	59.01 3.50 0.01	48.52 2.92 0.01	43.21 2.68 0.01	42.10 2.00 -0.01
ASTORIA_GT2_1 24094	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT2_2 24095	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT2_3 24096	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT2_4 24097	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT3_1 24098	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT3_2 24099	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT3_3 24100	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT3_4 24101	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT4_1 24102	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT4_2 24103	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT4_3 24104	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01

ASTORIA_GT4_4 24105	40.08 1.65 -0.01	38.71 1.70 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.90 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.01	42.85 2.31 0.01	42.14 2.04 -0.01
ASTORIA_GT_1 23523	40.16 1.73 -0.01	38.75 1.74 -0.01	37.11 1.73 -0.01	36.29 1.73 -0.01	38.01 1.77 -0.01	43.35 1.95 0.00	54.96 3.06 0.01	63.03 4.07 0.01	58.02 3.80 0.01	53.74 3.61 0.01	53.63 3.65 0.01	52.50 3.71 0.01	47.64 3.45 0.01	45.94 3.36 0.01	44.31 3.09 0.01	43.89 2.95 0.01	44.48 3.03 0.01	51.91 3.40 0.01	57.97 3.59 0.01	63.89 3.90 0.01	59.17 3.66 0.01	48.61 3.01 0.01	43.29 2.76 0.01	42.18 2.08 -0.01
ASTORIA_GT_10 24110	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.46 1.90 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
ASTORIA_GT_11 24225	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.46 1.90 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
ASTORIA_GT_12 24226	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.46 1.90 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
ASTORIA_GT_13 24227	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.46 1.90 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
ASTORIA_GT_5 24106	40.16 1.73 -0.01	38.79 1.78 -0.01	37.11 1.73 -0.01	36.25 1.69 -0.01	38.01 1.78 -0.01	43.35 1.95 0.00	54.96 3.06 0.01	63.03 4.07 0.01	58.02 3.80 0.01	53.74 3.61 0.01	53.64 3.65 0.01	52.50 3.71 0.01	47.64 3.45 0.01	45.94 3.36 0.01	44.39 3.17 0.01	43.89 2.95 0.01	44.48 3.03 0.01	51.91 3.40 0.01	57.97 3.59 0.01	63.90 3.90 0.00	59.18 3.66 0.00	48.61 3.01 0.01	42.89 2.35 0.01	42.18 2.08 -0.01
ASTORIA_GT_7 24107	40.16 1.73 -0.01	38.79 1.78 -0.01	37.11 1.73 -0.01	36.25 1.69 -0.01	38.01 1.78 -0.01	43.35 1.95 0.00	54.96 3.06 0.01	63.03 4.07 0.01	58.02 3.80 0.01	53.74 3.61 0.01	53.64 3.65 0.01	52.50 3.71 0.01	47.64 3.45 0.01	45.94 3.36 0.01	44.39 3.17 0.01	43.89 2.95 0.01	44.48 3.03 0.01	51.91 3.40 0.01	57.97 3.59 0.01	63.90 3.90 0.00	59.18 3.66 0.00	48.61 3.01 0.01	42.89 2.35 0.01	42.18 2.08 -0.01
ASTORIA_GT_8 24108	40.16 1.73 -0.01	38.79 1.78 -0.01	37.11 1.73 -0.01	36.25 1.69 -0.01	38.01 1.78 -0.01	43.35 1.95 0.00	54.96 3.06 0.01	63.03 4.07 0.01	58.02 3.80 0.01	53.74 3.61 0.01	53.64 3.65 0.01	52.50 3.71 0.01	47.64 3.45 0.01	45.94 3.36 0.01	44.39 3.17 0.01	43.89 2.95 0.01	44.48 3.03 0.01	51.91 3.40 0.01	57.97 3.59 0.01	63.90 3.90 0.00	59.18 3.66 0.00	48.61 3.01 0.01	42.89 2.35 0.01	42.18 2.08 -0.01
ASTORIA___2 24149	40.08 1.65 -0.01	38.68 1.67 -0.01	37.04 1.66 -0.01	36.22 1.66 -0.01	37.97 1.74 -0.01	43.31 1.91 0.00	54.91 3.01 0.01	62.91 3.95 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.85 3.28 0.01	44.23 3.01 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.53 0.01	63.77 3.78 0.01	59.06 3.56 0.01	48.52 2.92 0.01	43.25 2.72 0.01	42.14 2.04 -0.01
ASTORIA___3 23516	40.35 1.92 -0.01	38.93 1.92 -0.01	37.32 1.94 -0.01	36.46 1.90 -0.01	38.22 1.99 -0.01	43.64 2.23 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.55 3.81 -4.94	57.55 3.54 -9.81	57.55 3.45 -11.52	57.55 3.17 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.08 4.08 0.00	59.34 3.83 0.00	50.43 3.19 -1.63	45.31 3.00 -1.77	42.42 2.32 -0.01
ASTORIA___4 23517	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.46 1.90 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
ASTORIA___5 23518	40.35 1.92 -0.01	38.93 1.92 -0.01	37.32 1.94 -0.01	36.46 1.90 -0.01	38.22 1.99 -0.01	43.64 2.23 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.55 3.81 -4.94	57.55 3.54 -9.81	57.55 3.45 -11.52	57.55 3.17 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.08 4.08 0.00	59.34 3.83 0.00	50.43 3.19 -1.63	45.31 3.00 -1.77	42.42 2.32 -0.01
AST_ENERGY_2_CC3 323677	40.07 1.65 0.00	38.67 1.67 0.00	37.10 1.73 0.00	36.24 1.69 0.00	37.96 1.74 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.82 3.58 0.00	53.50 3.36 0.00	53.40 3.40 0.00	52.27 3.47 0.00	47.43 3.22 0.00	45.73 3.15 0.00	44.11 2.88 0.00	43.69 2.74 0.00	44.28 2.82 0.00	51.67 3.15 0.00	57.76 3.37 0.00	63.66 3.66 0.00	58.96 3.44 0.00	48.48 2.87 0.00	42.89 2.35 0.00	42.13 2.04 0.00
AST_ENERGY_2_CC4 323678	40.07 1.65 0.00	38.67 1.67 0.00	37.10 1.73 0.00	36.24 1.69 0.00	37.96 1.74 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.82 3.58 0.00	53.50 3.36 0.00	53.40 3.40 0.00	52.27 3.47 0.00	47.43 3.22 0.00	45.73 3.15 0.00	44.11 2.88 0.00	43.69 2.74 0.00	44.28 2.82 0.00	51.67 3.15 0.00	57.76 3.37 0.00	63.66 3.66 0.00	58.96 3.44 0.00	48.48 2.87 0.00	42.89 2.35 0.00	42.13 2.04 0.00

ATHENS_STG_1 23668	39.46 1.04 0.00	38.04 1.03 0.00	36.40 1.03 0.00	35.59 1.04 0.00	37.28 1.05 0.00	42.64 1.24 0.00	53.52 1.61 0.00	61.09 2.12 0.00	56.19 1.95 0.00	51.94 1.80 0.00	51.85 1.85 0.00	50.70 1.90 0.00	45.97 1.77 0.00	44.29 1.71 0.00	42.79 1.57 0.00	42.47 1.52 0.00	43.00 1.53 0.00	50.22 1.70 0.00	56.29 1.90 0.00	62.10 2.10 0.00	57.46 1.94 0.00	47.25 1.64 0.00	42.00 1.46 0.00	41.41 1.32 0.00
ATHENS_STG_2 23670	39.46 1.04 0.00	38.04 1.03 0.00	36.40 1.03 0.00	35.59 1.04 0.00	37.28 1.05 0.00	42.64 1.24 0.00	53.52 1.61 0.00	61.09 2.12 0.00	56.19 1.95 0.00	51.94 1.80 0.00	51.85 1.85 0.00	50.70 1.90 0.00	45.97 1.77 0.00	44.29 1.71 0.00	42.79 1.57 0.00	42.47 1.52 0.00	43.00 1.53 0.00	50.22 1.70 0.00	56.29 1.90 0.00	62.10 2.10 0.00	57.46 1.94 0.00	47.25 1.64 0.00	42.00 1.46 0.00	41.41 1.32 0.00
ATHENS_STG_3 23677	39.46 1.04 0.00	38.04 1.03 0.00	36.40 1.03 0.00	35.59 1.04 0.00	37.28 1.05 0.00	42.64 1.24 0.00	53.52 1.61 0.00	61.09 2.12 0.00	56.19 1.95 0.00	51.94 1.80 0.00	51.85 1.85 0.00	50.70 1.90 0.00	45.97 1.77 0.00	44.29 1.71 0.00	42.79 1.57 0.00	42.47 1.52 0.00	43.00 1.53 0.00	50.22 1.70 0.00	56.29 1.90 0.00	62.10 2.10 0.00	57.46 1.94 0.00	47.25 1.64 0.00	42.00 1.46 0.00	41.41 1.32 0.00
AUBURN___LFGE 323710	38.11 -0.31 0.00	36.67 -0.33 0.00	35.05 -0.32 0.00	34.24 -0.31 0.00	35.97 -0.25 0.00	41.24 -0.17 0.00	51.75 -0.16 0.00	58.79 -0.18 0.00	54.07 -0.16 0.00	51.08 -0.10 -1.04	50.58 -0.25 -0.84	49.37 -0.39 -0.96	44.64 -0.44 -0.88	42.92 -0.51 -0.85	41.53 -0.54 -0.84	41.36 -0.41 -0.82	41.05 -0.41 0.00	49.03 -0.29 -0.80	54.54 -0.27 -0.42	59.82 -0.18 0.00	55.40 -0.11 0.00	45.42 -0.18 0.00	40.38 -0.16 0.00	39.97 -0.12 0.00
BABYLON_RES_REC 323704	40.89 2.46 -0.01	39.49 2.48 -0.01	37.86 2.48 -0.01	37.05 2.49 -0.01	38.84 2.61 -0.01	51.39 3.02 -6.96	55.70 3.79 0.00	63.39 4.42 0.00	58.25 4.01 0.00	54.00 3.86 0.00	54.20 4.20 -0.01	53.96 4.30 -0.86	51.59 4.02 -3.37	51.59 3.92 -5.09	45.18 3.63 -0.33	44.48 3.52 -0.01	51.64 3.69 -6.49	52.55 4.02 -0.01	58.63 4.25 0.00	64.86 4.86 0.00	59.79 4.27 0.00	50.88 3.92 -1.35	48.43 3.33 -4.56	43.67 3.05 -0.54
BABYLON__69_KV_BK2 356345	41.22 2.80 0.00	39.89 2.89 0.00	38.17 2.79 0.00	37.38 2.83 0.00	39.23 3.01 0.00	51.84 3.48 -6.96	56.37 4.46 0.00	64.04 5.07 0.00	58.85 4.61 0.00	54.55 4.41 0.00	54.79 4.80 0.00	54.53 4.88 -0.85	52.07 4.51 -3.36	52.01 4.34 -5.09	45.71 4.16 -0.32	44.84 3.89 0.00	52.00 4.06 -6.48	52.93 4.42 0.00	59.23 4.84 0.00	65.70 5.70 0.00	60.46 4.94 0.00	51.33 4.38 -1.34	48.83 3.73 -4.56	44.10 3.49 -0.53
BALL_HILL_WT_PWR 323825	35.65 -2.77 0.00	34.15 -2.85 0.00	32.61 -2.76 0.00	31.86 -2.69 0.00	33.76 -2.46 0.00	39.08 -2.32 0.00	48.54 -3.37 0.00	54.43 -4.54 0.00	50.27 -3.96 0.01	39.50 -3.96 6.67	40.25 -4.10 5.65	38.19 -4.15 6.47	34.48 -3.80 5.92	33.12 -3.75 5.72	31.77 -3.83 5.63	31.98 -3.44 5.53	34.34 -4.23 2.89	38.43 -4.75 5.33	46.47 -5.55 2.37	54.82 -5.16 0.02	50.11 -5.38 0.02	41.38 -4.19 0.03	37.06 -3.49 0.00	37.36 -2.73 0.00
BARON_WINDS___WT_PWR 323822	36.00 -2.42 0.00	34.56 -2.44 0.00	33.00 -2.37 0.00	32.17 -2.38 0.00	33.91 -2.32 0.00	39.08 -2.32 0.00	48.90 -3.01 0.00	55.37 -3.60 0.00	50.99 -3.15 0.09	-6.00 -3.26 52.88	1.78 -3.40 44.81	-6.00 -3.51 51.29	-6.00 -3.27 46.93	-6.00 -3.24 45.35	-6.00 -3.30 43.93	-6.00 -3.07 43.88	-6.00 -3.52 43.94	-6.00 -3.88 50.64	30.68 -4.19 19.52	55.64 -4.08 0.28	51.19 -4.05 0.28	42.26 -3.33 0.02	37.67 -2.88 0.00	37.72 -2.37 0.00
BARRETT_IC_1 23704	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_10 23701	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_11 23702	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_12 23703	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_2 23705	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_3 23706	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_4 23707	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54

BARRETT_IC_5 23708	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_6 23709	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_7 23710	40.57 2.15 0.00	39.19 2.18 0.00	37.49 2.12 0.00	36.66 2.11 0.00	38.47 2.25 0.00	50.92 2.57 -6.96	55.34 3.43 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.94 3.95 0.00	53.75 4.10 -0.85	51.41 3.85 -3.36	51.37 3.70 -5.09	45.09 3.55 -0.32	44.23 3.28 0.00	51.34 3.40 -6.48	52.16 3.64 0.00	58.20 3.81 0.00	64.32 4.32 0.00	59.40 3.89 0.00	50.46 3.51 -1.34	48.02 2.92 -4.56	43.26 2.65 -0.53
BARRETT_IC_8 23711	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT_IC_9 23700	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT___1 23545	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BARRETT___2 23546	40.58 2.15 -0.01	39.16 2.15 -0.01	37.50 2.12 -0.01	36.70 2.14 -0.01	38.48 2.25 -0.01	50.93 2.57 -6.96	55.28 3.37 0.00	63.04 4.07 0.00	58.03 3.80 0.00	53.85 3.71 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.38 3.80 -3.37	51.39 3.70 -5.10	44.94 3.38 -0.33	44.24 3.28 -0.01	51.35 3.40 -6.49	52.21 3.69 -0.01	58.20 3.81 0.00	64.26 4.26 0.00	59.40 3.88 0.00	50.47 3.51 -1.35	48.07 2.96 -4.56	43.27 2.65 -0.54
BATAVIA__115KV_TB1 55881	36.31 -2.11 0.00	34.75 -2.26 0.00	33.21 -2.16 0.00	32.41 -2.14 0.00	34.31 -1.92 0.00	39.62 -1.78 0.00	49.16 -2.75 0.00	55.49 -3.48 0.00	51.19 -3.04 0.01	41.18 -2.51 6.46	41.93 -2.60 5.46	39.52 -3.03 6.25	35.39 -3.09 5.72	33.99 -3.07 5.53	32.61 -3.17 5.44	32.82 -2.78 5.35	35.19 -2.74 3.53	40.20 -2.91 5.41	48.61 -3.48 2.30	56.56 -3.42 0.02	52.55 -2.94 0.02	42.78 -2.78 0.04	38.35 -2.19 0.00	38.16 -1.92 0.00
BAYONEEC___CTG1 323682	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG10 323750	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG2 323683	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG3 323684	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG4 323685	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG5 323686	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG6 323687	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00

BAYONEEC___CTG7 323688	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG8 323689	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BAYONEEC___CTG9 323749	40.03 1.61 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.93 1.70 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
BEACON___LESR 323632	39.53 1.11 0.00	38.04 1.03 0.00	36.43 1.06 0.00	35.59 1.04 0.00	37.24 1.01 0.00	42.64 1.24 0.00	53.68 1.77 0.00	61.27 2.30 0.00	56.46 2.22 0.00	52.15 2.01 0.00	51.94 1.95 0.00	50.85 2.05 0.00	46.10 1.90 0.00	44.41 1.83 0.00	42.88 1.65 0.00	42.59 1.64 0.00	43.08 1.62 0.00	50.26 1.74 0.00	56.46 2.07 0.00	62.28 2.28 0.00	57.74 2.22 0.00	47.34 1.73 0.00	42.04 1.50 0.00	41.57 1.48 0.00
BEAVER RIVER___HYD 24048	38.11 -0.31 0.00	36.67 -0.33 0.00	34.95 -0.42 0.00	34.21 -0.35 0.00	35.86 -0.36 0.00	40.95 -0.45 0.00	51.75 -0.16 0.00	59.15 0.18 0.00	53.97 -0.27 0.00	49.59 -0.55 0.00	49.29 -0.70 0.00	47.92 -0.88 0.00	43.23 -0.97 0.00	41.56 -1.02 0.00	40.61 -0.62 0.00	40.42 -0.53 0.00	40.63 -0.83 0.00	47.99 -0.53 0.00	54.17 -0.22 0.00	60.06 0.06 0.00	55.51 0.00 0.00	45.51 -0.09 0.00	40.14 -0.41 0.00	39.56 -0.52 0.00
BEEBEE_GT_13 23619	36.65 -1.77 0.00	35.15 -1.85 0.00	33.60 -1.77 0.00	32.79 -1.76 0.00	34.60 -1.63 0.00	39.79 -1.61 0.00	49.47 -2.44 0.00	55.84 -3.13 0.00	51.58 -2.66 0.00	45.03 -1.96 3.15	45.38 -1.95 2.66	43.46 -2.29 3.05	39.02 -2.39 2.79	37.55 -2.34 2.70	36.06 -2.47 2.70	36.21 -2.13 2.61	38.56 -1.91 0.99	44.12 -2.09 2.31	50.65 -2.67 1.07	57.05 -2.94 0.01	53.12 -2.39 0.01	43.28 -2.28 0.05	38.64 -1.91 0.00	38.36 -1.72 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.30 2.34 -13.54	53.59 2.33 -14.26	53.62 2.30 -15.95	44.19 2.28 -7.36	38.59 2.35 -0.01	53.66 2.65 -9.61	55.76 3.84 -0.01	63.93 4.95 -0.01	59.42 4.50 -0.69	82.42 4.26 -28.01	62.29 4.20 -8.10	64.21 4.29 -11.11	89.44 3.98 -41.26	70.14 3.83 -23.73	71.68 3.67 -26.78	65.91 3.40 -21.56	73.91 3.48 -28.97	97.77 3.98 -45.27	97.85 4.41 -39.06	97.81 4.80 -33.01	97.85 4.50 -37.84	60.53 3.65 -11.28	55.75 2.96 -12.25	55.08 2.77 -12.23
BETHLEHEM___GRP 23843	39.03 0.61 0.00	37.60 0.59 0.00	35.97 0.60 0.00	35.17 0.62 0.00	36.81 0.58 0.00	42.11 0.70 0.00	52.90 0.99 0.00	60.39 1.42 0.00	55.59 1.36 0.00	51.34 1.20 0.00	51.19 1.20 0.00	50.12 1.32 0.00	45.44 1.24 0.00	43.78 1.19 0.00	42.34 1.11 0.00	41.97 1.02 0.00	42.46 1.00 0.00	49.59 1.07 0.00	55.64 1.25 0.00	61.38 1.38 0.00	56.85 1.33 0.00	46.70 1.09 0.00	41.43 0.89 0.00	41.01 0.92 0.00
BETHLEHEM___GS1 323560	39.03 0.61 0.00	37.59 0.59 0.00	35.97 0.60 0.00	35.17 0.62 0.00	36.80 0.58 0.00	42.10 0.70 0.00	52.89 0.98 0.00	60.38 1.41 0.00	55.59 1.36 0.00	51.34 1.20 0.00	51.19 1.20 0.00	50.12 1.32 0.00	45.44 1.24 0.00	43.77 1.19 0.00	42.30 1.07 0.00	41.97 1.02 0.00	42.45 0.99 0.00	49.59 1.07 0.00	55.64 1.25 0.00	61.38 1.38 0.00	56.85 1.33 0.00	46.70 1.09 0.00	41.48 0.93 0.00	41.01 0.92 0.00
BETHLEHEM___GS2 323561	39.03 0.61 0.00	37.59 0.59 0.00	35.97 0.60 0.00	35.17 0.62 0.00	36.80 0.58 0.00	42.10 0.70 0.00	52.89 0.98 0.00	60.38 1.41 0.00	55.59 1.36 0.00	51.34 1.20 0.00	51.19 1.20 0.00	50.12 1.32 0.00	45.44 1.24 0.00	43.77 1.19 0.00	42.30 1.07 0.00	41.97 1.02 0.00	42.45 0.99 0.00	49.59 1.07 0.00	55.64 1.25 0.00	61.38 1.38 0.00	56.85 1.33 0.00	46.70 1.09 0.00	41.48 0.93 0.00	41.01 0.92 0.00
BETHLEHEM___GS3 323562	39.03 0.61 0.00	37.59 0.59 0.00	35.97 0.60 0.00	35.17 0.62 0.00	36.80 0.58 0.00	42.10 0.70 0.00	52.89 0.98 0.00	60.38 1.41 0.00	55.59 1.36 0.00	51.34 1.20 0.00	51.19 1.20 0.00	50.12 1.32 0.00	45.44 1.24 0.00	43.77 1.19 0.00	42.30 1.07 0.00	41.97 1.02 0.00	42.45 0.99 0.00	49.59 1.07 0.00	55.64 1.25 0.00	61.38 1.38 0.00	56.85 1.33 0.00	46.70 1.09 0.00	41.48 0.93 0.00	41.01 0.92 0.00
BETHLEHEM___STEEL 23779	35.65 -2.77 0.00	34.15 -2.85 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.96 -2.44 0.00	48.07 -3.84 0.00	53.90 -5.07 0.00	49.78 -4.45 0.01	38.91 -4.06 7.17	39.83 -4.10 6.07	37.75 -4.10 6.95	34.00 -3.85 6.36	32.61 -3.83 6.14	31.61 -3.59 6.04	31.53 -3.48 5.94	33.78 -4.10 3.57	37.96 -4.66 5.90	46.29 -5.55 2.55	54.64 -5.34 0.02	50.05 -5.44 0.02	41.19 -4.38 0.03	37.26 -3.28 0.00	37.28 -2.81 0.00
BETHLHEM_115KV_TB1 79974	39.07 0.65 0.00	37.67 0.67 0.00	36.04 0.67 0.00	35.21 0.66 0.00	36.88 0.65 0.00	42.15 0.75 0.00	52.95 1.04 0.00	60.44 1.47 0.00	55.65 1.41 0.00	51.39 1.25 0.00	51.24 1.25 0.00	50.12 1.32 0.00	45.48 1.28 0.00	43.78 1.19 0.00	42.38 1.15 0.00	42.02 1.06 0.00	42.50 1.04 0.00	49.64 1.12 0.00	55.70 1.31 0.00	61.44 1.44 0.00	56.90 1.39 0.00	46.75 1.14 0.00	41.48 0.93 0.00	41.05 0.96 0.00
BETHPAGE_CC_5 323564	40.77 2.34 -0.01	39.34 2.33 -0.01	37.71 2.33 -0.01	36.91 2.35 -0.01	38.70 2.46 -0.01	51.18 2.82 -6.96	55.44 3.53 0.00	63.22 4.25 0.00	58.14 3.91 0.00	53.90 3.76 0.00	54.10 4.10 -0.01	53.91 4.24 -0.86	51.55 3.98 -3.37	51.59 3.92 -5.10	45.14 3.59 -0.33	44.44 3.48 -0.01	51.55 3.61 -6.49	52.41 3.88 -0.01	58.41 4.02 0.00	64.56 4.56 0.00	59.57 4.05 0.00	50.65 3.69 -1.35	48.23 3.12 -4.56	43.51 2.89 -0.54
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.65 -2.77 0.00	34.19 -2.81 0.00	32.68 -2.69 0.00	31.89 -2.66 0.00	33.76 -2.46 0.00	39.00 -2.40 0.00	48.17 -3.74 0.00	54.02 -4.95 0.00	49.94 -4.28 0.01	39.06 -4.11 6.96	39.95 -4.15 5.89	37.95 -4.10 6.75	34.23 -3.80 6.17	32.83 -3.79 5.96	31.82 -3.55 5.86	31.74 -3.44 5.77	33.93 -4.23 3.30	38.05 -4.80 5.67	46.26 -5.66 2.48	54.64 -5.34 0.02	49.89 -5.61 0.02	41.20 -4.38 0.03	37.26 -3.28 0.00	37.32 -2.77 0.00

BINGHAMTON___COGEN 23790	38.04 -0.38 0.00	36.60 -0.41 0.00	34.98 -0.39 0.00	34.17 -0.38 0.00	35.90 -0.33 0.00	41.15 -0.25 0.00	51.65 -0.26 0.00	58.56 -0.41 0.00	53.69 -0.54 0.00	49.49 -0.65 0.00	48.51 -0.70 0.78	47.13 -0.78 0.89	42.63 -0.75 0.82	40.98 -0.81 0.79	39.70 -0.74 0.79	39.45 -0.74 0.76	40.72 -0.75 0.00	46.72 -0.78 1.02	53.03 -0.82 0.54	59.40 -0.60 0.00	54.79 -0.72 0.00	45.05 -0.55 0.01	40.14 -0.41 0.00	39.81 -0.28 0.00
BIXINCNT_115KV_LOAD 355685	34.42 -4.00 0.00	33.15 -3.85 0.00	31.87 -3.50 0.00	31.16 -3.39 0.00	33.07 -3.15 0.00	38.34 -3.06 0.00	47.55 -4.36 0.00	53.60 -5.37 0.00	49.68 -4.56 0.00	39.44 -5.01 5.69	39.94 -5.25 4.81	38.27 -5.03 5.50	34.48 -4.69 5.03	32.99 -4.73 4.86	31.68 -4.74 4.81	31.66 -4.59 4.70	34.01 -5.80 1.65	37.74 -6.55 4.23	44.83 -7.56 1.99	52.97 -7.02 0.01	48.01 -7.49 0.01	39.97 -5.61 0.03	36.29 -4.26 0.00	36.56 -3.53 0.00
BLACK RIVER___HYD 24047	38.76 0.35 0.00	37.26 0.26 0.00	35.48 0.11 0.00	34.76 0.21 0.00	36.44 0.22 0.00	41.65 0.25 0.00	52.79 0.88 0.00	60.50 1.53 0.00	55.10 0.87 0.00	50.54 0.40 0.00	50.14 0.15 0.00	48.70 -0.10 0.00	43.85 -0.36 0.00	42.07 -0.51 0.00	40.94 -0.29 0.00	40.75 -0.20 0.00	41.09 -0.37 0.00	48.67 0.15 0.00	55.15 0.76 0.00	61.26 1.26 0.00	56.68 1.17 0.00	46.38 0.77 0.00	40.87 0.32 0.00	40.25 0.16 0.00
BLACKRVR_115KV_TB2 79977	38.77 0.35 0.00	37.23 0.22 0.00	35.48 0.11 0.00	34.76 0.21 0.00	36.44 0.22 0.00	41.65 0.25 0.00	52.79 0.88 0.00	60.50 1.53 0.00	55.10 0.87 0.00	50.54 0.40 0.00	50.14 0.15 0.00	48.70 -0.10 0.00	43.85 -0.35 0.00	42.07 -0.51 0.00	40.90 -0.33 0.00	40.75 -0.20 0.00	41.09 -0.37 0.00	48.66 0.15 0.00	55.15 0.76 0.00	61.26 1.26 0.00	56.68 1.17 0.00	46.38 0.78 0.00	40.87 0.32 0.00	40.25 0.16 0.00
BLISS_WT_PWR 323608	34.00 -4.42 0.00	32.78 -4.22 0.00	31.55 -3.82 0.00	30.89 -3.66 0.00	32.82 -3.41 0.00	38.05 -3.35 0.00	47.19 -4.72 0.00	53.25 -5.72 0.00	49.41 -4.83 0.00	39.14 -5.32 5.69	39.59 -5.60 4.81	37.98 -5.32 5.50	34.13 -5.04 5.03	32.61 -5.11 4.86	30.48 -5.94 4.81	31.29 -4.96 4.70	33.55 -6.26 1.65	37.30 -6.99 4.23	44.29 -8.10 1.99	52.37 -7.62 0.01	47.45 -8.05 0.01	39.56 -6.02 0.03	35.68 -4.87 0.00	36.24 -3.85 0.00
BLUESTONE___WT_PWR 323821	39.57 1.15 0.00	38.00 1.00 0.00	36.19 0.81 0.00	35.35 0.80 0.00	37.09 0.87 0.00	42.48 1.07 0.00	53.57 1.66 0.00	61.21 2.24 0.00	56.02 1.79 0.00	53.84 1.56 -2.14	53.06 1.50 -1.57	51.87 1.27 -1.80	46.91 1.06 -1.65	45.07 0.90 -1.59	43.54 0.74 -1.56	43.35 0.86 -1.54	42.29 0.83 0.00	51.02 1.36 -1.15	56.85 1.85 -0.61	62.34 2.34 0.00	57.51 2.00 0.00	47.15 1.55 0.01	41.72 1.18 0.00	41.29 1.20 0.00
BLUE_CIRC_CHEM_DRP 24182	39.42 1.00 0.00	37.97 0.96 0.00	36.33 0.96 0.00	35.52 0.97 0.00	37.17 0.94 0.00	42.52 1.12 0.00	53.36 1.45 0.00	60.86 1.89 0.00	56.03 1.79 0.00	51.74 1.60 0.00	51.49 1.50 0.00	50.36 1.56 0.00	45.66 1.46 0.00	43.95 1.36 0.00	42.51 1.28 0.00	42.18 1.23 0.00	42.66 1.20 0.00	49.83 1.31 0.00	55.97 1.58 0.00	61.80 1.80 0.00	57.18 1.67 0.00	47.02 1.41 0.00	41.76 1.22 0.00	41.33 1.24 0.00
BOC_GAS_DRP 24189	39.15 0.73 0.00	37.74 0.74 0.00	36.11 0.74 0.00	35.28 0.73 0.00	36.95 0.72 0.00	42.27 0.87 0.00	53.05 1.14 0.00	60.50 1.53 0.00	55.70 1.46 0.00	51.44 1.30 0.00	51.29 1.30 0.00	50.17 1.37 0.00	45.53 1.33 0.00	43.82 1.23 0.00	42.42 1.20 0.00	42.06 1.11 0.00	42.58 1.12 0.00	49.73 1.21 0.00	55.75 1.36 0.00	61.50 1.50 0.00	56.90 1.39 0.00	46.79 1.19 0.00	41.56 1.01 0.00	41.09 1.00 0.00
BOONVILLE_115KV_TB1 79983	38.84 0.42 0.00	37.37 0.37 0.00	35.65 0.28 0.00	34.90 0.35 0.00	36.59 0.36 0.00	41.77 0.37 0.00	52.64 0.73 0.00	60.09 1.12 0.00	55.05 0.81 0.00	50.74 0.60 0.00	50.54 0.55 0.00	49.19 0.39 0.00	44.42 0.22 0.00	42.71 0.13 0.00	41.60 0.37 0.00	41.36 0.41 0.00	41.67 0.21 0.00	49.05 0.53 0.00	55.21 0.82 0.00	61.08 1.08 0.00	56.46 0.94 0.00	46.29 0.68 0.00	40.95 0.41 0.00	40.41 0.32 0.00
BORALEX_4TH_BRANCH 23824	40.42 2.00 0.00	38.93 1.92 0.00	37.25 1.87 0.00	36.38 1.83 0.00	38.15 1.92 0.00	43.64 2.24 0.00	54.82 2.91 0.00	62.45 3.48 0.00	57.60 3.36 0.00	53.00 2.86 0.00	52.79 2.80 0.00	51.78 2.98 0.00	47.03 2.83 0.00	45.31 2.73 0.00	43.82 2.60 0.00	43.49 2.54 0.00	43.95 2.49 0.00	51.24 2.72 0.00	57.71 3.32 0.00	63.72 3.72 0.00	58.96 3.44 0.00	48.34 2.74 0.00	42.89 2.35 0.00	42.45 2.37 0.00
BOWLINE___1 23526	39.69 1.27 0.00	38.30 1.29 0.00	36.64 1.27 0.00	35.83 1.28 0.00	37.57 1.34 0.00	42.93 1.53 0.00	54.25 2.34 0.00	62.03 3.06 0.00	57.05 2.82 0.00	52.75 2.61 0.00	52.64 2.65 0.00	51.48 2.68 0.00	46.72 2.52 0.00	45.05 2.47 0.00	43.49 2.27 0.00	43.12 2.17 0.00	43.66 2.20 0.00	50.94 2.42 0.00	57.11 2.72 0.00	63.06 3.06 0.00	58.29 2.77 0.00	47.89 2.28 0.00	42.41 1.87 0.00	41.73 1.64 0.00
BOWLINE___2 23595	39.69 1.27 0.00	38.30 1.29 0.00	36.64 1.27 0.00	35.83 1.28 0.00	37.57 1.34 0.00	42.93 1.53 0.00	54.25 2.34 0.00	62.03 3.06 0.00	57.05 2.82 0.00	52.75 2.61 0.00	52.64 2.65 0.00	51.48 2.68 0.00	46.72 2.52 0.00	45.05 2.47 0.00	43.49 2.27 0.00	43.12 2.17 0.00	43.66 2.20 0.00	50.94 2.42 0.00	57.11 2.72 0.00	63.06 3.06 0.00	58.29 2.77 0.00	47.89 2.28 0.00	42.45 1.91 0.00	41.73 1.64 0.00
BRADY___115KV_TB2 356060	38.73 0.31 0.00	37.30 0.30 0.00	35.55 0.18 0.00	34.69 0.14 0.00	36.37 0.14 0.00	41.44 0.04 0.00	51.96 0.05 0.00	59.15 0.18 0.00	54.07 -0.16 0.00	49.79 -0.35 0.00	49.64 -0.35 0.00	48.41 -0.39 0.00	43.80 -0.40 0.00	42.29 -0.30 0.00	41.02 -0.21 0.00	40.70 -0.25 0.00	41.30 -0.17 0.00	48.52 0.00 0.00	54.44 0.05 0.00	60.18 0.18 0.00	55.68 0.17 0.00	45.65 0.05 0.00	40.42 -0.12 0.00	40.01 -0.08 0.00
BRANSCOMB___SOLAR 323811	40.19 1.77 0.00	38.67 1.67 0.00	37.03 1.66 0.00	36.18 1.62 0.00	37.82 1.59 0.00	43.39 1.99 0.00	54.14 2.23 0.00	61.86 2.89 0.00	57.05 2.82 0.00	52.65 2.51 0.00	52.34 2.35 0.00	51.24 2.44 0.00	46.41 2.21 0.00	44.63 2.04 0.00	43.08 1.86 0.00	42.80 1.84 0.00	43.28 1.82 0.00	50.56 2.04 0.00	56.95 2.56 0.00	62.88 2.88 0.00	58.34 2.83 0.00	47.79 2.19 0.00	42.77 2.23 0.00	42.29 2.20 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.11 2.69 0.00	39.78 2.78 0.00	38.10 2.72 0.00	37.31 2.76 0.00	39.16 2.93 0.00	51.71 3.35 -6.96	56.27 4.36 0.00	63.81 4.84 0.00	58.63 4.39 0.00	54.30 4.16 0.00	54.54 4.55 0.00	54.34 4.68 -0.85	51.85 4.29 -3.36	51.84 4.17 -5.09	45.59 4.04 -0.32	44.68 3.73 0.00	51.79 3.86 -6.48	52.74 4.22 0.00	58.96 4.57 0.00	65.40 5.40 0.00	60.18 4.66 0.00	51.10 4.15 -1.34	48.67 3.57 -4.56	43.98 3.37 -0.53

BRISTLHL_115KV_TB1 79998	37.57 -0.85 0.00	36.19 -0.81 0.00	34.63 -0.74 0.00	33.83 -0.73 0.00	35.50 -0.72 0.00	40.62 -0.79 0.00	50.87 -1.04 0.00	57.73 -1.24 0.00	53.15 -1.08 0.00	49.14 -1.00 0.00	48.89 -1.10 0.00	47.63 -1.17 0.00	43.05 -1.15 0.00	41.43 -1.15 0.00	40.03 -1.20 0.00	39.89 -1.06 0.00	40.38 -1.08 0.00	47.35 -1.16 0.00	53.08 -1.31 0.00	58.68 -1.32 0.00	54.29 -1.22 0.00	44.65 -0.96 0.00	39.73 -0.81 0.00	39.33 -0.76 0.00
BROOKHAVEN___DRP 24191	40.84 2.42 0.00	39.74 2.74 0.00	38.02 2.65 0.00	37.25 2.69 0.00	39.09 2.86 0.00	51.63 3.27 -6.96	56.06 4.15 0.00	62.98 4.01 0.00	57.82 3.58 0.00	53.55 3.41 0.00	53.84 3.85 0.00	53.66 4.00 -0.85	51.23 3.67 -3.36	51.16 3.49 -5.09	44.93 3.38 -0.32	44.06 3.11 0.00	51.21 3.28 -6.48	52.01 3.49 0.00	58.20 3.81 0.00	64.68 4.68 0.00	59.51 4.00 0.00	50.46 3.51 -1.34	48.34 3.24 -4.56	43.78 3.17 -0.53
BROOKLYN_NAVY_YARD 23515	40.00 1.58 0.00	38.63 1.63 0.00	37.03 1.66 0.00	36.18 1.62 0.00	37.89 1.67 0.00	43.31 1.91 0.00	54.92 3.01 0.00	62.98 4.01 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.32 2.86 0.00	51.72 3.20 0.00	57.87 3.48 0.00	63.78 3.78 0.00	59.07 3.56 0.00	48.48 2.87 0.00	42.89 2.35 0.00	42.09 2.00 0.00
BROOKLYN___ARMY_DRP 323595	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
BROOKVLE_69_KV_TB1 55790	40.84 2.42 0.00	39.41 2.41 0.00	37.71 2.33 0.00	36.90 2.35 0.00	38.69 2.46 0.00	51.21 2.86 -6.96	55.75 3.84 0.00	63.69 4.72 0.00	58.58 4.34 0.00	54.35 4.21 0.00	54.49 4.50 0.00	54.34 4.68 -0.85	51.85 4.29 -3.36	51.80 4.13 -5.09	45.50 3.96 -0.32	44.64 3.69 0.00	51.71 3.77 -6.48	52.59 4.08 0.00	58.80 4.41 0.00	64.98 4.98 0.00	59.90 4.39 0.00	50.82 3.88 -1.34	48.30 3.20 -4.56	43.54 2.93 -0.53
BROOME_2_LFGE 323671	38.04 -0.38 0.00	36.60 -0.41 0.00	34.98 -0.39 0.00	34.17 -0.38 0.00	35.90 -0.33 0.00	41.15 -0.25 0.00	51.65 -0.26 0.00	58.56 -0.41 0.00	53.69 -0.54 0.00	49.49 -0.65 0.00	48.51 -0.70 0.78	47.12 -0.78 0.89	42.63 -0.75 0.82	40.98 -0.81 0.79	39.53 -0.91 0.79	39.45 -0.74 0.76	40.72 -0.75 0.00	46.72 -0.78 1.02	53.03 -0.81 0.54	59.40 -0.60 0.00	54.79 -0.72 0.00	45.05 -0.55 0.01	40.10 -0.45 0.00	39.81 -0.28 0.00
BROOME___LFGE 323600	38.04 -0.38 0.00	36.60 -0.41 0.00	34.98 -0.39 0.00	34.17 -0.38 0.00	35.90 -0.33 0.00	41.15 -0.25 0.00	51.65 -0.26 0.00	58.56 -0.41 0.00	53.69 -0.54 0.00	49.49 -0.65 0.00	48.51 -0.70 0.78	47.12 -0.78 0.89	42.63 -0.75 0.82	40.98 -0.81 0.79	39.53 -0.91 0.79	39.45 -0.74 0.76	40.72 -0.75 0.00	46.72 -0.78 1.02	53.03 -0.81 0.54	59.40 -0.60 0.00	54.79 -0.72 0.00	45.05 -0.55 0.01	40.10 -0.45 0.00	39.81 -0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	37.73 -0.69 0.00	36.30 -0.70 0.00	34.59 -0.78 0.00	33.79 -0.76 0.00	35.46 -0.76 0.00	40.41 -0.99 0.00	50.92 -0.99 0.00	58.09 -0.88 0.00	53.10 -1.14 0.00	48.84 -1.30 0.00	48.64 -1.35 0.00	47.34 -1.46 0.00	42.74 -1.46 0.00	41.18 -1.41 0.00	40.11 -1.11 0.00	39.89 -1.06 0.00	40.22 -1.24 0.00	47.40 -1.12 0.00	53.36 -1.03 0.00	59.04 -0.96 0.00	54.63 -0.89 0.00	44.83 -0.78 0.00	39.57 -0.97 0.00	39.04 -1.04 0.00
BROWNSV1_27_KV_LOAD 356125	40.34 1.92 0.00	38.96 1.96 0.00	37.32 1.95 0.00	36.45 1.90 0.00	38.18 1.96 0.00	43.64 2.24 0.00	55.34 3.43 0.00	63.45 4.48 0.00	58.30 4.07 0.00	54.00 3.86 0.00	53.89 3.90 0.00	52.75 3.95 0.00	47.87 3.67 0.00	46.12 3.53 0.00	44.61 3.38 0.00	44.06 3.11 0.00	44.65 3.19 0.00	52.11 3.59 0.00	58.31 3.92 0.00	64.26 4.26 0.00	59.51 4.00 0.00	48.84 3.24 0.00	43.18 2.64 0.00	42.41 2.33 0.00
BURROWS___LYONSDAL 23803	38.65 0.23 0.00	37.15 0.15 0.00	35.48 0.11 0.00	34.69 0.14 0.00	36.37 0.14 0.00	41.57 0.17 0.00	52.38 0.47 0.00	59.85 0.88 0.00	54.78 0.54 0.00	50.44 0.30 0.00	50.19 0.20 0.00	48.85 0.05 0.00	44.11 -0.09 0.00	42.41 -0.17 0.00	41.35 0.12 0.00	41.16 0.20 0.00	41.42 -0.04 0.00	48.76 0.24 0.00	54.93 0.54 0.00	60.78 0.78 0.00	56.18 0.67 0.00	46.06 0.46 0.00	40.75 0.20 0.00	40.17 0.08 0.00
CAITHNESS_CC_1 323624	40.81 2.38 -0.01	39.64 2.63 -0.01	38.00 2.62 -0.01	37.22 2.66 -0.01	39.02 2.79 -0.01	51.55 3.19 -6.96	55.70 3.79 0.00	62.98 4.01 0.00	57.82 3.58 0.00	53.55 3.41 0.00	53.85 3.85 -0.01	53.61 3.95 -0.86	51.23 3.67 -3.37	51.21 3.53 -5.09	44.77 3.22 -0.33	44.07 3.11 -0.01	51.22 3.27 -6.49	52.12 3.59 -0.01	58.20 3.81 0.00	64.62 4.62 0.00	59.51 4.00 0.00	50.47 3.51 -1.35	48.35 3.24 -4.56	43.75 3.13 -0.54
CALPINE BETH_PAGE_GT4 24209	40.69 2.27 0.00	39.30 2.29 0.00	37.60 2.23 0.00	36.80 2.25 0.00	38.62 2.39 0.00	51.09 2.73 -6.96	55.23 3.32 0.00	62.98 4.01 0.00	57.92 3.69 0.00	53.70 3.56 0.00	53.94 3.95 0.00	53.75 4.10 -0.85	51.41 3.85 -3.36	51.54 3.88 -5.09	45.26 3.71 -0.32	44.39 3.44 0.00	51.50 3.57 -6.48	52.16 3.64 0.00	58.20 3.81 0.00	64.38 4.38 0.00	59.35 3.83 0.00	50.50 3.56 -1.34	48.06 2.96 -4.56	43.42 2.81 -0.53
CALPINE_BETH_PAGE_GT_4 323586	40.69 2.27 -0.01	39.27 2.26 -0.01	37.65 2.27 -0.01	36.84 2.28 -0.01	38.62 2.39 -0.01	51.10 2.73 -6.96	55.23 3.33 0.00	62.98 4.01 0.00	57.93 3.69 0.00	53.75 3.61 0.00	53.90 3.90 -0.01	53.71 4.05 -0.86	51.41 3.84 -3.37	51.55 3.87 -5.10	45.10 3.55 -0.33	44.40 3.44 -0.01	51.51 3.57 -6.49	52.26 3.74 -0.01	58.20 3.81 0.00	64.32 4.32 0.00	59.34 3.83 0.00	50.51 3.56 -1.35	48.11 3.00 -4.56	43.43 2.81 -0.54
CALPINE_BP_GT1 23823	40.69 2.27 -0.01	39.27 2.26 -0.01	37.65 2.27 -0.01	36.84 2.28 -0.01	38.62 2.39 -0.01	51.10 2.73 -6.96	55.23 3.33 0.00	62.98 4.01 0.00	57.93 3.69 0.00	53.75 3.61 0.00	53.90 3.90 -0.01	53.71 4.05 -0.86	51.41 3.84 -3.37	51.55 3.87 -5.10	45.10 3.55 -0.33	44.40 3.44 -0.01	51.51 3.57 -6.49	52.26 3.74 -0.01	58.20 3.81 0.00	64.32 4.32 0.00	59.34 3.83 0.00	50.51 3.56 -1.35	48.11 3.00 -4.56	43.43 2.81 -0.54
CALSPAN___DRP 24200	35.65 -2.77 0.00	34.15 -2.85 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.96 -2.44 0.00	48.07 -3.84 0.00	53.90 -5.07 0.00	49.78 -4.45 0.01	38.91 -4.06 7.17	39.83 -4.10 6.07	37.75 -4.10 6.95	34.00 -3.85 6.36	32.61 -3.83 6.14	31.61 -3.59 6.04	31.53 -3.48 5.94	33.78 -4.10 3.57	37.96 -4.66 5.90	46.29 -5.55 2.55	54.64 -5.34 0.02	50.05 -5.44 0.02	41.19 -4.38 0.03	37.26 -3.28 0.00	37.28 -2.81 0.00

CALVERTON___SOLAR 323806	40.92 2.50 -0.01	39.82 2.81 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.17 2.93 -0.01	51.76 3.40 -6.96	55.91 4.00 0.00	63.04 4.07 0.00	57.87 3.63 0.00	53.60 3.46 0.00	53.85 3.85 -0.01	53.61 3.95 -0.86	51.19 3.63 -3.37	51.17 3.49 -5.09	44.73 3.17 -0.33	44.03 3.07 -0.01	51.18 3.24 -6.49	52.12 3.59 -0.01	58.20 3.81 0.00	64.74 4.74 0.00	59.57 4.05 0.00	50.47 3.51 -1.35	48.43 3.33 -4.56	43.87 3.25 -0.54
CANDIGU_WT_PWR 323617	36.00 -2.42 0.00	34.56 -2.44 0.00	33.00 -2.37 0.00	32.17 -2.38 0.00	33.91 -2.32 0.00	39.08 -2.32 0.00	48.90 -3.01 0.00	55.37 -3.60 0.00	50.99 -3.15 0.09	-6.00 -3.26 52.88	1.78 -3.40 44.81	-6.00 -3.51 51.29	-6.00 -3.27 46.93	-6.00 -3.24 45.35	-6.00 -3.30 43.93	-6.00 -3.07 43.88	-6.00 -3.52 43.94	-6.00 -3.88 50.64	30.68 -4.19 19.52	55.64 -4.08 0.28	51.19 -4.05 0.28	42.26 -3.33 0.02	37.67 -2.88 0.00	37.72 -2.37 0.00
CARR STREET_E_SYR 24060	37.88 -0.54 0.00	36.49 -0.52 0.00	34.88 -0.50 0.00	34.07 -0.48 0.00	35.75 -0.47 0.00	40.95 -0.45 0.00	51.29 -0.62 0.00	58.20 -0.77 0.00	53.59 -0.65 0.00	49.59 -0.55 0.00	49.40 -0.60 0.00	48.12 -0.68 0.00	43.49 -0.71 0.00	41.86 -0.72 0.00	40.53 -0.70 0.00	40.29 -0.66 0.00	40.80 -0.66 0.00	47.79 -0.73 0.00	53.58 -0.81 0.00	59.22 -0.78 0.00	54.85 -0.66 0.00	45.06 -0.55 0.00	40.10 -0.45 0.00	39.69 -0.40 0.00
CARTHAGE___PAPER 23857	38.34 -0.08 0.00	36.86 -0.15 0.00	35.13 -0.25 0.00	34.38 -0.17 0.00	36.05 -0.18 0.00	41.20 -0.21 0.00	52.17 0.26 0.00	59.68 0.71 0.00	54.40 0.16 0.00	49.84 -0.30 0.00	49.49 -0.50 0.00	48.12 -0.68 0.00	43.36 -0.84 0.00	41.69 -0.90 0.00	40.65 -0.58 0.00	40.46 -0.49 0.00	40.76 -0.71 0.00	48.23 -0.29 0.00	54.61 0.22 0.00	60.60 0.60 0.00	56.07 0.56 0.00	45.88 0.28 0.00	40.42 -0.12 0.00	39.85 -0.24 0.00
CASSADAGA_WT_PWR 323784	34.85 -3.57 0.00	33.30 -3.70 0.00	31.76 -3.61 0.00	31.10 -3.45 0.00	33.11 -3.12 0.00	38.63 -2.77 0.00	48.27 -3.64 0.00	54.25 -4.72 0.00	50.22 -4.01 0.00	39.94 -4.41 5.78	40.31 -4.80 4.89	38.28 -4.93 5.60	34.57 -4.51 5.12	33.17 -4.47 4.95	31.64 -4.70 4.89	31.95 -4.22 4.79	34.41 -5.27 1.78	38.25 -5.92 4.35	45.56 -6.80 2.03	53.69 -6.30 0.01	48.95 -6.55 0.01	40.47 -5.11 0.03	36.33 -4.22 0.00	36.68 -3.41 0.00
CE_DUNWOOD___DRP 24194	39.99 1.58 0.00	38.63 1.63 0.00	36.96 1.59 0.00	36.14 1.59 0.00	37.86 1.63 0.00	43.26 1.86 0.00	54.71 2.80 0.00	62.63 3.66 0.00	57.60 3.36 0.00	53.30 3.16 0.00	53.19 3.20 0.00	52.07 3.27 0.00	47.25 3.05 0.00	45.52 2.94 0.00	44.03 2.80 0.00	43.53 2.58 0.00	44.11 2.65 0.00	51.48 2.96 0.00	57.60 3.21 0.00	63.60 3.60 0.00	58.79 3.28 0.00	48.30 2.69 0.00	42.73 2.19 0.00	42.05 1.96 0.00
CE_MILLWOOD___DRP 24193	39.88 1.46 0.00	38.52 1.52 0.00	36.86 1.49 0.00	36.00 1.45 0.00	37.75 1.52 0.00	43.14 1.74 0.00	54.56 2.65 0.00	62.39 3.42 0.00	57.38 3.15 0.00	53.05 2.91 0.00	52.99 3.00 0.00	51.83 3.03 0.00	47.03 2.83 0.00	45.35 2.77 0.00	43.87 2.64 0.00	43.37 2.42 0.00	43.95 2.49 0.00	51.28 2.77 0.00	57.44 3.05 0.00	63.36 3.36 0.00	58.62 3.11 0.00	48.11 2.51 0.00	42.61 2.07 0.00	41.93 1.84 0.00
CE_NYC2_DRP 24202	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.49 1.93 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.53 3.49 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
CE_NYC_DRP 24195	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.70 3.56 0.00	53.59 3.60 0.00	52.46 3.66 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.93 3.54 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
CHAFFEE___LFGE 323603	35.77 -2.65 0.00	34.30 -2.70 0.00	32.79 -2.58 0.00	32.03 -2.52 0.00	33.94 -2.28 0.00	39.17 -2.24 0.00	48.85 -3.06 0.00	54.84 -4.13 0.00	50.49 -3.74 0.00	41.11 -4.66 4.37	41.56 -4.75 3.69	40.28 -4.29 4.22	36.54 -3.80 3.86	35.15 -3.71 3.73	32.81 -4.70 3.72	33.98 -3.36 3.61	36.32 -5.14 0.00	39.92 -5.82 2.77	46.60 -6.31 1.48	54.84 -5.16 0.00	49.18 -6.33 0.00	41.20 -4.38 0.03	37.18 -3.36 0.00	37.56 -2.52 0.00
CHATEAUG_35_KV_LOAD 355732	38.46 0.04 0.00	36.93 -0.07 0.00	35.05 -0.32 0.00	34.10 -0.45 0.00	35.68 -0.54 0.00	40.49 -0.91 0.00	50.61 -1.30 0.00	57.38 -1.59 0.00	52.72 -1.52 0.00	48.69 -1.45 0.00	48.64 -1.35 0.00	47.43 -1.37 0.00	43.01 -1.19 0.00	41.60 -0.98 0.00	40.53 -0.70 0.00	40.42 -0.53 0.00	41.17 -0.29 0.00	48.37 -0.15 0.00	54.17 -0.22 0.00	59.16 -0.84 0.00	54.85 -0.67 0.00	44.65 -0.96 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
CHATEAUG_WT_PWR 323614	38.38 -0.04 0.00	36.82 -0.18 0.00	34.95 -0.42 0.00	34.00 -0.55 0.00	35.54 -0.69 0.00	40.37 -1.03 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.50 -1.74 0.00	48.53 -1.61 0.00	48.59 -1.40 0.00	47.34 -1.46 0.00	42.96 -1.24 0.00	41.56 -1.02 0.00	40.49 -0.74 0.00	40.38 -0.57 0.00	41.13 -0.33 0.00	48.28 -0.24 0.00	54.07 -0.32 0.00	58.92 -1.08 0.00	54.68 -0.83 0.00	44.47 -1.14 0.00	39.16 -1.38 0.00	38.76 -1.32 0.00
CHAT_HIGH_FALL_HYD 323578	38.46 0.04 0.00	36.93 -0.07 0.00	35.05 -0.32 0.00	34.10 -0.45 0.00	35.68 -0.54 0.00	40.49 -0.91 0.00	50.61 -1.30 0.00	57.38 -1.59 0.00	52.72 -1.52 0.00	48.69 -1.45 0.00	48.64 -1.35 0.00	47.43 -1.37 0.00	43.01 -1.19 0.00	41.60 -0.98 0.00	40.53 -0.70 0.00	40.42 -0.53 0.00	41.17 -0.29 0.00	48.37 -0.15 0.00	54.17 -0.22 0.00	59.16 -0.84 0.00	54.85 -0.67 0.00	44.65 -0.96 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
CHAUTAUQUA___LFGE 323629	35.58 -2.84 0.00	34.08 -2.92 0.00	32.54 -2.83 0.00	31.79 -2.77 0.00	33.73 -2.50 0.00	39.08 -2.32 0.00	48.64 -3.27 0.00	54.61 -4.36 0.00	50.43 -3.80 0.01	39.81 -3.91 6.42	40.47 -4.10 5.43	38.44 -4.15 6.22	34.67 -3.85 5.69	33.30 -3.79 5.49	31.94 -3.88 5.41	32.11 -3.52 5.32	34.57 -4.31 2.58	38.62 -4.85 5.05	46.52 -5.60 2.27	54.76 -5.22 0.02	50.11 -5.38 0.02	41.33 -4.24 0.03	37.02 -3.53 0.00	37.36 -2.73 0.00
CHERRYST_13_KV_LD 356241	40.23 1.81 0.00	38.85 1.85 0.00	37.21 1.84 0.00	36.38 1.83 0.00	38.11 1.88 0.00	43.51 2.11 0.00	55.23 3.32 0.00	63.27 4.30 0.00	58.20 3.96 0.00	53.85 3.71 0.00	53.74 3.75 0.00	52.61 3.81 0.00	47.74 3.54 0.00	46.03 3.45 0.00	44.53 3.30 0.00	43.94 2.99 0.00	44.53 3.07 0.00	52.01 3.49 0.00	58.09 3.70 0.00	64.08 4.08 0.00	59.29 3.78 0.00	48.71 3.10 0.00	43.06 2.51 0.00	42.29 2.20 0.00

