

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		03/06/2025																										
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	EST	42.64	41.26	38.44	36.19	38.72	42.04	46.54	50.03	46.94	44.10	43.99	42.25	41.45	42.07	41.35	44.11	47.41	56.23	64.45	56.01	53.15	49.06	45.81	44.23			
		2.11	2.04	1.90	1.72	1.81	1.85	2.38	2.88	2.78	2.84	2.76	2.62	2.64	2.64	2.60	3.11	3.23	3.87	4.33	3.71	3.43	3.25	3.08	2.74			
		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	-0.46	0.00	0.00	0.00	-0.01	0.00	0.00			
74TH STREET_GT_1 24260	EST	42.80	41.38	38.51	36.19	38.76	42.20	46.59	50.27	47.33	44.44	44.41	42.60	41.60	42.39	41.55	44.19	47.47	56.28	64.38	56.11	53.35	49.11	45.85	44.44			
		2.27	2.16	1.97	1.72	1.85	2.01	2.43	3.11	3.18	3.18	3.17	2.97	2.79	2.96	2.79	3.20	3.28	3.93	4.27	3.82	3.63	3.30	3.12	2.95			
		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	-0.47	0.00	0.00	0.00	-0.01	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	42.80	41.38	38.51	36.19	38.76	42.20	46.59	50.27	47.33	44.44	44.41	42.60	41.60	42.39	41.55	44.19	47.47	56.28	64.38	56.11	53.35	49.11	45.85	44.44			
		2.27	2.16	1.97	1.72	1.85	2.01	2.43	3.11	3.18	3.18	3.17	2.97	2.79	2.96	2.79	3.20	3.28	3.93	4.27	3.82	3.63	3.30	3.12	2.95			
		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	-0.47	0.00	0.00	0.00	-0.01	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	43.81	42.51	39.50	37.26	40.05	43.61	48.53	51.87	48.35	45.01	44.98	42.96	42.03	42.58	41.97	44.64	52.29	57.38	66.13	57.31	55.08	50.53	46.88	45.27			
		3.28	3.29	2.96	2.79	3.14	3.42	4.37	4.72	4.19	3.75	3.75	3.33	3.22	3.15	3.22	3.65	4.24	5.03	6.01	5.02	5.27	4.72	4.14	3.78			
		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	-4.33	0.00	0.00	0.00	-0.09	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	44.14	42.87	39.79	37.53	40.35	43.93	49.02	52.20	48.57	45.18	45.07	43.16	42.26	42.70	42.05	44.93	52.74	57.90	66.73	57.89	55.62	51.03	47.35	45.65			
		3.61	3.65	3.25	3.07	3.43	3.74	4.86	5.05	4.41	3.92	3.84	3.53	3.45	3.27	3.29	3.94	4.63	5.55	6.61	5.60	5.81	5.22	4.62	4.15			
		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	-4.39	0.00	0.00	0.00	-0.09	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	43.81	42.51	39.50	37.26	40.05	43.61	48.53	51.87	48.35	45.01	44.98	42.96	42.03	42.58	41.97	44.64	52.29	57.38	66.13	57.31	55.08	50.53	46.88	45.27			
		3.28	3.29	2.96	2.79	3.14	3.42	4.37	4.72	4.19	3.75	3.75	3.33	3.22	3.15	3.22	3.65	4.24	5.03	6.01	5.02	5.27	4.72	4.14	3.78			
		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	-4.33	0.00	0.00	0.00	-0.09	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	42.47	41.06	38.25	36.12	38.65	42.04	47.12	50.27	47.16	44.02	43.99	42.21	41.29	41.87	41.35	44.03	50.75	55.23	63.12	55.06	52.47	48.23	45.17	43.78			
		1.95	1.84	1.72	1.65	1.74	1.85	2.96	3.11	3.00	2.76	2.76	2.57	2.49	2.45	2.60	3.03	3.50	2.88	3.00	2.77	2.68	2.43	2.43	2.28			
		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	-3.54	0.00	0.00	0.00	-0.07	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	41.91	40.63	37.85	35.67	38.21	41.56	45.44	48.67	45.56	42.62	42.59	40.86	40.01	40.69	39.96	42.34	47.16	54.45	62.46	54.38	51.80	47.64	44.48	43.24			
		1.38	1.41	1.32	1.21	1.29	1.37	1.28	1.51	1.41	1.36	1.36	1.23	1.20	1.26	1.20	1.35	1.49	2.09	2.34	2.09	2.04	1.83	1.75	1.74			
		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	-1.95	0.00	0.00	0.00	-0.04	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	40.29	39.02	36.39	34.36	36.73	40.07	44.07	47.02	43.98	41.05	41.11	39.59	38.81	39.39	38.68	40.83	43.54	52.04	59.75	51.77	49.22	45.35	42.30	41.07			
		-0.24	-0.20	-0.15	-0.10	-0.18	-0.12	-0.09	-0.14	-0.18	-0.21	-0.12	-0.04	0.00	-0.04	-0.08	-0.16	-0.17	-0.31	-0.36	-0.52	-0.50	-0.46	-0.43	-0.41			
		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	0.01			
ALBANY_1_SOLAR 323833	EST	42.27	41.02	38.18	35.98	38.58	41.92	45.88	48.95	45.65	42.54	42.47	40.74	39.89	40.49	39.84	42.43	46.79	54.76	62.94	54.75	52.18	48.01	44.83	43.49			
		1.74	1.81	1.65	1.51	1.66	1.73	1.72	1.79	1.50	1.28	1.24	1.11	1.09	1.07	1.08	1.43	1.57	2.41	2.83	2.46	2.44	2.20	2.09	1.99			
		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	-1.51	0.00	0.00	0.00	-0.03	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	42.27	40.98	38.14	35.98	38.54	41.92	45.88	48.90	45.65	42.54	42.43	40.70	39.89	40.45	39.84	42.39	46.79	54.76	62.88	54.70	52.18	48.01	44.83	43.49			
		1.74	1.77	1.61	1.51	1.62	1.73	1.72	1.75	1.50	1.28	1.20	1.07	1.09	1.02	1.08	1.39	1.57	2.41	2.77	2.41	2.44	2.20	2.09	1.99			
		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	-1.51	0.00	0.00	0.00	-0.03	0.00	0.00	0.00			
ALBANY___1 23571	EST	41.91	40.63	37.85	35.67	38.21	41.56	45.44	48.67	45.56	42.62	42.59	40.86	40.01	40.69	39.96	42.34	47.16	54.45	62.46	54.38	51.80	47.64	44.48	43.24			
		1.38	1.41	1.32	1.21	1.29	1.37	1.28	1.51	1.41	1.36	1.36	1.23	1.20	1.26	1.20	1.35	1.49	2.09	2.34	2.09	2.04	1.83	1.75	1.74			
		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	-1.95	0.00	0.00	0.00	-0.04	0.00	0.00	0.00			

ALBANY___2 23572	41.91 1.38 0.00	40.63 1.41 0.00	37.85 1.32 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.44 1.28 0.00	48.67 1.51 0.00	45.56 1.41 0.00	42.62 1.36 0.00	42.59 1.36 0.00	40.86 1.23 0.00	40.01 1.20 0.00	40.69 1.26 0.00	39.96 1.20 0.00	42.34 1.35 0.00	47.16 1.49 -1.95	54.45 2.09 0.00	62.46 2.34 0.00	54.38 2.09 0.00	51.80 2.04 -0.04	47.64 1.83 0.00	44.48 1.75 0.00	43.24 1.74 0.00
ALBANY___3 23573	41.91 1.38 0.00	40.63 1.41 0.00	37.85 1.32 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.44 1.28 0.00	48.67 1.51 0.00	45.56 1.41 0.00	42.62 1.36 0.00	42.59 1.36 0.00	40.86 1.23 0.00	40.01 1.20 0.00	40.69 1.26 0.00	39.96 1.20 0.00	42.34 1.35 0.00	47.16 1.49 -1.95	54.45 2.09 0.00	62.46 2.34 0.00	54.38 2.09 0.00	51.80 2.04 -0.04	47.64 1.83 0.00	44.48 1.75 0.00	43.24 1.74 0.00
ALBANY___4 23574	41.91 1.38 0.00	40.63 1.41 0.00	37.85 1.32 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.44 1.28 0.00	48.67 1.51 0.00	45.56 1.41 0.00	42.62 1.36 0.00	42.59 1.36 0.00	40.86 1.23 0.00	40.01 1.20 0.00	40.69 1.26 0.00	39.96 1.20 0.00	42.34 1.35 0.00	47.16 1.49 -1.95	54.45 2.09 0.00	62.46 2.34 0.00	54.38 2.09 0.00	51.80 2.04 -0.04	47.64 1.83 0.00	44.48 1.75 0.00	43.24 1.74 0.00
ALBANY___LFGE 323615	42.43 1.91 0.00	41.10 1.88 0.00	38.25 1.72 0.00	36.09 1.62 0.00	38.65 1.74 0.00	42.04 1.85 0.00	46.06 1.90 0.00	49.18 2.03 0.00	45.96 1.81 0.00	42.99 1.73 0.00	43.00 1.77 0.00	41.30 1.66 0.00	40.47 1.67 0.00	41.05 1.62 0.00	40.42 1.67 0.00	42.96 1.97 0.00	49.34 2.18 -3.44	55.33 2.98 0.00	63.42 3.30 0.00	55.11 2.82 0.00	52.62 2.83 -0.07	48.33 2.52 0.00	45.12 2.39 0.00	43.69 2.20 0.00
ALCOA_PA_115KV_PL-6C 55860	40.41 -0.12 0.00	39.10 -0.12 0.00	36.46 -0.07 0.00	34.47 0.00 0.00	36.84 -0.07 0.00	40.19 0.00 0.00	44.16 0.00 0.00	47.11 -0.05 0.00	44.06 -0.09 0.00	41.18 -0.08 0.00	41.19 -0.04 0.00	39.71 0.08 0.00	38.92 0.12 0.00	39.47 0.04 0.00	38.80 0.04 0.00	40.91 -0.08 0.00	43.63 -0.09 0.00	52.14 -0.21 0.00	59.93 -0.18 0.00	51.87 -0.42 0.00	49.32 -0.40 0.00	45.44 -0.37 0.00	42.43 -0.30 0.00	41.20 -0.29 0.01
ALCOA_RYNLDS___DRP 24188	40.41 -0.12 0.00	39.10 -0.12 0.00	36.46 -0.07 0.00	34.47 0.00 0.00	36.84 -0.07 0.00	40.19 0.00 0.00	44.16 0.00 0.00	47.11 -0.05 0.00	44.06 -0.09 0.00	41.18 -0.08 0.00	41.19 -0.04 0.00	39.71 0.08 0.00	38.92 0.12 0.00	39.47 0.04 0.00	38.80 0.04 0.00	40.91 -0.08 0.00	43.63 -0.09 0.00	52.14 -0.21 0.00	59.93 -0.18 0.00	51.87 -0.42 0.00	49.32 -0.40 0.00	45.44 -0.37 0.00	42.43 -0.30 0.00	41.20 -0.29 0.01
ALCOA___DSASP 323711	40.41 -0.12 0.00	39.10 -0.12 0.00	36.46 -0.07 0.00	34.47 0.00 0.00	36.84 -0.07 0.00	40.19 0.00 0.00	44.16 0.00 0.00	47.11 -0.05 0.00	44.06 -0.09 0.00	41.13 -0.12 0.00	41.19 -0.04 0.00	39.67 0.04 0.00	38.92 0.12 0.00	39.47 0.04 0.00	38.72 -0.04 0.00	40.91 -0.08 0.00	43.63 -0.09 0.00	52.14 -0.21 0.00	59.93 -0.18 0.00	51.87 -0.42 0.00	49.32 -0.40 0.00	45.44 -0.37 0.00	42.43 -0.30 0.00	41.16 -0.33 0.01
ALLEGHENY___COGEN 23514	40.73 0.20 0.00	38.98 -0.23 0.00	36.14 -0.40 0.00	34.15 -0.31 0.00	36.88 -0.04 0.00	40.55 0.36 0.00	44.87 0.70 0.00	47.16 0.00 0.00	43.36 -0.79 0.00	39.86 -1.40 0.00	39.58 -1.65 0.00	37.69 -1.94 0.00	36.63 -2.17 0.00	37.67 -1.89 -0.13	37.05 -1.70 0.00	39.11 -1.88 0.00	41.99 -1.83 -0.11	50.81 -1.68 -0.13	58.81 -1.44 -0.13	52.50 0.00 -0.20	50.10 0.25 -0.14	45.85 0.05 0.00	42.52 -0.21 0.00	41.79 0.29 0.00
ALTAMONT_115KV_TB 2 55880	41.70 1.18 0.00	40.39 1.18 0.00	37.63 1.10 0.00	35.46 1.00 0.00	37.98 1.07 0.00	41.32 1.13 0.00	45.27 1.10 0.00	48.48 1.32 0.00	45.39 1.24 0.00	42.41 1.16 0.00	42.39 1.15 0.00	40.66 1.03 0.00	39.81 1.01 0.00	40.49 1.06 0.00	39.76 1.01 0.00	42.14 1.15 0.00	46.69 1.27 -1.71	54.13 1.78 0.00	62.10 1.98 0.00	54.07 1.78 0.00	51.49 1.74 -0.04	47.37 1.56 0.00	44.23 1.50 0.00	42.95 1.45 0.00
ALTONA_WT_PWR 323606	38.95 -1.58 0.00	37.92 -1.29 0.00	35.66 -0.88 0.00	34.02 -0.45 0.00	36.58 -0.33 0.00	40.11 -0.08 0.00	44.07 -0.09 0.00	46.78 -0.38 0.00	43.53 -0.62 0.00	40.64 -0.62 0.00	40.82 -0.41 0.00	39.47 -0.16 0.00	38.81 0.00 0.00	39.35 -0.08 0.00	38.49 -0.27 0.00	40.50 -0.49 0.00	43.06 -0.65 0.00	51.04 -1.31 0.00	58.31 -1.80 0.00	49.84 -2.46 0.00	46.98 -2.73 0.00	43.06 -2.75 0.00	40.08 -2.65 0.00	38.75 -2.74 0.01
AMERICAN_REF_FUEL 24010	38.02 -2.51 0.00	36.36 -2.86 0.00	33.72 -2.81 0.00	31.88 -2.59 0.00	34.37 -2.55 0.00	37.66 -2.53 0.00	41.42 -2.74 0.00	43.29 -3.87 0.00	40.49 -3.66 0.00	37.92 -3.34 0.00	37.97 -3.26 0.00	36.42 -3.21 0.00	35.27 -3.53 0.00	36.13 -3.27 0.03	35.62 -3.14 0.00	37.34 -3.65 0.00	39.65 -4.06 0.00	46.83 -5.50 0.03	53.65 -6.43 0.03	47.18 -5.07 0.05	45.26 -4.42 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	39.13 -2.36 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.11 -1.42 0.00	37.34 -1.88 0.00	34.56 -1.97 0.00	32.67 -1.79 0.00	35.22 -1.70 0.00	38.70 -1.49 0.00	42.75 -1.41 0.00	44.66 -2.50 0.00	41.64 -2.51 0.00	38.86 -2.39 0.00	38.80 -2.43 0.00	37.21 -2.42 0.00	36.05 -2.75 0.00	36.89 -2.52 0.02	36.28 -2.48 0.00	38.12 -2.87 0.00	40.63 -3.19 -0.10	47.99 -4.34 0.02	54.45 -5.65 0.02	47.62 -4.65 0.02	46.42 -3.28 0.02	43.15 -2.66 0.00	40.17 -2.56 0.00	40.13 -1.37 0.00
ARTHUR KILL_GT_1 23520	59.37 2.47 -16.37	58.56 2.39 -16.95	38.88 2.23 -0.11	36.47 2.00 -0.01	38.99 2.07 -0.01	58.60 2.25 -16.16	59.38 4.37 -10.85	62.08 2.97 -11.95	62.03 2.83 -15.05	62.06 2.93 -17.87	60.59 2.84 -16.52	60.59 2.66 -18.30	60.62 2.68 -19.14	62.02 2.68 -19.91	60.59 2.64 -19.20	63.28 3.16 -19.13	63.66 3.28 -16.66	64.72 3.82 -8.55	69.99 4.27 -5.61	64.77 3.77 -8.71	64.71 3.48 -11.51	64.54 3.34 -15.39	63.90 3.21 -17.96	62.11 2.99 -17.62
ARTHUR_KILL_2 23512	59.25 2.35 -16.37	58.48 2.31 -16.95	38.77 2.12 -0.11	36.37 1.89 -0.01	38.91 1.99 -0.01	58.48 2.13 -16.16	59.25 4.24 -10.85	61.94 2.83 -11.95	61.94 2.74 -15.05	61.94 2.81 -17.87	60.51 2.76 -16.52	60.51 2.57 -18.30	60.51 2.56 -19.14	61.94 2.60 -19.91	60.51 2.56 -19.20	63.20 3.08 -19.13	63.53 3.15 -16.66	64.56 3.66 -8.55	69.81 4.09 -5.61	64.56 3.56 -8.71	64.51 3.28 -11.51	64.40 3.21 -15.39	63.77 3.08 -17.96	61.94 2.82 -17.62
ARTHUR_KILL_3 23513	58.67 1.78 -16.36	57.84 1.69 -16.94	38.21 1.57 -0.10	35.81 1.34 0.00	38.32 1.40 0.00	57.87 1.53 -16.15	56.72 1.72 -10.84	61.46 2.36 -11.95	61.50 2.29 -15.06	61.57 2.43 -17.88	60.09 2.35 -16.51	60.15 2.22 -18.30	60.19 2.25 -19.14	61.58 2.25 -19.90	60.15 2.21 -19.19	62.82 2.70 -19.12	63.14 2.76 -16.67	64.14 3.25 -8.54	69.33 3.61 -5.61	64.18 3.19 -8.70	64.15 2.93 -11.51	63.98 2.79 -15.38	63.38 2.69 -17.95	61.47 2.36 -17.61

ARTHUR_KILL_COGEN 323718	59.37 2.47 -16.37	58.56 2.39 -16.95	38.88 2.23 -0.11	36.47 2.00 -0.01	38.99 2.07 -0.01	58.60 2.25 -16.16	59.38 4.37 -10.85	62.08 2.97 -11.95	62.03 2.83 -15.05	62.06 2.93 -17.87	60.59 2.84 -16.52	60.59 2.66 -18.30	60.62 2.68 -19.14	62.02 2.68 -19.91	60.59 2.64 -19.20	63.28 3.16 -19.13	63.66 3.28 -16.66	64.72 3.82 -8.55	69.99 4.27 -5.61	64.77 3.77 -8.71	64.71 3.48 -11.51	64.54 3.34 -15.39	63.90 3.21 -17.96	62.11 2.99 -17.62
ASHOKAN____ 23654	42.84 2.31 0.00	41.45 2.23 0.00	38.62 2.08 0.00	36.29 1.83 0.00	38.91 1.99 0.00	42.20 2.01 0.00	46.68 2.52 0.00	49.65 2.50 0.00	46.14 1.99 0.00	42.79 1.53 0.00	42.63 1.40 0.00	40.90 1.27 0.00	40.13 1.32 0.00	40.73 1.30 0.00	40.08 1.32 0.00	42.75 1.76 0.00	45.12 0.26 -1.14	55.49 3.14 0.00	63.84 3.73 0.00	55.69 3.40 0.00	52.77 3.03 -0.02	48.74 2.93 0.00	45.47 2.74 0.00	44.03 2.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.44 1.91 -0.01	41.11 1.88 -0.01	38.33 1.79 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.89 1.69 -0.01	46.46 2.29 0.00	49.61 2.45 0.00	46.44 2.29 0.01	43.70 2.43 -0.01	43.63 2.39 -0.01	41.86 2.22 -0.01	41.06 2.25 -0.01	41.68 2.25 -0.01	40.97 2.21 -0.01	43.71 2.70 -0.01	47.02 2.84 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.80 3.50 0.00	52.91 3.18 -0.01	48.88 3.07 0.00	45.60 2.86 -0.01	43.91 2.41 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.44 1.91 -0.01	41.11 1.88 -0.01	38.33 1.79 -0.01	36.13 1.65 -0.01	38.69 1.77 -0.01	41.89 1.69 -0.01	46.46 2.29 0.00	49.61 2.45 0.00	46.44 2.29 0.01	43.70 2.43 -0.01	43.63 2.39 -0.01	41.86 2.22 -0.01	41.06 2.25 -0.01	41.68 2.25 -0.01	40.97 2.21 -0.01	43.71 2.70 -0.01	47.02 2.84 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.80 3.50 0.00	52.91 3.18 -0.01	48.88 3.07 0.00	45.60 2.86 -0.01	43.91 2.41 -0.01
ASTORIA_GT2_1 24094	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT2_2 24095	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT2_3 24096	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT2_4 24097	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT3_1 24098	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT3_2 24099	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT3_3 24100	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT3_4 24101	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT4_1 24102	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT4_2 24103	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT4_3 24104	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01

ASTORIA_GT4_4 24105	42.52 1.99 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.97 1.77 -0.01	46.15 1.99 0.00	49.84 2.69 0.00	46.85 2.69 0.00	44.03 2.76 -0.01	44.04 2.80 -0.01	42.26 2.62 -0.01	41.26 2.44 -0.01	42.04 2.60 -0.01	41.25 2.48 -0.01	43.79 2.79 -0.01	47.04 2.84 -0.48	55.91 3.56 0.00	63.84 3.73 0.00	55.80 3.50 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.56 2.82 -0.01	44.08 2.57 -0.01
ASTORIA_GT_1 23523	42.52 1.99 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.20 1.72 -0.01	38.77 1.84 -0.01	41.96 1.77 -0.01	46.54 2.38 0.00	49.75 2.59 0.00	46.57 2.43 0.01	43.83 2.56 -0.01	43.76 2.52 -0.01	41.94 2.30 -0.01	41.14 2.33 -0.01	41.80 2.37 -0.01	41.09 2.33 -0.01	43.79 2.79 -0.01	47.15 2.97 -0.46	55.96 3.61 0.00	64.20 4.09 0.00	55.90 3.61 0.00	53.00 3.28 -0.01	48.97 3.16 0.00	45.69 2.95 -0.01	44.04 2.53 -0.01
ASTORIA_GT_10 24110	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.50 2.34 0.00	50.17 3.02 0.00	47.24 3.09 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.28 2.72 -0.75	43.55 2.88 -1.24	42.35 2.75 -0.85	45.69 3.12 -1.58	47.39 3.19 -0.48	56.12 3.77 0.00	64.14 4.03 0.00	56.01 3.71 0.00	53.20 3.48 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
ASTORIA_GT_11 24225	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.50 2.34 0.00	50.17 3.02 0.00	47.24 3.09 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.28 2.72 -0.75	43.55 2.88 -1.24	42.35 2.75 -0.85	45.69 3.12 -1.58	47.39 3.19 -0.48	56.12 3.77 0.00	64.14 4.03 0.00	56.01 3.71 0.00	53.20 3.48 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
ASTORIA_GT_12 24226	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.50 2.34 0.00	50.17 3.02 0.00	47.24 3.09 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.28 2.72 -0.75	43.55 2.88 -1.24	42.35 2.75 -0.85	45.69 3.12 -1.58	47.39 3.19 -0.48	56.12 3.77 0.00	64.14 4.03 0.00	56.01 3.71 0.00	53.20 3.48 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
ASTORIA_GT_13 24227	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.50 2.34 0.00	50.17 3.02 0.00	47.24 3.09 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.28 2.72 -0.75	43.55 2.88 -1.24	42.35 2.75 -0.85	45.69 3.12 -1.58	47.39 3.19 -0.48	56.12 3.77 0.00	64.14 4.03 0.00	56.01 3.71 0.00	53.20 3.48 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
ASTORIA_GT_5 24106	42.56 2.03 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.20 1.72 -0.01	38.77 1.85 -0.01	42.05 1.85 -0.01	46.24 2.08 0.00	49.94 2.78 0.00	46.93 2.78 0.00	44.11 2.85 -0.01	44.13 2.89 -0.01	42.34 2.69 -0.01	41.34 2.52 -0.01	42.12 2.68 -0.01	41.28 2.52 -0.01	43.87 2.87 -0.01	47.13 2.93 -0.48	56.02 3.66 0.00	63.96 3.85 0.00	55.90 3.61 0.00	53.06 3.33 -0.01	48.97 3.16 0.00	45.65 2.91 -0.01	44.16 2.66 -0.01
ASTORIA_GT_7 24107	42.56 2.03 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.20 1.72 -0.01	38.77 1.85 -0.01	42.05 1.85 -0.01	46.24 2.08 0.00	49.94 2.78 0.00	46.93 2.78 0.00	44.11 2.85 -0.01	44.13 2.89 -0.01	42.34 2.69 -0.01	41.34 2.52 -0.01	42.12 2.68 -0.01	41.28 2.52 -0.01	43.87 2.87 -0.01	47.13 2.93 -0.48	56.02 3.66 0.00	63.96 3.85 0.00	55.90 3.61 0.00	53.06 3.33 -0.01	48.97 3.16 0.00	45.65 2.91 -0.01	44.16 2.66 -0.01
ASTORIA_GT_8 24108	42.56 2.03 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.20 1.72 -0.01	38.77 1.85 -0.01	42.05 1.85 -0.01	46.24 2.08 0.00	49.94 2.78 0.00	46.93 2.78 0.00	44.11 2.85 -0.01	44.13 2.89 -0.01	42.34 2.69 -0.01	41.34 2.52 -0.01	42.12 2.68 -0.01	41.28 2.52 -0.01	43.87 2.87 -0.01	47.13 2.93 -0.48	56.02 3.66 0.00	63.96 3.85 0.00	55.90 3.61 0.00	53.06 3.33 -0.01	48.97 3.16 0.00	45.65 2.91 -0.01	44.16 2.66 -0.01
ASTORIA___2 24149	42.44 1.91 -0.01	41.11 1.88 -0.01	38.37 1.83 -0.01	36.13 1.65 -0.01	38.73 1.81 -0.01	41.93 1.73 -0.01	46.46 2.29 0.00	49.65 2.50 0.00	46.48 2.34 0.01	43.74 2.48 -0.01	43.67 2.43 -0.01	41.90 2.26 -0.01	41.06 2.25 -0.01	41.72 2.29 -0.01	41.01 2.25 -0.01	43.71 2.70 -0.01	47.06 2.88 -0.46	55.86 3.51 0.00	64.08 3.97 0.00	55.80 3.50 0.00	52.91 3.18 -0.01	48.88 3.07 0.00	45.65 2.91 -0.01	43.95 2.45 -0.01
ASTORIA___3 23516	42.77 2.23 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.80 1.88 -0.01	42.17 1.97 -0.01	46.81 2.65 0.00	49.99 2.83 0.00	46.89 2.74 0.00	44.75 2.84 -0.65	44.61 2.76 -0.62	42.93 2.62 -0.68	42.16 2.60 -0.75	43.31 2.64 -1.24	42.16 2.56 -0.85	45.69 3.11 -1.58	47.37 3.19 -0.46	56.12 3.77 0.00	64.32 4.21 0.00	56.01 3.71 0.00	53.15 3.43 -0.01	49.11 3.30 0.00	45.86 3.12 -0.01	44.33 2.82 -0.01
ASTORIA___4 23517	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.50 2.34 0.00	50.17 3.02 0.00	47.24 3.09 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.28 2.72 -0.75	43.55 2.88 -1.24	42.35 2.75 -0.85	45.69 3.12 -1.58	47.39 3.19 -0.48	56.12 3.77 0.00	64.14 4.03 0.00	56.01 3.71 0.00	53.20 3.48 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
ASTORIA___5 23518	42.77 2.23 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.80 1.88 -0.01	42.17 1.97 -0.01	46.81 2.65 0.00	49.99 2.83 0.00	46.89 2.74 0.00	44.75 2.84 -0.65	44.61 2.76 -0.62	42.93 2.62 -0.68	42.16 2.60 -0.75	43.31 2.64 -1.24	42.16 2.56 -0.85	45.69 3.11 -1.58	47.37 3.19 -0.46	56.12 3.77 0.00	64.32 4.21 0.00	56.01 3.71 0.00	53.15 3.43 -0.01	49.11 3.30 0.00	45.86 3.12 -0.01	44.33 2.82 -0.01
AST_ENERGY_2_CC3 323677	42.56 2.03 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.24 2.08 0.00	49.65 2.50 0.00	46.62 2.47 0.00	43.82 2.56 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.06 2.88 -0.46	55.75 3.40 0.00	63.97 3.85 0.00	55.64 3.35 0.00	52.81 3.08 -0.01	48.74 2.93 0.00	45.68 2.95 0.00	44.15 2.66 0.00
AST_ENERGY_2_CC4 323678	42.56 2.03 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.24 2.08 0.00	49.65 2.50 0.00	46.62 2.47 0.00	43.82 2.56 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.06 2.88 -0.46	55.75 3.40 0.00	63.97 3.85 0.00	55.64 3.35 0.00	52.81 3.08 -0.01	48.74 2.93 0.00	45.68 2.95 0.00	44.15 2.66 0.00

ATHENS_STG_1 23668	41.74	40.47	37.71	35.53	38.02	41.36	45.40	48.53	45.48	42.58	42.51	40.82	40.01	40.61	39.96	42.47	45.67	54.29	62.28	54.17	51.51	47.50	44.36	42.95
	1.21	1.25	1.17	1.07	1.11	1.17	1.23	1.37	1.32	1.32	1.28	1.19	1.20	1.18	1.20	1.47	1.62	1.94	2.16	1.88	1.79	1.70	1.62	1.45
	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	-0.33	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ATHENS_STG_2 23670	41.74	40.47	37.71	35.53	38.02	41.36	45.40	48.53	45.48	42.58	42.51	40.82	40.01	40.61	39.96	42.47	45.67	54.29	62.28	54.17	51.51	47.50	44.36	42.95
	1.21	1.25	1.17	1.07	1.11	1.17	1.23	1.37	1.32	1.32	1.28	1.19	1.20	1.18	1.20	1.47	1.62	1.94	2.16	1.88	1.79	1.70	1.62	1.45
	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	-0.33	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ATHENS_STG_3 23677	41.74	40.47	37.71	35.53	38.02	41.36	45.40	48.53	45.48	42.58	42.51	40.82	40.01	40.61	39.96	42.47	45.67	54.29	62.28	54.17	51.51	47.50	44.36	42.95
	1.21	1.25	1.17	1.07	1.11	1.17	1.23	1.37	1.32	1.32	1.28	1.19	1.20	1.18	1.20	1.47	1.62	1.94	2.16	1.88	1.79	1.70	1.62	1.45
	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	-0.33	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
AUBURN___LFGE 323710	40.29	38.83	36.10	34.05	36.62	39.95	44.03	46.92	43.89	40.80	40.74	39.20	38.42	39.07	38.45	40.62	43.32	51.83	59.63	52.03	49.52	45.62	42.35	41.12
	-0.24	-0.39	-0.44	-0.41	-0.30	-0.24	-0.13	-0.24	-0.26	-0.45	-0.49	-0.44	-0.39	-0.35	-0.31	-0.37	-0.39	-0.52	-0.48	-0.26	-0.20	-0.18	-0.38	-0.37
	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
BABYLON_RES_REC 323704	42.96	41.77	38.91	36.50	39.17	42.28	47.25	50.51	47.24	44.39	44.20	42.36	41.52	42.07	41.16	44.03	47.28	56.38	65.10	56.58	55.88	49.57	46.11	44.49
	2.43	2.55	2.37	2.03	2.25	2.09	3.09	3.35	3.09	3.13	2.97	2.73	2.72	2.64	2.40	3.03	3.10	4.03	4.99	4.29	4.28	3.76	3.38	2.99
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BABYLON__69_KV_BK2 356345	43.45	42.20	39.35	36.88	39.61	42.76	47.65	51.31	48.08	45.14	45.11	43.16	42.03	42.82	41.74	44.44	47.77	57.06	65.89	57.31	56.62	50.11	46.54	45.06
	2.92	2.98	2.81	2.41	2.69	2.57	3.49	4.15	3.93	3.88	3.88	3.53	3.22	3.39	2.98	3.44	3.58	4.71	5.77	5.02	5.02	4.31	3.80	3.57
	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	-0.47	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BALL_HILL_WT_PWR 323825	39.48	37.73	35.00	33.12	35.66	39.15	43.23	45.18	42.21	39.40	39.42	37.81	36.63	37.52	36.90	38.82	41.27	48.82	55.40	48.39	47.11	43.75	40.72	40.62
	-1.05	-1.49	-1.53	-1.34	-1.26	-1.05	-0.93	-1.98	-1.94	-1.86	-1.81	-1.82	-2.17	-1.89	-1.86	-2.17	-2.45	-3.51	-4.69	-3.87	-2.59	-2.06	-2.01	-0.87
	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	0.02	0.00	0.00	0.00	0.02	0.02	0.03	0.02	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	39.52	37.92	35.22	33.23	35.77	39.23	43.32	45.65	42.34	39.28	39.13	37.45	36.44	36.91	36.59	38.61	41.40	49.00	56.02	48.74	47.07	43.79	40.72	40.17
	-1.01	-1.29	-1.31	-1.24	-1.14	-0.96	-0.84	-1.51	-1.81	-1.98	-2.10	-2.18	-2.37	-2.21	-2.17	-2.38	-2.45	-3.04	-3.79	-3.09	-2.34	-2.01	-2.01	-1.33
	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	0.31	0.00	0.00	-0.13	0.31	0.31	0.47	0.31	0.00	0.00	0.00
BARRETT_IC_1 23704	42.64	41.37	38.55	36.19	38.80	42.00	46.72	50.08	46.85	44.02	43.87	42.05	41.21	41.79	40.97	43.74	47.06	55.91	64.26	56.01	55.23	49.15	45.72	44.15
	2.11	2.16	2.01	1.72	1.88	1.81	2.56	2.92	2.69	2.76	2.64	2.42	2.41	2.37	2.21	2.75	2.88	3.56	4.14	3.71	3.63	3.34	2.99	2.66
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BARRETT_IC_10 23701	42.64	41.37	38.55	36.19	38.80	42.00	46.72	50.08	46.85	44.02	43.87	42.05	41.21	41.79	40.97	43.74	47.06	55.91	64.26	56.01	55.23	49.15	45.72	44.15
	2.11	2.16	2.01	1.72	1.88	1.81	2.56	2.92	2.69	2.76	2.64	2.42	2.41	2.37	2.21	2.75	2.88	3.56	4.14	3.71	3.63	3.34	2.99	2.66
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BARRETT_IC_11 23702	42.64	41.37	38.55	36.19	38.80	42.00	46.72	50.08	46.85	44.02	43.87	42.05	41.21	41.79	40.97	43.74	47.06	55.91	64.26	56.01	55.23	49.15	45.72	44.15
	2.11	2.16	2.01	1.72	1.88	1.81	2.56	2.92	2.69	2.76	2.64	2.42	2.41	2.37	2.21	2.75	2.88	3.56	4.14	3.71	3.63	3.34	2.99	2.66
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BARRETT_IC_12 23703	42.64	41.37	38.55	36.19	38.80	42.00	46.72	50.08	46.85	44.02	43.87	42.05	41.21	41.79	40.97	43.74	47.06	55.91	64.26	56.01	55.23	49.15	45.72	44.15
	2.11	2.16	2.01	1.72	1.88	1.81	2.56	2.92	2.69	2.76	2.64	2.42	2.41	2.37	2.21	2.75	2.88	3.56	4.14	3.71	3.63	3.34	2.99	2.66
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BARRETT_IC_2 23705	42.64	41.37	38.55	36.19	38.80	42.00	46.72	50.08	46.85	44.02	43.87	42.05	41.21	41.79	40.97	43.74	47.06	55.91	64.26	56.01	55.23	49.15	45.72	44.15
	2.11	2.16	2.01	1.72	1.88	1.81	2.56	2.92	2.69	2.76	2.64	2.42	2.41	2.37	2.21	2.75	2.88	3.56	4.14	3.71	3.63	3.34	2.99	2.66
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BARRETT_IC_3 23706	42.64	41.37	38.55	36.19	38.80	42.00	46.72	50.08	46.85	44.02	43.87	42.05	41.21	41.79	40.97	43.74	47.06	55.91	64.26	56.01	55.23	49.15	45.72	44.15
	2.11	2.16	2.01	1.72	1.88	1.81	2.56	2.92	2.69	2.76	2.64	2.42	2.41	2.37	2.21	2.75	2.88	3.56	4.14	3.71	3.63	3.34	2.99	2.66
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00
BARRETT_IC_4 23707	42.64	41.37	38.55	36.19	38.80	42.00	46.72	50.08	46.85	44.02	43.87	42.05	41.21	41.79	40.97	43.74	47.06	55.91	64.26	56.01	55.23	49.15	45.72	44.15
	2.11	2.16	2.01	1.72	1.88	1.81	2.56	2.92	2.69	2.76	2.64	2.42	2.41	2.37	2.21	2.75	2.88	3.56	4.14	3.71	3.63	3.34	2.99	2.66
	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	-0.46	0.00	0.00	0.00	-1.89	0.00	0.00	0.00

BARRETT_IC_5 23708	42.64 2.11 0.00	41.37 2.16 0.00	38.55 2.01 0.00	36.19 1.72 0.00	38.80 1.88 0.00	42.00 1.81 0.00	46.72 2.56 0.00	50.08 2.92 0.00	46.85 2.69 0.00	44.02 2.76 0.00	43.87 2.64 0.00	42.05 2.42 0.00	41.21 2.41 0.00	41.79 2.37 0.00	40.97 2.21 0.00	43.74 2.75 0.00	47.06 2.88 -0.46	55.91 3.56 0.00	64.26 4.14 0.00	56.01 3.71 0.00	55.23 3.63 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.15 2.66 0.00
BARRETT_IC_6 23709	42.64 2.11 0.00	41.37 2.16 0.00	38.55 2.01 0.00	36.19 1.72 0.00	38.80 1.88 0.00	42.00 1.81 0.00	46.72 2.56 0.00	50.08 2.92 0.00	46.85 2.69 0.00	44.02 2.76 0.00	43.87 2.64 0.00	42.05 2.42 0.00	41.21 2.41 0.00	41.79 2.37 0.00	40.97 2.21 0.00	43.74 2.75 0.00	47.06 2.88 -0.46	55.91 3.56 0.00	64.26 4.14 0.00	56.01 3.71 0.00	55.23 3.63 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.15 2.66 0.00
BARRETT_IC_7 23710	42.68 2.15 0.00	41.38 2.16 0.00	38.55 2.01 0.00	36.19 1.72 0.00	38.80 1.88 0.00	42.04 1.85 0.00	46.68 2.52 0.00	50.27 3.11 0.00	47.20 3.05 0.00	44.31 3.05 0.00	44.28 3.05 0.00	42.41 2.77 0.00	41.33 2.52 0.00	42.11 2.68 0.00	41.12 2.36 0.00	43.74 2.75 0.00	47.07 2.89 -0.47	55.91 3.56 0.00	64.14 4.03 0.00	56.01 3.71 0.00	55.28 3.68 -1.89	49.11 3.30 0.00	45.68 2.95 0.00	44.28 2.78 0.00
BARRETT_IC_8 23711	42.64 2.11 0.00	41.37 2.16 0.00	38.55 2.01 0.00	36.19 1.72 0.00	38.80 1.88 0.00	42.00 1.81 0.00	46.72 2.56 0.00	50.08 2.92 0.00	46.85 2.69 0.00	44.02 2.76 0.00	43.87 2.64 0.00	42.05 2.42 0.00	41.21 2.41 0.00	41.79 2.37 0.00	40.97 2.21 0.00	43.74 2.75 0.00	47.06 2.88 -0.46	55.91 3.56 0.00	64.26 4.14 0.00	56.01 3.71 0.00	55.23 3.63 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.15 2.66 0.00
BARRETT_IC_9 23700	42.64 2.11 0.00	41.37 2.16 0.00	38.55 2.01 0.00	36.19 1.72 0.00	38.80 1.88 0.00	42.00 1.81 0.00	46.72 2.56 0.00	50.08 2.92 0.00	46.85 2.69 0.00	44.02 2.76 0.00	43.87 2.64 0.00	42.05 2.42 0.00	41.21 2.41 0.00	41.79 2.37 0.00	40.97 2.21 0.00	43.74 2.75 0.00	47.06 2.88 -0.46	55.91 3.56 0.00	64.26 4.14 0.00	56.01 3.71 0.00	55.23 3.63 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.15 2.66 0.00
BARRETT___1 23545	42.64 2.11 0.00	41.37 2.16 0.00	38.55 2.01 0.00	36.19 1.72 0.00	38.80 1.88 0.00	42.00 1.81 0.00	46.72 2.56 0.00	50.08 2.92 0.00	46.85 2.69 0.00	44.02 2.76 0.00	43.87 2.64 0.00	42.05 2.42 0.00	41.21 2.41 0.00	41.79 2.37 0.00	40.97 2.21 0.00	43.74 2.75 0.00	47.06 2.88 -0.46	55.91 3.56 0.00	64.26 4.14 0.00	56.01 3.71 0.00	55.23 3.63 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.15 2.66 0.00
BARRETT___2 23546	42.64 2.11 0.00	41.37 2.16 0.00	38.55 2.01 0.00	36.19 1.72 0.00	38.80 1.88 0.00	42.00 1.81 0.00	46.72 2.56 0.00	50.08 2.92 0.00	46.85 2.69 0.00	44.02 2.76 0.00	43.87 2.64 0.00	42.05 2.42 0.00	41.21 2.41 0.00	41.79 2.37 0.00	40.97 2.21 0.00	43.74 2.75 0.00	47.06 2.88 -0.46	55.91 3.56 0.00	64.26 4.14 0.00	56.01 3.71 0.00	55.23 3.63 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.15 2.66 0.00
BATAVIA__115KV_TB1 55881	39.80 -0.73 0.00	38.04 -1.18 0.00	35.26 -1.28 0.00	33.36 -1.10 0.00	36.03 -0.89 0.00	39.47 -0.72 0.00	43.90 -0.26 0.00	46.31 -0.85 0.00	43.14 -1.02 0.00	39.65 -1.61 0.00	39.66 -1.57 0.00	38.13 -1.51 0.00	37.56 -1.24 0.00	37.91 -1.50 0.02	37.36 -1.40 0.00	39.39 -1.60 0.00	42.01 -1.70 0.00	49.81 -2.51 0.02	57.69 -2.40 0.02	50.58 -1.67 0.04	47.90 -1.79 0.02	44.48 -1.33 0.00	41.41 -1.32 0.00	40.42 -1.08 0.00
BAYONEEC___CTG1 323682	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG10 323750	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG2 323683	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG3 323684	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG4 323685	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG5 323686	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG6 323687	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00

BAYONEEC___CTG7 323688	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG8 323689	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BAYONEEC___CTG9 323749	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.24 2.08 0.00	49.70 2.54 0.00	46.62 2.47 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.81 3.45 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.86 3.13 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
BEACON___LESR 323632	42.39 1.87 0.00	41.10 1.88 0.00	38.25 1.72 0.00	36.05 1.59 0.00	38.65 1.74 0.00	42.04 1.85 0.00	46.10 1.94 0.00	49.18 2.03 0.00	46.01 1.85 0.00	42.95 1.69 0.00	42.96 1.73 0.00	41.22 1.59 0.00	40.40 1.59 0.00	41.01 1.58 0.00	40.31 1.55 0.00	42.92 1.93 0.00	47.71 2.10 -1.90	55.23 2.88 0.00	63.42 3.30 0.00	55.11 2.82 0.00	52.59 2.83 -0.04	48.33 2.52 0.00	45.08 2.35 0.00	43.65 2.16 0.00
BEAVER RIVER___HYD 24048	42.27 1.74 0.00	40.75 1.53 0.00	37.96 1.42 0.00	35.60 1.14 0.00	37.80 0.88 0.00	41.28 1.09 0.00	45.44 1.28 0.00	48.99 1.84 0.00	45.65 1.50 0.00	42.46 1.20 0.00	42.67 1.44 0.00	41.46 1.82 0.00	40.44 1.63 0.00	41.16 1.73 0.00	40.31 1.55 0.00	41.73 0.74 0.00	44.46 0.74 0.00	53.40 1.05 0.00	62.46 2.34 0.00	54.49 2.20 0.00	51.90 2.18 0.00	47.82 2.01 0.00	44.44 1.71 0.00	43.29 1.78 -0.01
BEEBEE_GT_13 23619	39.39 -1.13 0.00	37.77 -1.45 0.00	35.08 -1.46 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	38.98 -1.21 0.00	43.15 -1.02 0.00	45.74 -1.41 0.00	42.74 -1.41 0.00	39.61 -1.65 0.00	39.66 -1.57 0.00	38.13 -1.51 0.00	37.56 -1.24 0.00	37.97 -1.46 0.00	37.40 -1.36 0.00	39.43 -1.56 0.00	42.01 -1.70 0.00	50.05 -2.30 0.00	57.83 -2.28 0.00	50.67 -1.62 0.00	47.73 -1.99 0.00	44.16 -1.65 0.00	41.15 -1.58 0.00	40.09 -1.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.66 2.76 -16.37	58.76 2.59 -16.95	39.02 2.37 -0.11	36.58 2.10 -0.01	39.17 2.25 -0.01	58.80 2.45 -16.16	57.88 2.87 -10.85	62.74 3.63 -11.95	62.82 3.62 -15.05	62.76 3.63 -17.87	61.33 3.59 -16.52	61.22 3.29 -18.30	61.10 3.10 -19.19	63.15 3.31 -20.41	61.22 3.14 -19.33	64.56 3.57 -20.00	64.16 3.76 -16.68	73.17 4.45 -16.37	262.60 4.81 -197.68	65.34 4.34 -8.71	65.36 4.13 -11.51	65.04 3.85 -15.39	64.28 3.59 -17.96	62.56 3.44 -17.62
BETHLEHEM___GRP 23843	41.91 1.38 0.00	40.63 1.41 0.00	37.85 1.32 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.44 1.28 0.00	48.67 1.51 0.00	45.56 1.41 0.00	42.62 1.36 0.00	42.59 1.36 0.00	40.86 1.23 0.00	40.01 1.20 0.00	40.69 1.26 0.00	39.96 1.20 0.00	42.34 1.35 0.00	47.16 1.49 -1.95	54.45 2.09 0.00	62.46 2.34 0.00	54.38 2.09 0.00	51.80 2.04 -0.04	47.64 1.83 0.00	44.48 1.75 0.00	43.24 1.74 0.00
BETHLEHEM___GS1 323560	41.95 1.42 0.00	40.63 1.41 0.00	37.85 1.31 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.44 1.28 0.00	48.53 1.37 0.00	45.43 1.28 0.00	42.46 1.20 0.00	42.43 1.20 0.00	40.74 1.11 0.00	39.93 1.13 0.00	40.53 1.10 0.00	39.88 1.12 0.00	42.34 1.35 0.00	47.18 1.49 -1.97	54.45 2.10 0.00	62.46 2.34 0.00	54.39 2.09 0.00	51.80 2.04 -0.04	47.64 1.83 0.00	44.53 1.79 0.00	43.16 1.66 0.00
BETHLEHEM___GS2 323561	41.95 1.42 0.00	40.63 1.41 0.00	37.85 1.31 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.44 1.28 0.00	48.53 1.37 0.00	45.43 1.28 0.00	42.46 1.20 0.00	42.43 1.20 0.00	40.74 1.11 0.00	39.93 1.13 0.00	40.53 1.10 0.00	39.88 1.12 0.00	42.34 1.35 0.00	47.18 1.49 -1.97	54.45 2.10 0.00	62.46 2.34 0.00	54.39 2.09 0.00	51.80 2.04 -0.04	47.64 1.83 0.00	44.53 1.79 0.00	43.16 1.66 0.00
BETHLEHEM___GS3 323562	41.95 1.42 0.00	40.63 1.41 0.00	37.85 1.31 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.44 1.28 0.00	48.53 1.37 0.00	45.43 1.28 0.00	42.46 1.20 0.00	42.43 1.20 0.00	40.74 1.11 0.00	39.93 1.13 0.00	40.53 1.10 0.00	39.88 1.12 0.00	42.34 1.35 0.00	47.18 1.49 -1.97	54.45 2.10 0.00	62.46 2.34 0.00	54.39 2.09 0.00	51.80 2.04 -0.04	47.64 1.83 0.00	44.53 1.79 0.00	43.16 1.66 0.00
BETHLEHEM___STEEL 23779	39.48 -1.05 0.00	37.77 -1.45 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	39.11 -1.09 0.00	43.41 -0.75 0.00	45.60 -1.56 0.00	42.56 -1.59 0.00	39.32 -1.94 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.10 -1.71 0.00	37.47 -1.93 0.02	36.94 -1.82 0.00	38.94 -2.05 0.00	41.36 -2.36 0.00	48.61 -3.72 0.02	55.58 -4.51 0.02	48.28 -3.97 0.04	46.96 -2.73 0.02	43.79 -2.02 0.00	40.81 -1.92 0.00	40.09 -1.41 0.00
BETHLHEM_115KV_TB1 79974	41.87 1.34 0.00	40.59 1.37 0.00	37.78 1.24 0.00	35.64 1.17 0.00	38.17 1.26 0.00	41.52 1.33 0.00	45.40 1.24 0.00	48.57 1.41 0.00	45.52 1.37 0.00	42.54 1.28 0.00	42.55 1.32 0.00	40.82 1.19 0.00	39.97 1.16 0.00	40.61 1.18 0.00	39.92 1.16 0.00	42.30 1.31 0.00	46.99 1.40 -1.87	54.39 2.04 0.00	62.34 2.22 0.00	54.28 1.99 0.00	51.69 1.94 -0.04	47.59 1.79 0.00	44.44 1.71 0.00	43.16 1.66 0.00
BETHPAGE_CC_5 323564	42.92 2.39 0.00	41.69 2.47 0.00	38.84 2.30 0.00	36.43 1.96 0.00	39.09 2.18 0.00	42.28 2.09 0.00	47.17 3.00 0.00	50.46 3.30 0.00	47.20 3.04 0.00	44.39 3.13 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.11 2.68 0.00	41.20 2.44 0.00	44.07 3.08 0.00	47.28 3.10 -0.46	56.28 3.93 0.00	64.93 4.81 0.00	56.42 4.13 0.00	55.68 4.08 -1.89	49.43 3.62 0.00	45.98 3.25 0.00	44.36 2.86 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.60 -0.93 0.00	37.88 -1.33 0.00	35.15 -1.39 0.00	33.26 -1.21 0.00	35.81 -1.11 0.00	39.23 -0.96 0.00	43.54 -0.62 0.00	45.74 -1.41 0.00	42.70 -1.46 0.00	39.44 -1.82 0.00	39.42 -1.81 0.00	37.89 -1.74 0.00	37.18 -1.63 0.00	37.55 -1.85 0.02	37.01 -1.74 0.00	39.02 -1.97 0.00	41.49 -2.23 0.00	48.67 -3.66 0.02	55.52 -4.57 0.02	48.18 -4.08 0.03	47.01 -2.68 0.02	43.88 -1.92 0.00	40.89 -1.84 0.00	40.21 -1.29 0.00

BINGHAMTON___COGEN 23790	40.57 0.04 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.33 -0.14 0.00	36.88 -0.04 0.00	40.23 0.04 0.00	44.38 0.22 0.00	47.30 0.14 0.00	44.24 0.09 0.00	41.18 -0.08 0.00	41.11 -0.12 0.00	39.47 -0.16 0.00	38.65 -0.16 0.00	39.31 -0.12 0.00	38.64 -0.12 0.00	40.87 -0.12 0.00	43.79 -0.13 -0.20	52.04 -0.31 0.00	59.75 -0.36 0.00	51.93 -0.37 0.00	49.67 -0.05 0.00	45.90 0.09 0.00	42.69 -0.04 0.00	41.54 0.04 0.00
BIXINCNT_115KV_LOAD 355685	39.03 -1.50 0.00	37.34 -1.88 0.00	34.75 -1.79 0.00	32.95 -1.52 0.00	35.55 -1.37 0.00	38.90 -1.29 0.00	43.37 -0.79 0.00	45.55 -1.60 0.00	42.43 -1.72 0.00	38.91 -2.35 0.00	38.72 -2.52 0.00	37.02 -2.62 0.00	36.21 -2.60 0.00	36.66 -2.76 0.01	36.01 -2.75 0.00	38.00 -2.99 0.00	40.55 -3.28 -0.11	47.21 -5.13 0.01	53.43 -6.67 0.01	46.10 -6.17 0.02	45.53 -4.18 0.01	42.56 -3.25 0.00	39.78 -2.95 0.00	38.97 -2.53 0.00
BLACK RIVER___HYD 24047	42.31 1.78 0.00	40.75 1.53 0.00	37.96 1.42 0.00	35.64 1.17 0.00	38.02 1.11 0.00	41.56 1.37 0.00	45.88 1.72 0.00	49.28 2.12 0.00	45.83 1.68 0.00	42.58 1.32 0.00	42.71 1.48 0.00	41.34 1.70 0.00	40.28 1.47 0.00	41.05 1.62 0.00	40.19 1.43 0.00	41.97 0.98 0.00	44.76 1.05 0.00	53.82 1.46 0.00	63.18 3.06 0.00	55.22 2.93 0.00	52.65 2.93 0.00	48.42 2.61 0.00	44.83 2.09 0.00	43.58 2.07 -0.01
BLACKRVR_115KV_TB2 79977	42.31 1.78 0.00	40.75 1.53 0.00	37.96 1.42 0.00	35.64 1.17 0.00	38.02 1.11 0.00	41.56 1.37 0.00	45.88 1.72 0.00	49.23 2.07 0.00	45.74 1.59 0.00	42.45 1.20 0.00	42.59 1.36 0.00	41.26 1.62 0.00	40.28 1.47 0.00	40.93 1.50 0.00	40.15 1.40 0.00	41.98 0.98 0.00	44.77 1.05 0.00	53.82 1.47 0.00	63.24 3.13 0.00	55.22 2.93 0.00	52.60 2.88 0.00	48.42 2.61 0.00	44.83 2.09 0.00	43.46 1.95 -0.01
BLISS_WT_PWR 323608	38.71 -1.82 0.00	37.02 -2.20 0.00	34.49 -2.05 0.00	32.71 -1.76 0.00	35.33 -1.59 0.00	38.78 -1.41 0.00	43.01 -1.15 0.00	44.89 -2.26 0.00	41.85 -2.30 0.00	38.70 -2.56 0.00	38.51 -2.72 0.00	36.70 -2.93 0.00	35.51 -3.30 0.00	36.38 -3.04 0.01	35.69 -3.06 0.00	37.55 -3.44 0.00	40.11 -3.72 -0.11	47.05 -5.29 0.01	52.53 -7.58 0.01	45.63 -6.64 0.02	45.08 -4.62 0.01	41.96 -3.85 0.00	39.31 -3.42 0.00	38.96 -2.53 0.00
BLUESTONE___WT_PWR 323821	42.56 2.03 0.00	41.06 1.84 0.00	38.29 1.75 0.00	36.09 1.62 0.00	38.72 1.81 0.00	42.40 2.21 0.00	46.95 2.78 0.00	50.13 2.97 0.00	46.94 2.78 0.00	43.57 2.31 0.00	43.50 2.27 0.00	41.77 2.14 0.00	40.71 1.90 0.00	41.52 2.09 0.00	40.77 2.01 0.00	43.29 2.29 0.00	46.66 2.58 -0.36	55.49 3.14 0.00	64.02 3.91 0.00	55.54 3.24 0.00	52.91 3.18 -0.01	48.70 2.89 0.00	45.17 2.43 0.00	43.90 2.41 0.00
BLUE_CIRC_CHEM_DRP 24182	41.99 1.46 0.00	40.71 1.49 0.00	37.93 1.39 0.00	35.74 1.28 0.00	38.28 1.37 0.00	41.64 1.45 0.00	45.53 1.37 0.00	48.67 1.51 0.00	45.52 1.37 0.00	42.50 1.24 0.00	42.47 1.24 0.00	40.74 1.11 0.00	39.85 1.05 0.00	40.53 1.10 0.00	39.84 1.09 0.00	42.26 1.27 0.00	46.60 1.40 -1.49	54.39 2.04 0.00	62.40 2.28 0.00	54.33 2.04 0.00	51.74 1.99 -0.03	47.64 1.83 0.00	44.48 1.75 0.00	43.24 1.74 0.00
BOC_GAS_DRP 24189	41.58 1.05 0.00	40.32 1.10 0.00	37.56 1.02 0.00	35.40 0.93 0.00	37.91 1.00 0.00	41.24 1.04 0.00	45.09 0.93 0.00	48.29 1.13 0.00	45.26 1.10 0.00	42.33 1.07 0.00	42.30 1.07 0.00	40.58 0.95 0.00	39.74 0.93 0.00	40.42 0.99 0.00	39.69 0.93 0.00	42.06 1.07 0.00	46.27 1.14 -1.41	53.97 1.62 0.00	61.86 1.74 0.00	53.91 1.62 0.00	51.29 1.54 -0.03	47.23 1.42 0.00	44.10 1.37 0.00	42.87 1.37 0.00
BOONVILLE_115KV_TB1 79983	41.79 1.26 0.00	40.36 1.14 0.00	37.60 1.06 0.00	35.40 0.93 0.00	37.80 0.89 0.00	41.24 1.04 0.00	45.44 1.28 0.00	48.85 1.70 0.00	45.70 1.55 0.00	42.54 1.28 0.00	42.59 1.36 0.00	41.10 1.47 0.00	40.13 1.32 0.00	40.81 1.38 0.00	40.08 1.32 0.00	42.06 1.07 0.00	44.90 1.18 0.00	53.87 1.52 0.00	62.46 2.34 0.00	54.33 2.04 0.00	51.65 1.94 0.00	47.55 1.74 0.00	44.27 1.54 0.00	42.91 1.41 0.00
BORALEX_4TH_BRANCH 23824	42.43 1.90 0.00	41.06 1.84 0.00	38.25 1.72 0.00	36.12 1.65 0.00	38.65 1.73 0.00	42.04 1.85 0.00	47.08 2.91 0.00	50.60 3.44 0.00	47.38 3.22 0.00	44.52 3.26 0.00	44.28 3.05 0.00	42.45 2.81 0.00	41.41 2.60 0.00	42.31 2.88 0.00	41.59 2.83 0.00	44.03 3.03 0.00	50.58 3.50 -3.37	55.23 2.88 0.00	63.12 3.01 0.00	55.06 2.77 0.00	52.47 2.68 -0.07	48.24 2.43 0.00	45.12 2.39 0.00	43.86 2.37 0.00
BOWLINE___1 23526	41.99 1.46 0.00	40.67 1.45 0.00	37.85 1.31 0.00	35.64 1.17 0.00	38.13 1.22 0.00	41.48 1.29 0.00	45.88 1.72 0.00	49.18 2.03 0.00	46.09 1.94 0.00	43.24 1.98 0.00	43.13 1.90 0.00	41.42 1.79 0.00	40.59 1.79 0.00	41.21 1.78 0.00	40.54 1.78 0.00	43.20 2.21 0.00	46.51 2.36 -0.43	55.07 2.72 0.00	63.18 3.06 0.00	54.96 2.67 0.00	52.21 2.48 -0.01	48.14 2.33 0.00	44.91 2.18 0.00	43.45 1.95 0.00
BOWLINE___2 23595	41.99 1.46 0.00	40.67 1.45 0.00	37.85 1.31 0.00	35.64 1.17 0.00	38.13 1.22 0.00	41.48 1.29 0.00	45.88 1.72 0.00	49.18 2.03 0.00	46.09 1.94 0.00	43.24 1.98 0.00	43.13 1.90 0.00	41.42 1.79 0.00	40.59 1.79 0.00	41.21 1.78 0.00	40.54 1.78 0.00	43.20 2.21 0.00	46.51 2.36 -0.43	55.07 2.72 0.00	63.18 3.06 0.00	54.96 2.67 0.00	52.21 2.48 -0.01	48.14 2.33 0.00	44.91 2.18 0.00	43.45 1.95 0.00
BRADY___115KV_TB2 356060	45.76 5.23 0.00	44.12 4.90 0.00	41.21 4.68 0.00	38.39 3.93 0.00	39.83 2.92 0.00	43.45 3.26 0.00	47.65 3.49 0.00	50.83 3.68 0.00	46.98 2.83 0.00	43.73 2.48 0.00	44.28 3.05 0.00	43.79 4.16 0.00	42.65 3.84 0.00	43.33 3.90 0.00	42.48 3.72 0.00	43.49 2.50 0.00	46.12 2.40 0.00	55.07 2.72 0.00	65.40 5.29 0.00	57.05 4.76 0.00	54.29 4.57 0.00	50.30 4.49 0.00	47.05 4.32 0.00	46.30 4.77 -0.03
BRANSCOMB___SOLAR 323811	42.96 2.43 0.00	41.65 2.43 0.00	38.73 2.19 0.00	36.53 2.07 0.00	39.17 2.25 0.00	42.64 2.45 0.00	47.25 3.09 0.00	50.36 3.21 0.00	47.02 2.87 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.93 2.30 0.00	41.06 2.25 0.00	41.60 2.17 0.00	41.00 2.25 0.00	43.66 2.66 0.00	51.20 3.19 -4.30	56.07 3.72 0.00	64.45 4.33 0.00	56.01 3.71 0.00	53.58 3.78 -0.09	49.20 3.39 0.00	45.81 3.08 0.00	44.32 2.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.33 2.80 0.00	42.12 2.90 0.00	39.24 2.70 0.00	36.81 2.34 0.00	39.54 2.62 0.00	42.64 2.45 0.00	47.56 3.40 0.00	51.16 4.01 0.00	47.99 3.84 0.00	45.05 3.80 0.00	45.02 3.79 0.00	43.08 3.45 0.00	41.91 3.10 0.00	42.74 3.31 0.00	41.63 2.87 0.00	44.35 3.36 0.00	47.64 3.45 -0.47	56.85 4.50 0.00	65.64 5.53 0.00	57.10 4.81 0.00	56.37 4.77 -1.89	49.93 4.12 0.00	46.41 3.67 0.00	44.94 3.44 0.00



