

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										03/30/2025		
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	37.06	35.24	33.97	34.07	34.34	34.93	36.40	38.17	38.64	42.84	45.24	44.70	43.71	41.93	41.77	43.49	46.66	51.66	55.06	59.28	54.61	45.10	40.81	35.07				
		1.29	1.26	1.12	1.15	1.10	1.08	1.33	1.82	1.80	2.19	2.32	2.37	2.32	2.34	2.40	2.46	2.72	3.20	3.60	4.13	3.90	2.54	2.46	1.97				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	-4.60	0.00	-0.29				
74TH STREET_GT_1	24260	37.17	35.41	34.06	34.20	34.44	35.03	36.48	38.28	38.79	42.97	45.41	44.87	43.83	42.05	41.89	43.62	46.84	51.75	55.11	59.61	54.66	45.25	40.96	35.10				
		1.40	1.43	1.22	1.28	1.20	1.18	1.40	1.93	1.95	2.32	2.49	2.54	2.44	2.46	2.52	2.58	2.90	3.30	3.65	4.45	3.95	2.69	2.61	2.00				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	-4.60	0.00	-0.29				
74TH STREET_GT_2	24261	37.17	35.41	34.06	34.20	34.44	35.03	36.48	38.28	38.79	42.97	45.41	44.87	43.83	42.05	41.89	43.62	46.84	51.75	55.11	59.61	54.66	45.25	40.96	35.10				
		1.40	1.43	1.22	1.28	1.20	1.18	1.40	1.93	1.95	2.32	2.49	2.54	2.44	2.46	2.52	2.58	2.90	3.30	3.65	4.45	3.95	2.69	2.61	2.00				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	-4.60	0.00	-0.29				
ADK HUDSON___FALLS	24011	37.56	35.65	34.49	34.56	34.94	35.57	36.93	38.54	38.94	43.05	45.45	44.83	43.75	42.01	41.77	43.49	46.62	51.46	55.01	58.89	54.05	46.07	40.81	35.08				
		1.79	1.67	1.64	1.65	1.70	1.73	1.86	2.18	2.10	2.40	2.53	2.50	2.36	2.42	2.40	2.46	2.68	3.00	3.55	3.68	3.35	2.35	2.45	1.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	-5.76	0.00	-0.36				
ADK RESOURCE___RCVRY	23798	37.63	35.68	34.56	34.63	35.01	35.74	37.04	38.65	39.05	43.17	45.54	44.96	43.87	42.09	41.89	43.58	46.79	51.61	55.16	59.16	54.20	46.19	40.89	35.08				
		1.86	1.70	1.71	1.71	1.76	1.89	1.96	2.29	2.21	2.52	2.62	2.63	2.48	2.50	2.52	2.54	2.85	3.15	3.71	3.96	3.50	2.47	2.53	1.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	-5.76	0.00	-0.36				
ADK S GLENS___FALLS	24028	37.56	35.65	34.49	34.56	34.94	35.57	36.93	38.54	38.94	43.05	45.45	44.83	43.75	42.01	41.77	43.49	46.62	51.46	55.01	58.89	54.05	46.07	40.81	35.08				
		1.79	1.67	1.64	1.65	1.70	1.73	1.86	2.18	2.10	2.40	2.53	2.50	2.36	2.42	2.40	2.46	2.68	3.00	3.55	3.68	3.35	2.35	2.45	1.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	-5.76	0.00	-0.36				
ADK_NYS___DAM	23527	37.38	35.55	34.33	34.43	34.74	35.33	36.72	38.24	38.64	42.68	45.02	44.45	43.58	41.85	41.69	43.45	46.48	51.37	54.54	58.44	53.85	45.98	40.85	35.13				
		1.61	1.56	1.48	1.51	1.50	1.49	1.65	1.89	1.80	2.03	2.10	2.12	2.19	2.26	2.32	2.42	2.55	2.91	3.09	3.24	3.14	2.47	2.49	1.97				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-5.56	0.00	-0.35				
AIR_PRODUCTS___DRP	24190	35.88	34.12	32.98	33.08	33.38	34.02	35.35	36.83	37.17	41.14	44.47	43.90	42.92	41.18	40.98	42.71	45.74	50.49	53.72	57.62	52.99	45.18	40.08	34.51				
		0.11	0.14	0.13	0.16	0.13	0.17	0.28	0.47	0.33	0.49	1.55	1.57	1.53	1.58	1.61	1.68	1.80	2.04	2.26	2.42	2.28	1.63	1.73	1.35				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-5.59	0.00	-0.35				
AKWESSNE_115KV_BK	355683	35.88	34.12	32.98	33.05	33.31	33.88	34.97	36.25	36.95	40.77	42.96	42.38	41.43	39.76	39.45	41.03	43.94	48.31	51.05	54.60	50.25	37.58	37.90	32.52				
		0.11	0.14	0.13	0.13	0.07	0.03	-0.11	-0.11	0.11	0.12	0.04	0.04	0.04	0.16	0.08	0.00	0.00	-0.15	-0.41	-0.38	-0.46	-0.38	-0.46	-0.30				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR	323833	36.67	34.83	33.70	33.80	34.11	34.79	36.05	37.48	37.83	41.79	44.59	43.98	43.00	41.22	41.02	42.75	45.87	50.64	53.93	57.89	53.19	45.16	40.27	34.53				
		0.89	0.85	0.85	0.89	0.86	0.95	0.98	1.13	0.99	1.14	1.67	1.65	1.61	1.62	1.65	1.72	1.93	2.18	2.47	2.69	2.48	1.71	1.92	1.38				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-5.49	0.00	-0.34				
ALBANY_2_SOLAR	323834	36.63	34.80	33.70	33.77	34.11	34.79	36.05	37.48	37.83	41.79	44.55	43.98	42.96	41.22	41.02	42.75	45.82	50.64	53.93	57.89	53.19	45.16	40.27	34.53				
		0.86	0.81	0.85	0.85	0.86	0.95	0.98	1.13	0.99	1.14	1.63	1.65	1.57	1.62	1.65	1.72	1.89	2.18	2.47	2.69	2.48	1.71	1.92	1.38				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-5.49	0.00	-0.34				
ALBANY___1	23571	35.88	34.12	32.98	33.08	33.38	34.02	35.35	36.83	37.17	41.14	44.47	43.90	42.92	41.18	40.98	42.71	45.74	50.49	53.72	57.62	52.99	45.18	40.08	34.51				
		0.11	0.14	0.13	0.16	0.13	0.17	0.28	0.47	0.33	0.49	1.55	1.57	1.53	1.58	1.61	1.68	1.80	2.04	2.26	2.42	2.28	1.63	1.73	1.35				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	-5.59	0.00	-0.35				