CHESTROR_138KV_BK263 355645	39.53 1.11 0.00	38.11 1.11 0.00	36.47 1.10 0.00	35.66 1.11 0.00	37.38 1.16 0.00	42.73 1.32 0.00	53.88 1.97 0.00	61.62 2.65 0.00	56.62 2.39 0.00	52.35 2.21 0.00	52.24 2.25 0.00	51.09 2.29 0.00	46.37 2.17 0.00	44.67 2.09 0.00	43.21 1.98 0.00	42.75 1.80 0.00	43.33 1.87 0.00	50.56 2.04 0.00	56.73 2.34 0.00	62.64 2.64 0.00	57.90 2.39 0.00	47.52 1.92 0.00	42.12 1.58 0.00	41.53 1.44 0.00
CH_MIDHUDSON___DRP 24192	39.96 1.54 0.00	38.56 1.55 0.00	36.89 1.52 0.00	36.04 1.49 0.00	37.78 1.56 0.00	43.18 1.78 0.00	54.51 2.60 0.00	62.27 3.30 0.00	57.33 3.09 0.00	52.95 2.81 0.00	52.89 2.90 0.00	51.73 2.93 0.00	46.94 2.74 0.00	45.22 2.64 0.00	43.74 2.51 0.00	43.24 2.29 0.00	43.82 2.36 0.00	51.14 2.62 0.00	57.38 2.99 0.00	63.36 3.36 0.00	58.57 3.05 0.00	48.07 2.46 0.00	42.57 2.03 0.00	41.93 1.84 0.00
CH_MISC_IPPS 23765	40.03 1.61 0.00	38.63 1.63 0.00	36.97 1.59 0.00	36.11 1.56 0.00	37.86 1.63 0.00	43.27 1.86 0.00	54.66 2.75 0.00	62.69 3.72 0.00	57.66 3.42 0.00	53.30 3.16 0.00	53.24 3.25 0.00	52.07 3.27 0.00	47.21 3.01 0.00	45.44 2.85 0.00	43.83 2.60 0.00	43.45 2.50 0.00	44.03 2.57 0.00	51.43 2.91 0.00	57.76 3.37 0.00	63.84 3.84 0.00	58.90 3.39 0.00	48.30 2.69 0.00	42.81 2.27 0.00	42.13 2.04 0.00
CH_RES_BVR_FALLS 23983	37.80 -0.62 0.00	36.30 -0.70 0.00	34.59 -0.78 0.00	33.76 -0.79 0.00	35.36 -0.87 0.00	40.37 -1.03 0.00	50.61 -1.30 0.00	57.50 -1.47 0.00	52.83 -1.41 0.00	48.84 -1.30 0.00	48.75 -1.25 0.00	47.68 -1.12 0.00	43.27 -0.93 0.00	41.82 -0.77 0.00	40.61 -0.62 0.00	40.46 -0.49 0.00	40.97 -0.50 0.00	47.94 -0.58 0.00	53.63 -0.76 0.00	58.98 -1.02 0.00	54.46 -1.06 0.00	44.65 -0.96 0.00	39.65 -0.89 0.00	39.20 -0.88 0.00
CH_RES_NIAGARA 23895	34.73 -3.69 0.00	33.27 -3.74 0.00	31.83 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.27 -5.05 6.67	35.84 -5.32 7.64	32.13 -5.08 6.99	30.81 -5.02 6.75	29.66 -4.95 6.62	29.79 -4.63 6.53	32.32 -4.60 4.54	36.52 -5.29 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	36.16 -4.38 0.00	36.12 -3.97 0.00
CH_RES_SYRACUSE 23985	38.11 -0.31 0.00	36.71 -0.30 0.00	35.13 -0.25 0.00	34.31 -0.24 0.00	36.01 -0.22 0.00	41.20 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.70 -0.30 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.07 -0.51 0.00	40.73 -0.49 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.30 -0.24 0.00	39.89 -0.20 0.00
CLINTON_WT_PWR 323605	38.38 -0.04 0.00	36.82 -0.18 0.00	34.95 -0.42 0.00	34.00 -0.55 0.00	35.54 -0.69 0.00	40.37 -1.03 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.50 -1.74 0.00	48.53 -1.61 0.00	48.59 -1.40 0.00	47.34 -1.46 0.00	42.96 -1.24 0.00	41.56 -1.02 0.00	40.49 -0.74 0.00	40.38 -0.57 0.00	41.13 -0.33 0.00	48.28 -0.24 0.00	54.07 -0.32 0.00	58.92 -1.08 0.00	54.68 -0.83 0.00	44.47 -1.14 0.00	39.16 -1.38 0.00	38.76 -1.32 0.00
CLINTON___LFGE 323618	38.88 0.46 0.00	37.19 0.19 0.00	35.20 -0.18 0.00	34.17 -0.38 0.00	35.72 -0.51 0.00	40.45 -0.95 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.55 -1.68 0.00	48.64 -1.50 0.00	48.69 -1.30 0.00	47.49 -1.32 0.00	43.14 -1.06 0.00	41.82 -0.77 0.00	40.77 -0.45 0.00	40.75 -0.20 0.00	41.59 0.12 0.00	48.95 0.44 0.00	54.82 0.43 0.00	59.40 -0.60 0.00	55.35 -0.17 0.00	44.87 -0.73 0.00	39.29 -1.26 0.00	38.89 -1.20 0.00
COBBLENY_34_KV_TB1 80064	35.77 -2.65 0.00	34.30 -2.70 0.00	32.79 -2.58 0.00	32.03 -2.52 0.00	33.94 -2.28 0.00	39.17 -2.24 0.00	48.85 -3.06 0.00	54.78 -4.19 0.00	50.49 -3.74 4.37	41.11 -4.66 3.69	41.56 -4.75 4.22	40.28 -4.29 3.86	36.58 -3.76 3.73	35.15 -3.70 3.72	34.33 -3.17 3.61	33.98 -3.36 0.00	36.32 -5.14 2.77	39.92 -5.82 1.48	46.60 -6.31 0.00	54.84 -5.16 0.00	49.19 -6.33 0.00	41.20 -4.38 0.03	37.38 -3.16 0.00	37.56 -2.53 0.00
COFFEEN___115KV_TB3 355620	39.00 0.58 0.00	37.48 0.48 0.00	35.69 0.32 0.00	34.97 0.41 0.00	36.70 0.47 0.00	41.90 0.50 0.00	53.16 1.25 0.00	60.92 1.95 0.00	55.38 1.14 0.00	50.74 0.60 0.00	50.34 0.35 0.00	48.85 0.05 0.00	43.98 -0.22 0.00	42.16 -0.43 0.00	40.98 -0.25 0.00	40.83 -0.12 0.00	41.21 -0.25 0.00	48.86 0.34 0.00	55.48 1.09 0.00	61.68 1.68 0.00	57.07 1.55 0.00	46.70 1.09 0.00	41.11 0.57 0.00	40.45 0.36 0.00
COLDSPRG_115KV_BK1 355956	35.96 -2.46 0.00	34.45 -2.55 0.00	32.90 -2.48 0.00	32.13 -2.42 0.00	34.16 -2.06 0.00	39.62 -1.78 0.00	49.52 -2.39 0.00	55.61 -3.36 0.00	51.36 -2.87 0.00	42.41 -3.51 4.22	42.68 -3.75 3.56	41.06 -3.66 4.08	37.20 -3.27 3.73	35.70 -3.28 3.60	34.75 -2.89 3.59	34.48 -2.99 3.49	37.11 -4.35 0.00	41.00 -4.85 2.67	47.47 -5.49 1.42	55.44 -4.56 0.00	50.24 -5.27 0.00	41.70 -3.88 0.03	37.75 -2.80 0.00	37.88 -2.20 0.00
COLONIE_LFGE___ 323577	39.84 1.42 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.57 1.34 0.00	42.97 1.57 0.00	53.93 2.02 0.00	61.56 2.59 0.00	56.73 2.50 0.00	52.34 2.20 0.00	52.14 2.15 0.00	51.05 2.25 0.00	46.32 2.12 0.00	44.59 2.00 0.00	43.08 1.86 0.00	42.80 1.84 0.00	43.24 1.78 0.00	50.46 1.94 0.00	56.78 2.39 0.00	62.63 2.64 0.00	58.02 2.50 0.00	47.61 2.00 0.00	42.37 1.83 0.00	41.89 1.81 0.00
COOPERNY_115KV_TB1 80082	39.19 0.77 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.31 0.76 0.00	37.06 0.83 0.00	42.35 0.95 0.00	53.31 1.40 0.00	60.86 1.89 0.00	55.92 1.68 0.00	51.69 1.55 0.00	51.59 1.60 0.00	50.41 1.61 0.00	45.70 1.50 0.00	44.03 1.45 0.00	42.63 1.40 0.00	42.22 1.27 0.00	42.75 1.29 0.00	49.97 1.46 0.00	56.02 1.63 0.00	61.86 1.86 0.00	57.18 1.67 0.00	46.97 1.37 0.00	41.64 1.09 0.00	41.09 1.00 0.00
COPENHAGEN_WT_PWR 323753	38.61 0.19 0.00	37.11 0.11 0.00	35.41 0.04 0.00	34.65 0.10 0.00	36.33 0.11 0.00	41.53 0.12 0.00	52.58 0.67 0.00	60.21 1.24 0.00	54.89 0.65 0.00	50.39 0.25 0.00	49.99 0.00 0.00	48.56 -0.24 0.00	43.76 -0.44 0.00	41.99 -0.60 0.00	40.82 -0.41 0.00	40.67 -0.28 0.00	41.01 -0.46 0.00	48.52 0.00 0.00	54.93 0.54 0.00	61.02 1.02 0.00	56.40 0.89 0.00	46.20 0.59 0.00	40.71 0.16 0.00	40.13 0.04 0.00
CORNELL_____ 23752	38.77 0.35 0.00	37.30 0.30 0.00	35.65 0.28 0.00	34.83 0.28 0.00	36.55 0.33 0.00	41.90 0.50 0.00	52.69 0.78 0.00	59.85 0.88 0.00	55.11 0.87 -16.86	67.60 0.60 13.90	64.24 0.35 13.90	64.87 0.15 15.92	58.81 0.04 14.56	56.61 -0.04 14.07	54.99 -0.08 13.85	54.60 0.04 13.61	43.57 0.00 2.11	61.31 0.29 12.50	61.26 0.60 6.27	60.91 0.90 -0.01	56.31 0.78 -0.01	46.15 0.55 0.00	40.99 0.45 0.00	40.57 0.48 0.00

CORONA__69_KV_TB1 355595	40.69 2.27 0.00	39.30 2.29 0.00	37.60 2.23 0.00	36.76 2.21 0.00	38.54 2.32 0.00	51.05 2.69 -6.96	55.60 3.69 0.00	63.45 4.48 0.00	58.41 4.18 0.00	54.10 3.96 0.00	54.24 4.25 0.00	54.00 4.34 -0.85	51.58 4.02 -3.36	51.54 3.88 -5.09	45.22 3.67 -0.32	44.35 3.40 0.00	51.46 3.52 -6.48	52.35 3.83 0.00	58.58 4.19 0.00	64.74 4.74 0.00	59.73 4.22 0.00	50.64 3.69 -1.34	48.14 3.04 -4.56	43.38 2.77 -0.53
CORTLAND__115KV_TB3 80093	38.46 0.04 0.00	37.04 0.04 0.00	35.41 0.04 0.00	34.59 0.03 0.00	36.33 0.11 0.00	41.61 0.21 0.00	52.27 0.36 0.00	59.38 0.41 0.00	54.62 0.38 0.00	54.29 0.20 -3.95	53.30 0.05 -3.25	52.43 -0.10 -3.72	47.48 -0.13 -3.41	45.66 -0.21 -3.29	44.27 -0.21 -3.25	44.01 -0.12 -3.18	41.25 -0.21 0.00	51.23 -0.05 -2.76	55.97 0.11 -1.47	60.36 0.36 0.00	55.74 0.22 0.00	45.79 0.18 0.00	40.71 0.16 0.00	40.29 0.20 0.00
COXSACKIE__GT 23611	40.42 2.00 0.00	38.93 1.92 0.00	37.21 1.84 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.59 2.19 0.00	55.02 3.11 0.00	62.92 3.95 0.00	57.82 3.58 0.00	53.10 2.96 0.00	52.64 2.65 0.00	51.39 2.58 0.00	46.54 2.34 0.00	44.63 2.04 0.00	43.13 1.90 0.00	42.80 1.84 0.00	43.49 2.03 0.00	51.04 2.52 0.00	57.87 3.48 0.00	64.13 4.14 0.00	59.12 3.61 0.00	48.30 2.69 0.00	42.93 2.39 0.00	42.41 2.32 0.00
CPV_VALLEY__CC1 323721	39.26 0.84 0.00	37.89 0.89 0.00	36.26 0.88 0.00	35.41 0.86 0.00	37.13 0.91 0.00	42.44 1.04 0.00	53.52 1.61 0.00	61.15 2.18 0.00	56.24 2.01 0.00	52.00 1.86 0.00	51.89 1.90 0.00	50.70 1.90 0.00	46.01 1.81 0.00	44.33 1.75 0.00	42.83 1.61 0.00	42.51 1.56 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.29 1.90 0.00	62.15 2.16 0.00	57.46 1.94 0.00	47.20 1.60 0.00	41.88 1.34 0.00	41.25 1.16 0.00
CPV_VALLEY__CC2 323722	39.26 0.84 0.00	37.89 0.89 0.00	36.26 0.88 0.00	35.41 0.86 0.00	37.13 0.91 0.00	42.44 1.04 0.00	53.52 1.61 0.00	61.15 2.18 0.00	56.24 2.01 0.00	52.00 1.86 0.00	51.89 1.90 0.00	50.70 1.90 0.00	46.01 1.81 0.00	44.33 1.75 0.00	42.83 1.61 0.00	42.51 1.56 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.29 1.90 0.00	62.15 2.16 0.00	57.46 1.94 0.00	47.20 1.60 0.00	41.88 1.34 0.00	41.25 1.16 0.00
CRESCENT__HYD 24018	39.84 1.42 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.57 1.34 0.00	42.97 1.57 0.00	53.93 2.02 0.00	61.56 2.59 0.00	56.73 2.50 0.00	52.34 2.20 0.00	52.14 2.15 0.00	51.05 2.25 0.00	46.32 2.12 0.00	44.59 2.00 0.00	43.08 1.86 0.00	42.80 1.84 0.00	43.24 1.78 0.00	50.46 1.94 0.00	56.78 2.39 0.00	62.63 2.64 0.00	58.02 2.50 0.00	47.61 2.00 0.00	42.37 1.83 0.00	41.89 1.81 0.00
CRICKET__VALLEY_CC1 323756	39.80 1.38 0.00	38.37 1.37 0.00	36.75 1.38 0.00	35.93 1.38 0.00	37.64 1.41 0.00	43.01 1.61 0.00	54.25 2.34 0.00	61.92 2.95 0.00	57.00 2.76 0.00	52.65 2.51 0.00	52.54 2.55 0.00	51.48 2.68 0.00	46.72 2.52 0.00	45.01 2.43 0.00	43.45 2.22 0.00	43.12 2.17 0.00	43.62 2.15 0.00	50.90 2.38 0.00	57.11 2.72 0.00	63.00 3.00 0.00	58.29 2.77 0.00	47.84 2.23 0.00	42.45 1.91 0.00	41.81 1.72 0.00
CRICKET__VALLEY_CC2 323757	39.80 1.38 0.00	38.37 1.37 0.00	36.75 1.38 0.00	35.93 1.38 0.00	37.64 1.41 0.00	43.01 1.61 0.00	54.25 2.34 0.00	61.92 2.95 0.00	57.00 2.76 0.00	52.65 2.51 0.00	52.54 2.55 0.00	51.48 2.68 0.00	46.72 2.52 0.00	45.01 2.43 0.00	43.45 2.22 0.00	43.12 2.17 0.00	43.62 2.15 0.00	50.90 2.38 0.00	57.11 2.72 0.00	63.00 3.00 0.00	58.29 2.77 0.00	47.84 2.23 0.00	42.45 1.91 0.00	41.81 1.72 0.00
CRICKET__VALLEY_CC3 323758	39.80 1.38 0.00	38.37 1.37 0.00	36.75 1.38 0.00	35.93 1.38 0.00	37.64 1.41 0.00	43.01 1.61 0.00	54.25 2.34 0.00	61.92 2.95 0.00	57.00 2.76 0.00	52.65 2.51 0.00	52.54 2.55 0.00	51.48 2.68 0.00	46.72 2.52 0.00	45.01 2.43 0.00	43.45 2.22 0.00	43.12 2.17 0.00	43.62 2.15 0.00	50.90 2.38 0.00	57.11 2.72 0.00	63.00 3.00 0.00	58.29 2.77 0.00	47.84 2.23 0.00	42.45 1.91 0.00	41.81 1.72 0.00
CRUCIBLE__METL_DRP 24180	38.11 -0.31 0.00	36.71 -0.30 0.00	35.12 -0.25 0.00	34.31 -0.24 0.00	36.01 -0.22 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.69 -0.30 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.07 -0.51 0.00	40.69 -0.54 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.34 -0.20 0.00	39.89 -0.20 0.00
DAHOWA__HYDRO 323763	40.26 1.84 0.00	38.74 1.74 0.00	37.10 1.73 0.00	36.24 1.69 0.00	37.89 1.67 0.00	43.47 2.07 0.00	54.14 2.23 0.00	61.92 2.95 0.00	57.11 2.87 0.00	52.65 2.51 0.00	52.34 2.35 0.00	51.24 2.44 0.00	46.41 2.21 0.00	44.63 2.04 0.00	43.08 1.86 0.00	42.80 1.84 0.00	43.28 1.82 0.00	50.56 2.04 0.00	56.95 2.56 0.00	62.88 2.88 0.00	58.34 2.83 0.00	47.79 2.19 0.00	42.89 2.35 0.00	42.41 2.32 0.00
DANC__LFGE 323619	38.15 -0.27 0.00	36.71 -0.30 0.00	35.02 -0.35 0.00	34.27 -0.28 0.00	35.93 -0.29 0.00	41.07 -0.33 0.00	51.86 -0.05 0.00	59.15 0.18 0.00	54.13 -0.11 0.00	49.79 -0.35 0.00	49.49 -0.50 0.00	48.07 -0.73 0.00	43.41 -0.79 0.00	41.65 -0.94 0.00	40.49 -0.74 0.00	40.25 -0.70 0.00	40.67 -0.79 0.00	47.99 -0.53 0.00	54.17 -0.22 0.00	60.06 0.06 0.00	55.57 0.06 0.00	45.56 -0.05 0.00	40.26 -0.28 0.00	39.73 -0.36 0.00
DANSKAMMER__1 23586	40.03 1.61 0.00	38.63 1.63 0.00	36.97 1.59 0.00	36.11 1.56 0.00	37.86 1.63 0.00	43.27 1.86 0.00	54.66 2.75 0.00	62.69 3.72 0.00	57.66 3.42 0.00	53.30 3.16 0.00	53.24 3.25 0.00	52.07 3.27 0.00	47.21 3.01 0.00	45.44 2.85 0.00	43.83 2.60 0.00	43.45 2.50 0.00	44.03 2.57 0.00	51.43 2.91 0.00	57.76 3.37 0.00	63.84 3.84 0.00	58.90 3.39 0.00	48.30 2.69 0.00	42.81 2.27 0.00	42.13 2.04 0.00
DANSKAMMER__2 23589	40.03 1.61 0.00	38.63 1.63 0.00	36.97 1.59 0.00	36.11 1.56 0.00	37.86 1.63 0.00	43.27 1.86 0.00	54.66 2.75 0.00	62.69 3.72 0.00	57.66 3.42 0.00	53.30 3.16 0.00	53.24 3.25 0.00	52.07 3.27 0.00	47.21 3.01 0.00	45.44 2.85 0.00	43.83 2.60 0.00	43.45 2.50 0.00	44.03 2.57 0.00	51.43 2.91 0.00	57.76 3.37 0.00	63.84 3.84 0.00	58.90 3.39 0.00	48.30 2.69 0.00	42.81 2.27 0.00	42.13 2.04 0.00
DANSKAMMER__3 23590	40.03 1.61 0.00	38.63 1.63 0.00	36.97 1.59 0.00	36.11 1.56 0.00	37.86 1.63 0.00	43.27 1.86 0.00	54.66 2.75 0.00	62.69 3.72 0.00	57.66 3.42 0.00	53.30 3.16 0.00	53.24 3.25 0.00	52.07 3.27 0.00	47.21 3.01 0.00	45.44 2.85 0.00	43.83 2.60 0.00	43.45 2.50 0.00	44.03 2.57 0.00	51.43 2.91 0.00	57.76 3.37 0.00	63.84 3.84 0.00	58.90 3.39 0.00	48.30 2.69 0.00	42.81 2.27 0.00	42.13 2.04 0.00

DANSKAMMER___4 23591	40.03 1.61 0.00	38.63 1.63 0.00	36.97 1.59 0.00	36.11 1.56 0.00	37.86 1.63 0.00	43.27 1.86 0.00	54.66 2.75 0.00	62.69 3.72 0.00	57.66 3.42 0.00	53.30 3.16 0.00	53.24 3.25 0.00	52.07 3.27 0.00	47.21 3.01 0.00	45.44 2.85 0.00	43.83 2.60 0.00	43.45 2.50 0.00	44.03 2.57 0.00	51.43 2.91 0.00	57.76 3.37 0.00	63.84 3.84 0.00	58.90 3.39 0.00	48.30 2.69 0.00	42.81 2.27 0.00	42.13 2.04 0.00
DANSKAMMER___DIESEL 23592	40.03 1.61 0.00	38.63 1.63 0.00	36.96 1.59 0.00	36.11 1.55 0.00	37.86 1.63 0.00	43.26 1.86 0.00	54.66 2.75 0.00	62.69 3.72 0.00	57.65 3.42 0.00	53.30 3.16 0.00	53.24 3.25 0.00	52.07 3.27 0.00	47.21 3.01 0.00	45.44 2.85 0.00	43.95 2.72 0.00	43.45 2.50 0.00	44.03 2.57 0.00	51.43 2.91 0.00	57.76 3.37 0.00	63.84 3.84 0.00	58.90 3.39 0.00	48.30 2.69 0.00	42.77 2.23 0.00	42.13 2.04 0.00
DARBY___SOLAR 323810	40.23 1.81 0.00	38.71 1.70 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.86 1.63 0.00	43.43 2.03 0.00	54.14 2.23 0.00	61.86 2.89 0.00	57.11 2.87 0.00	52.65 2.51 0.00	52.34 2.35 0.00	51.24 2.44 0.00	46.41 2.21 0.00	44.67 2.09 0.00	43.13 1.90 0.00	42.84 1.88 0.00	43.28 1.82 0.00	50.56 2.04 0.00	56.95 2.56 0.00	62.88 2.88 0.00	58.34 2.83 0.00	47.79 2.19 0.00	42.81 2.27 0.00	42.33 2.24 0.00
DASHVILLE___HYD 23610	39.84 1.42 0.00	38.45 1.44 0.00	36.75 1.38 0.00	35.93 1.38 0.00	37.67 1.45 0.00	43.02 1.61 0.00	54.40 2.49 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.75 2.61 0.00	52.69 2.70 0.00	51.48 2.68 0.00	46.72 2.52 0.00	44.97 2.38 0.00	43.50 2.27 0.00	43.00 2.05 0.00	43.58 2.11 0.00	50.95 2.43 0.00	57.22 2.83 0.00	63.24 3.24 0.00	58.35 2.83 0.00	47.93 2.33 0.00	42.53 1.99 0.00	41.81 1.72 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.42 3.00 0.00	40.33 3.33 0.00	38.59 3.22 0.00	37.76 3.21 0.00	39.52 3.30 0.00	52.12 3.77 -6.96	56.63 4.72 0.00	63.39 4.42 0.00	58.20 3.96 0.00	53.85 3.71 0.00	53.94 3.95 0.00	53.70 4.05 -0.85	51.18 3.62 -3.36	51.12 3.45 -5.09	44.80 3.26 -0.32	43.94 2.99 0.00	51.05 3.11 -6.48	51.82 3.30 0.00	58.09 3.70 0.00	64.80 4.80 0.00	59.62 4.11 0.00	50.41 3.47 -1.34	48.26 3.16 -4.56	43.90 3.29 -0.53
DELAWARE___LFGE 323621	39.30 0.88 0.00	37.85 0.85 0.00	36.19 0.81 0.00	35.35 0.79 0.00	37.09 0.87 0.00	42.44 1.04 0.00	53.36 1.45 0.00	60.86 1.89 0.00	55.86 1.63 0.00	51.64 1.50 0.00	51.44 1.45 0.00	50.17 1.37 0.00	45.44 1.24 0.00	43.73 1.15 0.00	42.30 1.07 0.00	41.97 1.02 0.00	42.54 1.08 0.00	49.83 1.31 0.00	55.86 1.47 0.00	61.74 1.74 0.00	57.01 1.50 0.00	46.88 1.28 0.00	41.60 1.05 0.00	41.05 0.96 0.00
DERFIELD_115KV_TB7 355931	38.50 0.08 0.00	37.08 0.07 0.00	35.44 0.07 0.00	34.62 0.07 0.00	36.30 0.07 0.00	41.48 0.08 0.00	52.01 0.10 0.00	59.21 0.24 0.00	54.45 0.22 0.00	50.34 0.20 0.00	50.19 0.20 0.00	49.00 0.20 0.00	44.38 0.18 0.00	42.75 0.17 0.00	41.43 0.21 0.00	41.16 0.20 0.00	41.63 0.17 0.00	48.71 0.19 0.00	54.61 0.22 0.00	60.24 0.24 0.00	55.74 0.22 0.00	45.79 0.18 0.00	40.66 0.12 0.00	40.21 0.12 0.00
DOGLEVILLE___HYD 23807	37.65 -0.77 0.00	36.11 -0.89 0.00	34.49 -0.88 0.00	33.72 -0.83 0.00	35.39 -0.83 0.00	40.45 -0.95 0.00	50.82 -1.09 0.00	57.91 -1.06 0.00	53.26 -0.97 0.00	49.29 -0.85 0.00	49.29 -0.70 0.00	48.22 -0.58 0.00	43.72 -0.49 0.00	42.20 -0.38 0.00	40.90 -0.33 0.00	40.71 -0.24 0.00	41.17 -0.29 0.00	48.08 -0.44 0.00	53.90 -0.49 0.00	59.40 -0.60 0.00	54.79 -0.72 0.00	45.01 -0.59 0.00	39.94 -0.61 0.00	39.40 -0.68 0.00
DUNKIRK___115KV_TB_200 55889	35.65 -2.77 0.00	34.15 -2.85 0.00	32.61 -2.76 0.00	31.86 -2.69 0.00	33.80 -2.43 0.00	39.17 -2.24 0.00	48.69 -3.22 0.00	54.67 -4.30 0.00	50.43 -3.80 0.01	39.85 -3.81 6.48	40.51 -4.00 5.48	38.43 -4.10 6.28	34.70 -3.76 5.74	33.33 -3.70 5.55	32.30 -3.46 5.46	32.14 -3.44 5.37	34.58 -4.23 2.66	38.64 -4.75 5.12	46.60 -5.49 2.29	54.88 -5.10 0.02	50.17 -5.33 0.02	41.38 -4.20 0.03	37.34 -3.20 0.00	37.40 -2.69 0.00
DUNKIRK___1 23563	35.65 -2.77 0.00	34.15 -2.85 0.00	32.61 -2.76 0.00	31.86 -2.69 0.00	33.80 -2.43 0.00	39.17 -2.24 0.00	48.69 -3.22 0.00	54.67 -4.30 0.00	50.43 -3.80 0.01	39.85 -3.81 6.48	40.51 -4.00 5.48	38.43 -4.10 6.28	34.70 -3.76 5.74	33.33 -3.70 5.55	32.30 -3.46 5.46	32.14 -3.44 5.37	34.58 -4.23 2.66	38.64 -4.75 5.12	46.60 -5.49 2.29	54.88 -5.10 0.02	50.17 -5.33 0.02	41.38 -4.20 0.03	37.34 -3.20 0.00	37.40 -2.69 0.00
DUNKIRK___2 23564	35.65 -2.77 0.00	34.15 -2.85 0.00	32.61 -2.76 0.00	31.86 -2.69 0.00	33.80 -2.43 0.00	39.17 -2.24 0.00	48.69 -3.22 0.00	54.67 -4.30 0.00	50.43 -3.80 0.01	39.85 -3.81 6.48	40.51 -4.00 5.48	38.43 -4.10 6.28	34.70 -3.76 5.74	33.33 -3.70 5.55	32.30 -3.46 5.46	32.14 -3.44 5.37	34.58 -4.23 2.66	38.64 -4.75 5.12	46.60 -5.49 2.29	54.88 -5.10 0.02	50.17 -5.33 0.02	41.38 -4.20 0.03	37.34 -3.20 0.00	37.40 -2.69 0.00
DUNKIRK___3 23565	35.65 -2.77 0.00	34.15 -2.85 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.80 -2.43 0.00	39.08 -2.32 0.00	48.54 -3.37 0.00	54.49 -4.48 0.00	50.33 -3.91 0.01	39.55 -3.91 6.67	40.30 -4.05 5.65	38.23 -4.10 6.47	34.48 -3.80 5.92	33.12 -3.75 5.72	32.10 -3.50 5.63	31.98 -3.44 5.53	34.39 -4.19 2.89	38.43 -4.75 5.33	46.53 -5.49 2.37	54.82 -5.16 0.02	50.17 -5.33 0.02	41.38 -4.20 0.03	37.34 -3.20 0.00	37.40 -2.69 0.00
DUNKIRK___4 23566	35.65 -2.77 0.00	34.15 -2.85 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.80 -2.43 0.00	39.08 -2.32 0.00	48.54 -3.37 0.00	54.49 -4.48 0.00	50.33 -3.91 0.01	39.55 -3.91 6.67	40.30 -4.05 5.65	38.23 -4.10 6.47	34.48 -3.80 5.92	33.12 -3.75 5.72	32.10 -3.50 5.63	31.98 -3.44 5.53	34.39 -4.19 2.89	38.43 -4.75 5.33	46.53 -5.49 2.37	54.82 -5.16 0.02	50.17 -5.33 0.02	41.38 -4.20 0.03	37.34 -3.20 0.00	37.40 -2.69 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.03 1.61 0.00	38.67 1.67 0.00	37.00 1.63 0.00	36.17 1.62 0.00	37.89 1.67 0.00	43.31 1.90 0.00	54.82 2.91 0.00	62.74 3.77 0.00	57.71 3.47 0.00	53.40 3.26 0.00	53.29 3.30 0.00	52.17 3.37 0.00	47.34 3.14 0.00	45.65 3.07 0.00	44.15 2.93 0.00	43.61 2.66 0.00	44.20 2.74 0.00	51.58 3.06 0.00	57.71 3.32 0.00	63.72 3.72 0.00	58.90 3.39 0.00	48.39 2.78 0.00	42.81 2.27 0.00	42.09 2.00 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.73 1.31 0.00	38.34 1.33 0.00	36.68 1.31 0.00	35.83 1.28 0.00	37.57 1.34 0.00	42.97 1.57 0.00	54.25 2.34 0.00	62.10 3.13 0.00	57.06 2.82 0.00	52.75 2.61 0.00	52.69 2.70 0.00	51.48 2.68 0.00	46.72 2.52 0.00	45.01 2.43 0.00	43.54 2.31 0.00	43.04 2.09 0.00	43.62 2.16 0.00	50.95 2.43 0.00	57.22 2.83 0.00	63.18 3.18 0.00	58.35 2.83 0.00	47.89 2.28 0.00	42.41 1.86 0.00	41.77 1.68 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.23 1.81 -0.01	38.86 1.85 -0.01	37.22 1.84 -0.01	36.36 1.80 -0.01	38.12 1.88 -0.01	43.43 2.03 0.00	55.07 3.17 0.01	63.09 4.13 0.01	57.97 3.74 0.01	53.64 3.51 0.01	53.59 3.60 0.01	52.45 3.66 0.01	47.60 3.40 0.01	45.85 3.28 0.01	44.35 3.13 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.86 3.35 0.01	57.97 3.59 0.01	63.84 3.84 0.00	59.12 3.61 0.00	48.61 3.01 0.01	42.93 2.39 0.01	42.26 2.16 -0.01
E179THST_13_KV_LOAD 356214	40.39 1.96 -0.01	39.01 2.00 -0.01	37.33 1.95 -0.01	36.46 1.90 -0.01	38.23 1.99 -0.01	43.60 2.19 0.00	55.28 3.37 0.01	63.33 4.36 0.01	58.19 3.96 0.01	53.89 3.76 0.01	53.79 3.80 0.01	52.65 3.86 0.01	47.77 3.58 0.01	46.07 3.49 0.01	44.56 3.34 0.01	44.01 3.07 0.01	44.60 3.15 0.01	52.05 3.54 0.01	58.19 3.81 0.01	64.14 4.14 0.00	59.40 3.89 0.00	48.79 3.19 0.01	43.13 2.59 0.01	42.42 2.33 -0.01
EAST HAMPTON___GT 23717	41.66 3.23 -0.01	40.56 3.55 -0.01	38.88 3.50 -0.01	37.98 3.42 -0.01	39.64 3.40 -0.01	52.17 3.81 -6.96	56.22 4.31 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.65 3.51 0.00	53.50 3.50 -0.01	53.22 3.56 -0.86	50.71 3.14 -3.37	50.61 2.94 -5.09	44.11 2.56 -0.33	43.42 2.46 -0.01	50.48 2.53 -6.49	51.29 2.76 -0.01	57.43 3.04 0.00	64.13 4.14 0.00	59.12 3.61 0.00	49.96 3.01 -1.35	47.78 2.68 -4.56	43.55 2.92 -0.54
EAST RIVER___6 23660	40.15 1.73 0.00	38.78 1.78 0.00	37.17 1.80 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.47 2.07 0.00	55.13 3.22 0.00	63.10 4.13 0.00	58.03 3.80 0.00	53.75 3.61 0.00	53.64 3.65 0.00	52.51 3.71 0.00	47.65 3.45 0.00	45.95 3.36 0.00	44.32 3.09 0.00	43.86 2.91 0.00	44.45 2.99 0.00	51.91 3.40 0.00	57.98 3.59 0.00	63.90 3.90 0.00	59.18 3.66 0.00	48.62 3.01 0.00	43.02 2.47 0.00	42.21 2.12 0.00
EAST RIVER___7 23524	40.15 1.73 0.00	38.78 1.78 0.00	37.17 1.80 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.47 2.07 0.00	55.13 3.22 0.00	63.10 4.13 0.00	58.03 3.80 0.00	53.75 3.61 0.00	53.64 3.65 0.00	52.51 3.71 0.00	47.65 3.45 0.00	45.95 3.36 0.00	44.32 3.09 0.00	43.86 2.91 0.00	44.45 2.99 0.00	51.91 3.40 0.00	57.98 3.59 0.00	63.90 3.90 0.00	59.18 3.66 0.00	48.62 3.01 0.00	43.02 2.47 0.00	42.21 2.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.99 1.58 0.00	38.63 1.63 0.00	36.96 1.59 0.00	36.14 1.59 0.00	37.86 1.63 0.00	43.26 1.86 0.00	54.71 2.80 0.00	62.63 3.66 0.00	57.60 3.36 0.00	53.30 3.16 0.00	53.19 3.20 0.00	52.07 3.27 0.00	47.25 3.05 0.00	45.52 2.94 0.00	44.03 2.80 0.00	43.53 2.58 0.00	44.11 2.65 0.00	51.48 2.96 0.00	57.60 3.21 0.00	63.60 3.60 0.00	58.79 3.28 0.00	48.30 2.69 0.00	42.73 2.19 0.00	42.05 1.96 0.00
EAST_HAMPTON___DIESEL 23722	41.66 3.23 -0.01	40.53 3.52 -0.01	38.88 3.50 -0.01	37.95 3.39 -0.01	39.60 3.37 -0.01	52.13 3.77 -6.96	56.17 4.26 0.00	63.16 4.19 0.00	57.93 3.69 0.00	53.55 3.41 0.00	53.35 3.35 -0.01	53.13 3.47 -0.86	50.62 3.05 -3.37	50.53 2.85 -5.09	43.99 2.43 -0.33	43.33 2.37 -0.01	50.35 2.40 -6.49	51.15 2.62 -0.01	57.27 2.88 0.00	63.96 3.96 0.00	59.01 3.50 0.00	49.83 2.87 -1.35	47.66 2.56 -4.56	43.47 2.85 -0.54
EAST_POINT___SOLAR 323840	40.99 2.57 0.00	39.37 2.37 0.00	37.71 2.33 0.00	36.87 2.32 0.00	38.51 2.28 0.00	44.38 2.98 0.00	55.96 4.05 0.00	63.33 4.36 0.00	57.66 3.42 0.00	52.55 2.41 0.00	51.85 1.85 0.00	50.02 1.22 0.00	45.75 1.55 0.00	44.07 1.49 0.00	42.38 1.15 0.00	42.63 1.68 0.00	43.62 2.15 0.00	51.63 3.11 0.00	58.69 4.30 0.00	64.97 4.98 0.00	60.40 4.89 0.00	49.26 3.65 0.00	43.62 3.08 0.00	43.13 3.05 0.00
EAST_PULASKI___ESR 323781	37.80 -0.62 0.00	36.41 -0.59 0.00	34.77 -0.60 0.00	34.00 -0.55 0.00	35.68 -0.54 0.00	40.82 -0.58 0.00	51.29 -0.62 0.00	58.32 -0.65 0.00	53.53 -0.71 0.00	49.39 -0.75 0.00	49.10 -0.90 0.00	47.77 -1.03 0.00	43.14 -1.06 0.00	41.48 -1.11 0.00	40.24 -0.99 0.00	40.01 -0.94 0.00	40.47 -1.00 0.00	47.60 -0.92 0.00	53.52 -0.87 0.00	59.28 -0.72 0.00	54.85 -0.66 0.00	45.01 -0.59 0.00	39.94 -0.61 0.00	39.49 -0.60 0.00
EAST_RIVER___1 323558	40.15 1.73 0.00	38.74 1.74 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.77 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.70 3.56 0.00	53.60 3.60 0.00	52.46 3.66 0.00	47.56 3.36 0.00	45.86 3.28 0.00	44.24 3.01 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.86 3.35 0.00	57.92 3.53 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.98 2.43 0.00	42.21 2.12 0.00
EAST_RIVER___2 323559	40.15 1.73 0.00	38.78 1.78 0.00	37.17 1.80 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.47 2.07 0.00	55.13 3.22 0.00	63.10 4.13 0.00	58.03 3.80 0.00	53.75 3.61 0.00	53.64 3.65 0.00	52.51 3.71 0.00	47.65 3.45 0.00	45.95 3.36 0.00	44.32 3.09 0.00	43.86 2.91 0.00	44.45 2.99 0.00	51.91 3.40 0.00	57.98 3.59 0.00	63.90 3.90 0.00	59.18 3.66 0.00	48.62 3.01 0.00	43.02 2.47 0.00	42.21 2.12 0.00
EAST___DELAWARE_HYD 23607	39.61 1.19 0.00	38.22 1.22 0.00	36.54 1.17 0.00	35.69 1.14 0.00	37.42 1.19 0.00	42.81 1.41 0.00	54.04 2.13 0.00	61.86 2.89 0.00	56.84 2.60 0.00	52.55 2.41 0.00	52.49 2.50 0.00	51.24 2.44 0.00	46.37 2.17 0.00	44.63 2.04 0.00	43.08 1.86 0.00	42.71 1.76 0.00	43.33 1.87 0.00	50.70 2.19 0.00	57.05 2.66 0.00	63.12 3.12 0.00	58.18 2.66 0.00	47.66 2.05 0.00	42.25 1.70 0.00	41.61 1.52 0.00
EIGHT_POINT___WT_PWR 323820	36.07 -2.34 0.00	34.60 -2.40 0.00	32.86 -2.51 0.00	31.82 -2.73 0.00	33.40 -2.83 0.00	38.55 -2.86 0.00	48.64 -3.27 0.00	55.37 -3.60 0.00	51.45 -2.82 -0.04	58.95 -3.01 -11.82	56.99 -3.15 -10.14	57.03 -3.37 -11.60	51.64 -3.18 -10.62	49.61 -3.24 -10.26	47.66 -3.30 -9.73	47.77 -3.11 -9.93	56.99 -3.52 -19.05	59.54 -3.83 -14.86	54.78 -4.24 -4.63	55.98 -4.14 -0.12	51.53 -4.11 -0.12	42.12 -3.47 0.02	37.50 -3.04 0.00	37.64 -2.45 0.00
ELBRIDGE_115KV_TB2 80188	37.88 -0.54 0.00	36.49 -0.52 0.00	34.88 -0.50 0.00	34.10 -0.45 0.00	35.79 -0.43 0.00	40.95 -0.46 0.00	51.34 -0.57 0.00	58.20 -0.77 0.00	53.64 -0.60 0.00	49.59 -0.55 0.00	49.34 -0.65 0.00	48.07 -0.73 0.00	43.45 -0.75 0.00	41.82 -0.77 0.00	40.40 -0.82 0.00	40.25 -0.70 0.00	40.76 -0.70 0.00	47.79 -0.73 0.00	53.57 -0.82 0.00	59.22 -0.78 0.00	54.79 -0.72 0.00	45.01 -0.59 0.00	40.10 -0.45 0.00	39.69 -0.40 0.00
ELEC_TRO_TEK 24086	40.49 2.07 0.00	39.11 2.11 0.00	37.42 2.05 0.00	36.62 2.07 0.00	38.40 2.17 0.00	50.84 2.48 -6.96	55.34 3.43 0.00	63.16 4.19 0.00	58.09 3.85 0.00	53.85 3.71 0.00	53.94 3.95 0.00	53.70 4.05 -0.85	51.32 3.76 -3.36	51.33 3.66 -5.09	45.01 3.46 -0.32	44.19 3.24 0.00	51.26 3.32 -6.48	52.11 3.59 0.00	58.25 3.86 0.00	64.38 4.38 0.00	59.46 3.94 0.00	50.37 3.42 -1.34	47.94 2.84 -4.56	43.18 2.57 -0.53

ELLENBURG_WT_PWR 323604	38.38 -0.04 0.00	36.82 -0.18 0.00	34.95 -0.42 0.00	34.00 -0.55 0.00	35.54 -0.69 0.00	40.37 -1.03 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.50 -1.74 0.00	48.53 -1.61 0.00	48.59 -1.40 0.00	47.34 -1.46 0.00	42.96 -1.24 0.00	41.56 -1.02 0.00	40.49 -0.74 0.00	40.38 -0.57 0.00	41.13 -0.33 0.00	48.28 -0.24 0.00	54.07 -0.32 0.00	58.92 -1.08 0.00	54.68 -0.83 0.00	44.47 -1.14 0.00	39.16 -1.38 0.00	38.76 -1.32 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.50 -2.92 0.00	34.01 -3.00 0.00	32.51 -2.87 0.00	31.72 -2.83 0.00	33.54 -2.68 0.00	38.75 -2.65 0.00	47.76 -4.15 0.00	53.54 -5.43 0.00	49.51 -4.72 0.01	38.54 -4.16 7.44	39.50 -4.20 6.30	37.30 -4.29 7.21	33.54 -4.07 6.60	32.21 -4.00 6.37	31.14 -3.83 6.26	31.14 -3.64 6.17	33.41 -4.10 3.95	37.65 -4.66 6.21	46.13 -5.60 2.65	54.33 -5.64 0.03	49.99 -5.50 0.03	41.06 -4.51 0.03	37.06 -3.49 0.00	37.04 -3.05 0.00
EMPIRE_CC_1 323656	39.46 1.04 0.00	38.04 1.03 0.00	36.40 1.03 0.00	35.55 1.00 0.00	37.24 1.01 0.00	42.52 1.12 0.00	53.31 1.40 0.00	60.74 1.77 0.00	55.97 1.74 0.00	51.64 1.50 0.00	51.49 1.50 0.00	50.41 1.61 0.00	45.75 1.55 0.00	44.07 1.49 0.00	42.59 1.36 0.00	42.30 1.35 0.00	42.75 1.29 0.00	49.88 1.36 0.00	56.08 1.69 0.00	61.74 1.74 0.00	57.18 1.66 0.00	47.02 1.42 0.00	41.84 1.30 0.00	41.45 1.36 0.00
EMPIRE_CC_2 323658	39.46 1.04 0.00	38.04 1.03 0.00	36.40 1.03 0.00	35.55 1.00 0.00	37.24 1.01 0.00	42.52 1.12 0.00	53.31 1.40 0.00	60.74 1.77 0.00	55.97 1.74 0.00	51.64 1.50 0.00	51.49 1.50 0.00	50.41 1.61 0.00	45.75 1.55 0.00	44.07 1.49 0.00	42.59 1.36 0.00	42.30 1.35 0.00	42.75 1.29 0.00	49.88 1.36 0.00	56.08 1.69 0.00	61.74 1.74 0.00	57.18 1.66 0.00	47.02 1.42 0.00	41.84 1.30 0.00	41.45 1.36 0.00
ENORWICH_115KV_TB1 80156	40.46 2.04 0.00	38.78 1.78 0.00	36.86 1.49 0.00	36.04 1.49 0.00	37.82 1.59 0.00	43.31 1.90 0.00	54.71 2.80 0.00	62.57 3.60 0.00	57.11 2.87 0.00	58.69 2.36 -6.19	57.08 2.10 -4.98	56.22 1.71 -5.71	50.79 1.37 -5.22	48.78 1.15 -5.04	47.30 1.11 -4.96	47.06 1.23 -4.88	43.86 1.37 -1.03	55.18 2.23 -4.43	59.68 3.10 -2.19	63.90 3.90 -0.01	58.91 3.39 -0.01	48.15 2.55 0.00	42.53 1.99 0.00	41.97 1.88 0.00
ERIE_ST__34_KV_TB1-2 80199	35.85 -2.57 0.00	34.38 -2.63 0.00	32.86 -2.51 0.00	32.03 -2.52 0.00	33.94 -2.28 0.00	39.17 -2.24 0.00	48.48 -3.43 0.00	54.37 -4.60 0.00	50.22 -4.01 0.01	38.92 -4.21 7.01	39.81 -4.25 5.93	38.00 -4.00 6.79	34.36 -3.62 6.22	33.00 -3.58 6.01	32.15 -3.17 5.90	31.99 -3.15 5.81	33.72 -4.39 3.35	37.85 -4.95 5.72	46.18 -5.71 2.49	55.00 -4.98 0.02	49.83 -5.66 0.02	41.38 -4.20 0.03	37.50 -3.04 0.00	37.56 -2.53 0.00
ERIE_WT_PWR 323693	35.65 -2.77 0.00	34.19 -2.81 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.92 -2.48 0.00	48.07 -3.84 0.00	53.84 -5.13 0.00	49.78 -4.45 0.01	38.86 -4.11 7.17	39.78 -4.15 6.07	37.70 -4.15 6.95	34.00 -3.85 6.36	32.61 -3.83 6.14	31.48 -3.71 6.04	31.53 -3.48 5.94	33.78 -4.11 3.57	37.96 -4.66 5.90	46.29 -5.55 2.55	54.58 -5.40 0.02	50.00 -5.50 0.02	41.19 -4.38 0.03	36.97 -3.57 0.00	37.24 -2.85 0.00
ESPRGFLD_115KV_TB1 80157	40.11 1.69 0.00	38.59 1.59 0.00	36.86 1.49 0.00	36.04 1.49 0.00	37.75 1.52 0.00	43.35 1.95 0.00	54.66 2.75 0.00	62.33 3.36 0.00	57.11 2.87 0.00	52.55 2.41 0.00	52.19 2.20 0.00	50.70 1.90 0.00	45.92 1.72 0.00	44.16 1.58 0.00	42.71 1.48 0.00	42.51 1.56 0.00	43.16 1.70 0.00	50.80 2.28 0.00	57.22 2.83 0.00	63.36 3.36 0.00	58.57 3.05 0.00	47.98 2.37 0.00	42.49 1.95 0.00	41.93 1.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.73 0.31 0.00	37.26 0.26 0.00	35.58 0.21 0.00	34.79 0.24 0.00	36.52 0.29 0.00	41.86 0.46 0.00	52.58 0.67 0.00	59.74 0.77 0.00	55.00 0.76 0.00	64.22 0.50 -13.58	61.49 0.30 -11.20	61.72 0.10 -12.82	55.89 -0.04 -11.73	53.83 -0.09 -11.33	52.26 -0.12 -11.15	51.91 0.00 -10.96	43.17 -0.04 -1.75	58.84 0.24 -10.08	59.93 0.49 -5.05	60.79 0.78 -0.01	56.19 0.67 -0.01	46.10 0.50 0.00	40.95 0.41 0.00	40.53 0.44 0.00
ETNA____115KV_TB2 80207	38.73 0.31 0.00	37.26 0.26 0.00	35.58 0.21 0.00	34.79 0.24 0.00	36.52 0.29 0.00	41.86 0.46 0.00	52.58 0.67 0.00	59.74 0.77 0.00	55.00 0.76 0.00	64.22 0.50 -13.58	61.49 0.30 -11.20	61.72 0.10 -12.82	55.89 -0.04 -11.73	53.83 -0.09 -11.33	52.26 -0.12 -11.15	51.91 0.00 -10.96	43.17 -0.04 -1.75	58.84 0.24 -10.08	59.93 0.49 -5.05	60.79 0.78 -0.01	56.19 0.67 -0.01	46.10 0.50 0.00	40.95 0.41 0.00	40.53 0.44 0.00
EUCLID____115KV_TB2 356179	37.73 -0.69 0.00	36.30 -0.70 0.00	34.74 -0.64 0.00	33.93 -0.62 0.00	35.61 -0.62 0.00	40.74 -0.66 0.00	51.03 -0.88 0.00	57.91 -1.06 0.00	53.31 -0.92 0.00	49.34 -0.80 0.00	49.14 -0.85 0.00	47.87 -0.93 0.00	43.27 -0.93 0.00	41.65 -0.94 0.00	40.28 -0.95 0.00	40.09 -0.86 0.00	40.59 -0.87 0.00	47.60 -0.92 0.00	53.36 -1.03 0.00	58.92 -1.08 0.00	54.57 -0.94 0.00	44.88 -0.73 0.00	39.93 -0.61 0.00	39.53 -0.56 0.00
E_CANADA_CAP_HY 24051	40.53 2.11 0.00	38.96 1.96 0.00	37.28 1.91 0.00	36.45 1.90 0.00	38.11 1.88 0.00	43.80 2.40 0.00	55.28 3.37 0.00	62.92 3.95 0.00	57.66 3.42 0.00	52.85 2.71 0.00	52.34 2.35 0.00	50.80 2.00 0.00	46.10 1.90 0.00	44.37 1.79 0.00	42.79 1.57 0.00	42.75 1.80 0.00	43.49 2.03 0.00	51.23 2.72 0.00	57.98 3.59 0.00	64.20 4.20 0.00	59.57 4.05 0.00	48.66 3.06 0.00	43.10 2.56 0.00	42.57 2.49 0.00
E_CANADA_MHWK_HY 24050	37.65 -0.77 0.00	36.11 -0.89 0.00	34.49 -0.88 0.00	33.72 -0.83 0.00	35.39 -0.83 0.00	40.45 -0.95 0.00	50.82 -1.09 0.00	57.91 -1.06 0.00	53.26 -0.97 0.00	49.29 -0.85 0.00	49.29 -0.70 0.00	48.22 -0.58 0.00	43.72 -0.49 0.00	42.20 -0.38 0.00	40.90 -0.33 0.00	40.71 -0.24 0.00	41.17 -0.29 0.00	48.08 -0.44 0.00	53.90 -0.49 0.00	59.40 -0.60 0.00	54.79 -0.72 0.00	45.01 -0.59 0.00	39.94 -0.61 0.00	39.40 -0.68 0.00
E_FISHKILL____LBMP 23776	39.84 1.42 0.00	38.45 1.44 0.00	36.79 1.41 0.00	35.93 1.38 0.00	37.67 1.45 0.00	43.06 1.66 0.00	54.35 2.44 0.00	62.15 3.18 0.00	57.17 2.93 0.00	52.85 2.71 0.00	52.74 2.75 0.00	51.63 2.83 0.00	46.85 2.65 0.00	45.14 2.56 0.00	43.66 2.43 0.00	43.20 2.25 0.00	43.74 2.28 0.00	51.04 2.52 0.00	57.22 2.83 0.00	63.12 3.12 0.00	58.40 2.89 0.00	47.98 2.37 0.00	42.49 1.95 0.00	41.85 1.76 0.00
FALCON____SEABRD_CC1 323796	38.69 0.27 0.00	36.97 -0.04 0.00	34.98 -0.39 0.00	33.96 -0.59 0.00	35.46 -0.76 0.00	40.12 -1.28 0.00	49.94 -1.97 0.00	56.55 -2.42 0.00	52.07 -2.17 0.00	48.18 -1.96 0.00	48.24 -1.75 0.00	47.09 -1.71 0.00	42.83 -1.37 0.00	41.52 -1.06 0.00	40.53 -0.70 0.00	40.54 -0.41 0.00	41.38 -0.08 0.00	48.71 0.19 0.00	54.55 0.16 0.00	58.80 -1.20 0.00	54.96 -0.56 0.00	44.51 -1.09 0.00	38.96 -1.58 0.00	38.56 -1.52 0.00