BRISTLHL_115KV_TB1 79998	40.37 -0.16 0.00	38.87 -0.35 0.00	36.21 -0.33 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	44.03 -0.13 0.00	46.97 -0.19 0.00	43.93 -0.22 0.00	40.93 -0.33 0.00	40.86 -0.37 0.00	39.32 -0.32 0.00	38.57 -0.23 0.00	39.23 -0.20 0.00	38.60 -0.16 0.00	40.66 -0.33 0.00	43.37 -0.35 0.00	51.93 -0.42 0.00	60.05 -0.06 0.00	52.34 0.05 0.00	49.76 0.05 0.00	45.85 0.05 0.00	42.52 -0.21 0.00	41.21 -0.29 0.00
BROOKHAVEN___DRP 24191	42.64 2.11 0.00	41.81 2.59 0.00	39.06 2.52 0.00	36.60 2.14 0.00	39.31 2.40 0.00	41.96 1.77 0.00	46.81 2.65 0.00	50.13 2.97 0.00	47.02 2.87 0.00	44.39 3.14 0.00	44.49 3.26 0.00	42.56 2.93 0.00	41.33 2.52 0.00	42.19 2.76 0.00	41.01 2.25 0.00	43.70 2.71 0.00	46.68 2.49 -0.47	55.81 3.46 0.00	64.50 4.39 0.00	56.06 3.77 0.00	55.38 3.78 -1.89	48.97 3.16 0.00	45.47 2.73 0.00	44.03 2.53 0.00
BROOKLYN_NAVY_YARD 23515	42.51 1.99 0.00	41.14 1.92 0.00	38.25 1.72 0.00	35.95 1.48 0.00	38.46 1.55 0.00	41.88 1.69 0.00	46.32 2.16 0.00	49.80 2.64 0.00	46.76 2.60 0.00	43.94 2.68 0.00	43.87 2.64 0.00	42.13 2.50 0.00	41.29 2.49 0.00	41.96 2.53 0.00	41.24 2.48 0.00	43.98 2.99 0.00	47.19 3.01 -0.46	55.91 3.56 0.00	64.14 4.03 0.00	55.80 3.50 0.00	52.95 3.23 -0.01	48.88 3.07 0.00	45.68 2.95 0.00	44.11 2.62 0.00
BROOKLYN___ARMY_DRP 323595	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
BROOKVLE_69_KV_TB1 55790	43.04 2.51 0.00	41.69 2.47 0.00	38.84 2.30 0.00	36.46 2.00 0.00	39.09 2.18 0.00	42.36 2.17 0.00	47.08 2.91 0.00	50.79 3.63 0.00	47.68 3.53 0.00	44.77 3.51 0.00	44.74 3.50 0.00	42.84 3.21 0.00	41.75 2.95 0.00	42.54 3.11 0.00	41.55 2.79 0.00	44.19 3.20 0.00	47.56 3.37 -0.47	56.59 4.24 0.00	65.10 4.99 0.00	56.63 4.34 0.00	55.93 4.33 -1.89	49.61 3.80 0.00	46.11 3.38 0.00	44.69 3.20 0.00
BROOME_2_LFGE 323671	40.57 0.04 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.33 -0.14 0.00	36.88 -0.04 0.00	40.23 0.04 0.00	44.34 0.18 0.00	47.20 0.05 0.00	44.15 0.00 0.00	41.18 -0.08 0.00	41.11 -0.12 0.00	39.51 -0.12 0.00	38.57 -0.23 0.00	39.31 -0.12 0.00	38.68 -0.08 0.00	40.87 -0.12 0.00	43.78 -0.13 -0.20	52.14 -0.21 0.00	59.70 -0.42 0.00	51.98 -0.31 0.00	49.72 0.00 0.00	45.90 0.09 0.00	42.69 -0.04 0.00	41.70 0.21 0.00
BROOME___LFGE 323600	40.57 0.04 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.33 -0.14 0.00	36.88 -0.04 0.00	40.23 0.04 0.00	44.34 0.18 0.00	47.20 0.05 0.00	44.15 0.00 0.00	41.18 -0.08 0.00	41.11 -0.12 0.00	39.51 -0.12 0.00	38.57 -0.23 0.00	39.31 -0.12 0.00	38.68 -0.08 0.00	40.87 -0.12 0.00	43.78 -0.13 -0.20	52.14 -0.21 0.00	59.70 -0.42 0.00	51.98 -0.31 0.00	49.72 0.00 0.00	45.90 0.09 0.00	42.69 -0.04 0.00	41.70 0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	43.20 2.67 0.00	41.65 2.43 0.00	38.84 2.30 0.00	36.33 1.86 0.00	38.10 1.18 0.00	41.48 1.29 0.00	45.57 1.41 0.00	48.95 1.79 0.00	45.52 1.37 0.00	42.45 1.20 0.00	42.88 1.65 0.00	42.01 2.38 0.00	41.02 2.21 0.00	41.68 2.25 0.00	40.85 2.09 0.00	42.06 1.07 0.00	44.68 0.96 0.00	53.35 0.99 0.00	62.58 2.46 0.00	54.44 2.14 0.00	51.80 2.09 0.00	47.92 2.11 0.00	44.74 2.01 0.00	43.80 2.28 -0.02
BROWNSV1_27_KV_LOAD 356125	42.84 2.31 0.00	41.38 2.16 0.00	38.51 1.97 0.00	36.22 1.76 0.00	38.76 1.85 0.00	42.20 2.01 0.00	46.63 2.47 0.00	50.32 3.16 0.00	47.38 3.22 0.00	44.48 3.22 0.00	44.45 3.22 0.00	42.60 2.97 0.00	41.60 2.79 0.00	42.43 3.00 0.00	41.59 2.83 0.00	44.19 3.20 0.00	47.51 3.32 -0.47	56.33 3.98 0.00	64.44 4.33 0.00	56.21 3.92 0.00	53.40 3.68 -0.01	49.20 3.39 0.00	45.94 3.20 0.00	44.53 3.03 0.00
BURROWS___LYONSDAL 23803	41.83 1.30 0.00	40.36 1.14 0.00	37.63 1.10 0.00	35.40 0.93 0.00	37.76 0.85 0.00	41.19 1.00 0.00	45.40 1.24 0.00	48.85 1.70 0.00	45.70 1.55 0.00	42.50 1.24 0.00	42.59 1.36 0.00	41.14 1.51 0.00	40.16 1.36 0.00	40.85 1.42 0.00	40.08 1.32 0.00	41.89 0.90 0.00	44.77 1.05 0.00	53.71 1.36 0.00	62.40 2.28 0.00	54.28 1.99 0.00	51.65 1.94 0.00	47.55 1.74 0.00	44.23 1.50 0.00	42.91 1.41 -0.01
CAITHNESS_CC_1 323624	42.60 2.07 0.00	41.77 2.55 0.00	38.99 2.45 0.00	36.57 2.10 0.00	39.28 2.36 0.00	41.92 1.73 0.00	46.99 2.83 0.00	49.94 2.78 0.00	46.67 2.52 0.00	44.07 2.81 0.00	43.91 2.68 0.00	42.09 2.46 0.00	41.21 2.41 0.00	41.72 2.29 0.00	40.85 2.09 0.00	43.74 2.75 0.00	46.66 2.49 -0.46	55.81 3.45 0.00	64.56 4.45 0.00	56.06 3.77 0.00	55.33 3.73 -1.89	49.01 3.21 0.00	45.55 2.82 0.00	43.94 2.45 0.00
CALPINE BETH_PAGE_GT4 24209	42.96 2.43 0.00	41.69 2.47 0.00	38.84 2.30 0.00	36.43 1.96 0.00	39.09 2.18 0.00	42.28 2.09 0.00	47.03 2.87 0.00	50.69 3.54 0.00	47.60 3.44 0.00	44.64 3.38 0.00	44.65 3.42 0.00	42.72 3.09 0.00	41.64 2.83 0.00	42.43 3.00 0.00	41.35 2.60 0.00	44.03 3.03 0.00	47.25 3.06 -0.47	56.17 3.82 0.00	64.68 4.57 0.00	56.27 3.97 0.00	55.63 4.03 -1.89	49.34 3.53 0.00	45.85 3.12 0.00	44.40 2.90 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.92 2.39 0.00	41.69 2.47 0.00	38.84 2.30 0.00	36.43 1.96 0.00	39.09 2.18 0.00	42.28 2.09 0.00	47.12 2.96 0.00	50.46 3.30 0.00	47.20 3.04 0.00	44.39 3.13 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.11 2.68 0.00	41.20 2.44 0.00	44.03 3.03 0.00	47.23 3.06 -0.46	56.17 3.82 0.00	64.74 4.63 0.00	56.27 3.97 0.00	55.58 3.98 -1.89	49.34 3.53 0.00	45.89 3.16 0.00	44.28 2.78 0.00
CALPINE_BP_GT1 23823	42.92 2.39 0.00	41.69 2.47 0.00	38.84 2.30 0.00	36.43 1.96 0.00	39.09 2.18 0.00	42.28 2.09 0.00	47.12 2.96 0.00	50.46 3.30 0.00	47.20 3.04 0.00	44.39 3.13 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.11 2.68 0.00	41.20 2.44 0.00	44.03 3.03 0.00	47.23 3.06 -0.46	56.17 3.82 0.00	64.74 4.63 0.00	56.27 3.97 0.00	55.58 3.98 -1.89	49.34 3.53 0.00	45.89 3.16 0.00	44.28 2.78 0.00
CALSPAN___DRP 24200	39.48 -1.05 0.00	37.77 -1.45 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	39.11 -1.09 0.00	43.41 -0.75 0.00	45.60 -1.56 0.00	42.56 -1.59 0.00	39.32 -1.94 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.10 -1.71 0.00	37.47 -1.93 0.02	36.94 -1.82 0.00	38.94 -2.05 0.00	41.36 -2.36 0.00	48.61 -3.72 0.02	55.58 -4.51 0.02	48.28 -3.97 0.04	46.96 -2.73 0.02	43.79 -2.02 0.00	40.81 -1.92 0.00	40.09 -1.41 0.00

CALVERTON___SOLAR 323806	42.64 2.11 0.00	41.89 2.67 0.00	39.13 2.59 0.00	36.67 2.21 0.00	39.39 2.47 0.00	41.96 1.77 0.00	47.08 2.91 0.00	49.94 2.78 0.00	46.62 2.47 0.00	44.10 2.84 0.00	43.95 2.72 0.00	42.09 2.46 0.00	41.21 2.41 0.00	41.72 2.29 0.00	40.81 2.05 0.00	43.70 2.70 0.00	46.62 2.45 -0.46	55.75 3.40 0.00	64.56 4.45 0.00	56.06 3.77 0.00	55.33 3.73 -1.89	49.01 3.21 0.00	45.51 2.78 0.00	43.94 2.45 0.00
CANDIGU_WT_PWR 323617	39.52 -1.01 0.00	37.92 -1.29 0.00	35.22 -1.31 0.00	33.23 -1.24 0.00	35.77 -1.14 0.00	39.23 -0.96 0.00	43.32 -0.84 0.00	45.65 -1.51 0.00	42.34 -1.81 0.00	39.28 -1.98 0.00	39.13 -2.10 0.00	37.45 -2.18 0.00	36.44 -2.37 0.00	36.91 -2.21 0.31	36.59 -2.17 0.00	38.61 -2.38 0.00	41.40 -2.45 -0.13	49.00 -3.04 0.31	56.02 -3.79 0.31	48.74 -3.09 0.47	47.07 -2.34 0.31	43.79 -2.01 0.00	40.72 -2.01 0.00	40.17 -1.33 0.00
CARR STREET_E__SYR 24060	39.96 -0.57 0.00	38.51 -0.70 0.00	35.84 -0.70 0.00	33.81 -0.66 0.00	36.29 -0.63 0.00	39.55 -0.64 0.00	43.50 -0.66 0.00	46.45 -0.71 0.00	43.53 -0.62 0.00	40.64 -0.62 0.00	40.61 -0.62 0.00	39.04 -0.59 0.00	38.18 -0.62 0.00	38.92 -0.51 0.00	38.25 -0.50 0.00	40.26 -0.74 0.00	42.88 -0.83 0.00	51.30 -1.05 0.00	58.97 -1.14 0.00	51.40 -0.89 0.00	48.92 -0.80 0.00	45.07 -0.73 0.00	41.92 -0.81 0.00	40.88 -0.62 0.00
CARTHAGE___PAPER 23857	42.23 1.70 0.00	40.71 1.49 0.00	37.93 1.39 0.00	35.60 1.14 0.00	37.87 0.96 0.00	41.39 1.20 0.00	45.66 1.50 0.00	49.14 1.98 0.00	45.70 1.54 0.00	42.46 1.20 0.00	42.63 1.40 0.00	41.37 1.74 0.00	40.32 1.51 0.00	41.05 1.62 0.00	40.19 1.43 0.00	41.77 0.78 0.00	44.54 0.83 0.00	53.56 1.21 0.00	62.82 2.71 0.00	54.85 2.56 0.00	52.25 2.53 0.00	48.05 2.24 0.00	44.61 1.88 0.00	43.38 1.87 -0.01
CASSADAGA_WT_PWR 323784	39.19 -1.34 0.00	37.34 -1.88 0.00	34.60 -1.94 0.00	32.71 -1.76 0.00	35.29 -1.62 0.00	38.78 -1.41 0.00	42.84 -1.32 0.00	44.70 -2.45 0.00	41.64 -2.51 0.00	38.82 -2.43 0.00	38.68 -2.56 0.00	37.06 -2.58 0.00	35.85 -2.95 0.00	36.70 -2.72 0.01	36.01 -2.75 0.00	37.92 -3.08 0.00	40.37 -3.45 -0.11	47.78 -4.56 0.01	54.15 -5.95 0.01	47.30 -4.97 0.02	46.27 -3.43 0.01	43.06 -2.75 0.00	40.08 -2.65 0.00	40.00 -1.49 0.00
CE_DUNWOOD___DRP 24194	42.35 1.82 0.00	40.98 1.76 0.00	38.18 1.64 0.00	35.91 1.45 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.19 2.03 0.00	49.80 2.64 0.00	46.80 2.65 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.05 2.42 0.00	41.06 2.25 0.00	41.87 2.44 0.00	41.04 2.29 0.00	43.62 2.62 0.00	46.94 2.75 -0.47	55.60 3.25 0.00	63.66 3.55 0.00	55.48 3.19 0.00	52.76 3.03 -0.01	48.56 2.75 0.00	45.30 2.56 0.00	43.94 2.45 0.00
CE_MILLWOOD___DRP 24193	42.31 1.78 0.00	40.90 1.69 0.00	38.11 1.57 0.00	35.84 1.38 0.00	38.35 1.44 0.00	41.76 1.57 0.00	46.10 1.94 0.00	49.70 2.55 0.00	46.71 2.56 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.97 2.34 0.00	40.98 2.17 0.00	41.76 2.33 0.00	40.97 2.21 0.00	43.53 2.54 0.00	46.85 2.67 -0.47	55.49 3.14 0.00	63.54 3.43 0.00	55.33 3.03 0.00	52.61 2.88 -0.01	48.47 2.66 0.00	45.17 2.44 0.00	43.86 2.37 0.00
CE_NYC2_DRP 24202	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.55 2.38 0.00	50.22 3.07 0.00	47.29 3.13 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.31 2.76 -0.75	43.59 2.92 -1.24	42.35 2.75 -0.85	45.73 3.16 -1.58	47.43 3.23 -0.48	56.17 3.82 0.00	64.20 4.09 0.00	56.01 3.71 0.00	53.25 3.53 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
CE_NYC_DRP 24195	42.60 2.07 0.00	41.14 1.92 0.00	38.33 1.79 0.00	36.02 1.55 0.00	38.54 1.62 0.00	41.96 1.77 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.23 2.97 0.00	44.20 2.97 0.00	42.37 2.73 0.00	41.37 2.56 0.00	42.19 2.76 0.00	41.35 2.60 0.00	43.94 2.95 0.00	47.21 3.02 -0.47	55.96 3.61 0.00	64.02 3.91 0.00	55.80 3.50 0.00	53.06 3.33 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.24 2.74 0.00
CHAFFEE___LFGE 323603	39.64 -0.89 0.00	37.96 -1.26 0.00	35.22 -1.31 0.00	33.33 -1.14 0.00	35.88 -1.03 0.00	39.39 -0.80 0.00	43.54 -0.62 0.00	45.50 -1.65 0.00	42.56 -1.59 0.00	39.73 -1.53 0.00	39.79 -1.44 0.00	38.17 -1.47 0.00	36.98 -1.82 0.00	37.87 -1.54 0.02	37.25 -1.51 0.00	39.19 -1.80 0.00	41.62 -2.10 0.00	49.25 -3.09 0.02	55.71 -4.39 0.02	48.60 -3.66 0.03	47.46 -2.24 0.02	44.11 -1.69 0.00	41.02 -1.71 0.00	40.92 -0.58 0.00
CHATEAUG_35_KV_LOAD 355732	39.76 -0.77 0.00	38.59 -0.63 0.00	36.06 -0.47 0.00	34.16 -0.31 0.00	36.51 -0.41 0.00	39.91 -0.28 0.00	43.90 -0.26 0.00	46.73 -0.42 0.00	43.62 -0.53 0.00	40.72 -0.54 0.00	40.86 -0.37 0.00	39.47 -0.16 0.00	38.69 -0.12 0.00	39.27 -0.16 0.00	38.52 -0.23 0.00	40.50 -0.49 0.00	43.15 -0.57 0.00	51.41 -0.94 0.00	59.03 -1.08 0.00	50.83 -1.46 0.00	48.27 -1.44 0.00	44.39 -1.42 0.00	41.45 -1.28 0.00	40.20 -1.29 0.01
CHATEAUG_WT_PWR 323614	39.52 -1.01 0.00	38.36 -0.86 0.00	35.92 -0.62 0.00	34.05 -0.41 0.00	36.47 -0.44 0.00	39.83 -0.36 0.00	43.85 -0.31 0.00	46.69 -0.47 0.00	43.53 -0.62 0.00	40.68 -0.58 0.00	40.82 -0.41 0.00	39.40 -0.24 0.00	38.65 -0.15 0.00	39.19 -0.24 0.00	38.41 -0.35 0.00	40.46 -0.53 0.00	43.06 -0.65 0.00	51.30 -1.05 0.00	58.79 -1.32 0.00	50.62 -1.68 0.00	47.93 -1.79 0.00	44.07 -1.74 0.00	41.11 -1.62 0.00	39.82 -1.66 0.01
CHAT_HIGH_FALL_HYD 323578	39.76 -0.77 0.00	38.59 -0.63 0.00	36.06 -0.47 0.00	34.16 -0.31 0.00	36.51 -0.41 0.00	39.91 -0.28 0.00	43.90 -0.26 0.00	46.73 -0.42 0.00	43.62 -0.53 0.00	40.72 -0.54 0.00	40.86 -0.37 0.00	39.47 -0.16 0.00	38.69 -0.12 0.00	39.27 -0.16 0.00	38.52 -0.23 0.00	40.50 -0.49 0.00	43.15 -0.57 0.00	51.41 -0.94 0.00	59.03 -1.08 0.00	50.83 -1.46 0.00	48.27 -1.44 0.00	44.39 -1.42 0.00	41.45 -1.28 0.00	40.20 -1.29 0.01
CHAUTAUQUA___LFGE 323629	39.56 -0.97 0.00	37.81 -1.41 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	39.23 -0.96 0.00	43.32 -0.84 0.00	45.27 -1.89 0.00	42.25 -1.90 0.00	39.44 -1.81 0.00	39.38 -1.85 0.00	37.77 -1.86 0.00	36.63 -2.17 0.00	37.48 -1.93 0.02	36.86 -1.90 0.00	38.78 -2.21 0.00	41.23 -2.49 0.00	48.83 -3.51 0.02	55.41 -4.69 0.02	48.45 -3.82 0.03	47.16 -2.53 0.02	43.84 -1.97 0.00	40.77 -1.96 0.00	40.67 -0.83 0.00
CHERRYST_13_KV_LD 356241	42.68 2.15 0.00	41.26 2.04 0.00	38.40 1.86 0.00	36.12 1.65 0.00	38.65 1.73 0.00	42.08 1.89 0.00	46.46 2.30 0.00	50.17 3.02 0.00	47.24 3.09 0.00	44.35 3.09 0.00	44.32 3.09 0.00	42.53 2.89 0.00	41.52 2.72 0.00	42.31 2.88 0.00	41.47 2.71 0.00	44.11 3.12 0.00	47.38 3.19 -0.47	56.17 3.82 0.00	64.20 4.09 0.00	55.95 3.66 0.00	53.20 3.48 -0.01	48.97 3.16 0.00	45.72 2.99 0.00	44.36 2.86 0.00

CHESTROR_138KV_BK263 355645	41.87 1.34 0.00	40.51 1.29 0.00	37.71 1.17 0.00	35.50 1.03 0.00	38.02 1.11 0.00	41.36 1.17 0.00	45.66 1.50 0.00	49.09 1.93 0.00	46.09 1.94 0.00	43.16 1.90 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.40 1.59 0.00	41.16 1.73 0.00	40.39 1.63 0.00	42.88 1.89 0.00	46.20 2.05 -0.43	54.76 2.41 0.00	62.76 2.65 0.00	54.70 2.41 0.00	51.96 2.24 -0.01	47.87 2.06 0.00	44.65 1.92 0.00	43.32 1.83 0.00
CH_MIDHUDSON___DRP 24192	42.27 1.74 0.00	40.90 1.69 0.00	38.11 1.57 0.00	35.88 1.41 0.00	38.39 1.48 0.00	41.76 1.57 0.00	46.10 1.94 0.00	49.61 2.45 0.00	46.58 2.43 0.00	43.65 2.39 0.00	43.54 2.31 0.00	41.77 2.14 0.00	40.82 2.02 0.00	41.60 2.17 0.00	40.85 2.09 0.00	43.37 2.38 0.00	46.78 2.58 -0.48	55.39 3.04 0.00	63.42 3.31 0.00	55.27 2.98 0.00	52.51 2.78 -0.01	48.37 2.57 0.00	45.08 2.35 0.00	43.78 2.28 0.00
CH_MISC_IPPS 23765	42.39 1.87 0.00	41.06 1.84 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.84 1.65 0.00	46.37 2.21 0.00	49.61 2.45 0.00	46.49 2.34 0.00	43.48 2.23 0.00	43.37 2.14 0.00	41.65 2.02 0.00	40.86 2.06 0.00	41.48 2.05 0.00	40.81 2.05 0.00	43.53 2.54 0.00	46.93 2.76 -0.46	55.65 3.30 0.00	63.78 3.67 0.00	55.54 3.24 0.00	52.66 2.93 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.82 2.32 0.00
CH_RES_BVR_FALLS 23983	39.68 -0.85 0.00	38.47 -0.75 0.00	35.92 -0.62 0.00	33.91 -0.55 0.00	36.25 -0.66 0.00	39.51 -0.68 0.00	43.41 -0.75 0.00	46.40 -0.76 0.00	43.44 -0.71 0.00	40.60 -0.66 0.00	40.61 -0.62 0.00	39.04 -0.59 0.00	38.22 -0.58 0.00	38.72 -0.71 0.00	38.02 -0.74 0.00	40.17 -0.82 0.00	42.84 -0.87 0.00	51.25 -1.10 0.00	58.85 -1.27 0.00	51.09 -1.20 0.00	48.52 -1.19 0.00	44.66 -1.14 0.00	41.71 -1.03 0.00	40.46 -1.04 0.00
CH_RES_NIAGARA 23895	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.58 0.00	34.33 -2.58 0.00	37.54 -2.65 0.00	41.56 -2.61 0.00	43.67 -3.49 0.00	40.75 -3.40 0.00	37.63 -3.63 0.00	37.64 -3.59 0.00	36.22 -3.41 0.00	35.58 -3.22 0.00	35.89 -3.51 0.03	35.42 -3.33 0.00	37.30 -3.69 0.00	39.65 -4.07 0.00	46.72 -5.60 0.03	53.83 -6.25 0.03	47.12 -5.12 0.05	45.01 -4.67 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	38.51 -2.99 0.00
CH_RES_SYRACUSE 23985	40.33 -0.20 0.00	38.86 -0.35 0.00	36.17 -0.37 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	43.94 -0.22 0.00	46.92 -0.23 0.00	43.98 -0.18 0.00	41.01 -0.25 0.00	40.99 -0.25 0.00	39.40 -0.24 0.00	38.54 -0.27 0.00	39.31 -0.12 0.00	38.64 -0.12 0.00	40.66 -0.33 0.00	43.32 -0.39 0.00	51.88 -0.47 0.00	59.63 -0.48 0.00	52.03 -0.26 0.00	49.52 -0.20 0.00	45.58 -0.23 0.00	42.35 -0.39 0.00	41.29 -0.21 0.00
CLINTON_WT_PWR 323605	39.52 -1.01 0.00	38.36 -0.86 0.00	35.92 -0.62 0.00	34.05 -0.41 0.00	36.47 -0.44 0.00	39.83 -0.36 0.00	43.85 -0.31 0.00	46.69 -0.47 0.00	43.53 -0.62 0.00	40.68 -0.58 0.00	40.82 -0.41 0.00	39.40 -0.24 0.00	38.65 -0.15 0.00	39.19 -0.24 0.00	38.41 -0.35 0.00	40.46 -0.53 0.00	43.06 -0.65 0.00	51.30 -1.05 0.00	58.79 -1.32 0.00	50.62 -1.68 0.00	47.93 -1.79 0.00	44.07 -1.74 0.00	41.11 -1.62 0.00	39.82 -1.66 0.01
CLINTON___LFGE 323618	39.72 -0.81 0.00	38.55 -0.67 0.00	36.14 -0.40 0.00	34.40 -0.07 0.00	36.88 -0.04 0.00	40.43 0.24 0.00	44.51 0.35 0.00	47.30 0.14 0.00	44.06 -0.09 0.00	41.09 -0.16 0.00	41.27 0.04 0.00	39.91 0.28 0.00	39.19 0.39 0.00	39.74 0.31 0.00	38.87 0.12 0.00	40.91 -0.08 0.00	43.54 -0.17 0.00	51.78 -0.57 0.00	59.33 -0.78 0.00	50.83 -1.46 0.00	48.08 -1.64 0.00	44.11 -1.69 0.00	41.06 -1.67 0.00	39.70 -1.78 0.01
COBBLENY_34_KV_TB1 80064	39.64 -0.89 0.00	37.96 -1.25 0.00	35.22 -1.32 0.00	33.33 -1.14 0.00	35.88 -1.03 0.00	39.31 -0.88 0.00	43.68 -0.49 0.00	45.93 -1.23 0.00	42.83 -1.32 0.00	39.57 -1.69 0.00	39.54 -1.69 0.00	38.05 -1.59 0.00	37.29 -1.51 0.00	37.72 -1.70 0.02	37.13 -1.63 0.00	39.19 -1.80 0.00	41.72 -2.10 -0.10	48.93 -3.40 0.02	55.89 -4.21 0.02	48.50 -3.77 0.03	47.26 -2.44 0.02	44.07 -1.74 0.00	41.02 -1.71 0.00	40.33 -1.16 0.00
COFFEEN___115KV_TB3 355620	42.56 2.03 0.00	40.94 1.73 0.00	38.14 1.61 0.00	35.81 1.34 0.00	38.21 1.29 0.00	41.80 1.61 0.00	46.19 2.03 0.00	49.51 2.36 0.00	45.96 1.81 0.00	42.62 1.36 0.00	42.72 1.48 0.00	41.38 1.74 0.00	40.36 1.55 0.00	41.05 1.62 0.00	40.23 1.47 0.00	42.14 1.15 0.00	44.98 1.27 0.00	54.13 1.78 0.00	63.72 3.61 0.00	55.69 3.40 0.00	53.05 3.33 0.00	48.79 2.98 0.00	45.17 2.44 0.00	43.75 2.24 -0.01
COLDSPRG_115KV_BK1 355956	40.33 -0.20 0.00	38.55 -0.67 0.00	35.77 -0.77 0.00	33.84 -0.62 0.00	36.47 -0.44 0.00	39.99 -0.20 0.00	44.56 0.40 0.00	46.83 -0.33 0.00	43.62 -0.53 0.00	40.23 -1.03 0.00	40.12 -1.11 0.00	38.52 -1.11 0.00	37.68 -1.13 0.00	38.17 -1.26 0.00	37.52 -1.24 0.00	39.56 -1.43 0.00	42.16 -1.66 -0.11	49.42 -2.93 0.00	56.21 -3.91 0.00	48.58 -3.71 0.00	47.93 -1.79 0.00	44.75 -1.05 0.00	41.58 -1.15 0.00	40.96 -0.54 0.00
COLONIE_LFGE___ 323577	42.23 1.70 0.00	40.90 1.69 0.00	38.07 1.53 0.00	35.91 1.45 0.00	38.46 1.55 0.00	41.84 1.65 0.00	46.19 2.03 0.00	49.33 2.17 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.05 1.62 0.00	40.46 1.70 0.00	43.04 2.05 0.00	49.97 2.36 -3.89	54.97 2.62 0.00	63.00 2.89 0.00	54.85 2.56 0.00	52.33 2.53 -0.08	48.10 2.29 0.00	44.91 2.18 0.00	43.53 2.03 0.00
COOPERNY_115KV_TB1 80082	41.50 0.97 0.00	40.16 0.94 0.00	37.38 0.84 0.00	35.22 0.76 0.00	37.73 0.81 0.00	41.03 0.84 0.00	45.27 1.10 0.00	48.57 1.41 0.00	45.61 1.46 0.00	42.66 1.40 0.00	42.59 1.36 0.00	40.86 1.23 0.00	39.97 1.16 0.00	40.69 1.26 0.00	39.96 1.20 0.00	42.39 1.39 0.00	45.59 1.53 -0.35	54.08 1.73 0.00	62.04 1.92 0.00	54.02 1.73 0.00	51.41 1.69 -0.01	47.32 1.51 0.00	44.14 1.41 0.00	42.82 1.33 0.00
COPENHAGEN_WT_PWR 323753	42.07 1.54 0.00	40.51 1.29 0.00	37.74 1.20 0.00	35.47 1.00 0.00	37.84 0.92 0.00	41.36 1.17 0.00	45.66 1.50 0.00	49.04 1.89 0.00	45.61 1.45 0.00	42.37 1.11 0.00	42.51 1.28 0.00	41.10 1.47 0.00	40.08 1.28 0.00	40.85 1.42 0.00	40.03 1.28 0.00	41.81 0.82 0.00	44.54 0.83 0.00	53.61 1.25 0.00	62.82 2.71 0.00	54.91 2.61 0.00	52.30 2.58 0.00	48.10 2.29 0.00	44.57 1.84 0.00	43.33 1.82 -0.01
CORNELL_____ 23752	41.10 0.57 0.00	39.61 0.39 0.00	36.87 0.33 0.00	34.74 0.28 0.00	37.32 0.41 0.00	40.75 0.56 0.00	45.00 0.84 0.00	48.01 0.85 0.00	44.86 0.71 0.00	41.67 0.41 0.00	41.56 0.33 0.00	39.91 0.28 0.00	39.08 0.27 0.00	39.72 0.28 -0.01	39.07 0.31 0.00	41.32 0.33 0.00	44.30 0.44 -0.14	52.94 0.58 -0.01	61.03 0.90 -0.01	53.20 0.89 -0.02	50.68 0.94 -0.02	46.68 0.87 0.00	43.33 0.60 0.00	42.04 0.54 0.00

CORONA__69_KV_TB1 355595	42.92 2.39 0.00	41.57 2.35 0.00	38.73 2.19 0.00	36.36 1.90 0.00	38.98 2.07 0.00	42.24 2.05 0.00	46.90 2.74 0.00	50.55 3.40 0.00	47.46 3.31 0.00	44.52 3.26 0.00	44.49 3.26 0.00	42.60 2.97 0.00	41.56 2.76 0.00	42.35 2.92 0.00	41.35 2.60 0.00	43.98 2.99 0.00	47.38 3.19 -0.47	56.33 3.98 0.00	64.74 4.63 0.00	56.42 4.13 0.00	55.68 4.08 -1.89	49.43 3.62 0.00	45.98 3.25 0.00	44.57 3.07 0.00
CORTLAND__115KV_TB3 80093	40.81 0.28 0.00	39.34 0.12 0.00	36.65 0.11 0.00	34.53 0.07 0.00	37.10 0.18 0.00	40.43 0.24 0.00	44.60 0.44 0.00	47.53 0.38 0.00	44.46 0.31 0.00	41.38 0.12 0.00	41.31 0.08 0.00	39.71 0.08 0.00	38.88 0.08 0.00	39.55 0.12 0.00	38.87 0.12 0.00	41.12 0.12 0.00	44.00 0.17 -0.11	52.51 0.16 0.00	60.48 0.36 0.00	52.66 0.37 0.00	50.21 0.50 0.00	46.27 0.46 0.00	42.99 0.26 0.00	41.75 0.25 0.00
COXSACKIE__GT 23611	43.32 2.79 0.00	42.00 2.78 0.00	39.09 2.56 0.00	36.77 2.31 0.00	39.50 2.58 0.00	42.92 2.73 0.00	47.43 3.27 0.00	50.41 3.25 0.00	46.89 2.74 0.00	43.36 2.10 0.00	43.17 1.94 0.00	41.42 1.79 0.00	40.55 1.75 0.00	41.12 1.69 0.00	40.46 1.70 0.00	43.08 2.09 0.00	47.21 2.10 -1.40	56.28 3.93 0.00	64.93 4.81 0.00	56.58 4.29 0.00	53.77 4.03 -0.03	49.47 3.67 0.00	46.07 3.34 0.00	44.57 3.07 0.00
CPV_VALLEY__CC1 323721	41.58 1.05 0.00	40.24 1.02 0.00	37.49 0.95 0.00	35.29 0.83 0.00	37.76 0.85 0.00	41.07 0.88 0.00	45.40 1.23 0.00	48.62 1.46 0.00	45.56 1.41 0.00	42.66 1.40 0.00	42.55 1.32 0.00	40.90 1.27 0.00	40.05 1.24 0.00	40.69 1.26 0.00	40.03 1.28 0.00	42.59 1.60 0.00	45.85 1.75 -0.38	54.34 1.99 0.00	62.34 2.23 0.00	54.23 1.94 0.00	51.51 1.79 -0.01	47.55 1.74 0.00	44.31 1.58 0.00	42.91 1.41 0.00
CPV_VALLEY__CC2 323722	41.58 1.05 0.00	40.24 1.02 0.00	37.49 0.95 0.00	35.29 0.83 0.00	37.76 0.85 0.00	41.07 0.88 0.00	45.40 1.23 0.00	48.62 1.46 0.00	45.56 1.41 0.00	42.66 1.40 0.00	42.55 1.32 0.00	40.90 1.27 0.00	40.05 1.24 0.00	40.69 1.26 0.00	40.03 1.28 0.00	42.59 1.60 0.00	45.85 1.75 -0.38	54.34 1.99 0.00	62.34 2.23 0.00	54.23 1.94 0.00	51.51 1.79 -0.01	47.55 1.74 0.00	44.31 1.58 0.00	42.91 1.41 0.00
CRESCENT__HYD 24018	42.23 1.70 0.00	40.90 1.69 0.00	38.07 1.53 0.00	35.91 1.45 0.00	38.46 1.55 0.00	41.84 1.65 0.00	46.19 2.03 0.00	49.33 2.17 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.05 1.62 0.00	40.46 1.70 0.00	43.04 2.05 0.00	49.97 2.36 -3.89	54.97 2.62 0.00	63.00 2.89 0.00	54.85 2.56 0.00	52.33 2.53 -0.08	48.10 2.29 0.00	44.91 2.18 0.00	43.53 2.03 0.00
CRICKET__VALLEY_CC1 323756	41.86 1.34 0.00	40.51 1.29 0.00	37.78 1.24 0.00	35.64 1.17 0.00	38.06 1.15 0.00	41.36 1.17 0.00	45.84 1.68 0.00	49.04 1.89 0.00	46.05 1.90 0.00	43.16 1.90 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.12 1.69 0.00	40.50 1.75 0.00	43.12 2.13 0.00	46.65 2.36 -0.58	54.71 2.36 0.00	62.64 2.52 0.00	54.54 2.25 0.00	51.81 2.09 -0.01	47.78 1.97 0.00	44.66 1.92 0.00	43.24 1.74 0.00
CRICKET__VALLEY_CC2 323757	41.86 1.34 0.00	40.51 1.29 0.00	37.78 1.24 0.00	35.64 1.17 0.00	38.06 1.15 0.00	41.36 1.17 0.00	45.84 1.68 0.00	49.04 1.89 0.00	46.05 1.90 0.00	43.16 1.90 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.12 1.69 0.00	40.50 1.75 0.00	43.12 2.13 0.00	46.65 2.36 -0.58	54.71 2.36 0.00	62.64 2.52 0.00	54.54 2.25 0.00	51.81 2.09 -0.01	47.78 1.97 0.00	44.66 1.92 0.00	43.24 1.74 0.00
CRICKET__VALLEY_CC3 323758	41.86 1.34 0.00	40.51 1.29 0.00	37.78 1.24 0.00	35.64 1.17 0.00	38.06 1.15 0.00	41.36 1.17 0.00	45.84 1.68 0.00	49.04 1.89 0.00	46.05 1.90 0.00	43.16 1.90 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.12 1.69 0.00	40.50 1.75 0.00	43.12 2.13 0.00	46.65 2.36 -0.58	54.71 2.36 0.00	62.64 2.52 0.00	54.54 2.25 0.00	51.81 2.09 -0.01	47.78 1.97 0.00	44.66 1.92 0.00	43.24 1.74 0.00
CRUCIBLE_METL_DRP 24180	40.33 -0.20 0.00	38.87 -0.35 0.00	36.17 -0.37 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	43.94 -0.22 0.00	46.83 -0.33 0.00	43.80 -0.35 0.00	40.85 -0.41 0.00	40.78 -0.45 0.00	39.24 -0.40 0.00	38.50 -0.31 0.00	39.11 -0.32 0.00	38.52 -0.23 0.00	40.66 -0.33 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.69 -0.42 0.00	52.03 -0.26 0.00	49.47 -0.25 0.00	45.58 -0.23 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00
DAHOWA__HYDRO 323763	43.16 2.63 0.00	41.89 2.67 0.00	38.91 2.37 0.00	36.74 2.27 0.00	39.43 2.51 0.00	42.88 2.69 0.00	47.61 3.45 0.00	50.74 3.58 0.00	47.33 3.18 0.00	44.07 2.81 0.00	43.99 2.76 0.00	42.17 2.54 0.00	41.29 2.49 0.00	41.79 2.37 0.00	41.20 2.44 0.00	43.90 2.91 0.00	51.50 3.45 -4.33	56.44 4.09 0.00	64.93 4.81 0.00	56.37 4.08 0.00	54.03 4.22 -0.09	49.61 3.80 0.00	46.15 3.42 0.00	44.57 3.07 0.00
DANC__LFGE 323619	41.30 0.77 0.00	39.77 0.55 0.00	37.05 0.51 0.00	34.85 0.38 0.00	37.25 0.33 0.00	40.67 0.48 0.00	44.87 0.70 0.00	48.10 0.94 0.00	44.86 0.70 0.00	41.76 0.50 0.00	41.81 0.58 0.00	40.35 0.71 0.00	39.35 0.54 0.00	40.10 0.67 0.00	39.38 0.62 0.00	41.20 0.21 0.00	43.94 0.22 0.00	52.77 0.42 0.00	61.50 1.38 0.00	53.75 1.46 0.00	51.20 1.49 0.00	47.09 1.28 0.00	43.63 0.90 0.00	42.46 0.96 -0.01
DANSKAMMER__1 23586	42.39 1.87 0.00	41.06 1.84 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.84 1.65 0.00	46.37 2.21 0.00	49.61 2.45 0.00	46.49 2.34 0.00	43.48 2.23 0.00	43.37 2.14 0.00	41.65 2.02 0.00	40.86 2.06 0.00	41.48 2.05 0.00	40.81 2.05 0.00	43.53 2.54 0.00	46.93 2.76 -0.46	55.65 3.30 0.00	63.78 3.67 0.00	55.54 3.24 0.00	52.66 2.93 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.82 2.32 0.00
DANSKAMMER__2 23589	42.39 1.87 0.00	41.06 1.84 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.84 1.65 0.00	46.37 2.21 0.00	49.61 2.45 0.00	46.49 2.34 0.00	43.48 2.23 0.00	43.37 2.14 0.00	41.65 2.02 0.00	40.86 2.06 0.00	41.48 2.05 0.00	40.81 2.05 0.00	43.53 2.54 0.00	46.93 2.76 -0.46	55.65 3.30 0.00	63.78 3.67 0.00	55.54 3.24 0.00	52.66 2.93 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.82 2.32 0.00
DANSKAMMER__3 23590	42.39 1.87 0.00	41.06 1.84 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.84 1.65 0.00	46.37 2.21 0.00	49.61 2.45 0.00	46.49 2.34 0.00	43.48 2.23 0.00	43.37 2.14 0.00	41.65 2.02 0.00	40.86 2.06 0.00	41.48 2.05 0.00	40.81 2.05 0.00	43.53 2.54 0.00	46.93 2.76 -0.46	55.65 3.30 0.00	63.78 3.67 0.00	55.54 3.24 0.00	52.66 2.93 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.82 2.32 0.00

DANSKAMMER___4 23591	42.39 1.87 0.00	41.06 1.84 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.84 1.65 0.00	46.37 2.21 0.00	49.61 2.45 0.00	46.49 2.34 0.00	43.48 2.23 0.00	43.37 2.14 0.00	41.65 2.02 0.00	40.86 2.06 0.00	41.48 2.05 0.00	40.81 2.05 0.00	43.53 2.54 0.00	46.93 2.76 -0.46	55.65 3.30 0.00	63.78 3.67 0.00	55.54 3.24 0.00	52.66 2.93 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.82 2.32 0.00
DANSKAMMER___DIESEL 23592	42.43 1.90 0.00	41.06 1.84 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.33 2.16 0.00	49.80 2.64 0.00	46.76 2.60 0.00	43.73 2.48 0.00	43.66 2.43 0.00	41.89 2.26 0.00	40.94 2.13 0.00	41.72 2.29 0.00	40.97 2.21 0.00	43.49 2.50 0.00	46.94 2.75 -0.47	55.65 3.30 0.00	63.72 3.61 0.00	55.53 3.24 0.00	52.76 3.03 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.90 2.41 0.00
DARBY___SOLAR 323810	43.04 2.51 0.00	41.73 2.51 0.00	38.80 2.27 0.00	36.60 2.14 0.00	39.24 2.33 0.00	42.72 2.53 0.00	47.38 3.22 0.00	50.51 3.35 0.00	47.11 2.96 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.01 2.38 0.00	41.13 2.33 0.00	41.68 2.25 0.00	41.04 2.29 0.00	43.74 2.75 0.00	51.30 3.28 -4.30	56.23 3.87 0.00	64.56 4.45 0.00	56.11 3.82 0.00	53.73 3.93 -0.09	49.34 3.53 0.00	45.94 3.21 0.00	44.40 2.90 0.00
DASHVILLE___HYD 23610	42.15 1.62 0.00	40.79 1.57 0.00	38.00 1.46 0.00	35.74 1.28 0.00	38.24 1.33 0.00	41.60 1.41 0.00	45.88 1.72 0.00	49.23 2.07 0.00	46.18 2.03 0.00	43.16 1.90 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.40 1.59 0.00	41.16 1.73 0.00	40.42 1.67 0.00	42.92 1.93 0.00	45.98 1.62 -0.65	54.97 2.62 0.00	62.94 2.83 0.00	54.91 2.61 0.00	51.77 2.04 -0.01	48.05 2.24 0.00	44.87 2.14 0.00	43.57 2.07 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.68 2.15 0.00	41.92 2.71 0.00	39.13 2.59 0.00	36.67 2.21 0.00	39.42 2.51 0.00	41.96 1.77 0.00	46.86 2.69 0.00	50.17 3.02 0.00	47.11 2.96 0.00	44.52 3.26 0.00	44.53 3.30 0.00	42.68 3.05 0.00	41.41 2.60 0.00	42.15 2.72 0.00	40.93 2.17 0.00	43.62 2.62 0.00	46.46 2.27 -0.47	55.70 3.35 0.00	64.44 4.33 0.00	56.01 3.71 0.00	55.28 3.68 -1.89	48.83 3.02 0.00	45.30 2.56 0.00	44.07 2.57 0.00
DELAWARE___LFGE 323621	41.62 1.09 0.00	40.32 1.10 0.00	37.52 0.99 0.00	35.36 0.90 0.00	37.91 1.00 0.00	41.32 1.13 0.00	45.49 1.32 0.00	48.71 1.56 0.00	45.65 1.50 0.00	42.62 1.36 0.00	42.55 1.32 0.00	40.86 1.23 0.00	39.93 1.13 0.00	40.65 1.22 0.00	39.92 1.16 0.00	42.34 1.35 0.00	45.88 1.53 -0.63	54.18 1.83 0.00	62.22 2.10 0.00	54.12 1.83 0.00	51.52 1.79 -0.01	47.46 1.65 0.00	44.23 1.50 0.00	42.91 1.41 0.00
DERFIELD_115KV_TB7 355931	40.85 0.32 0.00	39.57 0.35 0.00	36.87 0.33 0.00	34.74 0.28 0.00	37.21 0.30 0.00	40.47 0.28 0.00	44.47 0.31 0.00	47.53 0.38 0.00	44.55 0.40 0.00	41.63 0.37 0.00	41.64 0.41 0.00	39.99 0.36 0.00	39.12 0.31 0.00	39.78 0.35 0.00	39.07 0.31 0.00	41.36 0.37 0.00	44.11 0.39 0.00	52.88 0.52 0.00	60.72 0.60 0.00	52.82 0.52 0.00	50.21 0.50 0.00	46.27 0.46 0.00	43.16 0.43 0.00	41.91 0.41 0.00
DOGLEVILLE___HYD 23807	40.29 -0.24 0.00	39.18 -0.04 0.00	36.68 0.15 0.00	34.71 0.24 0.00	37.21 0.29 0.00	40.51 0.32 0.00	44.38 0.22 0.00	47.39 0.24 0.00	44.42 0.27 0.00	41.51 0.25 0.00	41.52 0.29 0.00	39.95 0.32 0.00	38.96 0.16 0.00	39.51 0.08 0.00	38.68 -0.08 0.00	40.87 -0.12 0.00	43.50 -0.22 0.00	51.99 -0.36 0.00	59.76 -0.36 0.00	51.98 -0.31 0.00	49.32 -0.40 0.00	45.40 -0.41 0.00	42.35 -0.39 0.00	41.04 -0.46 0.00
DUNKIRK___115KV_TB_200 55889	39.60 -0.93 0.00	37.85 -1.37 0.00	35.11 -1.42 0.00	33.19 -1.28 0.00	35.77 -1.14 0.00	39.15 -1.04 0.00	43.50 -0.66 0.00	45.74 -1.41 0.00	42.65 -1.50 0.00	39.36 -1.90 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.02 -1.79 0.00	37.44 -1.97 0.02	36.86 -1.90 0.00	38.86 -2.13 0.00	41.42 -2.40 -0.10	48.67 -3.66 0.02	55.65 -4.45 0.02	48.45 -3.82 0.03	47.06 -2.63 0.02	43.88 -1.92 0.00	40.85 -1.88 0.00	40.21 -1.29 0.00
DUNKIRK___1 23563	39.60 -0.93 0.00	37.85 -1.37 0.00	35.11 -1.42 0.00	33.19 -1.28 0.00	35.77 -1.14 0.00	39.15 -1.04 0.00	43.50 -0.66 0.00	45.74 -1.41 0.00	42.65 -1.50 0.00	39.36 -1.90 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.02 -1.79 0.00	37.44 -1.97 0.02	36.86 -1.90 0.00	38.86 -2.13 0.00	41.42 -2.40 -0.10	48.67 -3.66 0.02	55.65 -4.45 0.02	48.45 -3.82 0.03	47.06 -2.63 0.02	43.88 -1.92 0.00	40.85 -1.88 0.00	40.21 -1.29 0.00
DUNKIRK___2 23564	39.60 -0.93 0.00	37.85 -1.37 0.00	35.11 -1.42 0.00	33.19 -1.28 0.00	35.77 -1.14 0.00	39.15 -1.04 0.00	43.50 -0.66 0.00	45.74 -1.41 0.00	42.65 -1.50 0.00	39.36 -1.90 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.02 -1.79 0.00	37.44 -1.97 0.02	36.86 -1.90 0.00	38.86 -2.13 0.00	41.42 -2.40 -0.10	48.67 -3.66 0.02	55.65 -4.45 0.02	48.45 -3.82 0.03	47.06 -2.63 0.02	43.88 -1.92 0.00	40.85 -1.88 0.00	40.21 -1.29 0.00
DUNKIRK___3 23565	39.56 -0.97 0.00	37.81 -1.41 0.00	35.08 -1.46 0.00	33.16 -1.31 0.00	35.73 -1.18 0.00	39.11 -1.09 0.00	43.45 -0.71 0.00	45.69 -1.46 0.00	42.61 -1.55 0.00	39.32 -1.94 0.00	39.29 -1.94 0.00	37.77 -1.86 0.00	37.02 -1.79 0.00	37.44 -1.97 0.02	36.86 -1.90 0.00	38.86 -2.13 0.00	41.31 -2.40 0.00	48.67 -3.66 0.02	55.64 -4.45 0.02	48.39 -3.87 0.03	47.01 -2.68 0.02	43.84 -1.97 0.00	40.81 -1.92 0.00	40.17 -1.33 0.00
DUNKIRK___4 23566	39.56 -0.97 0.00	37.81 -1.41 0.00	35.08 -1.46 0.00	33.16 -1.31 0.00	35.73 -1.18 0.00	39.11 -1.09 0.00	43.45 -0.71 0.00	45.69 -1.46 0.00	42.61 -1.55 0.00	39.32 -1.94 0.00	39.29 -1.94 0.00	37.77 -1.86 0.00	37.02 -1.79 0.00	37.44 -1.97 0.02	36.86 -1.90 0.00	38.86 -2.13 0.00	41.31 -2.40 0.00	48.67 -3.66 0.02	55.64 -4.45 0.02	48.39 -3.87 0.03	47.01 -2.68 0.02	43.84 -1.97 0.00	40.81 -1.92 0.00	40.17 -1.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.43 1.90 0.00	41.06 1.84 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.28 2.12 0.00	49.89 2.74 0.00	46.93 2.78 0.00	44.02 2.76 0.00	43.95 2.72 0.00	42.17 2.54 0.00	41.17 2.37 0.00	41.99 2.56 0.00	41.16 2.40 0.00	43.74 2.75 0.00	47.03 2.84 -0.47	55.70 3.35 0.00	63.78 3.67 0.00	55.59 3.29 0.00	52.86 3.13 -0.01	48.69 2.89 0.00	45.38 2.65 0.00	44.03 2.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.11 1.58 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.71 1.24 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.97 1.81 0.00	49.42 2.26 0.00	46.40 2.25 0.00	43.40 2.15 0.00	43.33 2.10 0.00	41.57 1.94 0.00	40.63 1.82 0.00	41.40 1.97 0.00	40.62 1.86 0.00	43.16 2.17 0.00	46.53 2.36 -0.46	55.13 2.77 0.00	63.18 3.07 0.00	55.06 2.77 0.00	52.31 2.59 -0.01	48.19 2.38 0.00	44.91 2.18 0.00	43.57 2.07 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.69 2.15 -0.01	41.30 2.08 -0.01	38.48 1.94 -0.01	36.23 1.76 -0.01	38.84 1.92 -0.01	42.13 1.93 -0.01	46.37 2.21 0.00	50.08 2.92 0.00	47.07 2.91 0.00	44.24 2.97 -0.01	44.21 2.97 -0.01	42.37 2.73 -0.01	41.37 2.56 -0.01	42.16 2.72 -0.01	41.32 2.56 -0.01	43.95 2.95 -0.01	47.26 3.06 -0.48	56.07 3.72 0.00	64.08 3.97 0.00	55.95 3.66 0.00	53.15 3.43 -0.01	49.01 3.21 0.00	45.77 3.03 -0.01	44.28 2.78 -0.01
E179THST_13_KV_LOAD 356214	42.85 2.31 -0.01	41.42 2.20 -0.01	38.63 2.08 -0.01	36.37 1.90 -0.01	38.95 2.03 -0.01	42.25 2.05 -0.01	46.55 2.38 0.00	50.27 3.11 0.00	47.24 3.09 0.00	44.40 3.14 -0.01	44.37 3.13 -0.01	42.53 2.89 -0.01	41.53 2.72 -0.01	42.36 2.92 -0.01	41.52 2.75 -0.01	44.12 3.12 -0.01	47.43 3.23 -0.48	56.33 3.98 0.00	64.38 4.27 0.00	56.21 3.92 0.00	53.40 3.68 -0.01	49.24 3.44 0.00	45.94 3.20 -0.01	44.45 2.95 -0.01
EAST HAMPTON___GT 23717	42.23 1.70 0.00	41.53 2.31 0.00	38.80 2.27 0.00	36.33 1.86 0.00	39.05 2.14 0.00	41.56 1.37 0.00	46.77 2.60 0.00	49.61 2.45 0.00	46.49 2.34 0.00	44.02 2.76 0.00	43.58 2.35 0.00	41.89 2.26 0.00	40.98 2.17 0.00	41.24 1.81 0.00	40.27 1.51 0.00	43.12 2.13 0.00	45.74 1.57 -0.46	54.97 2.62 0.00	63.78 3.67 0.00	55.32 3.03 0.00	54.53 2.93 -1.89	48.19 2.38 0.00	44.74 2.01 0.00	43.61 2.12 0.00
EAST RIVER___6 23660	42.56 2.03 0.00	41.14 1.92 0.00	38.33 1.79 0.00	35.98 1.51 0.00	38.54 1.62 0.00	41.92 1.73 0.00	46.32 2.16 0.00	49.80 2.64 0.00	46.71 2.56 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.09 2.46 0.00	41.29 2.49 0.00	41.91 2.49 0.00	41.20 2.44 0.00	43.95 2.95 0.00	47.19 3.01 -0.46	55.96 3.61 0.00	64.14 4.03 0.00	55.80 3.50 0.00	52.95 3.23 -0.01	48.83 3.02 0.00	45.64 2.91 0.00	44.11 2.62 0.00
EAST RIVER___7 23524	42.56 2.03 0.00	41.14 1.92 0.00	38.33 1.79 0.00	35.98 1.51 0.00	38.54 1.62 0.00	41.92 1.73 0.00	46.32 2.16 0.00	49.80 2.64 0.00	46.71 2.56 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.09 2.46 0.00	41.29 2.49 0.00	41.91 2.49 0.00	41.20 2.44 0.00	43.95 2.95 0.00	47.19 3.01 -0.46	55.96 3.61 0.00	64.14 4.03 0.00	55.80 3.50 0.00	52.95 3.23 -0.01	48.83 3.02 0.00	45.64 2.91 0.00	44.11 2.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.35 1.82 0.00	40.98 1.76 0.00	38.18 1.64 0.00	35.91 1.45 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.19 2.03 0.00	49.80 2.64 0.00	46.80 2.65 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.05 2.42 0.00	41.06 2.25 0.00	41.87 2.44 0.00	41.04 2.29 0.00	43.62 2.62 0.00	46.94 2.75 -0.47	55.60 3.25 0.00	63.66 3.55 0.00	55.48 3.19 0.00	52.76 3.03 -0.01	48.56 2.75 0.00	45.30 2.56 0.00	43.94 2.45 0.00
EAST_HAMPTON___DIESEL 23722	42.15 1.62 0.00	41.45 2.23 0.00	38.73 2.19 0.00	36.26 1.79 0.00	38.98 2.07 0.00	41.48 1.29 0.00	46.63 2.47 0.00	49.51 2.36 0.00	46.40 2.25 0.00	43.94 2.68 0.00	43.50 2.27 0.00	41.81 2.18 0.00	40.90 2.09 0.00	41.16 1.73 0.00	40.19 1.43 0.00	43.00 2.01 0.00	45.66 1.49 -0.46	54.81 2.46 0.00	63.66 3.55 0.00	55.17 2.87 0.00	54.38 2.78 -1.89	48.05 2.24 0.00	44.61 1.88 0.00	43.53 2.03 0.00
EAST_POINT___SOLAR 323840	43.32 2.79 0.00	42.00 2.78 0.00	39.02 2.49 0.00	36.81 2.34 0.00	39.61 2.69 0.00	43.16 2.97 0.00	47.91 3.75 0.00	51.12 3.96 0.00	46.58 2.43 0.00	42.70 1.44 0.00	42.18 0.95 0.00	40.19 0.55 0.00	39.27 0.47 0.00	39.86 0.43 0.00	39.30 0.54 0.00	42.30 1.31 0.00	51.15 3.01 -4.42	56.80 4.45 0.00	65.64 5.53 0.00	57.00 4.71 0.00	54.63 4.82 -0.10	50.16 4.35 0.00	46.45 3.72 0.00	44.77 3.28 0.00
EAST_PULASKI___ESR 323781	40.82 0.29 0.00	39.30 0.08 0.00	36.57 0.04 0.00	34.43 -0.03 0.00	36.95 0.04 0.00	40.31 0.12 0.00	44.43 0.27 0.00	47.58 0.42 0.00	44.46 0.31 0.00	41.42 0.17 0.00	41.40 0.17 0.00	39.87 0.24 0.00	38.96 0.16 0.00	39.71 0.28 0.00	38.99 0.23 0.00	40.91 -0.08 0.00	43.63 -0.09 0.00	52.35 0.00 0.00	60.72 0.60 0.00	53.02 0.73 0.00	50.51 0.79 0.00	46.45 0.64 0.00	43.07 0.34 0.00	41.91 0.41 0.00
EAST_RIVER___1 323558	42.56 2.03 0.00	41.14 1.92 0.00	38.33 1.79 0.00	36.02 1.55 0.00	38.54 1.62 0.00	41.92 1.73 0.00	46.32 2.16 0.00	49.80 2.64 0.00	46.71 2.56 0.00	43.94 2.68 0.00	43.83 2.60 0.00	42.09 2.46 0.00	41.29 2.49 0.00	41.91 2.49 0.00	41.20 2.44 0.00	43.95 2.95 0.00	47.19 3.01 -0.46	55.96 3.61 0.00	64.14 4.03 0.00	55.80 3.50 0.00	52.95 3.23 -0.01	48.88 3.07 0.00	45.64 2.91 0.00	44.11 2.62 0.00
EAST_RIVER___2 323559	42.56 2.03 0.00	41.14 1.92 0.00	38.33 1.79 0.00	35.98 1.51 0.00	38.54 1.62 0.00	41.92 1.73 0.00	46.32 2.16 0.00	49.80 2.64 0.00	46.71 2.56 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.09 2.46 0.00	41.29 2.49 0.00	41.91 2.49 0.00	41.20 2.44 0.00	43.95 2.95 0.00	47.19 3.01 -0.46	55.96 3.61 0.00	64.14 4.03 0.00	55.80 3.50 0.00	52.95 3.23 -0.01	48.83 3.02 0.00	45.64 2.91 0.00	44.11 2.62 0.00
EAST___DELAWARE_HYD 23607	42.31 1.78 0.00	40.94 1.72 0.00	38.14 1.61 0.00	35.88 1.41 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.32 2.16 0.00	49.56 2.40 0.00	46.36 2.21 0.00	43.20 1.94 0.00	43.09 1.86 0.00	41.37 1.74 0.00	40.55 1.75 0.00	41.24 1.81 0.00	40.54 1.78 0.00	43.20 2.21 0.00	46.75 2.58 -0.46	55.55 3.19 0.00	63.72 3.61 0.00	55.48 3.19 0.00	52.56 2.83 -0.01	48.51 2.70 0.00	45.17 2.43 0.00	43.69 2.20 0.00
EIGHT_POINT___WT_PWR 323820	39.84 -0.69 0.00	38.12 -1.10 0.00	35.37 -1.17 0.00	33.33 -1.14 0.00	35.92 -0.99 0.00	39.47 -0.72 0.00	43.72 -0.44 0.00	46.07 -1.08 0.00	42.70 -1.46 0.00	39.40 -1.86 0.00	39.21 -2.02 0.00	37.49 -2.14 0.00	36.40 -2.41 0.00	37.32 -2.25 -0.13	36.51 -2.25 0.00	38.49 -2.50 0.00	41.30 -2.54 -0.12	49.29 -3.20 -0.13	56.40 -3.85 -0.13	49.46 -3.03 -0.20	47.57 -2.29 -0.14	43.79 -2.01 0.00	40.64 -2.09 0.00	40.04 -1.45 0.00
ELBRIDGE_115KV_TB2 80188	40.00 -0.53 0.00	38.55 -0.67 0.00	35.88 -0.66 0.00	33.84 -0.62 0.00	36.36 -0.55 0.00	39.59 -0.60 0.00	43.59 -0.57 0.00	46.40 -0.75 0.00	43.40 -0.75 0.00	40.43 -0.83 0.00	40.37 -0.87 0.00	38.84 -0.79 0.00	38.07 -0.74 0.00	38.72 -0.71 0.00	38.10 -0.66 0.00	40.21 -0.78 0.00	42.89 -0.83 0.00	51.30 -1.05 0.00	59.03 -1.08 0.00	51.46 -0.84 0.00	48.92 -0.80 0.00	45.12 -0.69 0.00	41.96 -0.77 0.00	40.75 -0.75 0.00
ELEC_TRO_TEK 24086	42.72 2.19 0.00	41.41 2.20 0.00	38.58 2.05 0.00	36.22 1.76 0.00	38.83 1.92 0.00	42.08 1.89 0.00	46.68 2.52 0.00	50.32 3.16 0.00	47.29 3.13 0.00	44.39 3.14 0.00	44.37 3.13 0.00	42.49 2.85 0.00	41.44 2.64 0.00	42.23 2.80 0.00	41.20 2.44 0.00	43.82 2.83 0.00	47.16 2.97 -0.47	56.07 3.72 0.00	64.38 4.27 0.00	56.11 3.82 0.00	55.38 3.78 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.32 2.82 0.00