ALBANY___2 23572	35.88 0.11 0.00	34.12 0.14 0.00	32.98 0.13 0.00	33.08 0.16 0.00	33.38 0.13 0.00	34.02 0.17 0.00	35.35 0.28 0.00	36.83 0.47 0.00	37.17 0.33 0.00	41.14 0.49 0.00	44.47 1.55 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.18 1.58 0.00	40.98 1.61 0.00	42.71 1.68 0.00	45.74 1.80 0.00	50.49 2.04 0.00	53.72 2.26 0.00	57.62 2.42 -0.21	52.99 2.28 0.00	45.18 1.63 -5.59	40.08 1.73 0.00	34.51 1.35 -0.35
ALBANY___3 23573	35.88 0.11 0.00	34.12 0.14 0.00	32.98 0.13 0.00	33.08 0.16 0.00	33.38 0.13 0.00	34.02 0.17 0.00	35.35 0.28 0.00	36.83 0.47 0.00	37.17 0.33 0.00	41.14 0.49 0.00	44.47 1.55 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.18 1.58 0.00	40.98 1.61 0.00	42.71 1.68 0.00	45.74 1.80 0.00	50.49 2.04 0.00	53.72 2.26 0.00	57.62 2.42 -0.21	52.99 2.28 0.00	45.18 1.63 -5.59	40.08 1.73 0.00	34.51 1.35 -0.35
ALBANY___4 23574	35.88 0.11 0.00	34.12 0.14 0.00	32.98 0.13 0.00	33.08 0.16 0.00	33.38 0.13 0.00	34.02 0.17 0.00	35.35 0.28 0.00	36.83 0.47 0.00	37.17 0.33 0.00	41.14 0.49 0.00	44.47 1.55 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.18 1.58 0.00	40.98 1.61 0.00	42.71 1.68 0.00	45.74 1.80 0.00	50.49 2.04 0.00	53.72 2.26 0.00	57.62 2.42 -0.21	52.99 2.28 0.00	45.18 1.63 -5.59	40.08 1.73 0.00	34.51 1.35 -0.35
ALBANY___LFGE 323615	36.20 0.43 0.00	34.39 0.41 0.00	33.27 0.43 0.00	33.38 0.46 0.00	33.71 0.47 0.00	34.36 0.51 0.00	35.67 0.60 0.00	37.15 0.80 0.00	37.50 0.66 0.00	41.50 0.85 0.00	44.68 1.76 0.00	44.11 1.78 0.00	43.17 1.78 0.00	41.42 1.82 0.00	41.22 1.85 0.00	42.92 1.89 0.00	46.00 2.07 0.00	50.74 2.28 0.00	53.98 2.52 0.00	57.89 2.69 -0.21	53.24 2.53 0.00	45.41 1.82 -5.64	40.27 1.92 0.00	34.64 1.48 -0.35
ALCOA_PA_115KV_PL-6C 55860	35.91 0.14 0.00	34.19 0.20 0.00	33.05 0.20 0.00	33.11 0.20 0.00	33.38 0.13 0.00	33.95 0.10 0.00	35.00 -0.07 0.00	36.28 -0.07 0.00	36.98 0.15 0.00	40.77 0.12 0.00	42.96 0.04 0.00	42.38 0.04 0.00	41.43 0.04 0.00	39.76 0.16 0.00	39.45 0.08 0.00	41.03 0.00 0.00	43.94 0.00 0.00	48.31 -0.15 0.00	51.05 -0.41 0.00	54.65 -0.33 0.00	50.25 -0.46 0.00	37.61 -0.34 0.00	37.90 -0.46 0.00	32.52 -0.30 0.00
ALCOA_RYNLDS___DRP 24188	35.91 0.14 0.00	34.19 0.20 0.00	33.05 0.20 0.00	33.11 0.20 0.00	33.38 0.13 0.00	33.95 0.10 0.00	35.00 -0.07 0.00	36.28 -0.07 0.00	36.98 0.15 0.00	40.77 0.12 0.00	42.96 0.04 0.00	42.38 0.04 0.00	41.43 0.04 0.00	39.76 0.16 0.00	39.45 0.08 0.00	41.03 0.00 0.00	43.94 0.00 0.00	48.31 -0.15 0.00	51.05 -0.41 0.00	54.65 -0.33 0.00	50.25 -0.46 0.00	37.61 -0.34 0.00	37.90 -0.46 0.00	32.52 -0.30 0.00
ALCOA___DSASP 323711	35.91 0.14 0.00	34.19 0.21 0.00	33.05 0.20 0.00	33.11 0.20 0.00	33.38 0.13 0.00	33.95 0.10 0.00	35.00 -0.07 0.00	36.28 -0.07 0.00	36.98 0.15 0.00	40.77 0.12 0.00	42.96 0.04 0.00	42.38 0.04 0.00	41.43 0.04 0.00	39.76 0.16 0.00	39.45 0.08 0.00	41.03 0.00 0.00	43.94 0.00 0.00	48.31 -0.14 0.00	51.04 -0.41 0.00	54.66 -0.33 0.00	50.25 -0.46 0.00	37.61 -0.34 0.00	37.90 -0.46 0.00	32.52 -0.30 0.00
ALLEGHENY___COGEN 23514	36.67 0.89 0.00	34.59 0.61 0.00	33.34 0.49 0.00	33.08 0.17 0.00	33.81 0.56 0.00	34.49 0.64 0.00	35.81 0.74 0.00	36.57 0.22 0.00	36.84 0.00 0.00	40.12 -0.53 0.00	41.54 -1.38 0.00	40.52 -1.82 0.00	39.28 -2.11 0.00	37.38 -2.22 0.00	37.17 -2.20 0.00	38.94 -2.09 0.00	41.70 -2.24 0.00	46.28 -2.18 0.00	49.91 -1.54 0.00	53.75 -1.26 -0.03	49.94 -0.76 0.00	37.92 -0.84 -0.80	37.32 -1.03 0.00	31.78 -1.08 -0.05
ALTAMONT_115KV_TB 2 55880	36.34 0.57 0.00	34.56 0.58 0.00	33.41 0.56 0.00	33.51 0.59 0.00	33.84 0.60 0.00	34.46 0.61 0.00	35.74 0.67 0.00	37.15 0.80 0.00	37.57 0.74 0.00	41.50 0.85 0.00	44.12 1.20 0.00	43.52 1.19 0.00	42.55 1.16 0.00	40.79 1.19 0.00	40.63 1.26 0.00	42.30 1.27 0.00	45.34 1.41 0.00	50.06 1.60 0.00	53.31 1.85 0.00	57.18 1.98 -0.21	52.58 1.88 0.00	44.87 1.33 -5.59	39.74 1.38 0.00	34.21 1.05 -0.35
ALTONA_WT_PWR 323606	36.23 0.46 0.00	34.52 0.54 0.00	33.37 0.52 0.00	33.51 0.59 0.00	33.78 0.53 0.00	34.36 0.51 0.00	35.11 0.04 0.00	36.35 0.00 0.00	37.10 0.26 0.00	40.94 0.29 0.00	43.09 0.17 0.00	42.46 0.13 0.00	41.56 0.17 0.00	39.84 0.24 0.00	39.49 0.12 0.00	41.11 0.08 0.00	44.02 0.09 0.00	48.31 -0.14 0.00	50.94 -0.51 0.00	54.38 -0.60 0.00	49.79 -0.91 0.00	37.04 -0.91 0.00	37.48 -0.88 0.00	31.99 -0.82 0.00