FALCON___SEABRD_CC2 323797	38.69 0.27 0.00	36.97 -0.04 0.00	34.98 -0.39 0.00	33.96 -0.59 0.00	35.46 -0.76 0.00	40.12 -1.28 0.00	49.94 -1.97 0.00	56.55 -2.42 0.00	52.07 -2.17 0.00	48.18 -1.96 0.00	48.24 -1.75 0.00	47.09 -1.71 0.00	42.83 -1.37 0.00	41.52 -1.06 0.00	40.53 -0.70 0.00	40.54 -0.41 0.00	41.38 -0.08 0.00	48.71 0.19 0.00	54.55 0.16 0.00	58.80 -1.20 0.00	54.96 -0.56 0.00	44.51 -1.09 0.00	38.96 -1.58 0.00	38.56 -1.52 0.00
FAR ROCKAWAY___4 23548	40.96 2.54 0.00	39.52 2.52 0.00	37.81 2.44 0.00	36.97 2.42 0.00	38.76 2.54 0.00	51.30 2.94 -6.96	55.96 4.05 0.00	63.92 4.95 0.00	58.85 4.61 0.00	54.55 4.41 0.00	54.69 4.70 0.00	54.44 4.78 -0.85	51.94 4.38 -3.36	51.89 4.22 -5.09	45.54 4.00 -0.32	44.68 3.73 0.00	51.75 3.81 -6.48	52.74 4.22 0.00	59.01 4.62 0.00	65.22 5.22 0.00	60.18 4.66 0.00	50.96 4.01 -1.34	48.42 3.32 -4.56	43.66 3.05 -0.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.46 3.66 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.98 3.59 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.98 2.43 0.00	42.21 2.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.04 1.81 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.41 3.61 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.98 3.59 0.00	63.90 3.90 0.00	59.18 3.66 0.00	48.62 3.01 0.00	42.98 2.43 0.00	42.21 2.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.11 1.69 0.00	38.74 1.74 0.00	37.11 1.73 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.41 3.61 0.00	47.56 3.36 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.36 2.90 0.00	51.82 3.30 0.00	57.93 3.54 0.00	63.84 3.84 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.17 2.08 0.00
FARRAGUT___LBMP 323566	40.11 1.69 0.00	38.74 1.74 0.00	37.11 1.73 0.00	36.24 1.69 0.00	38.00 1.78 0.00	43.39 1.99 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.92 3.69 0.00	53.60 3.46 0.00	53.49 3.50 0.00	52.36 3.56 0.00	47.52 3.32 0.00	45.82 3.24 0.00	44.32 3.09 0.00	43.78 2.83 0.00	44.36 2.90 0.00	51.77 3.25 0.00	57.87 3.48 0.00	63.78 3.78 0.00	59.07 3.55 0.00	48.52 2.92 0.00	42.89 2.35 0.00	42.17 2.08 0.00
FENNER___WINDPWR 24204	38.88 0.46 0.00	37.41 0.41 0.00	35.76 0.39 0.00	34.97 0.42 0.00	36.66 0.44 0.00	41.94 0.54 0.00	52.74 0.83 0.00	60.03 1.06 0.00	55.10 0.87 0.00	53.09 0.70 -2.25	52.45 0.60 -1.85	51.36 0.44 -2.12	46.45 0.31 -1.94	44.71 0.26 -1.87	43.37 0.29 -1.85	43.09 0.33 -1.81	41.75 0.29 0.00	50.68 0.58 -1.57	55.99 0.76 -0.84	61.02 1.02 0.00	56.40 0.89 0.00	46.29 0.69 0.00	41.07 0.53 0.00	40.57 0.48 0.00
FIBERTEK___ENERGY 23856	38.11 -0.31 0.00	36.71 -0.30 0.00	35.12 -0.25 0.00	34.31 -0.24 0.00	36.01 -0.22 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.69 -0.30 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.07 -0.51 0.00	40.69 -0.54 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.34 -0.20 0.00	39.89 -0.20 0.00
FITZPATRICK____ 23598	37.30 -1.12 0.00	35.93 -1.07 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.35 -1.56 0.00	57.03 -1.94 0.00	52.50 -1.74 0.00	48.58 -1.55 0.00	48.39 -1.60 0.00	47.19 -1.61 0.00	42.70 -1.50 0.00	41.09 -1.49 0.00	39.83 -1.40 0.00	39.56 -1.39 0.00	40.05 -1.41 0.00	46.92 -1.60 0.00	52.60 -1.79 0.00	58.02 -1.98 0.00	53.68 -1.83 0.00	44.14 -1.46 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
FLOWRFLD_69_KV_BK1 356044	41.15 2.73 0.00	39.89 2.89 0.00	38.17 2.79 0.00	37.38 2.83 0.00	39.23 3.01 0.00	51.84 3.48 -6.96	56.22 4.31 0.00	63.57 4.60 0.00	58.41 4.18 0.00	54.15 4.01 0.00	54.44 4.45 0.00	54.29 4.64 -0.85	51.85 4.29 -3.36	51.84 4.17 -5.09	45.54 4.00 -0.32	44.68 3.73 0.00	51.84 3.90 -6.48	52.69 4.17 0.00	58.85 4.46 0.00	65.34 5.34 0.00	60.07 4.55 0.00	51.10 4.15 -1.34	48.75 3.65 -4.56	44.06 3.45 -0.53
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.11 1.69 0.00	38.71 1.70 0.00	37.00 1.63 0.00	36.17 1.62 0.00	37.89 1.67 0.00	43.35 1.95 0.00	54.76 2.86 0.00	62.80 3.83 0.00	57.76 3.53 0.00	53.40 3.26 0.00	53.34 3.35 0.00	52.17 3.37 0.00	47.34 3.14 0.00	45.56 2.98 0.00	44.03 2.80 0.00	43.49 2.54 0.00	44.11 2.65 0.00	51.53 3.01 0.00	57.87 3.48 0.00	63.96 3.96 0.00	59.01 3.50 0.00	48.34 2.74 0.00	42.85 2.31 0.00	42.21 2.12 0.00
FORT ORANGE____ 23900	39.34 0.92 0.00	37.89 0.89 0.00	36.29 0.92 0.00	35.45 0.90 0.00	37.09 0.87 0.00	42.44 1.04 0.00	53.36 1.45 0.00	60.91 1.94 0.00	56.02 1.79 0.00	51.70 1.56 0.00	51.49 1.50 0.00	50.36 1.56 0.00	45.66 1.46 0.00	43.99 1.40 0.00	42.51 1.28 0.00	42.22 1.27 0.00	42.75 1.29 0.00	49.93 1.41 0.00	56.13 1.74 0.00	61.97 1.98 0.00	57.34 1.83 0.00	47.06 1.46 0.00	41.84 1.30 0.00	41.33 1.24 0.00
FORT_DRUM_COGEN 23780	38.69 0.27 0.00	37.15 0.15 0.00	35.44 0.07 0.00	34.69 0.14 0.00	36.37 0.14 0.00	41.57 0.17 0.00	52.69 0.78 0.00	60.44 1.47 0.00	55.05 0.81 0.00	50.49 0.35 0.00	50.14 0.15 0.00	48.65 -0.15 0.00	43.85 -0.35 0.00	42.03 -0.55 0.00	40.90 -0.33 0.00	40.75 -0.20 0.00	41.05 -0.41 0.00	48.62 0.10 0.00	55.04 0.65 0.00	61.20 1.20 0.00	56.57 1.05 0.00	46.34 0.73 0.00	40.83 0.28 0.00	40.17 0.08 0.00
FOX_HILLS___ESR 323835	54.11 2.15 -13.54	53.45 2.18 -14.26	53.48 2.16 -15.95	44.02 2.11 -7.36	38.41 2.17 -0.01	53.45 2.44 -9.61	55.34 3.43 -0.01	63.40 4.42 -0.01	58.94 4.01 -0.69	81.96 3.81 -28.01	61.84 3.75 -8.10	63.77 3.86 -11.11	89.04 3.58 -41.26	69.76 3.45 -23.73	71.31 3.30 -26.78	65.54 3.03 -21.56	73.58 3.15 -28.97	97.34 3.54 -45.27	97.42 3.97 -39.06	97.33 4.32 -33.01	97.41 4.05 -37.84	60.21 3.33 -11.28	55.47 2.68 -12.25	54.88 2.57 -12.23
FPL FAR_ROCK_GT1 24212	40.96 2.54 -0.01	39.49 2.48 -0.01	37.82 2.44 -0.01	37.01 2.45 -0.01	38.77 2.53 -0.01	51.31 2.94 -6.96	55.91 4.00 0.00	63.92 4.95 0.00	58.84 4.61 0.00	54.55 4.41 0.00	54.65 4.65 -0.01	54.45 4.79 -0.86	51.95 4.38 -3.37	51.90 4.22 -5.10	45.39 3.83 -0.33	44.68 3.73 -0.01	51.76 3.81 -6.49	52.80 4.27 -0.01	59.01 4.62 0.00	65.16 5.16 0.00	60.18 4.66 0.00	50.97 4.01 -1.35	48.47 3.36 -4.56	43.67 3.05 -0.54

FPL FAR_ROCK_GT2 23815	40.96 2.54 -0.01	39.49 2.48 -0.01	37.82 2.44 -0.01	37.01 2.45 -0.01	38.77 2.53 -0.01	51.31 2.94 -6.96	55.91 4.00 0.00	63.92 4.95 0.00	58.84 4.61 0.00	54.55 4.41 0.00	54.65 4.65 -0.01	54.45 4.79 -0.86	51.95 4.38 -3.37	51.90 4.22 -5.10	45.39 3.83 -0.33	44.68 3.73 -0.01	51.76 3.81 -6.49	52.80 4.27 -0.01	59.01 4.62 0.00	65.16 5.16 0.00	60.18 4.66 0.00	50.97 4.01 -1.35	48.47 3.36 -4.56	43.67 3.05 -0.54
FRANKLIN_FALL_HYD 24054	38.61 0.19 0.00	37.08 0.07 0.00	35.23 -0.14 0.00	34.31 -0.24 0.00	35.94 -0.29 0.00	40.82 -0.58 0.00	51.13 -0.78 0.00	58.03 -0.94 0.00	53.31 -0.92 0.00	49.19 -0.95 0.00	49.14 -0.85 0.00	47.87 -0.93 0.00	43.41 -0.80 0.00	41.94 -0.64 0.00	40.82 -0.41 0.00	40.62 -0.33 0.00	41.34 -0.12 0.00	48.57 0.05 0.00	54.39 0.00 0.00	59.58 -0.42 0.00	55.24 -0.28 0.00	45.06 -0.55 0.00	39.69 -0.85 0.00	39.24 -0.84 0.00
FREEPORT_EQUS_GT1 23764	40.77 2.34 -0.01	39.34 2.33 -0.01	37.68 2.30 -0.01	36.91 2.35 -0.01	38.66 2.43 -0.01	51.18 2.82 -6.96	55.60 3.69 0.00	63.45 4.48 0.00	58.36 4.12 0.00	54.10 3.96 0.00	54.25 4.25 -0.01	54.06 4.39 -0.86	51.63 4.06 -3.37	51.64 3.96 -5.10	45.18 3.63 -0.33	44.48 3.52 -0.01	51.60 3.65 -6.49	52.55 4.02 -0.01	58.63 4.25 0.00	64.80 4.80 0.00	59.79 4.27 0.00	50.74 3.78 -1.35	48.31 3.20 -4.56	43.51 2.89 -0.54
FREEPORT___CT2 23818	40.77 2.34 -0.01	39.34 2.33 -0.01	37.68 2.30 -0.01	36.91 2.35 -0.01	38.66 2.43 -0.01	51.18 2.82 -6.96	55.60 3.69 0.00	63.45 4.48 0.00	58.36 4.12 0.00	54.10 3.96 0.00	54.25 4.25 -0.01	54.06 4.39 -0.86	51.63 4.06 -3.37	51.64 3.96 -5.10	45.18 3.63 -0.33	44.48 3.52 -0.01	51.60 3.65 -6.49	52.55 4.02 -0.01	58.63 4.25 0.00	64.80 4.80 0.00	59.79 4.27 0.00	50.74 3.78 -1.35	48.31 3.20 -4.56	43.51 2.89 -0.54
FRESHKLS_33_KV_LOAD 356253	54.15 2.19 -13.54	53.48 2.22 -14.26	53.48 2.16 -15.95	44.02 2.11 -7.36	38.41 2.17 -0.01	53.45 2.44 -9.61	55.19 3.27 -0.01	63.22 4.25 -0.01	58.64 3.80 -0.61	60.63 3.61 -6.88	58.88 3.60 -5.29	58.87 3.66 -6.41	58.86 3.40 -11.26	58.52 3.28 -12.66	58.54 3.17 -14.14	58.31 2.87 -14.49	58.36 2.99 -13.91	59.29 3.40 -7.38	60.67 3.81 -2.47	97.21 4.20 -33.01	73.53 3.94 -14.07	58.87 3.24 -10.02	54.02 2.59 -10.89	54.84 2.53 -12.23
FULTON COGEN____ 23766	37.57 -0.85 0.00	36.19 -0.81 0.00	34.63 -0.74 0.00	33.83 -0.73 0.00	35.50 -0.72 0.00	40.62 -0.79 0.00	50.87 -1.04 0.00	57.73 -1.24 0.00	53.15 -1.08 0.00	49.14 -1.00 0.00	48.89 -1.10 0.00	47.63 -1.17 0.00	43.05 -1.15 0.00	41.43 -1.15 0.00	40.03 -1.20 0.00	39.89 -1.06 0.00	40.38 -1.08 0.00	47.35 -1.16 0.00	53.08 -1.31 0.00	58.68 -1.32 0.00	54.29 -1.22 0.00	44.65 -0.96 0.00	39.73 -0.81 0.00	39.33 -0.76 0.00
FULTON___LFGE 323630	40.69 2.27 0.00	39.07 2.07 0.00	37.42 2.05 0.00	36.59 2.04 0.00	38.22 1.99 0.00	43.97 2.57 0.00	55.44 3.53 0.00	63.22 4.25 0.00	57.98 3.74 0.00	53.20 3.06 0.00	52.69 2.70 0.00	51.24 2.44 0.00	46.45 2.25 0.00	44.71 2.13 0.00	43.17 1.94 0.00	43.04 2.09 0.00	43.74 2.28 0.00	51.43 2.91 0.00	58.20 3.81 0.00	64.38 4.38 0.00	59.79 4.27 0.00	48.84 3.24 0.00	43.30 2.76 0.00	42.77 2.69 0.00
G.F.CEMENT___DRP 24184	40.53 2.11 0.00	39.00 2.00 0.00	37.35 1.98 0.00	36.49 1.93 0.00	38.11 1.88 0.00	43.80 2.40 0.00	54.19 2.28 0.00	61.98 3.01 0.00	57.22 2.98 0.00	52.85 2.71 0.00	52.49 2.50 0.00	51.34 2.54 0.00	46.50 2.30 0.00	44.71 2.13 0.00	43.21 1.98 0.00	42.88 1.92 0.00	43.33 1.87 0.00	50.56 2.04 0.00	57.00 2.61 0.00	62.94 2.94 0.00	58.46 2.94 0.00	47.84 2.23 0.00	43.18 2.64 0.00	42.73 2.65 0.00
GARDENVILLE___LBMP 24039	35.58 -2.84 0.00	34.08 -2.92 0.00	32.58 -2.79 0.00	31.79 -2.76 0.00	33.62 -2.61 0.00	38.83 -2.57 0.00	47.91 -4.00 0.00	53.72 -5.25 0.00	49.67 -4.56 0.01	38.68 -4.16 7.30	39.62 -4.20 6.18	37.53 -4.20 7.07	33.75 -3.98 6.47	32.42 -3.92 6.25	31.34 -3.75 6.14	31.34 -3.56 6.05	33.57 -4.15 3.75	37.76 -4.71 6.05	46.19 -5.60 2.60	54.45 -5.52 0.02	50.00 -5.50 0.02	41.15 -4.42 0.03	37.14 -3.41 0.00	37.16 -2.93 0.00
GARDNVLA_35_KV_LD 355827	35.77 -2.65 0.00	34.27 -2.74 0.00	32.75 -2.62 0.00	31.92 -2.63 0.00	33.80 -2.43 0.00	39.04 -2.36 0.00	48.17 -3.74 0.00	54.02 -4.95 0.00	49.94 -4.28 0.01	39.12 -3.91 7.11	40.03 -3.95 6.01	38.01 -3.90 6.88	34.23 -3.67 6.30	32.84 -3.66 6.09	31.78 -3.46 5.98	31.75 -3.32 5.89	34.00 -3.98 3.48	38.23 -4.46 5.83	46.48 -5.38 2.53	54.82 -5.16 0.02	50.22 -5.27 0.02	41.33 -4.24 0.03	37.38 -3.16 0.00	37.40 -2.69 0.00
GELCKHM__115KV_LOAD 80723	37.84 -0.58 0.00	36.45 -0.56 0.00	34.88 -0.50 0.00	34.07 -0.48 0.00	35.75 -0.47 0.00	40.90 -0.50 0.00	51.23 -0.67 0.00	58.14 -0.83 0.00	53.53 -0.71 0.00	49.54 -0.60 0.00	49.34 -0.65 0.00	48.07 -0.73 0.00	43.45 -0.75 0.00	41.82 -0.77 0.00	40.44 -0.78 0.00	40.25 -0.70 0.00	40.76 -0.70 0.00	47.79 -0.73 0.00	53.57 -0.82 0.00	59.16 -0.84 0.00	54.79 -0.72 0.00	45.01 -0.59 0.00	40.10 -0.45 0.00	39.65 -0.44 0.00
GENERAL___MILLS 23808	35.65 -2.77 0.00	34.15 -2.85 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.96 -2.44 0.00	48.07 -3.84 0.00	53.90 -5.07 0.00	49.78 -4.45 0.01	38.91 -4.06 7.17	39.83 -4.10 6.07	37.75 -4.10 6.95	34.00 -3.85 6.36	32.61 -3.83 6.14	31.61 -3.59 6.04	31.53 -3.48 5.94	33.78 -4.10 3.57	37.96 -4.66 5.90	46.29 -5.55 2.55	54.64 -5.34 0.02	50.05 -5.44 0.02	41.19 -4.38 0.03	37.26 -3.28 0.00	37.28 -2.81 0.00
GE_PLASTICS___DRP 24183	39.23 0.81 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.35 0.79 0.00	37.02 0.80 0.00	42.31 0.91 0.00	53.16 1.25 0.00	60.62 1.65 0.00	55.81 1.57 0.00	51.54 1.40 0.00	51.39 1.40 0.00	50.26 1.46 0.00	45.57 1.37 0.00	43.90 1.32 0.00	42.46 1.24 0.00	42.10 1.15 0.00	42.62 1.16 0.00	49.78 1.26 0.00	55.86 1.47 0.00	61.62 1.62 0.00	57.07 1.55 0.00	46.88 1.28 0.00	41.60 1.05 0.00	41.17 1.08 0.00
GILBOA___1 23756	39.19 0.77 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.31 0.76 0.00	37.02 0.80 0.00	42.35 0.95 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.64 1.41 0.00	51.54 1.40 0.00	51.39 1.40 0.00	50.22 1.42 0.00	45.53 1.32 0.00	43.86 1.28 0.00	42.38 1.15 0.00	42.10 1.14 0.00	42.58 1.12 0.00	49.78 1.26 0.00	55.75 1.36 0.00	61.50 1.50 0.00	56.90 1.39 0.00	46.84 1.23 0.00	41.64 1.10 0.00	41.13 1.04 0.00
GILBOA___2 23757	39.19 0.77 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.31 0.76 0.00	37.02 0.80 0.00	42.35 0.95 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.64 1.41 0.00	51.54 1.40 0.00	51.39 1.40 0.00	50.22 1.42 0.00	45.53 1.32 0.00	43.86 1.28 0.00	42.38 1.15 0.00	42.10 1.14 0.00	42.58 1.12 0.00	49.78 1.26 0.00	55.75 1.36 0.00	61.50 1.50 0.00	56.90 1.39 0.00	46.84 1.23 0.00	41.64 1.10 0.00	41.13 1.04 0.00

GILBOA___3 23758	39.19 0.77 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.31 0.76 0.00	37.02 0.80 0.00	42.35 0.95 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.64 1.41 0.00	51.54 1.40 0.00	51.39 1.40 0.00	50.22 1.42 0.00	45.53 1.32 0.00	43.86 1.28 0.00	42.38 1.15 0.00	42.10 1.14 0.00	42.58 1.12 0.00	49.78 1.26 0.00	55.75 1.36 0.00	61.50 1.50 0.00	56.90 1.39 0.00	46.84 1.23 0.00	41.64 1.10 0.00	41.13 1.04 0.00
GILBOA___4 23759	39.19 0.77 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.31 0.76 0.00	37.02 0.80 0.00	42.35 0.95 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.64 1.41 0.00	51.54 1.40 0.00	51.39 1.40 0.00	50.22 1.42 0.00	45.53 1.32 0.00	43.86 1.28 0.00	42.38 1.15 0.00	42.10 1.14 0.00	42.58 1.12 0.00	49.78 1.26 0.00	55.75 1.36 0.00	61.50 1.50 0.00	56.90 1.39 0.00	46.84 1.23 0.00	41.64 1.10 0.00	41.13 1.04 0.00
GILBOA___ 23599	39.19 0.77 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.31 0.76 0.00	37.02 0.80 0.00	42.35 0.95 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.65 1.41 0.00	51.54 1.40 0.00	51.39 1.40 0.00	50.22 1.42 0.00	45.53 1.33 0.00	43.86 1.28 0.00	42.46 1.24 0.00	42.10 1.15 0.00	42.58 1.12 0.00	49.78 1.26 0.00	55.75 1.36 0.00	61.50 1.50 0.00	56.90 1.39 0.00	46.84 1.23 0.00	41.64 1.09 0.00	41.13 1.04 0.00
GINNA___ 23603	35.27 -3.15 0.00	33.82 -3.18 0.00	32.33 -3.04 0.00	31.58 -2.97 0.00	33.26 -2.97 0.00	38.25 -3.15 0.00	47.71 -4.20 0.00	54.25 -4.72 0.00	50.11 -4.12 0.00	44.88 -3.46 1.80	45.08 -3.40 1.52	43.40 -3.66 1.74	39.03 -3.58 1.59	37.52 -3.53 1.53	36.56 -3.17 1.50	36.19 -3.28 1.48	38.31 -3.15 0.00	43.90 -3.49 1.13	49.65 -4.14 0.60	55.38 -4.62 0.00	51.57 -3.94 0.00	42.06 -3.56 -0.01	37.38 -3.16 0.00	37.12 -2.97 0.00
GLEN PARK___ 23778	38.92 0.50 0.00	37.41 0.41 0.00	35.65 0.28 0.00	34.90 0.35 0.00	36.62 0.40 0.00	41.82 0.41 0.00	53.05 1.14 0.00	60.80 1.83 0.00	55.32 1.08 0.00	50.69 0.55 0.00	50.30 0.30 0.00	48.80 0.00 0.00	43.94 -0.26 0.00	42.12 -0.47 0.00	40.98 -0.25 0.00	40.83 -0.12 0.00	41.17 -0.29 0.00	48.81 0.29 0.00	55.37 0.98 0.00	61.56 1.56 0.00	56.96 1.44 0.00	46.61 1.00 0.00	41.03 0.49 0.00	40.41 0.32 0.00
GLENDALE_27_KV_LOAD 356172	40.46 2.04 -0.01	39.08 2.07 -0.01	37.43 2.05 -0.01	36.56 2.00 -0.01	38.33 2.10 -0.01	43.76 2.36 0.00	55.50 3.58 -0.01	63.58 4.60 -0.01	58.57 4.23 -0.11	58.55 3.96 -4.45	57.00 4.00 -3.01	57.80 4.05 -4.94	57.78 3.76 -9.82	57.73 3.62 -11.53	57.85 3.46 -13.16	51.79 3.24 -7.61	56.21 3.28 -11.48	58.77 3.74 -6.52	64.09 4.08 -5.62	64.44 4.44 0.00	59.62 4.11 0.00	50.61 3.37 -1.63	45.07 2.76 -1.77	42.58 2.49 -0.01
GLENWOOD_IC_1_G5 23712	40.72 2.31 0.00	39.33 2.33 0.00	37.64 2.26 0.00	36.80 2.25 0.00	38.62 2.39 0.00	51.09 2.73 -6.96	55.60 3.69 0.00	63.51 4.54 0.00	58.41 4.18 0.00	54.15 4.01 0.00	54.34 4.35 0.00	54.14 4.49 -0.85	51.71 4.15 -3.36	51.67 4.00 -5.09	45.38 3.83 -0.32	44.47 3.52 0.00	51.59 3.65 -6.48	52.45 3.93 0.00	58.63 4.24 0.00	64.80 4.80 0.00	59.73 4.22 0.00	50.69 3.74 -1.34	48.18 3.08 -4.56	43.42 2.81 -0.53
GLENWOOD_IC_2_G1 23688	40.62 2.19 -0.01	39.19 2.18 -0.01	37.57 2.19 -0.01	36.74 2.18 -0.01	38.52 2.28 -0.01	50.98 2.61 -6.96	55.44 3.53 0.00	63.33 4.36 0.00	58.25 4.01 0.00	54.00 3.86 -0.01	54.15 4.15 -0.86	53.91 4.24 -3.37	51.50 3.93 -5.10	51.51 3.83 -0.33	45.06 3.50 -0.01	44.32 3.36 -6.49	51.43 3.48 -0.01	52.36 3.83 0.00	58.47 4.08 0.00	64.56 4.56 0.00	59.62 4.11 0.00	50.56 3.60 -1.35	48.11 3.00 -4.56	43.35 2.73 -0.54
GLENWOOD_IC_3_G1 23689	40.62 2.19 -0.01	39.19 2.18 -0.01	37.57 2.19 -0.01	36.74 2.18 -0.01	38.52 2.28 -0.01	50.98 2.61 -6.96	55.44 3.53 0.00	63.33 4.36 0.00	58.25 4.01 0.00	54.00 3.86 -0.01	54.15 4.15 -0.86	53.91 4.24 -3.37	51.50 3.93 -5.10	51.51 3.83 -0.33	45.06 3.50 -0.01	44.32 3.36 -6.49	51.43 3.48 -0.01	52.36 3.83 0.00	58.47 4.08 0.00	64.56 4.56 0.00	59.62 4.11 0.00	50.56 3.60 -1.35	48.11 3.00 -4.56	43.35 2.73 -0.54
GLENWOOD___4 23550	40.72 2.31 0.00	39.33 2.33 0.00	37.64 2.26 0.00	36.80 2.25 0.00	38.62 2.39 0.00	51.09 2.73 -6.96	55.60 3.69 0.00	63.51 4.54 0.00	58.41 4.18 0.00	54.15 4.01 0.00	54.34 4.35 0.00	54.14 4.49 -0.85	51.71 4.15 -3.36	51.67 4.00 -5.09	45.38 3.83 -0.32	44.47 3.52 0.00	51.59 3.65 -6.48	52.45 3.93 0.00	58.63 4.24 0.00	64.80 4.80 0.00	59.73 4.22 0.00	50.69 3.74 -1.34	48.18 3.08 -4.56	43.42 2.81 -0.53
GLENWOOD___5 23614	40.72 2.31 0.00	39.33 2.33 0.00	37.64 2.26 0.00	36.80 2.25 0.00	38.62 2.39 0.00	51.09 2.73 -6.96	55.60 3.69 0.00	63.51 4.54 0.00	58.41 4.18 0.00	54.15 4.01 0.00	54.34 4.35 0.00	54.14 4.49 -0.85	51.71 4.15 -3.36	51.67 4.00 -5.09	45.38 3.83 -0.32	44.47 3.52 0.00	51.59 3.65 -6.48	52.45 3.93 0.00	58.63 4.24 0.00	64.80 4.80 0.00	59.73 4.22 0.00	50.69 3.74 -1.34	48.18 3.08 -4.56	43.42 2.81 -0.53
GLOBAL GREEN_PORT_GT1 23814	41.69 3.26 -0.01	40.56 3.55 -0.01	38.88 3.50 -0.01	38.01 3.45 -0.01	39.71 3.48 -0.01	52.30 3.94 -6.96	56.48 4.57 0.00	63.63 4.66 0.00	58.36 4.12 0.00	54.00 3.86 0.00	54.00 4.00 -0.01	53.71 4.05 -0.86	51.19 3.63 -3.37	51.09 3.41 -5.09	44.56 3.01 -0.33	43.87 2.91 -0.01	50.93 2.99 -6.49	51.87 3.35 -0.01	58.03 3.64 0.00	64.74 4.74 0.00	59.62 4.11 0.00	50.42 3.46 -1.35	48.23 3.12 -4.56	43.87 3.25 -0.54
GLOBE___DSASP 323697	34.62 -3.80 0.00	33.19 -3.81 0.00	31.73 -3.64 0.00	30.96 -3.59 0.00	32.75 -3.48 0.00	37.76 -3.64 0.00	46.30 -5.61 0.00	51.78 -7.19 0.00	47.94 -6.29 0.01	37.02 -5.21 7.90	38.11 -5.20 6.69	35.68 -5.47 7.66	31.98 -5.22 7.01	30.66 -5.15 6.77	29.52 -5.07 6.64	29.65 -4.75 6.55	32.16 -4.73 4.57	36.35 -5.43 6.74	44.93 -6.64 2.83	52.83 -7.14 0.03	48.99 -6.50 0.03	40.01 -5.56 0.04	36.04 -4.50 0.00	36.04 -4.05 0.00
GOETHSLN___LBMP 323567	39.88 1.46 0.00	38.52 1.52 0.00	36.89 1.52 0.00	36.07 1.52 0.00	37.78 1.56 0.00	43.14 1.74 0.00	54.71 2.80 0.00	62.69 3.72 0.00	57.60 3.36 0.00	53.30 3.16 0.00	53.24 3.25 0.00	52.12 3.32 0.00	47.30 3.09 0.00	45.61 3.02 0.00	44.11 2.89 0.00	43.57 2.62 0.00	44.16 2.69 0.00	51.48 2.96 0.00	57.54 3.15 0.00	63.42 3.42 0.00	58.73 3.22 0.00	48.30 2.69 0.00	42.69 2.15 0.00	41.93 1.84 0.00
GOLAH___69_KV_TB 1_2 80279	36.54 -1.88 0.00	35.04 -1.96 0.00	33.53 -1.84 0.00	32.72 -1.83 0.00	34.56 -1.67 0.00	39.83 -1.57 0.00	49.52 -2.39 0.00	55.79 -3.18 0.00	51.41 -2.82 0.00	44.63 -2.21 3.30	44.91 -2.30 2.79	42.88 -2.73 3.19	38.50 -2.78 2.92	37.04 -2.73 2.82	35.56 -2.84 2.82	35.72 -2.50 2.73	38.06 -2.32 1.08	43.55 -2.52 2.45	50.27 -2.99 1.13	56.81 -3.18 0.01	52.90 -2.61 0.01	43.10 -2.46 0.05	38.52 -2.03 0.00	38.32 -1.76 0.00

GOODYEAR_LAKE_HYD 323669	39.69 1.27 0.00	38.19 1.18 0.00	36.47 1.10 0.00	35.66 1.11 0.00	37.38 1.16 0.00	42.81 1.41 0.00	53.93 2.02 0.00	61.56 2.59 0.00	56.46 2.22 0.00	52.15 2.01 0.00	51.94 1.95 0.00	50.56 1.76 0.00	45.75 1.55 0.00	43.99 1.41 0.00	42.58 1.36 0.00	42.30 1.35 0.00	42.83 1.37 0.00	50.27 1.75 0.00	56.46 2.07 0.00	62.40 2.40 0.00	57.68 2.17 0.00	47.29 1.69 0.00	41.92 1.38 0.00	41.41 1.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.04 -0.38 0.00	36.60 -0.41 0.00	34.98 -0.39 0.00	34.17 -0.38 0.00	35.94 -0.29 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.56 -0.41 0.00	53.69 -0.54 0.00	49.49 -0.65 0.00	48.42 -0.75 0.82	47.03 -0.83 0.94	42.55 -0.80 0.86	40.95 -0.81 0.83	39.66 -0.74 0.83	39.41 -0.74 0.80	40.67 -0.79 0.00	46.57 -0.82 1.13	52.92 -0.87 0.60	59.40 -0.60 0.00	54.74 -0.78 0.00	45.05 -0.55 0.01	40.10 -0.45 0.00	39.81 -0.28 0.00
GOUDEY___7 23579	38.04 -0.38 0.00	36.60 -0.41 0.00	34.98 -0.39 0.00	34.17 -0.38 0.00	35.94 -0.29 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.56 -0.41 0.00	53.69 -0.54 0.00	49.49 -0.65 0.00	48.42 -0.75 0.82	47.03 -0.83 0.94	42.55 -0.80 0.86	40.95 -0.81 0.83	39.66 -0.74 0.83	39.41 -0.74 0.80	40.67 -0.79 0.00	46.57 -0.82 1.13	52.92 -0.87 0.60	59.40 -0.60 0.00	54.74 -0.78 0.00	45.05 -0.55 0.01	40.10 -0.45 0.00	39.81 -0.28 0.00
GOUDEY___8 23580	38.04 -0.38 0.00	36.60 -0.41 0.00	34.98 -0.39 0.00	34.17 -0.38 0.00	35.94 -0.29 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.56 -0.41 0.00	53.69 -0.54 0.00	49.49 -0.65 0.00	48.42 -0.75 0.82	47.03 -0.83 0.94	42.55 -0.80 0.86	40.95 -0.81 0.83	39.66 -0.74 0.83	39.41 -0.74 0.80	40.67 -0.79 0.00	46.57 -0.82 1.13	52.92 -0.87 0.60	59.40 -0.60 0.00	54.74 -0.78 0.00	45.05 -0.55 0.01	40.10 -0.45 0.00	39.81 -0.28 0.00
GOWANUS_GT1_1 24077	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT1_2 24078	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT1_3 24079	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT1_4 24080	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT1_5 24084	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT1_6 24111	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT1_7 24112	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT1_8 24113	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT2_1 24114	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
GOWANUS_GT2_2 24115	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
GOWANUS_GT2_3 24116	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23

GOWANUS_GT2_4 24117	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT2_5 24118	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT2_6 24119	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT2_7 24120	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT2_8 24121	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_1 24122	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_2 24123	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_3 24124	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_4 24125	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_5 24126	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_6 24127	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_7 24128	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT3_8 24129	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT4_1 24130	54.15	53.48	53.51	44.09	38.48	53.54	55.60	63.70	59.21	82.22	62.09	64.01	89.26	69.97	71.51	65.75	73.75	97.58	97.58	97.57	97.57	60.35	55.59	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.69	4.72	4.28	4.06	4.00	4.10	3.80	3.66	3.50	3.24	3.32	3.78	4.13	4.56	4.22	3.47	2.80	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
GOWANUS_GT4_2 24131	54.15	53.48	53.51	44.09	38.48	53.54	55.60	63.70	59.21	82.22	62.09	64.01	89.26	69.97	71.51	65.75	73.75	97.58	97.58	97.57	97.57	60.35	55.59	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.69	4.72	4.28	4.06	4.00	4.10	3.80	3.66	3.50	3.24	3.32	3.78	4.13	4.56	4.22	3.47	2.80	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23

GOWANUS_GT4_3 24132	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT4_4 24133	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT4_5 24134	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT4_6 24135	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT4_7 24136	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GOWANUS_GT4_8 24137	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GREENBSH_115KV_TB3 55895	39.19 0.77 0.00	37.74 0.74 0.00	36.11 0.74 0.00	35.31 0.76 0.00	36.95 0.72 0.00	42.27 0.87 0.00	53.10 1.19 0.00	60.56 1.59 0.00	55.81 1.57 0.00	51.54 1.40 0.00	51.34 1.35 0.00	50.26 1.46 0.00	45.57 1.37 0.00	43.90 1.32 0.00	42.51 1.28 0.00	42.14 1.19 0.00	42.62 1.16 0.00	49.73 1.21 0.00	55.86 1.47 0.00	61.62 1.62 0.00	57.07 1.55 0.00	46.84 1.23 0.00	41.60 1.05 0.00	41.13 1.04 0.00
GREENDGE_115KV_TB5 80291	37.54 -0.88 0.00	36.08 -0.93 0.00	34.45 -0.92 0.00	33.62 -0.93 0.00	35.39 -0.83 0.00	40.70 -0.70 0.00	51.18 -0.73 0.00	57.67 -1.30 0.00	53.60 -0.65 -0.02	48.30 -0.85 0.99	48.27 -1.05 0.67	46.70 -1.32 0.78	42.12 -1.37 0.71	40.50 -1.41 0.68	38.98 -1.40 0.85	39.02 -1.27 0.66	48.31 -1.45 -8.30	49.63 -1.36 -2.47	52.88 -1.36 0.15	58.49 -1.56 -0.05	54.40 -1.17 -0.05	44.51 -1.09 0.01	39.61 -0.93 0.00	39.33 -0.76 0.00
GREENIDGE___3 23582	37.54 -0.88 0.00	36.08 -0.93 0.00	34.45 -0.92 0.00	33.62 -0.93 0.00	35.39 -0.83 0.00	40.70 -0.70 0.00	51.18 -0.73 0.00	57.67 -1.30 0.00	53.60 -0.65 -0.02	48.30 -0.85 0.99	48.27 -1.05 0.67	46.70 -1.32 0.78	42.12 -1.37 0.71	40.50 -1.41 0.68	38.98 -1.40 0.85	39.02 -1.27 0.66	48.31 -1.45 -8.30	49.63 -1.36 -2.47	52.88 -1.36 0.15	58.49 -1.56 -0.05	54.40 -1.17 -0.05	44.51 -1.09 0.01	39.61 -0.93 0.00	39.33 -0.76 0.00
GREENIDGE___4 23583	37.54 -0.88 0.00	36.08 -0.92 0.00	34.45 -0.92 0.00	33.62 -0.93 0.00	35.39 -0.83 0.00	40.70 -0.70 0.00	51.18 -0.73 0.00	57.67 -1.30 0.00	53.61 -0.65 -0.02	48.30 -0.85 0.99	48.27 -1.05 0.67	46.71 -1.32 0.78	42.12 -1.37 0.71	40.50 -1.40 0.68	38.98 -1.40 0.85	39.02 -1.27 0.66	48.31 -1.45 -8.30	49.63 -1.36 -2.47	52.88 -1.36 0.15	58.49 -1.56 -0.05	54.40 -1.17 -0.05	44.50 -1.09 0.01	39.53 -1.01 0.00	39.32 -0.76 0.00
GREENLWN_69_KV_BK 3 55738	40.88 2.46 0.00	39.48 2.48 0.00	37.78 2.41 0.00	37.00 2.45 0.00	38.83 2.61 0.00	51.30 2.94 -6.96	54.66 2.75 0.00	62.33 3.36 0.00	57.33 3.09 0.00	53.35 3.21 0.00	53.79 3.80 0.00	53.80 4.15 -0.85	51.80 4.24 -3.36	51.80 4.13 -5.09	45.59 4.04 -0.32	44.68 3.73 0.00	51.79 3.86 -6.48	52.26 3.74 0.00	57.76 3.37 0.00	63.84 3.84 0.00	58.73 3.22 0.00	50.96 4.01 -1.34	48.42 3.32 -4.56	43.66 3.05 -0.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23
GRISSOM___SOLAR 323813	40.57 2.15 0.00	39.00 2.00 0.00	37.35 1.98 0.00	36.48 1.93 0.00	38.14 1.92 0.00	43.84 2.44 0.00	55.23 3.33 0.00	63.04 4.07 0.00	57.87 3.63 0.00	53.15 3.01 0.00	52.69 2.70 0.00	51.24 2.44 0.00	46.50 2.30 0.00	44.75 2.17 0.00	43.21 1.98 0.00	43.04 2.09 0.00	43.70 2.24 0.00	51.33 2.81 0.00	57.98 3.59 0.00	64.13 4.14 0.00	59.57 4.05 0.00	48.66 3.06 0.00	43.18 2.63 0.00	42.69 2.60 0.00
GROVEVILLE___HYD 323602	40.11 1.69 0.00	38.71 1.70 0.00	37.00 1.63 0.00	36.17 1.62 0.00	37.89 1.67 0.00	43.35 1.95 0.00	54.76 2.86 0.00	62.80 3.83 0.00	57.76 3.53 0.00	53.40 3.26 0.00	53.34 3.35 0.00	52.17 3.37 0.00	47.34 3.14 0.00	45.56 2.98 0.00	44.03 2.80 0.00	43.49 2.54 0.00	44.11 2.65 0.00	51.53 3.01 0.00	57.87 3.48 0.00	63.96 3.96 0.00	59.01 3.50 0.00	48.34 2.74 0.00	42.85 2.31 0.00	42.21 2.12 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.11 -0.31 0.00	36.71 -0.30 0.00	35.12 -0.25 0.00	34.31 -0.24 0.00	36.01 -0.22 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.69 -0.30 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.07 -0.51 0.00	40.69 -0.54 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.34 -0.20 0.00	39.89 -0.20 0.00

HAMLTNNY_34_KV_TB 80303	38.07 -0.35 0.00	36.63 -0.37 0.00	35.05 -0.32 0.00	34.24 -0.31 0.00	35.97 -0.25 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.69 -0.30 0.00	48.36 -0.44 0.00	43.71 -0.49 0.00	42.03 -0.55 0.00	40.65 -0.58 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.29 -0.32 0.00	40.30 -0.24 0.00	39.89 -0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	37.73 -0.69 0.00	36.30 -0.70 0.00	34.59 -0.78 0.00	33.79 -0.76 0.00	35.46 -0.76 0.00	40.41 -0.99 0.00	50.92 -0.99 0.00	58.09 -0.88 0.00	53.09 -1.14 0.00	48.84 -1.30 0.00	48.65 -1.35 0.00	47.34 -1.46 0.00	42.74 -1.46 0.00	41.18 -1.40 0.00	40.12 -1.11 0.00	39.89 -1.06 0.00	40.22 -1.24 0.00	47.41 -1.11 0.00	53.35 -1.04 0.00	59.04 -0.96 0.00	54.62 -0.89 0.00	44.83 -0.78 0.00	39.57 -0.97 0.00	39.04 -1.04 0.00
HARDSCRABBLE_WT_PWR 323673	37.65 -0.77 0.00	36.11 -0.89 0.00	34.49 -0.88 0.00	33.72 -0.83 0.00	35.39 -0.83 0.00	40.45 -0.95 0.00	50.82 -1.09 0.00	57.91 -1.06 0.00	53.31 -0.92 0.00	49.34 -0.80 0.00	49.34 -0.65 0.00	48.26 -0.54 0.00	43.76 -0.44 0.00	42.24 -0.34 0.00	40.98 -0.25 0.00	40.79 -0.16 0.00	41.21 -0.25 0.00	48.18 -0.34 0.00	53.95 -0.44 0.00	59.46 -0.54 0.00	54.85 -0.66 0.00	45.06 -0.55 0.00	39.98 -0.57 0.00	39.40 -0.68 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.73 1.31 0.00	38.34 1.33 0.00	36.68 1.31 0.00	35.83 1.28 0.00	37.57 1.34 0.00	42.97 1.57 0.00	54.30 2.39 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.85 2.71 0.00	52.79 2.80 0.00	51.58 2.78 0.00	46.81 2.61 0.00	45.10 2.51 0.00	43.62 2.39 0.00	43.12 2.17 0.00	43.70 2.24 0.00	51.04 2.52 0.00	57.27 2.88 0.00	63.24 3.24 0.00	58.40 2.89 0.00	47.89 2.28 0.00	42.41 1.86 0.00	41.77 1.68 0.00
HARSNRAD_115KV_TB1 81005	35.04 -3.38 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.11 -3.12 0.00	38.21 -3.19 0.00	47.03 -4.88 0.00	52.72 -6.25 0.00	48.75 -5.48 0.01	36.39 -4.61 9.13	37.61 -4.65 7.73	35.02 -4.93 8.85	31.37 -4.73 8.10	30.12 -4.64 7.83	28.99 -4.58 7.66	29.08 -4.30 7.57	31.39 -4.35 5.72	35.60 -4.95 7.97	45.12 -5.98 3.29	53.66 -6.30 0.04	49.71 -5.77 0.04	40.60 -4.97 0.04	36.57 -3.97 0.00	36.52 -3.57 0.00
HARZA MOOSE___RIVER 24016	38.65 0.23 0.00	37.15 0.15 0.00	35.48 0.11 0.00	34.69 0.14 0.00	36.37 0.14 0.00	41.57 0.17 0.00	52.38 0.47 0.00	59.85 0.88 0.00	54.78 0.54 0.00	50.44 0.30 0.00	50.19 0.20 0.00	48.85 0.05 0.00	44.11 -0.09 0.00	42.41 -0.17 0.00	41.35 0.12 0.00	41.16 0.20 0.00	41.42 -0.04 0.00	48.76 0.24 0.00	54.93 0.54 0.00	60.78 0.78 0.00	56.18 0.67 0.00	46.06 0.46 0.00	40.75 0.20 0.00	40.17 0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.84 -0.58 0.00	36.45 -0.56 0.00	34.88 -0.50 0.00	34.07 -0.48 0.00	35.75 -0.47 0.00	40.90 -0.50 0.00	51.23 -0.67 0.00	58.14 -0.83 0.00	53.59 -0.65 0.00	49.59 -0.55 0.00	49.34 -0.65 0.00	48.07 -0.73 0.00	43.45 -0.75 0.00	41.82 -0.77 0.00	40.44 -0.78 0.00	40.25 -0.70 0.00	40.76 -0.70 0.00	47.79 -0.73 0.00	53.57 -0.82 0.00	59.16 -0.84 0.00	54.79 -0.72 0.00	45.06 -0.55 0.00	40.10 -0.45 0.00	39.69 -0.40 0.00
HELLGATE_13_KV_LD 55870	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.49 1.93 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.35 1.92 -0.01	38.97 1.96 -0.01	37.33 1.95 -0.01	36.49 1.93 -0.01	38.23 1.99 -0.01	43.64 2.24 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.30 3.71 -4.45	56.80 3.80 -3.01	57.60 3.86 -4.94	57.59 3.58 -9.81	57.55 3.45 -11.52	57.67 3.30 -13.15	51.62 3.07 -7.60	56.04 3.11 -11.47	58.57 3.54 -6.51	63.82 3.81 -5.62	64.14 4.14 0.00	59.35 3.83 0.00	50.43 3.19 -1.63	44.91 2.59 -1.77	42.42 2.33 -0.01
HEMPSTEAD____ 23647	40.58 2.15 -0.01	39.19 2.18 -0.01	37.54 2.16 -0.01	36.74 2.18 -0.01	38.52 2.28 -0.01	50.98 2.61 -6.96	55.34 3.43 0.00	63.22 4.25 0.00	58.14 3.91 0.00	53.90 3.76 0.00	54.05 4.05 -0.01	53.86 4.20 -0.86	51.46 3.89 -3.37	51.47 3.79 -5.10	45.02 3.46 -0.33	44.32 3.36 -0.01	51.39 3.44 -6.49	52.31 3.79 -0.01	58.36 3.97 0.00	64.50 4.50 0.00	59.51 4.00 0.00	50.51 3.56 -1.35	48.11 3.00 -4.56	43.31 2.69 -0.54
HEWLETT_69_KV_BK3 55828	40.80 2.38 0.00	39.37 2.37 0.00	37.67 2.30 0.00	36.83 2.28 0.00	38.62 2.39 0.00	51.13 2.77 -6.96	55.75 3.84 0.00	63.63 4.66 0.00	58.58 4.34 0.00	54.30 4.16 0.00	54.39 4.40 0.00	54.19 4.54 -0.85	51.71 4.15 -3.36	51.67 4.00 -5.09	45.34 3.79 -0.32	44.47 3.52 0.00	51.59 3.65 -6.48	52.50 3.98 0.00	58.74 4.35 0.00	64.92 4.92 0.00	59.90 4.39 0.00	50.78 3.83 -1.34	48.26 3.16 -4.56	43.46 2.85 -0.53
HICKLING___1 23621	37.19 -1.23 0.00	35.75 -1.26 0.00	34.13 -1.24 0.00	33.34 -1.21 0.00	35.14 -1.09 0.00	40.41 -0.99 0.00	50.72 -1.19 0.00	57.38 -1.59 0.00	53.05 -1.19 -0.01	42.91 -1.45 5.78	43.61 -1.60 4.79	41.56 -1.76 5.49	37.55 -1.64 5.02	36.08 -1.66 4.84	34.83 -1.53 4.87	34.75 -1.52 4.69	42.85 -2.11 -3.50	44.15 -2.23 2.14	50.15 -2.39 1.85	57.92 -2.10 -0.02	53.26 -2.28 -0.02	43.77 -1.82 0.01	39.08 -1.46 0.00	38.96 -1.12 0.00
HICKLING___2 23622	37.19 -1.23 0.00	35.75 -1.26 0.00	34.13 -1.24 0.00	33.34 -1.21 0.00	35.14 -1.09 0.00	40.41 -0.99 0.00	50.72 -1.19 0.00	57.38 -1.59 0.00	53.05 -1.19 -0.01	42.91 -1.45 5.78	43.61 -1.60 4.79	41.56 -1.76 5.49	37.55 -1.64 5.02	36.08 -1.66 4.84	34.83 -1.53 4.87	34.75 -1.52 4.69	42.85 -2.11 -3.50	44.15 -2.23 2.14	50.15 -2.39 1.85	57.92 -2.10 -0.02	53.26 -2.28 -0.02	43.77 -1.82 0.01	39.08 -1.46 0.00	38.96 -1.12 0.00
HIGH FALLS___HY 23754	39.92 1.50 0.00	38.52 1.52 0.00	36.82 1.45 0.00	35.97 1.42 0.00	37.75 1.52 0.00	43.14 1.74 0.00	54.51 2.60 0.00	62.39 3.42 0.00	57.33 3.09 0.00	52.90 2.76 0.00	52.89 2.90 0.00	51.58 2.78 0.00	46.76 2.56 0.00	45.05 2.47 0.00	43.58 2.35 0.00	43.08 2.13 0.00	43.74 2.28 0.00	51.19 2.67 0.00	57.54 3.15 0.00	63.60 3.60 0.00	58.62 3.11 0.00	48.07 2.46 0.00	42.57 2.03 0.00	41.89 1.80 0.00
HIGH_RIVER___SOLAR 323847	39.88 1.46 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.90 1.35 0.00	37.57 1.34 0.00	43.06 1.66 0.00	54.14 2.23 0.00	61.63 2.66 0.00	56.62 2.38 0.00	52.04 1.90 0.00	51.64 1.65 0.00	50.36 1.56 0.00	45.70 1.50 0.00	44.03 1.45 0.00	42.59 1.36 0.00	42.38 1.43 0.00	43.00 1.53 0.00	50.51 1.99 0.00	56.95 2.56 0.00	62.94 2.94 0.00	58.29 2.77 0.00	47.79 2.19 0.00	42.49 1.95 0.00	41.97 1.88 0.00

HILLBURN___GT 23639	39.73 1.31 0.00	38.33 1.33 0.00	36.68 1.31 0.00	35.86 1.31 0.00	37.60 1.38 0.00	42.97 1.57 0.00	54.35 2.44 0.00	62.27 3.30 0.00	57.22 2.98 0.00	52.90 2.76 0.00	52.84 2.85 0.00	51.68 2.88 0.00	46.90 2.70 0.00	45.22 2.64 0.00	43.62 2.39 0.00	43.24 2.29 0.00	43.82 2.36 0.00	51.14 2.62 0.00	57.32 2.94 0.00	63.18 3.18 0.00	58.40 2.88 0.00	47.93 2.32 0.00	42.49 1.95 0.00	41.77 1.68 0.00
HILLSIDE_115KV_TB1 80332	36.88 -1.54 0.00	35.49 -1.52 0.00	33.92 -1.45 0.00	33.10 -1.45 0.00	34.89 -1.34 0.00	40.08 -1.32 0.00	50.30 -1.61 0.00	56.85 -2.12 0.00	52.56 -1.68 -0.01	42.08 -1.91 6.15	42.88 -2.00 5.12	40.94 -2.00 5.86	36.98 -1.86 5.36	35.57 -1.83 5.18	34.35 -1.69 5.19	34.18 -1.76 5.01	41.90 -2.40 -2.85	43.40 -2.67 2.45	49.60 -2.88 1.91	57.37 -2.64 -0.02	52.70 -2.83 -0.02	43.41 -2.19 0.01	38.76 -1.78 0.00	38.64 -1.44 0.00
HISHELDN_WT_PWR 323625	34.92 -3.50 0.00	33.52 -3.48 0.00	32.01 -3.36 0.00	31.23 -3.32 0.00	33.00 -3.22 0.00	38.09 -3.31 0.00	47.29 -4.62 0.00	53.25 -5.72 0.00	49.13 -5.04 0.06	11.47 -4.72 33.96	16.38 -4.85 28.77	10.85 -5.03 32.93	9.30 -4.77 30.13	8.74 -4.73 29.11	8.50 -4.49 28.23	8.32 -4.46 28.17	9.24 -4.73 27.49	11.01 -5.29 32.22	35.90 -5.98 12.50	53.58 -6.24 0.17	49.45 -5.89 0.17	40.65 -4.93 0.03	36.29 -4.26 0.00	36.48 -3.61 0.00
HOLTSVILLE_IC_1 23690	40.89 2.46 -0.01	39.68 2.67 -0.01	38.00 2.62 -0.01	37.26 2.70 -0.01	39.02 2.79 -0.01	51.60 3.23 -6.96	55.80 3.90 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.80 3.66 0.00	54.05 4.05 -0.01	53.81 4.15 -0.86	51.41 3.84 -3.37	51.38 3.70 -5.09	44.94 3.38 -0.33	44.24 3.28 -0.01	51.39 3.44 -6.49	52.31 3.79 -0.01	58.41 4.02 0.00	64.80 4.80 0.00	59.68 4.17 0.00	50.65 3.69 -1.35	48.43 3.33 -4.56	43.79 3.17 -0.54
HOLTSVILLE_IC_10 23699	41.08 2.65 -0.01	39.82 2.81 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	56.06 4.15 0.00	63.51 4.54 0.00	58.31 4.07 0.00	54.05 3.91 0.00	54.30 4.30 -0.01	54.10 4.44 -0.86	51.68 4.11 -3.37	51.64 3.96 -5.09	45.18 3.63 -0.33	44.48 3.52 -0.01	51.64 3.69 -6.49	52.60 4.08 -0.01	58.74 4.35 0.00	65.16 5.16 0.00	60.01 4.49 0.00	50.92 3.97 -1.35	48.68 3.57 -4.56	43.99 3.37 -0.54
HOLTSVILLE_IC_2 23691	40.89 2.46 -0.01	39.68 2.67 -0.01	38.00 2.62 -0.01	37.26 2.70 -0.01	39.02 2.79 -0.01	51.60 3.23 -6.96	55.80 3.90 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.80 3.66 0.00	54.05 4.05 -0.01	53.81 4.15 -0.86	51.41 3.84 -3.37	51.38 3.70 -5.09	44.94 3.38 -0.33	44.24 3.28 -0.01	51.39 3.44 -6.49	52.31 3.79 -0.01	58.41 4.02 0.00	64.80 4.80 0.00	59.68 4.17 0.00	50.65 3.69 -1.35	48.43 3.33 -4.56	43.79 3.17 -0.54
HOLTSVILLE_IC_3 23692	40.89 2.46 -0.01	39.68 2.67 -0.01	38.00 2.62 -0.01	37.26 2.70 -0.01	39.02 2.79 -0.01	51.60 3.23 -6.96	55.80 3.90 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.80 3.66 0.00	54.05 4.05 -0.01	53.81 4.15 -0.86	51.41 3.84 -3.37	51.38 3.70 -5.09	44.94 3.38 -0.33	44.24 3.28 -0.01	51.39 3.44 -6.49	52.31 3.79 -0.01	58.41 4.02 0.00	64.80 4.80 0.00	59.68 4.17 0.00	50.65 3.69 -1.35	48.43 3.33 -4.56	43.79 3.17 -0.54
HOLTSVILLE_IC_4 23693	40.89 2.46 -0.01	39.68 2.67 -0.01	38.00 2.62 -0.01	37.26 2.70 -0.01	39.02 2.79 -0.01	51.60 3.23 -6.96	55.80 3.90 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.80 3.66 0.00	54.05 4.05 -0.01	53.81 4.15 -0.86	51.41 3.84 -3.37	51.38 3.70 -5.09	44.94 3.38 -0.33	44.24 3.28 -0.01	51.39 3.44 -6.49	52.31 3.79 -0.01	58.41 4.02 0.00	64.80 4.80 0.00	59.68 4.17 0.00	50.65 3.69 -1.35	48.43 3.33 -4.56	43.79 3.17 -0.54
HOLTSVILLE_IC_5 23694	40.89 2.46 -0.01	39.68 2.67 -0.01	38.00 2.62 -0.01	37.26 2.70 -0.01	39.02 2.79 -0.01	51.60 3.23 -6.96	55.80 3.90 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.80 3.66 0.00	54.05 4.05 -0.01	53.81 4.15 -0.86	51.41 3.84 -3.37	51.38 3.70 -5.09	44.94 3.38 -0.33	44.24 3.28 -0.01	51.39 3.44 -6.49	52.31 3.79 -0.01	58.41 4.02 0.00	64.80 4.80 0.00	59.68 4.17 0.00	50.65 3.69 -1.35	48.43 3.33 -4.56	43.79 3.17 -0.54
HOLTSVILLE_IC_6 23695	41.08 2.65 -0.01	39.82 2.81 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	56.06 4.15 0.00	63.51 4.54 0.00	58.31 4.07 0.00	54.05 3.91 0.00	54.30 4.30 -0.01	54.10 4.44 -0.86	51.68 4.11 -3.37	51.64 3.96 -5.09	45.18 3.63 -0.33	44.48 3.52 -0.01	51.64 3.69 -6.49	52.60 4.08 -0.01	58.74 4.35 0.00	65.16 5.16 0.00	60.01 4.49 0.00	50.92 3.97 -1.35	48.68 3.57 -4.56	43.99 3.37 -0.54
HOLTSVILLE_IC_7 23696	41.08 2.65 -0.01	39.82 2.81 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	56.06 4.15 0.00	63.51 4.54 0.00	58.31 4.07 0.00	54.05 3.91 0.00	54.30 4.30 -0.01	54.10 4.44 -0.86	51.68 4.11 -3.37	51.64 3.96 -5.09	45.18 3.63 -0.33	44.48 3.52 -0.01	51.64 3.69 -6.49	52.60 4.08 -0.01	58.74 4.35 0.00	65.16 5.16 0.00	60.01 4.49 0.00	50.92 3.97 -1.35	48.68 3.57 -4.56	43.99 3.37 -0.54
HOLTSVILLE_IC_8 23697	41.08 2.65 -0.01	39.82 2.81 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	56.06 4.15 0.00	63.51 4.54 0.00	58.31 4.07 0.00	54.05 3.91 0.00	54.30 4.30 -0.01	54.10 4.44 -0.86	51.68 4.11 -3.37	51.64 3.96 -5.09	45.18 3.63 -0.33	44.48 3.52 -0.01	51.64 3.69 -6.49	52.60 4.08 -0.01	58.74 4.35 0.00	65.16 5.16 0.00	60.01 4.49 0.00	50.92 3.97 -1.35	48.68 3.57 -4.56	43.99 3.37 -0.54
HOLTSVILLE_IC_9 23698	41.08 2.65 -0.01	39.82 2.81 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	56.06 4.15 0.00	63.51 4.54 0.00	58.31 4.07 0.00	54.05 3.91 0.00	54.30 4.30 -0.01	54.10 4.44 -0.86	51.68 4.11 -3.37	51.64 3.96 -5.09	45.18 3.63 -0.33	44.48 3.52 -0.01	51.64 3.69 -6.49	52.60 4.08 -0.01	58.74 4.35 0.00	65.16 5.16 0.00	60.01 4.49 0.00	50.92 3.97 -1.35	48.68 3.57 -4.56	43.99 3.37 -0.54
HOMER_HL_115KV_TB2 355744	35.92 -2.50 0.00	34.45 -2.55 0.00	32.93 -2.44 0.00	32.13 -2.42 0.00	34.05 -2.17 0.00	39.33 -2.07 0.00	48.95 -2.96 0.00	54.90 -4.07 0.00	50.60 -3.63 0.00	41.12 -4.51 4.50	41.60 -4.60 3.80	40.26 -4.20 4.35	36.56 -3.67 3.98	35.12 -3.62 3.84	34.31 -3.09 3.83	34.00 -3.24 3.72	36.49 -4.98 0.00	39.98 -5.68 2.86	46.72 -6.15 1.52	55.02 -4.98 0.00	49.35 -6.16 0.00	41.34 -4.24 0.03	37.50 -3.04 0.00	37.72 -2.37 0.00
HOWARD_WT_PWR 323690	36.04 -2.38 0.00	34.52 -2.48 0.00	32.79 -2.58 0.00	31.75 -2.80 0.00	33.36 -2.86 0.00	38.50 -2.90 0.00	48.59 -3.32 0.00	55.37 -3.60 0.00	51.45 -2.82 -0.04	56.60 -3.01 -9.47	54.96 -3.20 -8.17	54.72 -3.42 -9.34	49.53 -3.22 -8.55	47.57 -3.28 -8.26	45.68 -3.34 -7.79	45.80 -3.15 -8.00	55.41 -3.57 -17.51	57.34 -3.93 -12.75	53.86 -4.30 -3.76	55.91 -4.20 -0.11	51.46 -4.16 -0.11	42.08 -3.51 0.02	37.46 -3.08 0.00	37.60 -2.49 0.00