ELLENBURG_WT_PWR 323604	39.52 -1.01 0.00	38.36 -0.86 0.00	35.92 -0.62 0.00	34.05 -0.41 0.00	36.47 -0.44 0.00	39.83 -0.36 0.00	43.85 -0.31 0.00	46.69 -0.47 0.00	43.53 -0.62 0.00	40.68 -0.58 0.00	40.82 -0.41 0.00	39.40 -0.24 0.00	38.65 -0.15 0.00	39.19 -0.24 0.00	38.41 -0.35 0.00	40.46 -0.53 0.00	43.06 -0.65 0.00	51.30 -1.05 0.00	58.79 -1.32 0.00	50.62 -1.68 0.00	47.93 -1.79 0.00	44.07 -1.74 0.00	41.11 -1.62 0.00	39.82 -1.66 0.01
ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.15 -1.38 0.00	37.45 -1.76 0.00	34.75 -1.79 0.00	32.88 -1.59 0.00	35.40 -1.51 0.00	38.74 -1.45 0.00	42.97 -1.19 0.00	45.18 -1.98 0.00	42.17 -1.99 0.00	38.95 -2.31 0.00	38.96 -2.27 0.00	37.45 -2.18 0.00	36.79 -2.02 0.00	37.12 -2.29 0.03	36.59 -2.17 0.00	38.57 -2.42 0.00	41.01 -2.71 0.00	48.24 -4.08 0.03	55.28 -4.81 0.03	48.17 -4.08 0.04	46.51 -3.18 0.03	43.38 -2.43 0.00	40.42 -2.31 0.00	39.75 -1.74 0.00
EMPIRE_CC_1 323656	41.74 1.21 0.00	40.44 1.22 0.00	37.67 1.13 0.00	35.50 1.03 0.00	38.02 1.11 0.00	41.31 1.12 0.00	44.91 0.75 0.00	47.91 0.75 0.00	44.86 0.70 0.00	42.00 0.74 0.00	41.93 0.70 0.00	40.35 0.71 0.00	39.54 0.74 0.00	40.10 0.67 0.00	39.46 0.70 0.00	41.89 0.90 0.00	45.83 0.96 -1.16	54.08 1.73 0.00	61.92 1.80 0.00	53.97 1.67 0.00	51.33 1.59 -0.03	47.27 1.47 0.00	44.36 1.62 0.00	42.99 1.49 0.00
EMPIRE_CC_2 323658	41.74 1.21 0.00	40.44 1.22 0.00	37.67 1.13 0.00	35.50 1.03 0.00	38.02 1.11 0.00	41.31 1.12 0.00	44.91 0.75 0.00	47.91 0.75 0.00	44.86 0.70 0.00	42.00 0.74 0.00	41.93 0.70 0.00	40.35 0.71 0.00	39.54 0.74 0.00	40.10 0.67 0.00	39.46 0.70 0.00	41.89 0.90 0.00	45.83 0.96 -1.16	54.08 1.73 0.00	61.92 1.80 0.00	53.97 1.67 0.00	51.33 1.59 -0.03	47.27 1.47 0.00	44.36 1.62 0.00	42.99 1.49 0.00
ENORWICH_115KV_TB1 80156	43.16 2.63 0.00	41.65 2.43 0.00	38.88 2.34 0.00	36.64 2.17 0.00	39.35 2.44 0.00	43.12 2.93 0.00	47.91 3.75 0.00	51.16 4.01 0.00	47.77 3.62 0.00	44.11 2.85 0.00	43.91 2.68 0.00	42.21 2.58 0.00	41.10 2.29 0.00	41.76 2.33 -0.01	41.01 2.25 0.00	43.53 2.54 0.00	46.94 2.93 -0.30	55.92 3.56 -0.01	64.99 4.87 -0.01	56.33 4.03 -0.01	53.56 3.83 -0.01	49.24 3.44 0.00	45.59 2.86 0.00	44.15 2.66 0.00
ERIE_ST__34_KV_TB1-2 80199	39.96 -0.57 0.00	38.28 -0.94 0.00	35.48 -1.06 0.00	33.57 -0.90 0.00	36.18 -0.74 0.00	39.63 -0.56 0.00	44.03 -0.13 0.00	46.31 -0.85 0.00	43.22 -0.93 0.00	39.90 -1.36 0.00	39.91 -1.32 0.00	38.36 -1.27 0.00	37.60 -1.20 0.00	38.03 -1.38 0.02	37.44 -1.32 0.00	39.52 -1.48 0.00	41.97 -1.75 0.00	49.14 -3.19 0.02	55.76 -4.33 0.02	48.13 -4.13 0.03	47.55 -2.14 0.02	44.39 -1.42 0.00	41.32 -1.41 0.00	40.62 -0.87 0.00
ERIE_WT_PWR 323693	39.48 -1.05 0.00	37.77 -1.45 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.73 -1.18 0.00	39.19 -1.00 0.00	43.28 -0.88 0.00	45.22 -1.94 0.00	42.25 -1.90 0.00	39.49 -1.77 0.00	39.54 -1.69 0.00	37.93 -1.70 0.00	36.75 -2.06 0.00	37.67 -1.73 0.02	37.05 -1.70 0.00	38.94 -2.05 0.00	41.35 -2.36 0.00	48.87 -3.46 0.02	55.40 -4.69 0.02	48.39 -3.87 0.04	47.16 -2.53 0.02	43.79 -2.01 0.00	40.81 -1.92 0.00	40.71 -0.79 0.00
ESPRGFLD_115KV_TB1 80157	42.31 1.78 0.00	40.94 1.73 0.00	38.11 1.57 0.00	35.91 1.45 0.00	38.58 1.66 0.00	42.08 1.89 0.00	46.59 2.43 0.00	49.89 2.74 0.00	46.40 2.25 0.00	42.99 1.73 0.00	42.84 1.61 0.00	41.06 1.43 0.00	40.16 1.36 0.00	40.85 1.42 0.00	40.15 1.40 0.00	42.75 1.76 0.00	49.09 2.23 -3.15	55.28 2.93 0.00	63.84 3.73 0.00	55.43 3.14 0.00	52.92 3.13 -0.07	48.65 2.84 0.00	45.17 2.44 0.00	43.65 2.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.06 0.53 0.00	39.57 0.35 0.00	36.83 0.29 0.00	34.71 0.24 0.00	37.28 0.37 0.00	40.71 0.52 0.00	44.91 0.75 0.00	47.91 0.75 0.00	44.77 0.62 0.00	41.59 0.33 0.00	41.48 0.25 0.00	39.87 0.24 0.00	39.04 0.23 0.00	39.68 0.24 -0.01	38.99 0.23 0.00	41.28 0.29 0.00	44.25 0.39 -0.15	52.83 0.47 -0.01	60.91 0.78 -0.01	53.09 0.78 -0.02	50.58 0.85 -0.01	46.59 0.78 0.00	43.24 0.51 0.00	41.99 0.50 0.00
ETNA____115KV_TB2 80207	41.06 0.53 0.00	39.57 0.35 0.00	36.83 0.29 0.00	34.71 0.24 0.00	37.28 0.37 0.00	40.71 0.52 0.00	44.91 0.75 0.00	47.91 0.75 0.00	44.77 0.62 0.00	41.59 0.33 0.00	41.48 0.25 0.00	39.87 0.24 0.00	39.04 0.23 0.00	39.68 0.24 -0.01	38.99 0.23 0.00	41.28 0.29 0.00	44.25 0.39 -0.15	52.83 0.47 -0.01	60.91 0.78 -0.01	53.09 0.78 -0.02	50.58 0.85 -0.01	46.59 0.78 0.00	43.24 0.51 0.00	41.99 0.50 0.00
EUCLID____115KV_TB2 356179	39.76 -0.77 0.00	38.36 -0.86 0.00	35.70 -0.84 0.00	33.67 -0.79 0.00	36.14 -0.78 0.00	39.35 -0.84 0.00	43.32 -0.84 0.00	46.07 -1.08 0.00	43.09 -1.06 0.00	40.23 -1.03 0.00	40.16 -1.07 0.00	38.64 -0.99 0.00	37.87 -0.93 0.00	38.48 -0.95 0.00	37.87 -0.89 0.00	40.01 -0.98 0.00	42.62 -1.09 0.00	50.99 -1.36 0.00	58.67 -1.44 0.00	51.14 -1.15 0.00	48.57 -1.14 0.00	44.80 -1.01 0.00	41.71 -1.03 0.00	40.46 -1.04 0.00
E_CANADA_CAP_HY 24051	42.84 2.31 0.00	41.49 2.27 0.00	38.58 2.04 0.00	36.39 1.93 0.00	39.09 2.18 0.00	42.60 2.41 0.00	47.21 3.04 0.00	50.41 3.25 0.00	46.53 2.38 0.00	43.03 1.77 0.00	42.76 1.53 0.00	40.90 1.27 0.00	40.05 1.24 0.00	40.65 1.22 0.00	40.03 1.28 0.00	42.75 1.76 0.00	50.31 2.49 -4.11	55.91 3.56 0.00	64.56 4.45 0.00	56.06 3.77 0.00	53.68 3.88 -0.09	49.38 3.58 0.00	45.77 3.03 0.00	44.19 2.70 0.00
E_CANADA_MHWK_HY 24050	40.29 -0.24 0.00	39.18 -0.04 0.00	36.68 0.15 0.00	34.71 0.24 0.00	37.21 0.29 0.00	40.51 0.32 0.00	44.38 0.22 0.00	47.39 0.24 0.00	44.42 0.27 0.00	41.51 0.25 0.00	41.52 0.29 0.00	39.95 0.32 0.00	38.96 0.16 0.00	39.51 0.08 0.00	38.68 -0.08 0.00	40.87 -0.12 0.00	43.50 -0.22 0.00	51.99 -0.36 0.00	59.76 -0.36 0.00	51.98 -0.31 0.00	49.32 -0.40 0.00	45.40 -0.41 0.00	42.35 -0.39 0.00	41.04 -0.46 0.00
E_FISHKILL____LBMP 23776	42.11 1.58 0.00	40.75 1.53 0.00	37.96 1.42 0.00	35.74 1.28 0.00	38.24 1.33 0.00	41.60 1.41 0.00	45.93 1.77 0.00	49.42 2.26 0.00	46.45 2.30 0.00	43.57 2.31 0.00	43.50 2.27 0.00	41.69 2.06 0.00	40.75 1.94 0.00	41.52 2.09 0.00	40.73 1.98 0.00	43.25 2.25 0.00	46.60 2.40 -0.48	55.13 2.77 0.00	63.12 3.01 0.00	55.01 2.72 0.00	52.31 2.59 -0.01	48.14 2.34 0.00	44.95 2.22 0.00	43.61 2.12 0.00
FALCON____SEABRD_CC1 323796	39.39 -1.13 0.00	38.28 -0.94 0.00	35.95 -0.59 0.00	34.23 -0.24 0.00	36.77 -0.15 0.00	40.27 0.08 0.00	44.34 0.18 0.00	47.06 -0.09 0.00	43.85 -0.31 0.00	40.93 -0.33 0.00	41.11 -0.12 0.00	39.71 0.08 0.00	39.04 0.23 0.00	39.59 0.16 0.00	38.72 -0.04 0.00	40.75 -0.24 0.00	43.32 -0.39 0.00	51.46 -0.89 0.00	58.85 -1.27 0.00	50.41 -1.88 0.00	47.58 -2.14 0.00	43.66 -2.15 0.00	40.64 -2.09 0.00	39.28 -2.20 0.01

FALCON___SEABRD_CC2 323797	39.39 -1.13 0.00	38.28 -0.94 0.00	35.95 -0.59 0.00	34.23 -0.24 0.00	36.77 -0.15 0.00	40.27 0.08 0.00	44.34 0.18 0.00	47.06 -0.09 0.00	43.85 -0.31 0.00	40.93 -0.33 0.00	41.11 -0.12 0.00	39.71 0.08 0.00	39.04 0.23 0.00	39.59 0.16 0.00	38.72 -0.04 0.00	40.75 -0.24 0.00	43.32 -0.39 0.00	51.46 -0.89 0.00	58.85 -1.27 0.00	50.41 -1.88 0.00	47.58 -2.14 0.00	43.66 -2.15 0.00	40.64 -2.09 0.00	39.28 -2.20 0.01
FAR ROCKAWAY___4 23548	43.16 2.63 0.00	41.81 2.59 0.00	38.95 2.41 0.00	36.53 2.07 0.00	39.20 2.29 0.00	42.48 2.29 0.00	47.21 3.05 0.00	50.88 3.73 0.00	47.77 3.62 0.00	44.81 3.55 0.00	44.78 3.55 0.00	42.88 3.25 0.00	41.79 2.99 0.00	42.62 3.19 0.00	41.59 2.83 0.00	44.27 3.28 0.00	47.69 3.50 -0.47	56.75 4.40 0.00	65.22 5.11 0.00	56.84 4.55 0.00	56.08 4.47 -1.89	49.79 3.99 0.00	46.28 3.55 0.00	44.86 3.36 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.23 2.97 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.19 2.76 0.00	41.35 2.60 0.00	43.94 2.95 0.00	47.25 3.06 -0.47	55.96 3.61 0.00	64.02 3.91 0.00	55.85 3.56 0.00	53.06 3.33 -0.01	48.88 3.07 0.00	45.64 2.91 0.00	44.28 2.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.64 2.11 0.00	41.18 1.96 0.00	38.36 1.83 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.23 2.97 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.19 2.76 0.00	41.35 2.60 0.00	43.94 2.95 0.00	47.25 3.06 -0.47	55.96 3.61 0.00	64.02 3.91 0.00	55.85 3.56 0.00	53.06 3.33 -0.01	48.88 3.07 0.00	45.64 2.91 0.00	44.28 2.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.23 2.97 0.00	44.20 2.97 0.00	42.37 2.73 0.00	41.37 2.56 0.00	42.19 2.76 0.00	41.35 2.60 0.00	43.94 2.95 0.00	47.21 3.02 -0.47	55.96 3.61 0.00	64.02 3.91 0.00	55.80 3.50 0.00	53.06 3.33 -0.01	48.83 3.02 0.00	45.64 2.91 0.00	44.24 2.74 0.00
FARRAGUT___LBMP 323566	42.56 2.03 0.00	41.14 1.92 0.00	38.29 1.75 0.00	36.02 1.55 0.00	38.54 1.62 0.00	41.96 1.77 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.19 2.93 0.00	44.16 2.93 0.00	42.33 2.69 0.00	41.33 2.52 0.00	42.15 2.72 0.00	41.32 2.56 0.00	43.90 2.91 0.00	47.16 2.97 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.74 3.45 0.00	53.01 3.28 -0.01	48.79 2.98 0.00	45.59 2.86 0.00	44.24 2.74 0.00
FENNER___WINDPWR 24204	41.30 0.77 0.00	39.84 0.63 0.00	37.12 0.58 0.00	34.98 0.52 0.00	37.50 0.59 0.00	40.91 0.72 0.00	45.09 0.93 0.00	48.19 1.04 0.00	45.17 1.02 0.00	42.08 0.82 0.00	42.06 0.82 0.00	40.42 0.79 0.00	39.50 0.70 0.00	40.26 0.83 0.00	39.53 0.77 0.00	41.73 0.74 0.00	44.59 0.87 0.00	53.40 1.05 0.00	61.62 1.50 0.00	53.60 1.31 0.00	51.01 1.29 0.00	46.95 1.15 0.00	43.67 0.94 0.00	42.45 0.96 0.00
FIBERTEK___ENERGY 23856	40.33 -0.20 0.00	38.87 -0.35 0.00	36.17 -0.37 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	43.94 -0.22 0.00	46.83 -0.33 0.00	43.80 -0.35 0.00	40.85 -0.41 0.00	40.78 -0.45 0.00	39.24 -0.40 0.00	38.50 -0.31 0.00	39.11 -0.32 0.00	38.52 -0.23 0.00	40.66 -0.33 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.69 -0.42 0.00	52.03 -0.26 0.00	49.47 -0.25 0.00	45.58 -0.23 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00
FITZPATRICK____ 23598	39.31 -1.21 0.00	37.92 -1.29 0.00	35.33 -1.20 0.00	33.33 -1.14 0.00	35.73 -1.18 0.00	38.90 -1.29 0.00	42.75 -1.41 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.90 -1.36 0.00	39.87 -1.36 0.00	38.28 -1.35 0.00	37.49 -1.32 0.00	38.13 -1.30 0.00	37.52 -1.24 0.00	39.43 -1.56 0.00	42.01 -1.71 0.00	50.26 -2.10 0.00	57.71 -2.41 0.00	50.36 -1.93 0.00	47.88 -1.84 0.00	44.07 -1.74 0.00	41.11 -1.62 0.00	40.00 -1.49 0.00
FLOWRFLD_69_KV_BK1 356044	43.00 2.47 0.00	41.96 2.75 0.00	39.17 2.63 0.00	36.71 2.24 0.00	39.42 2.51 0.00	42.32 2.13 0.00	47.16 3.00 0.00	50.65 3.49 0.00	47.55 3.40 0.00	44.72 3.47 0.00	44.78 3.55 0.00	42.88 3.25 0.00	41.68 2.87 0.00	42.47 3.04 0.00	41.28 2.52 0.00	44.03 3.03 0.00	47.16 2.97 -0.47	56.38 4.03 0.00	65.16 5.05 0.00	56.63 4.34 0.00	55.98 4.37 -1.89	49.56 3.76 0.00	45.98 3.25 0.00	44.48 2.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.47 1.95 0.00	41.10 1.88 0.00	38.29 1.75 0.00	36.02 1.55 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.41 2.25 0.00	49.94 2.78 0.00	46.85 2.69 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.97 2.34 0.00	41.02 2.21 0.00	41.80 2.37 0.00	41.04 2.29 0.00	43.62 2.62 0.00	47.07 2.89 -0.47	55.75 3.40 0.00	63.84 3.73 0.00	55.64 3.35 0.00	52.86 3.13 -0.01	48.69 2.89 0.00	45.34 2.61 0.00	43.99 2.49 0.00
FORT ORANGE____ 23900	42.11 1.58 0.00	40.83 1.61 0.00	38.00 1.46 0.00	35.85 1.38 0.00	38.39 1.48 0.00	41.76 1.57 0.00	45.75 1.59 0.00	48.81 1.65 0.00	45.61 1.45 0.00	42.58 1.32 0.00	42.51 1.28 0.00	40.82 1.19 0.00	40.01 1.20 0.00	40.57 1.14 0.00	39.92 1.16 0.00	42.43 1.43 0.00	47.09 1.53 -1.84	54.71 2.36 0.00	62.82 2.71 0.00	54.70 2.41 0.00	52.09 2.34 -0.04	47.92 2.11 0.00	44.74 2.01 0.00	43.37 1.87 0.00
FORT_DRUM_COGEN 23780	42.27 1.74 0.00	40.67 1.45 0.00	37.93 1.39 0.00	35.60 1.14 0.00	37.95 1.03 0.00	41.48 1.29 0.00	45.84 1.68 0.00	49.18 2.03 0.00	45.70 1.55 0.00	42.41 1.16 0.00	42.55 1.32 0.00	41.22 1.59 0.00	40.24 1.44 0.00	40.93 1.50 0.00	40.11 1.36 0.00	41.93 0.94 0.00	44.68 0.96 0.00	53.71 1.36 0.00	63.06 2.95 0.00	55.12 2.82 0.00	52.45 2.73 0.00	48.28 2.47 0.00	44.74 2.01 0.00	43.37 1.87 -0.01
FOX_HILLS___ESR 323835	59.41 2.51 -16.37	58.60 2.43 -16.95	38.87 2.23 -0.11	36.44 1.96 -0.01	38.99 2.07 -0.01	58.60 2.25 -16.16	57.62 2.61 -10.85	62.36 3.25 -11.95	62.51 3.31 -15.05	62.43 3.30 -17.87	61.00 3.26 -16.52	60.87 2.93 -18.30	60.75 2.76 -19.19	62.80 2.96 -20.41	60.87 2.79 -19.33	64.19 3.20 -20.00	63.81 3.41 -16.68	72.70 3.98 -16.37	69.93 4.21 -5.61	64.82 3.82 -8.71	64.86 3.63 -11.51	64.63 3.44 -15.39	63.94 3.25 -17.96	62.27 3.15 -17.62
FPL FAR_ROCK_GT1 24212	43.16 2.63 0.00	41.81 2.59 0.00	38.95 2.41 0.00	36.53 2.07 0.00	39.20 2.29 0.00	42.48 2.29 0.00	47.25 3.09 0.00	50.70 3.54 0.00	47.42 3.27 0.00	44.52 3.26 0.00	44.36 3.13 0.00	42.56 2.93 0.00	41.72 2.91 0.00	42.31 2.88 0.00	41.43 2.67 0.00	44.27 3.28 0.00	47.67 3.50 -0.46	56.75 4.40 0.00	65.34 5.23 0.00	56.84 4.55 0.00	56.02 4.42 -1.89	49.79 3.98 0.00	46.32 3.59 0.00	44.74 3.24 0.00



FPL FAR_ROCK_GT2 23815	43.16 2.63 0.00	41.81 2.59 0.00	38.95 2.41 0.00	36.53 2.07 0.00	39.20 2.29 0.00	42.48 2.29 0.00	47.25 3.09 0.00	50.70 3.54 0.00	47.42 3.27 0.00	44.52 3.26 0.00	44.36 3.13 0.00	42.56 2.93 0.00	41.72 2.91 0.00	42.31 2.88 0.00	41.43 2.67 0.00	44.27 3.28 0.00	47.67 3.50 -0.46	56.75 4.40 0.00	65.34 5.23 0.00	56.84 4.55 0.00	56.02 4.42 -1.89	49.79 3.98 0.00	46.32 3.59 0.00	44.74 3.24 0.00
FRANKLIN_FALL_HYD 24054	41.34 0.81 0.00	40.00 0.78 0.00	37.38 0.84 0.00	35.26 0.79 0.00	37.32 0.41 0.00	40.79 0.60 0.00	44.87 0.71 0.00	47.86 0.71 0.00	44.59 0.44 0.00	41.67 0.41 0.00	41.93 0.70 0.00	40.78 1.15 0.00	39.97 1.16 0.00	40.57 1.14 0.00	39.76 1.01 0.00	41.44 0.45 0.00	44.11 0.39 0.00	52.51 0.16 0.00	60.72 0.60 0.00	52.34 0.05 0.00	49.76 0.05 0.00	45.85 0.05 0.00	42.86 0.13 0.00	41.81 0.25 -0.06
FREEPORT_EQUS_GT1 23764	42.92 2.39 0.00	41.65 2.43 0.00	38.80 2.27 0.00	36.43 1.96 0.00	39.05 2.14 0.00	42.28 2.09 0.00	47.12 2.96 0.00	50.46 3.30 0.00	47.20 3.04 0.00	44.35 3.10 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.52 2.72 0.00	42.11 2.68 0.00	41.24 2.48 0.00	44.07 3.08 0.00	47.36 3.19 -0.46	56.38 4.03 0.00	64.98 4.87 0.00	56.53 4.23 0.00	55.78 4.18 -1.89	49.52 3.71 0.00	46.07 3.34 0.00	44.49 2.99 0.00
FREEPORT___CT2 23818	42.92 2.39 0.00	41.65 2.43 0.00	38.80 2.27 0.00	36.43 1.96 0.00	39.05 2.14 0.00	42.28 2.09 0.00	47.12 2.96 0.00	50.46 3.30 0.00	47.20 3.04 0.00	44.35 3.10 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.52 2.72 0.00	42.11 2.68 0.00	41.24 2.48 0.00	44.07 3.08 0.00	47.36 3.19 -0.46	56.38 4.03 0.00	64.98 4.87 0.00	56.53 4.23 0.00	55.78 4.18 -1.89	49.52 3.71 0.00	46.07 3.34 0.00	44.49 2.99 0.00
FRESHKLS_33_KV_LOAD 356253	59.37 2.47 -16.37	58.56 2.39 -16.95	38.87 2.23 -0.11	36.47 2.00 -0.01	38.99 2.07 -0.01	58.60 2.25 -16.16	57.57 2.56 -10.85	62.27 3.16 -11.95	62.38 3.18 -15.05	62.31 3.18 -17.87	60.92 3.17 -16.52	60.71 2.77 -18.30	60.55 2.60 -19.14	62.14 2.80 -19.91	60.59 2.64 -19.20	63.16 3.03 -19.13	63.68 3.28 -16.68	64.67 3.77 -8.55	69.75 4.03 -5.61	64.66 3.66 -8.71	64.76 3.53 -11.51	64.49 3.30 -15.39	63.86 3.16 -17.96	62.19 3.07 -17.62
FULTON COGEN____ 23766	40.37 -0.16 0.00	38.87 -0.35 0.00	36.21 -0.33 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	44.03 -0.13 0.00	46.97 -0.19 0.00	43.93 -0.22 0.00	40.93 -0.33 0.00	40.86 -0.37 0.00	39.32 -0.32 0.00	38.57 -0.23 0.00	39.23 -0.20 0.00	38.60 -0.16 0.00	40.66 -0.33 0.00	43.37 -0.35 0.00	51.93 -0.42 0.00	60.05 -0.06 0.00	52.34 0.05 0.00	49.76 0.05 0.00	45.85 0.05 0.00	42.52 -0.21 0.00	41.21 -0.29 0.00
FULTON___LFGE 323630	42.96 2.43 0.00	41.69 2.47 0.00	38.73 2.19 0.00	36.53 2.07 0.00	39.28 2.36 0.00	42.76 2.57 0.00	47.38 3.22 0.00	50.60 3.44 0.00	46.76 2.60 0.00	43.28 2.02 0.00	43.04 1.81 0.00	41.22 1.59 0.00	40.36 1.55 0.00	40.97 1.54 0.00	40.31 1.55 0.00	43.08 2.09 0.00	51.05 2.84 -4.49	56.23 3.87 0.00	64.93 4.81 0.00	56.37 4.08 0.00	54.04 4.22 -0.10	49.61 3.80 0.00	45.98 3.25 0.00	44.40 2.90 0.00
G.F.CEMENT___DRP 24184	43.81 3.28 0.00	42.51 3.29 0.00	39.50 2.96 0.00	37.26 2.79 0.00	40.05 3.14 0.00	43.61 3.42 0.00	48.53 4.37 0.00	51.87 4.72 0.00	48.35 4.19 0.00	45.01 3.75 0.00	44.98 3.75 0.00	42.96 3.33 0.00	42.03 3.22 0.00	42.58 3.15 0.00	41.97 3.22 0.00	44.64 3.65 0.00	52.29 4.24 -4.33	57.38 5.03 0.00	66.13 6.01 0.00	57.31 5.02 0.00	55.08 5.27 -0.09	50.53 4.72 0.00	46.88 4.14 0.00	45.27 3.78 0.00
GARDENVILLE___LBMP 24039	39.31 -1.22 0.00	37.61 -1.61 0.00	34.89 -1.64 0.00	33.02 -1.45 0.00	35.55 -1.37 0.00	38.90 -1.29 0.00	43.19 -0.97 0.00	45.41 -1.74 0.00	42.34 -1.81 0.00	39.11 -2.15 0.00	39.13 -2.10 0.00	37.61 -2.02 0.00	36.90 -1.90 0.00	37.28 -2.13 0.02	36.74 -2.02 0.00	38.74 -2.25 0.00	41.18 -2.54 0.00	48.40 -3.93 0.02	55.40 -4.69 0.02	48.18 -4.08 0.04	46.76 -2.93 0.02	43.61 -2.20 0.00	40.64 -2.09 0.00	39.92 -1.58 0.00
GARDNVLA_35_KV_LD 355827	39.60 -0.93 0.00	37.88 -1.33 0.00	35.15 -1.39 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.23 -0.96 0.00	43.59 -0.57 0.00	45.79 -1.37 0.00	42.74 -1.41 0.00	39.48 -1.77 0.00	39.50 -1.73 0.00	37.97 -1.66 0.00	37.25 -1.55 0.00	37.63 -1.77 0.02	37.09 -1.67 0.00	39.11 -1.89 0.00	41.57 -2.14 0.00	48.82 -3.51 0.02	55.82 -4.27 0.02	48.49 -3.77 0.03	47.16 -2.54 0.02	43.98 -1.83 0.00	40.98 -1.75 0.00	40.25 -1.24 0.00
GELCKHM___115KV_LOAD 80723	39.96 -0.57 0.00	38.51 -0.71 0.00	35.84 -0.69 0.00	33.78 -0.69 0.00	36.29 -0.63 0.00	39.51 -0.68 0.00	43.50 -0.66 0.00	46.31 -0.85 0.00	43.31 -0.84 0.00	40.43 -0.83 0.00	40.37 -0.87 0.00	38.84 -0.79 0.00	38.11 -0.70 0.00	38.72 -0.71 0.00	38.10 -0.66 0.00	40.25 -0.74 0.00	42.84 -0.87 0.00	51.30 -1.05 0.00	59.03 -1.08 0.00	51.40 -0.89 0.00	48.87 -0.85 0.00	45.08 -0.73 0.00	41.92 -0.81 0.00	40.71 -0.79 0.00
GENERAL___MILLS 23808	39.48 -1.05 0.00	37.77 -1.45 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	39.11 -1.09 0.00	43.41 -0.75 0.00	45.60 -1.56 0.00	42.56 -1.59 0.00	39.32 -1.94 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.10 -1.71 0.00	37.47 -1.93 0.02	36.94 -1.82 0.00	38.94 -2.05 0.00	41.36 -2.36 0.00	48.61 -3.72 0.02	55.58 -4.51 0.02	48.28 -3.97 0.04	46.96 -2.73 0.02	43.79 -2.02 0.00	40.81 -1.92 0.00	40.09 -1.41 0.00
GE_PLASTICS___DRP 24183	41.79 1.26 0.00	40.51 1.29 0.00	37.71 1.17 0.00	35.57 1.10 0.00	38.10 1.18 0.00	41.44 1.25 0.00	45.31 1.15 0.00	48.52 1.37 0.00	45.43 1.28 0.00	42.45 1.20 0.00	42.47 1.24 0.00	40.74 1.11 0.00	39.85 1.05 0.00	40.53 1.10 0.00	39.84 1.09 0.00	42.22 1.23 0.00	46.61 1.31 -1.58	54.24 1.88 0.00	62.22 2.10 0.00	54.18 1.88 0.00	51.54 1.79 -0.03	47.46 1.65 0.00	44.31 1.58 0.00	43.07 1.58 0.00
GILBOA___1 23756	41.50 0.97 0.00	40.31 1.10 0.00	37.56 1.02 0.00	35.40 0.93 0.00	37.91 1.00 0.00	41.23 1.04 0.00	45.18 1.02 0.00	48.24 1.09 0.00	45.21 1.06 0.00	42.29 1.03 0.00	42.22 0.99 0.00	40.54 0.91 0.00	39.74 0.93 0.00	40.34 0.91 0.00	39.69 0.93 0.00	42.14 1.15 0.00	45.25 1.27 -0.27	53.92 1.57 0.00	61.80 1.68 0.00	53.81 1.52 0.00	51.16 1.44 -0.01	47.18 1.37 0.00	44.01 1.28 0.00	42.70 1.20 0.00
GILBOA___2 23757	41.50 0.97 0.00	40.31 1.10 0.00	37.56 1.02 0.00	35.40 0.93 0.00	37.91 1.00 0.00	41.23 1.04 0.00	45.18 1.02 0.00	48.24 1.09 0.00	45.21 1.06 0.00	42.29 1.03 0.00	42.22 0.99 0.00	40.54 0.91 0.00	39.74 0.93 0.00	40.34 0.91 0.00	39.69 0.93 0.00	42.14 1.15 0.00	45.25 1.27 -0.27	53.92 1.57 0.00	61.80 1.68 0.00	53.81 1.52 0.00	51.16 1.44 -0.01	47.18 1.37 0.00	44.01 1.28 0.00	42.70 1.20 0.00

GILBOA___3 23758	41.50 0.97 0.00	40.31 1.10 0.00	37.56 1.02 0.00	35.40 0.93 0.00	37.91 1.00 0.00	41.23 1.04 0.00	45.18 1.02 0.00	48.24 1.09 0.00	45.21 1.06 0.00	42.29 1.03 0.00	42.22 0.99 0.00	40.54 0.91 0.00	39.74 0.93 0.00	40.34 0.91 0.00	39.69 0.93 0.00	42.14 1.15 0.00	45.25 1.27 -0.27	53.92 1.57 0.00	61.80 1.68 0.00	53.81 1.52 0.00	51.16 1.44 -0.01	47.18 1.37 0.00	44.01 1.28 0.00	42.70 1.20 0.00
GILBOA___4 23759	41.50 0.97 0.00	40.31 1.10 0.00	37.56 1.02 0.00	35.40 0.93 0.00	37.91 1.00 0.00	41.23 1.04 0.00	45.18 1.02 0.00	48.24 1.09 0.00	45.21 1.06 0.00	42.29 1.03 0.00	42.22 0.99 0.00	40.54 0.91 0.00	39.74 0.93 0.00	40.34 0.91 0.00	39.69 0.93 0.00	42.14 1.15 0.00	45.25 1.27 -0.27	53.92 1.57 0.00	61.80 1.68 0.00	53.81 1.52 0.00	51.16 1.44 -0.01	47.18 1.37 0.00	44.01 1.28 0.00	42.70 1.20 0.00
GILBOA___ 23599	41.54 1.01 0.00	40.32 1.10 0.00	37.56 1.02 0.00	35.40 0.93 0.00	37.91 1.00 0.00	41.28 1.09 0.00	45.18 1.02 0.00	48.38 1.23 0.00	45.34 1.19 0.00	42.41 1.16 0.00	42.39 1.15 0.00	40.66 1.03 0.00	39.78 0.97 0.00	40.49 1.06 0.00	39.76 1.01 0.00	42.14 1.15 0.00	45.26 1.27 -0.27	53.92 1.57 0.00	61.80 1.68 0.00	53.81 1.52 0.00	51.21 1.49 -0.01	47.18 1.37 0.00	44.06 1.32 0.00	42.78 1.29 0.00
GINNA___ 23603	37.73 -2.80 0.00	36.24 -2.98 0.00	33.61 -2.92 0.00	31.78 -2.69 0.00	34.22 -2.69 0.00	37.42 -2.77 0.00	41.33 -2.83 0.00	43.85 -3.30 0.00	41.06 -3.09 0.00	38.33 -2.93 0.00	38.39 -2.84 0.00	36.86 -2.78 0.00	36.05 -2.75 0.00	36.79 -2.64 0.00	36.16 -2.60 0.00	38.00 -2.99 0.00	40.48 -3.23 0.00	48.27 -4.08 0.00	55.54 -4.57 0.00	48.84 -3.45 0.00	46.29 -3.43 0.00	42.47 -3.34 0.00	39.53 -3.21 0.00	38.76 -2.74 0.00
GLEN PARK___ 23778	42.47 1.95 0.00	40.86 1.65 0.00	38.11 1.57 0.00	35.77 1.31 0.00	38.17 1.26 0.00	41.72 1.53 0.00	46.10 1.94 0.00	49.47 2.31 0.00	46.01 1.85 0.00	42.70 1.44 0.00	42.84 1.61 0.00	41.42 1.79 0.00	40.36 1.55 0.00	41.12 1.69 0.00	40.27 1.51 0.00	42.10 1.11 0.00	44.90 1.18 0.00	54.08 1.73 0.00	63.54 3.42 0.00	55.59 3.30 0.00	52.94 3.23 0.00	48.70 2.89 0.00	45.08 2.35 0.00	43.79 2.28 -0.01
GLENDALE_27_KV_LOAD 356172	42.97 2.43 -0.01	41.54 2.31 -0.01	38.66 2.12 -0.01	36.33 1.86 -0.01	38.88 1.96 -0.01	42.37 2.17 -0.01	46.72 2.56 0.00	50.46 3.30 0.00	47.46 3.31 0.00	45.25 3.34 -0.65	45.19 3.34 -0.62	43.41 3.09 -0.68	42.47 2.91 -0.75	43.75 3.08 -1.24	42.51 2.91 -0.85	45.90 3.32 -1.58	47.65 3.45 -0.48	56.44 4.08 0.00	64.50 4.39 0.00	56.27 3.97 0.00	53.50 3.78 -0.01	49.29 3.48 0.00	46.03 3.29 -0.01	44.62 3.11 -0.01
GLENWOOD_IC_1_G5 23712	42.92 2.39 0.00	41.61 2.39 0.00	38.73 2.19 0.00	36.36 1.90 0.00	38.98 2.07 0.00	42.24 2.05 0.00	46.94 2.78 0.00	50.60 3.44 0.00	47.55 3.40 0.00	44.60 3.34 0.00	44.61 3.38 0.00	42.72 3.09 0.00	41.64 2.83 0.00	42.43 3.00 0.00	41.43 2.67 0.00	44.07 3.07 0.00	47.42 3.23 -0.47	56.44 4.08 0.00	64.86 4.75 0.00	56.42 4.13 0.00	55.73 4.13 -1.89	49.47 3.66 0.00	45.98 3.25 0.00	44.57 3.07 0.00
GLENWOOD_IC_2_G1 23688	42.80 2.27 0.00	41.49 2.27 0.00	38.66 2.12 0.00	36.29 1.83 0.00	38.91 1.99 0.00	42.16 1.97 0.00	46.90 2.74 0.00	50.27 3.11 0.00	47.07 2.91 0.00	44.23 2.97 0.00	44.07 2.84 0.00	42.29 2.66 0.00	41.45 2.64 0.00	42.03 2.60 0.00	41.16 2.40 0.00	43.98 2.99 0.00	47.28 3.10 -0.46	56.23 3.87 0.00	64.74 4.63 0.00	56.27 3.97 0.00	55.53 3.93 -1.89	49.34 3.53 0.00	45.94 3.21 0.00	44.36 2.86 0.00
GLENWOOD_IC_3_G1 23689	42.80 2.27 0.00	41.49 2.27 0.00	38.66 2.12 0.00	36.29 1.83 0.00	38.91 1.99 0.00	42.16 1.97 0.00	46.90 2.74 0.00	50.27 3.11 0.00	47.07 2.91 0.00	44.23 2.97 0.00	44.07 2.84 0.00	42.29 2.66 0.00	41.45 2.64 0.00	42.03 2.60 0.00	41.16 2.40 0.00	43.98 2.99 0.00	47.28 3.10 -0.46	56.23 3.87 0.00	64.74 4.63 0.00	56.27 3.97 0.00	55.53 3.93 -1.89	49.34 3.53 0.00	45.94 3.21 0.00	44.36 2.86 0.00
GLENWOOD___4 23550	42.92 2.39 0.00	41.61 2.39 0.00	38.73 2.19 0.00	36.36 1.90 0.00	38.98 2.07 0.00	42.24 2.05 0.00	46.94 2.78 0.00	50.60 3.44 0.00	47.55 3.40 0.00	44.60 3.34 0.00	44.61 3.38 0.00	42.72 3.09 0.00	41.64 2.83 0.00	42.43 3.00 0.00	41.43 2.67 0.00	44.07 3.07 0.00	47.42 3.23 -0.47	56.44 4.08 0.00	64.86 4.75 0.00	56.42 4.13 0.00	55.73 4.13 -1.89	49.47 3.66 0.00	45.98 3.25 0.00	44.57 3.07 0.00
GLENWOOD___5 23614	42.92 2.39 0.00	41.61 2.39 0.00	38.73 2.19 0.00	36.36 1.90 0.00	38.98 2.07 0.00	42.24 2.05 0.00	46.94 2.78 0.00	50.60 3.44 0.00	47.55 3.40 0.00	44.60 3.34 0.00	44.61 3.38 0.00	42.72 3.09 0.00	41.64 2.83 0.00	42.43 3.00 0.00	41.43 2.67 0.00	44.07 3.07 0.00	47.42 3.23 -0.47	56.44 4.08 0.00	64.86 4.75 0.00	56.42 4.13 0.00	55.73 4.13 -1.89	49.47 3.66 0.00	45.98 3.25 0.00	44.57 3.07 0.00
GLOBAL GREEN_PORT_GT1 23814	42.60 2.07 0.00	41.85 2.63 0.00	39.09 2.56 0.00	36.64 2.17 0.00	39.35 2.44 0.00	41.92 1.73 0.00	47.12 2.96 0.00	49.99 2.83 0.00	46.80 2.65 0.00	44.31 3.05 0.00	43.95 2.72 0.00	42.17 2.54 0.00	41.25 2.45 0.00	41.56 2.13 0.00	40.66 1.90 0.00	43.49 2.50 0.00	46.27 2.10 -0.46	55.60 3.25 0.00	64.50 4.39 0.00	55.90 3.61 0.00	55.13 3.53 -1.89	48.74 2.93 0.00	45.21 2.48 0.00	43.99 2.49 0.00
GLOBE___DSASP 323697	37.94 -2.59 0.00	36.28 -2.94 0.00	33.65 -2.89 0.00	31.81 -2.65 0.00	34.26 -2.66 0.00	37.46 -2.73 0.00	41.47 -2.69 0.00	43.57 -3.58 0.00	40.62 -3.53 0.00	37.55 -3.71 0.00	37.56 -3.67 0.00	36.14 -3.49 0.00	35.51 -3.30 0.00	35.81 -3.59 0.03	35.35 -3.41 0.00	37.22 -3.77 0.00	39.56 -4.15 0.00	46.61 -5.71 0.03	53.71 -6.37 0.03	46.96 -5.28 0.05	44.91 -4.77 0.03	41.82 -3.99 0.00	39.10 -3.63 0.00	38.43 -3.07 0.00
GOETHSLN___LBMP 323567	42.35 1.82 0.00	40.90 1.69 0.00	38.11 1.57 0.00	35.81 1.34 0.00	38.32 1.40 0.00	41.72 1.53 0.00	46.10 1.94 0.00	49.70 2.55 0.00	46.80 2.65 0.00	43.98 2.72 0.00	43.95 2.72 0.00	42.13 2.50 0.00	41.13 2.33 0.00	41.95 2.52 0.00	41.12 2.36 0.00	43.70 2.71 0.00	46.94 2.75 -0.47	55.65 3.30 0.00	63.60 3.49 0.00	55.48 3.19 0.00	52.71 2.98 -0.01	48.56 2.75 0.00	45.34 2.61 0.00	43.99 2.49 0.00
GOLAH___69_KV_TB 1_2 80279	39.60 -0.93 0.00	37.92 -1.29 0.00	35.15 -1.39 0.00	33.22 -1.24 0.00	35.81 -1.11 0.00	39.19 -1.00 0.00	43.41 -0.75 0.00	45.88 -1.27 0.00	42.78 -1.37 0.00	39.57 -1.69 0.00	39.54 -1.69 0.00	38.01 -1.62 0.00	37.29 -1.51 0.00	37.69 -1.73 0.01	37.17 -1.59 0.00	39.19 -1.80 0.00	41.79 -1.92 0.00	49.78 -2.57 0.01	57.64 -2.46 0.01	50.61 -1.67 0.01	47.82 -1.89 0.01	44.25 -1.56 0.00	41.28 -1.45 0.00	40.21 -1.29 0.00

GOODYEAR_LAKE_HYD 323669	41.95 1.42 0.00	40.59 1.37 0.00	37.78 1.24 0.00	35.60 1.14 0.00	38.21 1.29 0.00	41.68 1.49 0.00	45.97 1.81 0.00	49.28 2.12 0.00	46.14 1.99 0.00	42.91 1.65 0.00	42.84 1.61 0.00	41.14 1.51 0.00	40.20 1.40 0.00	40.93 1.50 0.00	40.23 1.47 0.00	42.71 1.72 0.00	47.07 1.97 -1.38	54.76 2.41 0.00	63.06 2.95 0.00	54.75 2.46 0.00	52.13 2.39 -0.03	48.01 2.20 0.00	44.65 1.92 0.00	43.28 1.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.61 0.08 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.36 -0.10 0.00	36.91 0.00 0.00	40.27 0.08 0.00	44.43 0.26 0.00	47.30 0.14 0.00	44.24 0.09 0.00	41.18 -0.08 0.00	41.11 -0.12 0.00	39.47 -0.16 0.00	38.65 -0.16 0.00	39.27 -0.16 0.00	38.64 -0.12 0.00	40.87 -0.12 0.00	43.78 -0.13 -0.20	52.04 -0.31 0.00	59.69 -0.42 0.00	51.93 -0.37 0.00	49.72 0.00 0.00	45.90 0.09 0.00	42.69 -0.04 0.00	41.58 0.08 0.00
GOUDEY___7 23579	40.61 0.08 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.36 -0.10 0.00	36.91 0.00 0.00	40.27 0.08 0.00	44.43 0.26 0.00	47.30 0.14 0.00	44.24 0.09 0.00	41.18 -0.08 0.00	41.11 -0.12 0.00	39.47 -0.16 0.00	38.65 -0.16 0.00	39.27 -0.16 0.00	38.64 -0.12 0.00	40.87 -0.12 0.00	43.78 -0.13 -0.20	52.04 -0.31 0.00	59.69 -0.42 0.00	51.93 -0.37 0.00	49.72 0.00 0.00	45.90 0.09 0.00	42.69 -0.04 0.00	41.58 0.08 0.00
GOUDEY___8 23580	40.61 0.08 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.36 -0.10 0.00	36.91 0.00 0.00	40.27 0.08 0.00	44.43 0.26 0.00	47.30 0.14 0.00	44.24 0.09 0.00	41.18 -0.08 0.00	41.11 -0.12 0.00	39.47 -0.16 0.00	38.65 -0.16 0.00	39.27 -0.16 0.00	38.64 -0.12 0.00	40.87 -0.12 0.00	43.78 -0.13 -0.20	52.04 -0.31 0.00	59.69 -0.42 0.00	51.93 -0.37 0.00	49.72 0.00 0.00	45.90 0.09 0.00	42.69 -0.04 0.00	41.58 0.08 0.00
GOWANUS_GT1_1 24077	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT1_2 24078	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT1_3 24079	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT1_4 24080	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT1_5 24084	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT1_6 24111	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT1_7 24112	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT1_8 24113	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT2_1 24114	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT2_2 24115	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT2_3 24116	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62

GOWANUS_GT2_4 24117	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT2_5 24118	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT2_6 24119	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT2_7 24120	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT2_8 24121	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_1 24122	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_2 24123	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_3 24124	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_4 24125	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_5 24126	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_6 24127	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_7 24128	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT3_8 24129	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
GOWANUS_GT4_1 24130	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT4_2 24131	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62

GOWANUS_GT4_3 24132	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT4_4 24133	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT4_5 24134	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT4_6 24135	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT4_7 24136	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GOWANUS_GT4_8 24137	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GREENBSH_115KV_TB3 55895	41.95 1.42 0.00	40.67 1.45 0.00	37.85 1.32 0.00	35.71 1.24 0.00	38.24 1.33 0.00	41.60 1.41 0.00	45.49 1.32 0.00	48.71 1.56 0.00	45.56 1.41 0.00	42.62 1.36 0.00	42.63 1.40 0.00	40.90 1.27 0.00	40.01 1.20 0.00	40.69 1.26 0.00	40.00 1.24 0.00	42.39 1.39 0.00	47.08 1.49 -1.88	54.50 2.15 0.00	62.52 2.40 0.00	54.44 2.14 0.00	51.84 2.09 -0.04	47.69 1.88 0.00	44.53 1.79 0.00	43.24 1.74 0.00
GREENDGE_115KV_TB5 80291	40.29 -0.24 0.00	38.71 -0.51 0.00	35.99 -0.55 0.00	33.95 -0.52 0.00	36.55 -0.37 0.00	39.99 -0.20 0.00	44.29 0.13 0.00	47.11 -0.05 0.00	43.93 -0.22 0.00	40.60 -0.66 0.00	40.45 -0.78 0.00	38.80 -0.83 0.00	38.03 -0.78 0.00	38.66 -0.83 -0.06	37.98 -0.78 0.00	40.13 -0.86 0.00	43.05 -0.79 -0.12	51.36 -1.05 -0.06	58.79 -1.38 -0.06	51.70 -0.68 -0.09	49.33 -0.45 -0.06	45.49 -0.32 0.00	42.18 -0.56 0.00	41.00 -0.50 0.00
GREENIDGE___3 23582	40.29 -0.24 0.00	38.71 -0.51 0.00	35.99 -0.55 0.00	33.95 -0.52 0.00	36.55 -0.37 0.00	39.99 -0.20 0.00	44.29 0.13 0.00	47.11 -0.05 0.00	43.93 -0.22 0.00	40.60 -0.66 0.00	40.45 -0.78 0.00	38.80 -0.83 0.00	38.03 -0.78 0.00	38.66 -0.83 -0.06	37.98 -0.78 0.00	40.13 -0.86 0.00	43.05 -0.79 -0.12	51.36 -1.05 -0.06	58.79 -1.38 -0.06	51.70 -0.68 -0.09	49.33 -0.45 -0.06	45.49 -0.32 0.00	42.18 -0.56 0.00	41.00 -0.50 0.00
GREENIDGE___4 23583	40.29 -0.24 0.00	38.71 -0.51 0.00	35.99 -0.55 0.00	33.95 -0.52 0.00	36.55 -0.37 0.00	40.03 -0.16 0.00	44.25 0.09 0.00	47.02 -0.14 0.00	43.85 -0.31 0.00	40.72 -0.54 0.00	40.57 -0.66 0.00	38.92 -0.71 0.00	37.91 -0.89 0.00	38.78 -0.71 -0.06	38.06 -0.70 0.00	40.13 -0.86 0.00	43.05 -0.79 -0.12	51.41 -1.00 -0.06	58.67 -1.50 -0.06	51.70 -0.68 -0.09	49.43 -0.35 -0.06	45.49 -0.32 0.00	42.18 -0.56 0.00	41.37 -0.12 0.00
GREENLWN_69_KV_BK 3 55738	42.60 2.07 0.00	41.34 2.12 0.00	38.51 1.97 0.00	36.12 1.65 0.00	38.76 1.85 0.00	41.92 1.73 0.00	46.59 2.43 0.00	50.22 3.07 0.00	47.15 3.00 0.00	44.31 3.05 0.00	44.28 3.05 0.00	42.41 2.77 0.00	41.33 2.52 0.00	42.07 2.64 0.00	40.70 1.94 0.00	43.33 2.34 0.00	46.59 2.40 -0.47	55.49 3.14 0.00	63.90 3.79 0.00	55.59 3.29 0.00	55.33 3.73 -1.89	49.11 3.30 0.00	45.64 2.91 0.00	44.19 2.70 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62
GRISSOM___SOLAR 323813	42.84 2.31 0.00	41.57 2.35 0.00	38.62 2.08 0.00	36.43 1.96 0.00	39.13 2.21 0.00	42.64 2.45 0.00	47.21 3.04 0.00	50.41 3.25 0.00	46.62 2.47 0.00	43.24 1.98 0.00	43.04 1.81 0.00	41.22 1.59 0.00	40.36 1.55 0.00	40.97 1.54 0.00	40.35 1.59 0.00	43.04 2.05 0.00	51.04 2.76 -4.57	56.07 3.72 0.00	64.68 4.57 0.00	56.16 3.87 0.00	53.79 3.98 -0.10	49.38 3.58 0.00	45.81 3.08 0.00	44.28 2.78 0.00
GROVEVILLE___HYD 323602	42.47 1.95 0.00	41.10 1.88 0.00	38.29 1.75 0.00	36.02 1.55 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.41 2.25 0.00	49.94 2.78 0.00	46.85 2.69 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.97 2.34 0.00	41.02 2.21 0.00	41.80 2.37 0.00	41.04 2.29 0.00	43.62 2.62 0.00	47.07 2.89 -0.47	55.75 3.40 0.00	63.84 3.73 0.00	55.64 3.35 0.00	52.86 3.13 -0.01	48.69 2.89 0.00	45.34 2.61 0.00	43.99 2.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.33 -0.20 0.00	38.87 -0.35 0.00	36.17 -0.37 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	43.94 -0.22 0.00	46.83 -0.33 0.00	43.80 -0.35 0.00	40.85 -0.41 0.00	40.78 -0.45 0.00	39.24 -0.40 0.00	38.50 -0.31 0.00	39.11 -0.32 0.00	38.52 -0.23 0.00	40.66 -0.33 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.69 -0.42 0.00	52.03 -0.26 0.00	49.47 -0.25 0.00	45.58 -0.23 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00