AMERICAN_REF_FUEL 24010	34.05 -1.72 0.00	32.15 -1.84 0.00	31.11 -1.74 0.00	30.68 -2.24 0.00	31.42 -1.83 0.00	32.12 -1.72 0.00	33.53 -1.54 0.00	34.21 -2.14 0.00	34.77 -2.06 0.00	38.05 -2.60 0.00	39.66 -3.26 0.00	38.95 -3.39 0.00	37.83 -3.56 0.00	36.19 -3.41 0.00	35.75 -3.62 0.00	37.38 -3.65 0.00	39.37 -4.57 0.00	42.93 -5.53 0.00	45.95 -5.51 0.00	48.41 -6.60 -0.03	45.28 -5.42 0.00	34.67 -3.98 -0.70	34.56 -3.80 0.00	29.67 -3.18 -0.04
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.73 -0.04 0.00	33.78 -0.20 0.00	32.58 -0.26 0.00	32.03 -0.89 0.00	32.61 -0.63 0.00	33.20 -0.64 0.00	34.65 -0.42 0.00	35.48 -0.87 0.00	36.06 -0.78 0.00	39.47 -1.18 0.00	41.03 -1.89 0.00	40.35 -1.99 0.00	38.95 -2.44 0.00	37.18 -2.42 0.00	36.50 -2.87 0.00	38.12 -2.91 0.00	40.33 -3.60 0.00	44.29 -4.17 0.00	47.39 -4.07 0.00	48.97 -6.05 -0.03	46.50 -4.21 0.00	34.73 -4.02 -0.80	35.10 -3.26 0.00	29.48 -3.38 -0.05
ARTHUR KILL_GT_1 23520	49.77 1.65 -12.35	35.59 1.60 -0.01	34.27 1.41 -0.01	39.94 1.45 -5.58	34.65 1.40 -0.01	35.21 1.36 -0.01	36.66 1.58 -0.01	49.73 2.00 -11.38	50.33 1.95 -11.54	50.97 2.19 -8.13	52.94 2.45 -7.57	52.98 2.33 -8.32	52.93 2.28 -9.27	52.93 2.46 -10.88	50.97 2.56 -9.04	52.93 2.63 -9.27	54.02 2.90 -7.19	54.03 3.34 -2.23	55.07 3.60 -0.01	59.29 4.13 -0.18	54.72 4.00 -0.01	54.00 2.66 -13.39	50.97 2.76 -9.85	49.76 2.23 -14.72
ARTHUR_KILL_2 23512	49.66 1.54 -12.35	35.52 1.53 -0.01	34.20 1.35 -0.01	39.88 1.38 -5.58	34.59 1.33 -0.01	35.11 1.25 -0.01	36.55 1.47 -0.01	49.66 1.93 -11.38	50.22 1.84 -11.54	50.85 2.07 -8.13	52.85 2.36 -7.57	52.85 2.20 -8.32	52.85 2.19 -9.27	52.85 2.38 -10.88	50.85 2.44 -9.04	52.85 2.54 -9.27	53.89 2.77 -7.19	53.89 3.20 -2.23	54.91 3.45 -0.01	59.13 3.96 -0.18	54.56 3.85 -0.01	53.89 2.54 -13.39	50.85 2.64 -9.85	49.66 2.13 -14.72
ARTHUR_KILL_3 23513	49.08 0.97 -12.34	34.93 0.95 0.00	33.67 0.82 0.00	39.38 0.89 -5.57	34.04 0.80 0.00	34.63 0.78 0.00	36.05 0.98 0.00	49.22 1.49 -11.37	49.85 1.48 -11.53	50.60 1.83 -8.12	52.37 1.89 -7.56	52.63 1.99 -8.31	52.60 1.95 -9.26	52.41 1.94 -10.87	50.41 2.01 -9.03	52.39 2.09 -9.27	53.44 2.33 -7.18	53.40 2.71 -2.23	54.54 3.09 0.00	58.79 3.63 -0.18	54.15 3.45 0.00	53.58 2.24 -13.38	50.38 2.19 -9.84	49.23 1.71 -14.71

ARTHUR_KILL_COGEN 323718	49.77 1.65 -12.35	35.59 1.60 -0.01	34.27 1.41 -0.01	39.94 1.45 -5.58	34.65 1.40 -0.01	35.21 1.36 -0.01	36.66 1.58 -0.01	49.73 2.00 -11.38	50.33 1.95 -11.54	50.97 2.19 -8.13	52.94 2.45 -7.57	52.98 2.33 -8.32	52.93 2.28 -9.27	52.93 2.46 -10.88	50.97 2.56 -9.04	52.93 2.63 -9.27	54.02 2.90 -7.19	54.03 3.34 -2.23	55.07 3.60 -0.01	59.29 4.13 -0.18	54.72 4.00 -0.01	54.00 2.66 -13.39	50.97 2.76 -9.85	49.76 2.23 -14.72
ASHOKAN____ 23654	37.49 1.72 0.00	35.71 1.73 0.00	34.36 1.51 0.00	34.46 1.55 0.00	34.81 1.56 0.00	35.57 1.73 0.00	36.79 1.72 0.00	38.17 1.82 0.00	38.57 1.73 0.00	42.52 1.87 0.00	45.11 2.19 0.00	44.41 2.07 0.00	43.42 2.03 0.00	41.54 1.94 0.00	41.38 2.01 0.00	43.20 2.17 0.00	46.48 2.55 0.00	51.51 3.05 0.00	55.16 3.71 0.00	59.30 4.13 -0.19	54.66 3.96 0.00	43.68 0.61 -5.12	41.31 2.95 0.00	33.26 0.13 -0.32
ASTORIA_EAST_ENERGY_CC1 323581	37.03 1.25 -0.01	35.25 1.26 -0.01	33.97 1.12 -0.01	34.04 1.12 -0.01	34.35 1.10 -0.01	34.79 0.95 0.00	36.22 1.16 0.01	38.06 1.71 0.01	38.52 1.70 0.01	42.67 2.03 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.52 2.59 0.01	51.46 3.01 0.01	54.75 3.30 0.01	58.94 3.79 -0.17	54.35 3.65 0.01	45.02 2.47 -4.60	40.74 2.38 -0.01	34.98 1.87 -0.30
ASTORIA_EAST_ENERGY_CC2 323582	37.03 1.25 -0.01	35.25 1.26 -0.01	33.97 1.12 -0.01	34.04 1.12 -0.01	34.35 1.10 -0.01	34.79 0.95 0.00	36.22 1.16 0.01	38.06 1.71 0.01	38.52 1.70 0.01	42.67 2.03 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.52 2.59 0.01	51.46 3.01 0.01	54.75 3.30 0.01	58.94 3.79 -0.17	54.35 3.65 0.01	45.02 2.47 -4.60	40.74 2.38 -0.01	34.98 1.87 -0.30
ASTORIA_GT2_1 24094	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT2_2 24095	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT2_3 24096	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT2_4 24097	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT3_1 24098	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT3_2 24099	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT3_3 24100	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT3_4 24101	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT4_1 24102	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT4_2 24103	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT4_3 24104	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30