HQ_GEN_CEDARS 23644	38.42 0.00 0.00	37.04 0.04 0.00	35.30 -0.07 0.00	34.45 -0.10 0.00	36.12 -0.11 0.00	41.15 -0.25 0.00	51.60 -0.31 0.00	58.68 -0.29 0.00	53.86 -0.38 0.00	49.64 -0.50 0.00	49.54 -0.45 0.00	48.36 -0.44 0.00	43.80 -0.40 0.00	42.29 -0.30 0.00	41.02 -0.21 0.00	40.66 -0.29 0.00	41.21 -0.25 0.00	48.33 -0.19 0.00	54.12 -0.27 0.00	59.70 -0.30 0.00	55.29 -0.22 0.00	45.38 -0.23 0.00	40.22 -0.32 0.00	39.81 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	38.42 0.00 0.00	37.04 0.04 0.00	35.30 -0.07 0.00	34.45 -0.10 0.00	36.12 -0.11 0.00	41.15 -0.25 0.00	51.60 -0.31 0.00	58.68 -0.29 0.00	53.86 -0.38 0.00	49.64 -0.50 0.00	49.54 -0.45 0.00	48.36 -0.44 0.00	43.80 -0.40 0.00	42.29 -0.30 0.00	41.02 -0.21 0.00	40.67 -0.28 0.00	41.21 -0.25 0.00	48.33 -0.19 0.00	54.12 -0.27 0.00	59.70 -0.30 0.00	55.29 -0.22 0.00	45.38 -0.23 0.00	40.18 -0.37 0.00	39.81 -0.28 0.00
HQ_GEN_IMPORT 323601	38.42 0.00 0.00	37.00 0.00 0.00	35.30 -0.07 0.00	34.48 -0.07 0.00	36.12 -0.11 0.00	41.24 -0.16 0.00	51.65 -0.26 0.00	58.68 -0.29 0.00	53.91 -0.32 0.00	49.79 -0.35 0.00	49.65 -0.35 0.00	48.51 -0.29 0.00	43.94 -0.26 0.00	42.37 -0.21 0.00	41.06 -0.16 0.00	40.79 -0.16 0.00	41.30 -0.17 0.00	48.37 -0.15 0.00	54.17 -0.22 0.00	59.70 -0.30 0.00	55.24 -0.28 0.00	45.33 -0.27 0.00	40.26 -0.28 0.00	39.85 -0.24 0.00
HQ_GEN_WHEEL 23651	38.42 0.00 0.00	37.00 0.00 0.00	35.30 -0.07 0.00	34.48 -0.07 0.00	36.12 -0.11 0.00	41.24 -0.16 0.00	51.65 -0.26 0.00	58.68 -0.29 0.00	53.91 -0.32 0.00	49.79 -0.35 0.00	49.65 -0.35 0.00	48.51 -0.29 0.00	43.94 -0.26 0.00	42.37 -0.21 0.00	41.06 -0.16 0.00	40.79 -0.16 0.00	41.30 -0.17 0.00	48.37 -0.15 0.00	54.17 -0.22 0.00	59.70 -0.30 0.00	55.24 -0.28 0.00	45.33 -0.27 0.00	40.26 -0.28 0.00	39.85 -0.24 0.00
HUDSON_AVE_GT_3 23810	40.11 1.69 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.41 3.61 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.93 3.54 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
HUDSON_AVE_GT_4 23540	40.11 1.69 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.41 3.61 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.93 3.54 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
HUDSON_AVE_GT_5 23657	40.11 1.69 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.41 3.61 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.93 3.54 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
HUDSON_AVE_10 24168	39.99 1.58 0.00	38.63 1.63 0.00	37.03 1.66 0.00	36.17 1.62 0.00	37.89 1.67 0.00	43.31 1.90 0.00	54.92 3.01 0.00	62.98 4.01 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.31 3.51 0.00	47.47 3.27 0.00	45.78 3.19 0.00	44.28 3.05 0.00	43.74 2.78 0.00	44.32 2.86 0.00	51.72 3.20 0.00	57.87 3.48 0.00	63.78 3.78 0.00	59.07 3.55 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.09 2.00 0.00
HUDSON___115KV_TB 4 355613	39.76 1.34 0.00	38.30 1.30 0.00	36.65 1.27 0.00	35.79 1.24 0.00	37.46 1.23 0.00	42.93 1.53 0.00	54.04 2.13 0.00	61.68 2.71 0.00	56.73 2.49 0.00	52.25 2.11 0.00	51.94 1.95 0.00	50.75 1.95 0.00	46.01 1.81 0.00	44.24 1.66 0.00	42.79 1.57 0.00	42.47 1.52 0.00	43.04 1.58 0.00	50.36 1.84 0.00	56.84 2.45 0.00	62.76 2.76 0.00	58.07 2.55 0.00	47.61 2.01 0.00	42.25 1.70 0.00	41.77 1.68 0.00
HUNTER MOUNT___DRP 323613	39.96 1.54 0.00	38.48 1.48 0.00	36.79 1.41 0.00	35.93 1.38 0.00	37.60 1.38 0.00	43.10 1.70 0.00	54.30 2.39 0.00	61.98 3.01 0.00	57.00 2.77 0.00	52.45 2.31 0.00	52.14 2.15 0.00	50.90 2.10 0.00	46.15 1.94 0.00	44.33 1.75 0.00	42.88 1.65 0.00	42.51 1.56 0.00	43.12 1.66 0.00	50.51 1.99 0.00	57.05 2.67 0.00	63.12 3.12 0.00	58.29 2.78 0.00	47.75 2.14 0.00	42.45 1.91 0.00	41.93 1.84 0.00
HUNTINGTON_RES_REC 323705	41.04 2.61 -0.01	39.68 2.67 -0.01	38.03 2.65 -0.01	37.26 2.70 -0.01	39.06 2.83 -0.01	51.60 3.23 -6.96	55.44 3.53 0.00	62.98 4.01 0.00	57.87 3.63 0.00	53.75 3.61 0.00	54.05 4.05 -0.01	53.96 4.30 -0.86	51.85 4.29 -3.37	51.85 4.18 -5.09	45.39 3.83 -0.33	44.72 3.77 -0.01	51.84 3.90 -6.49	52.75 4.22 -0.01	58.31 3.92 0.00	64.50 4.50 0.00	59.40 3.88 0.00	51.06 4.11 -1.35	48.68 3.57 -4.56	43.87 3.25 -0.54
HUNTLEY___63 23557	35.35 -3.07 0.00	33.86 -3.15 0.00	32.37 -3.01 0.00	31.58 -2.97 0.00	33.40 -2.83 0.00	38.59 -2.82 0.00	47.50 -4.41 0.00	53.25 -5.72 0.00	49.24 -4.99 0.01	38.15 -4.26 7.73	39.20 -4.25 6.54	36.87 -4.44 7.49	33.11 -4.24 6.85	31.75 -4.22 6.62	30.65 -4.08 6.49	30.70 -3.85 6.40	33.03 -4.10 4.32	37.37 -4.61 6.54	45.97 -5.66 2.76	54.15 -5.82 0.03	49.99 -5.50 0.03	40.92 -4.65 0.04	36.93 -3.61 0.00	36.88 -3.21 0.00
HUNTLEY___64 23558	35.35 -3.07 0.00	33.86 -3.15 0.00	32.37 -3.01 0.00	31.58 -2.97 0.00	33.40 -2.83 0.00	38.59 -2.82 0.00	47.50 -4.41 0.00	53.25 -5.72 0.00	49.24 -4.99 0.01	38.15 -4.26 7.73	39.20 -4.25 6.54	36.87 -4.44 7.49	33.11 -4.24 6.85	31.75 -4.22 6.62	30.65 -4.08 6.49	30.70 -3.85 6.40	33.03 -4.10 4.32	37.37 -4.61 6.54	45.97 -5.66 2.76	54.15 -5.82 0.03	49.99 -5.50 0.03	40.92 -4.65 0.04	36.93 -3.61 0.00	36.88 -3.21 0.00
HUNTLEY___65 23559	35.35 -3.07 0.00	33.86 -3.15 0.00	32.37 -3.01 0.00	31.58 -2.97 0.00	33.40 -2.83 0.00	38.59 -2.82 0.00	47.50 -4.41 0.00	53.25 -5.72 0.00	49.24 -4.99 0.01	38.15 -4.26 7.73	39.20 -4.25 6.54	36.87 -4.44 7.49	33.11 -4.24 6.85	31.75 -4.22 6.62	30.65 -4.08 6.49	30.70 -3.85 6.40	33.03 -4.10 4.32	37.37 -4.61 6.54	45.97 -5.66 2.76	54.15 -5.82 0.03	49.99 -5.50 0.03	40.92 -4.65 0.04	36.93 -3.61 0.00	36.88 -3.21 0.00
HUNTLEY___66 23560	35.35 -3.07 0.00	33.86 -3.15 0.00	32.37 -3.01 0.00	31.58 -2.97 0.00	33.40 -2.83 0.00	38.59 -2.82 0.00	47.50 -4.41 0.00	53.25 -5.72 0.00	49.24 -4.99 0.01	38.15 -4.26 7.73	39.20 -4.25 6.54	36.87 -4.44 7.49	33.11 -4.24 6.85	31.75 -4.22 6.62	30.65 -4.08 6.49	30.70 -3.85 6.40	33.03 -4.10 4.32	37.37 -4.61 6.54	45.97 -5.66 2.76	54.15 -5.82 0.03	49.99 -5.50 0.03	40.92 -4.65 0.04	36.93 -3.61 0.00	36.88 -3.21 0.00

HUNTLEY___67 23561	35.31 -3.11 0.00	33.82 -3.18 0.00	32.33 -3.04 0.00	31.54 -3.01 0.00	33.36 -2.86 0.00	38.50 -2.90 0.00	47.39 -4.52 0.00	53.13 -5.84 0.00	49.13 -5.10 0.01	38.19 -4.36 7.58	39.17 -4.40 6.42	36.91 -4.54 7.35	33.14 -4.33 6.72	31.83 -4.26 6.50	30.73 -4.12 6.38	30.77 -3.89 6.29	33.13 -4.19 4.15	37.39 -4.75 6.38	45.92 -5.77 2.71	53.97 -6.00 0.03	49.83 -5.66 0.03	40.83 -4.74 0.03	36.81 -3.73 0.00	36.80 -3.29 0.00
HUNTLEY___68 23562	35.31 -3.11 0.00	33.82 -3.18 0.00	32.33 -3.04 0.00	31.54 -3.01 0.00	33.36 -2.86 0.00	38.50 -2.90 0.00	47.39 -4.52 0.00	53.13 -5.84 0.00	49.13 -5.10 0.01	38.19 -4.36 7.58	39.17 -4.40 6.42	36.91 -4.54 7.35	33.14 -4.33 6.72	31.83 -4.26 6.50	30.73 -4.12 6.38	30.77 -3.89 6.29	33.13 -4.19 4.15	37.39 -4.75 6.38	45.92 -5.77 2.71	53.97 -6.00 0.03	49.83 -5.66 0.03	40.83 -4.74 0.03	36.81 -3.73 0.00	36.80 -3.29 0.00
HYLAND___LFG 323620	37.54 -0.88 0.00	35.97 -1.04 0.00	34.35 -1.03 0.00	33.44 -1.11 0.00	35.32 -0.90 0.00	40.78 -0.62 0.00	51.18 -0.73 0.00	57.79 -1.18 0.00	52.60 -1.68 -0.04	62.82 -2.20 -14.89	59.88 -2.80 -12.68	60.04 -3.27 -14.51	54.26 -3.22 -13.28	52.14 -3.28 -12.84	50.60 -2.89 -12.26	50.42 -2.95 -12.42	57.66 -2.74 -18.94	62.94 -2.42 -16.84	58.26 -1.85 -5.72	59.10 -1.02 -0.12	55.02 -0.61 -0.12	44.66 -0.91 0.03	39.61 -0.93 0.00	39.49 -0.60 0.00
INDECK___CORINTH 23802	40.45 2.03 0.00	38.89 1.89 0.00	37.25 1.87 0.00	36.42 1.86 0.00	38.00 1.77 0.00	43.68 2.28 0.00	53.52 1.61 0.00	61.15 2.18 0.00	56.51 2.28 0.00	52.20 2.06 0.00	51.85 1.85 0.00	50.70 1.90 0.00	45.97 1.77 0.00	44.20 1.62 0.00	42.67 1.44 0.00	42.38 1.43 0.00	42.83 1.37 0.00	49.93 1.41 0.00	56.29 1.90 0.00	62.15 2.16 0.00	57.74 2.22 0.00	47.29 1.69 0.00	43.14 2.60 0.00	42.65 2.57 0.00
INDECK___ILION 23567	38.19 -0.23 0.00	36.71 -0.30 0.00	35.05 -0.32 0.00	34.27 -0.28 0.00	35.94 -0.29 0.00	41.07 -0.33 0.00	51.55 -0.36 0.00	58.73 -0.24 0.00	54.02 -0.22 0.00	49.99 -0.15 0.00	49.89 -0.10 0.00	48.75 -0.05 0.00	44.16 -0.04 0.00	42.58 0.00 0.00	41.27 0.04 0.00	41.03 0.08 0.00	41.50 0.04 0.00	48.57 0.05 0.00	54.44 0.05 0.00	60.00 0.00 0.00	55.46 -0.06 0.00	45.56 -0.05 0.00	40.42 -0.12 0.00	39.93 -0.16 0.00
INDECK___OLEAN 23982	35.92 -2.50 0.00	34.45 -2.55 0.00	32.93 -2.44 0.00	32.13 -2.42 0.00	34.05 -2.17 0.00	39.29 -2.11 0.00	48.95 -2.96 0.00	54.90 -4.07 0.00	50.60 -3.63 0.00	41.12 -4.51 4.50	41.60 -4.60 3.80	40.25 -4.20 4.35	36.51 -3.71 3.98	35.12 -3.62 3.84	32.86 -4.54 3.83	34.00 -3.24 3.72	36.44 -5.02 0.00	39.98 -5.68 2.86	46.72 -6.15 1.52	55.02 -4.98 0.00	49.35 -6.16 0.00	41.34 -4.24 0.03	37.30 -3.24 0.00	37.72 -2.37 0.00
INDECK___OSWEGO 23783	37.54 -0.88 0.00	36.15 -0.85 0.00	34.56 -0.81 0.00	33.79 -0.76 0.00	35.43 -0.80 0.00	40.53 -0.87 0.00	50.77 -1.14 0.00	57.55 -1.42 0.00	52.93 -1.30 0.00	48.99 -1.15 0.00	48.75 -1.25 0.00	47.49 -1.32 0.00	42.92 -1.28 0.00	41.31 -1.28 0.00	40.03 -1.20 0.00	39.76 -1.19 0.00	40.26 -1.20 0.00	47.21 -1.31 0.00	52.98 -1.41 0.00	58.50 -1.50 0.00	54.13 -1.39 0.00	44.51 -1.09 0.00	39.61 -0.93 0.00	39.20 -0.88 0.00
INDECK___YERKES 23781	35.38 -3.04 0.00	33.90 -3.11 0.00	32.40 -2.97 0.00	31.61 -2.94 0.00	33.44 -2.79 0.00	38.63 -2.77 0.00	47.55 -4.36 0.00	53.31 -5.66 0.00	49.29 -4.94 0.01	38.20 -4.21 7.73	39.26 -4.20 6.54	36.92 -4.39 7.49	33.19 -4.16 6.85	31.79 -4.17 6.62	31.06 -3.67 6.49	30.74 -3.81 6.40	33.12 -4.02 4.32	37.47 -4.51 6.54	46.03 -5.60 2.76	54.21 -5.76 0.03	50.05 -5.44 0.03	40.97 -4.60 0.04	36.69 -3.85 0.00	36.92 -3.17 0.00
INDIAN POINT_GT_1 24139	39.76 1.34 0.00	38.41 1.41 0.00	36.75 1.38 0.00	35.90 1.35 0.00	37.64 1.41 0.00	43.02 1.61 0.00	54.40 2.49 0.00	62.21 3.24 0.00	57.17 2.93 0.00	52.90 2.76 0.00	52.79 2.80 0.00	51.63 2.83 0.00	46.85 2.65 0.00	45.18 2.60 0.00	43.70 2.47 0.00	43.24 2.29 0.00	43.78 2.32 0.00	51.09 2.57 0.00	57.27 2.88 0.00	63.18 3.18 0.00	58.46 2.94 0.00	47.98 2.37 0.00	42.49 1.95 0.00	41.81 1.72 0.00
INDIAN POINT_GT_2 23659	39.76 1.34 0.00	38.41 1.41 0.00	36.75 1.38 0.00	35.90 1.35 0.00	37.64 1.41 0.00	43.02 1.61 0.00	54.40 2.49 0.00	62.21 3.24 0.00	57.17 2.93 0.00	52.90 2.76 0.00	52.79 2.80 0.00	51.63 2.83 0.00	46.85 2.65 0.00	45.18 2.60 0.00	43.70 2.47 0.00	43.24 2.29 0.00	43.78 2.32 0.00	51.09 2.57 0.00	57.27 2.88 0.00	63.18 3.18 0.00	58.46 2.94 0.00	47.98 2.37 0.00	42.49 1.95 0.00	41.81 1.72 0.00
INDIAN POINT_GT_3 24019	39.76 1.34 0.00	38.41 1.41 0.00	36.75 1.38 0.00	35.90 1.35 0.00	37.64 1.41 0.00	43.02 1.61 0.00	54.40 2.49 0.00	62.21 3.24 0.00	57.17 2.93 0.00	52.90 2.76 0.00	52.79 2.80 0.00	51.63 2.83 0.00	46.85 2.65 0.00	45.18 2.60 0.00	43.70 2.47 0.00	43.24 2.29 0.00	43.78 2.32 0.00	51.09 2.57 0.00	57.27 2.88 0.00	63.18 3.18 0.00	58.46 2.94 0.00	47.98 2.37 0.00	42.49 1.95 0.00	41.81 1.72 0.00
INDIAN POINT___2 23530	39.65 1.23 0.00	38.22 1.22 0.00	36.61 1.24 0.00	35.79 1.24 0.00	37.53 1.30 0.00	42.85 1.45 0.00	54.19 2.28 0.00	61.98 3.01 0.00	56.95 2.71 0.00	52.65 2.51 0.00	52.59 2.60 0.00	51.43 2.63 0.00	46.67 2.47 0.00	45.01 2.43 0.00	43.41 2.18 0.00	43.04 2.09 0.00	43.62 2.15 0.00	50.90 2.38 0.00	57.00 2.61 0.00	62.94 2.94 0.00	58.23 2.72 0.00	47.79 2.19 0.00	42.37 1.83 0.00	41.65 1.56 0.00
INDIAN POINT___3 23531	39.80 1.38 0.00	38.45 1.44 0.00	36.79 1.41 0.00	35.93 1.38 0.00	37.67 1.45 0.00	43.06 1.66 0.00	54.45 2.54 0.00	62.27 3.30 0.00	57.27 3.04 0.00	52.95 2.81 0.00	52.84 2.85 0.00	51.73 2.93 0.00	46.94 2.74 0.00	45.22 2.64 0.00	43.78 2.56 0.00	43.28 2.33 0.00	43.82 2.36 0.00	51.14 2.62 0.00	57.33 2.94 0.00	63.24 3.24 0.00	58.51 3.00 0.00	48.02 2.42 0.00	42.53 1.99 0.00	41.85 1.76 0.00
INGHAM_C_115KV_TB7 356103	37.65 -0.77 0.00	36.12 -0.89 0.00	34.49 -0.88 0.00	33.72 -0.83 0.00	35.39 -0.83 0.00	40.45 -0.95 0.00	50.82 -1.09 0.00	57.91 -1.06 0.00	53.26 -0.98 0.00	49.29 -0.85 0.00	49.29 -0.70 0.00	48.21 -0.59 0.00	43.71 -0.49 0.00	42.20 -0.38 0.00	40.94 -0.29 0.00	40.70 -0.25 0.00	41.17 -0.29 0.00	48.08 -0.44 0.00	53.90 -0.49 0.00	59.40 -0.60 0.00	54.79 -0.72 0.00	45.01 -0.59 0.00	39.93 -0.61 0.00	39.41 -0.68 0.00
IP CORINTH___1 23988	40.46 2.04 0.00	38.89 1.89 0.00	37.25 1.87 0.00	36.42 1.87 0.00	38.00 1.78 0.00	43.68 2.28 0.00	53.78 1.87 0.00	61.51 2.54 0.00	56.79 2.55 0.00	52.45 2.31 0.00	52.09 2.10 0.00	50.95 2.15 0.00	46.19 1.99 0.00	44.41 1.83 0.00	42.92 1.69 0.00	42.59 1.64 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.57 2.18 0.00	62.52 2.52 0.00	58.01 2.50 0.00	47.52 1.92 0.00	43.10 2.55 0.00	42.65 2.57 0.00

IP___TICONDEROGA 23804	41.42 3.00 0.00	39.74 2.74 0.00	38.10 2.72 0.00	37.25 2.69 0.00	38.80 2.57 0.00	44.76 3.35 0.00	55.54 3.63 0.00	63.63 4.66 0.00	58.79 4.56 0.00	54.25 4.11 0.00	53.79 3.80 0.00	52.51 3.71 0.00	47.47 3.27 0.00	45.56 2.98 0.00	43.99 2.76 0.00	43.74 2.78 0.00	44.20 2.74 0.00	51.62 3.11 0.00	58.36 3.97 0.00	64.56 4.56 0.00	60.18 4.66 0.00	49.03 3.42 0.00	44.19 3.65 0.00	43.73 3.65 0.00
ISLIP_RES_REC 323679	41.20 2.77 -0.01	39.93 2.92 -0.01	38.28 2.90 -0.01	37.49 2.94 -0.01	39.31 3.08 -0.01	51.93 3.56 -6.96	56.27 4.36 0.00	63.74 4.77 0.00	58.58 4.34 0.00	54.30 4.16 0.00	54.55 4.55 -0.01	54.30 4.64 -0.86	51.85 4.29 -3.37	51.81 4.13 -5.09	45.34 3.79 -0.33	44.65 3.69 -0.01	51.80 3.86 -6.49	52.84 4.32 -0.01	59.01 4.62 0.00	65.46 5.46 0.00	60.23 4.72 0.00	51.10 4.15 -1.35	48.84 3.73 -4.56	44.11 3.49 -0.54
JAMAICA__27_KV_LOAD 355505	40.07 1.65 0.00	38.71 1.70 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.89 1.67 0.00	43.35 1.95 0.00	55.08 3.17 0.00	63.22 4.25 0.00	58.14 3.91 0.00	53.80 3.66 0.00	53.64 3.65 0.00	52.51 3.71 0.00	47.69 3.49 0.00	45.99 3.41 0.00	44.48 3.26 0.00	43.90 2.95 0.00	44.53 3.07 0.00	52.01 3.49 0.00	58.14 3.75 0.00	64.14 4.14 0.00	59.40 3.89 0.00	48.71 3.10 0.00	42.98 2.43 0.00	42.17 2.08 0.00
JANIS___SOLAR 323808	39.57 1.15 0.00	38.00 1.00 0.00	36.22 0.85 0.00	35.41 0.86 0.00	37.17 0.94 0.00	42.60 1.20 0.00	53.73 1.82 0.00	61.15 2.18 0.00	55.97 1.74 0.00	60.86 1.20 -9.52	58.62 0.85 -7.78	58.20 0.49 -8.91	52.62 0.27 -8.15	50.54 0.09 -7.87	48.97 0.00 -7.74	48.78 0.21 -7.62	43.19 0.37 -1.36	56.55 1.07 -6.97	59.61 1.74 -3.48	62.41 2.40 -0.01	57.58 2.06 -0.01	47.15 1.55 0.00	41.68 1.13 0.00	41.25 1.16 0.00
JARVIS____ 23743	38.50 0.08 0.00	37.08 0.07 0.00	35.44 0.07 0.00	34.62 0.07 0.00	36.30 0.07 0.00	41.48 0.08 0.00	52.07 0.16 0.00	59.21 0.24 0.00	54.45 0.22 0.00	50.34 0.20 0.00	50.20 0.20 0.00	49.00 0.20 0.00	44.38 0.18 0.00	42.75 0.17 0.00	41.39 0.17 0.00	41.16 0.21 0.00	41.63 0.17 0.00	48.71 0.19 0.00	54.61 0.22 0.00	60.24 0.24 0.00	55.74 0.22 0.00	45.79 0.18 0.00	40.71 0.16 0.00	40.21 0.12 0.00
JENNISON___1 23625	39.57 1.15 0.00	38.04 1.04 0.00	36.22 0.85 0.00	35.41 0.86 0.00	37.17 0.94 0.00	42.52 1.12 0.00	53.62 1.71 0.00	61.27 2.30 0.00	56.08 1.84 0.00	53.79 1.50 -2.14	53.02 1.45 -1.57	51.82 1.22 -1.80	46.82 0.97 -1.65	44.98 0.81 -1.59	43.58 0.78 -1.56	43.31 0.82 -1.54	42.29 0.83 0.00	50.98 1.31 -1.15	56.74 1.74 -0.61	62.28 2.28 0.00	57.46 1.94 0.00	47.11 1.50 0.01	41.72 1.18 0.00	41.25 1.16 0.00
JENNISON___2 23626	39.57 1.15 0.00	38.04 1.04 0.00	36.22 0.85 0.00	35.41 0.86 0.00	37.17 0.94 0.00	42.52 1.12 0.00	53.62 1.71 0.00	61.27 2.30 0.00	56.08 1.84 0.00	53.79 1.50 -2.14	53.02 1.45 -1.57	51.82 1.22 -1.80	46.82 0.97 -1.65	44.98 0.81 -1.59	43.58 0.78 -1.56	43.31 0.82 -1.54	42.29 0.83 0.00	50.98 1.31 -1.15	56.74 1.74 -0.61	62.28 2.28 0.00	57.46 1.94 0.00	47.11 1.50 0.01	41.72 1.18 0.00	41.25 1.16 0.00
JERICHO_RISE_WT_PWR 323719	38.38 -0.04 0.00	36.82 -0.18 0.00	34.95 -0.42 0.00	34.00 -0.55 0.00	35.57 -0.65 0.00	40.41 -0.99 0.00	50.51 -1.40 0.00	57.26 -1.71 0.00	52.61 -1.63 0.00	48.58 -1.55 0.00	48.59 -1.40 0.00	47.38 -1.42 0.00	42.96 -1.24 0.00	41.56 -1.02 0.00	40.49 -0.74 0.00	40.34 -0.61 0.00	41.09 -0.37 0.00	48.23 -0.29 0.00	54.01 -0.38 0.00	58.98 -1.02 0.00	54.62 -0.89 0.00	44.47 -1.14 0.00	39.21 -1.34 0.00	38.80 -1.28 0.00
KATONAH___115KV_46KV_TB4 355592	40.23 1.81 0.00	38.85 1.85 0.00	37.18 1.80 0.00	36.35 1.80 0.00	38.07 1.85 0.00	43.47 2.07 0.00	55.08 3.17 0.00	63.10 4.13 0.00	58.03 3.80 0.00	53.70 3.56 0.00	53.64 3.65 0.00	52.41 3.61 0.00	47.56 3.36 0.00	45.82 3.24 0.00	44.24 3.01 0.00	43.86 2.91 0.00	44.41 2.94 0.00	51.87 3.35 0.00	58.03 3.64 0.00	64.08 4.08 0.00	59.18 3.66 0.00	48.57 2.96 0.00	42.98 2.43 0.00	42.29 2.20 0.00
KCE_NY_1 323755	40.26 1.84 0.00	38.74 1.74 0.00	37.07 1.70 0.00	36.24 1.69 0.00	37.89 1.67 0.00	43.43 2.03 0.00	54.30 2.39 0.00	62.03 3.06 0.00	57.27 3.04 0.00	52.85 2.71 0.00	52.59 2.60 0.00	51.43 2.63 0.00	46.59 2.39 0.00	44.84 2.26 0.00	43.29 2.06 0.00	43.00 2.05 0.00	43.45 1.99 0.00	50.75 2.23 0.00	57.11 2.72 0.00	63.06 3.06 0.00	58.51 3.00 0.00	47.93 2.32 0.00	42.85 2.31 0.00	42.37 2.28 0.00
KCE_NY_6_ESR 323823	35.65 -2.77 0.00	34.19 -2.81 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.92 -2.48 0.00	48.07 -3.84 0.00	53.84 -5.13 0.00	49.78 -4.45 0.01	38.86 -4.11 7.17	39.78 -4.15 6.07	37.70 -4.15 6.95	34.00 -3.85 6.36	32.61 -3.83 6.14	31.48 -3.71 6.04	31.53 -3.48 5.94	33.78 -4.11 3.57	37.96 -4.66 5.90	46.29 -5.55 2.55	54.58 -5.40 0.02	50.00 -5.50 0.02	41.19 -4.38 0.03	36.97 -3.57 0.00	37.24 -2.85 0.00
KEDC_PORT_JEFF_GT2 24210	41.12 2.69 -0.01	39.86 2.85 -0.01	38.21 2.83 -0.01	37.42 2.87 -0.01	39.24 3.01 -0.01	51.80 3.43 -6.96	56.06 4.15 0.00	63.57 4.60 0.00	58.36 4.12 0.00	54.10 3.96 0.00	54.40 4.40 -0.01	54.15 4.49 -0.86	51.77 4.20 -3.37	51.73 4.05 -5.09	45.27 3.71 -0.33	44.60 3.64 -0.01	51.76 3.81 -6.49	52.75 4.22 -0.01	58.79 4.40 0.00	65.22 5.22 0.00	60.01 4.49 0.00	51.01 4.06 -1.35	48.76 3.65 -4.56	44.03 3.41 -0.54
KEDC_PORT_JEFF_GT3 24211	41.12 2.69 -0.01	39.86 2.85 -0.01	38.21 2.83 -0.01	37.42 2.87 -0.01	39.24 3.01 -0.01	51.80 3.43 -6.96	56.06 4.15 0.00	63.57 4.60 0.00	58.36 4.12 0.00	54.10 3.96 0.00	54.40 4.40 -0.01	54.15 4.49 -0.86	51.77 4.20 -3.37	51.73 4.05 -5.09	45.27 3.71 -0.33	44.60 3.64 -0.01	51.76 3.81 -6.49	52.75 4.22 -0.01	58.79 4.40 0.00	65.22 5.22 0.00	60.01 4.49 0.00	51.01 4.06 -1.35	48.76 3.65 -4.56	44.03 3.41 -0.54
KEDC_GLWD_GT4 24219	40.73 2.31 -0.01	39.31 2.30 -0.01	37.65 2.27 -0.01	36.84 2.28 -0.01	38.62 2.39 -0.01	51.10 2.73 -6.96	55.54 3.63 0.00	63.51 4.54 0.00	58.41 4.18 0.00	54.15 4.01 0.00	54.30 4.30 -0.01	54.10 4.44 -0.86	51.68 4.11 -3.37	51.68 4.00 -5.10	45.22 3.67 -0.33	44.48 3.52 -0.01	51.60 3.65 -6.49	52.51 3.98 -0.01	58.63 4.25 0.00	64.74 4.74 0.00	59.73 4.22 0.00	50.70 3.74 -1.35	48.27 3.16 -4.56	43.43 2.81 -0.54
KEDC_GLWD_GT5 24220	40.73 2.31 -0.01	39.31 2.30 -0.01	37.65 2.27 -0.01	36.84 2.28 -0.01	38.62 2.39 -0.01	51.10 2.73 -6.96	55.54 3.63 0.00	63.51 4.54 0.00	58.41 4.18 0.00	54.15 4.01 0.00	54.30 4.30 -0.01	54.10 4.44 -0.86	51.68 4.11 -3.37	51.68 4.00 -5.10	45.22 3.67 -0.33	44.48 3.52 -0.01	51.60 3.65 -6.49	52.51 3.98 -0.01	58.63 4.25 0.00	64.74 4.74 0.00	59.73 4.22 0.00	50.70 3.74 -1.35	48.27 3.16 -4.56	43.43 2.81 -0.54

KENSICO____ 23655	39.99 1.58 0.00	38.63 1.63 0.00	36.96 1.59 0.00	36.14 1.59 0.00	37.86 1.63 0.00	43.26 1.86 0.00	54.71 2.80 0.00	62.63 3.66 0.00	57.60 3.36 0.00	53.30 3.16 0.00	53.19 3.20 0.00	52.07 3.27 0.00	47.25 3.05 0.00	45.52 2.94 0.00	44.03 2.80 0.00	43.53 2.58 0.00	44.11 2.65 0.00	51.48 2.96 0.00	57.60 3.21 0.00	63.60 3.60 0.00	58.79 3.28 0.00	48.30 2.69 0.00	42.73 2.19 0.00	42.05 1.96 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.92 1.50 0.00	38.52 1.52 0.00	36.82 1.45 0.00	35.97 1.42 0.00	37.71 1.49 0.00	43.14 1.74 0.00	54.51 2.60 0.00	62.39 3.42 0.00	57.27 3.04 0.00	52.85 2.71 0.00	52.79 2.80 0.00	51.53 2.73 0.00	46.72 2.52 0.00	44.97 2.38 0.00	43.50 2.27 0.00	43.04 2.09 0.00	43.66 2.20 0.00	51.09 2.57 0.00	57.49 3.10 0.00	63.60 3.60 0.00	58.62 3.11 0.00	48.02 2.42 0.00	42.57 2.03 0.00	41.89 1.80 0.00
KIAC_JFK_GT1 23816	39.88 1.46 0.00	38.48 1.48 0.00	36.89 1.52 0.00	36.04 1.49 0.00	37.71 1.49 0.00	43.14 1.74 0.00	54.76 2.86 0.00	62.86 3.89 0.00	57.82 3.58 0.00	53.50 3.36 0.00	53.34 3.35 0.00	52.27 3.46 0.00	47.43 3.23 0.00	45.73 3.15 0.00	44.24 3.01 0.00	43.69 2.74 0.00	44.28 2.82 0.00	51.67 3.15 0.00	57.82 3.43 0.00	63.78 3.78 0.00	59.01 3.50 0.00	48.43 2.83 0.00	42.77 2.23 0.00	41.97 1.88 0.00
KIAC_JFK_GT2 23817	39.88 1.46 0.00	38.48 1.48 0.00	36.89 1.52 0.00	36.04 1.49 0.00	37.71 1.49 0.00	43.14 1.74 0.00	54.76 2.86 0.00	62.86 3.89 0.00	57.82 3.58 0.00	53.50 3.36 0.00	53.34 3.35 0.00	52.27 3.46 0.00	47.43 3.23 0.00	45.73 3.15 0.00	44.24 3.01 0.00	43.69 2.74 0.00	44.28 2.82 0.00	51.67 3.15 0.00	57.82 3.43 0.00	63.78 3.78 0.00	59.01 3.50 0.00	48.43 2.83 0.00	42.77 2.23 0.00	41.97 1.88 0.00
KIAC_JFK____ 323774	39.88 1.46 0.00	38.48 1.48 0.00	36.89 1.52 0.00	36.00 1.45 0.00	37.71 1.49 0.00	43.14 1.74 0.00	54.76 2.85 0.00	62.86 3.89 0.00	57.82 3.58 0.00	53.50 3.36 0.00	53.34 3.35 0.00	52.22 3.41 0.00	47.43 3.22 0.00	45.73 3.15 0.00	44.15 2.93 0.00	43.69 2.74 0.00	44.28 2.82 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.43 2.83 0.00	42.81 2.27 0.00	41.97 1.88 0.00
KINTIGH____ 23543	35.54 -2.88 0.00	34.08 -2.92 0.00	32.58 -2.79 0.00	31.82 -2.73 0.00	33.58 -2.64 0.00	38.67 -2.73 0.00	47.71 -4.20 0.00	53.60 -5.37 0.00	49.51 -4.72 0.01	40.41 -3.66 6.07	41.21 -3.65 5.14	38.92 -4.00 5.88	34.89 -3.93 5.38	33.51 -3.88 5.20	32.20 -3.92 5.11	32.36 -3.56 5.03	34.85 -3.32 3.30	39.68 -3.78 5.06	47.51 -4.73 2.15	54.70 -5.28 0.02	50.94 -4.55 0.02	41.51 -4.06 0.04	37.18 -3.37 0.00	37.04 -3.05 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.88 0.46 0.00	37.19 0.19 0.00	35.20 -0.18 0.00	34.17 -0.38 0.00	35.72 -0.51 0.00	40.45 -0.95 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.55 -1.68 0.00	48.64 -1.50 0.00	48.69 -1.30 0.00	47.48 -1.32 0.00	43.14 -1.06 0.00	41.82 -0.77 0.00	40.77 -0.45 0.00	40.75 -0.20 0.00	41.59 0.12 0.00	48.96 0.44 0.00	54.82 0.44 0.00	59.40 -0.60 0.00	55.35 -0.17 0.00	44.88 -0.73 0.00	39.33 -1.22 0.00	38.88 -1.20 0.00
LACHUTE____HYDRO 323717	41.42 3.00 0.00	39.74 2.74 0.00	38.10 2.72 0.00	37.25 2.70 0.00	38.80 2.57 0.00	44.75 3.35 0.00	55.54 3.63 0.00	63.63 4.66 0.00	58.84 4.61 0.00	54.25 4.11 0.00	53.79 3.80 0.00	52.51 3.71 0.00	47.47 3.27 0.00	45.56 2.98 0.00	43.95 2.72 0.00	43.74 2.79 0.00	44.20 2.74 0.00	51.63 3.11 0.00	58.36 3.97 0.00	64.56 4.56 0.00	60.18 4.66 0.00	49.03 3.42 0.00	44.19 3.65 0.00	43.73 3.65 0.00
LAWRNCV_115KV_TB1 80681	37.96 -0.46 0.00	36.56 -0.44 0.00	34.84 -0.53 0.00	34.00 -0.55 0.00	35.65 -0.58 0.00	40.57 -0.83 0.00	50.92 -0.99 0.00	57.91 -1.06 0.00	53.04 -1.19 0.00	48.89 -1.25 0.00	48.79 -1.20 0.00	47.58 -1.22 0.00	43.05 -1.15 0.00	41.56 -1.02 0.00	40.36 -0.87 0.00	40.05 -0.90 0.00	40.55 -0.91 0.00	47.65 -0.87 0.00	53.41 -0.98 0.00	58.92 -1.08 0.00	54.57 -0.94 0.00	44.78 -0.82 0.00	39.65 -0.89 0.00	39.20 -0.88 0.00
LEDERLE____ 23769	39.88 1.46 0.00	38.48 1.48 0.00	36.82 1.45 0.00	35.97 1.42 0.00	37.71 1.49 0.00	43.10 1.70 0.00	54.56 2.65 0.00	62.45 3.48 0.00	57.38 3.15 0.00	53.10 2.96 0.00	53.04 3.05 0.00	51.88 3.07 0.00	47.07 2.87 0.00	45.35 2.77 0.00	43.87 2.64 0.00	43.37 2.42 0.00	43.95 2.49 0.00	51.28 2.77 0.00	57.49 3.10 0.00	63.42 3.42 0.00	58.62 3.11 0.00	48.11 2.51 0.00	42.61 2.07 0.00	41.93 1.84 0.00
LIGHTHSE_115KV_TB6 355974	37.84 -0.58 0.00	36.41 -0.59 0.00	34.77 -0.60 0.00	34.00 -0.55 0.00	35.68 -0.54 0.00	40.82 -0.58 0.00	51.34 -0.57 0.00	58.44 -0.53 0.00	53.59 -0.65 0.00	49.44 -0.70 0.00	49.14 -0.85 0.00	47.78 -1.02 0.00	43.14 -1.06 0.00	41.48 -1.11 0.00	40.20 -1.03 0.00	40.01 -0.94 0.00	40.51 -0.95 0.00	47.65 -0.87 0.00	53.63 -0.76 0.00	59.34 -0.66 0.00	54.90 -0.61 0.00	45.10 -0.50 0.00	40.02 -0.53 0.00	39.49 -0.60 0.00
LINDEN COGEN____ 23786	39.84 1.42 0.00	38.48 1.48 0.00	36.89 1.52 0.00	36.04 1.48 0.00	37.75 1.52 0.00	43.14 1.74 0.00	54.71 2.80 0.00	62.69 3.72 0.00	57.60 3.36 0.00	53.25 3.11 0.00	53.20 3.20 0.00	52.07 3.27 0.00	47.25 3.05 0.00	45.56 2.98 0.00	43.95 2.72 0.00	43.53 2.58 0.00	44.12 2.66 0.00	51.48 2.96 0.00	57.54 3.15 0.00	63.42 3.42 0.00	58.73 3.22 0.00	48.25 2.64 0.00	42.49 1.95 0.00	41.89 1.81 0.00
LINDHRST_69_KV_BK1 356055	41.03 2.61 0.00	39.67 2.66 0.00	37.95 2.58 0.00	37.18 2.63 0.00	39.01 2.79 0.00	51.55 3.19 -6.96	56.06 4.15 0.00	63.81 4.84 0.00	58.63 4.39 0.00	54.30 4.16 0.00	54.54 4.55 0.00	54.34 4.68 -0.85	51.85 4.29 -3.36	51.84 4.17 -5.09	45.54 4.00 -0.32	44.68 3.73 0.00	51.79 3.86 -6.48	52.74 4.22 0.00	58.96 4.57 0.00	65.34 5.34 0.00	60.18 4.66 0.00	51.05 4.10 -1.34	48.59 3.49 -4.56	43.86 3.25 -0.53
LIPA_MISC_IPP 23656	40.84 2.42 0.00	39.74 2.74 0.00	38.02 2.65 0.00	37.25 2.69 0.00	39.09 2.86 0.00	51.63 3.27 -6.96	56.06 4.15 0.00	62.98 4.01 0.00	57.82 3.58 0.00	53.55 3.41 0.00	53.84 3.85 0.00	53.66 4.00 -0.85	51.23 3.67 -3.36	51.16 3.49 -5.09	44.93 3.38 -0.32	44.06 3.11 0.00	51.21 3.28 -6.48	52.01 3.49 0.00	58.20 3.81 0.00	64.68 4.68 0.00	59.51 4.00 0.00	50.46 3.51 -1.34	48.34 3.24 -4.56	43.78 3.17 -0.53
LISF____SOLAR 323691	40.92 2.50 -0.01	39.79 2.78 -0.01	38.14 2.76 -0.01	37.36 2.80 -0.01	39.13 2.90 -0.01	51.72 3.35 -6.96	55.91 4.00 0.00	63.04 4.07 0.00	57.93 3.69 0.00	53.65 3.51 0.00	53.90 3.90 -0.01	53.66 4.00 -0.86	51.23 3.67 -3.37	51.21 3.53 -5.09	44.77 3.22 -0.33	44.11 3.15 -0.01	51.27 3.32 -6.49	52.17 3.64 -0.01	58.25 3.86 0.00	64.80 4.80 0.00	59.62 4.11 0.00	50.51 3.56 -1.35	48.47 3.36 -4.56	43.87 3.25 -0.54

LITTLE FALLS___HYD 24013	37.65 -0.77 0.00	36.12 -0.89 0.00	34.49 -0.88 0.00	33.72 -0.83 0.00	35.39 -0.83 0.00	40.45 -0.95 0.00	50.82 -1.09 0.00	57.91 -1.06 0.00	53.26 -0.98 0.00	49.29 -0.85 0.00	49.29 -0.70 0.00	48.21 -0.59 0.00	43.71 -0.49 0.00	42.20 -0.38 0.00	40.94 -0.29 0.00	40.70 -0.25 0.00	41.17 -0.29 0.00	48.08 -0.44 0.00	53.90 -0.49 0.00	59.40 -0.60 0.00	54.79 -0.72 0.00	45.01 -0.59 0.00	39.93 -0.61 0.00	39.41 -0.68 0.00
LITTLRIV_115KV_TB1 356100	38.46 0.04 0.00	37.04 0.04 0.00	35.27 -0.11 0.00	34.41 -0.14 0.00	36.08 -0.14 0.00	41.07 -0.33 0.00	51.65 -0.26 0.00	58.73 -0.24 0.00	53.64 -0.60 0.00	49.39 -0.75 0.00	49.19 -0.80 0.00	47.97 -0.83 0.00	43.41 -0.80 0.00	41.86 -0.72 0.00	40.65 -0.58 0.00	40.34 -0.61 0.00	40.88 -0.58 0.00	48.08 -0.44 0.00	54.06 -0.33 0.00	59.70 -0.30 0.00	55.29 -0.22 0.00	45.33 -0.27 0.00	40.10 -0.45 0.00	39.61 -0.48 0.00
LI_NEWBRDGE___DRP 323616	40.38 1.96 0.00	39.04 2.04 0.00	37.35 1.98 0.00	36.55 2.00 0.00	38.33 2.10 0.00	50.76 2.40 -6.96	55.18 3.27 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.60 3.46 0.00	53.74 3.75 0.00	53.51 3.86 -0.85	51.14 3.58 -3.36	51.12 3.45 -5.09	44.89 3.34 -0.32	44.02 3.07 0.00	51.09 3.15 -6.48	51.92 3.40 0.00	58.03 3.64 0.00	64.20 4.20 0.00	59.23 3.72 0.00	50.23 3.28 -1.34	47.82 2.72 -4.56	43.10 2.49 -0.53
LOCKPORT_115KV_TB60_63_64 80432	35.04 -3.38 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.11 -3.12 0.00	38.21 -3.19 0.00	47.03 -4.88 0.00	52.72 -6.25 0.00	48.75 -5.48 0.01	37.43 -4.61 8.10	38.49 -4.65 6.85	36.08 -4.88 7.84	32.34 -4.69 7.18	31.01 -4.64 6.93	29.85 -4.58 6.80	29.94 -4.30 6.71	32.30 -4.35 4.81	36.62 -4.95 6.95	45.50 -5.98 2.90	53.73 -6.24 0.03	49.77 -5.72 0.03	40.64 -4.93 0.04	36.61 -3.93 0.00	36.56 -3.53 0.00
LOCKPORT___CC1 323769	35.04 -3.38 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.11 -3.12 0.00	38.21 -3.19 0.00	47.03 -4.88 0.00	52.72 -6.25 0.00	48.75 -5.48 0.01	36.34 -4.66 9.13	37.61 -4.65 7.73	35.02 -4.93 8.85	31.46 -4.64 8.10	30.12 -4.64 7.83	29.49 -4.08 7.66	29.12 -4.26 7.57	31.39 -4.35 5.72	35.65 -4.90 7.97	45.12 -5.98 3.29	53.66 -6.30 0.04	49.70 -5.77 0.04	40.64 -4.93 0.04	36.29 -4.26 0.00	36.52 -3.57 0.00
LOCKPORT___CC2 323770	35.04 -3.38 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.11 -3.12 0.00	38.21 -3.19 0.00	47.03 -4.88 0.00	52.72 -6.25 0.00	48.75 -5.48 0.01	36.34 -4.66 9.13	37.61 -4.65 7.73	35.02 -4.93 8.85	31.46 -4.64 8.10	30.12 -4.64 7.83	29.49 -4.08 7.66	29.12 -4.26 7.57	31.39 -4.35 5.72	35.65 -4.90 7.97	45.12 -5.98 3.29	53.66 -6.30 0.04	49.70 -5.77 0.04	40.64 -4.93 0.04	36.29 -4.26 0.00	36.52 -3.57 0.00
LOCKPORT___CC3 323771	35.04 -3.38 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.11 -3.12 0.00	38.21 -3.19 0.00	47.03 -4.88 0.00	52.72 -6.25 0.00	48.75 -5.48 0.01	36.34 -4.66 9.13	37.61 -4.65 7.73	35.02 -4.93 8.85	31.46 -4.64 8.10	30.12 -4.64 7.83	29.49 -4.08 7.66	29.12 -4.26 7.57	31.39 -4.35 5.72	35.65 -4.90 7.97	45.12 -5.98 3.29	53.66 -6.30 0.04	49.70 -5.77 0.04	40.64 -4.93 0.04	36.29 -4.26 0.00	36.52 -3.57 0.00
LONG_LAKE_PHOENIX 24014	37.57 -0.85 0.00	36.19 -0.81 0.00	34.63 -0.74 0.00	33.83 -0.73 0.00	35.50 -0.72 0.00	40.62 -0.79 0.00	50.87 -1.04 0.00	57.73 -1.24 0.00	53.15 -1.08 0.00	49.14 -1.00 0.00	48.89 -1.10 0.00	47.63 -1.17 0.00	43.05 -1.15 0.00	41.43 -1.15 0.00	40.03 -1.20 0.00	39.89 -1.06 0.00	40.38 -1.08 0.00	47.35 -1.16 0.00	53.08 -1.31 0.00	58.68 -1.32 0.00	54.29 -1.22 0.00	44.65 -0.96 0.00	39.73 -0.81 0.00	39.33 -0.76 0.00
LOVETT___3 23632	39.73 1.31 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.60 1.38 0.00	42.97 1.57 0.00	54.35 2.44 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.85 2.65 0.00	45.14 2.56 0.00	43.66 2.43 0.00	43.20 2.25 0.00	43.74 2.28 0.00	51.04 2.52 0.00	57.16 2.77 0.00	63.12 3.12 0.00	58.35 2.83 0.00	47.93 2.33 0.00	42.45 1.91 0.00	41.77 1.68 0.00
LOVETT___4 23642	39.73 1.31 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.60 1.38 0.00	42.97 1.57 0.00	54.35 2.44 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.85 2.65 0.00	45.14 2.56 0.00	43.66 2.43 0.00	43.20 2.25 0.00	43.74 2.28 0.00	51.04 2.52 0.00	57.16 2.77 0.00	63.12 3.12 0.00	58.35 2.83 0.00	47.93 2.33 0.00	42.45 1.91 0.00	41.77 1.68 0.00
LOVETT___5 23593	39.73 1.31 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.60 1.38 0.00	42.97 1.57 0.00	54.35 2.44 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.85 2.65 0.00	45.14 2.56 0.00	43.66 2.43 0.00	43.20 2.25 0.00	43.74 2.28 0.00	51.04 2.52 0.00	57.16 2.77 0.00	63.12 3.12 0.00	58.35 2.83 0.00	47.93 2.33 0.00	42.45 1.91 0.00	41.77 1.68 0.00
LOWER RAQUET___HYD 24057	37.84 -0.58 0.00	36.45 -0.55 0.00	34.70 -0.67 0.00	33.86 -0.69 0.00	35.50 -0.72 0.00	40.41 -0.99 0.00	50.77 -1.14 0.00	57.67 -1.30 0.00	52.83 -1.41 0.00	48.64 -1.50 0.00	48.54 -1.45 0.00	47.34 -1.46 0.00	42.83 -1.37 0.00	41.31 -1.28 0.00	40.12 -1.11 0.00	39.85 -1.10 0.00	40.34 -1.12 0.00	47.41 -1.11 0.00	53.19 -1.20 0.00	58.68 -1.32 0.00	54.35 -1.17 0.00	44.65 -0.96 0.00	39.45 -1.09 0.00	39.01 -1.08 0.00
LOWER___HUDSON 24059	39.84 1.42 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.57 1.34 0.00	42.97 1.57 0.00	53.93 2.02 0.00	61.56 2.59 0.00	56.73 2.50 0.00	52.34 2.20 0.00	52.14 2.15 0.00	51.05 2.25 0.00	46.32 2.12 0.00	44.59 2.00 0.00	43.08 1.86 0.00	42.80 1.84 0.00	43.24 1.78 0.00	50.46 1.94 0.00	56.78 2.39 0.00	62.63 2.64 0.00	58.02 2.50 0.00	47.61 2.00 0.00	42.37 1.83 0.00	41.89 1.81 0.00
LOWVILLE_115KV_TB2 356335	38.34 -0.08 0.00	36.89 -0.11 0.00	35.20 -0.18 0.00	34.41 -0.14 0.00	36.08 -0.14 0.00	41.24 -0.17 0.00	52.07 0.16 0.00	59.44 0.47 0.00	54.34 0.11 0.00	49.94 -0.20 0.00	49.64 -0.35 0.00	48.26 -0.54 0.00	43.58 -0.62 0.00	41.90 -0.68 0.00	41.02 -0.21 0.00	40.83 -0.12 0.00	40.92 -0.54 0.00	48.33 -0.19 0.00	54.50 0.11 0.00	60.42 0.42 0.00	55.85 0.33 0.00	45.74 0.14 0.00	40.42 -0.12 0.00	39.85 -0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.23 1.81 0.00	38.71 1.70 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.86 1.63 0.00	43.43 2.03 0.00	54.25 2.34 0.00	62.04 3.07 0.00	57.22 2.98 0.00	52.80 2.66 0.00	52.54 2.55 0.00	51.39 2.59 0.00	46.59 2.39 0.00	44.80 2.21 0.00	43.33 2.10 0.00	42.96 2.01 0.00	43.45 1.99 0.00	50.75 2.23 0.00	57.11 2.72 0.00	63.06 3.06 0.00	58.46 2.94 0.00	47.89 2.28 0.00	42.81 2.27 0.00	42.33 2.24 0.00