HAMLTNNY_34_KV_TB 80303	40.25 -0.28 0.00	38.79 -0.43 0.00	36.10 -0.44 0.00	34.02 -0.45 0.00	36.55 -0.37 0.00	39.83 -0.36 0.00	43.90 -0.26 0.00	46.73 -0.42 0.00	43.71 -0.44 0.00	40.72 -0.54 0.00	40.65 -0.58 0.00	39.12 -0.52 0.00	38.38 -0.43 0.00	39.00 -0.43 0.00	38.37 -0.39 0.00	40.54 -0.45 0.00	43.19 -0.52 0.00	51.72 -0.63 0.00	59.51 -0.60 0.00	51.87 -0.42 0.00	49.27 -0.45 0.00	45.44 -0.37 0.00	42.26 -0.47 0.00	41.00 -0.50 0.00
HAMPSHIRE___PAPER_HYD 323593	43.20 2.67 0.00	41.65 2.43 0.00	38.84 2.30 0.00	36.33 1.86 0.00	38.10 1.18 0.00	41.48 1.29 0.00	45.53 1.37 0.00	48.95 1.79 0.00	45.56 1.41 0.00	42.50 1.24 0.00	42.92 1.69 0.00	42.05 2.42 0.00	41.02 2.21 0.00	41.76 2.33 0.00	40.85 2.09 0.00	42.06 1.06 0.00	44.68 0.96 0.00	53.34 0.99 0.00	62.58 2.47 0.00	54.44 2.14 0.00	51.85 2.14 0.00	47.92 2.11 0.00	44.74 2.01 0.00	43.88 2.36 -0.02
HARDSCRABBLE_WT_PWR 323673	40.25 -0.28 0.00	39.14 -0.08 0.00	36.65 0.11 0.00	34.67 0.21 0.00	37.21 0.29 0.00	40.47 0.28 0.00	44.34 0.18 0.00	47.39 0.24 0.00	44.42 0.27 0.00	41.51 0.25 0.00	41.52 0.29 0.00	39.95 0.32 0.00	38.96 0.16 0.00	39.47 0.04 0.00	38.64 -0.12 0.00	40.83 -0.16 0.00	43.41 -0.30 0.00	51.88 -0.47 0.00	59.63 -0.48 0.00	51.82 -0.47 0.00	49.22 -0.50 0.00	45.31 -0.50 0.00	42.26 -0.47 0.00	40.92 -0.58 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.11 1.58 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.71 1.24 0.00	38.21 1.29 0.00	41.60 1.41 0.00	45.97 1.81 0.00	49.47 2.31 0.00	46.45 2.30 0.00	43.49 2.23 0.00	43.42 2.19 0.00	41.65 2.02 0.00	40.71 1.90 0.00	41.48 2.05 0.00	40.73 1.98 0.00	43.25 2.25 0.00	46.64 2.49 -0.43	55.28 2.93 0.00	63.36 3.25 0.00	55.17 2.88 0.00	52.41 2.68 -0.01	48.28 2.47 0.00	45.00 2.26 0.00	43.61 2.12 0.00
HARSNRAD_115KV_TB1 81005	38.50 -2.03 0.00	36.79 -2.43 0.00	34.13 -2.41 0.00	32.29 -2.17 0.00	34.77 -2.14 0.00	38.06 -2.13 0.00	42.17 -1.99 0.00	44.33 -2.83 0.00	41.28 -2.87 0.00	38.12 -3.14 0.00	38.14 -3.09 0.00	36.66 -2.97 0.00	36.01 -2.79 0.00	36.31 -3.08 0.04	35.85 -2.91 0.00	37.75 -3.24 0.00	40.18 -3.54 0.00	47.34 -4.97 0.04	54.60 -5.47 0.04	47.74 -4.50 0.06	45.65 -4.03 0.04	42.51 -3.30 0.00	39.70 -3.03 0.00	38.97 -2.53 0.00
HARZA MOOSE___RIVER 24016	41.83 1.30 0.00	40.36 1.14 0.00	37.63 1.10 0.00	35.40 0.93 0.00	37.76 0.85 0.00	41.19 1.00 0.00	45.40 1.24 0.00	48.85 1.70 0.00	45.70 1.55 0.00	42.50 1.24 0.00	42.59 1.36 0.00	41.14 1.51 0.00	40.16 1.36 0.00	40.85 1.42 0.00	40.08 1.32 0.00	41.89 0.90 0.00	44.77 1.05 0.00	53.71 1.36 0.00	62.40 2.28 0.00	54.28 1.99 0.00	51.65 1.94 0.00	47.55 1.74 0.00	44.23 1.50 0.00	42.91 1.41 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	39.92 -0.61 0.00	38.51 -0.71 0.00	35.84 -0.69 0.00	33.78 -0.69 0.00	36.29 -0.63 0.00	39.51 -0.68 0.00	43.50 -0.66 0.00	46.31 -0.85 0.00	43.31 -0.84 0.00	40.39 -0.87 0.00	40.37 -0.87 0.00	38.80 -0.83 0.00	38.07 -0.74 0.00	38.68 -0.75 0.00	38.06 -0.70 0.00	40.21 -0.78 0.00	42.84 -0.87 0.00	51.25 -1.10 0.00	58.97 -1.14 0.00	51.35 -0.94 0.00	48.82 -0.89 0.00	45.03 -0.78 0.00	41.88 -0.85 0.00	40.67 -0.83 0.00
HELLGATE_13_KV_LD 55870	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.27 1.79 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.50 2.34 0.00	50.22 3.07 0.00	47.24 3.09 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.28 2.72 -0.75	43.59 2.92 -1.24	42.35 2.75 -0.85	45.69 3.12 -1.58	47.43 3.23 -0.48	56.17 3.82 0.00	64.14 4.03 0.00	56.01 3.71 0.00	53.25 3.53 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.27 1.79 -0.01	38.81 1.88 -0.01	42.21 2.01 -0.01	46.50 2.34 0.00	50.22 3.07 0.00	47.24 3.09 0.00	45.04 3.14 -0.65	44.98 3.13 -0.62	43.21 2.89 -0.68	42.28 2.72 -0.75	43.59 2.92 -1.24	42.35 2.75 -0.85	45.69 3.12 -1.58	47.43 3.23 -0.48	56.17 3.82 0.00	64.14 4.03 0.00	56.01 3.71 0.00	53.25 3.53 -0.01	49.06 3.25 0.00	45.82 3.08 -0.01	44.45 2.95 -0.01
HEMPSTEAD____ 23647	42.72 2.19 0.00	41.41 2.19 0.00	38.58 2.04 0.00	36.22 1.76 0.00	38.83 1.92 0.00	42.04 1.85 0.00	46.81 2.65 0.00	50.18 3.02 0.00	46.98 2.83 0.00	44.15 2.89 0.00	43.99 2.76 0.00	42.17 2.54 0.00	41.33 2.52 0.00	41.91 2.49 0.00	41.04 2.29 0.00	43.86 2.87 0.00	47.15 2.97 -0.46	56.12 3.77 0.00	64.63 4.51 0.00	56.16 3.87 0.00	55.43 3.83 -1.89	49.25 3.44 0.00	45.81 3.08 0.00	44.19 2.70 0.00
HEWLETT_69_KV_BK3 55828	43.00 2.47 0.00	41.65 2.43 0.00	38.80 2.27 0.00	36.43 1.96 0.00	39.06 2.14 0.00	42.32 2.13 0.00	46.99 2.83 0.00	50.65 3.49 0.00	47.60 3.44 0.00	44.64 3.38 0.00	44.61 3.38 0.00	42.72 3.09 0.00	41.68 2.87 0.00	42.47 3.04 0.00	41.47 2.71 0.00	44.11 3.12 0.00	47.51 3.32 -0.47	56.49 4.14 0.00	64.92 4.81 0.00	56.58 4.29 0.00	55.83 4.23 -1.89	49.56 3.76 0.00	46.11 3.38 0.00	44.65 3.15 0.00
HICKLING___1 23621	40.29 -0.24 0.00	38.71 -0.51 0.00	35.99 -0.55 0.00	33.95 -0.52 0.00	36.55 -0.37 0.00	39.95 -0.24 0.00	44.25 0.09 0.00	47.02 -0.14 0.00	43.80 -0.35 0.00	40.52 -0.74 0.00	40.41 -0.82 0.00	38.76 -0.87 0.00	37.95 -0.85 0.00	38.58 -0.87 -0.02	37.94 -0.81 0.00	40.09 -0.90 0.00	42.95 -0.92 -0.15	51.01 -1.36 -0.02	58.45 -1.68 -0.02	50.86 -1.46 -0.03	48.94 -0.80 -0.03	45.26 -0.55 0.00	42.05 -0.68 0.00	41.04 -0.46 0.00
HICKLING___2 23622	40.29 -0.24 0.00	38.71 -0.51 0.00	35.99 -0.55 0.00	33.95 -0.52 0.00	36.55 -0.37 0.00	39.95 -0.24 0.00	44.25 0.09 0.00	47.02 -0.14 0.00	43.80 -0.35 0.00	40.52 -0.74 0.00	40.41 -0.82 0.00	38.76 -0.87 0.00	37.95 -0.85 0.00	38.58 -0.87 -0.02	37.94 -0.81 0.00	40.09 -0.90 0.00	42.95 -0.92 -0.15	51.01 -1.36 -0.02	58.45 -1.68 -0.02	50.86 -1.46 -0.03	48.94 -0.80 -0.03	45.26 -0.55 0.00	42.05 -0.68 0.00	41.04 -0.46 0.00
HIGH FALLS___HY 23754	42.19 1.66 0.00	40.79 1.57 0.00	38.00 1.46 0.00	35.74 1.28 0.00	38.28 1.37 0.00	41.64 1.45 0.00	46.10 1.94 0.00	49.56 2.40 0.00	46.49 2.34 0.00	43.40 2.15 0.00	43.29 2.06 0.00	41.53 1.90 0.00	40.59 1.79 0.00	41.40 1.97 0.00	40.62 1.86 0.00	43.21 2.21 0.00	46.80 2.49 -0.59	55.39 3.04 0.00	63.54 3.43 0.00	55.43 3.14 0.00	52.61 2.88 -0.01	48.42 2.61 0.00	45.08 2.35 0.00	43.70 2.20 0.00
HIGH_RIVER___SOLAR 323847	42.15 1.62 0.00	40.83 1.61 0.00	38.00 1.46 0.00	35.85 1.38 0.00	38.43 1.51 0.00	41.84 1.65 0.00	46.10 1.94 0.00	49.18 2.03 0.00	45.74 1.59 0.00	42.50 1.24 0.00	42.30 1.07 0.00	40.54 0.91 0.00	39.74 0.93 0.00	40.37 0.94 0.00	39.73 0.97 0.00	42.30 1.31 0.00	50.33 1.79 -4.82	54.86 2.51 0.00	63.12 3.00 0.00	54.85 2.56 0.00	52.45 2.63 -0.10	48.14 2.33 0.00	44.83 2.09 0.00	43.41 1.91 0.00

HILLBURN___GT 23639	42.07 1.54 0.00	40.67 1.45 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.51 1.32 0.00	45.93 1.77 0.00	49.28 2.12 0.00	46.18 2.03 0.00	43.28 2.02 0.00	43.17 1.94 0.00	41.50 1.86 0.00	40.67 1.86 0.00	41.28 1.85 0.00	40.62 1.86 0.00	43.29 2.29 0.00	46.59 2.45 -0.42	55.23 2.88 0.00	63.30 3.18 0.00	55.11 2.82 0.00	52.31 2.58 -0.01	48.28 2.47 0.00	45.00 2.26 0.00	43.49 1.99 0.00
HILLSIDE_115KV_TB1 80332	39.92 -0.61 0.00	38.36 -0.86 0.00	35.70 -0.84 0.00	33.67 -0.79 0.00	36.21 -0.70 0.00	39.59 -0.60 0.00	43.76 -0.40 0.00	46.50 -0.66 0.00	43.36 -0.79 0.00	40.19 -1.07 0.00	40.08 -1.15 0.00	38.48 -1.15 0.00	37.68 -1.13 0.00	38.26 -1.18 -0.02	37.63 -1.12 0.00	39.76 -1.23 0.00	42.56 -1.31 -0.15	50.54 -1.83 -0.02	57.79 -2.34 -0.02	50.28 -2.04 -0.03	48.44 -1.29 -0.02	44.80 -1.01 0.00	41.66 -1.07 0.00	40.71 -0.79 0.00
HISHELDN_WT_PWR 323625	38.58 -1.94 0.00	36.94 -2.28 0.00	34.27 -2.27 0.00	32.36 -2.10 0.00	34.85 -2.07 0.00	38.26 -1.93 0.00	42.17 -1.99 0.00	44.23 -2.92 0.00	40.97 -3.18 0.00	38.04 -3.22 0.00	37.89 -3.34 0.00	36.30 -3.33 0.00	35.24 -3.57 0.00	35.84 -3.39 0.19	35.42 -3.33 0.00	37.30 -3.69 0.00	39.89 -3.93 -0.11	47.08 -5.08 0.19	53.91 -6.01 0.19	47.14 -4.86 0.29	45.40 -4.13 0.19	42.19 -3.62 0.00	39.36 -3.38 0.00	39.09 -2.41 0.00
HOLTSVILLE_IC_1 23690	42.76 2.23 0.00	41.81 2.59 0.00	39.02 2.49 0.00	36.60 2.14 0.00	39.28 2.36 0.00	42.04 1.85 0.00	47.12 2.96 0.00	50.13 2.97 0.00	46.85 2.69 0.00	44.23 2.97 0.00	44.04 2.81 0.00	42.21 2.57 0.00	41.33 2.52 0.00	41.87 2.45 0.00	40.97 2.21 0.00	43.86 2.87 0.00	46.88 2.71 -0.46	55.96 3.61 0.00	64.74 4.63 0.00	56.22 3.92 0.00	55.48 3.88 -1.89	49.20 3.39 0.00	45.72 2.99 0.00	44.11 2.62 0.00
HOLTSVILLE_IC_10 23699	42.92 2.39 0.00	41.96 2.74 0.00	39.17 2.63 0.00	36.74 2.27 0.00	39.46 2.55 0.00	42.24 2.05 0.00	47.34 3.18 0.00	50.36 3.21 0.00	47.07 2.91 0.00	44.44 3.18 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.03 2.60 0.00	41.12 2.36 0.00	44.03 3.03 0.00	47.10 2.93 -0.46	56.33 3.98 0.00	65.16 5.05 0.00	56.58 4.29 0.00	55.82 4.22 -1.89	49.47 3.67 0.00	45.98 3.25 0.00	44.32 2.82 0.00
HOLTSVILLE_IC_2 23691	42.76 2.23 0.00	41.81 2.59 0.00	39.02 2.49 0.00	36.60 2.14 0.00	39.28 2.36 0.00	42.04 1.85 0.00	47.12 2.96 0.00	50.13 2.97 0.00	46.85 2.69 0.00	44.23 2.97 0.00	44.04 2.81 0.00	42.21 2.57 0.00	41.33 2.52 0.00	41.87 2.45 0.00	40.97 2.21 0.00	43.86 2.87 0.00	46.88 2.71 -0.46	55.96 3.61 0.00	64.74 4.63 0.00	56.22 3.92 0.00	55.48 3.88 -1.89	49.20 3.39 0.00	45.72 2.99 0.00	44.11 2.62 0.00
HOLTSVILLE_IC_3 23692	42.76 2.23 0.00	41.81 2.59 0.00	39.02 2.49 0.00	36.60 2.14 0.00	39.28 2.36 0.00	42.04 1.85 0.00	47.12 2.96 0.00	50.13 2.97 0.00	46.85 2.69 0.00	44.23 2.97 0.00	44.04 2.81 0.00	42.21 2.57 0.00	41.33 2.52 0.00	41.87 2.45 0.00	40.97 2.21 0.00	43.86 2.87 0.00	46.88 2.71 -0.46	55.96 3.61 0.00	64.74 4.63 0.00	56.22 3.92 0.00	55.48 3.88 -1.89	49.20 3.39 0.00	45.72 2.99 0.00	44.11 2.62 0.00
HOLTSVILLE_IC_4 23693	42.76 2.23 0.00	41.81 2.59 0.00	39.02 2.49 0.00	36.60 2.14 0.00	39.28 2.36 0.00	42.04 1.85 0.00	47.12 2.96 0.00	50.13 2.97 0.00	46.85 2.69 0.00	44.23 2.97 0.00	44.04 2.81 0.00	42.21 2.57 0.00	41.33 2.52 0.00	41.87 2.45 0.00	40.97 2.21 0.00	43.86 2.87 0.00	46.88 2.71 -0.46	55.96 3.61 0.00	64.74 4.63 0.00	56.22 3.92 0.00	55.48 3.88 -1.89	49.20 3.39 0.00	45.72 2.99 0.00	44.11 2.62 0.00
HOLTSVILLE_IC_5 23694	42.76 2.23 0.00	41.81 2.59 0.00	39.02 2.49 0.00	36.60 2.14 0.00	39.28 2.36 0.00	42.04 1.85 0.00	47.12 2.96 0.00	50.13 2.97 0.00	46.85 2.69 0.00	44.23 2.97 0.00	44.04 2.81 0.00	42.21 2.57 0.00	41.33 2.52 0.00	41.87 2.45 0.00	40.97 2.21 0.00	43.86 2.87 0.00	46.88 2.71 -0.46	55.96 3.61 0.00	64.74 4.63 0.00	56.22 3.92 0.00	55.48 3.88 -1.89	49.20 3.39 0.00	45.72 2.99 0.00	44.11 2.62 0.00
HOLTSVILLE_IC_6 23695	42.92 2.39 0.00	41.96 2.74 0.00	39.17 2.63 0.00	36.74 2.27 0.00	39.46 2.55 0.00	42.24 2.05 0.00	47.34 3.18 0.00	50.36 3.21 0.00	47.07 2.91 0.00	44.44 3.18 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.03 2.60 0.00	41.12 2.36 0.00	44.03 3.03 0.00	47.10 2.93 -0.46	56.33 3.98 0.00	65.16 5.05 0.00	56.58 4.29 0.00	55.82 4.22 -1.89	49.47 3.67 0.00	45.98 3.25 0.00	44.32 2.82 0.00
HOLTSVILLE_IC_7 23696	42.92 2.39 0.00	41.96 2.74 0.00	39.17 2.63 0.00	36.74 2.27 0.00	39.46 2.55 0.00	42.24 2.05 0.00	47.34 3.18 0.00	50.36 3.21 0.00	47.07 2.91 0.00	44.44 3.18 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.03 2.60 0.00	41.12 2.36 0.00	44.03 3.03 0.00	47.10 2.93 -0.46	56.33 3.98 0.00	65.16 5.05 0.00	56.58 4.29 0.00	55.82 4.22 -1.89	49.47 3.67 0.00	45.98 3.25 0.00	44.32 2.82 0.00
HOLTSVILLE_IC_8 23697	42.92 2.39 0.00	41.96 2.74 0.00	39.17 2.63 0.00	36.74 2.27 0.00	39.46 2.55 0.00	42.24 2.05 0.00	47.34 3.18 0.00	50.36 3.21 0.00	47.07 2.91 0.00	44.44 3.18 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.03 2.60 0.00	41.12 2.36 0.00	44.03 3.03 0.00	47.10 2.93 -0.46	56.33 3.98 0.00	65.16 5.05 0.00	56.58 4.29 0.00	55.82 4.22 -1.89	49.47 3.67 0.00	45.98 3.25 0.00	44.32 2.82 0.00
HOLTSVILLE_IC_9 23698	42.92 2.39 0.00	41.96 2.74 0.00	39.17 2.63 0.00	36.74 2.27 0.00	39.46 2.55 0.00	42.24 2.05 0.00	47.34 3.18 0.00	50.36 3.21 0.00	47.07 2.91 0.00	44.44 3.18 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.03 2.60 0.00	41.12 2.36 0.00	44.03 3.03 0.00	47.10 2.93 -0.46	56.33 3.98 0.00	65.16 5.05 0.00	56.58 4.29 0.00	55.82 4.22 -1.89	49.47 3.67 0.00	45.98 3.25 0.00	44.32 2.82 0.00
HOMER_HL_115KV_TB2 355744	40.16 -0.36 0.00	38.47 -0.75 0.00	35.73 -0.80 0.00	33.78 -0.69 0.00	36.36 -0.55 0.00	39.83 -0.36 0.00	44.29 0.13 0.00	46.59 -0.57 0.00	43.40 -0.75 0.00	40.06 -1.20 0.00	39.95 -1.28 0.00	38.36 -1.27 0.00	37.53 -1.28 0.00	38.01 -1.42 0.00	37.40 -1.36 0.00	39.48 -1.52 0.00	42.12 -1.70 -0.11	49.32 -3.04 0.00	55.55 -4.57 0.00	47.69 -4.60 0.00	47.73 -1.99 0.00	44.57 -1.24 0.00	41.45 -1.28 0.00	40.83 -0.66 0.00
HOWARD_WT_PWR 323690	39.84 -0.69 0.00	38.12 -1.10 0.00	35.33 -1.20 0.00	33.29 -1.17 0.00	35.88 -1.03 0.00	39.43 -0.76 0.00	43.68 -0.48 0.00	46.02 -1.13 0.00	42.65 -1.50 0.00	39.40 -1.86 0.00	39.17 -2.06 0.00	37.45 -2.18 0.00	36.36 -2.44 0.00	37.27 -2.29 -0.12	36.47 -2.29 0.00	38.41 -2.58 0.00	41.17 -2.67 -0.13	49.18 -3.30 -0.12	56.21 -4.03 -0.12	49.34 -3.14 -0.19	47.46 -2.39 -0.13	43.70 -2.11 0.00	40.55 -2.18 0.00	39.96 -1.53 0.00

HQ_GEN_CEDARS 23644	45.39 4.86 0.00	43.81 4.59 0.00	40.88 4.35 0.00	38.12 3.65 0.00	39.50 2.58 0.00	42.92 2.73 0.00	46.99 2.83 0.00	50.27 3.11 0.00	46.71 2.56 0.00	43.73 2.48 0.00	44.37 3.13 0.00	43.83 4.20 0.00	42.80 4.00 0.00	43.49 4.06 0.00	42.63 3.88 0.00	43.62 2.62 0.00	46.12 2.40 0.00	54.76 2.41 0.00	64.32 4.21 0.00	55.80 3.50 0.00	53.15 3.43 0.00	49.34 3.53 0.00	46.28 3.55 0.00	45.64 4.11 -0.03
HQ_GEN_CEDARS_PROXY 323590	45.39 4.86 0.00	43.80 4.59 0.00	40.88 4.35 0.00	38.12 3.65 0.00	39.50 2.58 0.00	42.92 2.73 0.00	46.95 2.78 0.00	50.27 3.11 0.00	46.71 2.56 0.00	43.73 2.48 0.00	44.36 3.13 0.00	43.87 4.24 0.00	42.80 4.00 0.00	43.53 4.10 0.00	42.60 3.84 0.00	43.62 2.63 0.00	46.12 2.40 0.00	54.76 2.41 0.00	64.26 4.14 0.00	55.80 3.50 0.00	53.14 3.43 0.00	49.34 3.53 0.00	46.28 3.54 0.00	45.72 4.19 -0.03
HQ_GEN_IMPORT 323601	40.20 -0.33 0.00	38.95 -0.27 0.00	36.32 -0.22 0.00	34.26 -0.21 0.00	36.69 -0.22 0.00	39.99 -0.20 0.00	43.94 -0.22 0.00	46.88 -0.28 0.00	43.89 -0.26 0.00	40.97 -0.29 0.00	40.99 -0.25 0.00	39.44 -0.20 0.00	38.65 -0.15 0.00	39.23 -0.20 0.00	38.53 -0.23 0.00	40.75 -0.24 0.00	43.46 -0.26 0.00	51.93 -0.42 0.00	59.63 -0.48 0.00	51.77 -0.52 0.00	49.17 -0.55 0.00	45.31 -0.50 0.00	42.30 -0.43 0.00	41.04 -0.46 0.00
HQ_GEN_WHEEL 23651	40.20 -0.33 0.00	38.95 -0.27 0.00	36.32 -0.22 0.00	34.26 -0.21 0.00	36.69 -0.22 0.00	39.99 -0.20 0.00	43.94 -0.22 0.00	46.88 -0.28 0.00	43.89 -0.26 0.00	40.97 -0.29 0.00	40.99 -0.25 0.00	39.44 -0.20 0.00	38.65 -0.15 0.00	39.23 -0.20 0.00	38.53 -0.23 0.00	40.75 -0.24 0.00	43.46 -0.26 0.00	51.93 -0.42 0.00	59.63 -0.48 0.00	51.77 -0.52 0.00	49.17 -0.55 0.00	45.31 -0.50 0.00	42.30 -0.43 0.00	41.04 -0.46 0.00
HUDSON AVE_GT_3 23810	42.64 2.11 0.00	41.22 2.00 0.00	38.36 1.83 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.27 3.01 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.23 2.80 0.00	41.39 2.64 0.00	43.98 2.99 0.00	47.25 3.06 -0.47	56.02 3.66 0.00	64.08 3.97 0.00	55.85 3.56 0.00	53.11 3.38 -0.01	48.92 3.11 0.00	45.68 2.95 0.00	44.28 2.78 0.00
HUDSON AVE_GT_4 23540	42.64 2.11 0.00	41.22 2.00 0.00	38.36 1.83 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.27 3.01 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.23 2.80 0.00	41.39 2.64 0.00	43.98 2.99 0.00	47.25 3.06 -0.47	56.02 3.66 0.00	64.08 3.97 0.00	55.85 3.56 0.00	53.11 3.38 -0.01	48.92 3.11 0.00	45.68 2.95 0.00	44.28 2.78 0.00
HUDSON AVE_GT_5 23657	42.64 2.11 0.00	41.22 2.00 0.00	38.36 1.83 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.27 3.01 0.00	44.24 3.01 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.23 2.80 0.00	41.39 2.64 0.00	43.98 2.99 0.00	47.25 3.06 -0.47	56.02 3.66 0.00	64.08 3.97 0.00	55.85 3.56 0.00	53.11 3.38 -0.01	48.92 3.11 0.00	45.68 2.95 0.00	44.28 2.78 0.00
HUDSON_AVE_10 24168	42.56 2.03 0.00	41.14 1.92 0.00	38.25 1.72 0.00	35.95 1.48 0.00	38.46 1.55 0.00	41.92 1.73 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.11 2.96 0.00	44.23 2.97 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.19 2.76 0.00	41.35 2.60 0.00	43.98 2.99 0.00	47.21 3.02 -0.47	55.91 3.56 0.00	64.02 3.91 0.00	55.80 3.50 0.00	53.06 3.33 -0.01	48.88 3.07 0.00	45.59 2.86 0.00	44.24 2.74 0.00
HUDSON___115KV_TB 4 355613	42.52 1.99 0.00	41.22 2.00 0.00	38.36 1.83 0.00	36.15 1.69 0.00	38.76 1.85 0.00	42.16 1.97 0.00	46.33 2.16 0.00	49.47 2.31 0.00	46.18 2.03 0.00	42.99 1.73 0.00	42.92 1.69 0.00	41.14 1.51 0.00	40.24 1.44 0.00	40.89 1.46 0.00	40.23 1.47 0.00	42.67 1.68 0.00	47.01 1.70 -1.59	55.23 2.88 0.00	63.54 3.43 0.00	55.33 3.03 0.00	52.53 2.78 -0.03	48.47 2.66 0.00	45.21 2.48 0.00	43.86 2.37 0.00
HUNTER MOUNT___DRP 323613	42.72 2.19 0.00	41.41 2.20 0.00	38.55 2.01 0.00	36.33 1.86 0.00	38.94 2.03 0.00	42.36 2.17 0.00	46.59 2.43 0.00	49.70 2.55 0.00	46.32 2.16 0.00	43.03 1.77 0.00	42.96 1.73 0.00	41.18 1.55 0.00	40.28 1.47 0.00	40.93 1.50 0.00	40.27 1.51 0.00	42.75 1.76 0.00	46.68 1.57 -1.39	55.44 3.09 0.00	63.78 3.67 0.00	55.59 3.29 0.00	52.53 2.78 -0.03	48.69 2.89 0.00	45.38 2.65 0.00	44.03 2.53 0.00
HUNTINGTON_RES_REC 323705	42.72 2.19 0.00	41.61 2.39 0.00	38.77 2.23 0.00	36.36 1.89 0.00	39.02 2.10 0.00	42.04 1.85 0.00	46.99 2.83 0.00	50.18 3.02 0.00	46.94 2.78 0.00	44.19 2.93 0.00	43.99 2.76 0.00	42.17 2.54 0.00	41.29 2.49 0.00	41.83 2.41 0.00	40.73 1.98 0.00	43.58 2.58 0.00	46.79 2.62 -0.46	55.86 3.51 0.00	64.56 4.45 0.00	56.06 3.77 0.00	55.58 3.98 -1.89	49.34 3.53 0.00	45.85 3.12 0.00	44.19 2.70 0.00
HUNTLEY___63 23557	38.91 -1.62 0.00	37.26 -1.96 0.00	34.53 -2.01 0.00	32.67 -1.79 0.00	35.22 -1.70 0.00	38.54 -1.65 0.00	42.70 -1.46 0.00	44.85 -2.31 0.00	41.90 -2.25 0.00	38.70 -2.56 0.00	38.72 -2.52 0.00	37.25 -2.38 0.00	36.59 -2.21 0.00	36.92 -2.48 0.03	36.39 -2.36 0.00	38.33 -2.66 0.00	40.74 -2.97 0.00	47.98 -4.35 0.03	55.22 -4.87 0.03	48.17 -4.08 0.04	46.26 -3.43 0.03	43.15 -2.66 0.00	40.21 -2.52 0.00	39.50 -1.99 0.00
HUNTLEY___64 23558	38.91 -1.62 0.00	37.26 -1.96 0.00	34.53 -2.01 0.00	32.67 -1.79 0.00	35.22 -1.70 0.00	38.54 -1.65 0.00	42.70 -1.46 0.00	44.85 -2.31 0.00	41.90 -2.25 0.00	38.70 -2.56 0.00	38.72 -2.52 0.00	37.25 -2.38 0.00	36.59 -2.21 0.00	36.92 -2.48 0.03	36.39 -2.36 0.00	38.33 -2.66 0.00	40.74 -2.97 0.00	47.98 -4.35 0.03	55.22 -4.87 0.03	48.17 -4.08 0.04	46.26 -3.43 0.03	43.15 -2.66 0.00	40.21 -2.52 0.00	39.50 -1.99 0.00
HUNTLEY___65 23559	38.91 -1.62 0.00	37.26 -1.96 0.00	34.53 -2.01 0.00	32.67 -1.79 0.00	35.22 -1.70 0.00	38.54 -1.65 0.00	42.70 -1.46 0.00	44.85 -2.31 0.00	41.90 -2.25 0.00	38.70 -2.56 0.00	38.72 -2.52 0.00	37.25 -2.38 0.00	36.59 -2.21 0.00	36.92 -2.48 0.03	36.39 -2.36 0.00	38.33 -2.66 0.00	40.74 -2.97 0.00	47.98 -4.35 0.03	55.22 -4.87 0.03	48.17 -4.08 0.04	46.26 -3.43 0.03	43.15 -2.66 0.00	40.21 -2.52 0.00	39.50 -1.99 0.00
HUNTLEY___66 23560	38.91 -1.62 0.00	37.26 -1.96 0.00	34.53 -2.01 0.00	32.67 -1.79 0.00	35.22 -1.70 0.00	38.54 -1.65 0.00	42.70 -1.46 0.00	44.85 -2.31 0.00	41.90 -2.25 0.00	38.70 -2.56 0.00	38.72 -2.52 0.00	37.25 -2.38 0.00	36.59 -2.21 0.00	36.92 -2.48 0.03	36.39 -2.36 0.00	38.33 -2.66 0.00	40.74 -2.97 0.00	47.98 -4.35 0.03	55.22 -4.87 0.03	48.17 -4.08 0.04	46.26 -3.43 0.03	43.15 -2.66 0.00	40.21 -2.52 0.00	39.50 -1.99 0.00



HUNTLEY___67 23561	38.83 -1.70 0.00	37.14 -2.08 0.00	34.45 -2.08 0.00	32.60 -1.86 0.00	35.11 -1.81 0.00	38.38 -1.81 0.00	42.53 -1.63 0.00	44.75 -2.40 0.00	41.72 -2.43 0.00	38.58 -2.68 0.00	38.59 -2.64 0.00	37.10 -2.54 0.00	36.44 -2.37 0.00	36.76 -2.64 0.03	36.28 -2.48 0.00	38.20 -2.79 0.00	40.61 -3.10 0.00	47.82 -4.50 0.03	54.92 -5.17 0.03	47.91 -4.34 0.04	46.11 -3.58 0.03	42.97 -2.84 0.00	40.08 -2.65 0.00	39.38 -2.12 0.00
HUNTLEY___68 23562	38.83 -1.70 0.00	37.14 -2.08 0.00	34.45 -2.08 0.00	32.60 -1.86 0.00	35.11 -1.81 0.00	38.38 -1.81 0.00	42.53 -1.63 0.00	44.75 -2.40 0.00	41.72 -2.43 0.00	38.58 -2.68 0.00	38.59 -2.64 0.00	37.10 -2.54 0.00	36.44 -2.37 0.00	36.76 -2.64 0.03	36.28 -2.48 0.00	38.20 -2.79 0.00	40.61 -3.10 0.00	47.82 -4.50 0.03	54.92 -5.17 0.03	47.91 -4.34 0.04	46.11 -3.58 0.03	42.97 -2.84 0.00	40.08 -2.65 0.00	39.38 -2.12 0.00
HYLAND___LFGE 323620	40.85 0.32 0.00	39.10 -0.12 0.00	36.24 -0.29 0.00	34.26 -0.21 0.00	37.03 0.11 0.00	40.71 0.52 0.00	45.04 0.88 0.00	47.25 0.09 0.00	43.36 -0.79 0.00	39.73 -1.53 0.00	39.42 -1.81 0.00	37.45 -2.18 0.00	36.36 -2.44 0.00	37.43 -2.13 -0.13	36.90 -1.86 0.00	38.94 -2.05 0.00	41.81 -2.01 -0.11	50.76 -1.73 -0.13	58.93 -1.32 -0.13	52.71 0.21 -0.20	50.35 0.50 -0.14	46.04 0.23 0.00	42.73 0.00 0.00	41.91 0.41 0.00
INDECK___CORINTH 23802	43.93 3.40 0.00	42.63 3.41 0.00	39.57 3.03 0.00	37.36 2.90 0.00	40.12 3.21 0.00	43.69 3.49 0.00	48.71 4.55 0.00	51.87 4.72 0.00	48.30 4.15 0.00	44.93 3.67 0.00	44.82 3.59 0.00	42.88 3.25 0.00	41.99 3.18 0.00	42.42 3.00 0.00	41.82 3.06 0.00	44.64 3.65 0.00	52.42 4.29 -4.41	57.49 5.13 0.00	66.18 6.07 0.00	57.42 5.13 0.00	55.13 5.32 -0.09	50.66 4.85 0.00	47.00 4.27 0.00	45.36 3.86 0.00
INDECK___ILION 23567	40.65 0.12 0.00	39.41 0.20 0.00	36.79 0.26 0.00	34.78 0.31 0.00	37.25 0.33 0.00	40.55 0.36 0.00	44.51 0.35 0.00	47.58 0.42 0.00	44.59 0.44 0.00	41.67 0.41 0.00	41.69 0.45 0.00	40.07 0.44 0.00	39.12 0.31 0.00	39.74 0.32 0.00	38.95 0.19 0.00	41.20 0.20 0.00	43.93 0.22 0.00	52.56 0.21 0.00	60.41 0.30 0.00	52.55 0.26 0.00	49.91 0.20 0.00	45.95 0.14 0.00	42.86 0.13 0.00	41.58 0.08 0.00
INDECK___OLEAN 23982	40.16 -0.37 0.00	38.47 -0.75 0.00	35.73 -0.80 0.00	33.78 -0.69 0.00	36.36 -0.55 0.00	39.95 -0.24 0.00	44.21 0.04 0.00	46.21 -0.94 0.00	43.05 -1.10 0.00	40.10 -1.15 0.00	40.00 -1.24 0.00	38.36 -1.27 0.00	37.21 -1.59 0.00	38.05 -1.38 0.00	37.44 -1.32 0.00	39.48 -1.52 0.00	42.12 -1.71 -0.11	49.89 -2.46 0.00	55.43 -4.69 0.00	47.90 -4.39 0.00	47.83 -1.89 0.00	44.62 -1.19 0.00	41.45 -1.28 0.00	41.29 -0.21 0.00
INDECK___OSWEGO 23783	40.77 0.24 0.00	39.26 0.04 0.00	36.54 0.00 0.00	34.43 -0.03 0.00	36.99 0.07 0.00	40.31 0.12 0.00	44.47 0.31 0.00	47.58 0.42 0.00	44.55 0.40 0.00	41.51 0.25 0.00	41.48 0.25 0.00	39.91 0.28 0.00	39.04 0.23 0.00	39.82 0.39 0.00	39.14 0.39 0.00	41.03 0.04 0.00	43.76 0.04 0.00	52.40 0.05 0.00	60.65 0.54 0.00	52.97 0.68 0.00	50.46 0.75 0.00	46.40 0.59 0.00	43.03 0.30 0.00	41.91 0.41 0.00
INDECK___YERKES 23781	38.99 -1.54 0.00	37.30 -1.92 0.00	34.60 -1.94 0.00	32.71 -1.76 0.00	35.25 -1.66 0.00	38.66 -1.53 0.00	42.61 -1.55 0.00	44.52 -2.64 0.00	41.68 -2.47 0.00	38.99 -2.27 0.00	39.04 -2.19 0.00	37.45 -2.18 0.00	36.28 -2.52 0.00	37.19 -2.21 0.03	36.59 -2.17 0.00	38.41 -2.58 0.00	40.79 -2.93 0.00	48.19 -4.14 0.03	55.04 -5.05 0.03	48.33 -3.92 0.04	46.56 -3.13 0.03	43.20 -2.61 0.00	40.25 -2.48 0.00	40.17 -1.33 0.00
INDIAN POINT_GT_1 24139	42.31 1.78 0.00	40.94 1.73 0.00	38.14 1.61 0.00	35.88 1.41 0.00	38.39 1.48 0.00	41.76 1.57 0.00	46.15 1.99 0.00	49.70 2.55 0.00	46.71 2.56 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.97 2.34 0.00	40.98 2.17 0.00	41.76 2.33 0.00	40.97 2.21 0.00	43.53 2.54 0.00	46.90 2.71 -0.47	55.55 3.19 0.00	63.60 3.49 0.00	55.38 3.09 0.00	52.66 2.93 -0.01	48.51 2.70 0.00	45.21 2.48 0.00	43.90 2.41 0.00
INDIAN POINT_GT_2 23659	42.31 1.78 0.00	40.94 1.73 0.00	38.14 1.61 0.00	35.88 1.41 0.00	38.39 1.48 0.00	41.76 1.57 0.00	46.15 1.99 0.00	49.70 2.55 0.00	46.71 2.56 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.97 2.34 0.00	40.98 2.17 0.00	41.76 2.33 0.00	40.97 2.21 0.00	43.53 2.54 0.00	46.90 2.71 -0.47	55.55 3.19 0.00	63.60 3.49 0.00	55.38 3.09 0.00	52.66 2.93 -0.01	48.51 2.70 0.00	45.21 2.48 0.00	43.90 2.41 0.00
INDIAN POINT_GT_3 24019	42.31 1.78 0.00	40.94 1.73 0.00	38.14 1.61 0.00	35.88 1.41 0.00	38.39 1.48 0.00	41.76 1.57 0.00	46.15 1.99 0.00	49.70 2.55 0.00	46.71 2.56 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.97 2.34 0.00	40.98 2.17 0.00	41.76 2.33 0.00	40.97 2.21 0.00	43.53 2.54 0.00	46.90 2.71 -0.47	55.55 3.19 0.00	63.60 3.49 0.00	55.38 3.09 0.00	52.66 2.93 -0.01	48.51 2.70 0.00	45.21 2.48 0.00	43.90 2.41 0.00
INDIAN POINT___2 23530	42.35 1.83 0.00	41.02 1.81 0.00	38.18 1.65 0.00	35.91 1.45 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.24 2.08 0.00	49.61 2.45 0.00	46.53 2.38 0.00	43.65 2.39 0.00	43.58 2.35 0.00	41.85 2.22 0.00	41.02 2.21 0.00	41.64 2.21 0.00	40.93 2.17 0.00	43.66 2.66 0.00	46.93 2.76 -0.46	55.60 3.25 0.00	63.78 3.67 0.00	55.48 3.19 0.00	52.71 2.98 -0.01	48.60 2.79 0.00	45.38 2.65 0.00	43.86 2.36 0.00
INDIAN POINT___3 23531	42.15 1.62 0.00	40.79 1.57 0.00	38.00 1.46 0.00	35.74 1.28 0.00	38.24 1.33 0.00	41.60 1.41 0.00	45.97 1.81 0.00	49.51 2.36 0.00	46.54 2.38 0.00	43.65 2.39 0.00	43.58 2.35 0.00	41.81 2.18 0.00	40.82 2.02 0.00	41.60 2.17 0.00	40.81 2.05 0.00	43.33 2.34 0.00	46.67 2.49 -0.46	55.28 2.93 0.00	63.30 3.19 0.00	55.17 2.88 0.00	52.46 2.73 -0.01	48.28 2.47 0.00	45.04 2.31 0.00	43.70 2.20 0.00
INGHAM_C_115KV_TB7 356103	40.29 -0.24 0.00	39.18 -0.04 0.00	36.68 0.15 0.00	34.71 0.24 0.00	37.21 0.30 0.00	40.51 0.32 0.00	44.38 0.22 0.00	47.44 0.28 0.00	44.46 0.31 0.00	41.55 0.29 0.00	41.56 0.33 0.00	39.99 0.36 0.00	38.96 0.16 0.00	39.51 0.08 0.00	38.68 -0.08 0.00	40.87 -0.12 0.00	43.50 -0.22 0.00	51.99 -0.37 0.00	59.75 -0.36 0.00	51.98 -0.31 0.00	49.37 -0.35 0.00	45.40 -0.41 0.00	42.35 -0.38 0.00	41.08 -0.41 0.00
IP CORINTH___1 23988	43.89 3.36 0.00	42.63 3.41 0.00	39.57 3.03 0.00	37.36 2.90 0.00	40.13 3.21 0.00	43.69 3.50 0.00	48.71 4.55 0.00	52.01 4.86 0.00	48.43 4.28 0.00	45.14 3.88 0.00	45.07 3.83 0.00	43.04 3.41 0.00	42.07 3.26 0.00	42.62 3.19 0.00	42.01 3.26 0.00	44.68 3.69 0.00	52.36 4.28 -4.36	57.48 5.13 0.00	66.19 6.07 0.00	57.42 5.12 0.00	55.18 5.37 -0.09	50.66 4.86 0.00	46.96 4.23 0.00	45.36 3.86 0.00

IP___TICONDEROGA 23804	45.47 4.94 0.00	44.16 4.94 0.00	40.92 4.38 0.00	38.60 4.14 0.00	41.57 4.65 0.00	45.29 5.10 0.00	50.74 6.58 0.00	54.04 6.88 0.00	50.16 6.00 0.00	46.58 5.32 0.00	46.63 5.40 0.00	44.47 4.84 0.00	43.54 4.73 0.00	44.04 4.61 0.00	43.45 4.69 0.00	46.28 5.29 0.00	54.22 6.16 -4.34	59.79 7.43 0.00	69.19 9.08 0.00	59.93 7.63 0.00	57.86 8.05 -0.09	52.95 7.15 0.00	48.97 6.24 0.00	47.14 5.64 0.00
ISLIP_RES_REC 323679	43.08 2.55 0.00	42.12 2.90 0.00	39.31 2.78 0.00	36.84 2.38 0.00	39.57 2.66 0.00	42.40 2.21 0.00	47.56 3.40 0.00	50.60 3.44 0.00	47.29 3.14 0.00	44.60 3.34 0.00	44.41 3.18 0.00	42.56 2.93 0.00	41.64 2.83 0.00	42.19 2.76 0.00	41.28 2.52 0.00	44.23 3.24 0.00	47.32 3.15 -0.46	56.59 4.24 0.00	65.53 5.41 0.00	56.90 4.60 0.00	56.12 4.52 -1.89	49.75 3.94 0.00	46.15 3.42 0.00	44.52 3.03 0.00
JAMAICA__27_KV_LOAD 355505	42.88 2.35 0.00	41.45 2.24 0.00	38.51 1.97 0.00	36.12 1.65 0.00	38.69 1.77 0.00	42.24 2.05 0.00	46.68 2.52 0.00	50.46 3.30 0.00	47.55 3.40 0.00	44.68 3.42 0.00	44.69 3.46 0.00	42.84 3.21 0.00	41.83 3.03 0.00	42.62 3.19 0.00	41.82 3.06 0.00	44.44 3.44 0.00	47.69 3.50 -0.47	56.44 4.08 0.00	64.62 4.51 0.00	56.37 4.08 0.00	53.55 3.83 -0.01	49.38 3.57 0.00	46.02 3.29 0.00	44.65 3.15 0.00
JANIS___SOLAR 323808	42.07 1.54 0.00	40.55 1.33 0.00	37.78 1.24 0.00	35.60 1.14 0.00	38.28 1.37 0.00	41.92 1.73 0.00	46.37 2.21 0.00	49.42 2.26 0.00	46.09 1.94 0.00	42.70 1.44 0.00	42.51 1.28 0.00	40.78 1.15 0.00	39.74 0.93 0.00	40.50 1.07 -0.01	39.80 1.05 0.00	42.14 1.15 0.00	45.43 1.49 -0.23	54.30 1.94 -0.01	62.77 2.64 -0.01	54.71 2.41 -0.01	52.12 2.39 -0.01	47.92 2.11 0.00	44.40 1.66 0.00	43.24 1.74 0.00
JARVIS____ 23743	40.85 0.32 0.00	39.57 0.35 0.00	36.87 0.33 0.00	34.74 0.27 0.00	37.21 0.29 0.00	40.47 0.28 0.00	44.47 0.31 0.00	47.53 0.38 0.00	44.55 0.40 0.00	41.59 0.33 0.00	41.60 0.37 0.00	39.99 0.36 0.00	39.11 0.31 0.00	39.74 0.31 0.00	39.07 0.31 0.00	41.36 0.37 0.00	44.11 0.39 0.00	52.88 0.52 0.00	60.72 0.60 0.00	52.82 0.52 0.00	50.21 0.50 0.00	46.27 0.46 0.00	43.16 0.43 0.00	41.87 0.37 0.00
JENNISON___1 23625	42.35 1.82 0.00	40.87 1.65 0.00	38.11 1.57 0.00	35.91 1.45 0.00	38.54 1.62 0.00	42.16 1.97 0.00	46.68 2.52 0.00	49.89 2.74 0.00	46.71 2.56 0.00	43.28 2.02 0.00	43.17 1.94 0.00	41.49 1.86 0.00	40.51 1.71 0.00	41.20 1.77 0.00	40.50 1.74 0.00	42.96 1.97 0.00	46.35 2.27 -0.36	55.07 2.72 0.00	63.60 3.49 0.00	55.17 2.88 0.00	52.51 2.78 -0.01	48.37 2.57 0.00	44.91 2.18 0.00	43.53 2.03 0.00
JENNISON___2 23626	42.35 1.82 0.00	40.87 1.65 0.00	38.11 1.57 0.00	35.91 1.45 0.00	38.54 1.62 0.00	42.16 1.97 0.00	46.68 2.52 0.00	49.89 2.74 0.00	46.71 2.56 0.00	43.28 2.02 0.00	43.17 1.94 0.00	41.49 1.86 0.00	40.51 1.71 0.00	41.20 1.77 0.00	40.50 1.74 0.00	42.96 1.97 0.00	46.35 2.27 -0.36	55.07 2.72 0.00	63.60 3.49 0.00	55.17 2.88 0.00	52.51 2.78 -0.01	48.37 2.57 0.00	44.91 2.18 0.00	43.53 2.03 0.00
JERICHO_RISE_WT_PWR 323719	39.68 -0.85 0.00	38.47 -0.75 0.00	35.99 -0.55 0.00	34.09 -0.38 0.00	36.43 -0.48 0.00	39.79 -0.40 0.00	43.76 -0.40 0.00	46.64 -0.52 0.00	43.49 -0.66 0.00	40.64 -0.62 0.00	40.78 -0.45 0.00	39.40 -0.24 0.00	38.65 -0.15 0.00	39.16 -0.27 0.00	38.37 -0.39 0.00	40.42 -0.57 0.00	43.06 -0.65 0.00	51.30 -1.05 0.00	58.85 -1.27 0.00	50.73 -1.57 0.00	48.08 -1.64 0.00	44.25 -1.56 0.00	41.32 -1.41 0.00	40.03 -1.45 0.01
KATONAH___115KV_46KV_TB4 355592	42.56 2.03 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.61 1.70 0.00	41.96 1.77 0.00	46.41 2.25 0.00	50.08 2.92 0.00	46.98 2.83 0.00	44.11 2.85 0.00	43.95 2.72 0.00	42.17 2.54 0.00	41.17 2.37 0.00	41.99 2.56 0.00	41.24 2.48 0.00	43.86 2.87 0.00	47.25 3.06 -0.48	55.91 3.56 0.00	64.02 3.91 0.00	55.74 3.45 0.00	52.96 3.23 -0.01	48.88 3.07 0.00	45.42 2.69 0.00	44.15 2.66 0.00
KCE_NY_1 323755	42.96 2.43 0.00	41.69 2.47 0.00	38.77 2.23 0.00	36.57 2.10 0.00	39.20 2.29 0.00	42.64 2.45 0.00	47.25 3.09 0.00	50.36 3.21 0.00	47.02 2.87 0.00	43.82 2.56 0.00	43.79 2.56 0.00	41.97 2.34 0.00	41.13 2.33 0.00	41.68 2.25 0.00	41.04 2.29 0.00	43.74 2.75 0.00	51.38 3.19 -4.47	56.12 3.77 0.00	64.50 4.39 0.00	56.06 3.77 0.00	53.64 3.83 -0.10	49.25 3.44 0.00	45.85 3.12 0.00	44.36 2.86 0.00
KCE_NY_6_ESR 323823	39.48 -1.05 0.00	37.77 -1.45 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.73 -1.18 0.00	39.19 -1.00 0.00	43.28 -0.88 0.00	45.22 -1.94 0.00	42.25 -1.90 0.00	39.49 -1.77 0.00	39.54 -1.69 0.00	37.93 -1.70 0.00	36.75 -2.06 0.00	37.67 -1.73 0.02	37.05 -1.70 0.00	38.94 -2.05 0.00	41.35 -2.36 0.00	48.87 -3.46 0.02	55.40 -4.69 0.02	48.39 -3.87 0.04	47.16 -2.53 0.02	43.79 -2.01 0.00	40.81 -1.92 0.00	40.71 -0.79 0.00
KEDC_PORT_JEFF_GT2 24210	42.92 2.39 0.00	41.96 2.74 0.00	39.13 2.59 0.00	36.70 2.24 0.00	39.43 2.51 0.00	42.20 2.01 0.00	47.30 3.14 0.00	50.36 3.21 0.00	47.07 2.91 0.00	44.39 3.13 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.48 2.68 0.00	42.03 2.60 0.00	41.08 2.33 0.00	43.98 2.99 0.00	47.10 2.93 -0.46	56.28 3.93 0.00	65.10 4.99 0.00	56.53 4.23 0.00	55.82 4.22 -1.89	49.47 3.67 0.00	45.94 3.21 0.00	44.32 2.82 0.00
KEDC_PORT_JEFF_GT3 24211	42.92 2.39 0.00	41.96 2.74 0.00	39.13 2.59 0.00	36.70 2.24 0.00	39.43 2.51 0.00	42.20 2.01 0.00	47.30 3.14 0.00	50.36 3.21 0.00	47.07 2.91 0.00	44.39 3.13 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.48 2.68 0.00	42.03 2.60 0.00	41.08 2.33 0.00	43.98 2.99 0.00	47.10 2.93 -0.46	56.28 3.93 0.00	65.10 4.99 0.00	56.53 4.23 0.00	55.82 4.22 -1.89	49.47 3.67 0.00	45.94 3.21 0.00	44.32 2.82 0.00
KEDC_GLWD_GT4 24219	42.88 2.35 0.00	41.61 2.39 0.00	38.73 2.19 0.00	36.36 1.89 0.00	38.98 2.07 0.00	42.24 2.05 0.00	47.03 2.87 0.00	50.41 3.25 0.00	47.20 3.04 0.00	44.35 3.10 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.52 2.72 0.00	42.11 2.68 0.00	41.24 2.48 0.00	44.07 3.08 0.00	47.41 3.23 -0.46	56.38 4.03 0.00	64.93 4.81 0.00	56.42 4.13 0.00	55.68 4.08 -1.89	49.47 3.67 0.00	46.02 3.29 0.00	44.44 2.95 0.00
KEDC_GLWD_GT5 24220	42.88 2.35 0.00	41.61 2.39 0.00	38.73 2.19 0.00	36.36 1.89 0.00	38.98 2.07 0.00	42.24 2.05 0.00	47.03 2.87 0.00	50.41 3.25 0.00	47.20 3.04 0.00	44.35 3.10 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.52 2.72 0.00	42.11 2.68 0.00	41.24 2.48 0.00	44.07 3.08 0.00	47.41 3.23 -0.46	56.38 4.03 0.00	64.93 4.81 0.00	56.42 4.13 0.00	55.68 4.08 -1.89	49.47 3.67 0.00	46.02 3.29 0.00	44.44 2.95 0.00

KENSICO____ 23655	42.35 1.82 0.00	40.98 1.76 0.00	38.18 1.64 0.00	35.91 1.45 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.19 2.03 0.00	49.80 2.64 0.00	46.80 2.65 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.05 2.42 0.00	41.06 2.25 0.00	41.87 2.44 0.00	41.04 2.29 0.00	43.62 2.62 0.00	46.94 2.75 -0.47	55.60 3.25 0.00	63.66 3.55 0.00	55.48 3.19 0.00	52.76 3.03 -0.01	48.56 2.75 0.00	45.30 2.56 0.00	43.94 2.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.23 1.70 0.00	40.83 1.61 0.00	38.04 1.50 0.00	35.77 1.31 0.00	38.32 1.40 0.00	41.72 1.53 0.00	46.15 1.99 0.00	49.56 2.40 0.00	46.49 2.34 0.00	43.40 2.15 0.00	43.29 2.06 0.00	41.53 1.90 0.00	40.55 1.75 0.00	41.36 1.93 0.00	40.62 1.86 0.00	43.16 2.17 0.00	46.68 2.45 -0.52	55.39 3.04 0.00	63.54 3.43 0.00	55.43 3.14 0.00	52.61 2.88 -0.01	48.47 2.66 0.00	45.12 2.39 0.00	43.74 2.24 0.00
KIAC_JFK_GT1 23816	42.68 2.15 0.00	41.26 2.04 0.00	38.33 1.79 0.00	35.95 1.48 0.00	38.50 1.59 0.00	42.04 1.85 0.00	46.46 2.30 0.00	50.17 3.02 0.00	47.33 3.18 0.00	44.44 3.18 0.00	44.45 3.22 0.00	42.64 3.01 0.00	41.64 2.83 0.00	42.43 3.00 0.00	41.59 2.83 0.00	44.19 3.20 0.00	47.47 3.28 -0.47	55.91 3.56 0.00	64.02 3.91 0.00	55.85 3.56 0.00	53.06 3.33 -0.01	49.06 3.25 0.00	45.77 3.03 0.00	44.40 2.90 0.00
KIAC_JFK_GT2 23817	42.68 2.15 0.00	41.26 2.04 0.00	38.33 1.79 0.00	35.95 1.48 0.00	38.50 1.59 0.00	42.04 1.85 0.00	46.46 2.30 0.00	50.17 3.02 0.00	47.33 3.18 0.00	44.44 3.18 0.00	44.45 3.22 0.00	42.64 3.01 0.00	41.64 2.83 0.00	42.43 3.00 0.00	41.59 2.83 0.00	44.19 3.20 0.00	47.47 3.28 -0.47	55.91 3.56 0.00	64.02 3.91 0.00	55.85 3.56 0.00	53.06 3.33 -0.01	49.06 3.25 0.00	45.77 3.03 0.00	44.40 2.90 0.00
KIAC_JFK____ 323774	42.60 2.07 0.00	41.26 2.04 0.00	38.33 1.79 0.00	35.95 1.48 0.00	38.50 1.59 0.00	41.96 1.77 0.00	46.46 2.29 0.00	49.99 2.83 0.00	46.94 2.78 0.00	44.15 2.89 0.00	44.07 2.84 0.00	42.33 2.70 0.00	41.56 2.76 0.00	42.19 2.76 0.00	41.47 2.71 0.00	44.27 3.28 0.00	47.45 3.28 -0.46	55.91 3.56 0.00	64.14 4.03 0.00	55.80 3.50 0.00	52.95 3.23 -0.01	49.11 3.30 0.00	45.89 3.16 0.00	44.28 2.78 0.00
KINTIGH____ 23543	38.54 -1.99 0.00	36.87 -2.35 0.00	34.24 -2.30 0.00	32.36 -2.10 0.00	34.85 -2.07 0.00	38.10 -2.09 0.00	42.09 -2.08 0.00	44.42 -2.74 0.00	41.46 -2.69 0.00	38.41 -2.85 0.00	38.43 -2.80 0.00	36.94 -2.69 0.00	36.32 -2.48 0.00	36.69 -2.72 0.02	36.16 -2.60 0.00	38.12 -2.87 0.00	40.52 -3.19 0.00	48.04 -4.29 0.02	55.58 -4.51 0.02	48.76 -3.50 0.03	46.11 -3.58 0.02	42.78 -3.02 0.00	39.91 -2.82 0.00	39.09 -2.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.68 -0.85 0.00	38.55 -0.67 0.00	36.14 -0.40 0.00	34.40 -0.07 0.00	36.88 -0.04 0.00	40.43 0.24 0.00	44.51 0.35 0.00	47.30 0.14 0.00	44.06 -0.09 0.00	41.13 -0.12 0.00	41.27 0.04 0.00	39.91 0.28 0.00	39.19 0.39 0.00	39.78 0.35 0.00	38.99 0.23 0.00	40.91 -0.08 0.00	43.54 -0.17 0.00	51.78 -0.58 0.00	59.33 -0.78 0.00	50.83 -1.46 0.00	48.12 -1.59 0.00	44.11 -1.69 0.00	41.07 -1.67 0.00	39.78 -1.70 0.01
LACHUTE__HYDRO 323717	45.47 4.94 0.00	44.16 4.94 0.00	40.92 4.38 0.00	38.60 4.13 0.00	41.57 4.65 0.00	45.29 5.10 0.00	50.74 6.58 0.00	53.85 6.69 0.00	49.98 5.83 0.00	46.37 5.11 0.00	46.34 5.11 0.00	44.31 4.67 0.00	43.46 4.65 0.00	43.84 4.42 0.00	43.21 4.46 0.00	46.20 5.21 0.00	54.28 6.17 -4.39	59.78 7.43 0.00	69.13 9.01 0.00	59.93 7.63 0.00	57.86 8.05 -0.09	52.95 7.14 0.00	48.97 6.24 0.00	47.18 5.69 0.00
LAWRNCAL_115KV_TB1 80681	44.66 4.13 0.00	43.10 3.88 0.00	40.23 3.69 0.00	37.50 3.03 0.00	38.80 1.88 0.00	42.16 1.97 0.00	46.15 1.99 0.00	49.42 2.26 0.00	45.87 1.72 0.00	42.99 1.73 0.00	43.58 2.35 0.00	43.12 3.49 0.00	42.10 3.30 0.00	42.78 3.35 0.00	41.94 3.18 0.00	42.88 1.89 0.00	45.33 1.62 0.00	53.82 1.47 0.00	63.24 3.13 0.00	54.91 2.61 0.00	52.25 2.54 0.00	48.51 2.70 0.00	45.51 2.78 0.00	44.89 3.36 -0.03
LEDERLE____ 23769	42.19 1.66 0.00	40.83 1.61 0.00	38.00 1.46 0.00	35.77 1.31 0.00	38.28 1.37 0.00	41.68 1.49 0.00	46.10 1.94 0.00	49.66 2.50 0.00	46.67 2.52 0.00	43.73 2.48 0.00	43.62 2.39 0.00	41.89 2.26 0.00	40.90 2.10 0.00	41.72 2.29 0.00	40.93 2.17 0.00	43.45 2.46 0.00	46.83 2.67 -0.45	55.49 3.14 0.00	63.54 3.43 0.00	55.38 3.09 0.00	52.61 2.88 -0.01	48.47 2.66 0.00	45.12 2.39 0.00	43.78 2.28 0.00
LIGHTHSE_115KV_TB6 355974	40.73 0.20 0.00	39.22 0.00 0.00	36.54 0.00 0.00	34.40 -0.07 0.00	36.84 -0.07 0.00	40.19 0.00 0.00	44.34 0.18 0.00	47.35 0.19 0.00	44.20 0.04 0.00	41.09 -0.17 0.00	41.11 -0.12 0.00	39.63 0.00 0.00	38.81 0.00 0.00	39.43 0.00 0.00	38.76 0.00 0.00	40.79 -0.20 0.00	43.50 -0.22 0.00	52.19 -0.16 0.00	60.60 0.48 0.00	52.92 0.63 0.00	50.31 0.60 0.00	46.31 0.50 0.00	42.99 0.26 0.00	41.62 0.12 0.00
LINDEN COGEN____ 23786	42.27 1.74 0.00	40.90 1.69 0.00	38.07 1.53 0.00	35.81 1.34 0.00	38.32 1.40 0.00	41.68 1.49 0.00	45.88 1.72 0.00	49.47 2.31 0.00	46.45 2.29 0.00	43.65 2.39 0.00	43.54 2.31 0.00	41.81 2.18 0.00	41.02 2.21 0.00	41.64 2.21 0.00	40.93 2.17 0.00	43.66 2.66 0.00	46.88 2.71 -0.46	55.55 3.19 0.00	63.72 3.61 0.00	55.43 3.14 0.00	52.61 2.88 -0.01	48.56 2.75 0.00	45.38 2.65 0.00	43.86 2.36 0.00
LINDHRST_69_KV_BK1 356055	43.20 2.67 0.00	41.96 2.75 0.00	39.13 2.59 0.00	36.71 2.24 0.00	39.39 2.47 0.00	42.52 2.33 0.00	47.38 3.22 0.00	51.02 3.87 0.00	47.86 3.71 0.00	44.93 3.67 0.00	44.90 3.67 0.00	42.96 3.33 0.00	41.83 3.03 0.00	42.66 3.23 0.00	41.59 2.83 0.00	44.27 3.28 0.00	47.60 3.41 -0.47	56.75 4.40 0.00	65.46 5.35 0.00	56.95 4.65 0.00	56.27 4.67 -1.89	49.84 4.03 0.00	46.32 3.59 0.00	44.82 3.32 0.00
LIPA_MISC_IPP 23656	42.64 2.11 0.00	41.81 2.59 0.00	39.06 2.52 0.00	36.60 2.14 0.00	39.31 2.40 0.00	41.96 1.77 0.00	46.81 2.65 0.00	50.13 2.97 0.00	47.02 2.87 0.00	44.39 3.14 0.00	44.49 3.26 0.00	42.56 2.93 0.00	41.33 2.52 0.00	42.19 2.76 0.00	41.01 2.25 0.00	43.70 2.71 0.00	46.68 2.49 -0.47	55.81 3.46 0.00	64.50 4.39 0.00	56.06 3.77 0.00	55.38 3.78 -1.89	48.97 3.16 0.00	45.47 2.73 0.00	44.03 2.53 0.00
LISF__SOLAR 323691	42.68 2.15 0.00	41.89 2.67 0.00	39.13 2.59 0.00	36.67 2.21 0.00	39.39 2.47 0.00	42.00 1.81 0.00	47.12 2.96 0.00	49.99 2.83 0.00	46.67 2.52 0.00	44.15 2.89 0.00	43.95 2.72 0.00	42.13 2.50 0.00	41.25 2.45 0.00	41.76 2.33 0.00	40.85 2.09 0.00	43.74 2.75 0.00	46.71 2.53 -0.46	55.86 3.51 0.00	64.68 4.57 0.00	56.16 3.87 0.00	55.43 3.83 -1.89	49.11 3.30 0.00	45.60 2.86 0.00	43.99 2.49 0.00