ASTORIA_GT4_4 24105	37.07 1.29 -0.01	35.31 1.33 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.38 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.00	38.09 1.75 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.14 2.23 0.01	44.61 2.29 0.01	43.62 2.24 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
ASTORIA_GT_1 23523	37.10 1.32 -0.01	35.31 1.32 -0.01	34.04 1.18 -0.01	34.11 1.18 -0.01	34.42 1.16 -0.01	34.86 1.01 0.00	36.29 1.23 0.01	38.13 1.78 0.01	38.60 1.77 0.01	42.75 2.11 0.01	45.19 2.27 0.01	44.65 2.33 0.01	43.66 2.28 0.01	41.89 2.30 0.01	41.72 2.36 0.01	43.48 2.46 0.01	46.61 2.68 0.01	51.55 3.10 0.01	54.84 3.40 0.01	59.11 3.96 -0.17	54.45 3.75 0.01	45.09 2.54 -4.60	40.82 2.46 -0.01	35.04 1.94 -0.30
ASTORIA_GT_10 24110	37.21 1.43 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.41 1.33 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
ASTORIA_GT_11 24225	37.21 1.43 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.41 1.33 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
ASTORIA_GT_12 24226	37.21 1.43 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.41 1.33 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
ASTORIA_GT_13 24227	37.21 1.43 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.41 1.33 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
ASTORIA_GT_5 24106	37.14 1.36 -0.01	35.35 1.36 -0.01	34.04 1.18 -0.01	34.11 1.18 -0.01	34.42 1.16 -0.01	34.86 1.02 0.00	36.30 1.23 0.00	38.13 1.78 0.01	38.63 1.81 0.01	42.76 2.11 0.01	45.23 2.32 0.01	44.66 2.33 0.01	43.66 2.28 0.01	41.89 2.30 0.01	41.72 2.36 0.01	43.44 2.42 0.01	46.65 2.72 0.01	51.56 3.10 0.00	54.85 3.40 0.00	59.34 4.18 -0.18	54.46 3.75 0.00	45.13 2.58 -4.60	40.82 2.45 -0.01	34.98 1.87 -0.30
ASTORIA_GT_7 24107	37.14 1.36 -0.01	35.35 1.36 -0.01	34.04 1.18 -0.01	34.11 1.18 -0.01	34.42 1.16 -0.01	34.86 1.02 0.00	36.30 1.23 0.00	38.13 1.78 0.01	38.63 1.81 0.01	42.76 2.11 0.01	45.23 2.32 0.01	44.66 2.33 0.01	43.66 2.28 0.01	41.89 2.30 0.01	41.72 2.36 0.01	43.44 2.42 0.01	46.65 2.72 0.01	51.56 3.10 0.00	54.85 3.40 0.00	59.34 4.18 -0.18	54.46 3.75 0.00	45.13 2.58 -4.60	40.82 2.45 -0.01	34.98 1.87 -0.30
ASTORIA_GT_8 24108	37.14 1.36 -0.01	35.35 1.36 -0.01	34.04 1.18 -0.01	34.11 1.18 -0.01	34.42 1.16 -0.01	34.86 1.02 0.00	36.30 1.23 0.00	38.13 1.78 0.01	38.63 1.81 0.01	42.76 2.11 0.01	45.23 2.32 0.01	44.66 2.33 0.01	43.66 2.28 0.01	41.89 2.30 0.01	41.72 2.36 0.01	43.44 2.42 0.01	46.65 2.72 0.01	51.56 3.10 0.00	54.85 3.40 0.00	59.34 4.18 -0.18	54.46 3.75 0.00	45.13 2.58 -4.60	40.82 2.45 -0.01	34.98 1.87 -0.30
ASTORIA___2 24149	37.06 1.29 -0.01	35.25 1.26 -0.01	34.01 1.15 -0.01	34.04 1.12 -0.01	34.35 1.10 -0.01	34.83 0.98 0.00	36.26 1.19 0.01	38.06 1.71 0.01	38.56 1.73 0.01	42.71 2.07 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.68 2.32 0.01	43.40 2.38 0.01	46.56 2.64 0.01	51.46 3.01 0.01	54.79 3.34 0.01	59.00 3.85 -0.17	54.35 3.65 0.01	45.02 2.47 -4.60	40.78 2.42 -0.01	34.98 1.87 -0.30
ASTORIA___3 23516	37.17 1.39 -0.01	35.35 1.36 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.40 1.33 0.00	38.67 1.89 -0.42	39.14 1.88 -0.43	43.19 2.23 -0.30	45.56 2.36 -0.28	45.06 2.41 -0.31	44.10 2.36 -0.35	42.38 2.38 -0.40	42.19 2.48 -0.34	43.92 2.54 -0.35	46.75 2.77 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.17 4.01 -0.18	54.56 3.85 0.00	45.50 2.62 -4.93	40.93 2.57 -0.01	35.11 2.00 -0.30
ASTORIA___4 23517	37.21 1.43 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.41 1.33 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
ASTORIA___5 23518	37.17 1.39 -0.01	35.35 1.36 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.40 1.33 0.00	38.67 1.89 -0.42	39.14 1.88 -0.43	43.19 2.23 -0.30	45.56 2.36 -0.28	45.06 2.41 -0.31	44.10 2.36 -0.35	42.38 2.38 -0.40	42.19 2.48 -0.34	43.92 2.54 -0.35	46.75 2.77 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.17 4.01 -0.18	54.51 3.80 0.00	45.50 2.62 -4.93	40.93 2.57 -0.01	35.11 2.00 -0.30
AST_ENERGY_2_CC3 323677	36.84 1.07 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.64 1.99 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.50 2.11 0.00	41.70 2.10 0.00	41.57 2.20 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.30 3.60 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
AST_ENERGY_2_CC4 323678	36.84 1.07 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.64 1.99 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.50 2.11 0.00	41.70 2.10 0.00	41.57 2.20 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.30 3.60 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29