LUTHERNY_35_KV_BK2 355980	40.26 1.84 0.00	38.74 1.74 0.00	37.07 1.70 0.00	36.24 1.69 0.00	37.89 1.67 0.00	43.43 2.03 0.00	54.30 2.39 0.00	62.04 3.07 0.00	57.27 3.04 0.00	52.85 2.71 0.00	52.59 2.60 0.00	51.39 2.59 0.00	46.59 2.39 0.00	44.84 2.26 0.00	43.37 2.14 0.00	43.00 2.05 0.00	43.45 1.99 0.00	50.75 2.23 0.00	57.11 2.72 0.00	63.06 3.06 0.00	58.51 3.00 0.00	47.93 2.33 0.00	42.81 2.27 0.00	42.37 2.28 0.00
LWR___OSWEGATCHIE_HYD 23850	37.73 -0.69 0.00	36.30 -0.70 0.00	34.59 -0.78 0.00	33.79 -0.76 0.00	35.46 -0.76 0.00	40.41 -0.99 0.00	50.92 -0.99 0.00	58.09 -0.88 0.00	53.10 -1.14 0.00	48.84 -1.30 0.00	48.64 -1.35 0.00	47.34 -1.46 0.00	42.74 -1.46 0.00	41.18 -1.41 0.00	40.11 -1.11 0.00	39.89 -1.06 0.00	40.22 -1.24 0.00	47.40 -1.12 0.00	53.36 -1.03 0.00	59.04 -0.96 0.00	54.63 -0.89 0.00	44.83 -0.78 0.00	39.57 -0.97 0.00	39.04 -1.04 0.00
LYONS_FALL_HYD 23570	38.65 0.23 0.00	37.19 0.19 0.00	35.48 0.11 0.00	34.69 0.14 0.00	36.37 0.15 0.00	41.57 0.17 0.00	52.38 0.47 0.00	59.86 0.89 0.00	54.78 0.54 0.00	50.44 0.30 0.00	50.20 0.20 0.00	48.85 0.05 0.00	44.11 -0.09 0.00	42.41 -0.17 0.00	41.35 0.12 0.00	41.16 0.21 0.00	41.42 -0.04 0.00	48.76 0.24 0.00	54.93 0.54 0.00	60.78 0.78 0.00	56.18 0.67 0.00	46.06 0.46 0.00	40.75 0.20 0.00	40.17 0.08 0.00
MADISON___COUNTY_LFGE 323628	39.15 0.73 0.00	37.67 0.67 0.00	35.97 0.60 0.00	35.21 0.66 0.00	36.91 0.69 0.00	42.23 0.83 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.54 1.30 0.00	51.19 1.05 0.00	50.94 0.95 0.00	49.58 0.78 0.00	44.82 0.62 0.00	43.09 0.51 0.00	41.80 0.58 0.00	41.56 0.61 0.00	42.04 0.58 0.00	49.44 0.92 0.00	55.59 1.20 0.00	61.50 1.50 0.00	56.85 1.33 0.00	46.65 1.05 0.00	41.35 0.81 0.00	40.81 0.72 0.00
MALONE___115KV_TB1 356076	38.61 0.19 0.00	37.08 0.07 0.00	35.23 -0.14 0.00	34.31 -0.24 0.00	35.94 -0.29 0.00	40.82 -0.58 0.00	51.13 -0.78 0.00	58.03 -0.94 0.00	53.31 -0.92 0.00	49.19 -0.95 0.00	49.14 -0.85 0.00	47.87 -0.93 0.00	43.41 -0.80 0.00	41.94 -0.64 0.00	40.82 -0.41 0.00	40.62 -0.33 0.00	41.34 -0.12 0.00	48.57 0.05 0.00	54.39 0.00 0.00	59.58 -0.42 0.00	55.24 -0.28 0.00	45.06 -0.55 0.00	39.69 -0.85 0.00	39.24 -0.84 0.00
MAPLEWOD_115KV_TB3 80458	39.53 1.11 0.00	38.08 1.07 0.00	36.43 1.06 0.00	35.62 1.07 0.00	37.28 1.05 0.00	42.64 1.24 0.00	53.57 1.66 0.00	61.15 2.18 0.00	56.35 2.12 0.00	52.04 1.91 0.00	51.84 1.85 0.00	50.75 1.95 0.00	46.01 1.81 0.00	44.33 1.75 0.00	42.88 1.65 0.00	42.55 1.60 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.40 2.01 0.00	62.22 2.22 0.00	57.62 2.11 0.00	47.34 1.73 0.00	42.00 1.46 0.00	41.57 1.48 0.00
MAPLE_RIDGE_WT_1 323574	37.69 -0.73 0.00	36.15 -0.85 0.00	34.49 -0.88 0.00	33.62 -0.93 0.00	35.21 -1.01 0.00	40.20 -1.20 0.00	50.46 -1.45 0.00	57.32 -1.65 0.00	52.66 -1.57 0.00	48.74 -1.40 0.00	48.65 -1.35 0.00	47.58 -1.22 0.00	43.19 -1.01 0.00	41.73 -0.85 0.00	40.57 -0.66 0.00	40.46 -0.49 0.00	40.97 -0.50 0.00	47.89 -0.63 0.00	53.58 -0.81 0.00	58.86 -1.14 0.00	54.35 -1.17 0.00	44.56 -1.05 0.00	39.57 -0.97 0.00	39.12 -0.96 0.00
MAPLE_RIDGE_WT_2 323611	37.69 -0.73 0.00	36.15 -0.85 0.00	34.49 -0.88 0.00	33.62 -0.93 0.00	35.21 -1.01 0.00	40.20 -1.20 0.00	50.46 -1.45 0.00	57.32 -1.65 0.00	52.66 -1.57 0.00	48.74 -1.40 0.00	48.65 -1.35 0.00	47.58 -1.22 0.00	43.19 -1.01 0.00	41.73 -0.85 0.00	40.57 -0.66 0.00	40.46 -0.49 0.00	40.97 -0.50 0.00	47.89 -0.63 0.00	53.58 -0.81 0.00	58.86 -1.14 0.00	54.35 -1.17 0.00	44.56 -1.05 0.00	39.57 -0.97 0.00	39.12 -0.96 0.00
MARBLE_RIVER_WT_PWR 323696	38.57 0.15 0.00	36.75 -0.26 0.00	34.70 -0.67 0.00	33.58 -0.97 0.00	35.03 -1.19 0.00	39.54 -1.86 0.00	49.11 -2.80 0.00	55.55 -3.42 0.00	51.25 -2.98 0.00	47.53 -2.61 0.00	47.60 -2.40 0.00	46.46 -2.34 0.00	42.35 -1.85 0.00	41.14 -1.45 0.00	40.20 -1.03 0.00	40.29 -0.66 0.00	41.21 -0.25 0.00	48.57 0.05 0.00	54.39 0.00 0.00	58.68 -1.32 0.00	54.57 -0.94 0.00	44.06 -1.55 0.00	38.48 -2.07 0.00	38.04 -2.04 0.00
MARSHVLE_115KV_TB1 80742	40.65 2.23 0.00	39.08 2.07 0.00	37.39 2.02 0.00	36.55 2.00 0.00	38.22 1.99 0.00	43.93 2.53 0.00	55.44 3.53 0.00	63.16 4.19 0.00	57.82 3.58 0.00	52.95 2.81 0.00	52.44 2.45 0.00	50.85 2.05 0.00	46.19 1.99 0.00	44.46 1.87 0.00	42.92 1.69 0.00	42.83 1.88 0.00	43.58 2.11 0.00	51.38 2.86 0.00	58.20 3.81 0.00	64.44 4.44 0.00	59.79 4.27 0.00	48.84 3.24 0.00	43.22 2.68 0.00	42.73 2.65 0.00
MARSH_HILL_WT_PWR 323713	36.07 -2.34 0.00	34.60 -2.40 0.00	32.86 -2.51 0.00	31.82 -2.73 0.00	33.40 -2.83 0.00	38.55 -2.86 0.00	48.64 -3.27 0.00	55.37 -3.60 0.00	51.45 -2.82 0.00	58.96 -3.01 -11.82	56.99 -3.15 -10.15	57.04 -3.37 -11.60	51.64 -3.18 -10.62	49.61 -3.24 -10.27	47.66 -3.30 -9.73	47.77 -3.11 -9.94	57.00 -3.52 -19.06	59.55 -3.83 -14.86	54.78 -4.24 -4.63	55.98 -4.14 -0.12	51.53 -4.11 -0.12	42.12 -3.47 0.02	37.50 -3.04 0.00	37.64 -2.45 0.00
MCINTYRE_115KV_TB2 80467	38.88 0.46 0.00	37.45 0.44 0.00	35.65 0.28 0.00	34.83 0.28 0.00	36.52 0.29 0.00	41.57 0.17 0.00	52.22 0.31 0.00	59.38 0.41 0.00	54.24 0.00 0.00	49.84 -0.30 0.00	49.64 -0.35 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.20 -0.38 0.00	40.98 -0.25 0.00	40.70 -0.25 0.00	41.25 -0.21 0.00	48.57 0.05 0.00	54.61 0.22 0.00	60.36 0.36 0.00	55.90 0.39 0.00	45.83 0.23 0.00	40.54 0.00 0.00	40.05 -0.04 0.00
MECO_____69_KV_BK1 80468	41.11 2.69 0.00	39.52 2.52 0.00	37.85 2.48 0.00	36.97 2.42 0.00	38.62 2.39 0.00	44.47 3.06 0.00	56.11 4.20 0.00	64.04 5.07 0.00	58.79 4.56 0.00	53.85 3.71 0.00	53.34 3.35 0.00	51.83 3.03 0.00	46.99 2.78 0.00	45.22 2.64 0.00	43.70 2.47 0.00	43.53 2.58 0.00	44.20 2.74 0.00	52.01 3.49 0.00	58.85 4.46 0.00	65.16 5.16 0.00	60.51 5.00 0.00	49.39 3.79 0.00	43.79 3.24 0.00	43.29 3.21 0.00
MENANDS___115KV_TB5 355628	39.42 1.00 0.00	37.97 0.96 0.00	36.33 0.96 0.00	35.48 0.93 0.00	37.17 0.94 0.00	42.48 1.08 0.00	53.36 1.45 0.00	60.92 1.95 0.00	56.13 1.90 0.00	51.84 1.70 0.00	51.64 1.65 0.00	50.61 1.81 0.00	45.88 1.68 0.00	44.20 1.62 0.00	42.75 1.53 0.00	42.38 1.43 0.00	42.87 1.41 0.00	50.02 1.50 0.00	56.18 1.79 0.00	61.98 1.98 0.00	57.40 1.89 0.00	47.11 1.50 0.00	41.80 1.26 0.00	41.41 1.32 0.00
MG INDUSTRY___DRP 24185	39.42 1.00 0.00	37.97 0.96 0.00	36.33 0.96 0.00	35.52 0.97 0.00	37.17 0.94 0.00	42.52 1.12 0.00	53.36 1.45 0.00	60.86 1.89 0.00	56.03 1.79 0.00	51.74 1.60 0.00	51.49 1.50 0.00	50.36 1.56 0.00	45.66 1.46 0.00	43.95 1.36 0.00	42.51 1.28 0.00	42.18 1.23 0.00	42.66 1.20 0.00	49.83 1.31 0.00	55.97 1.58 0.00	61.80 1.80 0.00	57.18 1.67 0.00	47.02 1.41 0.00	41.76 1.22 0.00	41.33 1.24 0.00

MID___OSWEGATCHIE_HYD 23849	37.73 -0.69 0.00	36.30 -0.70 0.00	34.59 -0.78 0.00	33.79 -0.76 0.00	35.46 -0.76 0.00	40.41 -0.99 0.00	50.92 -0.99 0.00	58.09 -0.88 0.00	53.10 -1.14 0.00	48.84 -1.30 0.00	48.64 -1.35 0.00	47.34 -1.46 0.00	42.74 -1.46 0.00	41.18 -1.41 0.00	40.11 -1.11 0.00	39.89 -1.06 0.00	40.22 -1.24 0.00	47.40 -1.12 0.00	53.36 -1.03 0.00	59.04 -0.96 0.00	54.63 -0.89 0.00	44.83 -0.78 0.00	39.57 -0.97 0.00	39.04 -1.04 0.00
MID___RAQUETTE_HYD 23851	37.84 -0.58 0.00	36.45 -0.56 0.00	34.70 -0.67 0.00	33.86 -0.69 0.00	35.50 -0.72 0.00	40.41 -0.99 0.00	50.77 -1.14 0.00	57.67 -1.30 0.00	52.83 -1.41 0.00	48.64 -1.50 0.00	48.54 -1.45 0.00	47.34 -1.46 0.00	42.83 -1.37 0.00	41.31 -1.28 0.00	40.11 -1.11 0.00	39.84 -1.11 0.00	40.34 -1.12 0.00	47.40 -1.12 0.00	53.19 -1.20 0.00	58.68 -1.32 0.00	54.35 -1.17 0.00	44.65 -0.96 0.00	39.49 -1.05 0.00	39.00 -1.08 0.00
MILLIKEN___1 23584	38.73 0.31 0.00	37.26 0.26 0.00	35.62 0.25 0.00	34.79 0.24 0.00	36.55 0.33 0.00	41.90 0.50 0.00	52.64 0.73 0.00	59.80 0.83 0.00	55.05 0.81 0.00	61.70 0.55 -11.01	59.43 0.35 -9.08	59.35 0.15 -10.40	53.71 0.00 -9.51	51.69 -0.09 -9.19	50.15 -0.12 -9.04	49.84 0.00 -8.89	42.93 0.00 -1.47	57.01 0.29 -8.20	58.98 0.49 -4.10	60.85 0.84 -0.01	56.25 0.72 -0.01	46.10 0.50 0.00	40.99 0.45 0.00	40.57 0.48 0.00
MILLIKEN___2 23585	38.73 0.31 0.00	37.26 0.26 0.00	35.62 0.25 0.00	34.79 0.24 0.00	36.55 0.33 0.00	41.90 0.50 0.00	52.64 0.73 0.00	59.80 0.83 0.00	55.05 0.81 0.00	61.70 0.55 -11.01	59.43 0.35 -9.08	59.35 0.15 -10.40	53.71 0.00 -9.51	51.69 -0.09 -9.19	50.15 -0.12 -9.04	49.84 0.00 -8.89	42.93 0.00 -1.47	57.01 0.29 -8.20	58.98 0.49 -4.10	60.85 0.84 -0.01	56.25 0.72 -0.01	46.10 0.50 0.00	40.99 0.45 0.00	40.57 0.48 0.00
MILLIKEN___DIESEL 23629	38.73 0.31 0.00	37.26 0.26 0.00	35.62 0.25 0.00	34.79 0.24 0.00	36.55 0.33 0.00	41.90 0.50 0.00	52.64 0.73 0.00	59.80 0.83 0.00	55.05 0.81 0.00	61.70 0.55 -11.01	59.43 0.35 -9.08	59.35 0.15 -10.40	53.71 0.00 -9.51	51.69 -0.09 -9.19	50.15 -0.12 -9.04	49.84 0.00 -8.89	42.93 0.00 -1.47	57.01 0.29 -8.20	58.98 0.49 -4.10	60.85 0.84 -0.01	56.25 0.72 -0.01	46.10 0.50 0.00	40.99 0.45 0.00	40.57 0.48 0.00
MILLSEAT___LFGE 323607	35.92 -2.50 0.00	34.38 -2.63 0.00	32.86 -2.51 0.00	32.06 -2.49 0.00	33.91 -2.32 0.00	39.21 -2.20 0.00	48.48 -3.43 0.00	54.67 -4.30 0.00	50.43 -3.80 0.01	40.05 -3.16 6.93	40.93 -3.20 5.87	38.52 -3.56 6.72	34.52 -3.54 6.14	33.11 -3.53 5.94	32.34 -3.05 5.83	31.97 -3.24 5.74	34.32 -3.23 3.90	39.16 -3.49 5.86	47.67 -4.24 2.47	55.71 -4.26 0.02	51.66 -3.83 0.02	42.10 -3.47 0.04	37.54 -3.00 0.00	37.64 -2.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.88 1.46 0.00	38.52 1.52 0.00	36.86 1.49 0.00	36.00 1.45 0.00	37.75 1.52 0.00	43.14 1.74 0.00	54.56 2.65 0.00	62.39 3.42 0.00	57.38 3.15 0.00	53.05 2.91 0.00	52.99 3.00 0.00	51.83 3.03 0.00	47.03 2.83 0.00	45.35 2.77 0.00	43.87 2.64 0.00	43.37 2.42 0.00	43.95 2.49 0.00	51.28 2.77 0.00	57.44 3.05 0.00	63.36 3.36 0.00	58.62 3.11 0.00	48.11 2.51 0.00	42.61 2.07 0.00	41.93 1.84 0.00
MILLWOOD_13_KV_LOAD 356217	39.96 1.54 0.00	38.59 1.59 0.00	36.93 1.56 0.00	36.11 1.55 0.00	37.82 1.59 0.00	43.22 1.82 0.00	54.66 2.75 0.00	62.57 3.60 0.00	57.54 3.31 0.00	53.20 3.06 0.00	53.14 3.15 0.00	51.97 3.17 0.00	47.16 2.96 0.00	45.48 2.90 0.00	43.95 2.72 0.00	43.49 2.54 0.00	44.07 2.61 0.00	51.43 2.91 0.00	57.54 3.15 0.00	63.54 3.54 0.00	58.73 3.22 0.00	48.25 2.65 0.00	42.69 2.15 0.00	42.01 1.92 0.00
MODEL_CITY_ENERGY 24167	34.73 -3.69 0.00	33.30 -3.70 0.00	31.80 -3.57 0.00	31.03 -3.52 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.56 -5.35 0.00	52.13 -6.84 0.00	48.20 -6.02 0.01	37.08 -5.11 7.95	38.17 -5.10 6.73	35.78 -5.32 7.70	32.11 -5.04 7.05	30.75 -5.03 6.81	30.14 -4.41 6.68	29.73 -4.63 6.59	32.16 -4.69 4.62	36.44 -5.29 6.79	45.07 -6.47 2.85	53.13 -6.84 0.03	49.21 -6.27 0.03	40.23 -5.34 0.04	35.96 -4.58 0.00	36.20 -3.89 0.00
MODERN_LFGE___ 323580	34.73 -3.69 0.00	33.30 -3.70 0.00	31.80 -3.57 0.00	31.03 -3.52 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.56 -5.35 0.00	52.13 -6.84 0.00	48.20 -6.02 0.01	37.08 -5.11 7.95	38.17 -5.10 6.73	35.78 -5.32 7.70	32.11 -5.04 7.05	30.75 -5.03 6.81	30.14 -4.41 6.68	29.73 -4.63 6.59	32.16 -4.69 4.62	36.44 -5.29 6.79	45.07 -6.47 2.85	53.13 -6.84 0.03	49.21 -6.27 0.03	40.23 -5.34 0.04	35.96 -4.58 0.00	36.20 -3.89 0.00
MOHAWK_PAPER___DRP 24187	39.53 1.11 0.00	38.08 1.07 0.00	36.43 1.06 0.00	35.62 1.07 0.00	37.28 1.05 0.00	42.64 1.24 0.00	53.57 1.66 0.00	61.15 2.18 0.00	56.35 2.12 0.00	52.04 1.91 0.00	51.84 1.85 0.00	50.75 1.95 0.00	46.01 1.81 0.00	44.33 1.75 0.00	42.88 1.65 0.00	42.55 1.60 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.40 2.01 0.00	62.22 2.22 0.00	57.62 2.11 0.00	47.34 1.73 0.00	42.00 1.46 0.00	41.57 1.48 0.00
MOHICAN___35_KV_115KV_LD 80490	40.53 2.11 0.00	39.00 2.00 0.00	37.35 1.98 0.00	36.49 1.93 0.00	38.11 1.88 0.00	43.80 2.40 0.00	54.19 2.28 0.00	61.98 3.01 0.00	57.22 2.98 0.00	52.85 2.71 0.00	52.49 2.50 0.00	51.34 2.54 0.00	46.50 2.30 0.00	44.71 2.13 0.00	43.21 1.98 0.00	42.88 1.92 0.00	43.33 1.87 0.00	50.56 2.04 0.00	57.00 2.61 0.00	62.94 2.94 0.00	58.46 2.94 0.00	47.84 2.23 0.00	43.18 2.64 0.00	42.73 2.65 0.00
MONGAUP___HYD 23641	39.76 1.34 0.00	38.33 1.33 0.00	36.64 1.27 0.00	35.79 1.24 0.00	37.57 1.34 0.00	42.93 1.53 0.00	53.88 1.97 0.00	60.74 1.77 0.00	55.75 1.52 0.00	52.04 1.90 0.00	51.89 1.90 0.00	50.75 1.95 0.00	46.19 1.99 0.00	44.45 1.87 0.00	42.96 1.73 0.00	42.67 1.72 0.00	43.28 1.82 0.00	50.70 2.19 0.00	56.84 2.45 0.00	62.88 2.88 0.00	58.02 2.50 0.00	47.75 2.14 0.00	42.41 1.87 0.00	41.73 1.64 0.00
MONTAUK___DIESEL 23721	41.65 3.23 0.00	40.56 3.55 0.00	38.84 3.47 0.00	37.94 3.39 0.00	39.63 3.41 0.00	52.17 3.81 -6.96	56.58 4.67 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.65 3.51 0.00	53.49 3.50 0.00	53.27 3.61 -0.85	50.74 3.18 -3.36	50.61 2.94 -5.09	44.31 2.76 -0.32	43.41 2.46 0.00	50.47 2.53 -6.48	51.19 2.67 0.00	57.44 3.05 0.00	64.20 4.20 0.00	59.12 3.61 0.00	49.96 3.01 -1.34	47.73 2.64 -4.56	43.54 2.93 -0.53
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.85 -3.57 0.00	33.27 -3.74 0.00	31.76 -3.61 0.00	31.10 -3.46 0.00	33.11 -3.12 0.00	38.63 -2.77 0.00	48.28 -3.63 0.00	54.25 -4.72 0.00	50.22 -4.01 0.00	39.94 -4.41 5.78	40.31 -4.80 4.89	38.28 -4.93 5.60	34.57 -4.51 5.12	33.17 -4.47 4.95	32.14 -4.21 4.89	31.95 -4.22 4.79	34.41 -5.27 1.78	38.25 -5.92 4.35	45.56 -6.80 2.03	53.69 -6.30 0.01	48.95 -6.55 0.01	40.47 -5.11 0.03	36.57 -3.97 0.00	36.68 -3.41 0.00

MORRIS RIDGE___SOLAR 323848	35.54 -2.88 0.00	34.12 -2.89 0.00	32.58 -2.80 0.00	31.75 -2.80 0.00	33.51 -2.72 0.00	38.63 -2.77 0.00	48.23 -3.68 0.00	54.49 -4.48 0.00	50.19 -3.96 0.08	-1.04 -4.06 47.12	5.82 -4.25 39.93	-1.29 -4.39 45.70	-1.72 -4.11 41.82	-1.91 -4.09 40.40	-1.96 -4.04 39.15	-2.04 -3.89 39.10	-1.86 -4.27 39.05	-1.22 -4.66 45.08	31.94 -5.06 17.39	54.71 -5.04 0.25	50.38 -4.89 0.25	41.57 -4.01 0.02	37.06 -3.49 0.00	37.16 -2.92 0.00
MORTIMER_115KV_TB3 55949	36.61 -1.81 0.00	35.12 -1.89 0.00	33.57 -1.80 0.00	32.75 -1.80 0.00	34.52 -1.70 0.00	39.75 -1.66 0.00	49.37 -2.54 0.00	55.73 -3.24 0.00	51.47 -2.77 0.00	44.99 -2.06 3.10	45.33 -2.05 2.62	43.41 -2.39 2.99	39.03 -2.43 2.74	37.51 -2.43 2.65	36.02 -2.56 2.65	36.18 -2.21 2.56	38.55 -1.99 0.92	44.08 -2.18 2.25	50.61 -2.72 1.06	56.93 -3.06 0.01	53.01 -2.50 0.01	43.19 -2.37 0.05	38.56 -1.99 0.00	38.28 -1.80 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.15 1.73 0.00	38.74 1.74 0.00	37.11 1.73 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	62.98 4.01 0.00	57.87 3.63 0.00	53.60 3.46 0.00	53.49 3.50 0.00	52.36 3.56 0.00	47.52 3.32 0.00	45.78 3.19 0.00	44.28 3.05 0.00	43.78 2.83 0.00	44.32 2.86 0.00	51.77 3.25 0.00	57.87 3.48 0.00	63.84 3.84 0.00	59.07 3.55 0.00	48.52 2.92 0.00	42.94 2.39 0.00	42.21 2.12 0.00
MUNSVILLE_WIND_PWR 323609	40.61 2.19 0.00	38.93 1.92 0.00	36.97 1.59 0.00	36.14 1.59 0.00	37.89 1.67 0.00	43.39 1.99 0.00	54.92 3.01 0.00	62.86 3.89 0.00	57.33 3.09 0.00	58.89 2.56 -6.19	57.33 2.35 -4.98	56.46 1.95 -5.71	50.97 1.55 -5.22	48.95 1.32 -5.04	47.38 1.20 -4.96	47.26 1.43 -4.88	44.07 1.58 -1.03	55.47 2.52 -4.43	60.01 3.43 -2.19	64.26 4.26 -0.01	59.24 3.72 -0.01	48.43 2.83 0.00	42.65 2.11 0.00	42.09 2.00 0.00
N SALMON___HYD 24042	38.61 0.19 0.00	37.08 0.07 0.00	35.23 -0.14 0.00	34.31 -0.24 0.00	35.93 -0.29 0.00	40.82 -0.58 0.00	51.13 -0.78 0.00	58.02 -0.95 0.00	53.31 -0.92 0.00	49.19 -0.95 0.00	49.14 -0.85 0.00	47.87 -0.93 0.00	43.41 -0.79 0.00	41.95 -0.64 0.00	40.77 -0.45 0.00	40.62 -0.33 0.00	41.34 -0.12 0.00	48.57 0.05 0.00	54.39 0.00 0.00	59.58 -0.42 0.00	55.24 -0.28 0.00	45.06 -0.55 0.00	39.65 -0.89 0.00	39.24 -0.84 0.00
N.AKRON__115KV_KNAPP 355671	35.81 -2.61 0.00	34.27 -2.74 0.00	32.75 -2.62 0.00	31.96 -2.59 0.00	33.83 -2.39 0.00	39.08 -2.32 0.00	48.33 -3.58 0.00	54.37 -4.60 0.00	50.21 -4.01 0.01	39.48 -3.36 7.30	40.42 -3.40 6.17	38.02 -3.71 7.07	34.02 -3.71 6.47	32.63 -3.70 6.25	31.38 -3.71 6.14	31.55 -3.36 6.05	33.88 -3.40 4.19	38.63 -3.69 6.20	47.32 -4.46 2.61	55.41 -4.56 0.03	51.44 -4.05 0.03	41.92 -3.65 0.04	37.62 -2.92 0.00	37.52 -2.57 0.00
N.BELMOR_69_KV_BK1 55787	40.72 2.31 0.00	39.33 2.33 0.00	37.64 2.26 0.00	36.83 2.28 0.00	38.62 2.39 0.00	51.09 2.73 -6.96	55.54 3.63 0.00	63.39 4.42 0.00	58.30 4.07 0.00	54.05 3.91 0.00	54.19 4.20 0.00	54.00 4.34 -0.85	51.58 4.02 -3.36	51.59 3.92 -5.09	45.30 3.75 -0.32	44.43 3.48 0.00	51.50 3.57 -6.48	52.40 3.88 0.00	58.58 4.19 0.00	64.80 4.80 0.00	59.73 4.22 0.00	50.69 3.74 -1.34	48.18 3.08 -4.56	43.46 2.85 -0.53
N.E_GEN_SANDY PD 24062	41.60 1.54 -1.64	40.40 1.48 -1.91	39.60 1.49 -2.74	43.20 1.45 -7.20	47.73 1.52 -9.98	52.02 1.74 -8.88	59.91 2.39 -5.61	61.86 2.89 0.00	57.00 2.76 0.00	52.55 2.41 0.00	52.39 2.40 0.00	51.39 2.58 0.00	46.63 2.43 0.00	44.92 2.34 0.00	43.37 2.14 0.00	43.40 2.13 -0.32	43.57 2.11 0.00	50.80 2.28 0.00	57.56 2.72 -0.45	63.00 3.00 0.00	58.29 2.77 0.00	47.84 2.23 0.00	42.45 1.91 0.00	41.93 1.84 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.76 1.34 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.90 1.35 0.00	37.64 1.41 0.00	43.02 1.61 0.00	54.35 2.44 0.00	62.21 3.24 0.00	57.17 2.93 0.00	52.90 2.76 0.00	52.84 2.85 0.00	51.68 2.88 0.00	46.90 2.70 0.00	45.18 2.60 0.00	43.74 2.51 0.00	43.24 2.29 0.00	43.78 2.32 0.00	51.09 2.57 0.00	57.27 2.88 0.00	63.24 3.24 0.00	58.46 2.94 0.00	47.98 2.37 0.00	42.49 1.95 0.00	41.81 1.72 0.00
N.QUEENS_27_KV_LOAD 356247	40.16 1.73 -0.01	38.79 1.78 -0.01	37.11 1.73 -0.01	36.25 1.69 -0.01	38.01 1.78 -0.01	43.35 1.95 0.00	54.96 3.06 0.01	63.03 4.07 0.01	58.02 3.80 0.01	53.74 3.61 0.01	53.64 3.65 0.01	52.50 3.71 0.01	47.64 3.45 0.01	45.94 3.36 0.01	44.39 3.17 0.01	43.89 2.95 0.01	44.48 3.03 0.01	51.91 3.40 0.01	57.97 3.59 0.01	63.90 3.90 0.00	59.18 3.66 0.00	48.61 3.01 0.01	42.89 2.35 0.01	42.18 2.08 -0.01
N.TROY___115KV_TB1 355778	39.84 1.42 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.57 1.34 0.00	42.97 1.57 0.00	53.93 2.02 0.00	61.56 2.59 0.00	56.73 2.49 0.00	52.35 2.21 0.00	52.14 2.15 0.00	51.05 2.24 0.00	46.32 2.12 0.00	44.58 2.00 0.00	43.12 1.90 0.00	42.79 1.84 0.00	43.24 1.78 0.00	50.51 1.99 0.00	56.78 2.39 0.00	62.64 2.64 0.00	58.01 2.50 0.00	47.61 2.01 0.00	42.33 1.78 0.00	41.89 1.80 0.00
NARROWS_GT1_1 24228	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT1_2 24229	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT1_3 24230	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT1_4 24231	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23

NARROWS_GT1_5 24232	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT1_6 24233	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT1_7 24234	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT1_8 24235	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_1 24236	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_2 24237	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_3 24238	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_4 24239	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_5 24240	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_6 24241	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_7 24242	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NARROWS_GT2_8 24243	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.55 3.63 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.21 4.06 -28.01	62.09 4.00 -8.10	63.96 4.05 -11.11	89.22 3.75 -41.26	69.97 3.66 -23.73	71.39 3.38 -26.78	65.74 3.23 -21.56	73.75 3.32 -28.97	97.58 3.79 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.46 -11.28	56.72 3.93 -12.25	54.96 2.65 -12.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.96 1.54 0.00	38.48 1.48 0.00	36.79 1.41 0.00	35.93 1.38 0.00	37.60 1.38 0.00	43.10 1.70 0.00	54.30 2.39 0.00	61.98 3.01 0.00	57.00 2.77 0.00	52.45 2.31 0.00	52.14 2.15 0.00	50.90 2.10 0.00	46.15 1.94 0.00	44.33 1.75 0.00	42.88 1.65 0.00	42.51 1.56 0.00	43.12 1.66 0.00	50.51 1.99 0.00	57.05 2.67 0.00	63.12 3.12 0.00	58.29 2.78 0.00	47.75 2.14 0.00	42.45 1.91 0.00	41.93 1.84 0.00
NCHELSEA_115KV_TR2 355582	40.07 1.65 0.00	38.67 1.67 0.00	36.96 1.59 0.00	36.11 1.55 0.00	37.86 1.63 0.00	43.31 1.90 0.00	54.71 2.80 0.00	62.74 3.77 0.00	57.71 3.47 0.00	53.35 3.21 0.00	53.29 3.30 0.00	52.12 3.32 0.00	47.25 3.05 0.00	45.48 2.90 0.00	43.99 2.76 0.00	43.45 2.50 0.00	44.07 2.61 0.00	51.48 2.96 0.00	57.82 3.43 0.00	63.90 3.90 0.00	58.96 3.44 0.00	48.30 2.69 0.00	42.81 2.27 0.00	42.17 2.08 0.00
NEG CAPITAL___MECHNVIL 23645	40.30 1.88 0.00	38.78 1.78 0.00	37.10 1.73 0.00	36.28 1.73 0.00	37.93 1.70 0.00	43.47 2.07 0.00	54.45 2.54 0.00	62.21 3.24 0.00	57.44 3.20 0.00	53.00 2.86 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.76 2.56 0.00	44.97 2.38 0.00	43.45 2.22 0.00	43.12 2.17 0.00	43.62 2.15 0.00	50.90 2.38 0.00	57.32 2.94 0.00	63.30 3.30 0.00	58.68 3.16 0.00	48.07 2.46 0.00	42.89 2.35 0.00	42.41 2.32 0.00

NEG CENTRAL_HIGH_ACRES 23767	36.34 -2.08 0.00	34.90 -2.11 0.00	33.36 -2.01 0.00	32.55 -2.00 0.00	34.30 -1.92 0.00	39.42 -1.99 0.00	49.16 -2.75 0.00	55.84 -3.13 0.00	51.58 -2.66 0.00	46.56 -2.10 1.48	46.65 -2.10 1.25	44.98 -2.39 1.43	40.51 -2.39 1.31	38.90 -2.43 1.26	37.94 -2.06 1.23	37.52 -2.21 1.22	39.39 -2.07 0.00	45.38 -2.23 0.91	51.19 -2.72 0.48	57.00 -3.00 0.00	53.02 -2.50 0.00	43.29 -2.32 -0.01	38.43 -2.11 0.00	38.20 -1.88 0.00
NEG CENTRAL___DRP 24199	37.80 -0.61 0.00	36.34 -0.67 0.00	34.77 -0.60 0.00	33.93 -0.62 0.00	35.68 -0.54 0.00	40.99 -0.41 0.00	51.44 -0.47 0.00	58.26 -0.71 0.00	53.81 -0.43 0.00	49.31 -0.50 0.33	49.09 -0.65 0.25	47.63 -0.88 0.29	43.01 -0.93 0.27	41.35 -0.98 0.26	39.95 -0.99 0.29	39.84 -0.86 0.25	42.37 -0.91 -1.82	48.21 -0.82 -0.51	53.52 -0.82 0.05	59.23 -0.78 -0.01	54.86 -0.67 -0.01	44.97 -0.64 0.00	40.02 -0.53 0.00	39.65 -0.44 0.00
NEG CENTRAL___INDECK 23768	37.23 -1.19 0.00	35.67 -1.33 0.00	34.06 -1.31 0.00	33.17 -1.38 0.00	35.03 -1.19 0.00	40.41 -0.99 0.00	50.61 -1.30 0.00	57.26 -1.71 0.00	52.60 -1.68 -0.04	63.30 -1.80 -14.97	60.65 -2.10 -12.75	60.85 -2.54 -14.59	54.99 -2.56 -13.36	52.85 -2.64 -12.91	51.25 -2.31 -12.33	51.06 -2.38 -12.49	58.17 -2.32 -19.03	63.22 -2.23 -16.93	58.02 -2.12 -5.75	58.44 -1.68 -0.12	54.30 -1.33 -0.12	44.11 -1.46 0.03	39.16 -1.38 0.00	39.04 -1.04 0.00
NEG CENTRAL___SENECA 23627	37.65 -0.77 0.00	36.19 -0.81 0.00	34.59 -0.78 0.00	33.76 -0.79 0.00	35.54 -0.69 0.00	40.86 -0.54 0.00	51.39 -0.52 0.00	58.09 -0.88 0.00	53.75 -0.49 -0.01	48.34 -0.65 1.15	48.28 -0.80 0.91	46.68 -1.07 1.05	42.10 -1.15 0.95	40.47 -1.19 0.92	39.03 -1.24 0.96	39.00 -1.06 0.89	43.23 -1.12 -2.89	47.87 -1.02 -0.37	53.04 -1.03 0.32	58.94 -1.08 -0.02	54.70 -0.83 -0.02	44.79 -0.82 0.00	39.85 -0.69 0.00	39.53 -0.56 0.00
NEG CENTRAL___STATE_STREET 24147	38.11 -0.31 0.00	36.67 -0.33 0.00	35.05 -0.32 0.00	34.24 -0.31 0.00	35.97 -0.25 0.00	41.24 -0.17 0.00	51.75 -0.16 0.00	58.79 -0.18 0.00	54.07 -0.16 0.00	51.08 -0.10 -1.04	50.58 -0.25 -0.84	49.37 -0.39 -0.96	44.64 -0.44 -0.88	42.92 -0.51 -0.85	41.53 -0.54 -0.84	41.36 -0.41 -0.82	41.05 -0.41 0.00	49.03 -0.29 -0.80	54.54 -0.27 -0.42	59.82 -0.18 0.00	55.40 -0.11 0.00	45.42 -0.18 0.00	40.38 -0.16 0.00	39.97 -0.12 0.00
NEG MILLWOOD___DRP 24198	40.26 1.84 0.00	38.85 1.85 0.00	37.18 1.80 0.00	36.35 1.80 0.00	38.07 1.85 0.00	43.51 2.11 0.00	55.08 3.17 0.00	63.10 4.13 0.00	58.09 3.85 0.00	53.70 3.56 0.00	53.64 3.65 0.00	52.41 3.61 0.00	47.56 3.36 0.00	45.82 3.24 0.00	44.24 3.01 0.00	43.82 2.87 0.00	44.36 2.90 0.00	51.82 3.30 0.00	58.09 3.70 0.00	64.14 4.14 0.00	59.23 3.72 0.00	48.57 2.96 0.00	42.98 2.43 0.00	42.33 2.24 0.00
NEG NORTH_FLCN_SEA 23793	38.69 0.27 0.00	37.00 0.00 0.00	34.98 -0.39 0.00	33.96 -0.59 0.00	35.46 -0.76 0.00	40.12 -1.28 0.00	49.94 -1.97 0.00	56.55 -2.42 0.00	52.07 -2.17 0.00	48.18 -1.96 0.00	48.24 -1.75 0.00	47.09 -1.71 0.00	42.83 -1.37 0.00	41.52 -1.06 0.00	40.53 -0.70 0.00	40.54 -0.41 0.00	41.38 -0.08 0.00	48.71 0.19 0.00	54.55 0.16 0.00	58.80 -1.20 0.00	54.96 -0.56 0.00	44.51 -1.09 0.00	39.00 -1.54 0.00	38.56 -1.52 0.00
NEG NORTH_KES_CHATEGAY 23792	38.46 0.04 0.00	36.93 -0.07 0.00	35.05 -0.32 0.00	34.10 -0.45 0.00	35.68 -0.54 0.00	40.49 -0.91 0.00	50.61 -1.30 0.00	57.38 -1.59 0.00	52.72 -1.52 0.00	48.69 -1.45 0.00	48.64 -1.35 0.00	47.43 -1.37 0.00	43.01 -1.19 0.00	41.60 -0.98 0.00	40.53 -0.70 0.00	40.42 -0.53 0.00	41.17 -0.29 0.00	48.37 -0.15 0.00	54.17 -0.22 0.00	59.16 -0.84 0.00	54.85 -0.67 0.00	44.65 -0.96 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
NEG NORTH___ALICE_FALLS 23915	38.88 0.46 0.00	37.19 0.19 0.00	35.20 -0.18 0.00	34.17 -0.38 0.00	35.72 -0.51 0.00	40.45 -0.95 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.55 -1.68 0.00	48.64 -1.50 0.00	48.69 -1.30 0.00	47.48 -1.32 0.00	43.14 -1.06 0.00	41.82 -0.77 0.00	40.77 -0.45 0.00	40.75 -0.20 0.00	41.59 0.12 0.00	48.96 0.44 0.00	54.82 0.44 0.00	59.40 -0.60 0.00	55.35 -0.17 0.00	44.88 -0.73 0.00	39.33 -1.22 0.00	38.88 -1.20 0.00
NEG NORTH___LWR_SARANAC 23913	38.88 0.46 0.00	37.19 0.19 0.00	35.20 -0.18 0.00	34.17 -0.38 0.00	35.72 -0.51 0.00	40.45 -0.95 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.55 -1.68 0.00	48.64 -1.50 0.00	48.69 -1.30 0.00	47.48 -1.32 0.00	43.14 -1.06 0.00	41.82 -0.77 0.00	40.77 -0.45 0.00	40.75 -0.20 0.00	41.59 0.12 0.00	48.96 0.44 0.00	54.82 0.44 0.00	59.40 -0.60 0.00	55.35 -0.17 0.00	44.88 -0.73 0.00	39.33 -1.22 0.00	38.88 -1.20 0.00
NEG NORTH___PLATTSBURG 23628	38.88 0.46 0.00	37.19 0.19 0.00	35.20 -0.18 0.00	34.17 -0.38 0.00	35.72 -0.51 0.00	40.45 -0.95 0.00	50.40 -1.51 0.00	57.14 -1.83 0.00	52.55 -1.68 0.00	48.64 -1.50 0.00	48.69 -1.30 0.00	47.49 -1.32 0.00	43.14 -1.06 0.00	41.82 -0.77 0.00	40.77 -0.45 0.00	40.75 -0.20 0.00	41.59 0.12 0.00	48.95 0.44 0.00	54.82 0.43 0.00	59.40 -0.60 0.00	55.35 -0.17 0.00	44.87 -0.73 0.00	39.29 -1.26 0.00	38.89 -1.20 0.00
NEG WEST_LEA_LOCKPORT 23791	35.04 -3.38 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.11 -3.12 0.00	38.21 -3.19 0.00	47.03 -4.88 0.00	52.72 -6.25 0.00	48.75 -5.48 0.01	36.39 -4.61 9.13	37.61 -4.65 7.73	35.02 -4.93 8.85	31.37 -4.73 8.10	30.12 -4.64 7.83	28.99 -4.58 7.66	29.08 -4.30 7.57	31.39 -4.35 5.72	35.60 -4.95 7.97	45.12 -5.98 3.29	53.66 -6.30 0.04	49.71 -5.77 0.04	40.60 -4.97 0.04	36.57 -3.97 0.00	36.52 -3.57 0.00
NEG WEST___LANCASTER 23811	35.85 -2.57 0.00	34.38 -2.63 0.00	32.86 -2.51 0.00	32.06 -2.49 0.00	33.94 -2.28 0.00	39.21 -2.19 0.00	48.59 -3.32 0.00	54.37 -4.60 0.00	50.22 -4.01 0.01	38.83 -4.76 6.54	39.66 -4.80 5.54	38.22 -4.25 6.34	34.65 -3.76 5.80	33.28 -3.70 5.60	32.58 -3.13 5.52	32.25 -3.28 5.42	33.67 -5.10 2.69	37.57 -5.77 5.18	45.65 -6.42 2.32	54.70 -5.28 0.02	49.00 -6.50 0.02	41.11 -4.47 0.03	37.42 -3.12 0.00	37.56 -2.53 0.00
NEG_PENN_ALLEGHNY 23528	38.04 -0.38 0.00	36.63 -0.37 0.00	35.02 -0.35 0.00	34.21 -0.35 0.00	35.93 -0.29 0.00	41.20 -0.21 0.00	51.70 -0.21 0.00	58.68 -0.29 0.00	53.80 -0.44 0.00	49.59 -0.55 0.00	48.56 -0.65 0.79	47.17 -0.73 0.90	42.67 -0.71 0.82	41.06 -0.72 0.80	39.61 -0.82 0.80	39.52 -0.66 0.77	40.76 -0.71 0.00	46.80 -0.68 1.04	53.13 -0.71 0.55	59.52 -0.48 0.00	54.85 -0.66 0.00	45.14 -0.46 0.01	40.14 -0.41 0.00	39.85 -0.24 0.00
NEG___GEN_MONROE 24207	36.54 -1.88 0.00	35.04 -1.96 0.00	33.53 -1.84 0.00	32.72 -1.83 0.00	34.56 -1.67 0.00	39.83 -1.57 0.00	49.52 -2.39 0.00	55.79 -3.18 0.00	51.41 -2.82 0.00	44.63 -2.21 3.30	44.91 -2.30 2.79	42.88 -2.73 3.19	38.50 -2.78 2.92	37.04 -2.73 2.82	35.56 -2.84 2.82	35.72 -2.50 2.73	38.06 -2.32 1.08	43.55 -2.52 2.45	50.27 -2.99 1.13	56.81 -3.18 0.01	52.90 -2.61 0.01	43.10 -2.46 0.05	38.52 -2.03 0.00	38.32 -1.76 0.00

NEPA__ENERGY 23901	35.85 -2.57 0.00	34.38 -2.63 0.00	32.86 -2.51 0.00	32.06 -2.49 0.00	34.02 -2.21 0.00	39.25 -2.15 0.00	48.80 -3.11 0.00	54.78 -4.19 0.00	50.49 -3.74 0.01	39.81 -3.81 6.51	40.58 -3.90 5.51	38.53 -3.95 6.31	34.80 -3.62 5.78	33.47 -3.53 5.58	32.43 -3.30 5.50	32.32 -3.24 5.40	34.78 -4.06 2.62	38.77 -4.61 5.14	46.80 -5.28 2.31	55.12 -4.86 0.02	50.39 -5.11 0.02	41.61 -3.97 0.03	37.50 -3.04 0.00	37.60 -2.49 0.00
NEVERSink__HYD 23608	39.69 1.27 0.00	38.26 1.26 0.00	36.58 1.20 0.00	35.76 1.21 0.00	37.49 1.27 0.00	42.85 1.45 0.00	54.14 2.23 0.00	61.92 2.95 0.00	56.95 2.71 0.00	52.60 2.46 0.00	52.59 2.60 0.00	51.29 2.49 0.00	46.45 2.25 0.00	44.71 2.13 0.00	43.13 1.90 0.00	42.75 1.80 0.00	43.41 1.95 0.00	50.80 2.28 0.00	57.16 2.77 0.00	63.18 3.18 0.00	58.29 2.77 0.00	47.75 2.14 0.00	42.32 1.78 0.00	41.65 1.56 0.00
NEWKRMKL_115KV_TB1 55635	39.23 0.81 0.00	37.78 0.78 0.00	36.19 0.81 0.00	35.35 0.79 0.00	36.99 0.76 0.00	42.31 0.91 0.00	53.16 1.25 0.00	60.68 1.71 0.00	55.92 1.68 0.00	51.69 1.55 0.00	51.49 1.50 0.00	50.41 1.61 0.00	45.70 1.50 0.00	44.03 1.45 0.00	42.59 1.36 0.00	42.22 1.27 0.00	42.71 1.24 0.00	49.83 1.31 0.00	55.97 1.58 0.00	61.74 1.74 0.00	57.18 1.67 0.00	46.93 1.32 0.00	41.68 1.14 0.00	41.21 1.12 0.00
NEWTON__FALLS_HYD 23847	37.73 -0.69 0.00	36.30 -0.70 0.00	34.59 -0.78 0.00	33.79 -0.76 0.00	35.46 -0.76 0.00	40.41 -0.99 0.00	50.92 -0.99 0.00	58.09 -0.88 0.00	53.10 -1.14 0.00	48.84 -1.30 0.00	48.64 -1.35 0.00	47.34 -1.46 0.00	42.74 -1.46 0.00	41.18 -1.41 0.00	40.11 -1.11 0.00	39.89 -1.06 0.00	40.22 -1.24 0.00	47.40 -1.12 0.00	53.36 -1.03 0.00	59.04 -0.96 0.00	54.63 -0.89 0.00	44.83 -0.78 0.00	39.57 -0.97 0.00	39.04 -1.04 0.00
NGRID_A1_DSASP 323792	34.73 -3.69 0.00	33.30 -3.70 0.00	31.84 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.22 -5.10 6.67	35.85 -5.32 7.64	32.17 -5.04 6.99	30.81 -5.03 6.75	30.32 -4.29 6.62	29.83 -4.59 6.53	32.32 -4.60 4.54	36.56 -5.24 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	35.88 -4.66 0.00	36.12 -3.97 0.00
NGRID_A2_DSASP 323793	34.73 -3.69 0.00	33.30 -3.70 0.00	31.84 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.22 -5.10 6.67	35.85 -5.32 7.64	32.17 -5.04 6.99	30.81 -5.03 6.75	30.32 -4.29 6.62	29.83 -4.59 6.53	32.32 -4.60 4.54	36.56 -5.24 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	35.88 -4.66 0.00	36.12 -3.97 0.00
NGRID_A4_DSASP 323807	34.73 -3.69 0.00	33.30 -3.70 0.00	31.84 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.22 -5.10 6.67	35.85 -5.32 7.64	32.17 -5.04 6.99	30.81 -5.03 6.75	30.32 -4.29 6.62	29.83 -4.59 6.53	32.32 -4.60 4.54	36.56 -5.24 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	35.88 -4.66 0.00	36.12 -3.97 0.00
NIAGARA_115E_LBMP 323715	34.58 -3.84 0.00	33.12 -3.88 0.00	31.66 -3.71 0.00	30.89 -3.66 0.00	32.68 -3.55 0.00	37.68 -3.73 0.00	46.25 -5.66 0.00	51.77 -7.20 0.00	47.88 -6.35 0.01	36.90 -5.36 7.88	37.93 -5.40 6.67	35.56 -5.61 7.63	31.96 -5.26 6.98	30.60 -5.24 6.75	29.99 -4.62 6.62	29.59 -4.83 6.53	32.04 -4.89 4.52	36.23 -5.58 6.71	44.77 -6.80 2.82	52.77 -7.20 0.03	48.88 -6.61 0.03	39.96 -5.61 0.04	35.72 -4.83 0.00	35.96 -4.13 0.00
NIAGARA_115W_LBMP 323714	34.62 -3.80 0.00	33.19 -3.81 0.00	31.73 -3.64 0.00	30.96 -3.59 0.00	32.75 -3.48 0.00	37.76 -3.64 0.00	46.30 -5.61 0.00	51.77 -7.20 0.00	47.94 -6.29 0.01	37.02 -5.22 7.90	38.10 -5.20 6.69	35.68 -5.46 7.66	32.02 -5.17 7.01	30.66 -5.15 6.77	30.18 -4.41 6.64	29.69 -4.71 6.55	32.16 -4.73 4.57	36.39 -5.39 6.74	44.92 -6.64 2.83	52.83 -7.14 0.03	48.99 -6.50 0.03	40.01 -5.57 0.04	35.76 -4.78 0.00	36.00 -4.09 0.00
NIAGARA_230_LBMP 323716	35.00 -3.42 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.07 -3.15 0.00	38.13 -3.27 0.00	46.82 -5.09 0.00	52.42 -6.55 0.00	48.48 -5.75 0.01	37.40 -4.72 8.02	38.50 -4.70 6.79	36.10 -4.93 7.78	32.40 -4.69 7.11	31.02 -4.68 6.87	30.45 -4.04 6.74	30.00 -4.30 6.65	32.42 -4.31 4.73	36.75 -4.90 6.88	45.43 -6.09 2.87	53.43 -6.54 0.03	49.49 -6.00 0.03	40.51 -5.06 0.04	36.16 -4.38 0.00	36.40 -3.69 0.00
NIAGARA__115KV_198_GIBSON 55903	34.62 -3.80 0.00	33.19 -3.81 0.00	31.73 -3.64 0.00	30.96 -3.59 0.00	32.75 -3.48 0.00	37.76 -3.64 0.00	46.30 -5.61 0.00	51.78 -7.19 0.00	47.94 -6.29 0.01	37.02 -5.21 7.90	38.11 -5.20 6.69	35.68 -5.47 7.66	31.98 -5.22 7.01	30.66 -5.15 6.77	29.52 -5.07 6.64	29.65 -4.75 6.55	32.16 -4.73 4.57	36.35 -5.43 6.74	44.93 -6.64 2.83	52.83 -7.14 0.03	48.99 -6.50 0.03	40.01 -5.56 0.04	36.04 -4.50 0.00	36.04 -4.05 0.00
NIAGARA____ 23760	35.00 -3.42 0.00	33.56 -3.44 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.07 -3.15 0.00	38.13 -3.27 0.00	46.82 -5.09 0.00	52.42 -6.55 0.00	48.48 -5.75 0.01	37.48 -4.72 7.95	38.57 -4.70 6.73	36.17 -4.93 7.70	32.47 -4.69 7.04	31.09 -4.68 6.80	30.52 -4.04 6.67	30.07 -4.30 6.58	32.53 -4.31 4.62	36.83 -4.90 6.79	45.45 -6.09 2.85	53.43 -6.54 0.03	49.49 -6.00 0.03	40.51 -5.06 0.04	36.16 -4.38 0.00	36.40 -3.69 0.00
NINE_MILE_1 23575	37.30 -1.12 0.00	35.93 -1.07 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.35 -1.56 0.00	57.08 -1.89 0.00	52.50 -1.74 0.00	48.58 -1.55 0.00	48.44 -1.55 0.00	47.19 -1.61 0.00	42.70 -1.50 0.00	41.09 -1.49 0.00	39.83 -1.40 0.00	39.56 -1.39 0.00	40.05 -1.41 0.00	46.92 -1.60 0.00	52.60 -1.79 0.00	58.02 -1.98 0.00	53.68 -1.83 0.00	44.14 -1.46 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
NINE_MILE_2 23744	37.30 -1.12 0.00	35.93 -1.07 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.35 -1.56 0.00	57.03 -1.94 0.00	52.50 -1.74 0.00	48.58 -1.55 0.00	48.39 -1.60 0.00	47.19 -1.61 0.00	42.70 -1.50 0.00	41.09 -1.49 0.00	39.83 -1.40 0.00	39.56 -1.39 0.00	40.05 -1.41 0.00	46.92 -1.60 0.00	52.60 -1.79 0.00	58.02 -1.98 0.00	53.68 -1.83 0.00	44.14 -1.46 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
NM_CAPITAL__DRP 24208	39.34 0.92 0.00	37.89 0.89 0.00	36.26 0.88 0.00	35.45 0.90 0.00	37.09 0.87 0.00	42.44 1.04 0.00	53.31 1.40 0.00	60.80 1.83 0.00	56.03 1.79 0.00	51.74 1.60 0.00	51.59 1.60 0.00	50.51 1.71 0.00	45.79 1.59 0.00	44.12 1.53 0.00	42.67 1.44 0.00	42.30 1.35 0.00	42.79 1.33 0.00	49.93 1.41 0.00	56.08 1.69 0.00	61.86 1.86 0.00	57.29 1.78 0.00	47.02 1.41 0.00	41.76 1.22 0.00	41.33 1.24 0.00