LITTLE FALLS___HYD 24013	40.29 -0.24 0.00	39.18 -0.04 0.00	36.68 0.15 0.00	34.71 0.24 0.00	37.21 0.30 0.00	40.51 0.32 0.00	44.38 0.22 0.00	47.44 0.28 0.00	44.46 0.31 0.00	41.55 0.29 0.00	41.56 0.33 0.00	39.99 0.36 0.00	38.96 0.16 0.00	39.51 0.08 0.00	38.68 -0.08 0.00	40.87 -0.12 0.00	43.50 -0.22 0.00	51.99 -0.37 0.00	59.75 -0.36 0.00	51.98 -0.31 0.00	49.37 -0.35 0.00	45.40 -0.41 0.00	42.35 -0.38 0.00	41.08 -0.41 0.00
LITTLRIV_115KV_TB1 356100	45.11 4.58 0.00	43.53 4.31 0.00	40.63 4.09 0.00	37.88 3.41 0.00	39.24 2.33 0.00	42.72 2.53 0.00	46.81 2.65 0.00	50.08 2.92 0.00	46.45 2.30 0.00	43.36 2.10 0.00	43.95 2.72 0.00	43.48 3.84 0.00	42.38 3.57 0.00	43.10 3.67 0.00	42.25 3.49 0.00	43.16 2.17 0.00	45.73 2.01 0.00	54.39 2.04 0.00	64.26 4.15 0.00	55.85 3.56 0.00	53.19 3.48 0.00	49.29 3.48 0.00	46.19 3.46 0.00	45.51 3.98 -0.03
LI_NEWBRDGE___DRP 323616	42.60 2.07 0.00	41.30 2.08 0.00	38.47 1.94 0.00	36.12 1.65 0.00	38.72 1.81 0.00	41.92 1.73 0.00	46.59 2.43 0.00	50.17 3.02 0.00	47.11 2.96 0.00	44.27 3.01 0.00	44.24 3.01 0.00	42.37 2.73 0.00	41.29 2.48 0.00	42.11 2.68 0.00	41.04 2.29 0.00	43.66 2.66 0.00	46.94 2.75 -0.47	55.86 3.51 0.00	64.20 4.09 0.00	55.90 3.61 0.00	55.23 3.63 -1.89	49.01 3.21 0.00	45.59 2.86 0.00	44.15 2.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.50 -2.03 0.00	36.83 -2.39 0.00	34.13 -2.41 0.00	32.29 -2.17 0.00	34.81 -2.10 0.00	38.06 -2.13 0.00	42.17 -1.99 0.00	44.33 -2.83 0.00	41.33 -2.83 0.00	38.16 -3.09 0.00	38.18 -3.05 0.00	36.70 -2.93 0.00	36.09 -2.72 0.00	36.36 -3.04 0.03	35.89 -2.87 0.00	37.84 -3.16 0.00	40.22 -3.50 0.00	47.45 -4.87 0.03	54.67 -5.41 0.03	47.85 -4.39 0.05	45.70 -3.98 0.03	42.56 -3.25 0.00	39.74 -2.99 0.00	39.01 -2.49 0.00
LOCKPORT___CC1 323769	38.50 -2.03 0.00	36.79 -2.43 0.00	34.12 -2.41 0.00	32.29 -2.17 0.00	34.77 -2.14 0.00	38.14 -2.05 0.00	42.04 -2.12 0.00	43.95 -3.21 0.00	41.06 -3.09 0.00	38.37 -2.89 0.00	38.39 -2.84 0.00	36.82 -2.81 0.00	35.70 -3.11 0.00	36.55 -2.84 0.04	36.01 -2.75 0.00	37.79 -3.20 0.00	40.18 -3.54 0.00	47.45 -4.87 0.04	54.36 -5.71 0.04	47.84 -4.39 0.06	45.90 -3.78 0.04	42.51 -3.30 0.00	39.70 -3.03 0.00	39.59 -1.91 0.00
LOCKPORT___CC2 323770	38.50 -2.03 0.00	36.79 -2.43 0.00	34.12 -2.41 0.00	32.29 -2.17 0.00	34.77 -2.14 0.00	38.14 -2.05 0.00	42.04 -2.12 0.00	43.95 -3.21 0.00	41.06 -3.09 0.00	38.37 -2.89 0.00	38.39 -2.84 0.00	36.82 -2.81 0.00	35.70 -3.11 0.00	36.55 -2.84 0.04	36.01 -2.75 0.00	37.79 -3.20 0.00	40.18 -3.54 0.00	47.45 -4.87 0.04	54.36 -5.71 0.04	47.84 -4.39 0.06	45.90 -3.78 0.04	42.51 -3.30 0.00	39.70 -3.03 0.00	39.59 -1.91 0.00
LOCKPORT___CC3 323771	38.50 -2.03 0.00	36.79 -2.43 0.00	34.12 -2.41 0.00	32.29 -2.17 0.00	34.77 -2.14 0.00	38.14 -2.05 0.00	42.04 -2.12 0.00	43.95 -3.21 0.00	41.06 -3.09 0.00	38.37 -2.89 0.00	38.39 -2.84 0.00	36.82 -2.81 0.00	35.70 -3.11 0.00	36.55 -2.84 0.04	36.01 -2.75 0.00	37.79 -3.20 0.00	40.18 -3.54 0.00	47.45 -4.87 0.04	54.36 -5.71 0.04	47.84 -4.39 0.06	45.90 -3.78 0.04	42.51 -3.30 0.00	39.70 -3.03 0.00	39.59 -1.91 0.00
LONG_LAKE_PHOENIX 24014	40.37 -0.16 0.00	38.87 -0.35 0.00	36.21 -0.33 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	44.03 -0.13 0.00	46.97 -0.19 0.00	43.93 -0.22 0.00	40.93 -0.33 0.00	40.86 -0.37 0.00	39.32 -0.32 0.00	38.57 -0.23 0.00	39.23 -0.20 0.00	38.60 -0.16 0.00	40.66 -0.33 0.00	43.37 -0.35 0.00	51.93 -0.42 0.00	60.05 -0.06 0.00	52.34 0.05 0.00	49.76 0.05 0.00	45.85 0.05 0.00	42.52 -0.21 0.00	41.21 -0.29 0.00
LOVETT___3 23632	42.07 1.54 0.00	40.71 1.49 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.52 1.33 0.00	45.88 1.72 0.00	49.42 2.26 0.00	46.45 2.30 0.00	43.57 2.31 0.00	43.46 2.23 0.00	41.69 2.06 0.00	40.75 1.94 0.00	41.52 2.09 0.00	40.73 1.98 0.00	43.25 2.25 0.00	46.57 2.40 -0.45	55.18 2.83 0.00	63.18 3.07 0.00	55.06 2.77 0.00	52.36 2.63 -0.01	48.19 2.38 0.00	44.95 2.22 0.00	43.61 2.12 0.00
LOVETT___4 23642	42.07 1.54 0.00	40.71 1.49 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.52 1.33 0.00	45.88 1.72 0.00	49.42 2.26 0.00	46.45 2.30 0.00	43.57 2.31 0.00	43.46 2.23 0.00	41.69 2.06 0.00	40.75 1.94 0.00	41.52 2.09 0.00	40.73 1.98 0.00	43.25 2.25 0.00	46.57 2.40 -0.45	55.18 2.83 0.00	63.18 3.07 0.00	55.06 2.77 0.00	52.36 2.63 -0.01	48.19 2.38 0.00	44.95 2.22 0.00	43.61 2.12 0.00
LOVETT___5 23593	42.07 1.54 0.00	40.71 1.49 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.52 1.33 0.00	45.88 1.72 0.00	49.42 2.26 0.00	46.45 2.30 0.00	43.57 2.31 0.00	43.46 2.23 0.00	41.69 2.06 0.00	40.75 1.94 0.00	41.52 2.09 0.00	40.73 1.98 0.00	43.25 2.25 0.00	46.57 2.40 -0.45	55.18 2.83 0.00	63.18 3.07 0.00	55.06 2.77 0.00	52.36 2.63 -0.01	48.19 2.38 0.00	44.95 2.22 0.00	43.61 2.12 0.00
LOWER RAQUET___HYD 24057	44.42 3.89 0.00	42.87 3.65 0.00	40.01 3.47 0.00	37.29 2.83 0.00	38.61 1.70 0.00	41.92 1.73 0.00	45.88 1.72 0.00	49.14 1.98 0.00	45.65 1.50 0.00	42.74 1.48 0.00	43.37 2.14 0.00	42.88 3.25 0.00	41.87 3.06 0.00	42.58 3.16 0.00	41.63 2.87 0.00	42.63 1.64 0.00	45.07 1.36 0.00	53.50 1.15 0.00	62.88 2.77 0.00	54.59 2.30 0.00	51.95 2.24 0.00	48.23 2.43 0.00	45.25 2.52 0.00	44.72 3.20 -0.03
LOWER___HUDSON 24059	42.23 1.70 0.00	40.90 1.69 0.00	38.07 1.53 0.00	35.91 1.45 0.00	38.46 1.55 0.00	41.84 1.65 0.00	46.19 2.03 0.00	49.33 2.17 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.05 1.62 0.00	40.46 1.70 0.00	43.04 2.05 0.00	49.97 2.36 -3.89	54.97 2.62 0.00	63.00 2.89 0.00	54.85 2.56 0.00	52.33 2.53 -0.08	48.10 2.29 0.00	44.91 2.18 0.00	43.53 2.03 0.00
LOWVILLE_115KV_TB2 356335	41.99 1.46 0.00	40.47 1.25 0.00	37.74 1.21 0.00	35.43 0.97 0.00	37.73 0.81 0.00	41.15 0.96 0.00	45.40 1.24 0.00	49.04 1.89 0.00	45.74 1.59 0.00	42.54 1.28 0.00	42.63 1.40 0.00	41.34 1.70 0.00	40.32 1.51 0.00	41.01 1.58 0.00	40.19 1.43 0.00	41.69 0.70 0.00	44.50 0.79 0.00	53.45 1.10 0.00	62.40 2.28 0.00	54.33 2.04 0.00	51.70 1.99 0.00	47.64 1.83 0.00	44.31 1.58 0.00	43.00 1.49 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	42.96 2.43 0.00	41.65 2.43 0.00	38.73 2.19 0.00	36.53 2.07 0.00	39.20 2.29 0.00	42.64 2.45 0.00	47.21 3.05 0.00	50.50 3.35 0.00	47.15 3.00 0.00	44.02 2.76 0.00	43.99 2.76 0.00	42.09 2.46 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.20 2.44 0.00	43.74 2.75 0.00	51.33 3.19 -4.42	56.12 3.77 0.00	64.44 4.33 0.00	56.01 3.71 0.00	53.64 3.83 -0.10	49.20 3.39 0.00	45.81 3.08 0.00	44.36 2.86 0.00

LUTHERNY_35_KV_BK2 355980	42.96 2.43 0.00	41.69 2.47 0.00	38.77 2.23 0.00	36.57 2.10 0.00	39.20 2.29 0.00	42.68 2.49 0.00	47.25 3.09 0.00	50.50 3.35 0.00	47.15 3.00 0.00	44.02 2.76 0.00	44.04 2.80 0.00	42.13 2.50 0.00	41.21 2.41 0.00	41.87 2.44 0.00	41.20 2.44 0.00	43.78 2.79 0.00	51.33 3.19 -4.42	56.12 3.77 0.00	64.50 4.39 0.00	56.06 3.77 0.00	53.64 3.83 -0.10	49.24 3.44 0.00	45.81 3.08 0.00	44.40 2.90 0.00
LWR___OSWEGATCHIE_HYD 23850	43.20 2.67 0.00	41.65 2.43 0.00	38.84 2.30 0.00	36.33 1.86 0.00	38.10 1.18 0.00	41.48 1.29 0.00	45.57 1.41 0.00	48.95 1.79 0.00	45.52 1.37 0.00	42.45 1.20 0.00	42.88 1.65 0.00	42.01 2.38 0.00	41.02 2.21 0.00	41.68 2.25 0.00	40.85 2.09 0.00	42.06 1.07 0.00	44.68 0.96 0.00	53.35 0.99 0.00	62.58 2.46 0.00	54.44 2.14 0.00	51.80 2.09 0.00	47.92 2.11 0.00	44.74 2.01 0.00	43.80 2.28 -0.02
LYONS_FALL_HYD 23570	41.83 1.30 0.00	40.36 1.14 0.00	37.63 1.10 0.00	35.40 0.93 0.00	37.76 0.85 0.00	41.20 1.01 0.00	45.40 1.23 0.00	48.90 1.75 0.00	45.70 1.54 0.00	42.54 1.28 0.00	42.59 1.36 0.00	41.18 1.54 0.00	40.16 1.36 0.00	40.89 1.46 0.00	40.11 1.36 0.00	41.89 0.90 0.00	44.76 1.05 0.00	53.71 1.36 0.00	62.40 2.28 0.00	54.28 1.99 0.00	51.65 1.94 0.00	47.55 1.74 0.00	44.23 1.49 0.00	42.95 1.45 -0.01
MADISON___COUNTY_LFGE 323628	41.62 1.09 0.00	40.20 0.98 0.00	37.45 0.91 0.00	35.29 0.83 0.00	37.84 0.92 0.00	41.28 1.09 0.00	45.49 1.32 0.00	48.62 1.46 0.00	45.56 1.41 0.00	42.37 1.11 0.00	42.39 1.15 0.00	40.74 1.11 0.00	39.85 1.05 0.00	40.53 1.10 0.00	39.84 1.09 0.00	42.14 1.15 0.00	45.03 1.31 0.00	53.97 1.62 0.00	62.34 2.22 0.00	54.18 1.88 0.00	51.55 1.84 0.00	47.46 1.65 0.00	44.14 1.41 0.00	42.78 1.29 0.00
MALONE___115KV_TB1 356076	41.34 0.81 0.00	40.00 0.78 0.00	37.38 0.84 0.00	35.26 0.79 0.00	37.32 0.41 0.00	40.79 0.60 0.00	44.87 0.71 0.00	47.86 0.71 0.00	44.59 0.44 0.00	41.67 0.41 0.00	41.93 0.70 0.00	40.78 1.15 0.00	39.97 1.16 0.00	40.57 1.14 0.00	39.76 1.01 0.00	41.44 0.45 0.00	44.11 0.39 0.00	52.51 0.16 0.00	60.72 0.60 0.00	52.34 0.05 0.00	49.76 0.05 0.00	45.85 0.05 0.00	42.86 0.13 0.00	41.81 0.25 -0.06
MAPLEWOD_115KV_TB3 80458	42.15 1.62 0.00	40.83 1.61 0.00	38.04 1.50 0.00	35.84 1.38 0.00	38.39 1.48 0.00	41.76 1.57 0.00	45.62 1.46 0.00	48.85 1.70 0.00	45.74 1.59 0.00	42.78 1.53 0.00	42.80 1.57 0.00	41.06 1.43 0.00	40.20 1.40 0.00	40.85 1.42 0.00	40.19 1.43 0.00	42.59 1.60 0.00	48.62 1.75 -3.16	54.86 2.51 0.00	62.88 2.77 0.00	54.70 2.41 0.00	52.17 2.39 -0.07	47.96 2.15 0.00	44.74 2.01 0.00	43.49 1.99 0.00
MAPLE_RIDGE_WT_1 323574	39.52 -1.01 0.00	38.39 -0.83 0.00	35.84 -0.70 0.00	33.78 -0.69 0.00	36.14 -0.78 0.00	39.34 -0.85 0.00	43.23 -0.93 0.00	46.26 -0.90 0.00	43.36 -0.79 0.00	40.52 -0.74 0.00	40.53 -0.70 0.00	38.92 -0.71 0.00	38.07 -0.74 0.00	38.56 -0.87 0.00	37.83 -0.93 0.00	39.97 -1.02 0.00	42.67 -1.05 0.00	51.04 -1.31 0.00	58.67 -1.44 0.00	50.93 -1.36 0.00	48.37 -1.34 0.00	44.57 -1.23 0.00	41.58 -1.15 0.00	40.33 -1.16 0.00
MAPLE_RIDGE_WT_2 323611	39.52 -1.01 0.00	38.39 -0.83 0.00	35.84 -0.70 0.00	33.78 -0.69 0.00	36.14 -0.78 0.00	39.34 -0.85 0.00	43.23 -0.93 0.00	46.26 -0.90 0.00	43.36 -0.79 0.00	40.52 -0.74 0.00	40.53 -0.70 0.00	38.92 -0.71 0.00	38.07 -0.74 0.00	38.56 -0.87 0.00	37.83 -0.93 0.00	39.97 -1.02 0.00	42.67 -1.05 0.00	51.04 -1.31 0.00	58.67 -1.44 0.00	50.93 -1.36 0.00	48.37 -1.34 0.00	44.57 -1.23 0.00	41.58 -1.15 0.00	40.33 -1.16 0.00
MARBLE_RIVER_WT_PWR 323696	38.58 -1.94 0.00	37.61 -1.61 0.00	35.40 -1.13 0.00	33.81 -0.66 0.00	36.43 -0.48 0.00	39.91 -0.28 0.00	43.85 -0.31 0.00	46.50 -0.66 0.00	43.22 -0.93 0.00	40.31 -0.95 0.00	40.53 -0.70 0.00	39.20 -0.44 0.00	38.54 -0.27 0.00	39.11 -0.32 0.00	38.21 -0.54 0.00	40.17 -0.82 0.00	42.71 -1.00 0.00	50.57 -1.78 0.00	57.71 -2.41 0.00	49.26 -3.03 0.00	46.38 -3.33 0.00	42.47 -3.34 0.00	39.53 -3.21 0.00	38.21 -3.28 0.01
MARSHVLE_115KV_TB1 80742	42.96 2.43 0.00	41.61 2.39 0.00	38.69 2.16 0.00	36.46 2.00 0.00	39.20 2.29 0.00	42.72 2.53 0.00	47.38 3.22 0.00	50.69 3.54 0.00	46.76 2.60 0.00	43.16 1.90 0.00	42.96 1.73 0.00	41.02 1.39 0.00	40.13 1.32 0.00	40.77 1.34 0.00	40.15 1.40 0.00	42.84 1.84 0.00	50.56 2.67 -4.17	56.12 3.77 0.00	64.86 4.75 0.00	56.32 4.03 0.00	53.98 4.18 -0.09	49.56 3.76 0.00	45.94 3.20 0.00	44.32 2.82 0.00
MARSH_HILL_WT_PWR 323713	39.84 -0.69 0.00	38.12 -1.10 0.00	35.37 -1.17 0.00	33.33 -1.14 0.00	35.92 -0.99 0.00	39.47 -0.72 0.00	43.72 -0.44 0.00	46.07 -1.08 0.00	42.70 -1.46 0.00	39.40 -1.86 0.00	39.21 -2.02 0.00	37.49 -2.14 0.00	36.40 -2.41 0.00	37.32 -2.25 -0.13	36.51 -2.25 0.00	38.49 -2.50 0.00	41.30 -2.54 -0.12	49.29 -3.20 -0.13	56.40 -3.85 -0.13	49.46 -3.03 -0.20	47.57 -2.29 -0.14	43.79 -2.01 0.00	40.64 -2.09 0.00	40.04 -1.45 0.00
MCINTYRE_115KV_TB2 80467	45.68 5.15 0.00	44.08 4.86 0.00	41.14 4.60 0.00	38.33 3.86 0.00	39.76 2.84 0.00	43.37 3.18 0.00	47.56 3.40 0.00	50.74 3.58 0.00	46.93 2.78 0.00	43.69 2.43 0.00	44.28 3.05 0.00	43.79 4.16 0.00	42.65 3.84 0.00	43.37 3.94 0.00	42.48 3.72 0.00	43.49 2.50 0.00	46.12 2.40 0.00	55.02 2.67 0.00	65.28 5.17 0.00	56.89 4.60 0.00	54.14 4.42 0.00	50.16 4.35 0.00	46.96 4.23 0.00	46.22 4.69 -0.03
MECO_____69_KV_BK1 80468	43.49 2.96 0.00	42.20 2.98 0.00	39.20 2.67 0.00	36.98 2.52 0.00	39.76 2.84 0.00	43.33 3.13 0.00	48.09 3.93 0.00	51.40 4.24 0.00	47.51 3.36 0.00	43.94 2.68 0.00	43.79 2.56 0.00	41.81 2.18 0.00	40.94 2.13 0.00	41.56 2.13 0.00	41.01 2.25 0.00	43.70 2.71 0.00	51.74 3.54 -4.48	57.06 4.71 0.00	65.95 5.83 0.00	57.26 4.97 0.00	54.93 5.12 -0.10	50.34 4.54 0.00	46.66 3.93 0.00	45.02 3.53 0.00
MENANDS___115KV_TB5 355628	42.07 1.54 0.00	40.79 1.57 0.00	37.96 1.42 0.00	35.81 1.34 0.00	38.35 1.44 0.00	41.72 1.53 0.00	45.53 1.37 0.00	48.76 1.60 0.00	45.65 1.50 0.00	42.74 1.49 0.00	42.76 1.53 0.00	41.02 1.39 0.00	40.16 1.36 0.00	40.81 1.38 0.00	40.11 1.36 0.00	42.51 1.52 0.00	48.37 1.62 -3.03	54.76 2.41 0.00	62.70 2.58 0.00	54.59 2.30 0.00	52.07 2.29 -0.07	47.87 2.06 0.00	44.65 1.92 0.00	43.41 1.91 0.00
MG INDUSTRY___DRP 24185	41.99 1.46 0.00	40.71 1.49 0.00	37.93 1.39 0.00	35.74 1.28 0.00	38.28 1.37 0.00	41.64 1.45 0.00	45.53 1.37 0.00	48.67 1.51 0.00	45.52 1.37 0.00	42.50 1.24 0.00	42.47 1.24 0.00	40.74 1.11 0.00	39.85 1.05 0.00	40.53 1.10 0.00	39.84 1.09 0.00	42.26 1.27 0.00	46.60 1.40 -1.49	54.39 2.04 0.00	62.40 2.28 0.00	54.33 2.04 0.00	51.74 1.99 -0.03	47.64 1.83 0.00	44.48 1.75 0.00	43.24 1.74 0.00

MID___OSWEGATCHIE_HYD 23849	43.20 2.67 0.00	41.65 2.43 0.00	38.84 2.30 0.00	36.33 1.86 0.00	38.10 1.18 0.00	41.48 1.29 0.00	45.57 1.41 0.00	48.95 1.79 0.00	45.52 1.37 0.00	42.45 1.20 0.00	42.88 1.65 0.00	42.01 2.38 0.00	41.02 2.21 0.00	41.68 2.25 0.00	40.85 2.09 0.00	42.06 1.07 0.00	44.68 0.96 0.00	53.35 0.99 0.00	62.58 2.46 0.00	54.44 2.14 0.00	51.80 2.09 0.00	47.92 2.11 0.00	44.74 2.01 0.00	43.80 2.28 -0.02
MID___RAQUETTE_HYD 23851	44.42 3.89 0.00	42.87 3.65 0.00	40.01 3.47 0.00	37.29 2.83 0.00	38.61 1.70 0.00	41.92 1.73 0.00	45.88 1.72 0.00	49.14 1.98 0.00	45.65 1.50 0.00	42.74 1.49 0.00	43.38 2.14 0.00	42.88 3.25 0.00	41.87 3.07 0.00	42.54 3.11 0.00	41.70 2.95 0.00	42.63 1.64 0.00	45.07 1.36 0.00	53.50 1.15 0.00	62.88 2.77 0.00	54.59 2.30 0.00	51.95 2.24 0.00	48.24 2.43 0.00	45.25 2.52 0.00	44.64 3.11 -0.03
MILLIKEN___1 23584	41.02 0.49 0.00	39.53 0.31 0.00	36.79 0.26 0.00	34.67 0.21 0.00	37.28 0.37 0.00	40.67 0.48 0.00	44.87 0.71 0.00	47.86 0.71 0.00	44.73 0.57 0.00	41.55 0.29 0.00	41.44 0.21 0.00	39.83 0.20 0.00	39.00 0.19 0.00	39.68 0.24 -0.01	38.99 0.23 0.00	41.24 0.25 0.00	44.20 0.35 -0.13	52.83 0.47 -0.01	60.85 0.72 -0.01	53.04 0.73 -0.01	50.52 0.80 -0.01	46.59 0.78 0.00	43.24 0.51 0.00	41.95 0.46 0.00
MILLIKEN___2 23585	41.02 0.49 0.00	39.53 0.31 0.00	36.79 0.26 0.00	34.67 0.21 0.00	37.28 0.37 0.00	40.67 0.48 0.00	44.87 0.71 0.00	47.86 0.71 0.00	44.73 0.57 0.00	41.55 0.29 0.00	41.44 0.21 0.00	39.83 0.20 0.00	39.00 0.19 0.00	39.68 0.24 -0.01	38.99 0.23 0.00	41.24 0.25 0.00	44.20 0.35 -0.13	52.83 0.47 -0.01	60.85 0.72 -0.01	53.04 0.73 -0.01	50.52 0.80 -0.01	46.59 0.78 0.00	43.24 0.51 0.00	41.95 0.46 0.00
MILLIKEN___DIESEL 23629	41.02 0.49 0.00	39.53 0.31 0.00	36.79 0.26 0.00	34.67 0.21 0.00	37.28 0.37 0.00	40.67 0.48 0.00	44.87 0.71 0.00	47.86 0.71 0.00	44.73 0.57 0.00	41.55 0.29 0.00	41.44 0.21 0.00	39.83 0.20 0.00	39.00 0.19 0.00	39.68 0.24 0.00	38.99 0.23 0.00	41.24 0.25 0.00	44.20 0.35 -0.13	52.83 0.47 -0.01	60.85 0.72 -0.01	53.04 0.73 -0.01	50.52 0.80 -0.01	46.59 0.78 0.00	43.24 0.51 0.00	41.95 0.46 0.00
MILLSEAT___LFGE 323607	39.44 -1.09 0.00	37.69 -1.53 0.00	34.93 -1.61 0.00	33.05 -1.41 0.00	35.66 -1.26 0.00	39.15 -1.05 0.00	43.28 -0.88 0.00	45.41 -1.74 0.00	42.43 -1.72 0.00	39.49 -1.77 0.00	39.54 -1.69 0.00	37.93 -1.70 0.00	36.87 -1.94 0.00	37.71 -1.69 0.03	37.13 -1.63 0.00	38.94 -2.05 0.00	41.53 -2.18 0.00	49.19 -3.14 0.03	56.42 -3.67 0.03	49.80 -2.46 0.04	47.65 -2.04 0.03	43.93 -1.88 0.00	40.94 -1.79 0.00	40.62 -0.87 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.31 1.78 0.00	40.90 1.69 0.00	38.11 1.57 0.00	35.84 1.38 0.00	38.35 1.44 0.00	41.76 1.57 0.00	46.10 1.94 0.00	49.70 2.55 0.00	46.71 2.56 0.00	43.82 2.56 0.00	43.75 2.52 0.00	41.97 2.34 0.00	40.98 2.17 0.00	41.76 2.33 0.00	40.97 2.21 0.00	43.53 2.54 0.00	46.85 2.67 -0.47	55.49 3.14 0.00	63.54 3.43 0.00	55.33 3.03 0.00	52.61 2.88 -0.01	48.47 2.66 0.00	45.17 2.44 0.00	43.86 2.37 0.00
MILLWOOD_13_KV_LOAD 356217	42.39 1.86 0.00	41.02 1.80 0.00	38.18 1.64 0.00	35.91 1.45 0.00	38.46 1.55 0.00	41.80 1.61 0.00	46.19 2.03 0.00	49.80 2.64 0.00	46.80 2.65 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.05 2.42 0.00	41.06 2.25 0.00	41.83 2.41 0.00	41.04 2.29 0.00	43.62 2.62 0.00	46.99 2.80 -0.47	55.65 3.30 0.00	63.72 3.61 0.00	55.48 3.19 0.00	52.76 3.03 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.94 2.45 0.00
MODEL_CITY_ENERGY 24167	38.14 -2.39 0.00	36.43 -2.78 0.00	33.80 -2.74 0.00	31.98 -2.48 0.00	34.44 -2.47 0.00	37.78 -2.41 0.00	41.60 -2.56 0.00	43.48 -3.68 0.00	40.66 -3.49 0.00	38.04 -3.22 0.00	38.10 -3.14 0.00	36.54 -3.09 0.00	35.39 -3.42 0.00	36.24 -3.16 0.03	35.73 -3.02 0.00	37.47 -3.53 0.00	39.78 -3.93 0.00	46.98 -5.34 0.03	53.83 -6.25 0.03	47.38 -4.86 0.05	45.46 -4.23 0.03	42.10 -3.71 0.00	39.31 -3.42 0.00	39.25 -2.24 0.00
MODERN_LFGE___ 323580	38.14 -2.39 0.00	36.43 -2.78 0.00	33.80 -2.74 0.00	31.98 -2.48 0.00	34.44 -2.47 0.00	37.78 -2.41 0.00	41.60 -2.56 0.00	43.48 -3.68 0.00	40.66 -3.49 0.00	38.04 -3.22 0.00	38.10 -3.14 0.00	36.54 -3.09 0.00	35.39 -3.42 0.00	36.24 -3.16 0.03	35.73 -3.02 0.00	37.47 -3.53 0.00	39.78 -3.93 0.00	46.98 -5.34 0.03	53.83 -6.25 0.03	47.38 -4.86 0.05	45.46 -4.23 0.03	42.10 -3.71 0.00	39.31 -3.42 0.00	39.25 -2.24 0.00
MOHAWK_PAPER___DRP 24187	42.15 1.62 0.00	40.83 1.61 0.00	38.04 1.50 0.00	35.84 1.38 0.00	38.39 1.48 0.00	41.76 1.57 0.00	45.62 1.46 0.00	48.85 1.70 0.00	45.74 1.59 0.00	42.78 1.53 0.00	42.80 1.57 0.00	41.06 1.43 0.00	40.20 1.40 0.00	40.85 1.42 0.00	40.19 1.43 0.00	42.59 1.60 0.00	48.62 1.75 -3.16	54.86 2.51 0.00	62.88 2.77 0.00	54.70 2.41 0.00	52.17 2.39 -0.07	47.96 2.15 0.00	44.74 2.01 0.00	43.49 1.99 0.00
MOHICAN___35_KV_115KV_LD 80490	43.81 3.28 0.00	42.51 3.29 0.00	39.50 2.96 0.00	37.26 2.79 0.00	40.05 3.14 0.00	43.61 3.42 0.00	48.53 4.37 0.00	51.87 4.72 0.00	48.35 4.19 0.00	45.01 3.75 0.00	44.98 3.75 0.00	42.96 3.33 0.00	42.03 3.22 0.00	42.58 3.15 0.00	41.97 3.22 0.00	44.64 3.65 0.00	52.29 4.24 -4.33	57.38 5.03 0.00	66.13 6.01 0.00	57.31 5.02 0.00	55.08 5.27 -0.09	50.53 4.72 0.00	46.88 4.14 0.00	45.27 3.78 0.00
MONGAUP___HYD 23641	42.15 1.62 0.00	40.79 1.57 0.00	37.96 1.42 0.00	35.70 1.24 0.00	38.24 1.33 0.00	41.63 1.44 0.00	46.10 1.94 0.00	49.28 2.12 0.00	46.05 1.90 0.00	42.95 1.69 0.00	42.76 1.53 0.00	41.06 1.42 0.00	40.24 1.44 0.00	40.89 1.46 0.00	40.23 1.47 0.00	42.92 1.93 0.00	46.35 2.23 -0.40	55.18 2.83 0.00	63.06 2.94 0.00	55.22 2.93 0.00	52.41 2.68 -0.01	48.33 2.52 0.00	45.00 2.26 0.00	43.49 1.99 0.00
MONTAUK___DIESEL 23721	42.27 1.74 0.00	41.53 2.31 0.00	38.80 2.27 0.00	36.33 1.86 0.00	39.06 2.14 0.00	41.60 1.41 0.00	46.50 2.34 0.00	49.80 2.64 0.00	46.85 2.69 0.00	44.31 3.05 0.00	44.16 2.93 0.00	42.41 2.77 0.00	41.10 2.29 0.00	41.72 2.29 0.00	40.46 1.71 0.00	43.08 2.09 0.00	45.76 1.57 -0.47	54.97 2.62 0.00	63.72 3.61 0.00	55.33 3.03 0.00	54.58 2.98 -1.89	48.19 2.38 0.00	44.65 1.92 0.00	43.74 2.24 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.23 -1.30 0.00	37.34 -1.88 0.00	34.60 -1.94 0.00	32.71 -1.76 0.00	35.29 -1.62 0.00	38.66 -1.53 0.00	42.97 -1.19 0.00	45.08 -2.07 0.00	41.94 -2.21 0.00	38.70 -2.56 0.00	38.51 -2.72 0.00	37.02 -2.62 0.00	36.17 -2.64 0.00	36.58 -2.84 0.01	35.93 -2.83 0.00	37.92 -3.07 0.00	40.37 -3.45 -0.11	47.47 -4.87 0.01	54.27 -5.83 0.01	47.20 -5.07 0.02	46.12 -3.58 0.01	43.06 -2.75 0.00	40.08 -2.65 0.00	39.50 -1.99 0.00

MORRIS_RIDGE___SOLAR 323848	39.15 -1.38 0.00	37.49 -1.72 0.00	34.82 -1.72 0.00	32.88 -1.58 0.00	35.40 -1.52 0.00	38.82 -1.37 0.00	42.88 -1.28 0.00	45.08 -2.07 0.00	41.72 -2.43 0.00	38.66 -2.60 0.00	38.51 -2.72 0.00	36.86 -2.78 0.00	35.82 -2.99 0.00	36.31 -2.84 0.28	35.97 -2.79 0.00	37.96 -3.03 0.00	40.69 -3.15 -0.12	48.09 -3.98 0.28	55.03 -4.81 0.28	48.01 -3.87 0.42	46.31 -3.13 0.27	43.06 -2.75 0.00	40.12 -2.61 0.00	39.67 -1.82 0.00
MORTIMER_115KV_TB3 55949	39.31 -1.22 0.00	37.73 -1.49 0.00	35.00 -1.53 0.00	33.09 -1.38 0.00	35.62 -1.29 0.00	38.94 -1.25 0.00	43.06 -1.10 0.00	45.65 -1.51 0.00	42.61 -1.55 0.00	39.53 -1.73 0.00	39.54 -1.69 0.00	38.05 -1.59 0.00	37.45 -1.36 0.00	37.85 -1.58 0.00	37.28 -1.47 0.00	39.35 -1.64 0.00	41.92 -1.79 0.00	49.94 -2.41 0.00	57.71 -2.40 0.00	50.57 -1.73 0.00	47.63 -2.09 0.00	44.07 -1.74 0.00	41.07 -1.67 0.00	40.00 -1.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.56 2.03 0.00	41.14 1.92 0.00	38.33 1.79 0.00	36.02 1.55 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.02 2.87 0.00	44.15 2.89 0.00	44.12 2.89 0.00	42.29 2.66 0.00	41.33 2.52 0.00	42.11 2.68 0.00	41.28 2.52 0.00	43.86 2.87 0.00	47.16 2.97 -0.47	55.86 3.51 0.00	63.96 3.85 0.00	55.74 3.45 0.00	53.01 3.28 -0.01	48.79 2.98 0.00	45.55 2.82 0.00	44.19 2.70 0.00
MUNSVILLE_WIND_PWR 323609	43.37 2.84 0.00	41.89 2.67 0.00	39.13 2.59 0.00	36.88 2.41 0.00	39.57 2.66 0.00	43.41 3.22 0.00	48.22 4.06 0.00	51.49 4.34 0.00	48.13 3.98 0.00	44.48 3.22 0.00	44.33 3.09 0.00	42.56 2.93 0.00	41.29 2.49 0.00	42.08 2.64 -0.01	41.28 2.52 0.00	43.78 2.79 0.00	47.20 3.19 -0.30	56.29 3.93 -0.01	65.29 5.17 -0.01	56.64 4.34 -0.01	53.85 4.12 -0.01	49.43 3.62 0.00	45.77 3.03 0.00	44.49 2.99 0.00
N SALMON___HYD 24042	41.34 0.81 0.00	40.00 0.78 0.00	37.38 0.84 0.00	35.26 0.79 0.00	37.32 0.41 0.00	40.79 0.60 0.00	44.87 0.70 0.00	47.87 0.71 0.00	44.59 0.44 0.00	41.63 0.37 0.00	41.93 0.70 0.00	40.74 1.11 0.00	39.97 1.16 0.00	40.53 1.10 0.00	39.65 0.89 0.00	41.44 0.45 0.00	44.11 0.39 0.00	52.51 0.16 0.00	60.78 0.66 0.00	52.35 0.05 0.00	49.76 0.05 0.00	45.85 0.05 0.00	42.86 0.13 0.00	41.76 0.21 -0.06
N.AKRON__115KV_KNAPP 355671	39.31 -1.22 0.00	37.57 -1.65 0.00	34.82 -1.72 0.00	32.95 -1.52 0.00	35.55 -1.37 0.00	38.94 -1.25 0.00	43.23 -0.93 0.00	45.55 -1.60 0.00	42.47 -1.68 0.00	39.11 -2.15 0.00	39.13 -2.10 0.00	37.61 -2.02 0.00	37.02 -1.79 0.00	37.35 -2.05 0.03	36.82 -1.94 0.00	38.82 -2.17 0.00	41.31 -2.40 0.00	48.87 -3.46 0.03	56.48 -3.61 0.03	49.48 -2.77 0.04	47.00 -2.68 0.03	43.75 -2.06 0.00	40.77 -1.97 0.00	39.88 -1.62 0.00
N.BELMOR_69_KV_BK1 55787	42.92 2.39 0.00	41.61 2.39 0.00	38.77 2.23 0.00	36.36 1.90 0.00	39.02 2.10 0.00	42.24 2.05 0.00	46.94 2.78 0.00	50.60 3.44 0.00	47.51 3.36 0.00	44.56 3.30 0.00	44.57 3.34 0.00	42.64 3.01 0.00	41.60 2.79 0.00	42.39 2.96 0.00	41.35 2.60 0.00	43.98 2.99 0.00	47.34 3.15 -0.47	56.33 3.98 0.00	64.80 4.69 0.00	56.42 4.13 0.00	55.73 4.13 -1.89	49.43 3.62 0.00	45.94 3.20 0.00	44.53 3.03 0.00
N.E_GEN_SANDY PD 24062	42.03 1.50 0.00	40.67 1.45 0.00	37.93 1.39 0.00	35.77 1.31 0.00	38.24 1.33 0.00	41.56 1.37 0.00	52.00 2.03 -5.81	49.42 2.26 0.00	46.45 2.29 0.00	43.44 2.19 0.00	43.42 2.18 0.00	41.65 2.02 0.00	40.82 2.02 0.00	41.40 1.97 0.00	40.81 2.05 0.00	43.41 2.42 0.00	47.89 2.76 -1.42	54.76 2.41 0.00	62.64 2.52 0.00	54.59 2.30 0.00	51.93 2.18 -0.03	47.82 2.01 0.00	44.74 2.01 0.00	43.32 1.82 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.11 1.58 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.71 1.24 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.88 1.72 0.00	49.42 2.26 0.00	46.45 2.30 0.00	43.53 2.27 0.00	43.46 2.23 0.00	41.69 2.06 0.00	40.75 1.94 0.00	41.52 2.09 0.00	40.73 1.98 0.00	43.29 2.30 0.00	46.61 2.45 -0.45	55.23 2.88 0.00	63.24 3.13 0.00	55.12 2.82 0.00	52.36 2.63 -0.01	48.24 2.43 0.00	44.95 2.22 0.00	43.61 2.12 0.00
N.QUEENS_27_KV_LOAD 356247	42.56 2.03 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.20 1.72 -0.01	38.77 1.85 -0.01	42.05 1.85 -0.01	46.24 2.08 0.00	49.94 2.78 0.00	46.93 2.78 0.00	44.11 2.85 -0.01	44.13 2.89 -0.01	42.34 2.69 -0.01	41.34 2.52 -0.01	42.12 2.68 -0.01	41.28 2.52 -0.01	43.87 2.87 -0.01	47.13 2.93 -0.48	56.02 3.66 0.00	63.96 3.85 0.00	55.90 3.61 0.00	53.06 3.33 -0.01	48.97 3.16 0.00	45.65 2.91 -0.01	44.16 2.66 -0.01
N.TROY___115KV_TB1 355778	42.23 1.70 0.00	40.90 1.69 0.00	38.07 1.53 0.00	35.91 1.45 0.00	38.46 1.55 0.00	41.88 1.69 0.00	46.19 2.03 0.00	49.47 2.31 0.00	46.32 2.16 0.00	43.36 2.10 0.00	43.29 2.06 0.00	41.49 1.86 0.00	40.59 1.79 0.00	41.28 1.85 0.00	40.62 1.86 0.00	43.04 2.05 0.00	49.91 2.36 -3.83	54.97 2.62 0.00	63.00 2.89 0.00	54.86 2.56 0.00	52.33 2.54 -0.08	48.10 2.29 0.00	44.87 2.14 0.00	43.57 2.07 0.00
NARROWS_GT1_1 24228	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT1_2 24229	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT1_3 24230	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT1_4 24231	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62

NARROWS_GT1_5 24232	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT1_6 24233	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT1_7 24234	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT1_8 24235	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_1 24236	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_2 24237	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_3 24238	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_4 24239	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_5 24240	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_6 24241	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_7 24242	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NARROWS_GT2_8 24243	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.72 2.19 0.00	41.41 2.20 0.00	38.55 2.01 0.00	36.33 1.86 0.00	38.94 2.03 0.00	42.36 2.17 0.00	46.59 2.43 0.00	49.70 2.55 0.00	46.32 2.16 0.00	43.03 1.77 0.00	42.96 1.73 0.00	41.18 1.55 0.00	40.28 1.47 0.00	40.93 1.50 0.00	40.27 1.51 0.00	42.75 1.76 0.00	46.68 1.57 -1.39	55.44 3.09 0.00	63.78 3.67 0.00	55.59 3.29 0.00	52.53 2.78 -0.03	48.69 2.89 0.00	45.38 2.65 0.00	44.03 2.53 0.00
NCHELSEA_115KV_TR2 355582	42.43 1.90 0.00	41.06 1.84 0.00	38.25 1.72 0.00	35.98 1.52 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.33 2.16 0.00	49.84 2.69 0.00	46.76 2.60 0.00	43.78 2.52 0.00	43.66 2.43 0.00	41.89 2.26 0.00	40.94 2.13 0.00	41.76 2.33 0.00	41.01 2.25 0.00	43.53 2.54 0.00	46.99 2.80 -0.47	55.70 3.35 0.00	63.78 3.67 0.00	55.59 3.29 0.00	52.76 3.03 -0.01	48.60 2.79 0.00	45.30 2.56 0.00	43.94 2.45 0.00
NEG CAPITAL___MECHNVIL 23645	42.92 2.39 0.00	41.61 2.39 0.00	38.69 2.16 0.00	36.50 2.03 0.00	39.13 2.21 0.00	42.60 2.41 0.00	47.17 3.00 0.00	50.32 3.16 0.00	46.98 2.83 0.00	43.82 2.56 0.00	43.79 2.56 0.00	41.97 2.34 0.00	41.13 2.33 0.00	41.68 2.25 0.00	41.08 2.33 0.00	43.74 2.75 0.00	51.23 3.19 -4.33	56.12 3.77 0.00	64.45 4.33 0.00	55.95 3.66 0.00	53.54 3.73 -0.09	49.15 3.34 0.00	45.81 3.08 0.00	44.28 2.78 0.00



NEG CENTRAL_HIGH_ACRES 23767	38.87 -1.66 0.00	37.30 -1.92 0.00	34.64 -1.90 0.00	32.74 -1.72 0.00	35.25 -1.66 0.00	38.54 -1.65 0.00	42.53 -1.63 0.00	45.13 -2.03 0.00	42.25 -1.90 0.00	39.44 -1.81 0.00	39.50 -1.73 0.00	37.93 -1.70 0.00	37.06 -1.75 0.00	37.85 -1.58 0.00	37.21 -1.55 0.00	39.11 -1.88 0.00	41.66 -2.05 0.00	49.63 -2.72 0.00	57.11 -3.00 0.00	50.20 -2.09 0.00	47.58 -2.14 0.00	43.75 -2.06 0.00	40.68 -2.05 0.00	39.92 -1.58 0.00
NEG CENTRAL___DRP 24199	40.25 -0.28 0.00	38.71 -0.51 0.00	35.99 -0.55 0.00	33.95 -0.52 0.00	36.55 -0.37 0.00	39.91 -0.28 0.00	44.12 -0.04 0.00	46.97 -0.19 0.00	43.84 -0.31 0.00	40.68 -0.58 0.00	40.61 -0.62 0.00	39.00 -0.63 0.00	38.22 -0.58 0.00	38.85 -0.59 -0.01	38.21 -0.54 0.00	40.38 -0.61 0.00	43.10 -0.61 0.00	51.58 -0.79 -0.01	59.29 -0.84 -0.01	51.84 -0.47 -0.02	49.33 -0.40 -0.01	45.49 -0.32 0.00	42.26 -0.47 0.00	41.04 -0.46 0.00
NEG CENTRAL___INDECK 23768	40.49 -0.04 0.00	38.75 -0.47 0.00	35.95 -0.59 0.00	33.95 -0.52 0.00	36.66 -0.26 0.00	40.23 0.04 0.00	44.51 0.35 0.00	46.92 -0.23 0.00	43.40 -0.75 0.00	40.10 -1.15 0.00	39.95 -1.28 0.00	38.13 -1.51 0.00	37.10 -1.71 0.00	38.11 -1.46 -0.14	37.44 -1.32 0.00	39.43 -1.56 0.00	42.29 -1.53 -0.11	50.81 -1.68 -0.14	58.63 -1.62 -0.14	52.02 -0.47 -0.20	49.61 -0.25 -0.14	45.44 -0.37 0.00	42.18 -0.56 0.00	41.45 -0.04 0.00
NEG CENTRAL___SENECA 23627	40.33 -0.20 0.00	38.75 -0.47 0.00	36.03 -0.51 0.00	33.98 -0.48 0.00	36.58 -0.33 0.00	40.03 -0.16 0.00	44.34 0.18 0.00	47.16 0.00 0.00	44.02 -0.13 0.00	40.72 -0.54 0.00	40.61 -0.62 0.00	39.00 -0.63 0.00	38.22 -0.58 0.00	38.82 -0.63 -0.02	38.18 -0.58 0.00	40.34 -0.66 0.00	43.10 -0.61 0.00	51.59 -0.79 -0.02	59.17 -0.96 -0.02	51.85 -0.47 -0.03	49.44 -0.30 -0.02	45.58 -0.23 0.00	42.30 -0.43 0.00	41.12 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	40.29 -0.24 0.00	38.83 -0.39 0.00	36.10 -0.44 0.00	34.05 -0.41 0.00	36.62 -0.30 0.00	39.95 -0.24 0.00	44.03 -0.13 0.00	46.92 -0.24 0.00	43.89 -0.26 0.00	40.80 -0.45 0.00	40.74 -0.49 0.00	39.20 -0.44 0.00	38.42 -0.39 0.00	39.07 -0.35 0.00	38.45 -0.31 0.00	40.62 -0.37 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.63 -0.48 0.00	52.03 -0.26 0.00	49.52 -0.20 0.00	45.62 -0.18 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00
NEG MILLWOOD___DRP 24198	42.60 2.07 0.00	41.22 2.00 0.00	38.40 1.86 0.00	36.09 1.62 0.00	38.65 1.73 0.00	42.04 1.85 0.00	46.50 2.34 0.00	50.08 2.92 0.00	46.98 2.83 0.00	44.06 2.81 0.00	43.91 2.68 0.00	42.13 2.50 0.00	41.17 2.37 0.00	41.99 2.56 0.00	41.20 2.44 0.00	43.82 2.83 0.00	47.30 3.10 -0.48	55.96 3.61 0.00	64.08 3.97 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.88 3.07 0.00	45.47 2.73 0.00	44.15 2.66 0.00
NEG NORTH_FLCN_SEA 23793	39.39 -1.13 0.00	38.28 -0.94 0.00	35.95 -0.58 0.00	34.22 -0.24 0.00	36.77 -0.15 0.00	40.31 0.12 0.00	44.34 0.18 0.00	47.06 -0.09 0.00	43.84 -0.31 0.00	40.93 -0.33 0.00	41.11 -0.12 0.00	39.75 0.12 0.00	39.04 0.23 0.00	39.59 0.16 0.00	38.80 0.04 0.00	40.75 -0.25 0.00	43.32 -0.39 0.00	51.46 -0.89 0.00	58.85 -1.26 0.00	50.41 -1.88 0.00	47.63 -2.09 0.00	43.66 -2.15 0.00	40.64 -2.09 0.00	39.37 -2.12 0.01
NEG NORTH_KES_CHATEGAY 23792	39.76 -0.77 0.00	38.59 -0.63 0.00	36.06 -0.47 0.00	34.16 -0.31 0.00	36.51 -0.41 0.00	39.91 -0.28 0.00	43.90 -0.26 0.00	46.73 -0.42 0.00	43.62 -0.53 0.00	40.72 -0.54 0.00	40.86 -0.37 0.00	39.47 -0.16 0.00	38.69 -0.12 0.00	39.27 -0.16 0.00	38.52 -0.23 0.00	40.50 -0.49 0.00	43.15 -0.57 0.00	51.41 -0.94 0.00	59.03 -1.08 0.00	50.83 -1.46 0.00	48.27 -1.44 0.00	44.39 -1.42 0.00	41.45 -1.28 0.00	40.20 -1.29 0.01
NEG NORTH___ALICE_FALLS 23915	39.68 -0.85 0.00	38.55 -0.67 0.00	36.14 -0.40 0.00	34.40 -0.07 0.00	36.88 -0.04 0.00	40.43 0.24 0.00	44.51 0.35 0.00	47.30 0.14 0.00	44.06 -0.09 0.00	41.13 -0.12 0.00	41.27 0.04 0.00	39.91 0.28 0.00	39.19 0.39 0.00	39.78 0.35 0.00	38.99 0.23 0.00	40.91 -0.08 0.00	43.54 -0.17 0.00	51.78 -0.58 0.00	59.33 -0.78 0.00	50.83 -1.46 0.00	48.12 -1.59 0.00	44.11 -1.69 0.00	41.07 -1.67 0.00	39.78 -1.70 0.01
NEG NORTH___LWR_SARANAC 23913	39.68 -0.85 0.00	38.55 -0.67 0.00	36.14 -0.40 0.00	34.40 -0.07 0.00	36.88 -0.04 0.00	40.43 0.24 0.00	44.51 0.35 0.00	47.30 0.14 0.00	44.06 -0.09 0.00	41.13 -0.12 0.00	41.27 0.04 0.00	39.91 0.28 0.00	39.19 0.39 0.00	39.78 0.35 0.00	38.99 0.23 0.00	40.91 -0.08 0.00	43.54 -0.17 0.00	51.78 -0.58 0.00	59.33 -0.78 0.00	50.83 -1.46 0.00	48.12 -1.59 0.00	44.11 -1.69 0.00	41.07 -1.67 0.00	39.78 -1.70 0.01
NEG NORTH___PLATTSBURG 23628	39.72 -0.81 0.00	38.55 -0.67 0.00	36.14 -0.40 0.00	34.40 -0.07 0.00	36.88 -0.04 0.00	40.43 0.24 0.00	44.51 0.35 0.00	47.30 0.14 0.00	44.06 -0.09 0.00	41.09 -0.16 0.00	41.27 0.04 0.00	39.91 0.28 0.00	39.19 0.39 0.00	39.74 0.31 0.00	38.87 0.12 0.00	40.91 -0.08 0.00	43.54 -0.17 0.00	51.78 -0.57 0.00	59.33 -0.78 0.00	50.83 -1.46 0.00	48.08 -1.64 0.00	44.11 -1.69 0.00	41.06 -1.67 0.00	39.70 -1.78 0.01
NEG WEST_LEA_LOCKPORT 23791	38.50 -2.03 0.00	36.79 -2.43 0.00	34.13 -2.41 0.00	32.29 -2.17 0.00	34.77 -2.14 0.00	38.06 -2.13 0.00	42.17 -1.99 0.00	44.33 -2.83 0.00	41.28 -2.87 0.00	38.12 -3.14 0.00	38.14 -3.09 0.00	36.66 -2.97 0.00	36.01 -2.79 0.00	36.31 -3.08 0.04	35.85 -2.91 0.00	37.75 -3.24 0.00	40.18 -3.54 0.00	47.34 -4.97 0.04	54.60 -5.47 0.04	47.74 -4.50 0.06	45.65 -4.03 0.04	42.51 -3.30 0.00	39.70 -3.03 0.00	38.97 -2.53 0.00
NEG WEST___LANCASTER 23811	40.12 -0.41 0.00	38.43 -0.78 0.00	35.66 -0.88 0.00	33.74 -0.72 0.00	36.32 -0.59 0.00	39.75 -0.44 0.00	44.16 0.00 0.00	46.40 -0.75 0.00	43.31 -0.84 0.00	39.98 -1.28 0.00	39.95 -1.28 0.00	38.40 -1.23 0.00	37.64 -1.16 0.00	38.07 -1.34 0.02	37.48 -1.28 0.00	39.56 -1.43 0.00	42.16 -1.66 -0.11	49.19 -3.14 0.02	55.23 -4.87 0.02	47.35 -4.92 0.03	47.61 -2.09 0.02	44.57 -1.24 0.00	41.45 -1.28 0.00	40.83 -0.66 0.00
NEG_PENN_ALLEGHNY 23528	40.61 0.08 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.36 -0.10 0.00	36.91 0.00 0.00	40.27 0.08 0.00	44.43 0.27 0.00	47.30 0.14 0.00	44.24 0.09 0.00	41.26 0.00 0.00	41.19 -0.04 0.00	39.55 -0.08 0.00	38.65 -0.15 0.00	39.43 0.00 0.00	38.76 0.00 0.00	40.95 -0.04 0.00	43.87 -0.04 -0.20	52.25 -0.10 0.00	59.82 -0.30 0.00	52.08 -0.21 0.00	49.82 0.10 0.00	45.99 0.18 0.00	42.73 0.00 0.00	41.79 0.29 0.00
NEG___GEN_MONROE 24207	39.60 -0.93 0.00	37.92 -1.29 0.00	35.15 -1.39 0.00	33.22 -1.24 0.00	35.81 -1.11 0.00	39.19 -1.00 0.00	43.41 -0.75 0.00	45.88 -1.27 0.00	42.78 -1.37 0.00	39.57 -1.69 0.00	39.54 -1.69 0.00	38.01 -1.62 0.00	37.29 -1.51 0.00	37.69 -1.73 0.01	37.17 -1.59 0.00	39.19 -1.80 0.00	41.79 -1.92 0.00	49.78 -2.57 0.01	57.64 -2.46 0.01	50.61 -1.67 0.01	47.82 -1.89 0.01	44.25 -1.56 0.00	41.28 -1.45 0.00	40.21 -1.29 0.00