ATHENS_STG_1 23668	36.45 0.68 0.00	34.63 0.64 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.91 0.66 0.00	34.52 0.68 0.00	35.81 0.74 0.00	37.26 0.91 0.00	37.72 0.88 0.00	41.67 1.02 0.00	44.12 1.20 0.00	43.56 1.23 0.00	42.59 1.20 0.00	40.87 1.27 0.00	40.67 1.30 0.00	42.38 1.35 0.00	45.43 1.49 0.00	50.15 1.70 0.00	53.36 1.91 0.00	57.32 2.14 -0.19	52.73 2.03 0.00	44.38 1.41 -5.02	39.81 1.46 0.00	34.24 1.12 -0.31
ATHENS_STG_2 23670	36.45 0.68 0.00	34.63 0.64 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.91 0.66 0.00	34.52 0.68 0.00	35.81 0.74 0.00	37.26 0.91 0.00	37.72 0.88 0.00	41.67 1.02 0.00	44.12 1.20 0.00	43.56 1.23 0.00	42.59 1.20 0.00	40.87 1.27 0.00	40.67 1.30 0.00	42.38 1.35 0.00	45.43 1.49 0.00	50.15 1.70 0.00	53.36 1.91 0.00	57.32 2.14 -0.19	52.73 2.03 0.00	44.38 1.41 -5.02	39.81 1.46 0.00	34.24 1.12 -0.31
ATHENS_STG_3 23677	36.45 0.68 0.00	34.63 0.64 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.91 0.66 0.00	34.52 0.68 0.00	35.81 0.74 0.00	37.26 0.91 0.00	37.72 0.88 0.00	41.67 1.02 0.00	44.12 1.20 0.00	43.56 1.23 0.00	42.59 1.20 0.00	40.87 1.27 0.00	40.67 1.30 0.00	42.38 1.35 0.00	45.43 1.49 0.00	50.15 1.70 0.00	53.36 1.91 0.00	57.32 2.14 -0.19	52.73 2.03 0.00	44.38 1.41 -5.02	39.81 1.46 0.00	34.24 1.12 -0.31
AUBURN___LFGE 323710	35.84 0.07 0.00	33.98 0.00 0.00	32.82 -0.03 0.00	32.78 -0.13 0.00	33.21 -0.03 0.00	33.85 0.00 0.00	35.18 0.11 0.00	36.32 -0.04 0.00	36.80 -0.04 0.00	40.65 0.00 0.00	42.66 -0.26 0.00	42.08 -0.25 0.00	41.06 -0.33 0.00	39.16 -0.44 0.00	38.86 -0.51 0.00	40.62 -0.41 0.00	43.45 -0.48 0.00	47.97 -0.48 0.00	51.10 -0.36 0.00	54.40 -0.60 -0.02	50.25 -0.46 0.00	38.20 -0.34 -0.58	37.97 -0.38 0.00	32.52 -0.33 -0.04
BABYLON_RES_REC 323704	37.16 1.39 0.00	35.44 1.46 0.00	33.80 0.95 0.00	33.77 0.85 0.00	33.98 0.73 0.00	34.29 0.44 0.00	35.81 0.74 0.00	37.63 1.27 0.00	37.57 0.74 0.00	42.03 1.38 0.00	44.59 1.67 0.00	44.15 1.82 0.00	43.13 1.74 0.00	41.58 1.98 0.00	41.77 2.40 0.00	43.33 2.30 0.00	46.57 2.64 0.00	51.22 2.76 0.00	54.08 2.62 0.00	58.35 3.19 -0.18	53.95 3.25 0.00	44.91 2.35 -4.60	40.89 2.53 0.00	35.14 2.04 -0.29
BABYLON___69_KV_BK2 356345	37.45 1.68 0.00	35.95 1.97 0.00	34.06 1.22 0.00	34.03 1.12 0.00	34.34 1.10 0.00	34.73 0.88 0.00	36.02 0.95 0.00	37.88 1.53 0.00	37.83 0.99 0.00	42.32 1.67 0.00	45.15 2.23 0.00	44.66 2.33 0.00	43.59 2.19 0.00	42.01 2.42 0.00	42.28 2.91 0.00	43.86 2.83 0.00	47.19 3.25 0.00	51.75 3.30 0.00	54.70 3.24 0.00	59.39 4.23 -0.18	54.66 3.95 0.00	45.67 3.11 -4.60	41.31 2.95 0.00	35.40 2.30 -0.29
BALL_HILL_WT_PWR 323825	35.52 -0.25 0.00	33.58 -0.41 0.00	32.42 -0.43 0.00	31.96 -0.96 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.76 -0.32 0.00	35.59 -0.77 0.00	36.17 -0.66 0.00	39.59 -1.06 0.00	41.16 -1.76 0.00	40.47 -1.86 0.00	39.20 -2.19 0.00	37.46 -2.14 0.00	36.93 -2.44 0.00	38.57 -2.46 0.00	40.86 -3.08 0.00	44.77 -3.68 0.00	47.96 -3.50 0.00	49.68 -5.33 -0.03	47.21 -3.50 0.00	35.29 -3.45 -0.78	35.67 -2.69 0.00	30.01 -2.85 -0.05
BARON_WINDS___WT_PWR 323822	35.52 -0.25 0.00	33.61 -0.37 0.00	32.42 -0.43 0.00	32.19 -0.72 0.00	32.68 -0.57 0.00	33.30 -0.54 0.00	34.69 -0.39 0.00	35.63 -0.73 0.00	36.14 -0.70 0.00	39.67 -0.98 0.00	41.25 -1.67 0.00	40.39 -1.95 0.00	39.20 -2.19 0.00	37.34 -2.26 0.00	36.93 -2.44 0.00	38.61 -2.42 0.00	41.21 -2.72 0.00	45.36 -3.10 0.00	48.53 -2.93 0.00	51.06 -3.96 -0.04	47.66 -3.04 0.00	36.21 -2.77 -1.02	35.71 -2.65 0.00	30.32 -2.56 -0.06
BARRETT_IC_1 23704	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_10 23701	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_11 23702	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_12 23703	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_2 23705	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_3 23706	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_4 23707	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29

BARRETT_IC_5 23708	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_6 23709	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_7 23710	37.09 1.32 0.00	35.44 1.46 0.00	33.74 0.89 0.00	33.74 0.82 0.00	34.01 0.76 0.00	34.49 0.64 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.76 0.92 0.00	42.11 1.46 0.00	44.85 1.93 0.00	44.37 2.03 0.00	43.30 1.90 0.00	41.74 2.14 0.00	41.85 2.48 0.00	43.37 2.34 0.00	46.62 2.68 0.00	51.07 2.62 0.00	54.03 2.57 0.00	58.62 3.46 -0.18	53.85 3.14 0.00	45.14 2.58 -4.60	40.81 2.45 0.00	34.94 1.84 -0.29