NM_CENTRAL___DRP 24181	37.92 -0.50 0.00	36.49 -0.52 0.00	34.91 -0.46 0.00	34.10 -0.45 0.00	35.79 -0.43 0.00	40.99 -0.41 0.00	51.34 -0.57 0.00	58.26 -0.71 0.00	53.69 -0.54 0.00	49.64 -0.50 0.00	49.44 -0.55 0.00	48.17 -0.63 0.00	43.54 -0.66 0.00	41.90 -0.68 0.00	40.53 -0.70 0.00	40.34 -0.61 0.00	40.84 -0.62 0.00	47.84 -0.68 0.00	53.63 -0.76 0.00	59.28 -0.72 0.00	54.90 -0.61 0.00	45.10 -0.50 0.00	40.14 -0.41 0.00	39.73 -0.36 0.00
NM_FRONTIER___DRP 24179	34.62 -3.80 0.00	33.19 -3.81 0.00	31.73 -3.64 0.00	30.96 -3.59 0.00	32.75 -3.48 0.00	37.76 -3.64 0.00	46.30 -5.61 0.00	51.78 -7.19 0.00	47.94 -6.29 0.01	37.02 -5.21 7.90	38.11 -5.20 6.69	35.68 -5.47 7.66	31.98 -5.22 7.01	30.66 -5.15 6.77	29.52 -5.07 6.64	29.65 -4.75 6.55	32.16 -4.73 4.57	36.35 -5.43 6.74	44.93 -6.64 2.83	52.83 -7.14 0.03	48.99 -6.50 0.03	40.01 -5.56 0.04	36.04 -4.50 0.00	36.04 -4.05 0.00
NM_ST_REGIS___HYD 24053	38.04 -0.38 0.00	36.63 -0.37 0.00	34.84 -0.53 0.00	33.96 -0.59 0.00	35.61 -0.62 0.00	40.53 -0.87 0.00	50.82 -1.09 0.00	57.73 -1.24 0.00	52.93 -1.30 0.00	48.79 -1.35 0.00	48.69 -1.30 0.00	47.48 -1.32 0.00	42.96 -1.24 0.00	41.48 -1.11 0.00	40.32 -0.91 0.00	40.05 -0.90 0.00	40.63 -0.83 0.00	47.74 -0.78 0.00	53.52 -0.87 0.00	58.92 -1.08 0.00	54.57 -0.94 0.00	44.74 -0.87 0.00	39.53 -1.01 0.00	39.08 -1.00 0.00
NORTHPORT___1 23551	40.81 2.38 -0.01	39.45 2.44 -0.01	37.82 2.44 -0.01	37.12 2.56 -0.01	38.88 2.64 -0.01	51.39 3.02 -6.96	55.65 3.74 0.00	63.27 4.30 0.00	58.14 3.91 0.00	53.85 3.71 0.00	54.05 4.05 -0.01	53.86 4.20 -0.86	51.46 3.89 -3.37	51.47 3.79 -5.09	45.02 3.46 -0.33	44.36 3.40 -0.01	51.47 3.52 -6.49	52.36 3.83 -0.01	58.41 4.02 0.00	64.68 4.68 0.00	59.68 4.17 0.00	50.65 3.69 -1.35	48.31 3.20 -4.56	43.63 3.01 -0.54
NORTHPORT___2 23552	40.81 2.38 -0.01	39.45 2.44 -0.01	37.82 2.44 -0.01	37.12 2.56 -0.01	38.88 2.64 -0.01	51.39 3.02 -6.96	55.65 3.74 0.00	63.27 4.30 0.00	58.14 3.91 0.00	53.85 3.71 0.00	54.05 4.05 -0.01	53.86 4.20 -0.86	51.46 3.89 -3.37	51.47 3.79 -5.09	45.02 3.46 -0.33	44.36 3.40 -0.01	51.47 3.52 -6.49	52.36 3.83 -0.01	58.41 4.02 0.00	64.68 4.68 0.00	59.68 4.17 0.00	50.65 3.69 -1.35	48.31 3.20 -4.56	43.63 3.01 -0.54
NORTHPORT___3 23553	40.81 2.38 -0.01	39.42 2.40 -0.01	37.75 2.37 -0.01	36.98 2.42 -0.01	38.77 2.53 -0.01	51.22 2.85 -6.96	54.61 2.70 0.00	62.03 3.06 0.00	57.05 2.82 0.00	53.15 3.01 0.00	53.50 3.50 -0.01	53.42 3.76 -0.86	51.68 4.11 -3.37	51.68 4.00 -5.09	45.27 3.71 -0.33	44.56 3.60 -0.01	51.68 3.73 -6.49	52.41 3.88 -0.01	57.43 3.04 0.00	63.30 3.30 0.00	58.46 2.94 0.00	50.88 3.92 -1.35	48.39 3.28 -4.56	43.63 3.01 -0.54
NORTHPORT___4 23650	40.81 2.38 -0.01	39.42 2.40 -0.01	37.75 2.37 -0.01	36.98 2.42 -0.01	38.77 2.53 -0.01	51.22 2.85 -6.96	54.61 2.70 0.00	62.03 3.06 0.00	57.05 2.82 0.00	53.15 3.01 0.00	53.50 3.50 -0.01	53.42 3.76 -0.86	51.68 4.11 -3.37	51.68 4.00 -5.09	45.27 3.71 -0.33	44.56 3.60 -0.01	51.68 3.73 -6.49	52.41 3.88 -0.01	57.43 3.04 0.00	63.30 3.30 0.00	58.46 2.94 0.00	50.88 3.92 -1.35	48.39 3.28 -4.56	43.63 3.01 -0.54
NORTHPORT___IC 23718	40.80 2.38 0.00	39.48 2.48 0.00	37.78 2.41 0.00	37.04 2.49 0.00	38.91 2.68 0.00	51.38 3.02 -6.96	55.80 3.89 0.00	63.27 4.30 0.00	58.14 3.91 0.00	53.85 3.71 0.00	54.09 4.10 0.00	53.85 4.20 -0.85	51.45 3.89 -3.36	51.46 3.79 -5.09	45.26 3.71 -0.32	44.35 3.40 0.00	51.46 3.52 -6.48	52.26 3.74 0.00	58.41 4.02 0.00	64.68 4.68 0.00	59.68 4.16 0.00	50.64 3.69 -1.34	48.26 3.16 -4.56	43.62 3.01 -0.53
NORTH___COUNTRY_ESR 323785	38.38 -0.04 0.00	36.82 -0.18 0.00	34.95 -0.42 0.00	34.00 -0.55 0.00	35.57 -0.65 0.00	40.41 -0.99 0.00	50.51 -1.40 0.00	57.26 -1.71 0.00	52.61 -1.63 0.00	48.58 -1.55 0.00	48.59 -1.40 0.00	47.38 -1.42 0.00	42.96 -1.24 0.00	41.56 -1.02 0.00	40.49 -0.74 0.00	40.34 -0.61 0.00	41.09 -0.37 0.00	48.23 -0.29 0.00	54.01 -0.38 0.00	58.98 -1.02 0.00	54.62 -0.89 0.00	44.47 -1.14 0.00	39.21 -1.34 0.00	38.80 -1.28 0.00
NPX_GEN_1385_PROXY 323591	40.89 2.46 -0.01	39.45 2.44 -0.01	37.89 2.51 -0.01	37.60 3.04 -0.01	39.42 3.19 -0.01	51.68 3.31 -6.96	55.96 4.05 0.00	63.51 4.54 0.00	58.14 3.91 0.00	53.75 3.61 0.00	53.95 3.95 -0.01	53.76 4.10 -0.86	51.37 3.80 -3.37	51.38 3.70 -5.09	45.10 3.55 -0.33	44.44 3.48 -0.01	51.51 3.57 -6.49	52.36 3.83 -0.01	58.41 4.02 0.00	64.44 4.44 0.00	59.79 4.27 0.00	50.79 3.83 -1.35	48.31 3.20 -4.56	43.75 3.13 -0.54
NPX_GEN_CSC 323557	40.85 2.42 -0.01	39.79 2.78 -0.01	38.14 2.76 -0.01	37.36 2.80 -0.01	39.17 2.93 -0.01	51.72 3.35 -6.96	55.85 3.94 0.00	62.75 3.78 0.00	57.60 3.36 0.00	53.35 3.21 0.00	53.60 3.60 -0.01	53.42 3.76 -0.86	51.02 3.45 -3.37	51.00 3.32 -5.09	44.56 3.01 -0.33	43.87 2.91 -0.01	51.02 3.07 -6.49	51.87 3.35 -0.01	57.98 3.59 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.33 3.37 -1.35	48.39 3.28 -4.56	43.83 3.21 -0.54
NSINS_S_GLNS_FALLS 23858	40.57 2.15 0.00	39.00 2.00 0.00	37.35 1.98 0.00	36.52 1.97 0.00	38.11 1.88 0.00	43.80 2.40 0.00	54.09 2.18 0.00	61.92 2.95 0.00	57.17 2.93 0.00	52.80 2.66 0.00	52.44 2.45 0.00	51.29 2.49 0.00	46.46 2.25 0.00	44.67 2.09 0.00	43.17 1.94 0.00	42.83 1.88 0.00	43.29 1.82 0.00	50.51 1.99 0.00	56.95 2.56 0.00	62.88 2.88 0.00	58.40 2.89 0.00	47.79 2.19 0.00	43.22 2.68 0.00	42.77 2.69 0.00
NUCOR_STEEL___DRP 24197	38.23 -0.19 0.00	36.82 -0.19 0.00	35.23 -0.14 0.00	34.41 -0.14 0.00	36.15 -0.07 0.00	41.40 0.00 0.00	51.91 0.00 0.00	58.97 0.00 0.00	54.24 0.00 0.00	51.41 0.05 -1.22	50.89 -0.10 -0.99	49.65 -0.29 -1.14	44.89 -0.35 -1.04	43.16 -0.43 -1.01	41.73 -0.49 -0.99	41.56 -0.37 -0.97	41.13 -0.33 0.00	49.19 -0.24 -0.91	54.66 -0.22 -0.48	59.88 -0.12 0.00	55.46 -0.06 0.00	45.51 -0.09 0.00	40.46 -0.08 0.00	40.09 0.00 0.00
NUMBER_THREE_WT_PWR 323818	38.30 -0.11 0.00	36.82 -0.18 0.00	35.13 -0.25 0.00	34.34 -0.21 0.00	36.05 -0.18 0.00	41.15 -0.25 0.00	51.96 0.05 0.00	59.39 0.42 0.00	54.24 0.00 0.00	49.84 -0.30 0.00	49.59 -0.40 0.00	48.22 -0.58 0.00	43.49 -0.71 0.00	41.82 -0.77 0.00	40.98 -0.25 0.00	40.75 -0.20 0.00	40.84 -0.62 0.00	48.23 -0.29 0.00	54.44 0.05 0.00	60.30 0.30 0.00	55.74 0.22 0.00	45.70 0.09 0.00	40.34 -0.20 0.00	39.76 -0.32 0.00
NYISO_LBMP_REFERENCE 24008	38.42 0.00 0.00	37.00 0.00 0.00	35.37 0.00 0.00	34.55 0.00 0.00	36.23 0.00 0.00	41.40 0.00 0.00	51.91 0.00 0.00	58.97 0.00 0.00	54.24 0.00 0.00	50.14 0.00 0.00	49.99 0.00 0.00	48.80 0.00 0.00	44.20 0.00 0.00	42.58 0.00 0.00	41.23 0.00 0.00	40.95 0.00 0.00	41.46 0.00 0.00	48.52 0.00 0.00	54.39 0.00 0.00	60.00 0.00 0.00	55.51 0.00 0.00	45.61 0.00 0.00	40.54 0.00 0.00	40.09 0.00 0.00

NYPA_BRENTWD____GT 24164	41.12	39.79	38.10	37.36	39.17	51.72	56.11	63.81	58.63	54.30	54.55	54.30	51.85	51.85	45.39	44.68	51.80	52.84	58.96	65.34	60.18	51.10	48.71	43.99
	2.69	2.78	2.72	2.80	2.93	3.35	4.20	4.84	4.39	4.16	4.55	4.64	4.29	4.18	3.83	3.73	3.86	4.32	4.57	5.34	4.66	4.15	3.61	3.37
	-0.01	-0.01	-0.01	-0.01	-0.01	-6.96	0.00	0.00	0.00	0.00	-0.01	-0.86	-3.37	-5.09	-0.33	-0.01	-6.49	-0.01	0.00	0.00	0.00	-1.35	-4.56	-0.54
NYPA_GOWANUS____GT5 24156	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
NYPA_GOWANUS____GT6 24157	54.15	53.48	53.51	44.09	38.48	53.54	55.55	63.70	59.21	82.21	62.09	63.96	89.22	69.97	71.39	65.74	73.75	97.58	97.58	97.57	97.57	60.35	56.72	54.96
	2.19	2.22	2.19	2.18	2.25	2.53	3.63	4.72	4.28	4.06	4.00	4.05	3.75	3.66	3.38	3.23	3.32	3.79	4.13	4.56	4.22	3.46	3.93	2.65
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
NYPA_HARLEM__RVR__GT1 24160	40.12	38.75	37.11	36.29	38.01	43.35	54.96	62.97	57.92	53.64	53.54	52.40	47.55	45.85	44.23	43.81	44.40	51.81	57.92	63.77	59.06	48.56	43.25	42.18
	1.69	1.74	1.73	1.73	1.77	1.95	3.06	4.01	3.69	3.51	3.55	3.61	3.36	3.28	3.01	2.87	2.94	3.30	3.53	3.78	3.56	2.96	2.72	2.08
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	40.12	38.75	37.11	36.29	38.01	43.35	54.96	62.97	57.92	53.64	53.54	52.40	47.55	45.85	44.23	43.81	44.40	51.81	57.92	63.77	59.06	48.56	43.25	42.18
	1.69	1.74	1.73	1.73	1.77	1.95	3.06	4.01	3.69	3.51	3.55	3.61	3.36	3.28	3.01	2.87	2.94	3.30	3.53	3.78	3.56	2.96	2.72	2.08
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYPA_KENT____GT 24152	48.26	47.25	46.61	40.81	38.33	49.31	55.45	63.52	58.80	72.32	60.03	61.58	76.40	65.48	66.41	60.24	67.00	81.40	83.54	83.25	81.26	56.21	51.89	49.59
	2.07	2.07	2.09	2.04	2.10	2.40	3.53	4.54	4.12	3.91	3.90	3.95	3.67	3.58	3.30	3.15	3.24	3.69	3.97	4.32	4.05	3.33	3.44	2.49
	-7.77	-8.18	-9.15	-4.22	-0.01	-5.51	-0.01	-0.01	-0.45	-18.27	-6.14	-8.82	-28.53	-19.32	-21.88	-16.13	-22.30	-29.19	-25.18	-18.93	-21.69	-7.27	-7.90	-7.01
NYPA_POUCH1____GT 24155	54.11	53.44	53.48	44.02	38.41	53.45	55.29	63.40	58.94	81.96	61.84	63.77	89.00	69.76	71.23	65.54	73.58	97.38	97.42	97.33	97.40	60.21	57.13	54.88
	2.15	2.18	2.16	2.11	2.17	2.44	3.37	4.42	4.01	3.81	3.75	3.85	3.54	3.45	3.22	3.03	3.15	3.59	3.97	4.32	4.05	3.33	4.34	2.57
	-13.54	-14.26	-15.95	-7.36	-0.01	-9.61	-0.01	-0.01	-0.69	-28.01	-8.10	-11.11	-41.26	-23.73	-26.78	-21.56	-28.97	-45.27	-39.06	-33.01	-37.84	-11.28	-12.25	-12.23
NYPA_VERNON____GT2 24162	42.37	41.06	39.66	37.57	38.23	45.05	55.34	63.40	58.46	62.43	57.97	59.19	63.57	60.99	61.43	54.73	60.25	65.17	69.50	68.98	64.95	52.11	47.10	44.25
	1.96	1.96	1.94	1.93	1.99	2.23	3.43	4.42	4.01	3.76	3.80	3.85	3.58	3.49	3.22	3.07	3.15	3.54	3.81	4.14	3.88	3.24	3.00	2.36
	-1.99	-2.10	-2.35	-1.09	-0.01	-1.41	-0.01	-0.01	-0.21	-8.53	-4.17	-6.54	-15.79	-14.92	-16.98	-10.71	-15.63	-13.11	-11.31	-4.84	-5.55	-3.27	-3.55	-1.80
NYPA_VERNON____GT3 24163	42.37	41.06	39.66	37.57	38.23	45.05	55.34	63.40	58.46	62.43	57.97	59.19	63.57	60.99	61.43	54.73	60.25	65.17	69.50	68.98	64.95	52.11	47.10	44.25
	1.96	1.96	1.94	1.93	1.99	2.23	3.43	4.42	4.01	3.76	3.80	3.85	3.58	3.49	3.22	3.07	3.15	3.54	3.81	4.14	3.88	3.24	3.00	2.36
	-1.99	-2.10	-2.35	-1.09	-0.01	-1.41	-0.01	-0.01	-0.21	-8.53	-4.17	-6.54	-15.79	-14.92	-16.98	-10.71	-15.63	-13.11	-11.31	-4.84	-5.55	-3.27	-3.55	-1.80
NYPA__ASTORIA_CC1 323568	40.35	38.93	37.32	36.46	38.22	43.64	55.29	63.34	58.30	58.30	56.80	57.55	57.55	57.55	57.55	51.62	56.04	58.57	63.82	64.08	59.34	50.43	45.31	42.42
	1.92	1.92	1.94	1.90	1.99	2.23	3.37	4.36	3.96	3.71	3.80	3.81	3.54	3.45	3.17	3.07	3.11	3.54	3.81	4.08	3.83	3.19	3.00	2.32
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-0.11	-4.45	-3.01	-4.94	-9.81	-11.52	-13.15	-7.60	-11.47	-6.51	-5.62	0.00	0.00	-1.63	-1.77	-0.01
NYPA__ASTORIA_CC2 323569	40.35	38.93	37.32	36.46	38.22	43.64	55.29	63.34	58.30	58.30	56.80	57.55	57.55	57.55	57.55	51.62	56.04	58.57	63.82	64.08	59.34	50.43	45.31	42.42
	1.92	1.92	1.94	1.90	1.99	2.23	3.37	4.36	3.96	3.71	3.80	3.81	3.54	3.45	3.17	3.07	3.11	3.54	3.81	4.08	3.83	3.19	3.00	2.32
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-0.11	-4.45	-3.01	-4.94	-9.81	-11.52	-13.15	-7.60	-11.47	-6.51	-5.62	0.00	0.00	-1.63	-1.77	-0.01
NYPA__HOLTSVILL 23794	40.89	39.68	38.00	37.26	39.02	51.60	55.80	63.22	58.03	53.80	54.05	53.81	51.41	51.38	44.94	44.24	51.39	52.31	58.41	64.80	59.68	50.65	48.43	43.79
	2.46	2.67	2.62	2.70	2.79	3.23	3.90	4.25	3.80	3.66	4.05	4.15	3.84	3.70	3.38	3.28	3.44	3.79	4.02	4.80	4.17	3.69	3.33	3.17
	-0.01	-0.01	-0.01	-0.01	-0.01	-6.96	0.00	0.00	0.00	0.00	-0.01	-0.86	-3.37	-5.09	-0.33	-0.01	-6.49	-0.01	0.00	0.00	0.00	-1.35	-4.56	-0.54
NYPA__HELLGATE_GT1 24158	40.12	38.75	37.11	36.29	38.01	43.35	54.96	62.97	57.92	53.64	53.54	52.40	47.55	45.85	44.23	43.81	44.40	51.81	57.92	63.77	59.06	48.56	43.25	42.18
	1.69	1.74	1.73	1.73	1.77	1.95	3.06	4.01	3.69	3.51	3.55	3.61	3.36	3.28	3.01	2.87	2.94	3.30	3.53	3.78	3.56	2.96	2.72	2.08
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYPA__HELLGATE_GT2 24159	40.12	38.75	37.11	36.29	38.01	43.35	54.96	62.97	57.92	53.64	53.54	52.40	47.55	45.85	44.23	43.81	44.40	51.81	57.92	63.77	59.06	48.56	43.25	42.18
	1.69	1.74	1.73	1.73	1.77	1.95	3.06	4.01	3.69	3.51	3.55	3.61	3.36	3.28	3.01	2.87	2.94	3.30	3.53	3.78	3.56	2.96	2.72	2.08
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01
NYS_BARGE__HYD 23848	35.04	33.60	32.08	31.30	33.11	38.21	47.03	52.72	48.75	37.43	38.49	36.08	32.38	31.01	30.39	29.98	32.30	36.67	45.50	53.73	49.77	40.64	36.33	36.56
	-3.38	-3.40	-3.29	-3.25	-3.12	-3.19	-4.88	-6.25	-5.48	-4.61	-4.65	-4.88	-4.64	-4.64	-4.04	-4.26	-4.35	-4.90	-5.98	-6.24	-5.72	-4.93	-4.22	-3.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	8.10	6.85	7.84	7.18	6.93	6.80	6.71	4.81	6.95	2.90	0.03	0.03	0.04	0.00	0.00

OAK ORCHARD___HYD 24046	36.61 -1.81 0.00	35.12 -1.89 0.00	33.57 -1.80 0.00	32.75 -1.80 0.00	34.52 -1.70 0.00	39.74 -1.66 0.00	49.37 -2.54 0.00	55.73 -3.24 0.00	51.47 -2.76 0.00	44.98 -2.06 3.10	45.33 -2.05 2.62	43.42 -2.39 2.99	39.07 -2.39 2.74	37.51 -2.43 2.65	36.64 -1.94 2.65	36.18 -2.21 2.56	38.55 -1.99 0.92	44.13 -2.13 2.25	50.62 -2.72 1.06	56.93 -3.06 0.01	53.01 -2.50 0.01	43.19 -2.37 0.05	38.39 -2.15 0.00	38.28 -1.80 0.00
OAKDALE___35_KV_LOAD 356122	38.00 -0.42 0.00	36.56 -0.44 0.00	34.95 -0.42 0.00	34.14 -0.41 0.00	35.90 -0.33 0.00	41.11 -0.29 0.00	51.55 -0.36 0.00	58.50 -0.47 0.00	53.59 -0.65 0.00	48.64 -0.75 0.75	47.45 -0.80 1.75	45.92 -0.88 2.00	41.53 -0.84 1.83	39.96 -0.85 1.77	38.69 -0.78 1.76	38.46 -0.78 1.71	40.67 -0.79 0.00	46.31 -0.82 1.38	52.78 -0.87 0.74	59.34 -0.66 0.00	54.74 -0.78 0.00	45.01 -0.59 0.01	40.10 -0.45 0.00	39.77 -0.32 0.00
OCC_CHEM___DRP 24175	34.73 -3.69 0.00	33.27 -3.74 0.00	31.83 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.27 -5.05 6.67	35.84 -5.32 7.64	32.13 -5.08 6.99	30.81 -5.02 6.75	29.66 -4.95 6.62	29.79 -4.63 6.53	32.32 -4.60 4.54	36.52 -5.29 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	36.16 -4.38 0.00	36.12 -3.97 0.00
OH_GEN_PROXY 24063	35.08 -3.34 0.00	33.64 -3.37 0.00	32.12 -3.25 0.00	31.37 -3.18 0.00	33.15 -3.08 0.00	38.21 -3.19 0.00	46.98 -4.93 0.00	52.60 -6.37 0.00	48.64 -5.59 0.01	38.12 -4.56 7.46	39.08 -4.60 6.31	36.74 -4.83 7.23	32.99 -4.60 6.61	31.64 -4.56 6.39	31.00 -3.96 6.27	30.59 -4.18 6.18	33.02 -4.23 4.21	37.40 -4.80 6.31	45.80 -5.93 2.66	53.61 -6.36 0.03	49.66 -5.83 0.03	40.64 -4.93 0.03	36.29 -4.26 0.00	36.52 -3.57 0.00
OLIN_CORP_DRP 24177	34.65 -3.77 0.00	33.19 -3.81 0.00	31.73 -3.64 0.00	30.96 -3.59 0.00	32.75 -3.48 0.00	37.80 -3.60 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.04 -6.18 0.01	37.11 -5.21 7.81	38.13 -5.25 6.61	35.77 -5.47 7.57	32.06 -5.22 6.92	30.78 -5.11 6.69	29.64 -5.03 6.56	29.73 -4.75 6.47	32.22 -4.81 4.44	36.41 -5.48 6.63	44.96 -6.64 2.79	52.95 -7.02 0.03	48.99 -6.50 0.03	40.05 -5.52 0.04	36.08 -4.46 0.00	36.08 -4.01 0.00
OLIN_CORP_DSASP 323712	34.73 -3.69 0.00	33.30 -3.70 0.00	31.84 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.22 -5.10 6.67	35.85 -5.32 7.64	32.17 -5.04 6.99	30.81 -5.03 6.75	30.32 -4.29 6.62	29.83 -4.59 6.53	32.32 -4.60 4.54	36.56 -5.24 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	35.88 -4.66 0.00	36.12 -3.97 0.00
ONEIDA_HERK_LFGE 323681	38.84 0.42 0.00	37.37 0.37 0.00	35.65 0.28 0.00	34.86 0.31 0.00	36.55 0.33 0.00	41.77 0.37 0.00	52.64 0.73 0.00	60.09 1.12 0.00	55.05 0.81 0.00	50.74 0.60 0.00	50.55 0.55 0.00	49.19 0.39 0.00	44.42 0.22 0.00	42.75 0.17 0.00	41.60 0.37 0.00	41.36 0.41 0.00	41.71 0.25 0.00	49.05 0.53 0.00	55.21 0.82 0.00	61.02 1.02 0.00	56.40 0.89 0.00	46.24 0.64 0.00	40.95 0.41 0.00	40.41 0.32 0.00
ONEIDA___115KV_TB4 55905	39.15 0.73 0.00	37.67 0.67 0.00	35.97 0.60 0.00	35.21 0.66 0.00	36.91 0.69 0.00	42.23 0.83 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.54 1.30 0.00	51.19 1.05 0.00	50.94 0.95 0.00	49.58 0.78 0.00	44.82 0.62 0.00	43.09 0.51 0.00	41.80 0.58 0.00	41.56 0.61 0.00	42.04 0.58 0.00	49.44 0.92 0.00	55.59 1.20 0.00	61.50 1.50 0.00	56.85 1.33 0.00	46.65 1.05 0.00	41.35 0.81 0.00	40.81 0.72 0.00
ONONDAGA_REF_OCCRA 23987	38.04 -0.38 0.00	36.60 -0.41 0.00	35.02 -0.35 0.00	34.21 -0.35 0.00	35.90 -0.33 0.00	41.11 -0.29 0.00	51.55 -0.36 0.00	58.50 -0.47 0.00	53.86 -0.38 0.00	50.68 -0.35 -0.89	50.32 -0.40 -0.73	49.10 -0.54 -0.84	44.44 -0.53 -0.77	42.77 -0.55 -0.74	41.38 -0.58 -0.73	41.17 -0.49 -0.72	40.96 -0.50 0.00	48.68 -0.49 -0.64	54.19 -0.54 -0.34	59.52 -0.48 0.00	55.13 -0.39 0.00	45.29 -0.32 0.00	40.30 -0.24 0.00	39.85 -0.24 0.00
ONONDAGA___COGEN 23986	38.11 -0.31 0.00	36.71 -0.30 0.00	35.12 -0.25 0.00	34.31 -0.24 0.00	36.01 -0.22 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.69 -0.30 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.07 -0.51 0.00	40.69 -0.54 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.34 -0.20 0.00	39.89 -0.20 0.00
ONTARIO___LFGE 23819	37.65 -0.77 0.00	36.19 -0.81 0.00	34.59 -0.78 0.00	33.76 -0.79 0.00	35.54 -0.69 0.00	40.86 -0.54 0.00	51.39 -0.52 0.00	58.09 -0.88 0.00	53.75 -0.49 -0.01	48.34 -0.65 1.15	48.28 -0.80 0.91	46.68 -1.07 1.05	42.10 -1.15 0.95	40.47 -1.19 0.92	39.07 -1.20 0.96	39.00 -1.06 0.89	43.23 -1.12 -2.89	47.87 -1.02 -0.37	53.04 -1.04 0.32	59.00 -1.02 -0.02	54.70 -0.83 -0.02	44.79 -0.82 0.00	39.77 -0.77 0.00	39.53 -0.56 0.00
ORANGEVILLE_WT_PWR 323706	35.00 -3.42 0.00	33.60 -3.40 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.07 -3.15 0.00	38.13 -3.27 0.00	47.45 -4.46 0.00	53.49 -5.48 0.00	49.29 -4.88 0.07	7.75 -4.66 37.73	13.23 -4.80 31.97	7.23 -4.98 36.59	6.03 -4.69 33.48	5.55 -4.68 32.35	5.37 -4.49 31.37	5.22 -4.42 31.30	5.92 -4.73 30.81	7.37 -5.24 35.91	34.61 -5.88 13.91	53.68 -6.12 0.20	49.55 -5.77 0.20	40.74 -4.84 0.03	36.37 -4.18 0.00	36.56 -3.53 0.00
ORANGEVILLE___ESR 323794	35.00 -3.42 0.00	33.60 -3.40 0.00	32.08 -3.29 0.00	31.30 -3.25 0.00	33.07 -3.15 0.00	38.13 -3.27 0.00	47.45 -4.46 0.00	53.49 -5.48 0.00	49.29 -4.88 0.07	7.75 -4.66 37.73	13.23 -4.80 31.97	7.23 -4.98 36.59	6.03 -4.69 33.48	5.55 -4.68 32.35	5.37 -4.49 31.37	5.22 -4.42 31.30	5.92 -4.73 30.81	7.37 -5.24 35.91	34.61 -5.88 13.91	53.68 -6.12 0.20	49.55 -5.77 0.20	40.74 -4.84 0.03	36.37 -4.18 0.00	36.56 -3.53 0.00
OSWEGATCHIE___HYD 24044	37.73 -0.69 0.00	36.30 -0.70 0.00	34.59 -0.78 0.00	33.79 -0.76 0.00	35.46 -0.76 0.00	40.41 -0.99 0.00	50.92 -0.99 0.00	58.09 -0.88 0.00	53.09 -1.14 0.00	48.84 -1.30 0.00	48.65 -1.35 0.00	47.34 -1.46 0.00	42.74 -1.46 0.00	41.18 -1.40 0.00	40.12 -1.11 0.00	39.89 -1.06 0.00	40.22 -1.24 0.00	47.41 -1.11 0.00	53.35 -1.04 0.00	59.04 -0.96 0.00	54.62 -0.89 0.00	44.83 -0.78 0.00	39.57 -0.97 0.00	39.04 -1.04 0.00
OSWEGO___5 23606	37.50 -0.92 0.00	36.11 -0.89 0.00	34.52 -0.85 0.00	33.76 -0.79 0.00	35.39 -0.83 0.00	40.49 -0.91 0.00	50.66 -1.25 0.00	57.44 -1.53 0.00	52.88 -1.35 0.00	48.94 -1.20 0.00	48.75 -1.25 0.00	47.49 -1.32 0.00	42.96 -1.24 0.00	41.35 -1.24 0.00	40.07 -1.15 0.00	39.80 -1.15 0.00	40.30 -1.16 0.00	47.21 -1.31 0.00	52.92 -1.47 0.00	58.44 -1.56 0.00	54.07 -1.44 0.00	44.47 -1.14 0.00	39.57 -0.97 0.00	39.20 -0.88 0.00

OSWEGO___6 23613	37.50 -0.92 0.00	36.11 -0.89 0.00	34.52 -0.85 0.00	33.76 -0.79 0.00	35.39 -0.83 0.00	40.49 -0.91 0.00	50.66 -1.25 0.00	57.44 -1.53 0.00	52.88 -1.35 0.00	48.94 -1.20 0.00	48.75 -1.25 0.00	47.49 -1.32 0.00	42.96 -1.24 0.00	41.35 -1.24 0.00	40.07 -1.15 0.00	39.80 -1.15 0.00	40.30 -1.16 0.00	47.21 -1.31 0.00	52.92 -1.47 0.00	58.44 -1.56 0.00	54.07 -1.44 0.00	44.47 -1.14 0.00	39.57 -0.97 0.00	39.20 -0.88 0.00
OUTOKUMPU-AB___DRP 24206	35.35 -3.07 0.00	33.86 -3.15 0.00	32.37 -3.01 0.00	31.58 -2.97 0.00	33.40 -2.83 0.00	38.59 -2.82 0.00	47.50 -4.41 0.00	53.25 -5.72 0.00	49.24 -4.99 0.01	38.15 -4.26 7.73	39.20 -4.25 6.54	36.87 -4.44 7.49	33.11 -4.24 6.85	31.75 -4.22 6.62	30.65 -4.08 6.49	30.70 -3.85 6.40	33.03 -4.10 4.32	37.37 -4.61 6.54	45.97 -5.66 2.76	54.15 -5.82 0.03	49.99 -5.50 0.03	40.92 -4.65 0.04	36.93 -3.61 0.00	36.88 -3.21 0.00
OXBOW___BTM 323836	34.96 -3.46 0.00	33.52 -3.48 0.00	32.05 -3.33 0.00	31.23 -3.32 0.00	33.07 -3.15 0.00	38.13 -3.27 0.00	46.88 -5.03 0.00	52.54 -6.43 0.00	48.58 -5.64 0.01	37.62 -4.72 7.80	38.64 -4.75 6.60	36.31 -4.93 7.56	32.64 -4.64 6.92	31.26 -4.64 6.68	30.63 -4.04 6.56	30.22 -4.26 6.47	32.63 -4.40 4.43	36.95 -4.95 6.62	45.45 -6.15 2.79	53.49 -6.48 0.03	49.49 -6.00 0.03	40.46 -5.11 0.04	36.21 -4.34 0.00	36.44 -3.65 0.00
OXBOW____ 24026	34.96 -3.46 0.00	33.49 -3.52 0.00	32.05 -3.32 0.00	31.23 -3.32 0.00	33.04 -3.19 0.00	38.13 -3.27 0.00	46.87 -5.04 0.00	52.54 -6.43 0.00	48.59 -5.64 0.01	37.62 -4.71 7.80	38.64 -4.75 6.60	36.31 -4.93 7.56	32.55 -4.73 6.92	31.26 -4.64 6.68	30.10 -4.58 6.56	30.18 -4.30 6.47	32.64 -4.39 4.43	36.90 -5.00 6.62	45.45 -6.15 2.79	53.49 -6.48 0.03	49.49 -6.00 0.03	40.46 -5.11 0.04	36.49 -4.05 0.00	36.44 -3.65 0.00
OXY_CHEM_DSASP 323612	34.73 -3.69 0.00	33.27 -3.74 0.00	31.83 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.27 -5.05 6.67	35.84 -5.32 7.64	32.13 -5.08 6.99	30.81 -5.02 6.75	29.66 -4.95 6.62	29.79 -4.63 6.53	32.32 -4.60 4.54	36.52 -5.29 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	36.16 -4.38 0.00	36.12 -3.97 0.00
OZONE_PARK_ESR 323760	40.34 1.92 0.00	38.96 1.96 0.00	37.32 1.95 0.00	36.45 1.90 0.00	38.18 1.96 0.00	43.64 2.24 0.00	55.39 3.48 0.00	63.45 4.48 0.00	58.30 4.07 0.00	54.00 3.86 0.00	53.89 3.90 0.00	52.75 3.95 0.00	47.87 3.67 0.00	46.12 3.53 0.00	44.61 3.38 0.00	44.06 3.11 0.00	44.65 3.19 0.00	52.16 3.64 0.00	58.31 3.92 0.00	64.32 4.32 0.00	59.51 4.00 0.00	48.89 3.28 0.00	43.18 2.64 0.00	42.41 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.73 -3.69 0.00	33.27 -3.74 0.00	31.83 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.27 -5.05 6.67	35.84 -5.32 7.64	32.13 -5.08 6.99	30.81 -5.02 6.75	29.66 -4.95 6.62	29.79 -4.63 6.53	32.32 -4.60 4.54	36.52 -5.29 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	36.16 -4.38 0.00	36.12 -3.97 0.00
PACKARD__115KV_DUPONT_184 80571	34.73 -3.69 0.00	33.27 -3.74 0.00	31.83 -3.54 0.00	31.06 -3.49 0.00	32.82 -3.41 0.00	37.88 -3.52 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.10 -6.13 0.01	37.20 -5.06 7.88	38.27 -5.05 6.67	35.84 -5.32 7.64	32.13 -5.08 6.99	30.81 -5.02 6.75	29.66 -4.95 6.62	29.79 -4.63 6.53	32.32 -4.60 4.54	36.52 -5.29 6.71	45.04 -6.53 2.82	52.95 -7.02 0.03	49.10 -6.38 0.03	40.14 -5.43 0.04	36.16 -4.38 0.00	36.12 -3.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.23 1.81 -0.01	38.86 1.85 -0.01	37.18 1.80 -0.01	36.36 1.80 -0.01	38.08 1.85 -0.01	43.43 2.03 0.00	55.02 3.11 0.01	63.03 4.07 0.01	57.92 3.69 0.01	53.64 3.51 0.01	53.54 3.55 0.01	52.40 3.61 0.01	47.55 3.36 0.01	45.81 3.24 0.01	44.31 3.09 0.01	43.81 2.87 0.01	44.40 2.94 0.01	51.81 3.30 0.01	57.92 3.54 0.01	63.84 3.84 0.00	59.07 3.55 0.00	48.56 2.96 0.01	42.93 2.39 0.01	42.26 2.16 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.39 1.96 -0.01	39.05 2.04 -0.01	37.40 2.02 -0.01	36.56 2.00 -0.01	38.33 2.10 -0.01	43.68 2.28 0.00	55.38 3.48 0.01	63.38 4.42 0.01	58.24 4.01 0.01	53.84 3.71 0.01	53.69 3.70 0.01	52.55 3.76 0.01	47.64 3.45 0.01	45.90 3.32 0.01	44.39 3.17 0.01	43.85 2.91 0.01	44.44 2.99 0.01	51.86 3.35 0.01	58.03 3.64 0.01	63.96 3.96 0.00	59.23 3.72 0.00	48.70 3.10 0.01	43.01 2.47 0.01	42.30 2.20 -0.01
PATROON__115KV_TB1 80586	39.30 0.88 0.00	37.89 0.89 0.00	36.26 0.88 0.00	35.41 0.86 0.00	37.06 0.83 0.00	42.40 0.99 0.00	53.31 1.40 0.00	60.86 1.89 0.00	56.08 1.84 0.00	51.84 1.70 0.00	51.64 1.65 0.00	50.56 1.76 0.00	45.84 1.64 0.00	44.16 1.58 0.00	42.71 1.48 0.00	42.34 1.39 0.00	42.83 1.37 0.00	49.97 1.46 0.00	56.13 1.74 0.00	61.86 1.86 0.00	57.35 1.83 0.00	47.07 1.46 0.00	41.76 1.22 0.00	41.33 1.24 0.00
PATTRSNVILLE___SOLAR 323815	39.76 1.34 0.00	38.30 1.29 0.00	36.64 1.27 0.00	35.79 1.24 0.00	37.46 1.23 0.00	42.93 1.53 0.00	53.93 2.02 0.00	61.50 2.53 0.00	56.57 2.33 0.00	52.15 2.01 0.00	51.85 1.85 0.00	50.55 1.75 0.00	45.84 1.64 0.00	44.16 1.58 0.00	42.67 1.44 0.00	42.42 1.47 0.00	43.04 1.58 0.00	50.41 1.89 0.00	56.73 2.34 0.00	62.70 2.70 0.00	58.07 2.56 0.00	47.61 2.00 0.00	42.37 1.83 0.00	41.85 1.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.85 -2.57 0.00	34.34 -2.66 0.00	32.83 -2.55 0.00	32.03 -2.52 0.00	33.91 -2.32 0.00	39.17 -2.24 0.00	48.48 -3.43 0.00	54.31 -4.66 0.00	50.16 -4.07 0.01	38.83 -4.41 6.90	39.75 -4.40 5.84	38.01 -4.10 6.69	34.37 -3.71 6.12	33.01 -3.66 5.91	32.20 -3.22 5.81	32.00 -3.24 5.72	33.67 -4.60 3.19	37.69 -5.24 5.59	46.01 -5.93 2.45	54.82 -5.16 0.02	49.55 -5.94 0.02	41.24 -4.33 0.03	37.42 -3.12 0.00	37.52 -2.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.26 1.84 0.00	38.85 1.85 0.00	37.18 1.80 0.00	36.35 1.80 0.00	38.07 1.85 0.00	43.51 2.11 0.00	55.08 3.17 0.00	63.10 4.13 0.00	58.09 3.85 0.00	53.70 3.56 0.00	53.64 3.65 0.00	52.41 3.61 0.00	47.56 3.36 0.00	45.82 3.24 0.00	44.24 3.01 0.00	43.82 2.87 0.00	44.36 2.90 0.00	51.82 3.30 0.00	58.09 3.70 0.00	64.14 4.14 0.00	59.23 3.72 0.00	48.57 2.96 0.00	42.98 2.43 0.00	42.33 2.24 0.00
PEEKSKILL____ 23653	39.76 1.34 0.00	38.37 1.37 0.00	36.75 1.38 0.00	35.90 1.35 0.00	37.64 1.41 0.00	43.01 1.61 0.00	54.35 2.44 0.00	62.21 3.24 0.00	57.16 2.93 0.00	52.90 2.76 0.00	52.79 2.80 0.00	51.63 2.83 0.00	46.85 2.65 0.00	45.18 2.60 0.00	43.58 2.35 0.00	43.24 2.29 0.00	43.78 2.32 0.00	51.09 2.57 0.00	57.27 2.88 0.00	63.18 3.18 0.00	58.46 2.94 0.00	47.98 2.37 0.00	42.53 1.99 0.00	41.81 1.72 0.00

PGE MADISON___WINDPWR 24146	40.61 2.19 0.00	38.93 1.92 0.00	36.97 1.59 0.00	36.14 1.59 0.00	37.89 1.67 0.00	43.39 1.99 0.00	54.92 3.01 0.00	62.86 3.89 0.00	57.33 3.09 0.00	58.89 2.56 -6.19	57.33 2.35 -4.98	56.46 1.95 -5.71	50.97 1.55 -5.22	48.95 1.32 -5.04	47.38 1.20 -4.96	47.26 1.43 -4.88	44.07 1.58 -1.03	55.47 2.52 -4.43	60.01 3.43 -2.19	64.26 4.26 -0.01	59.24 3.72 -0.01	48.43 2.83 0.00	42.65 2.11 0.00	42.09 2.00 0.00
PIERCEFIELD___HYD 23852	37.84 -0.58 0.00	36.45 -0.56 0.00	34.70 -0.67 0.00	33.86 -0.69 0.00	35.50 -0.72 0.00	40.41 -0.99 0.00	50.77 -1.14 0.00	57.67 -1.30 0.00	52.83 -1.41 0.00	48.64 -1.50 0.00	48.54 -1.45 0.00	47.34 -1.46 0.00	42.83 -1.37 0.00	41.31 -1.28 0.00	40.11 -1.11 0.00	39.84 -1.11 0.00	40.34 -1.12 0.00	47.40 -1.12 0.00	53.19 -1.20 0.00	58.68 -1.32 0.00	54.35 -1.17 0.00	44.65 -0.96 0.00	39.49 -1.05 0.00	39.00 -1.08 0.00
PINELAWN_CC_1 323563	40.89 2.46 -0.01	39.49 2.48 -0.01	37.86 2.48 -0.01	37.05 2.49 -0.01	38.84 2.61 -0.01	51.39 3.02 -6.96	55.70 3.79 0.00	63.39 4.42 0.00	58.25 4.01 0.00	54.00 3.86 0.00	54.20 4.20 -0.01	53.96 4.30 -0.86	51.59 4.02 -3.37	51.59 3.92 -5.09	45.18 3.63 -0.33	44.48 3.52 -0.01	51.64 3.69 -6.49	52.55 4.02 -0.01	58.63 4.25 0.00	64.86 4.86 0.00	59.79 4.27 0.00	50.88 3.92 -1.35	48.43 3.33 -4.56	43.67 3.05 -0.54
PJM_GEN_HTP_PROXY 323702	40.07 1.65 0.00	38.67 1.67 0.00	37.07 1.70 0.00	36.24 1.69 0.00	37.96 1.74 0.00	43.35 1.95 0.00	54.97 3.06 0.00	62.98 4.01 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.32 3.52 0.00	47.47 3.27 0.00	45.78 3.20 0.00	44.15 2.93 0.00	43.74 2.79 0.00	44.32 2.86 0.00	51.72 3.20 0.00	57.82 3.43 0.00	63.72 3.72 0.00	59.01 3.50 0.00	48.48 2.87 0.00	42.89 2.35 0.00	42.13 2.04 0.00
PJM_GEN_KEystone 24065	37.73 -0.69 0.00	36.34 -0.66 0.00	34.77 -0.60 0.00	33.96 -0.59 0.00	35.75 -0.47 0.00	40.95 -0.45 0.00	51.39 -0.52 0.00	58.32 -0.65 0.00	53.64 -0.60 0.00	47.60 -0.65 1.89	47.80 -0.60 1.60	46.39 -0.58 1.83	42.00 -0.53 1.67	40.46 -0.51 1.62	39.00 -0.62 1.61	38.85 -0.53 1.56	40.67 -0.79 0.00	46.38 -0.92 1.21	52.60 -1.14 0.64	59.10 -0.90 0.00	54.46 -1.06 0.00	44.82 -0.78 0.01	39.85 -0.69 0.00	39.61 -0.48 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.35 1.92 -0.01	38.97 1.96 -0.01	37.32 1.94 -0.01	36.56 2.00 -0.01	38.30 2.06 -0.01	47.50 2.36 -3.74	55.08 3.17 0.00	62.86 3.89 0.00	57.82 3.58 0.00	53.55 3.41 0.00	53.70 3.70 -0.01	53.07 3.81 -0.46	49.55 3.54 -1.81	48.76 3.45 -2.73	44.54 3.13 -0.18	43.99 3.03 -0.01	48.05 3.11 -3.48	51.97 3.45 -0.01	58.03 3.64 0.00	64.08 4.08 0.00	59.18 3.66 0.00	49.57 3.24 -0.73	45.71 2.72 -2.45	42.82 2.45 -0.29
PJM_GEN_VFT_PROXY 323633	39.84 1.42 0.00	38.48 1.48 0.00	36.89 1.52 0.00	36.04 1.48 0.00	37.75 1.52 0.00	43.14 1.74 0.00	54.71 2.80 0.00	62.69 3.72 0.00	57.60 3.36 0.00	53.25 3.11 0.00	53.20 3.20 0.00	52.07 3.27 0.00	47.25 3.05 0.00	45.56 2.98 0.00	43.95 2.72 0.00	43.53 2.58 0.00	44.12 2.66 0.00	51.48 2.96 0.00	57.54 3.15 0.00	63.42 3.42 0.00	58.73 3.22 0.00	48.25 2.64 0.00	42.49 1.95 0.00	41.89 1.81 0.00
PLATSBURG_115KV_PMLD1 355749	38.73 0.31 0.00	37.04 0.04 0.00	35.05 -0.32 0.00	34.00 -0.55 0.00	35.50 -0.72 0.00	40.20 -1.20 0.00	50.04 -1.87 0.00	56.61 -2.36 0.00	52.12 -2.12 0.00	48.28 -1.86 0.00	48.34 -1.65 0.00	47.14 -1.66 0.00	42.88 -1.33 0.00	41.56 -1.02 0.00	40.61 -0.62 0.00	40.58 -0.37 0.00	41.46 0.00 0.00	48.76 0.24 0.00	54.61 0.22 0.00	58.98 -1.02 0.00	55.02 -0.50 0.00	44.56 -1.05 0.00	39.04 -1.50 0.00	38.60 -1.48 0.00
PLEASANTVLY___LBMP 24000	39.80 1.38 0.00	38.45 1.44 0.00	36.79 1.41 0.00	35.93 1.38 0.00	37.67 1.45 0.00	43.06 1.66 0.00	54.35 2.44 0.00	62.10 3.13 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.69 2.70 0.00	51.58 2.78 0.00	46.81 2.61 0.00	45.10 2.51 0.00	43.62 2.39 0.00	43.16 2.21 0.00	43.70 2.24 0.00	51.04 2.52 0.00	57.16 2.77 0.00	63.12 3.12 0.00	58.35 2.83 0.00	47.93 2.33 0.00	42.45 1.91 0.00	41.85 1.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.03 1.61 0.00	38.63 1.63 0.00	37.00 1.63 0.00	36.14 1.59 0.00	37.89 1.67 0.00	43.26 1.86 0.00	54.76 2.86 0.00	62.63 3.66 0.00	57.60 3.36 0.00	53.30 3.16 0.00	53.19 3.20 0.00	52.07 3.27 0.00	47.25 3.05 0.00	45.52 2.94 0.00	44.03 2.80 0.00	43.53 2.58 0.00	44.11 2.65 0.00	51.48 2.96 0.00	57.65 3.26 0.00	63.60 3.60 0.00	58.79 3.28 0.00	48.30 2.69 0.00	42.73 2.19 0.00	42.05 1.96 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.03 1.61 0.00	38.63 1.63 0.00	37.00 1.63 0.00	36.14 1.59 0.00	37.89 1.67 0.00	43.26 1.86 0.00	54.76 2.86 0.00	62.63 3.66 0.00	57.60 3.36 0.00	53.30 3.16 0.00	53.19 3.20 0.00	52.07 3.27 0.00	47.25 3.05 0.00	45.52 2.94 0.00	44.03 2.80 0.00	43.53 2.58 0.00	44.11 2.65 0.00	51.48 2.96 0.00	57.65 3.26 0.00	63.60 3.60 0.00	58.79 3.28 0.00	48.30 2.69 0.00	42.73 2.19 0.00	42.05 1.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.99 1.58 0.00	38.59 1.59 0.00	36.93 1.56 0.00	36.07 1.52 0.00	37.82 1.59 0.00	43.22 1.82 0.00	54.56 2.65 0.00	62.39 3.42 0.00	57.38 3.15 0.00	53.05 2.91 0.00	52.94 2.95 0.00	51.78 2.98 0.00	46.99 2.78 0.00	45.27 2.68 0.00	43.74 2.51 0.00	43.28 2.33 0.00	43.87 2.40 0.00	51.24 2.72 0.00	57.49 3.10 0.00	63.48 3.48 0.00	58.62 3.11 0.00	48.11 2.51 0.00	42.61 2.07 0.00	42.01 1.92 0.00
POLETTI___ 23519	40.07 1.65 0.00	38.71 1.70 0.00	37.11 1.73 0.00	36.24 1.69 0.00	37.96 1.74 0.00	43.35 1.95 0.00	54.92 3.01 0.00	62.92 3.95 0.00	57.82 3.58 0.00	53.50 3.36 0.00	53.39 3.40 0.00	52.27 3.46 0.00	47.43 3.23 0.00	45.73 3.15 0.00	44.24 3.01 0.00	43.69 2.74 0.00	44.28 2.82 0.00	51.67 3.15 0.00	57.76 3.37 0.00	63.72 3.72 0.00	58.96 3.44 0.00	48.48 2.87 0.00	42.85 2.31 0.00	42.13 2.04 0.00
POMONA___ESR 323819	39.76 1.34 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.90 1.35 0.00	37.64 1.41 0.00	43.01 1.61 0.00	54.35 2.44 0.00	62.21 3.24 0.00	57.16 2.93 0.00	52.90 2.76 0.00	52.84 2.85 0.00	51.68 2.88 0.00	46.90 2.70 0.00	45.18 2.60 0.00	43.62 2.39 0.00	43.24 2.29 0.00	43.78 2.32 0.00	51.09 2.57 0.00	57.27 2.88 0.00	63.18 3.18 0.00	58.46 2.94 0.00	47.98 2.37 0.00	42.53 1.99 0.00	41.81 1.72 0.00
PORT_JEFF_3 23555	41.16 2.73 -0.01	39.90 2.89 -0.01	38.21 2.83 -0.01	37.46 2.90 -0.01	39.24 3.01 -0.01	51.84 3.48 -6.96	56.11 4.20 0.00	63.63 4.66 0.00	58.41 4.18 0.00	54.15 4.01 -0.01	54.45 4.45 -0.86	54.25 4.59 -0.86	51.81 4.24 -3.37	51.77 4.09 -5.09	45.31 3.75 -0.33	44.65 3.69 -0.01	51.80 3.86 -6.49	52.80 4.27 -0.01	58.85 4.46 0.00	65.28 5.28 0.00	60.07 4.55 0.00	51.06 4.11 -1.35	48.80 3.69 -4.56	44.07 3.45 -0.54