NEPA___ENERGY 23901	39.76 -0.77 0.00	38.04 -1.18 0.00	35.29 -1.24 0.00	33.40 -1.07 0.00	35.92 -1.00 0.00	39.35 -0.84 0.00	43.68 -0.49 0.00	45.98 -1.18 0.00	42.87 -1.28 0.00	39.61 -1.65 0.00	39.54 -1.69 0.00	38.01 -1.62 0.00	37.21 -1.59 0.00	37.68 -1.73 0.02	37.09 -1.67 0.00	39.11 -1.89 0.00	41.72 -2.10 -0.11	49.09 -3.25 0.02	56.07 -4.03 0.02	48.66 -3.61 0.03	47.36 -2.34 0.02	44.16 -1.65 0.00	41.07 -1.67 0.00	40.42 -1.08 0.00
NEVERSink___HYD 23608	42.47 1.95 0.00	41.10 1.88 0.00	38.29 1.75 0.00	35.98 1.51 0.00	38.58 1.66 0.00	41.92 1.73 0.00	46.50 2.34 0.00	49.70 2.54 0.00	46.53 2.38 0.00	43.36 2.10 0.00	43.21 1.98 0.00	41.53 1.90 0.00	40.71 1.90 0.00	41.36 1.93 0.00	40.66 1.90 0.00	43.37 2.38 0.00	46.88 2.71 -0.45	55.75 3.40 0.00	63.97 3.85 0.00	55.64 3.35 0.00	52.71 2.98 -0.01	48.65 2.84 0.00	45.30 2.56 0.00	43.86 2.36 0.00
NEWKRMKL_115KV_TB1 55635	42.43 1.90 0.00	41.14 1.92 0.00	38.29 1.75 0.00	36.12 1.65 0.00	38.69 1.77 0.00	42.08 1.89 0.00	46.06 1.90 0.00	49.33 2.17 0.00	46.14 1.99 0.00	43.16 1.90 0.00	43.25 2.02 0.00	41.46 1.82 0.00	40.59 1.79 0.00	41.24 1.81 0.00	40.58 1.82 0.00	43.04 2.05 0.00	49.36 2.23 -3.41	55.34 2.98 0.00	63.48 3.37 0.00	55.17 2.88 0.00	52.67 2.88 -0.07	48.37 2.57 0.00	45.12 2.39 0.00	43.78 2.28 0.00
NEWTON___FALLS_HYD 23847	43.20 2.67 0.00	41.65 2.43 0.00	38.84 2.30 0.00	36.33 1.86 0.00	38.10 1.18 0.00	41.48 1.29 0.00	45.57 1.41 0.00	48.95 1.79 0.00	45.52 1.37 0.00	42.45 1.20 0.00	42.88 1.65 0.00	42.01 2.38 0.00	41.02 2.21 0.00	41.68 2.25 0.00	40.85 2.09 0.00	42.06 1.07 0.00	44.68 0.96 0.00	53.35 0.99 0.00	62.58 2.46 0.00	54.44 2.14 0.00	51.80 2.09 0.00	47.92 2.11 0.00	44.74 2.01 0.00	43.80 2.28 -0.02
NGRID_A1_DSASP 323792	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.59 0.00	34.33 -2.59 0.00	37.66 -2.53 0.00	41.42 -2.74 0.00	43.29 -3.87 0.00	40.49 -3.66 0.00	37.92 -3.34 0.00	37.97 -3.26 0.00	36.42 -3.21 0.00	35.27 -3.53 0.00	36.13 -3.27 0.03	35.62 -3.14 0.00	37.30 -3.69 0.00	39.65 -4.06 0.00	46.77 -5.55 0.03	53.59 -6.49 0.03	47.18 -5.07 0.05	45.26 -4.42 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	39.13 -2.36 0.00
NGRID_A2_DSASP 323793	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.59 0.00	34.33 -2.59 0.00	37.66 -2.53 0.00	41.42 -2.74 0.00	43.29 -3.87 0.00	40.49 -3.66 0.00	37.92 -3.34 0.00	37.97 -3.26 0.00	36.42 -3.21 0.00	35.27 -3.53 0.00	36.13 -3.27 0.03	35.62 -3.14 0.00	37.30 -3.69 0.00	39.65 -4.06 0.00	46.77 -5.55 0.03	53.59 -6.49 0.03	47.18 -5.07 0.05	45.26 -4.42 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	39.13 -2.36 0.00
NGRID_A4_DSASP 323807	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.59 0.00	34.33 -2.59 0.00	37.66 -2.53 0.00	41.42 -2.74 0.00	43.29 -3.87 0.00	40.49 -3.66 0.00	37.92 -3.34 0.00	37.97 -3.26 0.00	36.42 -3.21 0.00	35.27 -3.53 0.00	36.13 -3.27 0.03	35.62 -3.14 0.00	37.30 -3.69 0.00	39.65 -4.06 0.00	46.77 -5.55 0.03	53.59 -6.49 0.03	47.18 -5.07 0.05	45.26 -4.42 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	39.13 -2.36 0.00
NIAGARA_115E_LBMP 323715	37.93 -2.59 0.00	36.24 -2.98 0.00	33.61 -2.92 0.00	31.81 -2.65 0.00	34.26 -2.66 0.00	37.54 -2.65 0.00	41.33 -2.83 0.00	43.20 -3.96 0.00	40.40 -3.75 0.00	37.79 -3.47 0.00	37.85 -3.38 0.00	36.30 -3.33 0.00	35.16 -3.65 0.00	36.05 -3.35 0.03	35.50 -3.26 0.00	37.22 -3.77 0.00	39.56 -4.15 0.00	46.67 -5.65 0.03	53.47 -6.61 0.03	47.07 -5.18 0.05	45.16 -4.52 0.03	41.87 -3.94 0.00	39.10 -3.63 0.00	39.05 -2.45 0.00
NIAGARA_115W_LBMP 323714	37.93 -2.59 0.00	36.28 -2.94 0.00	33.65 -2.89 0.00	31.81 -2.65 0.00	34.26 -2.66 0.00	37.54 -2.65 0.00	41.33 -2.83 0.00	43.20 -3.96 0.00	40.40 -3.75 0.00	37.79 -3.47 0.00	37.85 -3.38 0.00	36.30 -3.33 0.00	35.16 -3.65 0.00	36.05 -3.35 0.03	35.50 -3.26 0.00	37.22 -3.77 0.00	39.56 -4.15 0.00	46.67 -5.65 0.03	53.47 -6.61 0.03	47.07 -5.18 0.05	45.16 -4.52 0.03	41.87 -3.94 0.00	39.10 -3.63 0.00	39.05 -2.45 0.00
NIAGARA_230_LBMP 323716	38.30 -2.23 0.00	36.59 -2.63 0.00	33.98 -2.56 0.00	32.12 -2.34 0.00	34.59 -2.32 0.00	37.90 -2.29 0.00	41.73 -2.43 0.00	43.67 -3.49 0.00	40.79 -3.36 0.00	38.21 -3.05 0.00	38.26 -2.97 0.00	36.70 -2.93 0.00	35.55 -3.26 0.00	36.44 -2.96 0.03	35.89 -2.87 0.00	37.63 -3.36 0.00	40.00 -3.72 0.00	47.24 -5.08 0.03	54.07 -6.01 0.03	47.54 -4.71 0.05	45.61 -4.08 0.03	42.28 -3.53 0.00	39.48 -3.25 0.00	39.42 -2.07 0.00
NIAGARA___115KV_198_GIBSON 55903	37.94 -2.59 0.00	36.28 -2.94 0.00	33.65 -2.89 0.00	31.81 -2.65 0.00	34.26 -2.66 0.00	37.46 -2.73 0.00	41.47 -2.69 0.00	43.57 -3.58 0.00	40.62 -3.53 0.00	37.55 -3.71 0.00	37.56 -3.67 0.00	36.14 -3.49 0.00	35.51 -3.30 0.00	35.81 -3.59 0.03	35.35 -3.41 0.00	37.22 -3.77 0.00	39.56 -4.15 0.00	46.61 -5.71 0.03	53.71 -6.37 0.03	46.96 -5.28 0.05	44.91 -4.77 0.03	41.82 -3.99 0.00	39.10 -3.63 0.00	38.43 -3.07 0.00
NIAGARA___ 23760	38.30 -2.23 0.00	36.59 -2.63 0.00	33.98 -2.56 0.00	32.12 -2.34 0.00	34.59 -2.32 0.00	37.90 -2.29 0.00	41.73 -2.43 0.00	43.67 -3.49 0.00	40.79 -3.36 0.00	38.21 -3.05 0.00	38.26 -2.97 0.00	36.70 -2.93 0.00	35.55 -3.26 0.00	36.44 -2.96 0.03	35.89 -2.87 0.00	37.63 -3.36 0.00	40.00 -3.72 0.00	47.24 -5.08 0.03	54.07 -6.01 0.03	47.54 -4.71 0.05	45.61 -4.08 0.03	42.28 -3.53 0.00	39.48 -3.25 0.00	39.42 -2.07 0.00
NINE_MILE_1 23575	39.31 -1.21 0.00	37.92 -1.29 0.00	35.33 -1.20 0.00	33.33 -1.14 0.00	35.73 -1.18 0.00	38.90 -1.29 0.00	42.75 -1.41 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.90 -1.36 0.00	39.87 -1.36 0.00	38.28 -1.35 0.00	37.49 -1.32 0.00	38.13 -1.30 0.00	37.52 -1.24 0.00	39.43 -1.56 0.00	42.01 -1.71 0.00	50.26 -2.10 0.00	57.71 -2.41 0.00	50.36 -1.93 0.00	47.88 -1.84 0.00	44.07 -1.74 0.00	41.11 -1.62 0.00	40.00 -1.49 0.00
NINE_MILE_2 23744	39.31 -1.21 0.00	37.92 -1.29 0.00	35.33 -1.20 0.00	33.33 -1.14 0.00	35.73 -1.18 0.00	38.90 -1.29 0.00	42.75 -1.41 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.90 -1.36 0.00	39.87 -1.36 0.00	38.28 -1.35 0.00	37.49 -1.32 0.00	38.13 -1.30 0.00	37.52 -1.24 0.00	39.43 -1.56 0.00	42.01 -1.71 0.00	50.26 -2.10 0.00	57.71 -2.41 0.00	50.36 -1.93 0.00	47.88 -1.84 0.00	44.07 -1.74 0.00	41.11 -1.62 0.00	40.00 -1.49 0.00
NM_CAPITAL___DRP 24208	42.03 1.50 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.77 1.31 0.00	38.32 1.40 0.00	41.68 1.49 0.00	45.49 1.32 0.00	48.71 1.56 0.00	45.61 1.46 0.00	42.70 1.44 0.00	42.72 1.48 0.00	40.98 1.35 0.00	40.09 1.28 0.00	40.77 1.34 0.00	40.08 1.32 0.00	42.47 1.48 0.00	48.06 1.57 -2.77	54.66 2.30 0.00	62.64 2.52 0.00	54.54 2.25 0.00	51.96 2.19 -0.06	47.82 2.02 0.00	44.61 1.88 0.00	43.36 1.87 0.00

NM_CENTRAL___DRP 24181	40.00 -0.53 0.00	38.55 -0.67 0.00	35.92 -0.62 0.00	33.84 -0.62 0.00	36.36 -0.55 0.00	39.59 -0.60 0.00	43.59 -0.57 0.00	46.40 -0.75 0.00	43.40 -0.75 0.00	40.52 -0.74 0.00	40.45 -0.78 0.00	38.92 -0.71 0.00	38.18 -0.62 0.00	38.80 -0.63 0.00	38.18 -0.58 0.00	40.34 -0.66 0.00	42.93 -0.79 0.00	51.36 -0.99 0.00	59.09 -1.02 0.00	51.51 -0.78 0.00	48.97 -0.75 0.00	45.12 -0.69 0.00	42.01 -0.73 0.00	40.75 -0.75 0.00
NM_FRONTIER___DRP 24179	37.94 -2.59 0.00	36.28 -2.94 0.00	33.65 -2.89 0.00	31.81 -2.65 0.00	34.26 -2.66 0.00	37.46 -2.73 0.00	41.47 -2.69 0.00	43.57 -3.58 0.00	40.62 -3.53 0.00	37.55 -3.71 0.00	37.56 -3.67 0.00	36.14 -3.49 0.00	35.51 -3.30 0.00	35.81 -3.59 0.03	35.35 -3.41 0.00	37.22 -3.77 0.00	39.56 -4.15 0.00	46.61 -5.71 0.03	53.71 -6.37 0.03	46.96 -5.28 0.05	44.91 -4.77 0.03	41.82 -3.99 0.00	39.10 -3.63 0.00	38.43 -3.07 0.00
NM_ST_REGIS___HYD 24053	43.69 3.16 0.00	42.20 2.98 0.00	39.39 2.85 0.00	36.81 2.34 0.00	38.28 1.37 0.00	41.68 1.49 0.00	45.66 1.50 0.00	48.85 1.70 0.00	45.39 1.24 0.00	42.45 1.20 0.00	43.05 1.81 0.00	42.41 2.77 0.00	41.44 2.64 0.00	42.07 2.64 0.00	41.24 2.48 0.00	42.34 1.35 0.00	44.85 1.14 0.00	53.29 0.94 0.00	62.34 2.22 0.00	54.02 1.73 0.00	51.41 1.69 0.00	47.64 1.83 0.00	44.65 1.92 0.00	43.94 2.41 -0.04
NORTHPORT___1 23551	42.84 2.31 0.00	41.73 2.51 0.00	38.88 2.34 0.00	36.46 2.00 0.00	39.13 2.21 0.00	42.16 1.97 0.00	47.17 3.00 0.00	50.32 3.16 0.00	47.07 2.91 0.00	44.35 3.10 0.00	44.16 2.93 0.00	42.33 2.70 0.00	41.48 2.68 0.00	42.03 2.60 0.00	41.12 2.36 0.00	43.98 2.99 0.00	47.15 2.97 -0.46	56.12 3.77 0.00	64.74 4.63 0.00	56.27 3.97 0.00	55.53 3.93 -1.89	49.29 3.48 0.00	45.94 3.21 0.00	44.28 2.78 0.00
NORTHPORT___2 23552	42.84 2.31 0.00	41.73 2.51 0.00	38.88 2.34 0.00	36.46 2.00 0.00	39.13 2.21 0.00	42.16 1.97 0.00	47.17 3.00 0.00	50.32 3.16 0.00	47.07 2.91 0.00	44.35 3.10 0.00	44.16 2.93 0.00	42.33 2.70 0.00	41.48 2.68 0.00	42.03 2.60 0.00	41.12 2.36 0.00	43.98 2.99 0.00	47.15 2.97 -0.46	56.12 3.77 0.00	64.74 4.63 0.00	56.27 3.97 0.00	55.53 3.93 -1.89	49.29 3.48 0.00	45.94 3.21 0.00	44.28 2.78 0.00
NORTHPORT___3 23553	42.43 1.91 0.00	41.22 2.00 0.00	38.40 1.86 0.00	36.05 1.59 0.00	38.65 1.74 0.00	41.76 1.57 0.00	46.59 2.43 0.00	49.89 2.73 0.00	46.67 2.52 0.00	43.90 2.64 0.00	43.75 2.52 0.00	41.93 2.30 0.00	41.09 2.29 0.00	41.60 2.17 0.00	40.31 1.55 0.00	43.08 2.09 0.00	46.31 2.14 -0.46	55.18 2.83 0.00	63.60 3.49 0.00	55.27 2.98 0.00	55.08 3.48 -1.89	48.97 3.16 0.00	45.55 2.82 0.00	43.94 2.45 0.00
NORTHPORT___4 23650	42.43 1.91 0.00	41.22 2.00 0.00	38.40 1.86 0.00	36.05 1.59 0.00	38.65 1.74 0.00	41.76 1.57 0.00	46.59 2.43 0.00	49.89 2.73 0.00	46.67 2.52 0.00	43.90 2.64 0.00	43.75 2.52 0.00	41.93 2.30 0.00	41.09 2.29 0.00	41.60 2.17 0.00	40.31 1.55 0.00	43.08 2.09 0.00	46.31 2.14 -0.46	55.18 2.83 0.00	63.60 3.49 0.00	55.27 2.98 0.00	55.08 3.48 -1.89	48.97 3.16 0.00	45.55 2.82 0.00	43.94 2.45 0.00
NORTHPORT___IC 23718	42.88 2.35 0.00	41.73 2.51 0.00	38.88 2.34 0.00	36.46 2.00 0.00	39.13 2.21 0.00	42.20 2.01 0.00	47.03 2.87 0.00	50.55 3.40 0.00	47.46 3.31 0.00	44.60 3.34 0.00	44.61 3.38 0.00	42.72 3.09 0.00	41.60 2.79 0.00	42.39 2.96 0.00	41.28 2.52 0.00	43.98 2.99 0.00	47.16 2.97 -0.47	56.12 3.77 0.00	64.68 4.57 0.00	56.27 3.97 0.00	55.63 4.03 -1.89	49.29 3.48 0.00	45.85 3.12 0.00	44.40 2.90 0.00
NORTH___COUNTRY_ESR 323785	39.68 -0.85 0.00	38.47 -0.75 0.00	35.99 -0.55 0.00	34.09 -0.38 0.00	36.43 -0.48 0.00	39.79 -0.40 0.00	43.76 -0.40 0.00	46.64 -0.52 0.00	43.49 -0.66 0.00	40.64 -0.62 0.00	40.78 -0.45 0.00	39.40 -0.24 0.00	38.65 -0.15 0.00	39.16 -0.27 0.00	38.37 -0.39 0.00	40.42 -0.57 0.00	43.06 -0.65 0.00	51.30 -1.05 0.00	58.85 -1.27 0.00	50.73 -1.57 0.00	48.08 -1.64 0.00	44.25 -1.56 0.00	41.32 -1.41 0.00	40.03 -1.45 0.01
NPX_GEN_1385_PROXY 323591	42.39 1.87 0.00	41.26 2.04 0.00	38.47 1.94 0.00	36.09 1.62 0.00	38.72 1.81 0.00	41.72 1.53 0.00	46.95 2.78 0.00	49.94 2.78 0.00	46.71 2.56 0.00	44.07 2.81 0.00	43.79 2.56 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.76 2.33 0.00	40.85 2.09 0.00	43.70 2.70 0.00	46.72 2.62 -0.38	55.02 2.67 0.00	59.00 3.30 4.42	54.00 2.77 1.06	49.00 2.78 3.50	47.00 2.43 1.23	45.43 2.69 0.00	43.69 2.20 0.00
NPX_GEN_CSC 323557	42.56 2.03 0.00	41.89 2.67 0.00	39.09 2.56 0.00	36.67 2.21 0.00	39.39 2.47 0.00	41.84 1.65 0.00	46.99 2.83 0.00	49.70 2.54 0.00	46.45 2.29 0.00	44.02 2.76 0.00	43.87 2.64 0.00	42.01 2.38 0.00	41.13 2.33 0.00	41.64 2.21 0.00	40.73 1.98 0.00	43.62 2.63 0.00	46.44 2.27 -0.46	55.55 3.19 0.00	64.32 4.21 0.00	55.85 3.56 0.00	55.13 3.53 -1.89	48.78 2.98 0.00	45.34 2.61 0.00	43.74 2.24 0.00
NSINS_S___GLNS_FALLS 23858	43.93 3.40 0.00	42.63 3.41 0.00	39.61 3.07 0.00	37.36 2.90 0.00	40.13 3.21 0.00	43.73 3.54 0.00	48.71 4.55 0.00	52.01 4.86 0.00	48.48 4.33 0.00	45.14 3.88 0.00	45.07 3.83 0.00	43.08 3.45 0.00	42.10 3.30 0.00	42.66 3.23 0.00	42.05 3.29 0.00	44.72 3.73 0.00	52.43 4.37 -4.34	57.53 5.18 0.00	66.25 6.13 0.00	57.47 5.18 0.00	55.23 5.42 -0.09	50.66 4.86 0.00	47.01 4.27 0.00	45.40 3.90 0.00
NUCOR_STEEL___DRP 24197	40.41 -0.12 0.00	38.94 -0.27 0.00	36.24 -0.29 0.00	34.19 -0.28 0.00	36.73 -0.18 0.00	40.03 -0.16 0.00	44.07 -0.09 0.00	46.97 -0.19 0.00	43.93 -0.22 0.00	40.89 -0.37 0.00	40.82 -0.41 0.00	39.28 -0.36 0.00	38.46 -0.35 0.00	39.11 -0.32 0.00	38.52 -0.23 0.00	40.66 -0.33 0.00	43.37 -0.35 0.00	51.88 -0.47 0.00	59.69 -0.42 0.00	52.08 -0.21 0.00	49.57 -0.15 0.00	45.72 -0.09 0.00	42.48 -0.26 0.00	41.25 -0.25 0.00
NUMBER_THREE_WT_PWR 323818	41.95 1.42 0.00	40.47 1.25 0.00	37.71 1.17 0.00	35.43 0.96 0.00	37.69 0.78 0.00	41.12 0.93 0.00	45.31 1.15 0.00	49.04 1.89 0.00	45.74 1.59 0.00	42.54 1.28 0.00	42.67 1.44 0.00	41.37 1.74 0.00	40.36 1.55 0.00	41.05 1.62 0.00	40.23 1.47 0.00	41.65 0.65 0.00	44.46 0.74 0.00	53.40 1.05 0.00	62.34 2.23 0.00	54.28 1.99 0.00	51.71 1.99 0.00	47.59 1.78 0.00	44.27 1.54 0.00	43.04 1.54 -0.01
NYISO_LBMP_REFERENCE 24008	40.53 0.00 0.00	39.22 0.00 0.00	36.54 0.00 0.00	34.47 0.00 0.00	36.91 0.00 0.00	40.19 0.00 0.00	44.16 0.00 0.00	47.16 0.00 0.00	44.15 0.00 0.00	41.26 0.00 0.00	41.23 0.00 0.00	39.63 0.00 0.00	38.81 0.00 0.00	39.43 0.00 0.00	38.76 0.00 0.00	40.99 0.00 0.00	43.72 0.00 0.00	52.35 0.00 0.00	60.11 0.00 0.00	52.29 0.00 0.00	49.71 0.00 0.00	45.81 0.00 0.00	42.73 0.00 0.00	41.50 0.00 0.00

NYPA_BRENTWD____GT 24164	43.29 2.76 0.00	42.12 2.90 0.00	39.24 2.70 0.00	36.81 2.34 0.00	39.54 2.62 0.00	42.60 2.41 0.00	47.70 3.53 0.00	50.97 3.82 0.00	47.60 3.45 0.00	44.76 3.50 0.00	44.57 3.34 0.00	42.68 3.05 0.00	41.79 2.99 0.00	42.39 2.96 0.00	41.47 2.71 0.00	44.35 3.36 0.00	47.62 3.45 -0.46	56.85 4.50 0.00	65.71 5.59 0.00	57.05 4.76 0.00	56.33 4.73 -1.89	49.98 4.17 0.00	46.45 3.72 0.00	44.82 3.32 0.00
NYPA_GOWANUS____GT5 24156	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NYPA_GOWANUS____GT6 24157	59.46 2.55 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.64 2.29 -16.16	58.63 3.62 -10.85	62.32 3.21 -11.95	62.29 3.09 -15.05	62.31 3.18 -17.87	60.88 3.13 -16.52	60.87 2.93 -18.30	60.90 2.91 -19.19	62.80 2.96 -20.41	60.99 2.91 -19.33	64.44 3.44 -20.00	63.97 3.59 -16.66	72.96 4.24 -16.37	262.54 4.75 -197.68	65.19 4.19 -8.71	65.11 3.88 -11.51	64.86 3.67 -15.39	64.15 3.46 -17.96	62.31 3.20 -17.62
NYPA_HARLEM__RVR__GT1 24160	42.52 1.99 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.16 1.69 -0.01	38.77 1.84 -0.01	41.96 1.77 -0.01	46.54 2.38 0.00	49.70 2.54 0.00	46.53 2.38 0.01	43.78 2.52 -0.01	43.71 2.47 -0.01	41.94 2.30 -0.01	41.10 2.29 -0.01	41.76 2.33 -0.01	41.05 2.29 -0.01	43.75 2.75 -0.01	47.11 2.93 -0.46	55.91 3.56 0.00	64.14 4.03 0.00	55.85 3.56 0.00	52.95 3.23 -0.01	48.92 3.12 0.00	45.69 2.95 -0.01	43.99 2.49 -0.01
NYPA_HARLEM__RVR__GT2 24161	42.52 1.99 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.16 1.69 -0.01	38.77 1.84 -0.01	41.96 1.77 -0.01	46.54 2.38 0.00	49.70 2.54 0.00	46.53 2.38 0.01	43.78 2.52 -0.01	43.71 2.47 -0.01	41.94 2.30 -0.01	41.10 2.29 -0.01	41.76 2.33 -0.01	41.05 2.29 -0.01	43.75 2.75 -0.01	47.11 2.93 -0.46	55.91 3.56 0.00	64.14 4.03 0.00	55.85 3.56 0.00	52.95 3.23 -0.01	48.92 3.12 0.00	45.69 2.95 -0.01	43.99 2.49 -0.01
NYPA_KENT____GT 24152	52.35 2.43 -9.39	51.25 2.31 -9.72	38.76 2.16 -0.07	36.37 1.89 -0.01	38.91 1.99 -0.01	51.59 2.13 -9.27	53.56 3.18 -6.22	57.07 3.06 -6.85	55.74 2.96 -8.63	54.88 3.05 -10.57	53.89 2.97 -9.69	53.24 2.77 -10.83	52.98 2.80 -11.37	54.55 2.80 -12.32	53.01 2.75 -11.50	56.56 3.32 -12.25	56.88 3.41 -9.75	56.41 4.03 -0.03	64.66 4.51 -0.03	60.88 3.97 -4.62	59.50 3.68 -6.11	58.11 3.48 -8.82	56.37 3.34 -10.30	54.63 3.03 -10.11
NYPA_POUCH1____GT 24155	59.37 2.47 -16.37	58.60 2.43 -16.95	38.88 2.23 -0.11	36.44 1.96 -0.01	38.99 2.07 -0.01	58.60 2.25 -16.16	58.99 3.98 -10.85	62.17 3.06 -11.95	62.16 2.96 -15.05	62.14 3.01 -17.87	60.72 2.97 -16.52	60.71 2.77 -18.30	60.75 2.76 -19.19	62.64 2.80 -20.41	60.84 2.75 -19.33	64.28 3.28 -20.00	63.79 3.41 -16.66	72.70 3.98 -16.37	70.17 4.45 -5.61	64.87 3.87 -8.71	64.86 3.63 -11.51	64.63 3.44 -15.39	64.03 3.34 -17.96	62.14 3.03 -17.62
NYPA_VERNON____GT2 24162	45.21 2.27 -2.41	43.91 2.19 -2.49	38.57 2.01 -0.02	36.27 1.79 -0.01	38.81 1.88 -0.01	44.58 2.01 -2.38	48.45 2.69 -1.59	51.79 2.88 -1.75	49.14 2.78 -2.21	47.41 2.89 -3.27	46.90 2.81 -2.86	45.65 2.66 -3.36	45.01 2.64 -3.56	46.34 2.68 -4.23	45.07 2.64 -3.67	48.65 3.16 -4.51	49.84 3.28 -2.84	56.23 3.87 -0.01	64.45 4.33 -0.01	57.24 3.77 -1.18	54.76 3.48 -1.57	51.37 3.30 -2.26	48.54 3.16 -2.64	46.95 2.86 -2.59
NYPA_VERNON____GT3 24163	45.21 2.27 -2.41	43.91 2.19 -2.49	38.57 2.01 -0.02	36.27 1.79 -0.01	38.81 1.88 -0.01	44.58 2.01 -2.38	48.45 2.69 -1.59	51.79 2.88 -1.75	49.14 2.78 -2.21	47.41 2.89 -3.27	46.90 2.81 -2.86	45.65 2.66 -3.36	45.01 2.64 -3.56	46.34 2.68 -4.23	45.07 2.64 -3.67	48.65 3.16 -4.51	49.84 3.28 -2.84	56.23 3.87 -0.01	64.45 4.33 -0.01	57.24 3.77 -1.18	54.76 3.48 -1.57	51.37 3.30 -2.26	48.54 3.16 -2.64	46.95 2.86 -2.59
NYPA__ASTORIA_CC1 323568	42.77 2.23 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.80 1.88 -0.01	42.17 1.97 -0.01	46.81 2.65 0.00	49.99 2.83 0.00	46.89 2.74 0.00	44.75 2.84 -0.65	44.61 2.76 -0.62	42.93 2.62 -0.68	42.16 2.60 -0.75	43.31 2.64 -1.24	42.16 2.56 -0.85	45.69 3.11 -1.58	47.37 3.19 -0.46	56.12 3.77 0.00	64.32 4.21 0.00	56.01 3.71 0.00	53.15 3.43 -0.01	49.11 3.30 0.00	45.86 3.12 -0.01	44.33 2.82 -0.01
NYPA__ASTORIA_CC2 323569	42.77 2.23 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.80 1.88 -0.01	42.17 1.97 -0.01	46.81 2.65 0.00	49.99 2.83 0.00	46.89 2.74 0.00	44.75 2.84 -0.65	44.61 2.76 -0.62	42.93 2.62 -0.68	42.16 2.60 -0.75	43.31 2.64 -1.24	42.16 2.56 -0.85	45.69 3.11 -1.58	47.37 3.19 -0.46	56.12 3.77 0.00	64.32 4.21 0.00	56.01 3.71 0.00	53.15 3.43 -0.01	49.11 3.30 0.00	45.86 3.12 -0.01	44.33 2.82 -0.01
NYPA__HOLTSVILL 23794	42.76 2.23 0.00	41.81 2.59 0.00	39.02 2.49 0.00	36.60 2.14 0.00	39.28 2.36 0.00	42.04 1.85 0.00	47.12 2.96 0.00	50.13 2.97 0.00	46.85 2.69 0.00	44.23 2.97 0.00	44.04 2.81 0.00	42.21 2.57 0.00	41.33 2.52 0.00	41.87 2.45 0.00	40.97 2.21 0.00	43.86 2.87 0.00	46.88 2.71 -0.46	55.96 3.61 0.00	64.74 4.63 0.00	56.22 3.92 0.00	55.48 3.88 -1.89	49.20 3.39 0.00	45.72 2.99 0.00	44.11 2.62 0.00
NYPA__HELLGATE_GT1 24158	42.52 1.99 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.16 1.69 -0.01	38.77 1.84 -0.01	41.96 1.77 -0.01	46.54 2.38 0.00	49.70 2.54 0.00	46.53 2.38 0.01	43.78 2.52 -0.01	43.71 2.47 -0.01	41.94 2.30 -0.01	41.10 2.29 -0.01	41.76 2.33 -0.01	41.05 2.29 -0.01	43.75 2.75 -0.01	47.11 2.93 -0.46	55.91 3.56 0.00	64.14 4.03 0.00	55.85 3.56 0.00	52.95 3.23 -0.01	48.92 3.12 0.00	45.69 2.95 -0.01	43.99 2.49 -0.01
NYPA__HELLGATE_GT2 24159	42.52 1.99 -0.01	41.19 1.96 -0.01	38.41 1.86 -0.01	36.16 1.69 -0.01	38.77 1.84 -0.01	41.96 1.77 -0.01	46.54 2.38 0.00	49.70 2.54 0.00	46.53 2.38 0.01	43.78 2.52 -0.01	43.71 2.47 -0.01	41.94 2.30 -0.01	41.10 2.29 -0.01	41.76 2.33 -0.01	41.05 2.29 -0.01	43.75 2.75 -0.01	47.11 2.93 -0.46	55.91 3.56 0.00	64.14 4.03 0.00	55.85 3.56 0.00	52.95 3.23 -0.01	48.92 3.12 0.00	45.69 2.95 -0.01	43.99 2.49 -0.01
NYS_BARGE__HYD 23848	38.50 -2.03 0.00	36.82 -2.39 0.00	34.12 -2.41 0.00	32.29 -2.17 0.00	34.81 -2.10 0.00	38.14 -2.05 0.00	42.04 -2.12 0.00	43.95 -3.21 0.00	41.11 -3.05 0.00	38.41 -2.85 0.00	38.47 -2.76 0.00	36.90 -2.73 0.00	35.74 -3.07 0.00	36.64 -2.76 0.03	36.04 -2.71 0.00	37.84 -3.16 0.00	40.22 -3.50 0.00	47.50 -4.82 0.03	54.43 -5.65 0.03	47.90 -4.34 0.05	45.95 -3.73 0.03	42.56 -3.25 0.00	39.74 -2.99 0.00	39.63 -1.87 0.00

OAK ORCHARD___HYD 24046	39.31 -1.21 0.00	37.73 -1.49 0.00	35.00 -1.53 0.00	33.09 -1.38 0.00	35.62 -1.29 0.00	38.99 -1.20 0.00	43.01 -1.15 0.00	45.50 -1.65 0.00	42.56 -1.59 0.00	39.77 -1.48 0.00	39.83 -1.40 0.00	38.24 -1.39 0.00	37.29 -1.51 0.00	38.09 -1.34 0.00	37.48 -1.28 0.00	39.35 -1.64 0.00	41.92 -1.79 0.00	49.89 -2.46 0.00	57.41 -2.70 0.00	50.57 -1.72 0.00	47.93 -1.79 0.00	44.07 -1.74 0.00	41.06 -1.67 0.00	40.42 -1.08 0.00
OAKDALE___35_KV_LOAD 356122	40.53 0.00 0.00	39.10 -0.12 0.00	36.39 -0.15 0.00	34.33 -0.14 0.00	36.84 -0.07 0.00	40.19 0.00 0.00	44.29 0.13 0.00	47.20 0.05 0.00	44.15 0.00 0.00	41.09 -0.17 0.00	41.03 -0.21 0.00	39.43 -0.20 0.00	38.61 -0.19 0.00	39.23 -0.20 0.00	38.60 -0.16 0.00	40.83 -0.16 0.00	43.75 -0.17 -0.21	51.99 -0.37 0.00	59.63 -0.48 0.00	51.87 -0.42 0.00	49.62 -0.10 0.00	45.81 0.00 0.00	42.65 -0.09 0.00	41.50 0.00 0.00
OCC_CHEM___DRP 24175	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.58 0.00	34.33 -2.58 0.00	37.54 -2.65 0.00	41.56 -2.61 0.00	43.67 -3.49 0.00	40.75 -3.40 0.00	37.63 -3.63 0.00	37.64 -3.59 0.00	36.22 -3.41 0.00	35.58 -3.22 0.00	35.89 -3.51 0.03	35.42 -3.33 0.00	37.30 -3.69 0.00	39.65 -4.07 0.00	46.72 -5.60 0.03	53.83 -6.25 0.03	47.12 -5.12 0.05	45.01 -4.67 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	38.51 -2.99 0.00
OH_GEN_PROXY 24063	38.34 -2.19 0.00	36.67 -2.55 0.00	34.02 -2.52 0.00	32.19 -2.28 0.00	34.63 -2.29 0.00	37.98 -2.21 0.00	41.78 -2.39 0.00	43.76 -3.40 0.00	40.93 -3.22 0.00	38.29 -2.97 0.00	38.34 -2.89 0.00	36.78 -2.85 0.00	35.66 -3.14 0.00	36.52 -2.88 0.03	35.97 -2.79 0.00	37.71 -3.28 0.00	40.09 -3.63 0.00	47.40 -4.92 0.03	54.26 -5.83 0.03	47.70 -4.55 0.04	45.76 -3.93 0.03	42.42 -3.39 0.00	39.61 -3.12 0.00	39.46 -2.03 0.00
OLIN_CORP_DRP 24177	38.02 -2.51 0.00	36.36 -2.86 0.00	33.72 -2.81 0.00	31.88 -2.58 0.00	34.37 -2.55 0.00	37.58 -2.61 0.00	41.56 -2.61 0.00	43.67 -3.49 0.00	40.75 -3.40 0.00	37.63 -3.63 0.00	37.69 -3.55 0.00	36.22 -3.41 0.00	35.62 -3.18 0.00	35.89 -3.51 0.03	35.42 -3.33 0.00	37.30 -3.69 0.00	39.65 -4.07 0.00	46.72 -5.60 0.03	53.83 -6.25 0.03	47.12 -5.12 0.05	45.01 -4.67 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	38.51 -2.99 0.00
OLIN_CORP_DSASP 323712	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.59 0.00	34.33 -2.59 0.00	37.66 -2.53 0.00	41.42 -2.74 0.00	43.29 -3.87 0.00	40.49 -3.66 0.00	37.92 -3.34 0.00	37.97 -3.26 0.00	36.42 -3.21 0.00	35.27 -3.53 0.00	36.13 -3.27 0.03	35.62 -3.14 0.00	37.30 -3.69 0.00	39.65 -4.06 0.00	46.77 -5.55 0.03	53.59 -6.49 0.03	47.18 -5.07 0.05	45.26 -4.42 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	39.13 -2.36 0.00
ONEIDA_HERK_LFGE 323681	41.74 1.21 0.00	40.31 1.10 0.00	37.56 1.02 0.00	35.36 0.89 0.00	37.80 0.88 0.00	41.23 1.04 0.00	45.40 1.23 0.00	48.81 1.65 0.00	45.65 1.50 0.00	42.50 1.24 0.00	42.55 1.32 0.00	41.06 1.42 0.00	40.08 1.28 0.00	40.81 1.38 0.00	40.03 1.28 0.00	42.02 1.03 0.00	44.90 1.18 0.00	53.87 1.52 0.00	62.40 2.28 0.00	54.28 1.99 0.00	51.60 1.89 0.00	47.50 1.70 0.00	44.23 1.49 0.00	42.91 1.41 0.00
ONEIDA___115KV_TB4 55905	41.62 1.09 0.00	40.20 0.98 0.00	37.45 0.91 0.00	35.29 0.83 0.00	37.84 0.92 0.00	41.28 1.09 0.00	45.49 1.32 0.00	48.62 1.46 0.00	45.56 1.41 0.00	42.37 1.11 0.00	42.39 1.15 0.00	40.74 1.11 0.00	39.85 1.05 0.00	40.53 1.10 0.00	39.84 1.09 0.00	42.14 1.15 0.00	45.03 1.31 0.00	53.97 1.62 0.00	62.34 2.22 0.00	54.18 1.88 0.00	51.55 1.84 0.00	47.46 1.65 0.00	44.14 1.41 0.00	42.78 1.29 0.00
ONONDAGA_REF_OCCRA 23987	40.16 -0.36 0.00	38.71 -0.51 0.00	36.03 -0.51 0.00	33.98 -0.48 0.00	36.47 -0.44 0.00	39.75 -0.44 0.00	43.76 -0.40 0.00	46.64 -0.52 0.00	43.62 -0.53 0.00	40.68 -0.58 0.00	40.61 -0.62 0.00	39.08 -0.55 0.00	38.30 -0.50 0.00	38.92 -0.51 0.00	38.33 -0.43 0.00	40.46 -0.53 0.00	43.15 -0.57 0.00	51.62 -0.73 0.00	59.39 -0.72 0.00	51.77 -0.52 0.00	49.22 -0.50 0.00	45.35 -0.46 0.00	42.18 -0.56 0.00	40.96 -0.54 0.00
ONONDAGA___COGEN 23986	40.33 -0.20 0.00	38.87 -0.35 0.00	36.17 -0.37 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	43.94 -0.22 0.00	46.83 -0.33 0.00	43.80 -0.35 0.00	40.85 -0.41 0.00	40.78 -0.45 0.00	39.24 -0.40 0.00	38.50 -0.31 0.00	39.11 -0.32 0.00	38.52 -0.23 0.00	40.66 -0.33 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.69 -0.42 0.00	52.03 -0.26 0.00	49.47 -0.25 0.00	45.58 -0.23 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00
ONTARIO___LFGE 23819	40.33 -0.20 0.00	38.75 -0.47 0.00	36.03 -0.51 0.00	33.98 -0.48 0.00	36.58 -0.33 0.00	40.07 -0.12 0.00	44.29 0.13 0.00	47.06 -0.09 0.00	43.98 -0.18 0.00	40.85 -0.41 0.00	40.78 -0.45 0.00	39.08 -0.55 0.00	38.15 -0.66 0.00	38.98 -0.47 -0.02	38.29 -0.46 0.00	40.33 -0.66 0.00	43.10 -0.61 0.00	51.64 -0.73 -0.02	59.05 -1.08 -0.02	51.90 -0.42 -0.03	49.54 -0.20 -0.02	45.58 -0.23 0.00	42.30 -0.43 0.00	41.41 -0.08 0.00
ORANGEVILLE_WT_PWR 323706	38.67 -1.86 0.00	37.02 -2.20 0.00	34.35 -2.19 0.00	32.43 -2.03 0.00	34.92 -1.99 0.00	38.30 -1.89 0.00	42.31 -1.85 0.00	44.37 -2.78 0.00	41.06 -3.09 0.00	38.08 -3.18 0.00	37.93 -3.30 0.00	36.30 -3.33 0.00	35.24 -3.57 0.00	35.86 -3.35 0.22	35.46 -3.29 0.00	37.34 -3.65 0.00	39.98 -3.85 -0.11	47.16 -4.97 0.22	54.01 -5.89 0.22	47.15 -4.81 0.33	45.47 -4.03 0.22	42.28 -3.53 0.00	39.44 -3.29 0.00	39.09 -2.41 0.00
ORANGEVILLE___ESR 323794	38.67 -1.86 0.00	37.02 -2.20 0.00	34.35 -2.19 0.00	32.43 -2.03 0.00	34.92 -1.99 0.00	38.30 -1.89 0.00	42.31 -1.85 0.00	44.37 -2.78 0.00	41.06 -3.09 0.00	38.08 -3.18 0.00	37.93 -3.30 0.00	36.30 -3.33 0.00	35.24 -3.57 0.00	35.86 -3.35 0.22	35.46 -3.29 0.00	37.34 -3.65 0.00	39.98 -3.85 -0.11	47.16 -4.97 0.22	54.01 -5.89 0.22	47.15 -4.81 0.33	45.47 -4.03 0.22	42.28 -3.53 0.00	39.44 -3.29 0.00	39.09 -2.41 0.00
OSWEGATCHIE___HYD 24044	43.20 2.67 0.00	41.65 2.43 0.00	38.84 2.30 0.00	36.33 1.86 0.00	38.10 1.18 0.00	41.48 1.29 0.00	45.53 1.37 0.00	48.95 1.79 0.00	45.56 1.41 0.00	42.50 1.24 0.00	42.92 1.69 0.00	42.05 2.42 0.00	41.02 2.21 0.00	41.76 2.33 0.00	40.85 2.09 0.00	42.06 1.06 0.00	44.68 0.96 0.00	53.34 0.99 0.00	62.58 2.47 0.00	54.44 2.14 0.00	51.85 2.14 0.00	47.92 2.11 0.00	44.74 2.01 0.00	43.88 2.36 -0.02
OSWEGO___5 23606	39.56 -0.97 0.00	38.16 -1.06 0.00	35.55 -0.98 0.00	33.54 -0.93 0.00	35.95 -0.96 0.00	39.15 -1.05 0.00	43.06 -1.10 0.00	45.93 -1.23 0.00	43.00 -1.15 0.00	40.15 -1.11 0.00	40.12 -1.11 0.00	38.56 -1.07 0.00	37.72 -1.09 0.00	38.40 -1.03 0.00	37.75 -1.01 0.00	39.72 -1.27 0.00	42.32 -1.40 0.00	50.63 -1.73 0.00	58.19 -1.93 0.00	50.73 -1.57 0.00	48.27 -1.44 0.00	44.44 -1.37 0.00	41.41 -1.33 0.00	40.33 -1.16 0.00

OSWEGO___6 23613	39.56 -0.97 0.00	38.16 -1.06 0.00	35.55 -0.98 0.00	33.54 -0.93 0.00	35.95 -0.96 0.00	39.15 -1.05 0.00	43.06 -1.10 0.00	45.93 -1.23 0.00	43.00 -1.15 0.00	40.15 -1.11 0.00	40.12 -1.11 0.00	38.56 -1.07 0.00	37.72 -1.09 0.00	38.40 -1.03 0.00	37.75 -1.01 0.00	39.72 -1.27 0.00	42.32 -1.40 0.00	50.63 -1.73 0.00	58.19 -1.93 0.00	50.73 -1.57 0.00	48.27 -1.44 0.00	44.44 -1.37 0.00	41.41 -1.33 0.00	40.33 -1.16 0.00
OUTOKUMPU-AB___DRP 24206	38.91 -1.62 0.00	37.26 -1.96 0.00	34.53 -2.01 0.00	32.67 -1.79 0.00	35.22 -1.70 0.00	38.54 -1.65 0.00	42.70 -1.46 0.00	44.85 -2.31 0.00	41.90 -2.25 0.00	38.70 -2.56 0.00	38.72 -2.52 0.00	37.25 -2.38 0.00	36.59 -2.21 0.00	36.92 -2.48 0.03	36.39 -2.36 0.00	38.33 -2.66 0.00	40.74 -2.97 0.00	47.98 -4.35 0.03	55.22 -4.87 0.03	48.17 -4.08 0.04	46.26 -3.43 0.03	43.15 -2.66 0.00	40.21 -2.52 0.00	39.50 -1.99 0.00
OXBOW___BTM 323836	38.42 -2.11 0.00	36.75 -2.47 0.00	34.09 -2.45 0.00	32.23 -2.24 0.00	34.70 -2.21 0.00	38.10 -2.09 0.00	41.95 -2.21 0.00	43.81 -3.35 0.00	41.02 -3.13 0.00	38.37 -2.89 0.00	38.43 -2.81 0.00	36.86 -2.78 0.00	35.70 -3.11 0.00	36.60 -2.80 0.03	36.01 -2.75 0.00	37.79 -3.20 0.00	40.13 -3.58 0.00	47.40 -4.92 0.03	54.20 -5.89 0.03	47.65 -4.60 0.04	45.81 -3.88 0.03	42.51 -3.30 0.00	39.65 -3.08 0.00	39.55 -1.95 0.00
OXBOW____ 24026	38.42 -2.11 0.00	36.71 -2.51 0.00	34.09 -2.45 0.00	32.22 -2.24 0.00	34.70 -2.21 0.00	37.98 -2.21 0.00	42.09 -2.08 0.00	44.19 -2.97 0.00	41.28 -2.87 0.00	38.12 -3.14 0.00	38.14 -3.09 0.00	36.70 -2.93 0.00	36.05 -2.76 0.00	36.36 -3.04 0.03	35.85 -2.91 0.00	37.79 -3.20 0.00	40.13 -3.58 0.00	47.30 -5.03 0.03	54.43 -5.65 0.03	47.59 -4.65 0.04	45.56 -4.13 0.03	42.46 -3.34 0.00	39.66 -3.08 0.00	38.92 -2.57 0.00
OXY_CHEM_DSASP 323612	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.58 0.00	34.33 -2.58 0.00	37.54 -2.65 0.00	41.56 -2.61 0.00	43.67 -3.49 0.00	40.75 -3.40 0.00	37.63 -3.63 0.00	37.64 -3.59 0.00	36.22 -3.41 0.00	35.58 -3.22 0.00	35.89 -3.51 0.03	35.42 -3.33 0.00	37.30 -3.69 0.00	39.65 -4.07 0.00	46.72 -5.60 0.03	53.83 -6.25 0.03	47.12 -5.12 0.05	45.01 -4.67 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	38.51 -2.99 0.00
OZONE_PARK_ESR 323760	42.84 2.31 0.00	41.41 2.20 0.00	38.55 2.01 0.00	36.22 1.76 0.00	38.76 1.85 0.00	42.20 2.01 0.00	46.63 2.47 0.00	50.36 3.21 0.00	47.38 3.22 0.00	44.48 3.22 0.00	44.45 3.22 0.00	42.60 2.97 0.00	41.60 2.79 0.00	42.43 3.00 0.00	41.59 2.83 0.00	44.19 3.20 0.00	47.51 3.32 -0.47	56.33 3.98 0.00	64.50 4.39 0.00	56.21 3.92 0.00	53.45 3.73 -0.01	49.20 3.39 0.00	45.94 3.20 0.00	44.53 3.03 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.58 0.00	34.33 -2.58 0.00	37.54 -2.65 0.00	41.56 -2.61 0.00	43.67 -3.49 0.00	40.75 -3.40 0.00	37.63 -3.63 0.00	37.64 -3.59 0.00	36.22 -3.41 0.00	35.58 -3.22 0.00	35.89 -3.51 0.03	35.42 -3.33 0.00	37.30 -3.69 0.00	39.65 -4.07 0.00	46.72 -5.60 0.03	53.83 -6.25 0.03	47.12 -5.12 0.05	45.01 -4.67 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	38.51 -2.99 0.00
PACKARD__115KV_DUPONT_184 80571	38.02 -2.51 0.00	36.32 -2.90 0.00	33.72 -2.81 0.00	31.88 -2.58 0.00	34.33 -2.58 0.00	37.54 -2.65 0.00	41.56 -2.61 0.00	43.67 -3.49 0.00	40.75 -3.40 0.00	37.63 -3.63 0.00	37.64 -3.59 0.00	36.22 -3.41 0.00	35.58 -3.22 0.00	35.89 -3.51 0.03	35.42 -3.33 0.00	37.30 -3.69 0.00	39.65 -4.07 0.00	46.72 -5.60 0.03	53.83 -6.25 0.03	47.12 -5.12 0.05	45.01 -4.67 0.03	41.96 -3.85 0.00	39.19 -3.55 0.00	38.51 -2.99 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.73 2.19 -0.01	41.30 2.08 -0.01	38.52 1.97 -0.01	36.27 1.79 -0.01	38.84 1.92 -0.01	42.13 1.93 -0.01	46.41 2.25 0.00	50.08 2.92 0.00	47.07 2.91 0.00	44.24 2.97 -0.01	44.21 2.97 -0.01	42.37 2.73 -0.01	41.37 2.56 -0.01	42.20 2.76 -0.01	41.36 2.60 -0.01	43.95 2.95 -0.01	47.26 3.06 -0.48	56.12 3.77 0.00	64.08 3.97 0.00	56.01 3.71 0.00	53.20 3.48 -0.01	49.06 3.25 0.00	45.77 3.03 -0.01	44.28 2.78 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.97 2.43 -0.01	41.54 2.31 -0.01	38.70 2.16 -0.01	36.47 2.00 -0.01	39.06 2.14 -0.01	42.37 2.17 -0.01	46.68 2.52 0.00	50.36 3.21 0.00	47.29 3.13 0.00	44.44 3.18 -0.01	44.37 3.13 -0.01	42.53 2.89 -0.01	41.53 2.72 -0.01	42.32 2.88 -0.01	41.48 2.71 -0.01	44.07 3.07 -0.01	47.52 3.32 -0.48	56.33 3.98 0.00	64.32 4.21 0.00	56.21 3.92 0.00	53.40 3.68 -0.01	49.29 3.48 0.00	45.99 3.25 -0.01	44.53 3.03 -0.01
PATROON__115KV_TB1 80586	42.39 1.86 0.00	41.10 1.88 0.00	38.25 1.72 0.00	36.09 1.62 0.00	38.65 1.73 0.00	42.04 1.85 0.00	46.06 1.90 0.00	49.28 2.12 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.21 1.98 0.00	41.42 1.78 0.00	40.55 1.75 0.00	41.20 1.77 0.00	40.54 1.78 0.00	43.00 2.01 0.00	49.31 2.19 -3.41	55.28 2.93 0.00	63.42 3.31 0.00	55.17 2.88 0.00	52.62 2.83 -0.07	48.33 2.52 0.00	45.08 2.35 0.00	43.78 2.28 0.00
PATTRSNVILLE___SOLAR 323815	42.03 1.50 0.00	40.71 1.49 0.00	37.89 1.35 0.00	35.74 1.28 0.00	38.32 1.40 0.00	41.72 1.53 0.00	45.93 1.77 0.00	48.99 1.84 0.00	45.65 1.50 0.00	42.54 1.28 0.00	42.43 1.20 0.00	40.66 1.03 0.00	39.85 1.05 0.00	40.45 1.02 0.00	39.80 1.05 0.00	42.34 1.35 0.00	50.29 1.70 -4.87	54.65 2.30 0.00	62.88 2.77 0.00	54.70 2.41 0.00	52.21 2.39 -0.11	47.96 2.15 0.00	44.70 1.97 0.00	43.28 1.78 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	39.96 -0.57 0.00	38.24 -0.98 0.00	35.48 -1.06 0.00	33.57 -0.90 0.00	36.14 -0.78 0.00	39.59 -0.60 0.00	43.98 -0.18 0.00	46.21 -0.94 0.00	43.14 -1.02 0.00	39.81 -1.44 0.00	39.83 -1.40 0.00	38.28 -1.35 0.00	37.53 -1.28 0.00	37.95 -1.46 0.02	37.40 -1.36 0.00	39.43 -1.56 0.00	41.92 -1.79 0.00	49.08 -3.25 0.02	55.52 -4.57 0.02	47.87 -4.39 0.03	47.51 -2.19 0.02	44.39 -1.42 0.00	41.32 -1.41 0.00	40.67 -0.83 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	42.60 2.07 0.00	41.22 2.00 0.00	38.40 1.86 0.00	36.09 1.62 0.00	38.65 1.73 0.00	42.04 1.85 0.00	46.50 2.34 0.00	50.08 2.92 0.00	46.98 2.83 0.00	44.06 2.81 0.00	43.91 2.68 0.00	42.13 2.50 0.00	41.17 2.37 0.00	41.99 2.56 0.00	41.20 2.44 0.00	43.82 2.83 0.00	47.30 3.10 -0.48	55.96 3.61 0.00	64.08 3.97 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.88 3.07 0.00	45.47 2.73 0.00	44.15 2.66 0.00
PEEKSKILL____ 23653	42.31 1.78 0.00	40.94 1.72 0.00	38.14 1.61 0.00	35.88 1.41 0.00	38.39 1.48 0.00	41.72 1.53 0.00	46.15 1.99 0.00	49.51 2.36 0.00	46.40 2.25 0.00	43.57 2.31 0.00	43.42 2.18 0.00	41.69 2.06 0.00	40.90 2.09 0.00	41.52 2.09 0.00	40.81 2.05 0.00	43.53 2.54 0.00	46.88 2.71 -0.45	55.55 3.19 0.00	63.66 3.55 0.00	55.38 3.08 0.00	52.61 2.88 -0.01	48.56 2.75 0.00	45.25 2.52 0.00	43.78 2.28 0.00

PGE MADISON___WINDPWR 24146	43.37 2.84 0.00	41.89 2.67 0.00	39.13 2.59 0.00	36.88 2.41 0.00	39.57 2.66 0.00	43.41 3.22 0.00	48.22 4.06 0.00	51.49 4.34 0.00	48.13 3.98 0.00	44.48 3.22 0.00	44.33 3.09 0.00	42.56 2.93 0.00	41.29 2.49 0.00	42.08 2.64 -0.01	41.28 2.52 0.00	43.78 2.79 0.00	47.20 3.19 -0.30	56.29 3.93 -0.01	65.29 5.17 -0.01	56.64 4.34 -0.01	53.85 4.12 -0.01	49.43 3.62 0.00	45.77 3.03 0.00	44.49 2.99 0.00
PIERCEFIELD___HYD 23852	44.42 3.89 0.00	42.87 3.65 0.00	40.01 3.47 0.00	37.29 2.83 0.00	38.61 1.70 0.00	41.92 1.73 0.00	45.88 1.72 0.00	49.14 1.98 0.00	45.65 1.50 0.00	42.74 1.49 0.00	43.38 2.14 0.00	42.88 3.25 0.00	41.87 3.07 0.00	42.54 3.11 0.00	41.70 2.95 0.00	42.63 1.64 0.00	45.07 1.36 0.00	53.50 1.15 0.00	62.88 2.77 0.00	54.59 2.30 0.00	51.95 2.24 0.00	48.24 2.43 0.00	45.25 2.52 0.00	44.64 3.11 -0.03
PINELAWN_CC_1 323563	42.96 2.43 0.00	41.77 2.55 0.00	38.91 2.37 0.00	36.50 2.03 0.00	39.17 2.25 0.00	42.28 2.09 0.00	47.25 3.09 0.00	50.51 3.35 0.00	47.24 3.09 0.00	44.39 3.13 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.52 2.72 0.00	42.07 2.64 0.00	41.16 2.40 0.00	44.03 3.03 0.00	47.28 3.10 -0.46	56.38 4.03 0.00	65.10 4.99 0.00	56.58 4.29 0.00	55.88 4.28 -1.89	49.57 3.76 0.00	46.11 3.38 0.00	44.49 2.99 0.00
PJM_GEN_HTP_PROXY 323702	42.47 1.95 0.00	41.10 1.88 0.00	38.25 1.72 0.00	35.98 1.51 0.00	38.50 1.59 0.00	41.88 1.69 0.00	46.32 2.16 0.00	49.75 2.59 0.00	46.67 2.52 0.00	43.86 2.60 0.00	43.75 2.52 0.00	42.01 2.38 0.00	41.21 2.41 0.00	41.83 2.41 0.00	41.12 2.36 0.00	43.86 2.87 0.00	47.10 2.93 -0.46	55.86 3.51 0.00	64.02 3.91 0.00	55.69 3.40 0.00	52.91 3.18 -0.01	48.78 2.98 0.00	45.60 2.86 0.00	44.07 2.57 0.00
PJM_GEN_KEystone 24065	40.57 0.04 0.00	39.06 -0.16 0.00	36.36 -0.18 0.00	34.26 -0.21 0.00	36.77 -0.15 0.00	40.11 -0.08 0.00	44.29 0.13 0.00	47.06 -0.09 0.00	44.02 -0.13 0.00	41.22 -0.04 0.00	41.15 -0.08 0.00	39.51 -0.12 0.00	38.57 -0.23 0.00	39.27 -0.16 0.00	38.64 -0.12 0.00	40.95 -0.04 0.00	43.96 -0.04 -0.29	52.09 -0.26 0.00	59.45 -0.66 0.00	51.82 -0.47 0.00	49.62 -0.10 -0.01	45.90 0.09 0.00	42.77 0.04 0.00	41.87 0.37 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.51 1.99 0.00	41.30 2.08 0.00	38.47 1.94 0.00	36.12 1.65 0.00	38.72 1.81 0.00	41.88 1.69 0.00	46.63 2.47 0.00	49.94 2.78 0.00	46.76 2.60 0.00	43.94 2.68 0.00	43.79 2.56 0.00	42.01 2.38 0.00	41.17 2.37 0.00	41.76 2.33 0.00	40.85 2.09 0.00	43.66 2.66 0.00	46.93 2.76 -0.46	55.81 3.45 0.00	64.26 4.14 0.00	55.85 3.56 0.00	54.24 3.53 -1.00	49.01 3.21 0.00	45.60 2.86 0.00	44.03 2.53 0.00
PJM_GEN_VFT_PROXY 323633	42.27 1.74 0.00	40.90 1.69 0.00	38.07 1.53 0.00	35.81 1.34 0.00	38.32 1.40 0.00	41.68 1.49 0.00	45.88 1.72 0.00	49.47 2.31 0.00	46.45 2.29 0.00	43.65 2.39 0.00	43.54 2.31 0.00	41.81 2.18 0.00	41.02 2.21 0.00	41.64 2.21 0.00	40.93 2.17 0.00	43.66 2.66 0.00	46.88 2.71 -0.46	55.55 3.19 0.00	63.72 3.61 0.00	55.43 3.14 0.00	52.61 2.88 -0.01	48.56 2.75 0.00	45.38 2.65 0.00	43.86 2.36 0.00
PLATSBURG_115KV_PMLD1 355749	39.35 -1.18 0.00	38.28 -0.94 0.00	35.92 -0.62 0.00	34.22 -0.24 0.00	36.77 -0.15 0.00	40.27 0.08 0.00	44.29 0.13 0.00	47.06 -0.09 0.00	43.84 -0.31 0.00	40.93 -0.33 0.00	41.11 -0.12 0.00	39.71 0.08 0.00	39.00 0.19 0.00	39.59 0.16 0.00	38.80 0.04 0.00	40.71 -0.29 0.00	43.32 -0.39 0.00	51.41 -0.94 0.00	58.85 -1.26 0.00	50.36 -1.93 0.00	47.58 -2.14 0.00	43.61 -2.20 0.00	40.64 -2.09 0.00	39.33 -2.16 0.01
PLEASANTVLY___LBMP 24000	42.07 1.54 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.74 1.28 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.88 1.72 0.00	49.42 2.26 0.00	46.40 2.25 0.00	43.53 2.27 0.00	43.46 2.23 0.00	41.69 2.06 0.00	40.71 1.90 0.00	41.48 2.05 0.00	40.73 1.98 0.00	43.21 2.21 0.00	46.62 2.40 -0.50	55.07 2.72 0.00	63.06 2.95 0.00	54.96 2.67 0.00	52.26 2.54 -0.01	48.10 2.29 0.00	44.91 2.18 0.00	43.57 2.07 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.39 1.86 0.00	40.98 1.76 0.00	38.18 1.64 0.00	35.91 1.45 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.19 2.03 0.00	49.80 2.64 0.00	46.80 2.65 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.05 2.42 0.00	41.06 2.25 0.00	41.83 2.41 0.00	41.04 2.29 0.00	43.57 2.58 0.00	46.95 2.75 -0.48	55.60 3.25 0.00	63.66 3.55 0.00	55.43 3.14 0.00	52.71 2.98 -0.01	48.56 2.75 0.00	45.25 2.52 0.00	43.94 2.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.39 1.86 0.00	40.98 1.76 0.00	38.18 1.64 0.00	35.91 1.45 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.19 2.03 0.00	49.80 2.64 0.00	46.80 2.65 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.05 2.42 0.00	41.06 2.25 0.00	41.83 2.41 0.00	41.04 2.29 0.00	43.57 2.58 0.00	46.95 2.75 -0.48	55.60 3.25 0.00	63.66 3.55 0.00	55.43 3.14 0.00	52.71 2.98 -0.01	48.56 2.75 0.00	45.25 2.52 0.00	43.94 2.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.39 1.86 0.00	41.02 1.80 0.00	38.22 1.68 0.00	35.95 1.48 0.00	38.46 1.55 0.00	41.84 1.65 0.00	46.28 2.12 0.00	49.75 2.59 0.00	46.71 2.56 0.00	43.69 2.43 0.00	43.62 2.39 0.00	41.85 2.22 0.00	40.86 2.06 0.00	41.68 2.25 0.00	40.93 2.17 0.00	43.45 2.46 0.00	46.91 2.71 -0.48	55.60 3.25 0.00	63.66 3.55 0.00	55.48 3.19 0.00	52.71 2.98 -0.01	48.56 2.75 0.00	45.25 2.52 0.00	43.90 2.41 0.00
POLETTI___ 23519	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.24 2.08 0.00	49.89 2.74 0.00	46.98 2.83 0.00	44.11 2.85 0.00	44.12 2.89 0.00	42.29 2.66 0.00	41.33 2.52 0.00	42.11 2.68 0.00	41.28 2.52 0.00	43.86 2.87 0.00	47.12 2.93 -0.47	55.81 3.46 0.00	63.84 3.73 0.00	55.64 3.35 0.00	52.91 3.18 -0.01	48.74 2.93 0.00	45.59 2.86 0.00	44.24 2.74 0.00
POMONA___ESR 323819	42.11 1.58 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.70 1.24 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.93 1.77 0.00	49.28 2.12 0.00	46.18 2.03 0.00	43.28 2.02 0.00	43.17 1.94 0.00	41.46 1.82 0.00	40.67 1.86 0.00	41.28 1.85 0.00	40.62 1.86 0.00	43.29 2.29 0.00	46.60 2.45 -0.43	55.18 2.83 0.00	63.30 3.18 0.00	55.06 2.77 0.00	52.31 2.58 -0.01	48.23 2.43 0.00	45.00 2.26 0.00	43.53 2.03 0.00
PORT_JEFF_3 23555	42.88 2.35 0.00	41.92 2.70 0.00	39.13 2.59 0.00	36.70 2.24 0.00	39.39 2.47 0.00	42.20 2.01 0.00	47.25 3.09 0.00	50.32 3.16 0.00	47.02 2.87 0.00	44.35 3.10 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.45 2.64 0.00	41.99 2.56 0.00	41.08 2.33 0.00	43.98 2.99 0.00	47.06 2.88 -0.46	56.23 3.87 0.00	65.04 4.93 0.00	56.48 4.18 0.00	55.73 4.12 -1.89	49.43 3.62 0.00	45.89 3.16 0.00	44.28 2.78 0.00