BARRETT_IC_8 23711	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT_IC_9 23700	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT___1 23545	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BARRETT___2 23546	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.72 0.88 0.00	42.11 1.46 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.66 2.06 0.00	41.73 2.36 0.00	43.29 2.26 0.00	46.44 2.50 0.00	51.02 2.57 0.00	53.88 2.42 0.00	58.13 2.97 -0.18	53.69 2.99 0.00	44.80 2.24 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
BATAVIA__115KV_TB1 55881	35.56 -0.21 0.00	33.44 -0.54 0.00	32.42 -0.43 0.00	32.03 -0.89 0.00	32.88 -0.37 0.00	33.54 -0.30 0.00	34.90 -0.18 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.71 -0.93 0.00	41.16 -1.76 0.00	40.68 -1.65 0.00	39.53 -1.86 0.00	37.82 -1.78 0.00	37.32 -2.05 0.00	39.06 -1.97 0.00	41.39 -2.55 0.00	45.50 -2.96 0.00	48.58 -2.88 0.00	51.60 -3.41 -0.02	48.17 -2.54 0.00	36.59 -2.01 -0.64	36.40 -1.96 0.00	31.11 -1.74 -0.04
BAYONEEC___CTG1 323682	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG10 323750	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG2 323683	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG3 323684	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG4 323685	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG5 323686	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG6 323687	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29

BAYONEEC___CTG7 323688	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG8 323689	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BAYONEEC___CTG9 323749	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
BEACON___LESR 323632	36.42 0.64 0.00	34.56 0.58 0.00	33.44 0.59 0.00	33.54 0.62 0.00	33.88 0.63 0.00	34.56 0.71 0.00	35.88 0.81 0.00	37.37 1.02 0.00	37.72 0.88 0.00	41.75 1.10 0.00	44.94 2.02 0.00	44.37 2.03 0.00	43.38 1.99 0.00	41.62 2.02 0.00	41.42 2.05 0.00	43.16 2.13 0.00	46.22 2.28 0.00	51.02 2.57 0.00	54.34 2.88 0.00	58.27 3.08 -0.21	53.54 2.84 0.00	45.59 2.05 -5.58	40.50 2.15 0.00	34.80 1.64 -0.35
BEAVER RIVER___HYD 24048	35.38 -0.39 0.00	33.64 -0.34 0.00	32.52 -0.33 0.00	32.55 -0.36 0.00	32.88 -0.36 0.00	33.44 -0.40 0.00	34.69 -0.39 0.00	35.81 -0.54 0.00	35.99 -0.85 0.00	39.35 -1.30 0.00	41.42 -1.50 0.00	40.73 -1.61 0.00	39.78 -1.61 0.00	38.01 -1.59 0.00	37.75 -1.62 0.00	39.39 -1.64 0.00	42.40 -1.54 0.00	47.01 -1.45 0.00	50.28 -1.18 0.00	54.00 -0.99 -0.01	49.28 -1.42 0.00	37.14 -0.99 -0.18	37.24 -1.11 0.00	31.77 -1.05 -0.01
BEEBEE_GT_13 23619	35.27 -0.50 0.00	33.27 -0.71 0.00	32.19 -0.66 0.00	31.99 -0.92 0.00	32.65 -0.60 0.00	33.34 -0.51 0.00	34.62 -0.46 0.00	35.55 -0.80 0.00	36.03 -0.81 0.00	39.67 -0.98 0.00	41.46 -1.46 0.00	40.94 -1.40 0.00	39.90 -1.49 0.00	38.13 -1.47 0.00	37.72 -1.65 0.00	39.43 -1.60 0.00	41.91 -2.02 0.00	46.08 -2.37 0.00	49.04 -2.42 0.00	52.31 -2.69 -0.02	48.47 -2.23 0.00	37.03 -1.48 -0.56	36.71 -1.65 0.00	31.60 -1.25 -0.04
BENSHRST_27_KV_BENSHRST_1 355998	49.91 1.79 -12.35	35.76 1.77 -0.01	34.40 1.54 -0.01	40.11 1.61 -5.58	34.78 1.53 -0.01	35.34 1.49 -0.01	36.80 1.72 -0.01	49.99 2.25 -11.38	50.66 2.28 -11.54	51.38 2.60 -8.13	53.32 2.83 -7.57	53.49 2.84 -8.32	53.43 2.77 -9.27	53.25 2.77 -10.88	51.24 2.83 -9.04	53.22 2.91 -9.27	54.42 3.30 -7.19	54.47 3.78 -2.23	55.53 4.07 -0.01	60.06 4.89 -0.18	55.12 4.41 -0.01	54.38 3.04 -13.39	51.20 2.99 -9.85	49.86 2.33 -14.72
BETHLEHEM___GRP 23843	35.88 0.11 0.00	34.12 0.14 0.00	32.98 0.13 0.00	33.08 0.16 0.00	33.38 0.13 0.00	34.02 0.17 0.00	35.35 0.28 0.00	36.83 0.47 0.00	37.17 0.33 0.00	41.14 0.49 0.00	44.47 1.55 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.18 1.58 0.00	40.98 1.61 0.00	42.71 1.68 0.00	45.74 1.80 0.00	50.49 2.04 0.00	53.72 2.26 0.00	57.62 2.42 -0.21	52.99 2.28 0.00	45.18 1.63 -5.59	40.08 1.73 0.00	34.51 1.35 -0.35
BETHLEHEM___GS1 323560	35.88 0.11 0.00	34.08 0.10 0.00	32.98 0.13 0.00	33.08 0.17 0.00	33.38 0.13 0.00	34.05 0.20 0.00	35.35 0.28 0.00	36.83 0.47 0.00	37.17 0.33 0.00	41.14 0.49 0.00	44.46 1.54 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.18 1.59 0.00	40.99 1.61 0.00	42.71 1.68 0.00	45.74 1.80 0.00	50.49 2.03 0.00	53.72 2.26 0.00	57.61 2.42 -0.21	52.99 2.28 0.00	45.17 1.63 -5.59	40.08 1.73 0.00	34.48 1.31 -0.35