PORT_JEFF_4 23616	41.00 2.57 -0.01	39.79 2.78 -0.01	38.10 2.72 -0.01	37.36 2.80 -0.01	39.13 2.90 -0.01	51.72 3.35 -6.96	55.96 4.05 0.00	63.39 4.42 0.00	58.19 3.96 0.00	53.95 3.81 0.00	54.20 4.20 -0.01	54.00 4.34 -0.86	51.59 4.02 -3.37	51.55 3.87 -5.09	45.10 3.55 -0.33	44.40 3.44 -0.01	51.55 3.61 -6.49	52.51 3.98 -0.01	58.58 4.19 0.00	65.04 5.04 0.00	59.85 4.33 0.00	50.83 3.87 -1.35	48.59 3.49 -4.56	43.91 3.29 -0.54
PORT_JEFF_IC 23713	41.11 2.69 0.00	39.89 2.89 0.00	38.17 2.79 0.00	37.38 2.83 0.00	39.23 3.01 0.00	51.79 3.44 -6.96	56.22 4.31 0.00	63.57 4.60 0.00	58.36 4.12 0.00	54.10 3.96 0.00	54.39 4.40 0.00	54.24 4.59 -0.85	51.76 4.20 -3.36	51.71 4.05 -5.09	45.46 3.92 -0.32	44.60 3.64 0.00	51.75 3.81 -6.48	52.64 4.12 0.00	58.80 4.41 0.00	65.28 5.28 0.00	60.01 4.50 0.00	51.01 4.06 -1.34	48.71 3.61 -4.56	44.02 3.41 -0.53
PPL PILGRIM_ST_GT1 24216	41.12 2.69 -0.01	39.79 2.78 -0.01	38.10 2.72 -0.01	37.36 2.80 -0.01	39.17 2.93 -0.01	51.72 3.35 -6.96	56.11 4.20 0.00	63.81 4.84 0.00	58.63 4.39 0.00	54.30 4.16 0.00	54.55 4.55 -0.01	54.30 4.64 -0.86	51.85 4.29 -3.37	51.85 4.18 -5.09	45.39 3.83 -0.33	44.68 3.73 -0.01	51.80 3.86 -6.49	52.84 4.32 -0.01	58.96 4.57 0.00	65.34 5.34 0.00	60.18 4.66 0.00	51.10 4.15 -1.35	48.71 3.61 -4.56	43.99 3.37 -0.54
PPL PILGRIM_ST_GT2 24217	41.12 2.69 -0.01	39.79 2.78 -0.01	38.10 2.72 -0.01	37.36 2.80 -0.01	39.17 2.93 -0.01	51.72 3.35 -6.96	56.11 4.20 0.00	63.81 4.84 0.00	58.63 4.39 0.00	54.30 4.16 0.00	54.55 4.55 -0.01	54.30 4.64 -0.86	51.85 4.29 -3.37	51.85 4.18 -5.09	45.39 3.83 -0.33	44.68 3.73 -0.01	51.80 3.86 -6.49	52.84 4.32 -0.01	58.96 4.57 0.00	65.34 5.34 0.00	60.18 4.66 0.00	51.10 4.15 -1.35	48.71 3.61 -4.56	43.99 3.37 -0.54
PPL_SHRM_GT3 24213	40.85 2.42 -0.01	39.86 2.85 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	55.85 3.94 0.00	62.69 3.72 0.00	57.55 3.31 0.00	53.30 3.16 0.00	53.55 3.55 -0.01	53.32 3.66 -0.86	50.93 3.36 -3.37	50.91 3.23 -5.09	44.48 2.93 -0.33	43.78 2.82 -0.01	50.97 3.03 -6.49	51.83 3.30 -0.01	57.92 3.53 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.28 3.33 -1.35	48.39 3.28 -4.56	43.87 3.25 -0.54
PPL_SHRM_GT4 24214	40.85 2.42 -0.01	39.86 2.85 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	55.85 3.94 0.00	62.69 3.72 0.00	57.55 3.31 0.00	53.30 3.16 0.00	53.55 3.55 -0.01	53.32 3.66 -0.86	50.93 3.36 -3.37	50.91 3.23 -5.09	44.48 2.93 -0.33	43.78 2.82 -0.01	50.97 3.03 -6.49	51.83 3.30 -0.01	57.92 3.53 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.28 3.33 -1.35	48.39 3.28 -4.56	43.87 3.25 -0.54
PROJECT___ORANGE 1 24174	37.92 -0.50 0.00	36.52 -0.48 0.00	34.91 -0.46 0.00	34.14 -0.41 0.00	35.83 -0.40 0.00	40.99 -0.41 0.00	51.39 -0.52 0.00	58.32 -0.65 0.00	53.69 -0.54 0.00	49.69 -0.45 0.00	49.49 -0.50 0.00	48.17 -0.63 0.00	43.58 -0.62 0.00	41.90 -0.68 0.00	40.53 -0.70 0.00	40.34 -0.61 0.00	40.84 -0.62 0.00	47.89 -0.63 0.00	53.68 -0.71 0.00	59.28 -0.72 0.00	54.90 -0.61 0.00	45.15 -0.46 0.00	40.18 -0.36 0.00	39.73 -0.36 0.00
PROJECT___ORANGE 2 24166	37.92 -0.50 0.00	36.52 -0.48 0.00	34.91 -0.46 0.00	34.14 -0.41 0.00	35.83 -0.40 0.00	40.99 -0.41 0.00	51.39 -0.52 0.00	58.32 -0.65 0.00	53.69 -0.54 0.00	49.69 -0.45 0.00	49.49 -0.50 0.00	48.17 -0.63 0.00	43.58 -0.62 0.00	41.90 -0.68 0.00	40.53 -0.70 0.00	40.34 -0.61 0.00	40.84 -0.62 0.00	47.89 -0.63 0.00	53.68 -0.71 0.00	59.28 -0.72 0.00	54.90 -0.61 0.00	45.15 -0.46 0.00	40.18 -0.36 0.00	39.73 -0.36 0.00
PUCKETT___SOLAR 323809	38.65 0.23 0.00	37.19 0.19 0.00	35.51 0.14 0.00	34.69 0.14 0.00	36.44 0.22 0.00	41.77 0.37 0.00	52.53 0.63 0.00	59.73 0.76 0.00	54.72 0.49 0.00	50.34 0.20 0.00	50.09 0.10 0.00	48.70 -0.10 0.00	43.98 -0.22 0.00	42.29 -0.30 0.00	40.77 -0.45 0.01	40.67 -0.28 0.00	41.21 -0.25 0.00	48.52 0.00 0.00	54.61 0.22 0.00	60.60 0.60 0.00	55.91 0.39 0.00	45.92 0.32 0.01	40.75 0.20 0.00	40.41 0.32 0.00
PYRITES___HYD 24023	38.69 0.27 0.00	37.26 0.26 0.00	35.48 0.11 0.00	34.62 0.07 0.00	36.33 0.11 0.00	41.36 -0.04 0.00	51.96 0.05 0.00	59.15 0.18 0.00	53.97 -0.27 0.00	49.64 -0.50 0.00	49.44 -0.55 0.00	48.21 -0.59 0.00	43.58 -0.62 0.00	42.03 -0.55 0.00	40.82 -0.41 0.00	40.50 -0.45 0.00	41.05 -0.41 0.00	48.33 -0.19 0.00	54.34 -0.05 0.00	60.06 0.06 0.00	55.63 0.11 0.00	45.61 0.00 0.00	40.30 -0.24 0.00	39.81 -0.28 0.00
QUAKERRD_115KV_BK1 80622	36.15 -2.27 0.00	34.71 -2.29 0.00	33.18 -2.19 0.00	32.41 -2.14 0.00	34.12 -2.10 0.00	39.21 -2.19 0.00	48.85 -3.06 0.00	55.49 -3.48 0.00	51.20 -3.04 0.00	45.95 -2.41 1.78	46.05 -2.45 1.50	44.40 -2.68 1.72	39.98 -2.65 1.57	38.43 -2.64 1.52	37.02 -2.72 1.48	37.03 -2.46 1.47	39.18 -2.28 0.00	44.88 -2.52 1.11	50.75 -3.05 0.59	56.58 -3.42 0.00	52.68 -2.83 0.00	43.02 -2.60 -0.01	38.31 -2.23 0.00	38.00 -2.08 0.00
QUEENSBRY_115KV_TB8 356137	40.61 2.19 0.00	39.04 2.04 0.00	37.39 2.02 0.00	36.52 1.97 0.00	38.15 1.92 0.00	43.84 2.44 0.00	54.09 2.18 0.00	61.92 2.95 0.00	57.17 2.93 0.00	52.80 2.66 0.00	52.44 2.45 0.00	51.24 2.44 0.00	46.46 2.25 0.00	44.67 2.09 0.00	43.17 1.94 0.00	42.79 1.84 0.00	43.29 1.82 0.00	50.51 1.99 0.00	56.89 2.50 0.00	62.88 2.88 0.00	58.40 2.89 0.00	47.79 2.19 0.00	43.26 2.72 0.00	42.81 2.73 0.00
RAMAPO___LBMP 323565	39.61 1.19 0.00	38.22 1.22 0.00	36.57 1.20 0.00	35.76 1.21 0.00	37.49 1.27 0.00	42.85 1.45 0.00	54.14 2.23 0.00	61.92 2.95 0.00	56.89 2.66 0.00	52.60 2.46 0.00	52.54 2.55 0.00	51.39 2.59 0.00	46.63 2.43 0.00	44.97 2.38 0.00	43.50 2.27 0.00	43.04 2.09 0.00	43.58 2.11 0.00	50.85 2.33 0.00	57.00 2.61 0.00	62.88 2.88 0.00	58.18 2.66 0.00	47.75 2.14 0.00	42.29 1.74 0.00	41.65 1.56 0.00
RANKINE____ 23646	35.65 -2.77 0.00	34.15 -2.85 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.96 -2.44 0.00	48.07 -3.84 0.00	53.90 -5.07 0.00	49.78 -4.45 0.01	38.91 -4.06 7.17	39.83 -4.10 6.07	37.75 -4.10 6.95	34.00 -3.85 6.36	32.61 -3.83 6.14	31.61 -3.59 6.04	31.53 -3.48 5.94	33.78 -4.10 3.57	37.96 -4.66 5.90	46.29 -5.55 2.55	54.64 -5.34 0.02	50.05 -5.44 0.02	41.19 -4.38 0.03	37.26 -3.28 0.00	37.28 -2.81 0.00
RAVENSWOOD_GT2_1 24244	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.92 3.69 0.00	53.60 3.46 0.00	53.49 3.50 0.00	52.36 3.56 0.00	47.52 3.32 0.00	45.82 3.24 0.00	44.32 3.09 0.00	43.78 2.83 0.00	44.36 2.90 0.00	51.77 3.25 0.00	57.93 3.54 0.00	63.84 3.84 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00

RAVENSWOOD_GT2_2 24245	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.92 3.69 0.00	53.60 3.46 0.00	53.49 3.50 0.00	52.36 3.56 0.00	47.52 3.32 0.00	45.82 3.24 0.00	44.32 3.09 0.00	43.78 2.83 0.00	44.36 2.90 0.00	51.77 3.25 0.00	57.93 3.54 0.00	63.84 3.84 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
RAVENSWOOD_GT2_3 24246	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.04 4.07 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.41 3.61 0.00	47.56 3.36 0.00	45.82 3.24 0.00	44.32 3.09 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.93 3.54 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
RAVENSWOOD_GT2_4 24247	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.43 2.03 0.00	55.08 3.17 0.00	63.04 4.07 0.00	57.98 3.74 0.00	53.65 3.51 0.00	53.54 3.55 0.00	52.41 3.61 0.00	47.56 3.36 0.00	45.82 3.24 0.00	44.32 3.09 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.82 3.30 0.00	57.93 3.54 0.00	63.90 3.90 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
RAVENSWOOD_GT3_1 24248	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.92 3.69 0.00	53.60 3.46 0.00	53.49 3.50 0.00	52.36 3.56 0.00	47.56 3.36 0.00	45.82 3.24 0.00	44.32 3.09 0.00	43.78 2.83 0.00	44.36 2.90 0.00	51.77 3.25 0.00	57.93 3.54 0.00	63.84 3.84 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
RAVENSWOOD_GT3_2 24249	40.15 1.73 0.00	38.78 1.78 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.92 3.69 0.00	53.60 3.46 0.00	53.49 3.50 0.00	52.36 3.56 0.00	47.56 3.36 0.00	45.82 3.24 0.00	44.32 3.09 0.00	43.78 2.83 0.00	44.36 2.90 0.00	51.77 3.25 0.00	57.93 3.54 0.00	63.84 3.84 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.21 2.12 0.00
RAVENSWOOD_GT3_3 24250	40.19 1.77 0.00	38.82 1.81 0.00	37.18 1.80 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.47 2.07 0.00	55.08 3.17 0.00	63.10 4.13 0.00	58.03 3.80 0.00	53.70 3.56 0.00	53.59 3.60 0.00	52.46 3.66 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.86 2.91 0.00	44.41 2.94 0.00	51.87 3.35 0.00	57.98 3.59 0.00	63.96 3.96 0.00	59.18 3.66 0.00	48.62 3.01 0.00	42.98 2.43 0.00	42.25 2.16 0.00
RAVENSWOOD_GT3_4 24251	40.19 1.77 0.00	38.82 1.81 0.00	37.18 1.80 0.00	36.31 1.76 0.00	38.04 1.81 0.00	43.47 2.07 0.00	55.08 3.17 0.00	63.10 4.13 0.00	58.03 3.80 0.00	53.70 3.56 0.00	53.59 3.60 0.00	52.46 3.66 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.86 2.91 0.00	44.41 2.94 0.00	51.87 3.35 0.00	57.98 3.59 0.00	63.96 3.96 0.00	59.18 3.66 0.00	48.62 3.01 0.00	42.98 2.43 0.00	42.25 2.16 0.00
RAVENSWOOD_GT_1 23729	42.37 1.96 -1.99	41.06 1.96 -2.10	39.66 1.95 -2.35	37.57 1.93 -1.09	38.23 1.99 -0.01	45.05 2.24 -1.41	55.34 3.43 -0.01	63.40 4.42 -0.01	58.46 4.01 -0.21	62.43 3.76 -8.53	57.97 3.80 -4.17	59.19 3.86 -6.54	63.58 3.58 -15.79	60.99 3.49 -14.92	61.55 3.34 -16.98	54.73 3.07 -10.71	60.25 3.15 -15.63	65.17 3.54 -13.11	69.51 3.81 -11.31	68.98 4.14 -4.84	64.95 3.89 -5.55	52.11 3.24 -3.27	46.69 2.59 -3.55	44.25 2.37 -1.80
RAVENSWOOD_GT_10 24258	40.15 1.73 0.00	38.78 1.78 0.00	37.10 1.73 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.91 3.69 0.01	53.15 3.46 0.45	53.19 3.50 0.30	51.86 3.56 0.50	46.53 3.32 0.99	44.66 3.24 1.16	42.99 3.09 1.33	43.01 2.83 0.77	43.21 2.90 1.16	51.11 3.25 0.66	57.36 3.54 0.57	63.84 3.84 0.00	59.12 3.61 0.00	48.41 2.96 0.16	42.76 2.39 0.18	42.21 2.12 0.00
RAVENSWOOD_GT_11 24259	40.15 1.73 0.00	38.78 1.78 0.00	37.10 1.73 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.91 3.69 0.01	53.15 3.46 0.45	53.19 3.50 0.30	51.86 3.56 0.50	46.53 3.32 0.99	44.66 3.24 1.16	42.99 3.09 1.33	43.01 2.83 0.77	43.21 2.90 1.16	51.11 3.25 0.66	57.36 3.54 0.57	63.84 3.84 0.00	59.12 3.61 0.00	48.41 2.96 0.16	42.76 2.39 0.18	42.21 2.12 0.00
RAVENSWOOD_GT_4 24252	41.62 1.69 -1.51	40.33 1.74 -1.59	38.88 1.73 -1.78	37.06 1.69 -0.82	37.96 1.74 0.01	44.46 1.99 -1.07	54.97 3.06 0.01	62.97 4.01 0.01	57.86 3.63 0.01	53.22 3.41 0.33	52.06 3.50 1.43	49.76 3.56 2.60	44.50 3.32 3.02	39.47 3.19 6.31	37.05 3.05 7.23	40.23 2.78 3.50	38.64 2.86 5.68	51.72 3.20 0.01	57.86 3.48 0.01	67.47 3.78 -3.69	63.29 3.55 -4.23	48.52 2.92 0.01	42.89 2.35 0.01	43.53 2.08 -1.36
RAVENSWOOD_GT_5 24254	41.62 1.69 -1.51	40.33 1.74 -1.59	38.88 1.73 -1.78	37.06 1.69 -0.82	37.96 1.74 0.01	44.46 1.99 -1.07	54.97 3.06 0.01	62.97 4.01 0.01	57.86 3.63 0.01	53.22 3.41 0.33	52.06 3.50 1.43	49.76 3.56 2.60	44.50 3.32 3.02	39.47 3.19 6.31	37.05 3.05 7.23	40.23 2.78 3.50	38.64 2.86 5.68	51.72 3.20 0.01	57.86 3.48 0.01	67.47 3.78 -3.69	63.29 3.55 -4.23	48.52 2.92 0.01	42.89 2.35 0.01	43.53 2.08 -1.36
RAVENSWOOD_GT_6 24253	41.62 1.69 -1.51	40.33 1.74 -1.59	38.88 1.73 -1.78	37.06 1.69 -0.82	37.96 1.74 0.01	44.46 1.99 -1.07	54.97 3.06 0.01	62.97 4.01 0.01	57.86 3.63 0.01	53.22 3.41 0.33	52.06 3.50 1.43	49.76 3.56 2.60	44.50 3.32 3.02	39.47 3.19 6.31	37.05 3.05 7.23	40.23 2.78 3.50	38.64 2.86 5.68	51.72 3.20 0.01	57.86 3.48 0.01	67.47 3.78 -3.69	63.29 3.55 -4.23	48.52 2.92 0.01	42.89 2.35 0.01	43.53 2.08 -1.36
RAVENSWOOD_GT_7 24255	41.62 1.69 -1.51	40.33 1.74 -1.59	38.88 1.73 -1.78	37.06 1.69 -0.82	37.96 1.74 0.01	44.46 1.99 -1.07	54.97 3.06 0.01	62.97 4.01 0.01	57.86 3.63 0.01	53.22 3.41 0.33	52.06 3.50 1.43	49.76 3.56 2.60	44.50 3.32 3.02	39.47 3.19 6.31	37.05 3.05 7.23	40.23 2.78 3.50	38.64 2.86 5.68	51.72 3.20 0.01	57.86 3.48 0.01	67.47 3.78 -3.69	63.29 3.55 -4.23	48.52 2.92 0.01	42.89 2.35 0.01	43.53 2.08 -1.36
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.15 1.73 0.00	38.78 1.78 0.00	37.10 1.73 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.91 3.69 0.01	53.15 3.46 0.45	53.19 3.50 0.30	51.86 3.56 0.50	46.53 3.32 0.99	44.66 3.24 1.16	42.99 3.09 1.33	43.01 2.83 0.77	43.21 2.90 1.16	51.11 3.25 0.66	57.36 3.54 0.57	63.84 3.84 0.00	59.12 3.61 0.00	48.41 2.96 0.16	42.76 2.39 0.18	42.21 2.12 0.00

RAVENSWOOD_GT_9 24257	40.15 1.73 0.00	38.78 1.78 0.00	37.10 1.73 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.91 3.69 0.01	53.15 3.46 0.45	53.19 3.50 0.30	51.86 3.56 0.50	46.53 3.32 0.99	44.66 3.24 1.16	42.99 3.09 1.33	43.01 2.83 0.77	43.21 2.90 1.16	51.11 3.25 0.66	57.36 3.54 0.57	63.84 3.84 0.00	59.12 3.61 0.00	48.41 2.96 0.16	42.76 2.39 0.18	42.21 2.12 0.00
RAVENSWOOD___1 23533	40.35 1.92 -0.01	38.93 1.92 -0.01	37.32 1.94 -0.01	36.46 1.90 -0.01	38.22 1.99 -0.01	43.64 2.23 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.31 3.71 -4.46	56.76 3.75 -3.01	57.56 3.81 -4.95	57.56 3.54 -9.82	57.56 3.45 -11.53	57.57 3.17 -13.16	51.59 3.03 -7.61	56.05 3.11 -11.48	58.54 3.50 -6.52	63.82 3.81 -5.63	64.13 4.14 0.00	59.34 3.83 0.00	50.43 3.19 -1.63	45.31 3.00 -1.77	42.42 2.32 -0.01
RAVENSWOOD___2 23534	40.35 1.92 -0.01	38.93 1.92 -0.01	37.32 1.94 -0.01	36.46 1.90 -0.01	38.19 1.95 -0.01	43.64 2.23 0.00	55.29 3.37 -0.01	63.34 4.36 -0.01	58.30 3.96 -0.11	58.29 3.71 -4.44	56.75 3.75 -3.00	57.54 3.81 -4.93	57.53 3.54 -9.79	57.52 3.45 -11.49	57.52 3.17 -13.11	51.56 3.03 -7.58	56.01 3.11 -11.44	58.51 3.50 -6.50	63.80 3.81 -5.61	64.13 4.14 0.00	59.34 3.83 0.00	50.42 3.19 -1.62	45.31 3.00 -1.76	42.42 2.32 -0.01
RAVENSWOOD___3 23535	40.15 1.73 0.00	38.74 1.74 0.00	37.14 1.77 0.00	36.28 1.73 0.00	38.00 1.77 0.00	43.43 2.03 0.00	55.02 3.11 0.00	63.04 4.07 0.00	57.93 3.69 0.00	53.60 3.46 0.00	53.49 3.50 0.00	52.36 3.56 0.00	47.52 3.32 0.00	45.82 3.23 0.00	44.20 2.97 0.00	43.77 2.82 0.00	44.36 2.90 0.00	51.77 3.25 0.00	57.92 3.53 0.00	63.84 3.84 0.00	59.12 3.61 0.00	48.57 2.96 0.00	43.02 2.47 0.00	42.21 2.12 0.00
RAVENSWOOD___4 23820	38.39 1.92 1.95	36.87 1.92 2.05	35.02 1.94 2.30	35.39 1.90 1.06	38.19 1.95 -0.01	42.21 2.19 1.39	55.29 3.37 -0.01	63.34 4.36 -0.01	58.20 3.96 -0.01	54.28 3.71 -0.43	55.60 3.75 -1.85	55.97 3.81 -3.36	51.64 3.54 -3.90	54.15 3.41 -8.15	53.75 3.17 -9.35	48.51 3.03 -4.53	51.92 3.11 -7.35	52.02 3.50 -0.01	58.20 3.81 -0.01	59.31 4.08 4.77	53.88 3.83 5.47	48.81 3.19 -0.01	43.51 2.96 -0.01	40.65 2.32 1.76
RCPL_TRUST___DRP 24196	40.23 1.81 0.00	38.85 1.85 0.00	37.21 1.84 0.00	36.38 1.83 0.00	38.11 1.88 0.00	43.55 2.15 0.00	55.28 3.37 0.00	63.39 4.42 0.00	58.25 4.01 0.00	54.05 3.91 0.00	53.94 3.95 0.00	52.80 4.00 0.00	47.91 3.71 0.00	46.16 3.58 0.00	44.65 3.42 0.00	44.06 3.11 0.00	44.65 3.19 0.00	52.16 3.64 0.00	58.14 3.75 0.00	64.14 4.14 0.00	59.35 3.83 0.00	48.71 3.10 0.00	43.06 2.51 0.00	42.29 2.20 0.00
RED___ROCHESTER 323720	36.81 -1.61 0.00	35.30 -1.70 0.00	33.71 -1.66 0.00	32.89 -1.66 0.00	34.71 -1.52 0.00	39.95 -1.45 0.00	49.68 -2.23 0.00	56.14 -2.83 0.00	51.85 -2.39 0.00	45.28 -1.70 3.16	45.68 -1.65 2.66	43.75 -2.00 3.05	39.29 -2.12 2.79	37.76 -2.13 2.70	36.84 -1.69 2.70	36.42 -1.92 2.61	38.77 -1.70 0.99	44.41 -1.79 2.31	50.98 -2.34 1.08	57.41 -2.58 0.01	53.46 -2.05 0.01	43.51 -2.05 0.05	38.68 -1.86 0.00	38.52 -1.56 0.00
REGAN___SOLAR 323812	40.88 2.46 0.00	39.30 2.30 0.00	37.64 2.27 0.00	36.80 2.24 0.00	38.44 2.21 0.00	44.22 2.82 0.00	55.75 3.84 0.00	63.69 4.72 0.00	58.47 4.23 0.00	53.60 3.46 0.00	53.15 3.15 0.00	51.68 2.88 0.00	46.81 2.61 0.00	45.10 2.51 0.00	43.49 2.27 0.00	43.37 2.42 0.00	43.99 2.53 0.00	51.77 3.25 0.00	58.52 4.13 0.00	64.74 4.74 0.00	60.12 4.61 0.00	49.12 3.51 0.00	43.54 3.00 0.00	43.05 2.97 0.00
RENSSELAER___COGEN 23796	39.19 0.77 0.00	37.74 0.74 0.00	36.12 0.74 0.00	35.31 0.76 0.00	36.95 0.72 0.00	42.27 0.87 0.00	53.10 1.19 0.00	60.56 1.59 0.00	55.81 1.57 0.00	51.54 1.40 0.00	51.34 1.35 0.00	50.26 1.46 0.00	45.57 1.37 0.00	43.90 1.32 0.00	42.42 1.20 0.00	42.14 1.19 0.00	42.62 1.16 0.00	49.73 1.21 0.00	55.86 1.47 0.00	61.62 1.62 0.00	57.07 1.55 0.00	46.84 1.23 0.00	41.64 1.10 0.00	41.13 1.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.61 3.19 0.00	39.93 2.92 0.00	38.27 2.90 0.00	37.42 2.87 0.00	38.94 2.72 0.00	44.96 3.56 0.00	55.85 3.95 0.00	64.04 5.07 0.00	59.28 5.04 0.00	54.70 4.56 0.00	54.19 4.20 0.00	52.90 4.10 0.00	47.78 3.58 0.00	45.86 3.28 0.00	44.28 3.05 0.00	44.10 3.15 0.00	44.53 3.07 0.00	51.96 3.44 0.00	58.74 4.35 0.00	64.98 4.98 0.00	60.62 5.11 0.00	49.35 3.74 0.00	44.44 3.89 0.00	43.98 3.89 0.00
REVERE_CPPR_DRP 24186	39.42 1.00 0.00	37.89 0.89 0.00	36.19 0.81 0.00	35.38 0.83 0.00	37.13 0.91 0.00	42.44 1.04 0.00	53.42 1.51 0.00	60.97 2.00 0.00	55.92 1.68 0.00	51.54 1.40 0.00	51.29 1.30 0.00	49.87 1.07 0.00	45.04 0.84 0.00	43.31 0.72 0.00	42.05 0.82 0.00	41.81 0.86 0.00	42.25 0.79 0.00	49.78 1.26 0.00	56.02 1.63 0.00	61.98 1.98 0.00	57.29 1.78 0.00	46.97 1.37 0.00	41.56 1.01 0.00	41.01 0.92 0.00
REYNOLDS_115KV_TB3 80639	39.46 1.04 0.00	38.00 1.00 0.00	36.36 0.99 0.00	35.55 1.00 0.00	37.20 0.98 0.00	42.56 1.16 0.00	53.42 1.51 0.00	60.92 1.95 0.00	56.13 1.90 0.00	51.84 1.70 0.00	51.64 1.65 0.00	50.61 1.81 0.00	45.88 1.68 0.00	44.20 1.62 0.00	42.79 1.57 0.00	42.42 1.47 0.00	42.87 1.41 0.00	50.02 1.50 0.00	56.24 1.85 0.00	61.98 1.98 0.00	57.40 1.89 0.00	47.16 1.55 0.00	41.84 1.30 0.00	41.41 1.32 0.00
RIVERBAY____ 323610	40.39 1.96 -0.01	39.05 2.04 -0.01	37.40 2.02 -0.01	36.56 2.00 -0.01	38.33 2.10 -0.01	43.68 2.28 0.00	55.38 3.48 0.01	63.38 4.42 0.01	58.24 4.01 0.01	53.84 3.71 0.01	53.69 3.70 0.01	52.55 3.76 0.01	47.64 3.45 0.01	45.90 3.32 0.01	44.39 3.17 0.01	43.85 2.91 0.01	44.44 2.99 0.01	51.86 3.35 0.01	58.03 3.64 0.01	63.96 3.96 0.00	59.23 3.72 0.00	48.70 3.10 0.01	43.01 2.47 0.01	42.30 2.20 -0.01
RIVERSDE_115KV_TB3 55908	39.34 0.92 0.00	37.89 0.89 0.00	36.26 0.88 0.00	35.45 0.90 0.00	37.09 0.87 0.00	42.44 1.04 0.00	53.31 1.40 0.00	60.80 1.83 0.00	56.03 1.79 0.00	51.74 1.60 0.00	51.59 1.60 0.00	50.51 1.71 0.00	45.79 1.59 0.00	44.12 1.53 0.00	42.67 1.44 0.00	42.30 1.35 0.00	42.79 1.33 0.00	49.93 1.41 0.00	56.08 1.69 0.00	61.86 1.86 0.00	57.29 1.78 0.00	47.02 1.41 0.00	41.76 1.22 0.00	41.33 1.24 0.00
ROARING___BROOK_WT_PWR 323790	37.69 -0.73 0.00	36.15 -0.85 0.00	34.49 -0.88 0.00	33.62 -0.93 0.00	35.21 -1.01 0.00	40.20 -1.20 0.00	50.46 -1.45 0.00	57.32 -1.65 0.00	52.66 -1.57 0.00	48.74 -1.40 0.00	48.65 -1.35 0.00	47.58 -1.22 0.00	43.19 -1.01 0.00	41.73 -0.85 0.00	40.57 -0.66 0.00	40.46 -0.49 0.00	40.97 -0.50 0.00	47.89 -0.63 0.00	53.58 -0.81 0.00	58.86 -1.14 0.00	54.35 -1.17 0.00	44.56 -1.05 0.00	39.57 -0.97 0.00	39.12 -0.96 0.00

ROCHESRG_115KV_T4 355643	36.50 -1.92 0.00	35.01 -2.00 0.00	33.46 -1.91 0.00	32.69 -1.87 0.00	34.45 -1.78 0.00	39.62 -1.78 0.00	49.21 -2.70 0.00	55.49 -3.48 0.00	51.25 -2.98 0.00	44.60 -2.26 3.29	44.97 -2.25 2.77	43.04 -2.59 3.18	38.69 -2.61 2.91	37.18 -2.60 2.81	35.74 -2.68 2.81	35.86 -2.38 2.72	38.17 -2.16 1.14	43.70 -2.38 2.44	50.28 -2.99 1.12	56.63 -3.36 0.01	52.79 -2.72 0.01	43.01 -2.55 0.04	38.39 -2.15 0.00	38.12 -1.96 0.00
ROCHESTER_9_IC 23652	36.65 -1.77 0.00	35.15 -1.85 0.00	33.60 -1.77 0.00	32.79 -1.76 0.00	34.60 -1.63 0.00	39.79 -1.61 0.00	49.47 -2.44 0.00	55.84 -3.13 0.00	51.58 -2.66 0.00	45.03 -1.96 3.15	45.38 -1.95 2.66	43.46 -2.29 3.05	39.02 -2.39 2.79	37.55 -2.34 2.70	36.06 -2.47 2.70	36.21 -2.13 2.61	38.56 -1.91 0.99	44.12 -2.09 2.31	50.65 -2.67 1.07	57.05 -2.94 0.01	53.12 -2.39 0.01	43.28 -2.28 0.05	38.64 -1.91 0.00	38.36 -1.72 0.00
ROCKVIEW_13_KV_LD 356306	40.11 1.69 0.00	38.74 1.74 0.00	37.07 1.70 0.00	36.24 1.69 0.00	37.96 1.74 0.00	43.39 1.99 0.00	54.97 3.06 0.00	62.92 3.95 0.00	57.87 3.63 0.00	53.55 3.41 0.00	53.44 3.45 0.00	52.31 3.51 0.00	47.47 3.27 0.00	45.73 3.15 0.00	44.24 3.01 0.00	43.74 2.78 0.00	44.32 2.86 0.00	51.72 3.20 0.00	57.87 3.48 0.00	63.84 3.84 0.00	59.07 3.55 0.00	48.52 2.92 0.00	42.89 2.35 0.00	42.17 2.08 0.00
ROME____115KV_TB2 80656	39.42 1.00 0.00	37.89 0.89 0.00	36.19 0.81 0.00	35.38 0.83 0.00	37.13 0.91 0.00	42.44 1.04 0.00	53.42 1.51 0.00	60.97 2.00 0.00	55.92 1.68 0.00	51.54 1.40 0.00	51.29 1.30 0.00	49.87 1.07 0.00	45.04 0.84 0.00	43.31 0.72 0.00	42.05 0.82 0.00	41.81 0.86 0.00	42.25 0.79 0.00	49.78 1.26 0.00	56.02 1.63 0.00	61.98 1.98 0.00	57.29 1.78 0.00	46.97 1.37 0.00	41.56 1.01 0.00	41.01 0.92 0.00
ROSETON___1 23587	39.73 1.31 0.00	38.30 1.29 0.00	36.68 1.31 0.00	35.83 1.28 0.00	37.57 1.34 0.00	42.93 1.53 0.00	54.19 2.28 0.00	61.92 2.95 0.00	56.95 2.71 0.00	52.65 2.51 0.00	52.54 2.55 0.00	51.43 2.63 0.00	46.67 2.47 0.00	44.97 2.38 0.00	43.41 2.18 0.00	43.04 2.09 0.00	43.62 2.15 0.00	50.90 2.38 0.00	57.00 2.61 0.00	62.94 2.94 0.00	58.18 2.66 0.00	47.79 2.19 0.00	42.41 1.87 0.00	41.73 1.64 0.00
ROSETON___2 23588	39.73 1.31 0.00	38.30 1.29 0.00	36.68 1.31 0.00	35.83 1.28 0.00	37.57 1.34 0.00	42.93 1.53 0.00	54.19 2.28 0.00	61.92 2.95 0.00	56.95 2.71 0.00	52.65 2.51 0.00	52.54 2.55 0.00	51.43 2.63 0.00	46.67 2.47 0.00	44.97 2.38 0.00	43.41 2.18 0.00	43.04 2.09 0.00	43.62 2.15 0.00	50.90 2.38 0.00	57.00 2.61 0.00	62.94 2.94 0.00	58.18 2.66 0.00	47.79 2.19 0.00	42.41 1.87 0.00	41.73 1.64 0.00
ROTTRDAM_115KV_TB3 80664	39.50 1.08 0.00	38.04 1.04 0.00	36.40 1.03 0.00	35.55 1.00 0.00	37.24 1.01 0.00	42.60 1.20 0.00	53.42 1.51 0.00	61.03 2.06 0.00	56.19 1.95 0.00	51.89 1.75 0.00	51.69 1.70 0.00	50.51 1.71 0.00	45.79 1.59 0.00	44.12 1.53 0.00	42.67 1.44 0.00	42.34 1.39 0.00	42.83 1.37 0.00	50.07 1.55 0.00	56.24 1.85 0.00	62.10 2.10 0.00	57.51 2.00 0.00	47.20 1.60 0.00	42.04 1.50 0.00	41.57 1.48 0.00
RUSSELL___1 23602	36.81 -1.61 0.00	35.26 -1.74 0.00	33.71 -1.66 0.00	32.89 -1.66 0.00	34.70 -1.52 0.00	39.95 -1.45 0.00	49.68 -2.23 0.00	56.14 -2.83 0.00	51.85 -2.39 0.00	45.28 -1.70 3.16	45.68 -1.65 2.66	43.75 -2.00 3.05	39.24 -2.17 2.79	37.76 -2.13 2.70	36.22 -2.31 2.70	36.42 -1.92 2.61	38.77 -1.70 0.99	44.36 -1.84 2.31	50.98 -2.34 1.08	57.35 -2.64 0.01	53.45 -2.05 0.01	43.51 -2.05 0.05	38.84 -1.70 0.00	38.56 -1.52 0.00
RUSSELL___2 23532	36.81 -1.61 0.00	35.26 -1.74 0.00	33.71 -1.66 0.00	32.89 -1.66 0.00	34.70 -1.52 0.00	39.95 -1.45 0.00	49.68 -2.23 0.00	56.14 -2.83 0.00	51.85 -2.39 0.00	45.28 -1.70 3.16	45.68 -1.65 2.66	43.75 -2.00 3.05	39.24 -2.17 2.79	37.76 -2.13 2.70	36.22 -2.31 2.70	36.42 -1.92 2.61	38.77 -1.70 0.99	44.36 -1.84 2.31	50.98 -2.34 1.08	57.35 -2.64 0.01	53.45 -2.05 0.01	43.51 -2.05 0.05	38.84 -1.70 0.00	38.56 -1.52 0.00
RUSSELL___3 23549	36.81 -1.61 0.00	35.26 -1.74 0.00	33.71 -1.66 0.00	32.89 -1.66 0.00	34.70 -1.52 0.00	39.95 -1.45 0.00	49.68 -2.23 0.00	56.14 -2.83 0.00	51.85 -2.39 0.00	45.28 -1.70 3.16	45.68 -1.65 2.66	43.75 -2.00 3.05	39.24 -2.17 2.79	37.76 -2.13 2.70	36.22 -2.31 2.70	36.42 -1.92 2.61	38.77 -1.70 0.99	44.36 -1.84 2.31	50.98 -2.34 1.08	57.35 -2.64 0.01	53.45 -2.05 0.01	43.51 -2.05 0.05	38.84 -1.70 0.00	38.56 -1.52 0.00
RUSSELL___4 23556	36.81 -1.61 0.00	35.26 -1.74 0.00	33.71 -1.66 0.00	32.89 -1.66 0.00	34.70 -1.52 0.00	39.95 -1.45 0.00	49.68 -2.23 0.00	56.14 -2.83 0.00	51.85 -2.39 0.00	45.28 -1.70 3.16	45.68 -1.65 2.66	43.75 -2.00 3.05	39.24 -2.17 2.79	37.76 -2.13 2.70	36.22 -2.31 2.70	36.42 -1.92 2.61	38.77 -1.70 0.99	44.36 -1.84 2.31	50.98 -2.34 1.08	57.35 -2.64 0.01	53.45 -2.05 0.01	43.51 -2.05 0.05	38.84 -1.70 0.00	38.56 -1.52 0.00
RUSSELL___STATION 23914	36.81 -1.61 0.00	35.26 -1.74 0.00	33.71 -1.66 0.00	32.89 -1.66 0.00	34.70 -1.52 0.00	39.95 -1.45 0.00	49.68 -2.23 0.00	56.14 -2.83 0.00	51.85 -2.39 0.00	45.28 -1.70 3.16	45.68 -1.65 2.66	43.75 -2.00 3.05	39.24 -2.17 2.79	37.76 -2.13 2.70	36.22 -2.31 2.70	36.42 -1.92 2.61	38.77 -1.70 0.99	44.36 -1.84 2.31	50.98 -2.34 1.08	57.35 -2.64 0.01	53.45 -2.05 0.01	43.51 -2.05 0.05	38.84 -1.70 0.00	38.56 -1.52 0.00
S SALMON___HYD 24043	37.84 -0.58 0.00	36.41 -0.59 0.00	34.77 -0.60 0.00	34.00 -0.55 0.00	35.68 -0.54 0.00	40.82 -0.58 0.00	51.34 -0.57 0.00	58.44 -0.53 0.00	53.59 -0.65 0.00	49.44 -0.70 0.00	49.14 -0.85 0.00	47.77 -1.03 0.00	43.19 -1.01 0.00	41.48 -1.11 0.00	40.24 -0.99 0.00	40.01 -0.94 0.00	40.51 -0.95 0.00	47.65 -0.87 0.00	53.63 -0.76 0.00	59.34 -0.66 0.00	54.91 -0.61 0.00	45.11 -0.50 0.00	39.98 -0.57 0.00	39.49 -0.60 0.00
S.PERRY___115KV_TB1 80734	37.23 -1.19 0.00	35.67 -1.33 0.00	34.06 -1.31 0.00	33.17 -1.38 0.00	35.03 -1.20 0.00	40.41 -0.99 0.00	50.61 -1.30 0.00	57.26 -1.71 0.00	52.60 -1.68 -0.04	63.30 -1.81 -14.97	60.65 -2.10 -12.75	60.85 -2.54 -14.59	54.95 -2.61 -13.36	52.85 -2.64 -12.91	50.92 -2.64 -12.33	51.07 -2.38 -12.49	58.17 -2.32 -19.03	63.22 -2.23 -16.93	58.02 -2.12 -5.75	58.44 -1.68 -0.12	54.30 -1.33 -0.12	44.07 -1.50 0.03	39.33 -1.22 0.00	39.08 -1.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.38 -3.04 0.00	33.90 -3.11 0.00	32.40 -2.97 0.00	31.61 -2.94 0.00	33.44 -2.79 0.00	38.59 -2.82 0.00	47.50 -4.41 0.00	53.25 -5.72 0.00	49.24 -4.99 0.01	38.29 -4.26 7.59	39.32 -4.25 6.42	37.01 -4.44 7.35	33.27 -4.20 6.73	31.91 -4.17 6.50	30.81 -4.04 6.38	30.85 -3.81 6.29	33.20 -4.10 4.15	37.48 -4.66 6.38	46.02 -5.66 2.71	54.15 -5.82 0.03	49.94 -5.55 0.03	40.97 -4.61 0.03	36.93 -3.61 0.00	36.92 -3.17 0.00

SAWYER___23_KV_LOAD 55526	35.38 -3.04 0.00	33.90 -3.11 0.00	32.40 -2.97 0.00	31.61 -2.94 0.00	33.44 -2.79 0.00	38.59 -2.82 0.00	47.50 -4.41 0.00	53.25 -5.72 0.00	49.24 -4.99 0.01	38.29 -4.26 7.59	39.32 -4.25 6.42	37.01 -4.44 7.35	33.27 -4.20 6.73	31.91 -4.17 6.50	30.81 -4.04 6.38	30.85 -3.81 6.29	33.20 -4.10 4.15	37.48 -4.66 6.38	46.02 -5.66 2.71	54.15 -5.82 0.03	49.94 -5.55 0.03	40.97 -4.61 0.03	36.93 -3.61 0.00	36.92 -3.17 0.00
SELKIRK___I 23801	39.42 1.00 0.00	37.96 0.96 0.00	36.33 0.96 0.00	35.52 0.97 0.00	37.17 0.94 0.00	42.52 1.12 0.00	53.36 1.45 0.00	60.86 1.89 0.00	56.02 1.79 0.00	51.74 1.60 0.00	51.49 1.50 0.00	50.36 1.56 0.00	45.66 1.46 0.00	43.95 1.36 0.00	42.46 1.24 0.00	42.18 1.23 0.00	42.66 1.20 0.00	49.83 1.31 0.00	55.97 1.58 0.00	61.80 1.80 0.00	57.18 1.66 0.00	47.02 1.42 0.00	41.80 1.26 0.00	41.33 1.24 0.00
SELKIRK___II 23799	39.23 0.81 0.00	37.78 0.78 0.00	36.15 0.78 0.00	35.35 0.80 0.00	37.02 0.80 0.00	42.31 0.91 0.00	53.15 1.24 0.00	60.62 1.65 0.00	55.81 1.57 0.00	51.54 1.40 0.00	51.39 1.40 0.00	50.26 1.46 0.00	45.57 1.37 0.00	43.90 1.32 0.00	42.42 1.20 0.00	42.10 1.14 0.00	42.62 1.16 0.00	49.78 1.26 0.00	55.86 1.47 0.00	61.62 1.62 0.00	57.07 1.55 0.00	46.88 1.28 0.00	41.64 1.10 0.00	41.17 1.08 0.00
SENECA OSWGO___HYD 24041	37.57 -0.85 0.00	36.19 -0.81 0.00	34.63 -0.74 0.00	33.82 -0.73 0.00	35.50 -0.72 0.00	40.61 -0.79 0.00	50.87 -1.04 0.00	57.73 -1.24 0.00	53.15 -1.08 0.00	49.14 -1.00 0.00	48.89 -1.10 0.00	47.63 -1.17 0.00	43.05 -1.15 0.00	41.44 -1.15 0.00	40.12 -1.11 0.00	39.89 -1.06 0.00	40.38 -1.08 0.00	47.35 -1.16 0.00	53.08 -1.31 0.00	58.68 -1.32 0.00	54.29 -1.22 0.00	44.65 -0.96 0.00	39.73 -0.81 0.00	39.32 -0.76 0.00
SENECA___115KV_TB3 355854	35.69 -2.73 0.00	34.19 -2.81 0.00	32.72 -2.65 0.00	31.89 -2.66 0.00	33.76 -2.46 0.00	39.00 -2.40 0.00	48.12 -3.79 0.00	53.96 -5.01 0.00	49.89 -4.34 0.01	38.96 -4.01 7.17	39.93 -4.00 6.07	37.80 -4.05 6.95	34.09 -3.76 6.36	32.69 -3.75 6.14	31.65 -3.55 6.04	31.61 -3.40 5.94	33.82 -4.06 3.57	38.06 -4.56 5.90	46.34 -5.49 2.55	54.70 -5.28 0.02	50.11 -5.38 0.02	41.29 -4.29 0.03	37.30 -3.24 0.00	37.32 -2.77 0.00
SENECA___ENERGY 23797	37.57 -0.85 0.00	36.15 -0.85 0.00	34.56 -0.81 0.00	33.76 -0.79 0.00	35.50 -0.72 0.00	40.74 -0.66 0.00	51.13 -0.78 0.00	57.97 -1.00 0.00	53.43 -0.81 0.00	49.95 -0.80 -0.62	49.56 -0.95 -0.52	48.28 -1.12 -0.60	43.60 -1.15 -0.55	41.92 -1.19 -0.53	40.57 -1.15 -0.49	40.40 -1.06 -0.51	41.71 -1.08 -1.32	48.43 -1.07 -0.98	53.53 -1.14 -0.28	58.86 -1.14 -0.01	54.58 -0.94 -0.01	44.74 -0.87 0.00	39.73 -0.81 0.00	39.40 -0.68 0.00
SHOEMAKER___GT 23640	39.46 1.04 0.00	38.04 1.03 0.00	36.40 1.03 0.00	35.55 1.00 0.00	37.31 1.09 0.00	42.64 1.24 0.00	53.73 1.82 0.00	61.33 2.36 0.00	56.35 2.11 0.00	52.09 1.95 0.00	52.00 2.00 0.00	50.85 2.05 0.00	46.10 1.90 0.00	44.41 1.83 0.00	42.92 1.69 0.00	42.59 1.64 0.00	43.12 1.66 0.00	50.36 1.84 0.00	56.51 2.12 0.00	62.46 2.46 0.00	57.74 2.22 0.00	47.38 1.78 0.00	42.04 1.50 0.00	41.41 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	39.46 1.04 0.00	38.04 1.04 0.00	36.40 1.03 0.00	35.55 1.00 0.00	37.28 1.05 0.00	42.64 1.24 0.00	53.73 1.82 0.00	61.33 2.36 0.00	56.41 2.17 0.00	52.15 2.01 0.00	52.04 2.05 0.00	50.90 2.10 0.00	46.15 1.94 0.00	44.46 1.87 0.00	43.04 1.81 0.00	42.59 1.64 0.00	43.16 1.70 0.00	50.41 1.89 0.00	56.57 2.18 0.00	62.46 2.46 0.00	57.74 2.22 0.00	47.38 1.78 0.00	42.00 1.46 0.00	41.41 1.32 0.00
SHOREHAM_IC_1 23715	40.85 2.42 -0.01	39.86 2.85 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	55.85 3.94 0.00	62.69 3.72 0.00	57.55 3.31 0.00	53.30 3.16 0.00	53.55 3.55 -0.01	53.32 3.66 -0.86	50.93 3.36 -3.37	50.91 3.23 -5.09	44.48 2.93 -0.33	43.78 2.82 -0.01	50.97 3.03 -6.49	51.83 3.30 -0.01	57.92 3.53 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.28 3.33 -1.35	48.39 3.28 -4.56	43.87 3.25 -0.54
SHOREHAM_IC_2 23716	40.85 2.42 -0.01	39.86 2.85 -0.01	38.17 2.79 -0.01	37.39 2.83 -0.01	39.20 2.97 -0.01	51.76 3.40 -6.96	55.85 3.94 0.00	62.69 3.72 0.00	57.55 3.31 0.00	53.30 3.16 0.00	53.55 3.55 -0.01	53.32 3.66 -0.86	50.93 3.36 -3.37	50.91 3.23 -5.09	44.48 2.93 -0.33	43.78 2.82 -0.01	50.97 3.03 -6.49	51.83 3.30 -0.01	57.92 3.53 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.28 3.33 -1.35	48.39 3.28 -4.56	43.87 3.25 -0.54
SISSONVILLE____ 23735	37.84 -0.58 0.00	36.45 -0.56 0.00	34.70 -0.67 0.00	33.86 -0.69 0.00	35.50 -0.72 0.00	40.41 -0.99 0.00	50.77 -1.14 0.00	57.67 -1.30 0.00	52.83 -1.41 0.00	48.64 -1.50 0.00	48.54 -1.45 0.00	47.34 -1.46 0.00	42.83 -1.37 0.00	41.31 -1.28 0.00	40.11 -1.11 0.00	39.84 -1.11 0.00	40.34 -1.12 0.00	47.40 -1.12 0.00	53.19 -1.20 0.00	58.68 -1.32 0.00	54.35 -1.17 0.00	44.65 -0.96 0.00	39.49 -1.05 0.00	39.00 -1.08 0.00
SITHE_IND_GS1 24169	37.27 -1.15 0.00	35.93 -1.07 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.30 -1.61 0.00	56.96 -2.01 0.00	52.45 -1.79 0.00	48.53 -1.61 0.00	48.35 -1.65 0.00	47.14 -1.66 0.00	42.65 -1.55 0.00	41.05 -1.53 0.00	39.78 -1.44 0.00	39.52 -1.43 0.00	40.01 -1.45 0.00	46.87 -1.65 0.00	52.54 -1.85 0.00	57.96 -2.04 0.00	53.63 -1.89 0.00	44.14 -1.46 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
SITHE_IND_GS2 24170	37.27 -1.15 0.00	35.93 -1.07 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.30 -1.61 0.00	56.96 -2.01 0.00	52.45 -1.79 0.00	48.53 -1.61 0.00	48.35 -1.65 0.00	47.14 -1.66 0.00	42.65 -1.55 0.00	41.05 -1.53 0.00	39.78 -1.44 0.00	39.52 -1.43 0.00	40.01 -1.45 0.00	46.87 -1.65 0.00	52.54 -1.85 0.00	57.96 -2.04 0.00	53.63 -1.89 0.00	44.14 -1.46 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
SITHE_IND_GS3 24171	37.27 -1.15 0.00	35.93 -1.07 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.30 -1.61 0.00	56.96 -2.01 0.00	52.45 -1.79 0.00	48.53 -1.61 0.00	48.35 -1.65 0.00	47.14 -1.66 0.00	42.65 -1.55 0.00	41.05 -1.53 0.00	39.78 -1.44 0.00	39.52 -1.43 0.00	40.01 -1.45 0.00	46.87 -1.65 0.00	52.54 -1.85 0.00	57.96 -2.04 0.00	53.63 -1.89 0.00	44.14 -1.46 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00
SITHE_IND_GS4 24172	37.27 -1.15 0.00	35.93 -1.07 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.30 -1.61 0.00	56.96 -2.01 0.00	52.45 -1.79 0.00	48.53 -1.61 0.00	48.35 -1.65 0.00	47.14 -1.66 0.00	42.65 -1.55 0.00	41.05 -1.53 0.00	39.78 -1.44 0.00	39.52 -1.43 0.00	40.01 -1.45 0.00	46.87 -1.65 0.00	52.54 -1.85 0.00	57.96 -2.04 0.00	53.63 -1.89 0.00	44.14 -1.46 0.00	39.33 -1.22 0.00	38.92 -1.16 0.00

SITHE___BATAVIA 24024	36.38 -2.04 0.00	34.82 -2.18 0.00	33.29 -2.09 0.00	32.44 -2.11 0.00	34.34 -1.89 0.00	39.70 -1.70 0.00	49.26 -2.65 0.00	55.61 -3.36 0.00	51.25 -2.98 0.01	41.52 -2.46 6.16	42.28 -2.50 5.22	39.90 -2.93 5.97	35.78 -2.96 5.46	34.28 -3.02 5.28	33.47 -2.56 5.20	33.14 -2.70 5.11	35.46 -2.69 3.31	40.62 -2.76 5.14	48.83 -3.37 2.19	56.68 -3.30 0.02	52.66 -2.83 0.02	42.87 -2.69 0.04	38.19 -2.35 0.00	38.20 -1.88 0.00
SITHE___INDEPEND 23800	37.27 -1.15 0.00	35.89 -1.11 0.00	34.35 -1.03 0.00	33.55 -1.00 0.00	35.21 -1.01 0.00	40.24 -1.16 0.00	50.30 -1.61 0.00	56.96 -2.00 0.00	52.45 -1.79 0.00	48.54 -1.60 0.00	48.34 -1.65 0.00	47.14 -1.66 0.00	42.61 -1.59 0.00	41.05 -1.53 0.00	39.70 -1.53 0.00	39.52 -1.43 0.00	40.01 -1.45 0.00	46.87 -1.65 0.00	52.54 -1.85 0.00	57.96 -2.04 0.00	53.63 -1.89 0.00	44.15 -1.46 0.00	39.37 -1.18 0.00	38.92 -1.16 0.00
SITHE___MASSENA 23902	38.50 0.08 0.00	37.11 0.11 0.00	35.37 0.00 0.00	34.52 -0.03 0.00	36.19 -0.04 0.00	41.24 -0.16 0.00	51.65 -0.26 0.00	58.79 -0.18 0.00	53.97 -0.27 0.00	49.74 -0.40 0.00	49.70 -0.30 0.00	48.51 -0.29 0.00	43.94 -0.26 0.00	42.41 -0.17 0.00	41.10 -0.12 0.00	40.79 -0.16 0.00	41.34 -0.12 0.00	48.42 -0.10 0.00	54.28 -0.11 0.00	59.82 -0.18 0.00	55.40 -0.11 0.00	45.42 -0.18 0.00	40.30 -0.24 0.00	39.89 -0.20 0.00
SITHE___OGDNSBRG 24021	38.84 0.42 0.00	37.41 0.41 0.00	35.62 0.25 0.00	34.76 0.21 0.00	36.48 0.25 0.00	41.53 0.12 0.00	52.17 0.26 0.00	59.32 0.35 0.00	54.18 -0.05 0.00	49.79 -0.35 0.00	49.64 -0.35 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.24 -0.34 0.00	40.98 -0.25 0.00	40.70 -0.25 0.00	41.25 -0.21 0.00	48.52 0.00 0.00	54.55 0.16 0.00	60.30 0.30 0.00	55.85 0.33 0.00	45.79 0.18 0.00	40.50 -0.04 0.00	40.05 -0.04 0.00
SITHE___STERLING 23777	39.15 0.73 0.00	37.67 0.67 0.00	35.97 0.60 0.00	35.21 0.65 0.00	36.91 0.69 0.00	42.23 0.83 0.00	53.10 1.19 0.00	60.50 1.53 0.00	55.54 1.30 0.00	51.19 1.05 0.00	50.94 0.95 0.00	49.58 0.78 0.00	44.82 0.62 0.00	43.10 0.51 0.00	41.80 0.58 0.00	41.57 0.62 0.00	42.04 0.58 0.00	49.44 0.92 0.00	55.58 1.20 0.00	61.50 1.50 0.00	56.85 1.33 0.00	46.66 1.05 0.00	41.31 0.77 0.00	40.81 0.72 0.00
SLEIGHT__34_KV_TB1 80719	37.04 -1.38 0.00	35.60 -1.41 0.00	34.03 -1.34 0.00	33.24 -1.31 0.00	34.99 -1.23 0.00	40.20 -1.20 0.00	50.25 -1.66 0.00	57.14 -1.83 0.00	52.72 -1.52 0.00	47.88 -1.15 1.11	47.85 -1.20 0.94	46.21 -1.51 1.08	41.62 -1.59 0.99	40.06 -1.58 0.95	38.57 -1.73 0.93	38.60 -1.43 0.92	40.13 -1.33 0.00	46.50 -1.36 0.66	52.35 -1.69 0.35	58.20 -1.80 0.00	54.07 -1.44 0.00	44.16 -1.46 -0.01	39.29 -1.26 0.00	38.92 -1.16 0.00
SOUTH CAIRO___GT 23612	40.23 1.81 0.00	38.78 1.78 0.00	37.03 1.66 0.00	36.17 1.62 0.00	37.89 1.67 0.00	43.43 2.03 0.00	54.76 2.86 0.00	62.57 3.60 0.00	57.49 3.25 0.00	52.85 2.71 0.00	52.44 2.45 0.00	51.19 2.39 0.00	46.37 2.17 0.00	44.50 1.92 0.00	43.04 1.81 0.00	42.67 1.72 0.00	43.33 1.87 0.00	50.85 2.33 0.00	57.60 3.21 0.00	63.78 3.78 0.00	58.79 3.28 0.00	48.07 2.46 0.00	42.73 2.19 0.00	42.25 2.16 0.00
SOUTH HAMPTN___IC 23720	41.23 2.80 -0.01	40.15 3.14 -0.01	38.49 3.11 -0.01	37.67 3.11 -0.01	39.42 3.19 -0.01	52.05 3.68 -6.96	56.22 4.31 0.00	63.27 4.30 0.00	58.14 3.91 0.00	53.80 3.66 0.00	54.00 4.00 -0.01	53.76 4.10 -0.86	51.23 3.67 -3.37	51.21 3.53 -5.09	44.69 3.13 -0.33	44.03 3.07 -0.01	51.14 3.19 -6.49	52.07 3.54 -0.01	58.20 3.81 0.00	64.80 4.80 0.00	59.68 4.17 0.00	50.51 3.56 -1.35	48.43 3.33 -4.56	43.95 3.33 -0.54
SOUTHDOW_115KV_TB1 355954	35.85 -2.57 0.00	34.30 -2.70 0.00	32.75 -2.62 0.00	31.99 -2.56 0.00	34.02 -2.21 0.00	39.58 -1.82 0.00	49.47 -2.44 0.00	55.61 -3.36 0.00	51.41 -2.82 0.00	41.64 -3.36 5.14	42.00 -3.65 4.34	40.17 -3.66 4.97	36.34 -3.32 4.55	34.87 -3.32 4.39	33.86 -3.01 4.36	33.63 -3.07 4.25	36.21 -4.27 0.98	40.13 -4.75 3.63	47.16 -5.44 1.79	55.31 -4.68 0.01	50.29 -5.22 0.01	41.61 -3.97 0.03	37.66 -2.88 0.00	37.76 -2.33 0.00
SOUTHOLD_69_KV_BK 2 55809	41.69 3.27 0.00	40.56 3.55 0.00	38.84 3.47 0.00	37.97 3.42 0.00	39.70 3.48 0.00	52.29 3.93 -6.96	56.79 4.88 0.00	63.63 4.66 0.00	58.36 4.12 0.00	54.00 3.86 0.00	53.99 4.00 0.00	53.75 4.10 -0.85	51.18 3.62 -3.36	51.08 3.41 -5.09	44.76 3.22 -0.32	43.86 2.91 0.00	50.92 2.99 -6.48	51.77 3.25 0.00	58.03 3.64 0.00	64.80 4.80 0.00	59.62 4.11 0.00	50.41 3.47 -1.34	48.18 3.08 -4.56	43.86 3.25 -0.53
SOUTHOLD___IC 23719	41.69 3.26 -0.01	40.56 3.55 -0.01	38.88 3.50 -0.01	38.01 3.45 -0.01	39.71 3.48 -0.01	52.30 3.94 -6.96	56.48 4.57 0.00	63.63 4.66 0.00	58.36 4.12 0.00	54.00 3.86 0.00	54.00 4.00 -0.01	53.71 4.05 -0.86	51.19 3.63 -3.37	51.09 3.41 -5.09	44.56 3.01 -0.33	43.87 2.91 -0.01	50.93 2.99 -6.49	51.87 3.35 -0.01	58.03 3.64 0.00	64.74 4.74 0.00	59.62 4.11 0.00	50.42 3.46 -1.35	48.23 3.12 -4.56	43.87 3.25 -0.54
SOUTH_FORK_WT_PWR 323839	41.66 3.23 -0.01	40.53 3.52 -0.01	38.88 3.50 -0.01	37.95 3.39 -0.01	39.60 3.37 -0.01	52.13 3.77 -6.96	56.17 4.26 0.00	63.16 4.19 0.00	57.93 3.69 0.00	53.55 3.41 0.00	53.35 3.35 -0.01	53.13 3.47 -0.86	50.62 3.05 -3.37	50.53 2.85 -5.09	43.99 2.43 -0.33	43.33 2.37 -0.01	50.35 2.40 -6.49	51.15 2.62 -0.01	57.27 2.88 0.00	63.96 3.96 0.00	59.01 3.50 0.00	49.83 2.87 -1.35	47.66 2.56 -4.56	43.47 2.85 -0.54
SPIERFLS_115KV_TB 1 80737	40.46 2.04 0.00	38.89 1.89 0.00	37.25 1.87 0.00	36.42 1.87 0.00	38.00 1.78 0.00	43.68 2.28 0.00	53.78 1.87 0.00	61.51 2.54 0.00	56.79 2.55 0.00	52.45 2.31 0.00	52.09 2.10 0.00	50.95 2.15 0.00	46.19 1.99 0.00	44.41 1.83 0.00	42.92 1.69 0.00	42.59 1.64 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.57 2.18 0.00	62.52 2.52 0.00	58.01 2.50 0.00	47.52 1.92 0.00	43.10 2.55 0.00	42.65 2.57 0.00
ST LAWRENCE____ 23600	38.27 -0.15 0.00	36.86 -0.15 0.00	35.16 -0.21 0.00	34.31 -0.24 0.00	35.97 -0.25 0.00	40.99 -0.41 0.00	51.39 -0.52 0.00	58.26 -0.71 0.00	53.53 -0.71 0.00	49.44 -0.70 0.00	49.34 -0.65 0.00	48.16 -0.64 0.00	43.63 -0.58 0.00	42.12 -0.47 0.00	40.82 -0.41 0.00	40.54 -0.41 0.00	41.09 -0.37 0.00	48.13 -0.39 0.00	53.90 -0.49 0.00	59.34 -0.66 0.00	54.91 -0.61 0.00	45.01 -0.59 0.00	39.98 -0.57 0.00	39.56 -0.52 0.00
STATE_CA_115KV_115_LB 55624	39.30 0.88 0.00	37.89 0.89 0.00	36.26 0.88 0.00	35.41 0.86 0.00	37.06 0.83 0.00	42.40 0.99 0.00	53.31 1.40 0.00	60.86 1.89 0.00	56.08 1.84 0.00	51.84 1.70 0.00	51.64 1.65 0.00	50.56 1.76 0.00	45.84 1.64 0.00	44.16 1.58 0.00	42.71 1.48 0.00	42.34 1.39 0.00	42.83 1.37 0.00	49.97 1.46 0.00	56.13 1.74 0.00	61.86 1.86 0.00	57.35 1.83 0.00	47.07 1.46 0.00	41.76 1.22 0.00	41.33 1.24 0.00