PORT_JEFF_4 23616	42.88 2.35 0.00	41.92 2.70 0.00	39.13 2.59 0.00	36.70 2.24 0.00	39.39 2.47 0.00	42.20 2.01 0.00	47.25 3.09 0.00	50.32 3.16 0.00	47.02 2.87 0.00	44.35 3.10 0.00	44.20 2.97 0.00	42.36 2.73 0.00	41.45 2.64 0.00	41.99 2.56 0.00	41.08 2.33 0.00	43.98 2.99 0.00	47.06 2.88 -0.46	56.23 3.87 0.00	65.04 4.93 0.00	56.48 4.18 0.00	55.73 4.12 -1.89	49.43 3.62 0.00	45.89 3.16 0.00	44.28 2.78 0.00
PORT_JEFF_IC 23713	42.96 2.43 0.00	41.96 2.75 0.00	39.13 2.59 0.00	36.71 2.24 0.00	39.42 2.51 0.00	42.24 2.05 0.00	47.12 2.96 0.00	50.55 3.40 0.00	47.46 3.31 0.00	44.68 3.42 0.00	44.74 3.50 0.00	42.84 3.21 0.00	41.60 2.79 0.00	42.43 3.00 0.00	41.28 2.52 0.00	43.98 2.99 0.00	47.12 2.93 -0.47	56.28 3.93 0.00	65.04 4.93 0.00	56.53 4.24 0.00	55.88 4.28 -1.89	49.47 3.66 0.00	45.89 3.16 0.00	44.44 2.95 0.00
PPL_PILGRIM_ST_GT1 24216	43.29 2.76 0.00	42.12 2.90 0.00	39.24 2.70 0.00	36.81 2.34 0.00	39.54 2.62 0.00	42.60 2.41 0.00	47.70 3.53 0.00	50.97 3.82 0.00	47.60 3.45 0.00	44.76 3.50 0.00	44.57 3.34 0.00	42.68 3.05 0.00	41.79 2.99 0.00	42.39 2.96 0.00	41.47 2.71 0.00	44.35 3.36 0.00	47.62 3.45 -0.46	56.85 4.50 0.00	65.71 5.59 0.00	57.05 4.76 0.00	56.33 4.73 -1.89	49.98 4.17 0.00	46.45 3.72 0.00	44.82 3.32 0.00
PPL_PILGRIM_ST_GT2 24217	43.29 2.76 0.00	42.12 2.90 0.00	39.24 2.70 0.00	36.81 2.34 0.00	39.54 2.62 0.00	42.60 2.41 0.00	47.70 3.53 0.00	50.97 3.82 0.00	47.60 3.45 0.00	44.76 3.50 0.00	44.57 3.34 0.00	42.68 3.05 0.00	41.79 2.99 0.00	42.39 2.96 0.00	41.47 2.71 0.00	44.35 3.36 0.00	47.62 3.45 -0.46	56.85 4.50 0.00	65.71 5.59 0.00	57.05 4.76 0.00	56.33 4.73 -1.89	49.98 4.17 0.00	46.45 3.72 0.00	44.82 3.32 0.00
PPL_SHRM_GT3 24213	42.51 1.99 0.00	41.92 2.70 0.00	39.17 2.63 0.00	36.70 2.24 0.00	39.43 2.51 0.00	41.84 1.65 0.00	46.99 2.83 0.00	49.65 2.50 0.00	46.36 2.21 0.00	43.98 2.72 0.00	43.83 2.60 0.00	41.97 2.34 0.00	41.09 2.29 0.00	41.56 2.13 0.00	40.69 1.94 0.00	43.58 2.58 0.00	46.36 2.18 -0.46	55.49 3.14 0.00	64.26 4.14 0.00	55.80 3.50 0.00	55.08 3.48 -1.89	48.74 2.93 0.00	45.30 2.56 0.00	43.69 2.20 0.00
PPL_SHRM_GT4 24214	42.51 1.99 0.00	41.92 2.70 0.00	39.17 2.63 0.00	36.70 2.24 0.00	39.43 2.51 0.00	41.84 1.65 0.00	46.99 2.83 0.00	49.65 2.50 0.00	46.36 2.21 0.00	43.98 2.72 0.00	43.83 2.60 0.00	41.97 2.34 0.00	41.09 2.29 0.00	41.56 2.13 0.00	40.69 1.94 0.00	43.58 2.58 0.00	46.36 2.18 -0.46	55.49 3.14 0.00	64.26 4.14 0.00	55.80 3.50 0.00	55.08 3.48 -1.89	48.74 2.93 0.00	45.30 2.56 0.00	43.69 2.20 0.00
PROJECT___ORANGE 1 24174	40.00 -0.53 0.00	38.59 -0.63 0.00	35.92 -0.62 0.00	33.84 -0.62 0.00	36.36 -0.55 0.00	39.59 -0.60 0.00	43.59 -0.57 0.00	46.40 -0.75 0.00	43.45 -0.71 0.00	40.52 -0.74 0.00	40.45 -0.78 0.00	38.92 -0.71 0.00	38.18 -0.62 0.00	38.80 -0.63 0.00	38.21 -0.54 0.00	40.34 -0.66 0.00	42.97 -0.74 0.00	51.41 -0.94 0.00	59.09 -1.02 0.00	51.51 -0.78 0.00	48.97 -0.75 0.00	45.12 -0.69 0.00	42.01 -0.73 0.00	40.75 -0.75 0.00
PROJECT___ORANGE 2 24166	40.00 -0.53 0.00	38.59 -0.63 0.00	35.92 -0.62 0.00	33.84 -0.62 0.00	36.36 -0.55 0.00	39.59 -0.60 0.00	43.59 -0.57 0.00	46.40 -0.75 0.00	43.45 -0.71 0.00	40.52 -0.74 0.00	40.45 -0.78 0.00	38.92 -0.71 0.00	38.18 -0.62 0.00	38.80 -0.63 0.00	38.21 -0.54 0.00	40.34 -0.66 0.00	42.97 -0.74 0.00	51.41 -0.94 0.00	59.09 -1.02 0.00	51.51 -0.78 0.00	48.97 -0.75 0.00	45.12 -0.69 0.00	42.01 -0.73 0.00	40.75 -0.75 0.00
PUCKETT___SOLAR 323809	41.26 0.73 0.00	39.81 0.59 0.00	37.09 0.55 0.00	34.95 0.48 0.00	37.54 0.63 0.00	41.04 0.85 0.00	45.27 1.10 0.00	48.24 1.09 0.00	45.08 0.93 0.00	41.96 0.70 0.00	41.85 0.62 0.00	40.19 0.55 0.00	39.23 0.43 0.00	40.02 0.59 0.00	39.34 0.58 0.00	41.65 0.65 0.00	44.75 0.79 -0.25	53.29 0.94 0.00	61.20 1.08 0.00	53.23 0.94 0.00	50.86 1.14 -0.01	46.91 1.10 0.00	43.54 0.81 0.00	42.49 0.99 0.00
PYRITES___HYD 24023	45.39 4.86 0.00	43.81 4.59 0.00	40.88 4.35 0.00	38.08 3.62 0.00	39.50 2.58 0.00	43.04 2.85 0.00	47.21 3.05 0.00	50.46 3.30 0.00	46.71 2.56 0.00	43.57 2.31 0.00	44.16 2.93 0.00	43.67 4.04 0.00	42.61 3.80 0.00	43.29 3.86 0.00	42.44 3.68 0.00	43.37 2.38 0.00	45.99 2.27 0.00	54.76 2.41 0.00	64.80 4.69 0.00	56.37 4.08 0.00	53.64 3.93 0.00	49.75 3.94 0.00	46.58 3.85 0.00	45.85 4.32 -0.03
QUAKERRD_115KV_BK1 80622	38.67 -1.86 0.00	37.14 -2.08 0.00	34.49 -2.05 0.00	32.57 -1.90 0.00	35.07 -1.85 0.00	38.30 -1.89 0.00	42.31 -1.85 0.00	44.89 -2.26 0.00	41.99 -2.16 0.00	38.95 -2.31 0.00	38.96 -2.27 0.00	37.49 -2.14 0.00	36.90 -1.90 0.00	37.34 -2.09 0.00	36.78 -1.98 0.00	38.82 -2.17 0.00	41.36 -2.36 0.00	49.32 -3.04 0.00	56.93 -3.19 0.00	49.83 -2.46 0.00	46.98 -2.73 0.00	43.43 -2.38 0.00	40.42 -2.31 0.00	39.34 -2.16 0.00
QUEENSBRY_115KV_TB8 356137	44.06 3.53 0.00	42.79 3.57 0.00	39.72 3.18 0.00	37.46 3.00 0.00	40.27 3.36 0.00	43.89 3.70 0.00	48.93 4.77 0.00	52.25 5.09 0.00	48.66 4.50 0.00	45.30 4.04 0.00	45.27 4.04 0.00	43.20 3.57 0.00	42.26 3.45 0.00	42.82 3.39 0.00	42.21 3.45 0.00	44.89 3.89 0.00	52.61 4.55 -4.35	57.74 5.39 0.00	66.55 6.43 0.00	57.68 5.39 0.00	55.48 5.67 -0.09	50.89 5.08 0.00	47.18 4.44 0.00	45.56 4.07 0.00
RAMAPO___LBMP 323565	41.95 1.42 0.00	40.59 1.37 0.00	37.78 1.24 0.00	35.57 1.10 0.00	38.06 1.14 0.00	41.40 1.21 0.00	45.75 1.59 0.00	49.28 2.12 0.00	46.27 2.12 0.00	43.36 2.10 0.00	43.29 2.06 0.00	41.53 1.90 0.00	40.59 1.79 0.00	41.36 1.93 0.00	40.58 1.82 0.00	43.08 2.09 0.00	46.39 2.23 -0.44	54.97 2.62 0.00	62.94 2.83 0.00	54.86 2.56 0.00	52.16 2.44 -0.01	48.05 2.24 0.00	44.78 2.05 0.00	43.45 1.95 0.00
RANKINE____ 23646	39.48 -1.05 0.00	37.77 -1.45 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	39.11 -1.09 0.00	43.41 -0.75 0.00	45.60 -1.56 0.00	42.56 -1.59 0.00	39.32 -1.94 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.10 -1.71 0.00	37.47 -1.93 0.02	36.94 -1.82 0.00	38.94 -2.05 0.00	41.36 -2.36 0.00	48.61 -3.72 0.02	55.58 -4.51 0.02	48.28 -3.97 0.04	46.96 -2.73 0.02	43.79 -2.02 0.00	40.81 -1.92 0.00	40.09 -1.41 0.00
RAVENSWOOD_GT2_1 24244	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.19 2.93 0.00	44.16 2.93 0.00	42.33 2.69 0.00	41.33 2.52 0.00	42.15 2.72 0.00	41.32 2.56 0.00	43.90 2.91 0.00	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.24 2.74 0.00



RAVENSWOOD_GT2_2 24245	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.19 2.93 0.00	44.16 2.93 0.00	42.33 2.69 0.00	41.33 2.52 0.00	42.15 2.72 0.00	41.32 2.56 0.00	43.90 2.91 0.00	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.24 2.74 0.00
RAVENSWOOD_GT2_3 24246	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.07 2.91 0.00	44.23 2.97 0.00	44.16 2.93 0.00	42.37 2.73 0.00	41.37 2.56 0.00	42.15 2.72 0.00	41.35 2.60 0.00	43.94 2.95 0.00	47.21 3.02 -0.47	55.96 3.61 0.00	64.02 3.91 0.00	55.80 3.50 0.00	53.06 3.33 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.24 2.74 0.00
RAVENSWOOD_GT2_4 24247	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.07 2.91 0.00	44.23 2.97 0.00	44.16 2.93 0.00	42.37 2.73 0.00	41.37 2.56 0.00	42.15 2.72 0.00	41.35 2.60 0.00	43.94 2.95 0.00	47.21 3.02 -0.47	55.96 3.61 0.00	64.02 3.91 0.00	55.80 3.50 0.00	53.06 3.33 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.24 2.74 0.00
RAVENSWOOD_GT3_1 24248	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.19 2.93 0.00	44.16 2.93 0.00	42.33 2.69 0.00	41.37 2.56 0.00	42.15 2.72 0.00	41.32 2.56 0.00	43.90 2.91 0.00	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.24 2.74 0.00
RAVENSWOOD_GT3_2 24249	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	42.00 1.81 0.00	46.37 2.21 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.19 2.93 0.00	44.16 2.93 0.00	42.33 2.69 0.00	41.37 2.56 0.00	42.15 2.72 0.00	41.32 2.56 0.00	43.90 2.91 0.00	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.24 2.74 0.00
RAVENSWOOD_GT3_3 24250	42.64 2.11 0.00	41.22 2.00 0.00	38.36 1.83 0.00	36.09 1.62 0.00	38.61 1.70 0.00	42.04 1.85 0.00	46.41 2.25 0.00	50.08 2.92 0.00	47.11 2.96 0.00	44.27 3.01 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.19 2.76 0.00	41.39 2.64 0.00	43.98 2.99 0.00	47.25 3.06 -0.47	56.02 3.66 0.00	64.08 3.97 0.00	55.85 3.56 0.00	53.11 3.38 -0.01	48.88 3.07 0.00	45.64 2.91 0.00	44.28 2.78 0.00
RAVENSWOOD_GT3_4 24251	42.64 2.11 0.00	41.22 2.00 0.00	38.36 1.83 0.00	36.09 1.62 0.00	38.61 1.70 0.00	42.04 1.85 0.00	46.41 2.25 0.00	50.08 2.92 0.00	47.11 2.96 0.00	44.27 3.01 0.00	44.20 2.97 0.00	42.41 2.77 0.00	41.41 2.60 0.00	42.19 2.76 0.00	41.39 2.64 0.00	43.98 2.99 0.00	47.25 3.06 -0.47	56.02 3.66 0.00	64.08 3.97 0.00	55.85 3.56 0.00	53.11 3.38 -0.01	48.88 3.07 0.00	45.64 2.91 0.00	44.28 2.78 0.00
RAVENSWOOD_GT_1 23729	45.25 2.31 -2.41	43.91 2.20 -2.49	38.57 2.01 -0.02	36.27 1.79 -0.01	38.81 1.88 -0.01	44.62 2.05 -2.38	48.14 2.38 -1.59	52.02 3.11 -1.75	49.49 3.13 -2.21	47.70 3.18 -3.27	47.27 3.17 -2.86	45.93 2.93 -3.36	45.12 2.76 -3.56	46.57 2.92 -4.23	45.22 2.79 -3.67	48.65 3.16 -4.51	49.85 3.28 -2.86	56.23 3.87 -0.01	64.27 4.15 -0.01	57.24 3.77 -1.18	54.81 3.53 -1.57	51.36 3.30 -2.26	48.49 3.12 -2.64	47.08 2.99 -2.59
RAVENSWOOD_GT_10 24258	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.57 1.66 0.00	42.00 1.81 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.12 2.93 0.07	44.22 2.93 -0.06	42.26 2.69 0.07	41.25 2.52 0.08	42.02 2.72 0.13	41.23 2.56 0.09	43.74 2.91 0.16	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.23 2.74 0.00
RAVENSWOOD_GT_11 24259	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.57 1.66 0.00	42.00 1.81 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.12 2.93 0.07	44.22 2.93 -0.06	42.26 2.69 0.07	41.25 2.52 0.08	42.02 2.72 0.13	41.23 2.56 0.09	43.74 2.91 0.16	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.23 2.74 0.00
RAVENSWOOD_GT_4 24252	44.38 2.03 -1.82	43.03 1.92 -1.89	38.30 1.75 -0.01	36.01 1.55 0.01	38.53 1.62 0.01	43.76 1.77 -1.80	47.54 2.16 -1.21	51.27 2.78 -1.34	48.70 2.87 -1.68	45.64 2.89 -1.49	46.30 2.89 -2.18	43.80 2.66 -1.51	42.85 2.48 -1.56	43.43 2.68 -1.32	42.78 2.52 -1.50	44.87 2.87 -1.00	48.98 2.97 -2.29	55.87 3.51 -0.01	63.97 3.85 -0.01	56.64 3.45 -0.90	54.14 3.23 -1.20	50.50 2.98 -1.72	47.55 2.82 -2.00	46.16 2.70 -1.96
RAVENSWOOD_GT_5 24254	44.38 2.03 -1.82	43.03 1.92 -1.89	38.30 1.75 -0.01	36.01 1.55 0.01	38.53 1.62 0.01	43.76 1.77 -1.80	47.54 2.16 -1.21	51.27 2.78 -1.34	48.70 2.87 -1.68	45.64 2.89 -1.49	46.30 2.89 -2.18	43.80 2.66 -1.51	42.85 2.48 -1.56	43.43 2.68 -1.32	42.78 2.52 -1.50	44.87 2.87 -1.00	48.98 2.97 -2.29	55.87 3.51 -0.01	63.97 3.85 -0.01	56.64 3.45 -0.90	54.14 3.23 -1.20	50.50 2.98 -1.72	47.55 2.82 -2.00	46.16 2.70 -1.96
RAVENSWOOD_GT_6 24253	44.38 2.03 -1.82	43.03 1.92 -1.89	38.30 1.75 -0.01	36.01 1.55 0.01	38.53 1.62 0.01	43.76 1.77 -1.80	47.54 2.16 -1.21	51.27 2.78 -1.34	48.70 2.87 -1.68	45.64 2.89 -1.49	46.30 2.89 -2.18	43.80 2.66 -1.51	42.85 2.48 -1.56	43.43 2.68 -1.32	42.78 2.52 -1.50	44.87 2.87 -1.00	48.98 2.97 -2.29	55.87 3.51 -0.01	63.97 3.85 -0.01	56.64 3.45 -0.90	54.14 3.23 -1.20	50.50 2.98 -1.72	47.55 2.82 -2.00	46.16 2.70 -1.96
RAVENSWOOD_GT_7 24255	44.38 2.03 -1.82	43.03 1.92 -1.89	38.30 1.75 -0.01	36.01 1.55 0.01	38.53 1.62 0.01	43.76 1.77 -1.80	47.54 2.16 -1.21	51.27 2.78 -1.34	48.70 2.87 -1.68	45.64 2.89 -1.49	46.30 2.89 -2.18	43.80 2.66 -1.51	42.85 2.48 -1.56	43.43 2.68 -1.32	42.78 2.52 -1.50	44.87 2.87 -1.00	48.98 2.97 -2.29	55.87 3.51 -0.01	63.97 3.85 -0.01	56.64 3.45 -0.90	54.14 3.23 -1.20	50.50 2.98 -1.72	47.55 2.82 -2.00	46.16 2.70 -1.96
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.57 1.66 0.00	42.00 1.81 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.12 2.93 0.07	44.22 2.93 -0.06	42.26 2.69 0.07	41.25 2.52 0.08	42.02 2.72 0.13	41.23 2.56 0.09	43.74 2.91 0.16	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.23 2.74 0.00

RAVENSWOOD_GT_9 24257	42.60 2.07 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.57 1.66 0.00	42.00 1.81 0.00	46.33 2.16 0.00	49.99 2.83 0.00	47.07 2.91 0.00	44.12 2.93 0.07	44.22 2.93 -0.06	42.26 2.69 0.07	41.25 2.52 0.08	42.02 2.72 0.13	41.23 2.56 0.09	43.74 2.91 0.16	47.21 3.02 -0.47	55.91 3.56 0.00	63.96 3.85 0.00	55.80 3.50 0.00	53.01 3.28 -0.01	48.83 3.02 0.00	45.59 2.86 0.00	44.23 2.74 0.00
RAVENSWOOD___1 23533	42.81 2.27 -0.01	41.38 2.16 -0.01	38.55 2.01 -0.01	36.23 1.76 -0.01	38.77 1.84 -0.01	42.17 1.97 -0.01	46.86 2.69 0.00	50.03 2.88 0.00	46.94 2.78 0.00	44.80 2.89 -0.65	44.65 2.81 -0.62	42.97 2.66 -0.68	42.20 2.64 -0.75	43.31 2.64 -1.24	42.20 2.60 -0.85	45.73 3.16 -1.58	47.42 3.23 -0.46	56.17 3.82 0.00	64.38 4.27 0.00	56.06 3.77 0.00	53.20 3.48 -0.01	49.11 3.30 0.00	45.90 3.16 -0.01	44.37 2.86 -0.01
RAVENSWOOD___2 23534	42.77 2.23 -0.01	41.38 2.16 -0.01	38.52 1.97 -0.01	36.23 1.76 -0.01	38.77 1.84 -0.01	42.17 1.97 -0.01	46.86 2.69 0.00	50.03 2.88 0.00	46.94 2.78 0.00	44.75 2.84 -0.65	44.65 2.81 -0.62	42.93 2.62 -0.68	42.20 2.64 -0.75	43.31 2.64 -1.24	42.20 2.60 -0.84	45.73 3.16 -1.58	47.42 3.23 -0.46	56.17 3.82 0.00	64.38 4.27 0.00	56.06 3.77 0.00	53.20 3.48 -0.01	49.11 3.30 0.00	45.86 3.12 -0.01	44.37 2.86 -0.01
RAVENSWOOD___3 23535	42.56 2.03 0.00	41.18 1.96 0.00	38.33 1.79 0.00	36.05 1.59 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.41 2.25 0.00	49.80 2.64 0.00	46.71 2.56 0.00	43.90 2.64 0.00	43.83 2.60 0.00	42.09 2.46 0.00	41.25 2.45 0.00	41.87 2.45 0.00	41.16 2.40 0.00	43.90 2.91 0.00	47.19 3.01 -0.46	55.91 3.56 0.00	64.08 3.97 0.00	55.80 3.50 0.00	52.95 3.23 -0.01	48.88 3.07 0.00	45.64 2.91 0.00	44.11 2.62 0.00
RAVENSWOOD___4 23820	40.40 2.23 2.36	38.93 2.16 2.44	38.50 1.97 0.01	36.23 1.76 -0.01	38.77 1.84 -0.01	39.83 1.97 2.33	45.24 2.65 1.57	48.26 2.83 1.73	44.72 2.74 2.17	42.17 2.84 1.93	42.44 2.81 1.60	40.29 2.62 1.96	39.43 2.64 2.01	40.37 2.64 1.70	39.41 2.60 1.94	42.85 3.16 1.30	45.08 3.23 1.87	56.16 3.82 0.01	64.37 4.27 0.01	54.84 3.71 1.16	51.62 3.43 1.53	46.89 3.30 2.22	43.26 3.12 2.59	41.78 2.82 2.54
RCPT_TRUST___DRP 24196	42.56 2.03 0.00	41.14 1.92 0.00	38.29 1.75 0.00	36.05 1.59 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.23 2.97 0.00	44.20 2.97 0.00	42.37 2.73 0.00	41.37 2.56 0.00	42.15 2.72 0.00	41.32 2.56 0.00	43.90 2.91 0.00	47.21 3.02 -0.47	55.96 3.61 0.00	64.08 3.97 0.00	55.80 3.50 0.00	53.06 3.33 -0.01	48.83 3.02 0.00	45.55 2.82 0.00	44.19 2.70 0.00
RED___ROCHESTER 323720	39.56 -0.97 0.00	37.92 -1.29 0.00	35.19 -1.35 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.23 -0.96 0.00	43.28 -0.88 0.00	45.84 -1.32 0.00	42.92 -1.24 0.00	40.06 -1.20 0.00	40.12 -1.11 0.00	38.52 -1.11 0.00	37.60 -1.20 0.00	38.40 -1.03 0.00	37.79 -0.97 0.00	39.68 -1.31 0.00	42.27 -1.44 0.00	50.36 -1.99 0.00	57.95 -2.16 0.00	51.04 -1.26 0.00	48.37 -1.34 0.00	44.44 -1.37 0.00	41.36 -1.37 0.00	40.67 -0.83 0.00
REGAN___SOLAR 323812	43.25 2.72 0.00	41.92 2.70 0.00	38.99 2.45 0.00	36.77 2.31 0.00	39.54 2.62 0.00	43.04 2.85 0.00	47.74 3.58 0.00	50.93 3.77 0.00	47.11 2.96 0.00	43.61 2.35 0.00	43.46 2.22 0.00	41.57 1.94 0.00	40.75 1.94 0.00	41.32 1.89 0.00	40.69 1.94 0.00	43.45 2.46 0.00	51.51 3.23 -4.55	56.65 4.29 0.00	65.41 5.29 0.00	56.79 4.50 0.00	54.49 4.67 -0.10	49.93 4.12 0.00	46.32 3.59 0.00	44.74 3.24 0.00
RENSSELAER___COGEN 23796	41.95 1.42 0.00	40.67 1.45 0.00	37.85 1.31 0.00	35.70 1.24 0.00	38.24 1.33 0.00	41.56 1.37 0.00	45.53 1.37 0.00	48.57 1.41 0.00	45.43 1.28 0.00	42.50 1.24 0.00	42.43 1.20 0.00	40.78 1.15 0.00	39.93 1.13 0.00	40.53 1.10 0.00	39.88 1.12 0.00	42.39 1.39 0.00	47.10 1.49 -1.90	54.50 2.15 0.00	62.52 2.41 0.00	54.39 2.09 0.00	51.84 2.09 -0.04	47.69 1.88 0.00	44.53 1.79 0.00	43.16 1.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.68 5.15 0.00	44.36 5.14 0.00	41.10 4.57 0.00	38.77 4.31 0.00	41.75 4.84 0.00	45.50 5.31 0.00	51.05 6.89 0.00	54.28 7.12 0.00	50.38 6.23 0.00	46.79 5.53 0.00	46.84 5.61 0.00	44.63 4.99 0.00	43.73 4.93 0.00	44.24 4.81 0.00	43.60 4.84 0.00	46.49 5.49 0.00	54.44 6.38 -4.34	60.05 7.70 0.00	69.61 9.50 0.00	60.35 8.05 0.00	58.31 8.50 -0.09	53.32 7.51 0.00	49.23 6.50 0.00	47.39 5.89 0.00
REVERE_CPPR_DRP 24186	42.11 1.58 0.00	40.67 1.45 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.68 1.49 0.00	45.97 1.81 0.00	49.23 2.07 0.00	46.14 1.99 0.00	42.87 1.61 0.00	42.92 1.69 0.00	41.30 1.66 0.00	40.40 1.59 0.00	41.09 1.66 0.00	40.35 1.59 0.00	42.59 1.60 0.00	45.55 1.84 0.00	54.60 2.25 0.00	63.30 3.19 0.00	54.96 2.67 0.00	52.25 2.54 0.00	48.10 2.29 0.00	44.74 2.01 0.00	43.33 1.83 0.00
REYNOLDS_115KV_TB3 80639	41.99 1.46 0.00	40.71 1.49 0.00	37.89 1.35 0.00	35.74 1.28 0.00	38.28 1.37 0.00	41.60 1.41 0.00	45.35 1.19 0.00	48.57 1.41 0.00	45.48 1.32 0.00	42.58 1.32 0.00	42.63 1.40 0.00	40.90 1.27 0.00	40.01 1.20 0.00	40.69 1.26 0.00	40.00 1.24 0.00	42.39 1.39 0.00	48.07 1.49 -2.87	54.60 2.25 0.00	62.52 2.40 0.00	54.44 2.14 0.00	51.92 2.14 -0.06	47.73 1.92 0.00	44.57 1.84 0.00	43.32 1.83 0.00
RIVERBAY____ 323610	42.97 2.43 -0.01	41.54 2.31 -0.01	38.70 2.16 -0.01	36.47 2.00 -0.01	39.06 2.14 -0.01	42.37 2.17 -0.01	46.68 2.52 0.00	50.36 3.21 0.00	47.29 3.13 0.00	44.44 3.18 -0.01	44.37 3.13 -0.01	42.53 2.89 -0.01	41.53 2.72 -0.01	42.32 2.88 -0.01	41.48 2.71 -0.01	44.07 3.07 -0.01	47.52 3.32 -0.48	56.33 3.98 0.00	64.32 4.21 0.00	56.21 3.92 0.00	53.40 3.68 -0.01	49.29 3.48 0.00	45.99 3.25 -0.01	44.53 3.03 -0.01
RIVERSDE_115KV_TB3 55908	42.03 1.50 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.77 1.31 0.00	38.32 1.40 0.00	41.68 1.49 0.00	45.49 1.32 0.00	48.71 1.56 0.00	45.61 1.46 0.00	42.70 1.44 0.00	42.72 1.48 0.00	40.98 1.35 0.00	40.09 1.28 0.00	40.77 1.34 0.00	40.08 1.32 0.00	42.47 1.48 0.00	48.06 1.57 -2.77	54.66 2.30 0.00	62.64 2.52 0.00	54.54 2.25 0.00	51.96 2.19 -0.06	47.82 2.02 0.00	44.61 1.88 0.00	43.36 1.87 0.00
ROARING___BROOK_WT_PWR 323790	39.52 -1.01 0.00	38.39 -0.83 0.00	35.84 -0.70 0.00	33.78 -0.69 0.00	36.14 -0.78 0.00	39.34 -0.85 0.00	43.23 -0.93 0.00	46.26 -0.90 0.00	43.36 -0.79 0.00	40.52 -0.74 0.00	40.53 -0.70 0.00	38.92 -0.71 0.00	38.07 -0.74 0.00	38.56 -0.87 0.00	37.83 -0.93 0.00	39.97 -1.02 0.00	42.67 -1.05 0.00	51.04 -1.31 0.00	58.67 -1.44 0.00	50.93 -1.36 0.00	48.37 -1.34 0.00	44.57 -1.23 0.00	41.58 -1.15 0.00	40.33 -1.16 0.00

ROCHESRG_115KV_T4 355643	39.19 -1.34 0.00	37.61 -1.61 0.00	34.89 -1.64 0.00	32.98 -1.48 0.00	35.51 -1.40 0.00	38.78 -1.41 0.00	42.88 -1.28 0.00	45.41 -1.74 0.00	42.43 -1.72 0.00	39.36 -1.90 0.00	39.38 -1.86 0.00	37.89 -1.74 0.00	37.29 -1.51 0.00	37.69 -1.73 0.01	37.13 -1.63 0.00	39.19 -1.80 0.00	41.71 -2.01 0.00	49.67 -2.67 0.01	57.40 -2.71 0.01	50.30 -1.99 0.01	47.42 -2.29 0.01	43.88 -1.92 0.00	40.89 -1.84 0.00	39.84 -1.66 0.00
ROCHESTER_9_IC 23652	39.39 -1.13 0.00	37.77 -1.45 0.00	35.08 -1.46 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	38.98 -1.21 0.00	43.15 -1.02 0.00	45.74 -1.41 0.00	42.74 -1.41 0.00	39.61 -1.65 0.00	39.66 -1.57 0.00	38.13 -1.51 0.00	37.56 -1.24 0.00	37.97 -1.46 0.00	37.40 -1.36 0.00	39.43 -1.56 0.00	42.01 -1.70 0.00	50.05 -2.30 0.00	57.83 -2.28 0.00	50.67 -1.62 0.00	47.73 -1.99 0.00	44.16 -1.65 0.00	41.15 -1.58 0.00	40.09 -1.41 0.00
ROCKVIEW_13_KV_LD 356306	42.56 2.03 0.00	41.14 1.92 0.00	38.29 1.75 0.00	36.02 1.55 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.37 2.21 0.00	49.99 2.83 0.00	47.02 2.87 0.00	44.15 2.89 0.00	44.08 2.84 0.00	42.25 2.62 0.00	41.29 2.48 0.00	42.07 2.64 0.00	41.24 2.48 0.00	43.82 2.83 0.00	47.16 2.97 -0.47	55.86 3.51 0.00	63.96 3.85 0.00	55.74 3.45 0.00	53.01 3.28 -0.01	48.79 2.98 0.00	45.51 2.78 0.00	44.15 2.66 0.00
ROME____115KV_TB2 80656	42.11 1.58 0.00	40.67 1.45 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.21 1.29 0.00	41.68 1.49 0.00	45.97 1.81 0.00	49.23 2.07 0.00	46.14 1.99 0.00	42.87 1.61 0.00	42.92 1.69 0.00	41.30 1.66 0.00	40.40 1.59 0.00	41.09 1.66 0.00	40.35 1.59 0.00	42.59 1.60 0.00	45.55 1.84 0.00	54.60 2.25 0.00	63.30 3.19 0.00	54.96 2.67 0.00	52.25 2.54 0.00	48.10 2.29 0.00	44.74 2.01 0.00	43.33 1.83 0.00
ROSETON___1 23587	41.99 1.46 0.00	40.67 1.45 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.48 1.29 0.00	45.84 1.68 0.00	49.09 1.93 0.00	46.05 1.90 0.00	43.16 1.90 0.00	43.04 1.81 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.16 1.73 0.00	40.46 1.70 0.00	43.12 2.13 0.00	46.42 2.27 -0.44	54.97 2.62 0.00	63.00 2.89 0.00	54.85 2.56 0.00	52.11 2.39 -0.01	48.05 2.24 0.00	44.83 2.09 0.00	43.41 1.91 0.00
ROSETON___2 23588	41.99 1.46 0.00	40.67 1.45 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.48 1.29 0.00	45.84 1.68 0.00	49.09 1.93 0.00	46.05 1.90 0.00	43.16 1.90 0.00	43.04 1.81 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.16 1.73 0.00	40.46 1.70 0.00	43.12 2.13 0.00	46.42 2.27 -0.44	54.97 2.62 0.00	63.00 2.89 0.00	54.85 2.56 0.00	52.11 2.39 -0.01	48.05 2.24 0.00	44.83 2.09 0.00	43.41 1.91 0.00
ROTRRDAM_115KV_TB3 80664	41.70 1.18 0.00	40.39 1.18 0.00	37.63 1.10 0.00	35.46 1.00 0.00	37.98 1.07 0.00	41.36 1.17 0.00	45.44 1.28 0.00	48.62 1.46 0.00	45.48 1.32 0.00	42.45 1.20 0.00	42.43 1.20 0.00	40.70 1.07 0.00	39.81 1.01 0.00	40.49 1.06 0.00	39.80 1.05 0.00	42.22 1.23 0.00	50.08 1.40 -4.96	54.18 1.83 0.00	62.16 2.04 0.00	54.12 1.83 0.00	51.66 1.84 -0.11	47.46 1.65 0.00	44.27 1.54 0.00	42.95 1.45 0.00
RUSSELL___1 23602	39.56 -0.97 0.00	37.92 -1.29 0.00	35.19 -1.35 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.19 -1.00 0.00	43.37 -0.79 0.00	45.98 -1.18 0.00	42.96 -1.19 0.00	39.81 -1.44 0.00	39.87 -1.36 0.00	38.36 -1.27 0.00	37.80 -1.01 0.00	38.21 -1.22 0.00	37.63 -1.12 0.00	39.68 -1.31 0.00	42.27 -1.44 0.00	50.36 -1.99 0.00	58.25 -1.86 0.00	50.99 -1.31 0.00	48.02 -1.69 0.00	44.43 -1.37 0.00	41.36 -1.37 0.00	40.25 -1.24 0.00
RUSSELL___2 23532	39.56 -0.97 0.00	37.92 -1.29 0.00	35.19 -1.35 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.19 -1.00 0.00	43.37 -0.79 0.00	45.98 -1.18 0.00	42.96 -1.19 0.00	39.81 -1.44 0.00	39.87 -1.36 0.00	38.36 -1.27 0.00	37.80 -1.01 0.00	38.21 -1.22 0.00	37.63 -1.12 0.00	39.68 -1.31 0.00	42.27 -1.44 0.00	50.36 -1.99 0.00	58.25 -1.86 0.00	50.99 -1.31 0.00	48.02 -1.69 0.00	44.43 -1.37 0.00	41.36 -1.37 0.00	40.25 -1.24 0.00
RUSSELL___3 23549	39.56 -0.97 0.00	37.92 -1.29 0.00	35.19 -1.35 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.19 -1.00 0.00	43.37 -0.79 0.00	45.98 -1.18 0.00	42.96 -1.19 0.00	39.81 -1.44 0.00	39.87 -1.36 0.00	38.36 -1.27 0.00	37.80 -1.01 0.00	38.21 -1.22 0.00	37.63 -1.12 0.00	39.68 -1.31 0.00	42.27 -1.44 0.00	50.36 -1.99 0.00	58.25 -1.86 0.00	50.99 -1.31 0.00	48.02 -1.69 0.00	44.43 -1.37 0.00	41.36 -1.37 0.00	40.25 -1.24 0.00
RUSSELL___4 23556	39.56 -0.97 0.00	37.92 -1.29 0.00	35.19 -1.35 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.19 -1.00 0.00	43.37 -0.79 0.00	45.98 -1.18 0.00	42.96 -1.19 0.00	39.81 -1.44 0.00	39.87 -1.36 0.00	38.36 -1.27 0.00	37.80 -1.01 0.00	38.21 -1.22 0.00	37.63 -1.12 0.00	39.68 -1.31 0.00	42.27 -1.44 0.00	50.36 -1.99 0.00	58.25 -1.86 0.00	50.99 -1.31 0.00	48.02 -1.69 0.00	44.43 -1.37 0.00	41.36 -1.37 0.00	40.25 -1.24 0.00
RUSSELL___STATION 23914	39.56 -0.97 0.00	37.92 -1.29 0.00	35.19 -1.35 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.19 -1.00 0.00	43.37 -0.79 0.00	45.98 -1.18 0.00	42.96 -1.19 0.00	39.81 -1.44 0.00	39.87 -1.36 0.00	38.36 -1.27 0.00	37.80 -1.01 0.00	38.21 -1.22 0.00	37.63 -1.12 0.00	39.68 -1.31 0.00	42.27 -1.44 0.00	50.36 -1.99 0.00	58.25 -1.86 0.00	50.99 -1.31 0.00	48.02 -1.69 0.00	44.43 -1.37 0.00	41.36 -1.37 0.00	40.25 -1.24 0.00
S SALMON___HYD 24043	40.73 0.20 0.00	39.22 0.00 0.00	36.54 0.00 0.00	34.40 -0.07 0.00	36.84 -0.07 0.00	40.23 0.04 0.00	44.34 0.18 0.00	47.44 0.28 0.00	44.33 0.18 0.00	41.30 0.04 0.00	41.31 0.08 0.00	39.75 0.12 0.00	38.84 0.04 0.00	39.63 0.20 0.00	38.91 0.16 0.00	40.79 -0.20 0.00	43.50 -0.22 0.00	52.20 -0.16 0.00	60.54 0.42 0.00	52.92 0.63 0.00	50.36 0.64 0.00	46.31 0.50 0.00	42.99 0.26 0.00	41.83 0.33 0.00
S.PERRY__115KV_TB1 80734	40.49 -0.04 0.00	38.75 -0.47 0.00	35.95 -0.58 0.00	33.95 -0.52 0.00	36.66 -0.26 0.00	40.19 0.00 0.00	44.60 0.44 0.00	47.11 -0.05 0.00	43.53 -0.62 0.00	39.90 -1.36 0.00	39.71 -1.53 0.00	37.97 -1.66 0.00	37.29 -1.51 0.00	37.91 -1.66 -0.14	37.28 -1.47 0.00	39.43 -1.56 0.00	42.29 -1.53 -0.11	50.76 -1.73 -0.14	58.93 -1.32 -0.14	52.03 -0.47 -0.20	49.26 -0.60 -0.14	45.44 -0.37 0.00	42.18 -0.56 0.00	41.00 -0.50 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.91 -1.62 0.00	37.22 -2.00 0.00	34.53 -2.01 0.00	32.67 -1.79 0.00	35.18 -1.73 0.00	38.50 -1.69 0.00	42.66 -1.50 0.00	44.85 -2.31 0.00	41.86 -2.30 0.00	38.66 -2.60 0.00	38.68 -2.56 0.00	37.21 -2.42 0.00	36.55 -2.25 0.00	36.88 -2.52 0.03	36.35 -2.40 0.00	38.33 -2.66 0.00	40.74 -2.97 0.00	47.98 -4.35 0.03	55.10 -4.99 0.03	48.07 -4.18 0.04	46.26 -3.43 0.03	43.11 -2.70 0.00	40.21 -2.52 0.00	39.50 -1.99 0.00

SAWYER___23_KV_LOAD 55526	38.91 -1.62 0.00	37.22 -2.00 0.00	34.53 -2.01 0.00	32.67 -1.79 0.00	35.18 -1.73 0.00	38.50 -1.69 0.00	42.66 -1.50 0.00	44.85 -2.31 0.00	41.86 -2.30 0.00	38.66 -2.60 0.00	38.68 -2.56 0.00	37.21 -2.42 0.00	36.55 -2.25 0.00	36.88 -2.52 0.03	36.35 -2.40 0.00	38.33 -2.66 0.00	40.74 -2.97 0.00	47.98 -4.35 0.03	55.10 -4.99 0.03	48.07 -4.18 0.04	46.26 -3.43 0.03	43.11 -2.70 0.00	40.21 -2.52 0.00	39.50 -1.99 0.00
SELKIRK___I 23801	41.99 1.46 0.00	40.71 1.49 0.00	37.93 1.39 0.00	35.74 1.28 0.00	38.28 1.37 0.00	41.63 1.44 0.00	45.57 1.41 0.00	48.57 1.41 0.00	45.39 1.23 0.00	42.41 1.15 0.00	42.30 1.07 0.00	40.62 0.99 0.00	39.81 1.01 0.00	40.37 0.94 0.00	39.73 0.97 0.00	42.26 1.27 0.00	46.61 1.40 -1.50	54.39 2.04 0.00	62.40 2.28 0.00	54.33 2.04 0.00	51.79 2.04 -0.03	47.64 1.83 0.00	44.48 1.75 0.00	43.16 1.66 0.00
SELKIRK___II 23799	41.79 1.26 0.00	40.51 1.29 0.00	37.71 1.17 0.00	35.57 1.10 0.00	38.10 1.18 0.00	41.39 1.20 0.00	45.35 1.19 0.00	48.43 1.27 0.00	45.30 1.15 0.00	42.33 1.07 0.00	42.26 1.03 0.00	40.62 0.99 0.00	39.81 1.01 0.00	40.42 0.99 0.00	39.73 0.97 0.00	42.22 1.23 0.00	46.62 1.31 -1.59	54.23 1.88 0.00	62.22 2.10 0.00	54.17 1.88 0.00	51.54 1.79 -0.03	47.45 1.65 0.00	44.31 1.58 0.00	42.99 1.49 0.00
SENECA OSWGO___HYD 24041	40.37 -0.16 0.00	38.86 -0.35 0.00	36.21 -0.33 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.95 -0.24 0.00	44.03 -0.13 0.00	47.06 -0.09 0.00	44.11 -0.04 0.00	41.09 -0.16 0.00	41.07 -0.16 0.00	39.51 -0.12 0.00	38.65 -0.15 0.00	39.43 0.00 0.00	38.76 0.00 0.00	40.66 -0.33 0.00	43.36 -0.35 0.00	51.93 -0.42 0.00	59.99 -0.12 0.00	52.35 0.05 0.00	49.86 0.15 0.00	45.85 0.05 0.00	42.52 -0.21 0.00	41.46 -0.04 0.00
SENECA___115KV_TB3 355854	39.56 -0.97 0.00	37.85 -1.37 0.00	35.11 -1.42 0.00	33.22 -1.24 0.00	35.77 -1.14 0.00	39.15 -1.04 0.00	43.45 -0.71 0.00	45.69 -1.46 0.00	42.65 -1.50 0.00	39.36 -1.90 0.00	39.38 -1.86 0.00	37.89 -1.74 0.00	37.18 -1.63 0.00	37.55 -1.85 0.02	36.97 -1.78 0.00	39.02 -1.97 0.00	41.44 -2.27 0.00	48.72 -3.61 0.02	55.64 -4.45 0.02	48.39 -3.87 0.04	47.01 -2.68 0.02	43.88 -1.92 0.00	40.89 -1.84 0.00	40.17 -1.33 0.00
SENECA___ENERGY 23797	39.96 -0.57 0.00	38.47 -0.75 0.00	35.77 -0.77 0.00	33.74 -0.73 0.00	36.32 -0.59 0.00	39.67 -0.52 0.00	43.76 -0.40 0.00	46.64 -0.52 0.00	43.62 -0.53 0.00	40.60 -0.66 0.00	40.53 -0.70 0.00	38.88 -0.75 0.00	37.95 -0.85 0.00	38.77 -0.67 -0.01	38.10 -0.66 0.00	40.13 -0.86 0.00	42.80 -0.92 0.00	51.26 -1.10 -0.01	58.80 -1.32 -0.01	51.52 -0.78 -0.01	49.13 -0.59 -0.01	45.21 -0.60 0.00	41.96 -0.77 0.00	41.00 -0.50 0.00
SHOEMAKER___GT 23640	41.79 1.26 0.00	40.44 1.22 0.00	37.67 1.13 0.00	35.47 1.00 0.00	37.99 1.07 0.00	41.31 1.12 0.00	45.66 1.50 0.00	48.85 1.70 0.00	45.74 1.59 0.00	42.79 1.53 0.00	42.67 1.44 0.00	41.02 1.39 0.00	40.16 1.36 0.00	40.81 1.38 0.00	40.15 1.39 0.00	42.75 1.76 0.00	46.04 1.92 -0.40	54.60 2.25 0.00	62.64 2.52 0.00	54.54 2.25 0.00	51.81 2.09 -0.01	47.78 1.97 0.00	44.57 1.84 0.00	43.11 1.62 0.00
SHOEMAKR_138KV_BK 111 55601	41.79 1.26 0.00	40.43 1.22 0.00	37.67 1.13 0.00	35.46 1.00 0.00	37.95 1.03 0.00	41.32 1.13 0.00	45.57 1.41 0.00	49.00 1.84 0.00	45.96 1.81 0.00	43.03 1.77 0.00	42.92 1.69 0.00	41.18 1.55 0.00	40.28 1.47 0.00	41.01 1.58 0.00	40.27 1.51 0.00	42.75 1.76 0.00	46.06 1.92 -0.42	54.60 2.25 0.00	62.58 2.46 0.00	54.54 2.25 0.00	51.86 2.14 -0.01	47.78 1.97 0.00	44.53 1.79 0.00	43.20 1.70 0.00
SHOREHAM_IC_1 23715	42.51 1.99 0.00	41.92 2.70 0.00	39.17 2.63 0.00	36.70 2.24 0.00	39.43 2.51 0.00	41.84 1.65 0.00	46.99 2.83 0.00	49.65 2.50 0.00	46.36 2.21 0.00	43.98 2.72 0.00	43.83 2.60 0.00	41.97 2.34 0.00	41.09 2.29 0.00	41.56 2.13 0.00	40.69 1.94 0.00	43.58 2.58 0.00	46.36 2.18 -0.46	55.49 3.14 0.00	64.26 4.14 0.00	55.80 3.50 0.00	55.08 3.48 -1.89	48.74 2.93 0.00	45.30 2.56 0.00	43.69 2.20 0.00
SHOREHAM_IC_2 23716	42.51 1.99 0.00	41.92 2.70 0.00	39.17 2.63 0.00	36.70 2.24 0.00	39.43 2.51 0.00	41.84 1.65 0.00	46.99 2.83 0.00	49.65 2.50 0.00	46.36 2.21 0.00	43.98 2.72 0.00	43.83 2.60 0.00	41.97 2.34 0.00	41.09 2.29 0.00	41.56 2.13 0.00	40.69 1.94 0.00	43.58 2.58 0.00	46.36 2.18 -0.46	55.49 3.14 0.00	64.26 4.14 0.00	55.80 3.50 0.00	55.08 3.48 -1.89	48.74 2.93 0.00	45.30 2.56 0.00	43.69 2.20 0.00
SISSONVILLE____ 23735	44.42 3.89 0.00	42.87 3.65 0.00	40.01 3.47 0.00	37.29 2.83 0.00	38.61 1.70 0.00	41.92 1.73 0.00	45.88 1.72 0.00	49.14 1.98 0.00	45.65 1.50 0.00	42.74 1.49 0.00	43.38 2.14 0.00	42.88 3.25 0.00	41.87 3.07 0.00	42.54 3.11 0.00	41.70 2.95 0.00	42.63 1.64 0.00	45.07 1.36 0.00	53.50 1.15 0.00	62.88 2.77 0.00	54.59 2.30 0.00	51.95 2.24 0.00	48.24 2.43 0.00	45.25 2.52 0.00	44.64 3.11 -0.03
SITHE_IND_GS1 24169	39.31 -1.21 0.00	37.96 -1.26 0.00	35.33 -1.20 0.00	33.33 -1.14 0.00	35.77 -1.14 0.00	38.90 -1.29 0.00	42.75 -1.41 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.90 -1.36 0.00	39.83 -1.40 0.00	38.28 -1.35 0.00	37.45 -1.36 0.00	38.13 -1.30 0.00	37.48 -1.28 0.00	39.39 -1.60 0.00	41.97 -1.75 0.00	50.20 -2.15 0.00	57.65 -2.47 0.00	50.31 -1.99 0.00	47.83 -1.89 0.00	44.02 -1.79 0.00	41.06 -1.67 0.00	40.00 -1.49 0.00
SITHE_IND_GS2 24170	39.31 -1.21 0.00	37.96 -1.26 0.00	35.33 -1.20 0.00	33.33 -1.14 0.00	35.77 -1.14 0.00	38.90 -1.29 0.00	42.75 -1.41 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.90 -1.36 0.00	39.83 -1.40 0.00	38.28 -1.35 0.00	37.45 -1.36 0.00	38.13 -1.30 0.00	37.48 -1.28 0.00	39.39 -1.60 0.00	41.97 -1.75 0.00	50.20 -2.15 0.00	57.65 -2.47 0.00	50.31 -1.99 0.00	47.83 -1.89 0.00	44.02 -1.79 0.00	41.06 -1.67 0.00	40.00 -1.49 0.00
SITHE_IND_GS3 24171	39.31 -1.21 0.00	37.96 -1.26 0.00	35.33 -1.20 0.00	33.33 -1.14 0.00	35.77 -1.14 0.00	38.90 -1.29 0.00	42.75 -1.41 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.90 -1.36 0.00	39.83 -1.40 0.00	38.28 -1.35 0.00	37.45 -1.36 0.00	38.13 -1.30 0.00	37.48 -1.28 0.00	39.39 -1.60 0.00	41.97 -1.75 0.00	50.20 -2.15 0.00	57.65 -2.47 0.00	50.31 -1.99 0.00	47.83 -1.89 0.00	44.02 -1.79 0.00	41.06 -1.67 0.00	40.00 -1.49 0.00
SITHE_IND_GS4 24172	39.31 -1.21 0.00	37.96 -1.26 0.00	35.33 -1.20 0.00	33.33 -1.14 0.00	35.77 -1.14 0.00	38.90 -1.29 0.00	42.75 -1.41 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.90 -1.36 0.00	39.83 -1.40 0.00	38.28 -1.35 0.00	37.45 -1.36 0.00	38.13 -1.30 0.00	37.48 -1.28 0.00	39.39 -1.60 0.00	41.97 -1.75 0.00	50.20 -2.15 0.00	57.65 -2.47 0.00	50.31 -1.99 0.00	47.83 -1.89 0.00	44.02 -1.79 0.00	41.06 -1.67 0.00	40.00 -1.49 0.00

SITHE___BATAVIA 24024	39.84 -0.69 0.00	38.08 -1.14 0.00	35.29 -1.24 0.00	33.40 -1.07 0.00	36.07 -0.85 0.00	39.59 -0.60 0.00	43.81 -0.35 0.00	46.07 -1.08 0.00	43.00 -1.15 0.00	39.98 -1.28 0.00	40.03 -1.20 0.00	38.36 -1.27 0.00	37.33 -1.47 0.00	38.18 -1.22 0.02	37.60 -1.16 0.00	39.48 -1.52 0.00	42.10 -1.62 0.00	49.97 -2.35 0.02	57.39 -2.70 0.02	50.69 -1.57 0.03	48.40 -1.29 0.02	44.53 -1.28 0.00	41.49 -1.24 0.00	41.04 -0.46 0.00
SITHE___INDEPEND 23800	39.31 -1.22 0.00	37.96 -1.25 0.00	35.33 -1.21 0.00	33.33 -1.14 0.00	35.77 -1.14 0.00	38.86 -1.33 0.00	42.75 -1.41 0.00	45.36 -1.79 0.00	42.43 -1.72 0.00	39.65 -1.61 0.00	39.58 -1.65 0.00	38.09 -1.55 0.00	37.37 -1.44 0.00	37.89 -1.54 0.00	37.32 -1.43 0.00	39.39 -1.60 0.00	41.97 -1.75 0.00	50.21 -2.15 0.00	57.71 -2.40 0.00	50.31 -1.99 0.00	47.78 -1.94 0.00	44.02 -1.79 0.00	41.07 -1.67 0.00	39.88 -1.62 0.00
SITHE___MASSENA 23902	40.41 -0.12 0.00	39.10 -0.12 0.00	36.46 -0.07 0.00	34.47 0.00 0.00	36.84 -0.07 0.00	40.19 0.00 0.00	44.16 0.00 0.00	47.11 -0.05 0.00	44.06 -0.09 0.00	41.13 -0.12 0.00	41.19 -0.04 0.00	39.67 0.04 0.00	38.92 0.12 0.00	39.47 0.04 0.00	38.72 -0.04 0.00	40.91 -0.08 0.00	43.63 -0.09 0.00	52.14 -0.21 0.00	59.93 -0.18 0.00	51.87 -0.42 0.00	49.32 -0.40 0.00	45.44 -0.37 0.00	42.43 -0.30 0.00	41.16 -0.33 0.01
SITHE___OGDNSBRG 24021	45.72 5.19 0.00	44.08 4.86 0.00	41.14 4.60 0.00	38.36 3.89 0.00	39.79 2.88 0.00	43.37 3.18 0.00	47.56 3.40 0.00	50.79 3.63 0.00	46.93 2.78 0.00	43.69 2.43 0.00	44.28 3.05 0.00	43.79 4.16 0.00	42.65 3.84 0.00	43.37 3.94 0.00	42.48 3.72 0.00	43.49 2.50 0.00	46.12 2.40 0.00	55.02 2.67 0.00	65.34 5.23 0.00	56.95 4.65 0.00	54.19 4.47 0.00	50.21 4.40 0.00	47.01 4.27 0.00	46.22 4.69 -0.03
SITHE___STERLING 23777	41.62 1.09 0.00	40.20 0.98 0.00	37.45 0.91 0.00	35.29 0.83 0.00	37.84 0.92 0.00	41.28 1.09 0.00	45.48 1.32 0.00	48.62 1.46 0.00	45.61 1.45 0.00	42.41 1.15 0.00	42.43 1.20 0.00	40.78 1.15 0.00	39.89 1.09 0.00	40.61 1.18 0.00	39.88 1.12 0.00	42.14 1.15 0.00	45.03 1.31 0.00	53.98 1.62 0.00	62.34 2.23 0.00	54.23 1.94 0.00	51.56 1.84 0.00	47.45 1.65 0.00	44.14 1.41 0.00	42.87 1.37 0.00
SLEIGHT__34_KV_TB1 80719	39.48 -1.05 0.00	37.92 -1.29 0.00	35.22 -1.32 0.00	33.26 -1.21 0.00	35.81 -1.11 0.00	39.15 -1.04 0.00	43.28 -0.88 0.00	46.02 -1.13 0.00	43.05 -1.10 0.00	39.98 -1.28 0.00	39.95 -1.28 0.00	38.44 -1.19 0.00	37.80 -1.01 0.00	38.33 -1.10 0.00	37.75 -1.01 0.00	39.80 -1.19 0.00	42.45 -1.27 0.00	50.68 -1.68 0.00	58.43 -1.68 0.00	51.09 -1.20 0.00	48.27 -1.44 0.00	44.53 -1.28 0.00	41.41 -1.32 0.00	40.21 -1.29 0.00
SOUTH CAIRO___GT 23612	43.08 2.55 0.00	41.77 2.55 0.00	38.88 2.34 0.00	36.60 2.14 0.00	39.28 2.36 0.00	42.72 2.53 0.00	47.08 2.91 0.00	50.22 3.07 0.00	46.71 2.56 0.00	43.32 2.06 0.00	43.21 1.98 0.00	41.38 1.74 0.00	40.47 1.67 0.00	41.12 1.70 0.00	40.46 1.71 0.00	42.96 1.97 0.00	46.99 1.88 -1.39	55.91 3.56 0.00	64.44 4.33 0.00	56.21 3.92 0.00	53.08 3.33 -0.03	49.20 3.39 0.00	45.81 3.08 0.00	44.40 2.90 0.00
SOUTH HAMPTN___IC 23720	42.68 2.15 0.00	41.96 2.74 0.00	39.20 2.67 0.00	36.74 2.27 0.00	39.46 2.55 0.00	42.00 1.81 0.00	47.21 3.04 0.00	49.99 2.83 0.00	46.76 2.60 0.00	44.27 3.01 0.00	44.04 2.81 0.00	42.21 2.57 0.00	41.29 2.49 0.00	41.76 2.33 0.00	40.85 2.09 0.00	43.74 2.75 0.00	46.57 2.40 -0.46	55.81 3.45 0.00	64.68 4.57 0.00	56.11 3.82 0.00	55.33 3.73 -1.89	48.97 3.16 0.00	45.47 2.74 0.00	43.99 2.49 0.00
SOUTHDOW_115KV_TB1 355954	40.25 -0.28 0.00	38.43 -0.78 0.00	35.62 -0.91 0.00	33.67 -0.79 0.00	36.32 -0.59 0.00	39.87 -0.32 0.00	44.43 0.26 0.00	46.69 -0.47 0.00	43.49 -0.66 0.00	40.10 -1.16 0.00	39.99 -1.24 0.00	38.40 -1.23 0.00	37.56 -1.24 0.00	38.00 -1.42 0.01	37.32 -1.43 0.00	39.39 -1.60 0.00	41.94 -1.88 -0.11	49.20 -3.14 0.01	56.14 -3.97 0.01	48.62 -3.66 0.01	47.72 -1.99 0.01	44.57 -1.24 0.00	41.41 -1.32 0.00	40.79 -0.71 0.00
SOUTHOLD_69_KV_BK 2 55809	42.60 2.07 0.00	41.85 2.63 0.00	39.09 2.56 0.00	36.64 2.17 0.00	39.35 2.44 0.00	41.92 1.73 0.00	46.86 2.69 0.00	50.17 3.02 0.00	47.20 3.05 0.00	44.56 3.30 0.00	44.49 3.26 0.00	42.68 3.05 0.00	41.41 2.60 0.00	42.07 2.64 0.00	40.81 2.05 0.00	43.49 2.50 0.00	46.29 2.10 -0.47	55.60 3.25 0.00	64.44 4.33 0.00	55.95 3.66 0.00	55.18 3.58 -1.89	48.74 2.93 0.00	45.17 2.44 0.00	44.07 2.57 0.00
SOUTHOLD___IC 23719	42.60 2.07 0.00	41.85 2.63 0.00	39.09 2.56 0.00	36.64 2.17 0.00	39.35 2.44 0.00	41.92 1.73 0.00	47.12 2.96 0.00	49.99 2.83 0.00	46.80 2.65 0.00	44.31 3.05 0.00	43.95 2.72 0.00	42.17 2.54 0.00	41.25 2.45 0.00	41.56 2.13 0.00	40.66 1.90 0.00	43.49 2.50 0.00	46.27 2.10 -0.46	55.60 3.25 0.00	64.50 4.39 0.00	55.90 3.61 0.00	55.13 3.53 -1.89	48.74 2.93 0.00	45.21 2.48 0.00	43.99 2.49 0.00
SOUTH_FORK_WT_PWR 323839	42.15 1.62 0.00	41.45 2.23 0.00	38.73 2.19 0.00	36.26 1.79 0.00	38.98 2.07 0.00	41.48 1.29 0.00	46.63 2.47 0.00	49.51 2.36 0.00	46.40 2.25 0.00	43.94 2.68 0.00	43.50 2.27 0.00	41.81 2.18 0.00	40.90 2.09 0.00	41.16 1.73 0.00	40.19 1.43 0.00	43.00 2.01 0.00	45.66 1.49 -0.46	54.81 2.46 0.00	63.66 3.55 0.00	55.17 2.87 0.00	54.38 2.78 -1.89	48.05 2.24 0.00	44.61 1.88 0.00	43.53 2.03 0.00
SPIERFLS_115KV_TB 1 80737	43.89 3.36 0.00	42.63 3.41 0.00	39.57 3.03 0.00	37.36 2.90 0.00	40.13 3.21 0.00	43.69 3.50 0.00	48.71 4.55 0.00	52.01 4.86 0.00	48.43 4.28 0.00	45.14 3.88 0.00	45.07 3.83 0.00	43.04 3.41 0.00	42.07 3.26 0.00	42.62 3.19 0.00	42.01 3.26 0.00	44.68 3.69 0.00	52.36 4.28 -4.36	57.48 5.13 0.00	66.19 6.07 0.00	57.42 5.12 0.00	55.18 5.37 -0.09	50.66 4.86 0.00	46.96 4.23 0.00	45.36 3.86 0.00
ST LAWRENCE____ 23600	40.00 -0.53 0.00	38.75 -0.47 0.00	36.17 -0.37 0.00	34.15 -0.31 0.00	36.55 -0.37 0.00	39.83 -0.36 0.00	43.81 -0.35 0.00	46.73 -0.43 0.00	43.71 -0.44 0.00	40.81 -0.45 0.00	40.86 -0.37 0.00	39.31 -0.32 0.00	38.54 -0.27 0.00	39.11 -0.32 0.00	38.41 -0.35 0.00	40.58 -0.41 0.00	43.28 -0.44 0.00	51.67 -0.68 0.00	59.40 -0.72 0.00	51.45 -0.84 0.00	48.87 -0.85 0.00	45.03 -0.78 0.00	42.01 -0.73 0.00	40.78 -0.71 0.01
STATE_CA_115KV_115_LB 55624	42.39 1.86 0.00	41.10 1.88 0.00	38.25 1.72 0.00	36.09 1.62 0.00	38.65 1.73 0.00	42.04 1.85 0.00	46.02 1.85 0.00	49.28 2.12 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.21 1.98 0.00	41.42 1.78 0.00	40.55 1.75 0.00	41.20 1.77 0.00	40.54 1.78 0.00	43.00 2.01 0.00	49.33 2.19 -3.43	55.28 2.93 0.00	63.42 3.31 0.00	55.12 2.82 0.00	52.62 2.83 -0.07	48.33 2.52 0.00	45.08 2.35 0.00	43.78 2.28 0.00