BETHLEHEM___GS2 323561	35.88 0.11 0.00	34.08 0.10 0.00	32.98 0.13 0.00	33.08 0.17 0.00	33.38 0.13 0.00	34.05 0.20 0.00	35.35 0.28 0.00	36.83 0.47 0.00	37.17 0.33 0.00	41.14 0.49 0.00	44.46 1.54 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.18 1.59 0.00	40.99 1.61 0.00	42.71 1.68 0.00	45.74 1.80 0.00	50.49 2.03 0.00	53.72 2.26 0.00	57.61 2.42 -0.21	52.99 2.28 0.00	45.17 1.63 -5.59	40.08 1.73 0.00	34.48 1.31 -0.35
BETHLEHEM___GS3 323562	35.88 0.11 0.00	34.08 0.10 0.00	32.98 0.13 0.00	33.08 0.17 0.00	33.38 0.13 0.00	34.05 0.20 0.00	35.35 0.28 0.00	36.83 0.47 0.00	37.17 0.33 0.00	41.14 0.49 0.00	44.46 1.54 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.18 1.59 0.00	40.99 1.61 0.00	42.71 1.68 0.00	45.74 1.80 0.00	50.49 2.03 0.00	53.72 2.26 0.00	57.61 2.42 -0.21	52.99 2.28 0.00	45.17 1.63 -5.59	40.08 1.73 0.00	34.48 1.31 -0.35
BETHLEHEM___STEEL 23779	35.16 -0.61 0.00	33.13 -0.85 0.00	32.16 -0.69 0.00	31.70 -1.22 0.00	32.48 -0.76 0.00	33.14 -0.71 0.00	34.62 -0.46 0.00	35.37 -0.98 0.00	35.84 -0.99 0.00	39.39 -1.26 0.00	40.77 -2.15 0.00	40.26 -2.07 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.89 -2.48 0.00	38.61 -2.42 0.00	40.73 -3.21 0.00	44.58 -3.88 0.00	47.65 -3.81 0.00	49.62 -5.39 -0.03	46.90 -3.80 0.00	35.21 -3.49 -0.75	35.67 -2.68 0.00	30.14 -2.72 -0.05
BETHLHEM_115KV_TB1 79974	35.99 0.21 0.00	34.19 0.20 0.00	33.05 0.20 0.00	33.15 0.23 0.00	33.48 0.23 0.00	34.12 0.27 0.00	35.42 0.35 0.00	36.86 0.51 0.00	37.24 0.41 0.00	41.18 0.53 0.00	44.38 1.46 0.00	43.82 1.48 0.00	42.84 1.45 0.00	41.10 1.50 0.00	40.91 1.54 0.00	42.63 1.60 0.00	45.65 1.71 0.00	50.40 1.94 0.00	53.62 2.16 0.00	57.51 2.31 -0.21	52.88 2.18 0.00	45.10 1.56 -5.58	40.01 1.65 0.00	34.44 1.28 -0.35
BETHPAGE_CC_5 323564	37.13 1.36 0.00	35.41 1.43 0.00	33.77 0.92 0.00	33.74 0.82 0.00	33.98 0.73 0.00	34.32 0.47 0.00	35.84 0.77 0.00	37.66 1.31 0.00	37.68 0.85 0.00	41.99 1.34 0.00	44.51 1.59 0.00	44.11 1.78 0.00	43.13 1.74 0.00	41.54 1.94 0.00	41.69 2.32 0.00	43.24 2.21 0.00	46.35 2.41 0.00	50.98 2.52 0.00	53.77 2.32 0.00	58.02 2.86 -0.18	53.64 2.94 0.00	44.72 2.16 -4.60	40.70 2.34 0.00	35.07 1.97 -0.29
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.23 -0.54 0.00	33.23 -0.75 0.00	32.22 -0.62 0.00	31.80 -1.12 0.00	32.55 -0.70 0.00	33.20 -0.64 0.00	34.69 -0.39 0.00	35.48 -0.87 0.00	35.95 -0.88 0.00	39.51 -1.14 0.00	40.86 -2.06 0.00	40.35 -1.99 0.00	39.24 -2.15 0.00	37.54 -2.06 0.00	36.97 -2.40 0.00	38.69 -2.34 0.00	40.82 -3.12 0.00	44.68 -3.78 0.00	47.75 -3.70 0.00	49.62 -5.39 -0.03	47.05 -3.65 0.00	35.15 -3.57 -0.76	35.75 -2.61 0.00	30.04 -2.82 -0.05

BINGHAMTON___COGEN 23790	35.88 0.11 0.00	34.02 0.03 0.00	32.88 0.03 0.00	32.85 -0.07 0.00	33.28 0.03 0.00	33.91 0.07 0.00	35.21 0.14 0.00	36.43 0.07 0.00	36.87 0.04 0.00	40.65 0.00 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.02 -0.37 0.00	39.16 -0.44 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.45 -0.48 0.00	47.93 -0.53 0.00	51.10 -0.36 0.00	54.27 -0.77 -0.06	50.30 -0.41 0.00	38.86 -0.57 -1.47	37.97 -0.38 0.00	32.38 -0.52 -0.09
BIXINCNT_115KV_LOAD 355685	35.45 -0.32 0.00	33.54 -0.44 0.00	32.45 -0.39 0.00	31.93 -0.99 0.00	32.65 -0.60 0.00	33.27 -0.58 0.00	34.76 -0.32 0.00	35.52 -0.84 0.00	35.92 -0.92 0.00	39.39 -1.26 0.00	40.65 -2.27 0.00	40.05 -2.29 0.00	38.95 -2.44 0.00	37.14 -2.46 0.00	36.50 -2.87 0.00	38.16 -2.87 0.00	40.55 -3.38 0.00	44.39 -4.07 0.00	47.34 -4.12 0.00	48.97 -6.05 -0.03	46.50 -4.21 0.00	34.22 -4.55 -0.81	35.02 -3.34 0.00	29.02 -3.84 -0.05
BLACK RIVER___HYD 24047	35.52 -0.25 0.00	33.75 -0.24 0.00	32.62 -0.23 0.00	32.62 -0.30 0.00	32.98 -0.27 0.00	33.54 -0.31 0.00	34.83 -0.24 0.00	35.92 -0.43 0.00	36.10 -0.74 0.00	39.47 -1.18 0.00	41.54 -1.38 0.00	40.81 -1.52 0.00	39.82 -1.57 0.00	37.97 -1.63 0.00	37.75 -1.62 0.00	39.43 -1.60 0.00	42.53 -1.41 0.00	47.20 -1.26 0.00	50.74 -0.72 0.00	54.55 -0.44 -0.01	49.69 -1.01 0.00	37.51 -0.68 -0.24	37.59 -0.77 0.00	32.01 -0.82 -0.02
BLACKRVR_115KV_TB2 79977	35.52 -0.25 0.00	33.74 -0.24 0.00	32.62 -0.23 0.00	32.62 -0.30 0.00	32.98 -0.27 0.00	33.54 -0.30 0.00	34.83 -0.25 0.00	35.92 -0.44 0.00	36.06 -0.77 0.00	39.47 -1.18 0.00	41.55 -1.37 0.00	40.81 -1.52 0.00	39.82 -1.57 0.00	37.97 -1.62 0.00	37.76 -1.61 0.00	39.43 -1.60 0.00	42.49 -1.45 0.00	47.20 -1.26 0.00	50.74 -0.72 0.00	54.55 -0.44 -0.01	49.69 -1.01 0.00	37.51 -0.68 -0.24	37.59 -0.77 0.00	32.01 -0.82 -0.02
BLISS_WT_PWR 323608	35.45 -0.32 0.00	33.64 -0.34 0.00	32.46 -0.39 0.00	31.89 -1.02 0.00	32.58 -0.66 0.00	33.24 -0.61 0.00	34.69 -0.39 0.00	35.41 -0.95 0.00	35.88 -0.96 0.00	39.27 -1.38 0.00	40.69 -2.23 0.00	40.01 -2.33 0.00	38.79 -2.61 0.00	36.98 -2.61 0.00	36.34 -3.03 0.00	37.99 -3.04 0.00	40.38 -3.56 0.00	44.19 -4.26 0.00	47.08 -4.37 0.00	48.30 -6.71 -0.03	46.14 -4.56 0.00	33.99 -4.78 -0.81	34.71 -3.64 0.00	28.73 -4.14 -0.05