STATE_ST_34_KV_LOAD 55959	38.11 -0.31 0.00	36.67 -0.33 0.00	35.05 -0.32 0.00	34.24 -0.31 0.00	35.97 -0.25 0.00	41.24 -0.17 0.00	51.75 -0.16 0.00	58.79 -0.18 0.00	54.07 -0.16 0.00	51.08 -0.10 -1.04	50.58 -0.25 -0.84	49.37 -0.39 -0.96	44.64 -0.44 -0.88	42.92 -0.51 -0.85	41.53 -0.54 -0.84	41.36 -0.41 -0.82	41.05 -0.41 0.00	49.03 -0.29 -0.80	54.54 -0.27 -0.42	59.82 -0.18 0.00	55.40 -0.11 0.00	45.42 -0.18 0.00	40.38 -0.16 0.00	39.97 -0.12 0.00
STATION 5_MISC_HYD 23604	36.65 -1.77 0.00	35.15 -1.85 0.00	33.60 -1.77 0.00	32.79 -1.76 0.00	34.60 -1.63 0.00	39.79 -1.62 0.00	49.47 -2.44 0.00	55.84 -3.13 0.00	51.58 -2.66 0.00	45.03 -1.96 3.15	45.38 -1.95 2.66	43.46 -2.29 3.05	39.11 -2.30 2.79	37.55 -2.34 2.70	36.67 -1.85 2.70	36.21 -2.13 2.61	38.57 -1.91 0.99	44.17 -2.04 2.31	50.65 -2.66 1.07	57.05 -2.94 0.01	53.12 -2.39 0.01	43.28 -2.28 0.05	38.48 -2.07 0.00	38.36 -1.72 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.46 -0.96 0.00	35.97 -1.04 0.00	34.38 -0.99 0.00	33.58 -0.97 0.00	35.36 -0.87 0.00	40.66 -0.75 0.00	50.92 -0.99 0.00	57.91 -1.06 0.00	53.42 -0.81 0.00	47.90 -0.65 1.58	47.96 -0.70 1.33	46.30 -0.98 1.52	41.70 -1.11 1.39	40.09 -1.15 1.35	38.67 -1.24 1.32	38.67 -0.98 1.30	40.51 -0.95 0.00	46.66 -0.87 0.98	52.83 -1.03 0.52	58.92 -1.08 0.00	54.74 -0.78 0.00	44.75 -0.87 -0.01	39.81 -0.73 0.00	39.45 -0.64 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.54 -1.88 0.00	35.04 -1.96 0.00	33.53 -1.84 0.00	32.72 -1.83 0.00	34.49 -1.74 0.00	39.66 -1.74 0.00	49.37 -2.54 0.00	55.84 -3.13 0.00	51.58 -2.66 0.00	46.12 -2.01 2.02	46.35 -1.95 1.70	44.56 -2.29 1.95	40.08 -2.34 1.78	38.52 -2.34 1.72	37.03 -2.47 1.73	37.16 -2.13 1.66	39.51 -1.95 0.00	45.20 -2.09 1.23	51.12 -2.61 0.65	57.06 -2.94 0.00	53.13 -2.39 0.00	43.30 -2.28 0.02	38.64 -1.91 0.00	38.32 -1.76 0.00
STA_56___34_KV_BUS2 355983	36.54 -1.88 0.00	35.04 -1.96 0.00	33.53 -1.84 0.00	32.72 -1.83 0.00	34.49 -1.74 0.00	39.66 -1.74 0.00	49.37 -2.54 0.00	55.84 -3.13 0.00	51.58 -2.66 0.00	46.12 -2.01 2.02	46.35 -1.95 1.70	44.56 -2.29 1.95	40.08 -2.34 1.78	38.52 -2.34 1.72	37.03 -2.47 1.73	37.16 -2.13 1.66	39.51 -1.95 0.00	45.20 -2.09 1.23	51.12 -2.61 0.65	57.06 -2.94 0.00	53.13 -2.39 0.00	43.30 -2.28 0.02	38.64 -1.91 0.00	38.32 -1.76 0.00
STA_67___115KV_BK2 355882	36.58 -1.84 0.00	35.08 -1.92 0.00	33.57 -1.80 0.00	32.75 -1.80 0.00	34.52 -1.70 0.00	39.70 -1.70 0.00	49.37 -2.54 0.00	55.67 -3.30 0.00	51.41 -2.82 0.00	44.91 -2.06 3.17	45.26 -2.05 2.68	43.34 -2.39 3.07	38.92 -2.48 2.81	37.40 -2.47 2.71	35.96 -2.56 2.71	36.07 -2.25 2.62	38.42 -2.03 1.01	44.01 -2.18 2.33	50.53 -2.77 1.08	56.87 -3.12 0.01	53.01 -2.50 0.01	43.14 -2.42 0.05	38.56 -1.99 0.00	38.28 -1.80 0.00
STA_7___115KV_9TRANS 80674	36.81 -1.61 0.00	35.26 -1.74 0.00	33.71 -1.66 0.00	32.89 -1.66 0.00	34.70 -1.52 0.00	39.95 -1.45 0.00	49.68 -2.23 0.00	56.14 -2.83 0.00	51.85 -2.39 0.00	45.28 -1.70 3.16	45.68 -1.65 2.66	43.75 -2.00 3.05	39.24 -2.17 2.79	37.76 -2.13 2.70	36.22 -2.31 2.70	36.42 -1.92 2.61	38.77 -1.70 0.99	44.36 -1.84 2.31	50.98 -2.34 1.08	57.35 -2.64 0.01	53.45 -2.05 0.01	43.51 -2.05 0.05	38.84 -1.70 0.00	38.56 -1.52 0.00
STA_82___115KV_TB1 80780	36.58 -1.84 0.00	35.08 -1.92 0.00	33.57 -1.80 0.00	32.75 -1.80 0.00	34.52 -1.70 0.00	39.75 -1.66 0.00	49.37 -2.54 0.00	55.73 -3.24 0.00	51.47 -2.77 0.00	45.02 -2.06 3.06	45.36 -2.05 2.58	43.45 -2.39 2.96	39.02 -2.48 2.71	37.54 -2.43 2.61	36.05 -2.56 2.62	36.21 -2.21 2.53	38.54 -2.03 0.89	44.12 -2.18 2.22	50.57 -2.77 1.04	56.87 -3.12 0.01	53.01 -2.50 0.01	43.19 -2.37 0.05	38.56 -1.99 0.00	38.28 -1.80 0.00
STEEL___WIND 323596	35.65 -2.77 0.00	34.19 -2.81 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.92 -2.48 0.00	48.07 -3.84 0.00	53.84 -5.13 0.00	49.78 -4.45 0.01	38.86 -4.11 7.17	39.78 -4.15 6.07	37.70 -4.15 6.95	34.00 -3.85 6.36	32.61 -3.83 6.14	31.48 -3.71 6.04	31.53 -3.48 5.94	33.78 -4.11 3.57	37.96 -4.66 5.90	46.29 -5.55 2.55	54.58 -5.40 0.02	50.00 -5.50 0.02	41.19 -4.38 0.03	36.97 -3.57 0.00	37.24 -2.85 0.00
STEPHTWN_115KV_BK_2 55603	39.53 1.11 0.00	38.04 1.04 0.00	36.43 1.06 0.00	35.59 1.04 0.00	37.24 1.01 0.00	42.64 1.24 0.00	53.62 1.71 0.00	61.27 2.30 0.00	56.46 2.22 0.00	52.15 2.01 0.00	51.89 1.90 0.00	50.85 2.05 0.00	46.10 1.90 0.00	44.41 1.83 0.00	42.92 1.69 0.00	42.59 1.64 0.00	43.08 1.62 0.00	50.27 1.75 0.00	56.46 2.07 0.00	62.28 2.28 0.00	57.74 2.22 0.00	47.34 1.73 0.00	42.00 1.46 0.00	41.57 1.48 0.00
STEUBEN_REC_LFGE 323667	36.31 -2.11 0.00	34.82 -2.18 0.00	33.11 -2.26 0.00	32.10 -2.45 0.00	33.73 -2.50 0.00	38.96 -2.44 0.00	49.16 -2.75 0.00	55.84 -3.13 0.00	51.93 -2.33 -0.03	49.95 -2.61 -2.41	49.43 -2.80 -2.23	48.32 -3.03 -2.55	43.66 -2.87 -2.34	41.90 -2.94 -2.26	40.38 -2.80 -1.95	40.35 -2.78 -2.19	51.02 -3.32 -12.87	51.38 -3.54 -6.40	51.69 -3.86 -1.16	56.42 -3.66 -0.08	51.88 -3.72 -0.08	42.44 -3.15 0.01	37.95 -2.59 0.00	37.92 -2.16 0.00
STILLWATER___SOLAR 323814	40.19 1.77 0.00	38.67 1.67 0.00	37.03 1.66 0.00	36.18 1.62 0.00	37.82 1.59 0.00	43.39 1.99 0.00	54.25 2.34 0.00	61.98 3.01 0.00	57.16 2.93 0.00	52.75 2.61 0.00	52.44 2.45 0.00	51.34 2.54 0.00	46.50 2.30 0.00	44.75 2.17 0.00	43.21 1.98 0.00	42.92 1.97 0.00	43.37 1.91 0.00	50.65 2.13 0.00	57.05 2.66 0.00	63.00 3.00 0.00	58.40 2.88 0.00	47.84 2.23 0.00	42.77 2.23 0.00	42.33 2.24 0.00
STONY___BROOK 24151	41.16 2.73 -0.01	39.86 2.85 -0.01	38.21 2.83 -0.01	37.42 2.87 -0.01	39.24 3.01 -0.01	51.80 3.43 -6.96	56.06 4.15 0.00	63.57 4.60 0.00	58.41 4.18 0.00	54.15 4.01 0.00	54.40 4.40 -0.01	54.20 4.54 -0.86	51.85 4.29 -3.37	51.81 4.13 -5.09	45.34 3.79 -0.33	44.68 3.73 -0.01	51.84 3.90 -6.49	52.84 4.32 -0.01	58.85 4.46 0.00	65.22 5.22 0.00	60.01 4.49 0.00	51.06 4.11 -1.35	48.76 3.65 -4.56	44.03 3.41 -0.54
STURGEON_POOL_HYD 23609	39.84 1.42 0.00	38.45 1.44 0.00	36.75 1.38 0.00	35.93 1.38 0.00	37.67 1.45 0.00	43.06 1.66 0.00	54.35 2.44 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.81 2.61 0.00	45.05 2.47 0.00	43.58 2.35 0.00	43.08 2.13 0.00	43.66 2.20 0.00	51.04 2.52 0.00	57.27 2.88 0.00	63.24 3.24 0.00	58.40 2.89 0.00	47.93 2.33 0.00	42.53 1.99 0.00	41.85 1.76 0.00
ST_LAW_115_BK7_LBMP 345037	38.27 -0.15 0.00	36.86 -0.15 0.00	35.16 -0.21 0.00	34.31 -0.24 0.00	35.93 -0.29 0.00	40.99 -0.41 0.00	51.34 -0.57 0.00	58.26 -0.71 0.00	53.48 -0.76 0.00	49.39 -0.75 0.00	49.29 -0.70 0.00	48.12 -0.68 0.00	43.58 -0.62 0.00	42.07 -0.51 0.00	40.77 -0.45 0.00	40.50 -0.45 0.00	41.05 -0.41 0.00	48.08 -0.44 0.00	53.85 -0.54 0.00	59.28 -0.72 0.00	54.91 -0.61 0.00	45.01 -0.59 0.00	39.98 -0.57 0.00	39.56 -0.52 0.00

ST_LAW_115_BK8_LBMP 345038	38.27 -0.15 0.00	36.86 -0.15 0.00	35.16 -0.21 0.00	34.31 -0.24 0.00	35.93 -0.29 0.00	40.99 -0.41 0.00	51.34 -0.57 0.00	58.26 -0.71 0.00	53.48 -0.76 0.00	49.39 -0.75 0.00	49.29 -0.70 0.00	48.12 -0.68 0.00	43.58 -0.62 0.00	42.07 -0.51 0.00	40.77 -0.45 0.00	40.50 -0.45 0.00	41.05 -0.41 0.00	48.08 -0.44 0.00	53.85 -0.54 0.00	59.28 -0.72 0.00	54.91 -0.61 0.00	45.01 -0.59 0.00	39.98 -0.57 0.00	39.56 -0.52 0.00
ST_LAW_230_BK5_LBMP 345035	38.27 -0.15 0.00	36.86 -0.15 0.00	35.16 -0.21 0.00	34.31 -0.24 0.00	35.97 -0.25 0.00	40.99 -0.41 0.00	51.39 -0.52 0.00	58.26 -0.71 0.00	53.53 -0.71 0.00	49.44 -0.70 0.00	49.34 -0.65 0.00	48.16 -0.64 0.00	43.63 -0.58 0.00	42.12 -0.47 0.00	40.82 -0.41 0.00	40.54 -0.41 0.00	41.09 -0.37 0.00	48.13 -0.39 0.00	53.90 -0.49 0.00	59.34 -0.66 0.00	54.91 -0.61 0.00	45.01 -0.59 0.00	39.98 -0.57 0.00	39.56 -0.52 0.00
ST_LAW_230_BK6_LBMP 345036	38.27 -0.15 0.00	36.86 -0.15 0.00	35.16 -0.21 0.00	34.31 -0.24 0.00	35.97 -0.25 0.00	40.99 -0.41 0.00	51.39 -0.52 0.00	58.26 -0.71 0.00	53.53 -0.71 0.00	49.44 -0.70 0.00	49.34 -0.65 0.00	48.16 -0.64 0.00	43.63 -0.58 0.00	42.12 -0.47 0.00	40.82 -0.41 0.00	40.54 -0.41 0.00	41.09 -0.37 0.00	48.13 -0.39 0.00	53.90 -0.49 0.00	59.34 -0.66 0.00	54.91 -0.61 0.00	45.01 -0.59 0.00	39.98 -0.57 0.00	39.56 -0.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.57 1.15 0.00	38.19 1.18 0.00	36.50 1.13 0.00	35.69 1.14 0.00	37.42 1.20 0.00	42.77 1.37 0.00	53.99 2.08 0.00	61.74 2.77 0.00	56.73 2.49 0.00	52.45 2.31 0.00	52.39 2.40 0.00	51.19 2.39 0.00	46.46 2.25 0.00	44.76 2.17 0.00	43.33 2.10 0.00	42.88 1.92 0.00	43.41 1.95 0.00	50.70 2.18 0.00	56.84 2.45 0.00	62.76 2.76 0.00	58.01 2.50 0.00	47.61 2.01 0.00	42.21 1.66 0.00	41.57 1.48 0.00
SWANROAD_115KV_TB1 355699	34.65 -3.77 0.00	33.19 -3.81 0.00	31.73 -3.64 0.00	30.96 -3.59 0.00	32.75 -3.48 0.00	37.80 -3.60 0.00	46.41 -5.50 0.00	51.95 -7.02 0.00	48.04 -6.18 0.01	36.94 -5.26 7.93	38.03 -5.25 6.71	35.65 -5.47 7.69	31.95 -5.22 7.03	30.64 -5.15 6.79	29.49 -5.07 6.66	29.63 -4.75 6.57	32.01 -4.85 4.60	36.27 -5.48 6.77	44.86 -6.69 2.84	52.95 -7.02 0.03	49.05 -6.44 0.03	40.10 -5.47 0.04	36.12 -4.42 0.00	36.08 -4.01 0.00
SYNERGY___BIOGAS 323694	36.38 -2.04 0.00	34.82 -2.18 0.00	33.29 -2.09 0.00	32.44 -2.11 0.00	34.34 -1.89 0.00	39.70 -1.70 0.00	49.26 -2.65 0.00	55.61 -3.36 0.00	51.25 -2.98 0.01	41.52 -2.46 6.16	42.28 -2.50 5.22	39.90 -2.93 5.97	35.78 -2.96 5.46	34.28 -3.02 5.28	33.47 -2.56 5.20	33.14 -2.70 5.11	35.46 -2.69 3.31	40.62 -2.76 5.14	48.83 -3.37 2.19	56.68 -3.30 0.02	52.66 -2.83 0.02	42.87 -2.69 0.04	38.19 -2.35 0.00	38.20 -1.88 0.00
SYRACUSE___ENERGY_ST1 323597	38.11 -0.31 0.00	36.71 -0.30 0.00	35.12 -0.25 0.00	34.31 -0.24 0.00	36.01 -0.22 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.69 -0.30 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.07 -0.51 0.00	40.69 -0.54 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.34 -0.20 0.00	39.89 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	38.11 -0.31 0.00	36.71 -0.30 0.00	35.12 -0.25 0.00	34.31 -0.24 0.00	36.01 -0.22 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.62 -0.35 0.00	53.97 -0.27 0.00	49.94 -0.20 0.00	49.69 -0.30 0.00	48.36 -0.44 0.00	43.76 -0.44 0.00	42.07 -0.51 0.00	40.69 -0.54 0.00	40.50 -0.45 0.00	41.01 -0.46 0.00	48.08 -0.44 0.00	53.95 -0.44 0.00	59.58 -0.42 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.34 -0.20 0.00	39.89 -0.20 0.00
SYRACUSE___POWER 24017	38.04 -0.38 0.00	36.60 -0.41 0.00	35.02 -0.35 0.00	34.21 -0.35 0.00	35.90 -0.33 0.00	41.11 -0.29 0.00	51.49 -0.42 0.00	58.50 -0.47 0.00	53.86 -0.38 0.00	50.53 -0.35 -0.74	50.20 -0.40 -0.61	48.96 -0.54 -0.70	44.31 -0.53 -0.64	42.60 -0.60 -0.62	41.22 -0.62 -0.61	41.01 -0.53 -0.60	40.92 -0.54 0.00	48.53 -0.53 -0.54	54.13 -0.54 -0.29	59.52 -0.48 0.00	55.07 -0.44 0.00	45.29 -0.32 0.00	40.26 -0.28 0.00	39.85 -0.24 0.00
TALLMAN___138KV_BK151 55660	39.69 1.27 0.00	38.34 1.33 0.00	36.68 1.31 0.00	35.83 1.28 0.00	37.57 1.34 0.00	42.93 1.53 0.00	54.30 2.39 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.85 2.65 0.00	45.14 2.56 0.00	43.66 2.43 0.00	43.20 2.25 0.00	43.74 2.28 0.00	51.04 2.52 0.00	57.22 2.83 0.00	63.12 3.12 0.00	58.35 2.83 0.00	47.89 2.28 0.00	42.41 1.86 0.00	41.73 1.64 0.00
TEALLAVE_115KV_TB7 355573	37.92 -0.50 0.00	36.49 -0.52 0.00	34.91 -0.46 0.00	34.10 -0.45 0.00	35.79 -0.43 0.00	40.99 -0.41 0.00	51.34 -0.57 0.00	58.26 -0.71 0.00	53.69 -0.54 0.00	49.64 -0.50 0.00	49.44 -0.55 0.00	48.17 -0.63 0.00	43.54 -0.66 0.00	41.90 -0.68 0.00	40.53 -0.70 0.00	40.34 -0.61 0.00	40.84 -0.62 0.00	47.84 -0.68 0.00	53.63 -0.76 0.00	59.28 -0.72 0.00	54.90 -0.61 0.00	45.10 -0.50 0.00	40.14 -0.41 0.00	39.73 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	35.54 -2.88 0.00	34.04 -2.96 0.00	32.54 -2.83 0.00	31.75 -2.80 0.00	33.58 -2.64 0.00	38.75 -2.65 0.00	47.86 -4.05 0.00	53.78 -5.19 0.00	49.73 -4.50 0.01	39.03 -3.76 7.35	39.98 -3.80 6.22	37.58 -4.10 7.12	33.66 -4.02 6.51	32.29 -4.00 6.29	31.05 -4.00 6.18	31.22 -3.64 6.09	33.54 -3.69 4.23	38.14 -4.12 6.25	46.81 -4.95 2.63	54.81 -5.16 0.03	50.82 -4.66 0.03	41.46 -4.10 0.04	37.26 -3.28 0.00	37.16 -2.93 0.00
TEMPLE___115KV_TB 2 55572	37.92 -0.50 0.00	36.52 -0.48 0.00	34.91 -0.46 0.00	34.14 -0.41 0.00	35.83 -0.40 0.00	40.99 -0.41 0.00	51.39 -0.52 0.00	58.32 -0.65 0.00	53.69 -0.54 0.00	49.69 -0.45 0.00	49.49 -0.50 0.00	48.17 -0.63 0.00	43.58 -0.62 0.00	41.90 -0.68 0.00	40.53 -0.70 0.00	40.34 -0.61 0.00	40.84 -0.62 0.00	47.89 -0.63 0.00	53.68 -0.71 0.00	59.28 -0.72 0.00	54.90 -0.61 0.00	45.15 -0.46 0.00	40.18 -0.36 0.00	39.73 -0.36 0.00
TIANA____69_KV_BK 1 55817	41.15 2.73 0.00	40.07 3.07 0.00	38.38 3.01 0.00	37.56 3.01 0.00	39.38 3.15 0.00	51.96 3.60 -6.96	56.53 4.62 0.00	63.27 4.30 0.00	58.09 3.85 0.00	53.80 3.66 0.00	54.04 4.05 0.00	53.80 4.15 -0.85	51.32 3.76 -3.36	51.25 3.58 -5.09	44.97 3.42 -0.32	44.10 3.15 0.00	51.21 3.28 -6.48	52.06 3.54 0.00	58.31 3.92 0.00	64.92 4.92 0.00	59.73 4.22 0.00	50.55 3.60 -1.34	48.46 3.37 -4.56	43.98 3.37 -0.53
TILDEN___115KV_TB1 80814	38.04 -0.38 0.00	36.60 -0.41 0.00	35.02 -0.35 0.00	34.21 -0.35 0.00	35.90 -0.33 0.00	41.11 -0.29 0.00	51.49 -0.42 0.00	58.50 -0.47 0.00	53.86 -0.38 0.00	50.53 -0.35 -0.74	50.20 -0.40 -0.61	48.96 -0.54 -0.70	44.31 -0.53 -0.64	42.60 -0.60 -0.62	41.22 -0.62 -0.61	41.01 -0.53 -0.60	40.92 -0.54 0.00	48.53 -0.53 -0.54	54.13 -0.54 -0.29	59.52 -0.48 0.00	55.07 -0.44 0.00	45.29 -0.32 0.00	40.26 -0.28 0.00	39.85 -0.24 0.00

TRIGEN___CC 323695	40.49 2.07 0.00	39.11 2.11 0.00	37.42 2.05 0.00	36.62 2.07 0.00	38.40 2.17 0.00	50.84 2.48 -6.96	55.34 3.43 0.00	63.16 4.19 0.00	58.09 3.85 0.00	53.85 3.71 0.00	53.94 3.95 0.00	53.70 4.05 -0.85	51.32 3.76 -3.36	51.33 3.66 -5.09	45.01 3.46 -0.32	44.19 3.24 0.00	51.26 3.32 -6.48	52.11 3.59 0.00	58.25 3.86 0.00	64.38 4.38 0.00	59.46 3.94 0.00	50.37 3.42 -1.34	47.94 2.84 -4.56	43.18 2.57 -0.53
TRINITY___115KV___4 BK 55933	39.23 0.81 0.00	37.82 0.81 0.00	36.19 0.81 0.00	35.35 0.79 0.00	37.02 0.80 0.00	42.31 0.91 0.00	53.16 1.25 0.00	60.68 1.71 0.00	55.92 1.68 0.00	51.64 1.50 0.00	51.44 1.45 0.00	50.36 1.56 0.00	45.70 1.50 0.00	43.99 1.41 0.00	42.59 1.36 0.00	42.22 1.27 0.00	42.71 1.24 0.00	49.83 1.31 0.00	55.97 1.58 0.00	61.68 1.68 0.00	57.12 1.61 0.00	46.93 1.32 0.00	41.64 1.09 0.00	41.21 1.12 0.00
UNION___PROCESSING_DRP 323587	36.61 -1.81 0.00	35.12 -1.89 0.00	33.57 -1.80 0.00	32.75 -1.80 0.00	34.52 -1.70 0.00	39.75 -1.66 0.00	49.37 -2.54 0.00	55.73 -3.24 0.00	51.47 -2.77 0.00	44.99 -2.06 3.10	45.33 -2.05 2.62	43.41 -2.39 2.99	39.03 -2.43 2.74	37.51 -2.43 2.65	36.02 -2.56 2.65	36.18 -2.21 2.56	38.55 -1.99 0.92	44.08 -2.18 2.25	50.61 -2.72 1.06	56.93 -3.06 0.01	53.01 -2.50 0.01	43.19 -2.37 0.05	38.56 -1.99 0.00	38.28 -1.80 0.00
UPPER HUDSON___HYD 24058	40.45 2.03 0.00	38.89 1.89 0.00	37.25 1.87 0.00	36.42 1.86 0.00	38.00 1.77 0.00	43.68 2.28 0.00	53.78 1.87 0.00	61.50 2.53 0.00	56.84 2.60 0.00	52.45 2.31 0.00	52.09 2.10 0.00	50.95 2.14 0.00	46.19 1.99 0.00	44.41 1.83 0.00	42.88 1.65 0.00	42.59 1.64 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.57 2.18 0.00	62.52 2.52 0.00	58.02 2.50 0.00	47.52 1.92 0.00	43.14 2.60 0.00	42.65 2.57 0.00
UPPER RAQUET___HYD 24056	37.84 -0.58 0.00	36.45 -0.55 0.00	34.70 -0.67 0.00	33.86 -0.69 0.00	35.50 -0.72 0.00	40.41 -0.99 0.00	50.77 -1.14 0.00	57.67 -1.30 0.00	52.83 -1.41 0.00	48.64 -1.50 0.00	48.54 -1.45 0.00	47.34 -1.46 0.00	42.83 -1.37 0.00	41.31 -1.28 0.00	40.12 -1.11 0.00	39.85 -1.10 0.00	40.34 -1.12 0.00	47.41 -1.11 0.00	53.19 -1.20 0.00	58.68 -1.32 0.00	54.35 -1.17 0.00	44.65 -0.96 0.00	39.45 -1.09 0.00	39.01 -1.08 0.00
VALLEY44_115KV_TB2 355964	35.92 -2.50 0.00	34.49 -2.52 0.00	32.97 -2.41 0.00	32.17 -2.38 0.00	34.09 -2.14 0.00	39.33 -2.07 0.00	48.95 -2.96 0.00	54.90 -4.07 0.00	50.60 -3.63 0.00	41.21 -4.56 4.37	41.71 -4.60 3.69	40.43 -4.15 4.22	36.71 -3.62 3.86	35.27 -3.58 3.73	34.46 -3.05 3.72	34.15 -3.19 3.61	36.49 -4.98 0.00	40.07 -5.68 2.77	46.77 -6.15 1.48	55.02 -4.98 0.00	49.35 -6.16 0.00	41.34 -4.24 0.03	37.50 -3.04 0.00	37.72 -2.37 0.00
VALLEY___115KV_TB 1-4 80826	37.92 -0.50 0.00	36.41 -0.59 0.00	34.77 -0.60 0.00	34.00 -0.55 0.00	35.68 -0.54 0.00	40.78 -0.62 0.00	51.18 -0.73 0.00	58.38 -0.59 0.00	53.69 -0.54 0.00	49.74 -0.40 0.00	49.69 -0.30 0.00	48.56 -0.24 0.00	44.02 -0.18 0.00	42.50 -0.09 0.00	41.19 -0.04 0.00	40.95 0.00 0.00	41.42 -0.04 0.00	48.42 -0.10 0.00	54.23 -0.16 0.00	59.76 -0.24 0.00	55.18 -0.33 0.00	45.33 -0.27 0.00	40.22 -0.32 0.00	39.69 -0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.15 1.73 0.00	38.67 1.67 0.00	36.93 1.56 0.00	36.11 1.55 0.00	37.86 1.63 0.00	43.26 1.86 0.00	54.51 2.60 0.00	62.33 3.36 0.00	57.22 2.98 0.00	52.95 2.81 0.00	52.79 2.80 0.00	51.39 2.59 0.00	46.41 2.21 0.00	44.58 2.00 0.00	43.12 1.90 0.00	42.79 1.84 0.00	43.33 1.87 0.00	50.80 2.28 0.00	56.95 2.56 0.00	62.94 2.94 0.00	58.12 2.61 0.00	47.70 2.10 0.00	42.29 1.74 0.00	41.73 1.64 0.00
VISCHER___FERRY HYD 24020	39.84 1.42 0.00	38.37 1.37 0.00	36.72 1.34 0.00	35.86 1.31 0.00	37.57 1.34 0.00	42.97 1.57 0.00	53.93 2.02 0.00	61.56 2.59 0.00	56.73 2.50 0.00	52.34 2.20 0.00	52.14 2.15 0.00	51.05 2.25 0.00	46.32 2.12 0.00	44.59 2.00 0.00	43.08 1.86 0.00	42.80 1.84 0.00	43.24 1.78 0.00	50.46 1.94 0.00	56.78 2.39 0.00	62.63 2.64 0.00	58.02 2.50 0.00	47.61 2.00 0.00	42.37 1.83 0.00	41.89 1.81 0.00
V_A_10_SYNC_DSASP 323832	35.54 -2.88 0.00	34.12 -2.89 0.00	32.58 -2.80 0.00	31.79 -2.77 0.00	33.58 -2.64 0.00	38.67 -2.73 0.00	47.71 -4.20 0.00	53.60 -5.37 0.00	49.51 -4.72 0.01	40.41 -3.66 6.07	41.21 -3.65 5.14	38.92 -4.00 5.88	34.93 -3.89 5.38	33.51 -3.87 5.20	32.98 -3.14 5.11	32.36 -3.56 5.03	34.85 -3.32 3.30	39.73 -3.73 5.06	47.51 -4.73 2.15	54.70 -5.28 0.02	50.94 -4.55 0.02	41.51 -4.06 0.04	36.93 -3.61 0.00	37.04 -3.05 0.00
V_CMM_10_SYNC_DSASP 323787	38.42 0.00 0.00	37.00 0.00 0.00	35.30 -0.07 0.00	34.45 -0.10 0.00	36.12 -0.11 0.00	41.11 -0.29 0.00	51.55 -0.36 0.00	58.44 -0.53 0.00	53.69 -0.54 0.00	49.54 -0.60 0.00	49.49 -0.50 0.00	48.31 -0.49 0.00	43.76 -0.44 0.00	42.24 -0.34 0.00	40.94 -0.29 0.00	40.67 -0.28 0.00	41.21 -0.25 0.00	48.28 -0.24 0.00	54.01 -0.38 0.00	59.52 -0.48 0.00	55.13 -0.39 0.00	45.19 -0.41 0.00	40.10 -0.45 0.00	39.73 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	38.73 0.31 0.00	37.04 0.04 0.00	35.05 -0.32 0.00	34.00 -0.55 0.00	35.50 -0.72 0.00	40.20 -1.20 0.00	50.04 -1.87 0.00	56.61 -2.36 0.00	52.12 -2.12 0.00	48.29 -1.85 0.00	48.35 -1.65 0.00	47.14 -1.66 0.00	42.88 -1.32 0.00	41.56 -1.02 0.00	40.57 -0.66 0.00	40.58 -0.37 0.00	41.46 0.00 0.00	48.76 0.24 0.00	54.61 0.22 0.00	58.98 -1.02 0.00	55.01 -0.50 0.00	44.56 -1.05 0.00	39.04 -1.50 0.00	38.60 -1.48 0.00
V_D_10_SYNC_DSASP 323841	38.50 0.08 0.00	37.11 0.11 0.00	35.37 0.00 0.00	34.52 -0.03 0.00	36.19 -0.04 0.00	41.24 -0.16 0.00	51.70 -0.21 0.00	58.79 -0.18 0.00	53.97 -0.27 0.00	49.79 -0.35 0.00	49.70 -0.30 0.00	48.51 -0.29 0.00	43.94 -0.26 0.00	42.41 -0.17 0.00	41.10 -0.12 0.00	40.79 -0.16 0.00	41.34 -0.12 0.00	48.47 -0.05 0.00	54.28 -0.11 0.00	59.82 -0.18 0.00	55.40 -0.11 0.00	45.47 -0.14 0.00	40.30 -0.24 0.00	39.89 -0.20 0.00
V_E_10_SYNC_DSASP 323830	40.61 2.19 0.00	38.93 1.92 0.00	36.97 1.59 0.00	36.14 1.59 0.00	37.89 1.67 0.00	43.39 1.99 0.00	54.92 3.01 0.00	62.86 3.89 0.00	57.33 3.09 0.00	58.89 2.56 -6.19	57.33 2.35 -4.98	56.46 1.95 -5.71	50.97 1.55 -5.22	48.95 1.32 -5.04	47.38 1.20 -4.96	47.26 1.43 -4.88	44.07 1.58 -1.03	55.47 2.52 -4.43	60.01 3.43 -2.19	64.26 4.26 -0.01	59.24 3.72 -0.01	48.43 2.83 0.00	42.65 2.11 0.00	42.09 2.00 0.00
V_F_30_NSYNC___DSASP 323816	40.23 1.81 0.00	38.71 1.70 0.00	37.07 1.70 0.00	36.21 1.66 0.00	37.86 1.63 0.00	43.43 2.03 0.00	54.30 2.39 0.00	62.03 3.06 0.00	57.22 2.98 0.00	52.80 2.66 0.00	52.54 2.55 0.00	51.39 2.58 0.00	46.59 2.39 0.00	44.80 2.21 0.00	43.25 2.02 0.00	42.96 2.01 0.00	43.45 1.99 0.00	50.70 2.19 0.00	57.11 2.72 0.00	63.06 3.06 0.00	58.46 2.94 0.00	47.89 2.28 0.00	42.81 2.27 0.00	42.33 2.24 0.00

V_F_30_SYNC_DSASP 323786	39.30 0.88 0.00	37.89 0.89 0.00	36.26 0.88 0.00	35.41 0.86 0.00	37.06 0.83 0.00	42.40 0.99 0.00	53.31 1.40 0.00	60.86 1.89 0.00	56.08 1.84 0.00	51.84 1.70 0.00	51.64 1.65 0.00	50.56 1.76 0.00	45.84 1.64 0.00	44.16 1.58 0.00	42.71 1.48 0.00	42.34 1.39 0.00	42.83 1.37 0.00	49.97 1.46 0.00	56.13 1.74 0.00	61.86 1.86 0.00	57.35 1.83 0.00	47.07 1.46 0.00	41.76 1.22 0.00	41.33 1.24 0.00
V_XM_10_SYNC_DSASP 323789	38.73 0.31 0.00	37.04 0.04 0.00	35.05 -0.32 0.00	34.00 -0.55 0.00	35.50 -0.72 0.00	40.20 -1.20 0.00	50.04 -1.87 0.00	56.61 -2.36 0.00	52.12 -2.12 0.00	48.29 -1.85 0.00	48.35 -1.65 0.00	47.14 -1.66 0.00	42.88 -1.32 0.00	41.56 -1.02 0.00	40.57 -0.66 0.00	40.58 -0.37 0.00	41.46 0.00 0.00	48.76 0.24 0.00	54.61 0.22 0.00	58.98 -1.02 0.00	55.01 -0.50 0.00	44.56 -1.05 0.00	39.04 -1.50 0.00	38.60 -1.48 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.84 1.42 0.00	38.45 1.44 0.00	36.79 1.41 0.00	35.93 1.38 0.00	37.71 1.49 0.00	43.06 1.66 0.00	54.51 2.60 0.00	62.33 3.36 0.00	57.33 3.09 0.00	53.00 2.86 0.00	52.94 2.95 0.00	51.78 2.98 0.00	46.99 2.78 0.00	45.31 2.73 0.00	43.82 2.60 0.00	43.33 2.38 0.00	43.91 2.45 0.00	51.24 2.72 0.00	57.44 3.05 0.00	63.36 3.36 0.00	58.57 3.05 0.00	48.07 2.46 0.00	42.57 2.03 0.00	41.89 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.11 1.69 0.00	38.74 1.74 0.00	37.11 1.73 0.00	36.28 1.73 0.00	38.00 1.78 0.00	43.39 1.99 0.00	55.02 3.11 0.00	63.10 4.13 0.00	57.98 3.74 0.00	53.70 3.56 0.00	53.59 3.60 0.00	52.46 3.66 0.00	47.60 3.40 0.00	45.86 3.28 0.00	44.36 3.13 0.00	43.82 2.87 0.00	44.41 2.94 0.00	51.87 3.35 0.00	57.93 3.54 0.00	63.84 3.84 0.00	59.12 3.61 0.00	48.57 2.96 0.00	42.94 2.39 0.00	42.17 2.08 0.00
W50THST__13_KV_LOAD 356117	40.26 1.84 0.00	38.89 1.89 0.00	37.25 1.87 0.00	36.38 1.83 0.00	38.15 1.92 0.00	43.55 2.15 0.00	55.28 3.37 0.00	63.39 4.42 0.00	58.30 4.07 0.00	54.10 3.96 0.00	53.99 4.00 0.00	52.85 4.05 0.00	47.96 3.76 0.00	46.20 3.62 0.00	44.69 3.46 0.00	44.06 3.11 0.00	44.70 3.23 0.00	52.21 3.69 0.00	58.20 3.81 0.00	64.14 4.14 0.00	59.40 3.89 0.00	48.75 3.15 0.00	43.10 2.55 0.00	42.33 2.24 0.00
WADING RIVER_IC_1 23522	40.85 2.42 -0.01	39.79 2.78 -0.01	38.14 2.76 -0.01	37.36 2.80 -0.01	39.17 2.93 -0.01	51.72 3.35 -6.96	55.85 3.94 0.00	62.75 3.78 0.00	57.60 3.36 0.00	53.35 3.21 0.00	53.60 3.60 -0.01	53.42 3.76 -0.86	51.02 3.45 -3.37	51.00 3.32 -5.09	44.56 3.01 -0.33	43.87 2.91 -0.01	51.02 3.07 -6.49	51.87 3.35 -0.01	57.98 3.59 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.33 3.37 -1.35	48.39 3.28 -4.56	43.83 3.21 -0.54
WADING RIVER_IC_2 23547	40.85 2.42 -0.01	39.79 2.78 -0.01	38.14 2.76 -0.01	37.36 2.80 -0.01	39.17 2.93 -0.01	51.72 3.35 -6.96	55.85 3.94 0.00	62.75 3.78 0.00	57.60 3.36 0.00	53.35 3.21 0.00	53.60 3.60 -0.01	53.42 3.76 -0.86	51.02 3.45 -3.37	51.00 3.32 -5.09	44.56 3.01 -0.33	43.87 2.91 -0.01	51.02 3.07 -6.49	51.87 3.35 -0.01	57.98 3.59 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.33 3.37 -1.35	48.39 3.28 -4.56	43.83 3.21 -0.54
WADING RIVER_IC_3 23601	40.85 2.42 -0.01	39.79 2.78 -0.01	38.14 2.76 -0.01	37.36 2.80 -0.01	39.17 2.93 -0.01	51.72 3.35 -6.96	55.85 3.94 0.00	62.75 3.78 0.00	57.60 3.36 0.00	53.35 3.21 0.00	53.60 3.60 -0.01	53.42 3.76 -0.86	51.02 3.45 -3.37	51.00 3.32 -5.09	44.56 3.01 -0.33	43.87 2.91 -0.01	51.02 3.07 -6.49	51.87 3.35 -0.01	57.98 3.59 0.00	64.50 4.50 0.00	59.40 3.88 0.00	50.33 3.37 -1.35	48.39 3.28 -4.56	43.83 3.21 -0.54
WALDENNY_12_KV_BK2 80841	35.65 -2.77 0.00	34.15 -2.85 0.00	32.65 -2.72 0.00	31.86 -2.69 0.00	33.73 -2.50 0.00	38.92 -2.48 0.00	48.07 -3.84 0.00	53.90 -5.07 0.00	49.84 -4.39 0.01	38.88 -4.01 7.25	39.86 -4.00 6.14	37.73 -4.05 7.02	33.97 -3.80 6.43	32.58 -3.79 6.21	31.54 -3.59 6.10	31.50 -3.44 6.01	33.76 -4.02 3.68	38.01 -4.51 5.99	46.37 -5.44 2.58	54.69 -5.28 0.02	50.16 -5.33 0.02	41.24 -4.33 0.03	37.26 -3.28 0.00	37.28 -2.81 0.00
WALDEN__HYDRO 24148	39.76 1.34 0.00	38.37 1.37 0.00	36.68 1.31 0.00	35.86 1.31 0.00	37.60 1.38 0.00	42.97 1.57 0.00	54.25 2.34 0.00	62.10 3.13 0.00	57.11 2.87 0.00	52.75 2.61 0.00	52.69 2.70 0.00	51.53 2.73 0.00	46.72 2.52 0.00	45.01 2.43 0.00	43.54 2.31 0.00	43.04 2.09 0.00	43.62 2.16 0.00	50.95 2.43 0.00	57.22 2.83 0.00	63.24 3.24 0.00	58.40 2.89 0.00	47.89 2.28 0.00	42.45 1.91 0.00	41.81 1.72 0.00
WARRENSBURG____ 23737	40.46 2.04 0.00	38.89 1.89 0.00	37.25 1.87 0.00	36.42 1.87 0.00	38.00 1.78 0.00	43.68 2.28 0.00	53.78 1.87 0.00	61.51 2.54 0.00	56.79 2.55 0.00	52.45 2.31 0.00	52.09 2.10 0.00	50.95 2.15 0.00	46.19 1.99 0.00	44.41 1.83 0.00	42.92 1.69 0.00	42.59 1.64 0.00	43.04 1.58 0.00	50.22 1.70 0.00	56.57 2.18 0.00	62.52 2.52 0.00	58.01 2.50 0.00	47.52 1.92 0.00	43.10 2.55 0.00	42.65 2.57 0.00
WATERSIDE____6 8 9 23538	38.39 1.92 1.95	36.91 1.96 2.05	35.02 1.95 2.30	35.40 1.90 1.06	38.19 1.96 -0.01	42.21 2.19 1.39	55.29 3.37 -0.01	63.34 4.36 -0.01	58.20 3.96 -0.01	54.28 3.71 -0.43	55.60 3.75 -1.85	55.97 3.81 -3.36	51.64 3.54 -3.90	54.14 3.41 -8.15	53.84 3.26 -9.35	48.51 3.03 -4.53	51.92 3.11 -7.35	52.02 3.49 -0.01	58.21 3.81 -0.01	59.37 4.14 4.77	53.88 3.83 5.47	48.81 3.19 -0.01	43.11 2.55 -0.01	40.65 2.33 1.76
WATKINRD_115KV_LN8_ILLION 55919	38.19 -0.23 0.00	36.71 -0.30 0.00	35.05 -0.32 0.00	34.27 -0.28 0.00	35.94 -0.29 0.00	41.07 -0.33 0.00	51.55 -0.36 0.00	58.73 -0.24 0.00	54.02 -0.22 0.00	49.99 -0.15 0.00	49.89 -0.10 0.00	48.75 -0.05 0.00	44.16 -0.04 0.00	42.58 0.00 0.00	41.27 0.04 0.00	41.03 0.08 0.00	41.50 0.04 0.00	48.57 0.05 0.00	54.44 0.05 0.00	60.00 0.00 0.00	55.46 -0.06 0.00	45.56 -0.05 0.00	40.42 -0.12 0.00	39.93 -0.16 0.00
WATSON__69_KV_BK 1 55734	41.30 2.88 0.00	40.00 3.00 0.00	38.27 2.90 0.00	37.49 2.94 0.00	39.34 3.12 0.00	51.96 3.60 -6.96	56.58 4.67 0.00	64.16 5.19 0.00	58.90 4.66 0.00	54.60 4.46 0.00	54.84 4.85 0.00	54.63 4.98 -0.85	52.11 4.55 -3.36	52.01 4.34 -5.09	45.75 4.21 -0.32	44.88 3.93 0.00	52.04 4.10 -6.48	52.98 4.46 0.00	59.34 4.95 0.00	65.82 5.82 0.00	60.57 5.05 0.00	51.37 4.42 -1.34	48.91 3.81 -4.56	44.18 3.57 -0.53
WDELAWARE__HYD 323627	39.61 1.19 0.00	38.19 1.18 0.00	36.54 1.17 0.00	35.69 1.14 0.00	37.42 1.19 0.00	42.77 1.36 0.00	54.04 2.13 0.00	61.86 2.89 0.00	56.84 2.60 0.00	52.50 2.36 0.00	52.49 2.50 0.00	51.19 2.39 0.00	46.37 2.17 0.00	44.63 2.04 0.00	43.04 1.81 0.00	42.71 1.76 0.00	43.33 1.87 0.00	50.70 2.19 0.00	57.05 2.66 0.00	63.06 3.06 0.00	58.18 2.66 0.00	47.66 2.05 0.00	42.25 1.70 0.00	41.57 1.48 0.00

WEST BABYLON___IC 23714	41.19 2.77 0.00	39.82 2.81 0.00	38.10 2.72 0.00	37.31 2.76 0.00	39.16 2.93 0.00	51.75 3.39 -6.96	56.27 4.36 0.00	63.98 5.01 0.00	58.74 4.50 0.00	54.45 4.31 0.00	54.69 4.70 0.00	54.44 4.78 -0.85	51.98 4.42 -3.36	51.93 4.26 -5.09	45.67 4.12 -0.32	44.80 3.85 0.00	51.92 3.98 -6.48	52.89 4.37 0.00	59.12 4.73 0.00	65.52 5.52 0.00	60.34 4.83 0.00	51.23 4.29 -1.34	48.75 3.65 -4.56	44.02 3.41 -0.53
WEST CANADA___HYD 24049	38.50 0.08 0.00	37.08 0.07 0.00	35.44 0.07 0.00	34.62 0.07 0.00	36.30 0.07 0.00	41.48 0.08 0.00	52.07 0.16 0.00	59.21 0.24 0.00	54.45 0.22 0.00	50.34 0.20 0.00	50.20 0.20 0.00	49.00 0.20 0.00	44.38 0.18 0.00	42.75 0.17 0.00	41.39 0.17 0.00	41.16 0.21 0.00	41.63 0.17 0.00	48.71 0.19 0.00	54.61 0.22 0.00	60.24 0.24 0.00	55.74 0.22 0.00	45.79 0.18 0.00	40.71 0.16 0.00	40.21 0.12 0.00
WESTERN_NY_WIND 24143	36.31 -2.11 0.00	34.75 -2.26 0.00	33.21 -2.16 0.00	32.41 -2.14 0.00	34.31 -1.92 0.00	39.62 -1.78 0.00	49.16 -2.75 0.00	55.49 -3.48 0.00	51.19 -3.04 0.01	41.18 -2.51 6.46	41.93 -2.60 5.46	39.52 -3.03 6.25	35.39 -3.09 5.72	33.99 -3.07 5.53	32.61 -3.17 5.44	32.82 -2.78 5.35	35.19 -2.74 3.53	40.20 -2.91 5.41	48.61 -3.48 2.30	56.56 -3.42 0.02	52.55 -2.94 0.02	42.78 -2.78 0.04	38.35 -2.19 0.00	38.16 -1.92 0.00
WESTOVER___LESR 323668	38.04 -0.38 0.00	36.60 -0.41 0.00	34.98 -0.39 0.00	34.17 -0.38 0.00	35.94 -0.29 0.00	41.19 -0.21 0.00	51.65 -0.26 0.00	58.56 -0.41 0.00	53.69 -0.54 0.00	49.49 -0.65 0.00	48.42 -0.75 0.82	47.03 -0.83 0.94	42.55 -0.80 0.86	40.95 -0.81 0.83	39.66 -0.74 0.83	39.41 -0.74 0.80	40.67 -0.79 0.00	46.57 -0.82 1.13	52.92 -0.87 0.60	59.40 -0.60 0.00	54.74 -0.78 0.00	45.05 -0.55 0.01	40.10 -0.45 0.00	39.81 -0.28 0.00
WETHRSFD_WT_PWR 323626	35.04 -3.38 0.00	33.64 -3.37 0.00	32.12 -3.25 0.00	31.34 -3.21 0.00	33.07 -3.15 0.00	38.17 -3.23 0.00	47.50 -4.41 0.00	53.60 -5.37 0.00	49.39 -4.77 0.07	6.80 -4.61 38.73	12.43 -4.75 32.81	6.32 -4.93 37.55	5.15 -4.69 34.36	4.74 -4.64 33.20	4.58 -4.45 32.19	4.44 -4.38 32.13	5.05 -4.73 31.68	6.40 -5.24 36.88	34.30 -5.82 14.28	53.74 -6.06 0.20	49.60 -5.72 0.20	40.79 -4.79 0.03	36.41 -4.14 0.00	36.60 -3.49 0.00
WHAVSTOR_138KV_BK127 55557	39.73 1.31 0.00	38.34 1.33 0.00	36.68 1.31 0.00	35.86 1.31 0.00	37.60 1.38 0.00	42.97 1.57 0.00	54.30 2.39 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.81 2.61 0.00	45.14 2.56 0.00	43.66 2.43 0.00	43.16 2.21 0.00	43.74 2.28 0.00	51.04 2.52 0.00	57.16 2.77 0.00	63.12 3.12 0.00	58.35 2.83 0.00	47.93 2.33 0.00	42.41 1.86 0.00	41.77 1.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.73 1.31 0.00	38.34 1.33 0.00	36.68 1.31 0.00	35.86 1.31 0.00	37.60 1.38 0.00	42.97 1.57 0.00	54.30 2.39 0.00	62.15 3.18 0.00	57.11 2.87 0.00	52.80 2.66 0.00	52.74 2.75 0.00	51.58 2.78 0.00	46.81 2.61 0.00	45.14 2.56 0.00	43.66 2.43 0.00	43.16 2.21 0.00	43.74 2.28 0.00	51.04 2.52 0.00	57.16 2.77 0.00	63.12 3.12 0.00	58.35 2.83 0.00	47.93 2.33 0.00	42.41 1.86 0.00	41.77 1.68 0.00
WHITEHAL_115KV_TB1 80871	40.96 2.54 0.00	39.33 2.33 0.00	37.71 2.33 0.00	36.83 2.28 0.00	38.44 2.21 0.00	44.22 2.82 0.00	54.76 2.86 0.00	62.69 3.72 0.00	57.92 3.69 0.00	53.40 3.26 0.00	52.99 3.00 0.00	51.78 2.98 0.00	46.90 2.70 0.00	45.01 2.43 0.00	43.50 2.27 0.00	43.20 2.25 0.00	43.70 2.24 0.00	51.04 2.52 0.00	57.60 3.21 0.00	63.66 3.66 0.00	59.23 3.72 0.00	48.39 2.78 0.00	43.66 3.12 0.00	43.21 3.13 0.00
WHITEPLN_13_KV_LOAD 356215	40.26 1.84 0.00	38.89 1.89 0.00	37.21 1.84 0.00	36.38 1.83 0.00	38.11 1.88 0.00	43.55 2.15 0.00	55.18 3.27 0.00	63.27 4.30 0.00	58.14 3.91 0.00	53.80 3.66 0.00	53.69 3.70 0.00	52.56 3.76 0.00	47.69 3.49 0.00	45.90 3.32 0.00	44.40 3.17 0.00	43.90 2.95 0.00	44.49 3.03 0.00	52.01 3.49 0.00	58.14 3.75 0.00	64.14 4.14 0.00	59.29 3.78 0.00	48.71 3.10 0.00	43.06 2.51 0.00	42.33 2.24 0.00
WM_FLOYD_69_KV_BK2 356380	40.99 2.57 0.00	39.85 2.85 0.00	38.13 2.76 0.00	37.35 2.80 0.00	39.20 2.97 0.00	51.79 3.44 -6.96	56.27 4.36 0.00	63.22 4.25 0.00	58.03 3.80 0.00	53.75 3.61 0.00	54.04 4.05 0.00	53.80 4.15 -0.85	51.36 3.80 -3.36	51.29 3.62 -5.09	45.05 3.50 -0.32	44.19 3.24 0.00	51.34 3.40 -6.48	52.16 3.64 0.00	58.36 3.97 0.00	64.98 4.98 0.00	59.73 4.22 0.00	50.64 3.69 -1.34	48.51 3.41 -4.56	43.94 3.33 -0.53
WOODARD___115KV_TB2 355635	37.88 -0.54 0.00	36.49 -0.52 0.00	34.91 -0.46 0.00	34.10 -0.45 0.00	35.79 -0.43 0.00	40.95 -0.46 0.00	51.29 -0.62 0.00	58.20 -0.77 0.00	53.59 -0.65 0.00	49.59 -0.55 0.00	49.39 -0.60 0.00	48.12 -0.68 0.00	43.49 -0.71 0.00	41.86 -0.72 0.00	40.49 -0.74 0.00	40.30 -0.66 0.00	40.80 -0.66 0.00	47.84 -0.68 0.00	53.63 -0.76 0.00	59.22 -0.78 0.00	54.85 -0.67 0.00	45.06 -0.55 0.00	40.14 -0.41 0.00	39.69 -0.40 0.00
YORK___WARBASSE 23770	54.15 2.19 -13.54	53.48 2.22 -14.26	53.51 2.19 -15.95	44.09 2.18 -7.36	38.48 2.25 -0.01	53.54 2.53 -9.61	55.60 3.69 -0.01	63.70 4.72 -0.01	59.21 4.28 -0.69	82.22 4.06 -28.01	62.09 4.00 -8.10	64.01 4.10 -11.11	89.26 3.80 -41.26	69.97 3.66 -23.73	71.51 3.50 -26.78	65.75 3.24 -21.56	73.75 3.32 -28.97	97.58 3.78 -45.27	97.58 4.13 -39.06	97.57 4.56 -33.01	97.57 4.22 -37.84	60.35 3.47 -11.28	55.59 2.80 -12.25	54.96 2.65 -12.23