STATE_ST_34_KV_LOAD 55959	40.29 -0.24 0.00	38.83 -0.39 0.00	36.10 -0.44 0.00	34.05 -0.41 0.00	36.62 -0.30 0.00	39.95 -0.24 0.00	44.03 -0.13 0.00	46.92 -0.24 0.00	43.89 -0.26 0.00	40.80 -0.45 0.00	40.74 -0.49 0.00	39.20 -0.44 0.00	38.42 -0.39 0.00	39.07 -0.35 0.00	38.45 -0.31 0.00	40.62 -0.37 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.63 -0.48 0.00	52.03 -0.26 0.00	49.52 -0.20 0.00	45.62 -0.18 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00
STATION 5_MISC_HYD 23604	39.39 -1.13 0.00	37.77 -1.45 0.00	35.07 -1.46 0.00	33.16 -1.31 0.00	35.70 -1.22 0.00	39.07 -1.13 0.00	43.06 -1.10 0.00	45.60 -1.56 0.00	42.70 -1.46 0.00	39.86 -1.40 0.00	39.91 -1.32 0.00	38.33 -1.31 0.00	37.37 -1.44 0.00	38.21 -1.22 0.00	37.56 -1.20 0.00	39.48 -1.52 0.00	42.01 -1.71 0.00	50.00 -2.35 0.00	57.59 -2.52 0.00	50.67 -1.62 0.00	48.02 -1.69 0.00	44.16 -1.65 0.00	41.15 -1.58 0.00	40.50 -1.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.08 -0.45 0.00	38.55 -0.67 0.00	35.77 -0.77 0.00	33.81 -0.65 0.00	36.40 -0.52 0.00	39.79 -0.40 0.00	44.07 -0.09 0.00	46.87 -0.28 0.00	43.80 -0.35 0.00	40.60 -0.66 0.00	40.57 -0.66 0.00	39.00 -0.63 0.00	38.38 -0.43 0.00	38.88 -0.55 0.00	38.25 -0.50 0.00	40.42 -0.57 0.00	43.10 -0.61 0.00	51.46 -0.89 0.00	59.33 -0.78 0.00	51.87 -0.42 0.00	49.02 -0.70 0.00	45.26 -0.55 0.00	42.09 -0.64 0.00	40.87 -0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.23 -1.30 0.00	37.61 -1.61 0.00	34.93 -1.61 0.00	33.02 -1.45 0.00	35.55 -1.37 0.00	38.82 -1.37 0.00	42.97 -1.19 0.00	45.55 -1.60 0.00	42.56 -1.59 0.00	39.48 -1.77 0.00	39.54 -1.69 0.00	38.01 -1.62 0.00	37.45 -1.36 0.00	37.85 -1.58 0.00	37.28 -1.47 0.00	39.35 -1.64 0.00	41.92 -1.79 0.00	49.94 -2.41 0.00	57.71 -2.40 0.00	50.51 -1.78 0.00	47.58 -2.14 0.00	44.02 -1.79 0.00	40.98 -1.75 0.00	39.88 -1.62 0.00
STA_56__34_KV_BUS2 355983	39.23 -1.30 0.00	37.61 -1.61 0.00	34.93 -1.61 0.00	33.02 -1.45 0.00	35.55 -1.37 0.00	38.82 -1.37 0.00	42.97 -1.19 0.00	45.55 -1.60 0.00	42.56 -1.59 0.00	39.48 -1.77 0.00	39.54 -1.69 0.00	38.01 -1.62 0.00	37.45 -1.36 0.00	37.85 -1.58 0.00	37.28 -1.47 0.00	39.35 -1.64 0.00	41.92 -1.79 0.00	49.94 -2.41 0.00	57.71 -2.40 0.00	50.51 -1.78 0.00	47.58 -2.14 0.00	44.02 -1.79 0.00	40.98 -1.75 0.00	39.88 -1.62 0.00
STA_67__115KV_BK2 355882	39.31 -1.22 0.00	37.73 -1.49 0.00	35.00 -1.53 0.00	33.09 -1.38 0.00	35.62 -1.29 0.00	38.90 -1.29 0.00	43.06 -1.10 0.00	45.60 -1.56 0.00	42.61 -1.55 0.00	39.53 -1.73 0.00	39.54 -1.69 0.00	38.05 -1.59 0.00	37.45 -1.36 0.00	37.85 -1.58 0.00	37.28 -1.47 0.00	39.35 -1.64 0.00	41.88 -1.84 0.00	49.89 -2.46 0.00	57.71 -2.40 0.00	50.51 -1.78 0.00	47.63 -2.09 0.00	44.07 -1.74 0.00	41.07 -1.67 0.00	39.96 -1.54 0.00
STA_7__115KV_9TRANS 80674	39.56 -0.97 0.00	37.92 -1.29 0.00	35.19 -1.35 0.00	33.26 -1.21 0.00	35.84 -1.07 0.00	39.19 -1.00 0.00	43.37 -0.79 0.00	45.98 -1.18 0.00	42.96 -1.19 0.00	39.81 -1.44 0.00	39.87 -1.36 0.00	38.36 -1.27 0.00	37.80 -1.01 0.00	38.21 -1.22 0.00	37.63 -1.12 0.00	39.68 -1.31 0.00	42.27 -1.44 0.00	50.36 -1.99 0.00	58.25 -1.86 0.00	50.99 -1.31 0.00	48.02 -1.69 0.00	44.43 -1.37 0.00	41.36 -1.37 0.00	40.25 -1.24 0.00
STA_82__115KV_TB1 80780	39.31 -1.22 0.00	37.73 -1.49 0.00	35.00 -1.53 0.00	33.09 -1.38 0.00	35.62 -1.29 0.00	38.90 -1.29 0.00	43.06 -1.10 0.00	45.60 -1.56 0.00	42.61 -1.55 0.00	39.53 -1.73 0.00	39.54 -1.69 0.00	38.05 -1.59 0.00	37.45 -1.36 0.00	37.85 -1.58 0.00	37.28 -1.47 0.00	39.35 -1.64 0.00	41.92 -1.79 0.00	49.89 -2.46 0.00	57.71 -2.40 0.00	50.51 -1.78 0.00	47.63 -2.09 0.00	44.07 -1.74 0.00	41.07 -1.67 0.00	39.96 -1.54 0.00
STEEL__WIND 323596	39.48 -1.05 0.00	37.77 -1.45 0.00	35.04 -1.50 0.00	33.16 -1.31 0.00	35.73 -1.18 0.00	39.19 -1.00 0.00	43.28 -0.88 0.00	45.22 -1.94 0.00	42.25 -1.90 0.00	39.49 -1.77 0.00	39.54 -1.69 0.00	37.93 -1.70 0.00	36.75 -2.06 0.00	37.67 -1.73 0.02	37.05 -1.70 0.00	38.94 -2.05 0.00	41.35 -2.36 0.00	48.87 -3.46 0.02	55.40 -4.69 0.02	48.39 -3.87 0.04	47.16 -2.53 0.02	43.79 -2.01 0.00	40.81 -1.92 0.00	40.71 -0.79 0.00
STEPHTWN_115KV_BK_2 55603	42.39 1.86 0.00	41.10 1.88 0.00	38.25 1.72 0.00	36.05 1.59 0.00	38.65 1.73 0.00	42.04 1.85 0.00	46.10 1.94 0.00	49.33 2.17 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.13 1.90 0.00	41.34 1.70 0.00	40.47 1.67 0.00	41.12 1.70 0.00	40.46 1.71 0.00	42.92 1.93 0.00	47.70 2.10 -1.88	55.23 2.88 0.00	63.42 3.31 0.00	55.12 2.82 0.00	52.59 2.83 -0.04	48.33 2.52 0.00	45.08 2.35 0.00	43.74 2.24 0.00
STEUBEN_REC_LFGE 323667	40.08 -0.45 0.00	38.36 -0.86 0.00	35.55 -0.99 0.00	33.50 -0.97 0.00	36.14 -0.78 0.00	39.67 -0.52 0.00	44.07 -0.09 0.00	46.64 -0.52 0.00	43.22 -0.93 0.00	39.65 -1.61 0.00	39.46 -1.77 0.00	37.77 -1.86 0.00	36.94 -1.86 0.00	37.51 -2.01 -0.09	36.78 -1.98 0.00	38.82 -2.17 0.00	41.62 -2.23 -0.13	49.51 -2.93 -0.09	56.84 -3.37 -0.09	49.66 -2.77 -0.14	47.77 -2.04 -0.09	44.16 -1.65 0.00	40.94 -1.79 0.00	39.92 -1.58 0.00
STILLWATER__SOLAR 323814	42.92 2.39 0.00	41.61 2.39 0.00	38.69 2.16 0.00	36.50 2.03 0.00	39.13 2.21 0.00	42.60 2.41 0.00	47.17 3.00 0.00	50.27 3.11 0.00	46.94 2.78 0.00	43.78 2.52 0.00	43.71 2.47 0.00	41.93 2.30 0.00	41.06 2.25 0.00	41.60 2.17 0.00	40.97 2.21 0.00	43.66 2.66 0.00	51.22 3.10 -4.40	56.01 3.66 0.00	64.38 4.27 0.00	55.90 3.61 0.00	53.54 3.73 -0.09	49.15 3.34 0.00	45.77 3.03 0.00	44.28 2.78 0.00
STONY__BROOK 24151	42.96 2.43 0.00	41.96 2.74 0.00	39.17 2.63 0.00	36.70 2.24 0.00	39.43 2.51 0.00	42.24 2.05 0.00	47.34 3.18 0.00	50.46 3.30 0.00	47.11 2.96 0.00	44.44 3.18 0.00	44.28 3.05 0.00	42.41 2.77 0.00	41.52 2.72 0.00	42.03 2.60 0.00	41.12 2.36 0.00	44.03 3.03 0.00	47.15 2.97 -0.46	56.33 3.98 0.00	65.22 5.11 0.00	56.58 4.29 0.00	55.88 4.28 -1.89	49.52 3.71 0.00	46.02 3.29 0.00	44.36 2.86 0.00
STURGEON_POOL_HYD 23609	42.11 1.58 0.00	40.75 1.53 0.00	37.96 1.42 0.00	35.71 1.24 0.00	38.21 1.29 0.00	41.56 1.37 0.00	45.84 1.68 0.00	49.28 2.12 0.00	46.27 2.12 0.00	43.28 2.02 0.00	43.21 1.98 0.00	41.46 1.82 0.00	40.51 1.71 0.00	41.28 1.85 0.00	40.54 1.78 0.00	43.04 2.05 0.00	46.36 2.01 -0.63	55.07 2.72 0.00	63.06 2.95 0.00	54.96 2.67 0.00	52.02 2.29 -0.01	48.10 2.29 0.00	44.91 2.18 0.00	43.57 2.07 0.00
ST_LAW_115_BK7_LBMP 345037	40.00 -0.53 0.00	38.75 -0.47 0.00	36.17 -0.37 0.00	34.15 -0.31 0.00	36.55 -0.37 0.00	39.83 -0.36 0.00	43.76 -0.40 0.00	46.73 -0.43 0.00	43.71 -0.44 0.00	40.81 -0.45 0.00	40.86 -0.37 0.00	39.31 -0.32 0.00	38.54 -0.27 0.00	39.11 -0.32 0.00	38.41 -0.35 0.00	40.58 -0.41 0.00	43.28 -0.44 0.00	51.67 -0.68 0.00	59.40 -0.72 0.00	51.45 -0.84 0.00	48.87 -0.85 0.00	45.03 -0.78 0.00	42.05 -0.69 0.00	40.78 -0.71 0.01

ST_LAW_115_BK8_LBMP 345038	40.00 -0.53 0.00	38.75 -0.47 0.00	36.17 -0.37 0.00	34.15 -0.31 0.00	36.55 -0.37 0.00	39.83 -0.36 0.00	43.76 -0.40 0.00	46.73 -0.43 0.00	43.71 -0.44 0.00	40.81 -0.45 0.00	40.86 -0.37 0.00	39.31 -0.32 0.00	38.54 -0.27 0.00	39.11 -0.32 0.00	38.41 -0.35 0.00	40.58 -0.41 0.00	43.28 -0.44 0.00	51.67 -0.68 0.00	59.40 -0.72 0.00	51.45 -0.84 0.00	48.87 -0.85 0.00	45.03 -0.78 0.00	42.05 -0.69 0.00	40.78 -0.71 0.01
ST_LAW_230_BK5_LBMP 345035	40.00 -0.53 0.00	38.75 -0.47 0.00	36.17 -0.37 0.00	34.15 -0.31 0.00	36.55 -0.37 0.00	39.83 -0.36 0.00	43.81 -0.35 0.00	46.73 -0.43 0.00	43.71 -0.44 0.00	40.81 -0.45 0.00	40.86 -0.37 0.00	39.31 -0.32 0.00	38.54 -0.27 0.00	39.11 -0.32 0.00	38.41 -0.35 0.00	40.58 -0.41 0.00	43.28 -0.44 0.00	51.67 -0.68 0.00	59.40 -0.72 0.00	51.45 -0.84 0.00	48.87 -0.85 0.00	45.03 -0.78 0.00	42.01 -0.73 0.00	40.78 -0.71 0.01
ST_LAW_230_BK6_LBMP 345036	40.00 -0.53 0.00	38.75 -0.47 0.00	36.17 -0.37 0.00	34.15 -0.31 0.00	36.55 -0.37 0.00	39.83 -0.36 0.00	43.81 -0.35 0.00	46.73 -0.43 0.00	43.71 -0.44 0.00	40.81 -0.45 0.00	40.86 -0.37 0.00	39.31 -0.32 0.00	38.54 -0.27 0.00	39.11 -0.32 0.00	38.41 -0.35 0.00	40.58 -0.41 0.00	43.28 -0.44 0.00	51.67 -0.68 0.00	59.40 -0.72 0.00	51.45 -0.84 0.00	48.87 -0.85 0.00	45.03 -0.78 0.00	42.01 -0.73 0.00	40.78 -0.71 0.01
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.91 1.38 0.00	40.51 1.29 0.00	37.74 1.21 0.00	35.53 1.07 0.00	38.02 1.11 0.00	41.40 1.21 0.00	45.71 1.55 0.00	49.18 2.03 0.00	46.18 2.03 0.00	43.24 1.98 0.00	43.17 1.94 0.00	41.42 1.78 0.00	40.47 1.67 0.00	41.24 1.81 0.00	40.46 1.71 0.00	42.96 1.97 0.00	46.29 2.14 -0.43	54.86 2.51 0.00	62.82 2.71 0.00	54.75 2.46 0.00	52.06 2.34 -0.01	47.96 2.15 0.00	44.70 1.97 0.00	43.36 1.87 0.00
SWANROAD_115KV_TB1 355699	38.06 -2.47 0.00	36.36 -2.86 0.00	33.72 -2.81 0.00	31.91 -2.55 0.00	34.37 -2.55 0.00	37.58 -2.61 0.00	41.60 -2.56 0.00	43.71 -3.44 0.00	40.75 -3.40 0.00	37.67 -3.59 0.00	37.69 -3.55 0.00	36.22 -3.41 0.00	35.62 -3.18 0.00	35.89 -3.51 0.03	35.42 -3.33 0.00	37.34 -3.65 0.00	39.65 -4.07 0.00	46.77 -5.55 0.03	53.83 -6.25 0.03	47.12 -5.12 0.05	45.06 -4.62 0.03	41.96 -3.85 0.00	39.23 -3.50 0.00	38.51 -2.99 0.00
SYNERGY___BIOGAS 323694	39.84 -0.69 0.00	38.08 -1.14 0.00	35.29 -1.24 0.00	33.40 -1.07 0.00	36.07 -0.85 0.00	39.59 -0.60 0.00	43.81 -0.35 0.00	46.07 -1.08 0.00	43.00 -1.15 0.00	39.98 -1.28 0.00	40.03 -1.20 0.00	38.36 -1.27 0.00	37.33 -1.47 0.00	38.18 -1.22 0.02	37.60 -1.16 0.00	39.48 -1.52 0.00	42.10 -1.62 0.00	49.97 -2.35 0.02	57.39 -2.70 0.02	50.69 -1.57 0.03	48.40 -1.29 0.02	44.53 -1.28 0.00	41.49 -1.24 0.00	41.04 -0.46 0.00
SYRACUSE___ENERGY_ST1 323597	40.33 -0.20 0.00	38.87 -0.35 0.00	36.17 -0.37 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	43.94 -0.22 0.00	46.83 -0.33 0.00	43.80 -0.35 0.00	40.85 -0.41 0.00	40.78 -0.45 0.00	39.24 -0.40 0.00	38.50 -0.31 0.00	39.11 -0.32 0.00	38.52 -0.23 0.00	40.66 -0.33 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.69 -0.42 0.00	52.03 -0.26 0.00	49.47 -0.25 0.00	45.58 -0.23 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	40.33 -0.20 0.00	38.87 -0.35 0.00	36.17 -0.37 0.00	34.09 -0.38 0.00	36.62 -0.30 0.00	39.91 -0.28 0.00	43.94 -0.22 0.00	46.83 -0.33 0.00	43.80 -0.35 0.00	40.85 -0.41 0.00	40.78 -0.45 0.00	39.24 -0.40 0.00	38.50 -0.31 0.00	39.11 -0.32 0.00	38.52 -0.23 0.00	40.66 -0.33 0.00	43.32 -0.39 0.00	51.83 -0.52 0.00	59.69 -0.42 0.00	52.03 -0.26 0.00	49.47 -0.25 0.00	45.58 -0.23 0.00	42.35 -0.38 0.00	41.12 -0.37 0.00
SYRACUSE___POWER 24017	40.12 -0.41 0.00	38.71 -0.51 0.00	36.03 -0.51 0.00	33.95 -0.52 0.00	36.47 -0.44 0.00	39.71 -0.48 0.00	43.76 -0.40 0.00	46.59 -0.57 0.00	43.58 -0.57 0.00	40.64 -0.62 0.00	40.57 -0.66 0.00	39.04 -0.59 0.00	38.30 -0.50 0.00	38.92 -0.51 0.00	38.29 -0.47 0.00	40.46 -0.53 0.00	43.10 -0.61 0.00	51.57 -0.79 0.00	59.33 -0.78 0.00	51.72 -0.58 0.00	49.17 -0.55 0.00	45.35 -0.46 0.00	42.18 -0.56 0.00	40.92 -0.58 0.00
TALLMAN___138KV_BK151 55660	42.03 1.50 0.00	40.67 1.45 0.00	37.85 1.32 0.00	35.64 1.17 0.00	38.13 1.22 0.00	41.52 1.33 0.00	45.84 1.68 0.00	49.37 2.22 0.00	46.40 2.25 0.00	43.49 2.23 0.00	43.42 2.19 0.00	41.65 2.02 0.00	40.71 1.90 0.00	41.48 2.05 0.00	40.70 1.94 0.00	43.21 2.21 0.00	46.52 2.36 -0.44	55.13 2.77 0.00	63.12 3.01 0.00	55.01 2.72 0.00	52.31 2.59 -0.01	48.19 2.38 0.00	44.91 2.18 0.00	43.57 2.07 0.00
TEALLAVE_115KV_TB7 355573	40.00 -0.53 0.00	38.55 -0.67 0.00	35.92 -0.62 0.00	33.84 -0.62 0.00	36.36 -0.55 0.00	39.59 -0.60 0.00	43.59 -0.57 0.00	46.40 -0.75 0.00	43.40 -0.75 0.00	40.52 -0.74 0.00	40.45 -0.78 0.00	38.92 -0.71 0.00	38.18 -0.62 0.00	38.80 -0.63 0.00	38.18 -0.58 0.00	40.34 -0.66 0.00	42.93 -0.79 0.00	51.36 -0.99 0.00	59.09 -1.02 0.00	51.51 -0.78 0.00	48.97 -0.75 0.00	45.12 -0.69 0.00	42.01 -0.73 0.00	40.75 -0.75 0.00
TELGRAPH_34_KV_EAST 80808	38.95 -1.58 0.00	37.26 -1.96 0.00	34.56 -1.97 0.00	32.71 -1.76 0.00	35.25 -1.66 0.00	38.58 -1.61 0.00	42.79 -1.37 0.00	45.08 -2.07 0.00	42.03 -2.12 0.00	38.74 -2.52 0.00	38.76 -2.47 0.00	37.29 -2.34 0.00	36.67 -2.13 0.00	37.00 -2.41 0.03	36.47 -2.29 0.00	38.45 -2.54 0.00	40.92 -2.80 0.00	48.40 -3.93 0.03	55.82 -4.27 0.03	48.85 -3.40 0.04	46.50 -3.18 0.03	43.29 -2.52 0.00	40.38 -2.35 0.00	39.50 -1.99 0.00
TEMPLE___115KV_TB 2 55572	40.00 -0.53 0.00	38.59 -0.63 0.00	35.92 -0.62 0.00	33.84 -0.62 0.00	36.36 -0.55 0.00	39.59 -0.60 0.00	43.59 -0.57 0.00	46.40 -0.75 0.00	43.45 -0.71 0.00	40.52 -0.74 0.00	40.45 -0.78 0.00	38.92 -0.71 0.00	38.18 -0.62 0.00	38.80 -0.63 0.00	38.21 -0.54 0.00	40.34 -0.66 0.00	42.97 -0.74 0.00	51.41 -0.94 0.00	59.09 -1.02 0.00	51.51 -0.78 0.00	48.97 -0.75 0.00	45.12 -0.69 0.00	42.01 -0.73 0.00	40.75 -0.75 0.00
TIANA____69_KV_BK 1 55817	42.76 2.23 0.00	42.00 2.78 0.00	39.24 2.70 0.00	36.77 2.31 0.00	39.50 2.58 0.00	42.08 1.89 0.00	46.99 2.83 0.00	50.22 3.07 0.00	47.15 3.00 0.00	44.56 3.30 0.00	44.65 3.42 0.00	42.72 3.09 0.00	41.44 2.64 0.00	42.27 2.84 0.00	41.08 2.33 0.00	43.78 2.79 0.00	46.68 2.49 -0.47	55.91 3.56 0.00	64.68 4.57 0.00	56.21 3.92 0.00	55.53 3.93 -1.89	49.06 3.25 0.00	45.51 2.78 0.00	44.15 2.66 0.00
TILDEN___115KV_TB1 80814	40.12 -0.41 0.00	38.71 -0.51 0.00	36.03 -0.51 0.00	33.95 -0.52 0.00	36.47 -0.44 0.00	39.71 -0.48 0.00	43.76 -0.40 0.00	46.59 -0.57 0.00	43.58 -0.57 0.00	40.64 -0.62 0.00	40.57 -0.66 0.00	39.04 -0.59 0.00	38.30 -0.50 0.00	38.92 -0.51 0.00	38.29 -0.47 0.00	40.46 -0.53 0.00	43.10 -0.61 0.00	51.57 -0.79 0.00	59.33 -0.78 0.00	51.72 -0.58 0.00	49.17 -0.55 0.00	45.35 -0.46 0.00	42.18 -0.56 0.00	40.92 -0.58 0.00

TRIGEN___CC 323695	42.72 2.19 0.00	41.41 2.20 0.00	38.58 2.05 0.00	36.22 1.76 0.00	38.83 1.92 0.00	42.08 1.89 0.00	46.68 2.52 0.00	50.32 3.16 0.00	47.29 3.13 0.00	44.39 3.14 0.00	44.37 3.13 0.00	42.49 2.85 0.00	41.44 2.64 0.00	42.23 2.80 0.00	41.20 2.44 0.00	43.82 2.83 0.00	47.16 2.97 -0.47	56.07 3.72 0.00	64.38 4.27 0.00	56.11 3.82 0.00	55.38 3.78 -1.89	49.15 3.34 0.00	45.72 2.99 0.00	44.32 2.82 0.00
TRINITY___115KV___4 BK 55933	42.03 1.50 0.00	40.75 1.53 0.00	37.93 1.39 0.00	35.77 1.31 0.00	38.28 1.37 0.00	41.64 1.45 0.00	45.53 1.37 0.00	48.71 1.56 0.00	45.65 1.50 0.00	42.70 1.44 0.00	42.72 1.48 0.00	40.98 1.35 0.00	40.09 1.28 0.00	40.77 1.34 0.00	40.08 1.32 0.00	42.47 1.48 0.00	47.57 1.57 -2.28	54.66 2.30 0.00	62.64 2.52 0.00	54.49 2.20 0.00	51.95 2.19 -0.05	47.78 1.97 0.00	44.61 1.88 0.00	43.36 1.87 0.00
UNION___PROCESSING_DRP 323587	39.31 -1.22 0.00	37.73 -1.49 0.00	35.00 -1.53 0.00	33.09 -1.38 0.00	35.62 -1.29 0.00	38.94 -1.25 0.00	43.06 -1.10 0.00	45.65 -1.51 0.00	42.61 -1.55 0.00	39.53 -1.73 0.00	39.54 -1.69 0.00	38.05 -1.59 0.00	37.45 -1.36 0.00	37.85 -1.58 0.00	37.28 -1.47 0.00	39.35 -1.64 0.00	41.92 -1.79 0.00	49.94 -2.41 0.00	57.71 -2.40 0.00	50.57 -1.73 0.00	47.63 -2.09 0.00	44.07 -1.74 0.00	41.07 -1.67 0.00	40.00 -1.49 0.00
UPPER HUDSON___HYD 24058	43.93 3.40 0.00	42.63 3.41 0.00	39.57 3.03 0.00	37.36 2.90 0.00	40.12 3.21 0.00	43.69 3.49 0.00	48.71 4.55 0.00	51.87 4.72 0.00	48.30 4.15 0.00	44.93 3.67 0.00	44.82 3.59 0.00	42.88 3.25 0.00	41.99 3.18 0.00	42.42 3.00 0.00	41.82 3.06 0.00	44.64 3.65 0.00	52.42 4.29 -4.41	57.49 5.13 0.00	66.18 6.07 0.00	57.42 5.13 0.00	55.13 5.32 -0.09	50.66 4.85 0.00	47.00 4.27 0.00	45.36 3.86 0.00
UPPER RAQUET___HYD 24056	44.42 3.89 0.00	42.87 3.65 0.00	40.01 3.47 0.00	37.29 2.83 0.00	38.61 1.70 0.00	41.92 1.73 0.00	45.88 1.72 0.00	49.14 1.98 0.00	45.65 1.50 0.00	42.74 1.48 0.00	43.37 2.14 0.00	42.88 3.25 0.00	41.87 3.06 0.00	42.58 3.16 0.00	41.63 2.87 0.00	42.63 1.64 0.00	45.07 1.36 0.00	53.50 1.15 0.00	62.88 2.77 0.00	54.59 2.30 0.00	51.95 2.24 0.00	48.23 2.43 0.00	45.25 2.52 0.00	44.72 3.20 -0.03
VALLEY44_115KV_TB2 355964	40.08 -0.45 0.00	38.39 -0.82 0.00	35.66 -0.88 0.00	33.74 -0.72 0.00	36.32 -0.59 0.00	39.75 -0.44 0.00	44.21 0.04 0.00	46.50 -0.66 0.00	43.36 -0.79 0.00	40.02 -1.24 0.00	39.91 -1.32 0.00	38.36 -1.27 0.00	37.53 -1.28 0.00	38.01 -1.42 0.00	37.40 -1.36 0.00	39.48 -1.52 0.00	42.12 -1.70 -0.11	49.32 -3.04 0.00	55.55 -4.57 0.00	47.80 -4.50 0.00	47.68 -2.04 0.00	44.53 -1.28 0.00	41.41 -1.32 0.00	40.79 -0.71 0.00
VALLEY___115KV_TB 1-4 80826	40.45 -0.08 0.00	39.34 0.12 0.00	36.76 0.22 0.00	34.78 0.31 0.00	37.28 0.37 0.00	40.59 0.40 0.00	44.51 0.35 0.00	47.58 0.42 0.00	44.59 0.44 0.00	41.71 0.45 0.00	41.73 0.49 0.00	40.11 0.48 0.00	39.12 0.31 0.00	39.71 0.28 0.00	38.87 0.12 0.00	41.07 0.08 0.00	43.72 0.00 0.00	52.30 -0.05 0.00	60.11 0.00 0.00	52.24 -0.05 0.00	49.62 -0.10 0.00	45.67 -0.14 0.00	42.60 -0.13 0.00	41.33 -0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.43 1.90 0.00	41.06 1.84 0.00	38.25 1.72 0.00	36.05 1.59 0.00	38.65 1.73 0.00	42.16 1.97 0.00	46.50 2.34 0.00	49.84 2.69 0.00	46.85 2.69 0.00	43.65 2.39 0.00	43.58 2.35 0.00	41.93 2.30 0.00	40.94 2.13 0.00	41.68 2.25 0.00	40.93 2.17 0.00	43.45 2.46 0.00	47.06 2.71 -0.63	55.55 3.19 0.00	63.96 3.85 0.00	55.48 3.19 0.00	52.76 3.03 -0.01	48.60 2.79 0.00	45.25 2.52 0.00	43.86 2.37 0.00
VISCHER___FERRY HYD 24020	42.23 1.70 0.00	40.90 1.69 0.00	38.07 1.53 0.00	35.91 1.45 0.00	38.46 1.55 0.00	41.84 1.65 0.00	46.19 2.03 0.00	49.33 2.17 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.09 1.86 0.00	41.34 1.70 0.00	40.51 1.71 0.00	41.05 1.62 0.00	40.46 1.70 0.00	43.04 2.05 0.00	49.97 2.36 -3.89	54.97 2.62 0.00	63.00 2.89 0.00	54.85 2.56 0.00	52.33 2.53 -0.08	48.10 2.29 0.00	44.91 2.18 0.00	43.53 2.03 0.00
V_A_10_SYNC_DSASP 323832	38.54 -1.99 0.00	36.87 -2.35 0.00	34.24 -2.30 0.00	32.36 -2.10 0.00	34.85 -2.07 0.00	38.14 -2.05 0.00	42.00 -2.16 0.00	44.14 -3.02 0.00	41.28 -2.87 0.00	38.66 -2.60 0.00	38.68 -2.56 0.00	37.14 -2.50 0.00	36.05 -2.75 0.00	36.88 -2.52 0.02	36.35 -2.40 0.00	38.12 -2.87 0.00	40.53 -3.19 0.00	48.04 -4.29 0.02	55.34 -4.75 0.02	48.76 -3.50 0.03	46.31 -3.38 0.02	42.78 -3.02 0.00	39.91 -2.82 0.00	39.63 -1.87 0.00
V_CMM_10_SYNC_DSASP 323787	40.25 -0.28 0.00	38.98 -0.23 0.00	36.36 -0.18 0.00	34.33 -0.14 0.00	36.69 -0.22 0.00	40.03 -0.16 0.00	44.03 -0.13 0.00	46.97 -0.19 0.00	43.89 -0.26 0.00	41.01 -0.25 0.00	41.07 -0.16 0.00	39.55 -0.08 0.00	38.77 -0.04 0.00	39.31 -0.12 0.00	38.60 -0.15 0.00	40.79 -0.20 0.00	43.50 -0.22 0.00	51.93 -0.42 0.00	59.70 -0.42 0.00	51.72 -0.57 0.00	49.17 -0.55 0.00	45.26 -0.55 0.00	42.26 -0.47 0.00	41.03 -0.46 0.01
V_CMP_10_SYNC_DSASP 323788	39.35 -1.18 0.00	38.28 -0.94 0.00	35.92 -0.62 0.00	34.23 -0.24 0.00	36.77 -0.15 0.00	40.27 0.08 0.00	44.29 0.13 0.00	47.06 -0.09 0.00	43.80 -0.35 0.00	40.89 -0.37 0.00	41.07 -0.16 0.00	39.71 0.08 0.00	39.00 0.20 0.00	39.55 0.12 0.00	38.68 -0.08 0.00	40.71 -0.28 0.00	43.32 -0.39 0.00	51.41 -0.94 0.00	58.85 -1.27 0.00	50.36 -1.93 0.00	47.58 -2.14 0.00	43.61 -2.20 0.00	40.64 -2.09 0.00	39.28 -2.20 0.01
V_D_10_SYNC_DSASP 323841	40.41 -0.12 0.00	39.10 -0.12 0.00	36.46 -0.07 0.00	34.47 0.00 0.00	36.84 -0.07 0.00	40.19 0.00 0.00	44.16 0.00 0.00	47.11 -0.05 0.00	44.06 -0.09 0.00	41.13 -0.12 0.00	41.19 -0.04 0.00	39.67 0.04 0.00	38.92 0.12 0.00	39.47 0.04 0.00	38.72 -0.04 0.00	40.91 -0.08 0.00	43.63 -0.09 0.00	52.14 -0.21 0.00	59.93 -0.18 0.00	51.87 -0.42 0.00	49.32 -0.40 0.00	45.44 -0.37 0.00	42.43 -0.30 0.00	41.16 -0.33 0.01
V_E_10_SYNC_DSASP 323830	43.37 2.84 0.00	41.89 2.67 0.00	39.13 2.59 0.00	36.88 2.41 0.00	39.57 2.66 0.00	43.41 3.22 0.00	48.22 4.06 0.00	51.49 4.34 0.00	48.13 3.98 0.00	44.48 3.22 0.00	44.33 3.09 0.00	42.56 2.93 0.00	41.29 2.49 0.00	42.08 2.64 -0.01	41.28 2.52 0.00	43.78 2.79 0.00	47.20 3.19 -0.30	56.29 3.93 -0.01	65.29 5.17 -0.01	56.64 4.34 -0.01	53.85 4.12 -0.01	49.43 3.62 0.00	45.77 3.03 0.00	44.49 2.99 0.00
V_F_30_NSYNC___DSASP 323816	42.96 2.43 0.00	41.65 2.43 0.00	38.73 2.19 0.00	36.53 2.07 0.00	39.20 2.29 0.00	42.64 2.45 0.00	47.21 3.04 0.00	50.36 3.21 0.00	46.98 2.83 0.00	43.82 2.56 0.00	43.79 2.56 0.00	41.97 2.34 0.00	41.13 2.33 0.00	41.68 2.25 0.00	41.04 2.29 0.00	43.70 2.70 0.00	51.38 3.19 -4.47	56.12 3.77 0.00	64.45 4.33 0.00	56.01 3.71 0.00	53.59 3.78 -0.10	49.20 3.39 0.00	45.81 3.08 0.00	44.32 2.82 0.00



V_F_30_SYNC_DSASP 323786	42.39 1.86 0.00	41.10 1.88 0.00	38.25 1.72 0.00	36.09 1.62 0.00	38.65 1.73 0.00	42.04 1.85 0.00	46.06 1.90 0.00	49.28 2.12 0.00	46.14 1.99 0.00	43.12 1.86 0.00	43.21 1.98 0.00	41.42 1.78 0.00	40.55 1.75 0.00	41.20 1.77 0.00	40.54 1.78 0.00	43.00 2.01 0.00	49.31 2.19 -3.41	55.28 2.93 0.00	63.42 3.31 0.00	55.17 2.88 0.00	52.62 2.83 -0.07	48.33 2.52 0.00	45.08 2.35 0.00	43.78 2.28 0.00
V_XM_10_SYNC_DSASP 323789	39.35 -1.18 0.00	38.28 -0.94 0.00	35.92 -0.62 0.00	34.23 -0.24 0.00	36.77 -0.15 0.00	40.27 0.08 0.00	44.29 0.13 0.00	47.06 -0.09 0.00	43.80 -0.35 0.00	40.89 -0.37 0.00	41.07 -0.16 0.00	39.71 0.08 0.00	39.00 0.12 0.00	39.55 0.12 0.00	38.68 -0.08 0.00	40.71 -0.28 0.00	43.32 -0.39 0.00	51.41 -0.94 0.00	58.85 -1.27 0.00	50.36 -1.93 0.00	47.58 -2.14 0.00	43.61 -2.20 0.00	40.64 -2.09 0.00	39.28 -2.20 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.19 1.66 0.00	40.79 1.57 0.00	38.00 1.46 0.00	35.74 1.28 0.00	38.28 1.37 0.00	41.64 1.45 0.00	46.06 1.90 0.00	49.61 2.45 0.00	46.62 2.47 0.00	43.69 2.43 0.00	43.62 2.39 0.00	41.85 2.22 0.00	40.86 2.06 0.00	41.68 2.25 0.00	40.89 2.13 0.00	43.41 2.42 0.00	46.79 2.62 -0.45	55.44 3.09 0.00	63.48 3.37 0.00	55.33 3.03 0.00	52.56 2.83 -0.01	48.42 2.61 0.00	45.12 2.39 0.00	43.74 2.24 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.56 2.03 0.00	41.14 1.92 0.00	38.29 1.75 0.00	36.05 1.59 0.00	38.58 1.66 0.00	41.96 1.77 0.00	46.37 2.21 0.00	50.03 2.88 0.00	47.11 2.96 0.00	44.23 2.97 0.00	44.20 2.97 0.00	42.37 2.73 0.00	41.37 2.56 0.00	42.15 2.72 0.00	41.32 2.56 0.00	43.90 2.91 0.00	47.21 3.02 -0.47	55.96 3.61 0.00	64.08 3.97 0.00	55.80 3.50 0.00	53.06 3.33 -0.01	48.83 3.02 0.00	45.55 2.82 0.00	44.19 2.70 0.00
W50THST__13_KV_LOAD 356117	42.68 2.15 0.00	41.26 2.04 0.00	38.44 1.90 0.00	36.19 1.72 0.00	38.72 1.81 0.00	42.08 1.89 0.00	46.50 2.34 0.00	50.22 3.07 0.00	47.29 3.13 0.00	44.39 3.14 0.00	44.37 3.13 0.00	42.56 2.93 0.00	41.56 2.76 0.00	42.35 2.92 0.00	41.51 2.75 0.00	44.11 3.12 0.00	47.42 3.23 -0.47	56.28 3.93 0.00	64.38 4.27 0.00	56.06 3.77 0.00	53.25 3.53 -0.01	49.01 3.21 0.00	45.72 2.99 0.00	44.36 2.86 0.00
WADING RIVER_IC_1 23522	43.13 2.60 0.00	42.16 2.94 0.00	39.35 2.81 0.00	36.88 2.41 0.00	39.61 2.69 0.00	42.40 2.21 0.00	47.52 3.35 0.00	50.60 3.44 0.00	47.24 3.09 0.00	44.60 3.34 0.00	44.41 3.18 0.00	42.56 2.93 0.00	41.68 2.87 0.00	42.19 2.76 0.00	41.28 2.52 0.00	44.23 3.24 0.00	47.36 3.19 -0.46	56.65 4.29 0.00	65.53 5.41 0.00	56.90 4.60 0.00	56.12 4.52 -1.89	49.75 3.94 0.00	46.15 3.42 0.00	44.52 3.03 0.00
WADING RIVER_IC_2 23547	43.13 2.60 0.00	42.16 2.94 0.00	39.35 2.81 0.00	36.88 2.41 0.00	39.61 2.69 0.00	42.40 2.21 0.00	47.52 3.35 0.00	50.60 3.44 0.00	47.24 3.09 0.00	44.60 3.34 0.00	44.41 3.18 0.00	42.56 2.93 0.00	41.68 2.87 0.00	42.19 2.76 0.00	41.28 2.52 0.00	44.23 3.24 0.00	47.36 3.19 -0.46	56.65 4.29 0.00	65.53 5.41 0.00	56.90 4.60 0.00	56.12 4.52 -1.89	49.75 3.94 0.00	46.15 3.42 0.00	44.52 3.03 0.00
WADING RIVER_IC_3 23601	43.13 2.60 0.00	42.16 2.94 0.00	39.35 2.81 0.00	36.88 2.41 0.00	39.61 2.69 0.00	42.40 2.21 0.00	47.52 3.35 0.00	50.60 3.44 0.00	47.24 3.09 0.00	44.60 3.34 0.00	44.41 3.18 0.00	42.56 2.93 0.00	41.68 2.87 0.00	42.19 2.76 0.00	41.28 2.52 0.00	44.23 3.24 0.00	47.36 3.19 -0.46	56.65 4.29 0.00	65.53 5.41 0.00	56.90 4.60 0.00	56.12 4.52 -1.89	49.75 3.94 0.00	46.15 3.42 0.00	44.52 3.03 0.00
WALDENNY_12_KV_BK2 80841	39.44 -1.09 0.00	37.73 -1.49 0.00	35.00 -1.53 0.00	33.12 -1.34 0.00	35.66 -1.26 0.00	39.06 -1.13 0.00	43.37 -0.79 0.00	45.60 -1.56 0.00	42.56 -1.59 0.00	39.28 -1.98 0.00	39.29 -1.94 0.00	37.81 -1.82 0.00	37.10 -1.71 0.00	37.47 -1.93 0.02	36.94 -1.82 0.00	38.94 -2.05 0.00	41.36 -2.36 0.00	48.61 -3.72 0.02	55.64 -4.45 0.02	48.39 -3.87 0.04	46.91 -2.78 0.02	43.75 -2.06 0.00	40.77 -1.97 0.00	40.09 -1.41 0.00
WALDEN__HYDRO 24148	42.11 1.58 0.00	40.75 1.53 0.00	37.96 1.42 0.00	35.71 1.24 0.00	38.24 1.33 0.00	41.60 1.41 0.00	45.97 1.81 0.00	49.42 2.26 0.00	46.40 2.25 0.00	43.40 2.15 0.00	43.33 2.10 0.00	41.57 1.94 0.00	40.63 1.82 0.00	41.40 1.97 0.00	40.66 1.90 0.00	43.16 2.17 0.00	46.53 2.36 -0.46	55.18 2.83 0.00	63.24 3.13 0.00	55.12 2.82 0.00	52.36 2.63 -0.01	48.24 2.43 0.00	44.95 2.22 0.00	43.61 2.12 0.00
WARRENSBURG____ 23737	43.89 3.36 0.00	42.63 3.41 0.00	39.57 3.03 0.00	37.36 2.90 0.00	40.13 3.21 0.00	43.69 3.50 0.00	48.71 4.55 0.00	52.01 4.86 0.00	48.43 4.28 0.00	45.14 3.88 0.00	45.07 3.83 0.00	43.04 3.41 0.00	42.07 3.26 0.00	42.62 3.19 0.00	42.01 3.26 0.00	44.68 3.69 0.00	52.36 4.28 -4.36	57.48 5.13 0.00	66.19 6.07 0.00	57.42 5.12 0.00	55.18 5.37 -0.09	50.66 4.86 0.00	46.96 4.23 0.00	45.36 3.86 0.00
WATERSIDE____6 8 9 23538	40.44 2.27 2.36	38.93 2.16 2.44	38.50 1.97 0.01	36.23 1.76 -0.01	38.77 1.85 -0.01	39.87 2.01 2.33	44.93 2.34 1.57	48.49 3.07 1.73	45.07 3.09 2.17	42.47 3.14 1.93	42.77 3.13 1.60	40.57 2.89 1.96	39.51 2.72 2.01	40.65 2.92 1.70	39.57 2.75 1.94	42.81 3.12 1.30	45.09 3.23 1.86	56.17 3.82 0.01	64.19 4.09 0.01	54.84 3.71 1.16	51.72 3.53 1.53	46.84 3.25 2.22	43.22 3.08 2.59	41.91 2.95 2.54
WATKINRD_115KV_LN8_ILLION 55919	40.65 0.12 0.00	39.41 0.20 0.00	36.79 0.26 0.00	34.78 0.31 0.00	37.25 0.33 0.00	40.55 0.36 0.00	44.51 0.35 0.00	47.58 0.42 0.00	44.59 0.44 0.00	41.67 0.41 0.00	41.69 0.45 0.00	40.07 0.44 0.00	39.12 0.31 0.00	39.74 0.32 0.00	38.95 0.19 0.00	41.20 0.20 0.00	43.93 0.22 0.00	52.56 0.21 0.00	60.41 0.30 0.00	52.55 0.26 0.00	49.91 0.20 0.00	45.95 0.14 0.00	42.86 0.13 0.00	41.58 0.08 0.00
WATSON____69_KV_BK 1 55734	43.53 3.00 0.00	42.32 3.10 0.00	39.46 2.92 0.00	36.98 2.52 0.00	39.76 2.84 0.00	42.84 2.65 0.00	47.83 3.67 0.00	51.45 4.29 0.00	48.21 4.06 0.00	45.22 3.96 0.00	45.23 4.00 0.00	43.28 3.65 0.00	42.07 3.26 0.00	42.90 3.47 0.00	41.78 3.02 0.00	44.52 3.53 0.00	47.86 3.67 -0.47	57.22 4.87 0.00	66.13 6.01 0.00	57.47 5.18 0.00	56.77 5.17 -1.89	50.25 4.44 0.00	46.62 3.89 0.00	45.15 3.65 0.00
WDELAWARE__HYD 323627	42.31 1.78 0.00	40.94 1.72 0.00	38.14 1.61 0.00	35.88 1.41 0.00	38.43 1.51 0.00	41.80 1.61 0.00	46.32 2.16 0.00	49.56 2.40 0.00	46.36 2.21 0.00	43.24 1.98 0.00	43.09 1.86 0.00	41.37 1.74 0.00	40.55 1.75 0.00	41.24 1.81 0.00	40.54 1.78 0.00	43.20 2.21 0.00	46.75 2.58 -0.46	55.55 3.19 0.00	63.78 3.67 0.00	55.48 3.19 0.00	52.56 2.83 -0.01	48.51 2.70 0.00	45.17 2.43 0.00	43.69 2.20 0.00

WEST BABYLON___IC 23714	43.33 2.80 0.00	42.12 2.90 0.00	39.24 2.70 0.00	36.81 2.34 0.00	39.54 2.62 0.00	42.64 2.45 0.00	47.56 3.40 0.00	51.16 4.01 0.00	47.99 3.84 0.00	45.05 3.80 0.00	45.02 3.79 0.00	43.08 3.45 0.00	41.95 3.14 0.00	42.74 3.31 0.00	41.66 2.91 0.00	44.39 3.40 0.00	47.69 3.50 -0.47	56.91 4.55 0.00	65.71 5.59 0.00	57.16 4.86 0.00	56.47 4.87 -1.89	50.02 4.21 0.00	46.45 3.72 0.00	44.94 3.44 0.00
WEST CANADA___HYD 24049	40.85 0.32 0.00	39.57 0.35 0.00	36.87 0.33 0.00	34.74 0.27 0.00	37.21 0.29 0.00	40.47 0.28 0.00	44.47 0.31 0.00	47.53 0.38 0.00	44.55 0.40 0.00	41.59 0.33 0.00	41.60 0.37 0.00	39.99 0.36 0.00	39.11 0.31 0.00	39.74 0.31 0.00	39.07 0.31 0.00	41.36 0.37 0.00	44.11 0.39 0.00	52.88 0.52 0.00	60.72 0.60 0.00	52.82 0.52 0.00	50.21 0.50 0.00	46.27 0.46 0.00	43.16 0.43 0.00	41.87 0.37 0.00
WESTERN_NY_WIND 24143	39.80 -0.73 0.00	38.04 -1.18 0.00	35.26 -1.28 0.00	33.36 -1.10 0.00	36.03 -0.89 0.00	39.47 -0.72 0.00	43.90 -0.26 0.00	46.31 -0.85 0.00	43.14 -1.02 0.00	39.65 -1.61 0.00	39.66 -1.57 0.00	38.13 -1.51 0.00	37.56 -1.24 0.00	37.91 -1.50 0.02	37.36 -1.40 0.00	39.39 -1.60 0.00	42.01 -1.70 0.00	49.81 -2.51 0.02	57.69 -2.40 0.02	50.58 -1.67 0.04	47.90 -1.79 0.02	44.48 -1.33 0.00	41.41 -1.32 0.00	40.42 -1.08 0.00
WESTOVER___LESR 323668	40.61 0.08 0.00	39.14 -0.08 0.00	36.43 -0.11 0.00	34.36 -0.10 0.00	36.91 0.00 0.00	40.27 0.08 0.00	44.43 0.26 0.00	47.30 0.14 0.00	44.24 0.09 0.00	41.18 -0.08 0.00	41.11 -0.12 0.00	39.47 -0.16 0.00	38.65 -0.16 0.00	39.27 -0.16 0.00	38.64 -0.12 0.00	40.87 -0.12 0.00	43.78 -0.13 -0.20	52.04 -0.31 0.00	59.69 -0.42 0.00	51.93 -0.37 0.00	49.72 0.00 0.00	45.90 0.09 0.00	42.69 -0.04 0.00	41.58 0.08 0.00
WETHRSFD_WT_PWR 323626	38.71 -1.82 0.00	37.02 -2.20 0.00	34.38 -2.16 0.00	32.47 -2.00 0.00	34.96 -1.96 0.00	38.34 -1.85 0.00	42.35 -1.81 0.00	44.42 -2.74 0.00	41.11 -3.05 0.00	38.12 -3.14 0.00	37.97 -3.26 0.00	36.34 -3.29 0.00	35.27 -3.53 0.00	35.85 -3.35 0.22	35.50 -3.26 0.00	37.38 -3.61 0.00	40.03 -3.80 -0.12	47.26 -4.87 0.22	54.06 -5.83 0.22	47.20 -4.76 0.34	45.51 -3.98 0.22	42.32 -3.48 0.00	39.48 -3.25 0.00	39.13 -2.36 0.00
WHAVSTOR_138KV_BK127 55557	42.07 1.54 0.00	40.67 1.45 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.52 1.33 0.00	45.84 1.68 0.00	49.37 2.22 0.00	46.40 2.25 0.00	43.53 2.27 0.00	43.46 2.23 0.00	41.65 2.02 0.00	40.71 1.90 0.00	41.48 2.05 0.00	40.70 1.94 0.00	43.25 2.25 0.00	46.53 2.36 -0.45	55.13 2.77 0.00	63.12 3.01 0.00	55.01 2.72 0.00	52.31 2.59 -0.01	48.19 2.38 0.00	44.91 2.18 0.00	43.57 2.07 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.07 1.54 0.00	40.67 1.45 0.00	37.89 1.35 0.00	35.67 1.21 0.00	38.17 1.26 0.00	41.52 1.33 0.00	45.84 1.68 0.00	49.37 2.22 0.00	46.40 2.25 0.00	43.53 2.27 0.00	43.46 2.23 0.00	41.65 2.02 0.00	40.71 1.90 0.00	41.48 2.05 0.00	40.70 1.94 0.00	43.25 2.25 0.00	46.53 2.36 -0.45	55.13 2.77 0.00	63.12 3.01 0.00	55.01 2.72 0.00	52.31 2.59 -0.01	48.19 2.38 0.00	44.91 2.18 0.00	43.57 2.07 0.00
WHITEHAL_115KV_TB1 80871	44.62 4.09 0.00	43.30 4.08 0.00	40.19 3.65 0.00	37.91 3.45 0.00	40.79 3.88 0.00	44.45 4.26 0.00	49.64 5.48 0.00	53.00 5.85 0.00	49.27 5.12 0.00	45.80 4.54 0.00	45.77 4.54 0.00	43.67 4.04 0.00	42.76 3.96 0.00	43.29 3.86 0.00	42.67 3.91 0.00	45.42 4.43 0.00	53.22 5.16 -4.34	58.58 6.23 0.00	67.63 7.51 0.00	58.62 6.33 0.00	56.47 6.66 -0.09	51.76 5.96 0.00	47.90 5.17 0.00	46.19 4.69 0.00
WHITEPLN_13_KV_LOAD 356215	42.80 2.27 0.00	41.38 2.16 0.00	38.51 1.97 0.00	36.22 1.76 0.00	38.80 1.88 0.00	42.20 2.01 0.00	46.68 2.52 0.00	50.36 3.21 0.00	47.38 3.22 0.00	44.44 3.18 0.00	44.28 3.05 0.00	42.49 2.85 0.00	41.52 2.72 0.00	42.31 2.88 0.00	41.51 2.75 0.00	44.11 3.12 0.00	47.51 3.32 -0.47	56.28 3.93 0.00	64.44 4.33 0.00	56.16 3.87 0.00	53.35 3.63 -0.01	49.15 3.34 0.00	45.77 3.03 0.00	44.40 2.90 0.00
WM_FLOYD_69_KV_BK2 356380	42.80 2.27 0.00	41.96 2.75 0.00	39.20 2.67 0.00	36.74 2.27 0.00	39.46 2.55 0.00	42.08 1.89 0.00	46.99 2.83 0.00	50.27 3.11 0.00	47.15 3.00 0.00	44.48 3.22 0.00	44.61 3.38 0.00	42.68 3.05 0.00	41.41 2.60 0.00	42.27 2.84 0.00	41.08 2.33 0.00	43.82 2.83 0.00	46.81 2.62 -0.47	55.96 3.61 0.00	64.74 4.63 0.00	56.32 4.03 0.00	55.63 4.03 -1.89	49.20 3.39 0.00	45.64 2.91 0.00	44.19 2.70 0.00
WOODARD___115KV_TB2 355635	40.00 -0.53 0.00	38.59 -0.63 0.00	35.92 -0.62 0.00	33.84 -0.62 0.00	36.36 -0.55 0.00	39.59 -0.60 0.00	43.59 -0.57 0.00	46.40 -0.75 0.00	43.40 -0.75 0.00	40.52 -0.74 0.00	40.45 -0.78 0.00	38.92 -0.71 0.00	38.18 -0.62 0.00	38.80 -0.63 0.00	38.18 -0.58 0.00	40.30 -0.70 0.00	42.93 -0.79 0.00	51.36 -0.99 0.00	59.15 -0.96 0.00	51.51 -0.78 0.00	48.97 -0.75 0.00	45.12 -0.69 0.00	42.01 -0.73 0.00	40.75 -0.75 0.00
YORK___WARBASSE 23770	59.49 2.59 -16.37	58.64 2.47 -16.95	38.91 2.27 -0.11	36.51 2.03 -0.01	39.06 2.14 -0.01	58.68 2.33 -16.16	57.75 2.74 -10.85	62.55 3.44 -11.95	62.65 3.44 -15.05	62.60 3.47 -17.87	61.21 3.46 -16.52	61.07 3.13 -18.30	60.94 2.95 -19.19	62.99 3.15 -20.41	61.07 2.98 -19.33	64.40 3.40 -20.00	63.98 3.58 -16.68	72.91 4.19 -16.37	262.30 4.51 -197.68	65.13 4.13 -8.71	65.11 3.88 -11.51	64.81 3.62 -15.39	64.11 3.42 -17.96	62.40 3.28 -17.62