BLUESTONE___WT_PWR 323821	37.16 1.39 0.00	35.27 1.29 0.00	34.10 1.25 0.00	34.00 1.08 0.00	34.38 1.13 0.00	34.96 1.12 0.00	36.37 1.30 0.00	37.55 1.20 0.00	38.05 1.21 0.00	41.79 1.14 0.00	44.03 1.11 0.00	43.26 0.93 0.00	42.14 0.75 0.00	40.23 0.63 0.00	39.96 0.59 0.00	41.73 0.70 0.00	44.77 0.83 0.00	49.48 1.02 0.00	52.90 1.44 0.00	56.25 1.21 -0.06	51.57 0.86 0.00	40.00 0.46 -1.59	38.89 0.54 0.00	33.11 0.20 -0.10
BLUE_CIRC_CHEM_DRP 24182	36.41 0.64 0.00	34.63 0.65 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.91 0.66 0.00	34.56 0.71 0.00	35.84 0.77 0.00	37.26 0.91 0.00	37.65 0.81 0.00	41.54 0.89 0.00	44.38 1.46 0.00	43.77 1.44 0.00	42.80 1.41 0.00	41.02 1.43 0.00	40.83 1.46 0.00	42.55 1.52 0.00	45.56 1.63 0.00	50.30 1.84 0.00	53.57 2.11 0.00	57.45 2.25 -0.21	52.83 2.13 0.00	44.94 1.48 -5.51	40.01 1.65 0.00	34.37 1.21 -0.35
BOC_GAS_DRP 24189	36.20 0.43 0.00	34.42 0.44 0.00	33.28 0.43 0.00	33.38 0.46 0.00	33.71 0.47 0.00	34.32 0.47 0.00	35.60 0.53 0.00	37.01 0.65 0.00	37.43 0.59 0.00	41.34 0.69 0.00	44.04 1.12 0.00	43.48 1.14 0.00	42.51 1.12 0.00	40.75 1.15 0.00	40.55 1.18 0.00	42.26 1.23 0.00	45.25 1.32 0.00	49.96 1.50 0.00	53.16 1.70 0.00	57.01 1.81 -0.21	52.48 1.77 0.00	44.77 1.25 -5.56	39.66 1.30 0.00	34.15 0.98 -0.35
BOONVILLE_115KV_TB1 79983	36.09 0.32 0.00	34.29 0.31 0.00	33.18 0.33 0.00	33.21 0.30 0.00	33.55 0.30 0.00	34.15 0.30 0.00	35.42 0.35 0.00	36.68 0.33 0.00	36.95 0.11 0.00	40.57 -0.08 0.00	42.79 -0.13 0.00	42.12 -0.21 0.00	41.14 -0.25 0.00	39.28 -0.32 0.00	39.10 -0.28 0.00	40.78 -0.25 0.00	43.80 -0.13 0.00	48.46 0.00 0.00	51.71 0.26 0.00	55.37 0.38 -0.01	50.75 0.05 0.00	38.15 0.04 -0.16	38.36 0.00 0.00	32.72 -0.10 -0.01
BORALEX_4TH_BRANCH 23824	37.38 1.61 0.00	35.58 1.60 0.00	34.33 1.48 0.00	34.43 1.51 0.00	34.74 1.50 0.00	35.34 1.49 0.00	36.72 1.65 0.00	38.24 1.89 0.00	38.68 1.84 0.00	42.68 2.03 0.00	45.07 2.15 0.00	44.45 2.12 0.00	43.54 2.15 0.00	41.82 2.22 0.00	41.69 2.32 0.00	43.45 2.42 0.00	46.48 2.55 0.00	51.37 2.91 0.00	54.54 3.09 0.00	58.49 3.30 -0.21	53.85 3.14 0.00	45.95 2.43 -5.56	40.85 2.49 0.00	35.13 1.97 -0.35
BOWLINE___1 23526	36.59 0.82 0.00	34.83 0.85 0.00	33.57 0.72 0.00	33.67 0.76 0.00	33.95 0.70 0.00	34.56 0.71 0.00	35.95 0.88 0.00	37.59 1.24 0.00	38.02 1.18 0.00	42.07 1.42 0.00	44.42 1.50 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.14 1.54 0.00	41.02 1.65 0.00	42.71 1.68 0.00	45.87 1.93 0.00	50.74 2.28 0.00	54.03 2.57 0.00	58.06 2.91 -0.17	53.54 2.84 0.00	44.23 1.86 -4.42	40.20 1.84 0.00	34.50 1.41 -0.28
BOWLINE___2 23595	36.59 0.82 0.00	34.83 0.85 0.00	33.57 0.72 0.00	33.67 0.76 0.00	33.95 0.70 0.00	34.56 0.71 0.00	35.95 0.88 0.00	37.59 1.24 0.00	38.02 1.18 0.00	42.07 1.42 0.00	44.42 1.50 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.14 1.54 0.00	41.02 1.65 0.00	42.71 1.68 0.00	45.87 1.93 0.00	50.74 2.28 0.00	54.03 2.57 0.00	58.06 2.91 -0.17	53.54 2.84 0.00	44.23 1.86 -4.42	40.20 1.84 0.00	34.50 1.41 -0.28
BRADY___115KV_TB2 356060	35.99 0.21 0.00	34.22 0.24 0.00	33.08 0.23 0.00	33.18 0.26 0.00	33.41 0.17 0.00	33.98 0.14 0.00	35.04 -0.04 0.00	36.28 -0.07 0.00	36.95 0.11 0.00	40.65 0.00 0.00	42.79 -0.13 0.00	42.21 -0.13 0.00	41.27 -0.12 0.00	39.60 0.00 0.00	39.29 -0.08 0.00	40.87 -0.16 0.00	43.85 -0.09 0.00	48.26 -0.19 0.00	51.15 -0.31 0.00	54.87 -0.11 0.00	50.30 -0.41 0.00	37.61 -0.34 0.00	37.93 -0.42 0.00	32.48 -0.33 0.00
BRANSCOMB___SOLAR 323811	37.20 1.43 0.00	35.34 1.36 0.00	34.20 1.35 0.00	34.30 1.38 0.00	34.64 1.40 0.00	35.30 1.45 0.00	36.61 1.54 0.00	38.14 1.78 0.00	38.53 1.70 0.00	42.56 1.91 0.00	44.94 2.02 0.00	44.37 2.03 0.00	43.38 1.99 0.00	41.62 2.02 0.00	41.38 2.01 0.00	43.12 2.09 0.00	46.22 2.28 0.00	51.02 2.57 0.00	54.44 2.98 0.00	58.39 3.19 -0.22	53.59 2.89 0.00	45.77 2.09 -5.73	40.50 2.15 0.00	34.84 1.67 -0.36
BRENTWOD_69_KV_W. BRTWOOD 56703	37.31 1.54 0.00	35.82 1.84 0.00	33.97 1.12 0.00	33.90 0.99 0.00	34.21 0.96 0.00	34.59 0.74 0.00	35.84 0.77 0.00	37.70 1.35 0.00	37.65 0.81 0.00	42.15 1.50 0.00	44.94 2.02 0.00	44.45 2.12 0.00	43.38 1.99 0.00	41.86 2.26 0.00	42.13 2.76 0.00	43.70 2.67 0.00	46.97 3.03 0.00	51.46 3.00 0.00	54.34 2.88 0.00	59.01 3.85 -0.18	54.30 3.60 0.00	45.48 2.92 -4.60	41.16 2.80 0.00	35.27 2.17 -0.29



BRISTLHL_115KV_TB1 79998	35.23 -0.54 0.00	33.40 -0.58 0.00	32.29 -0.56 0.00	32.29 -0.63 0.00	32.68 -0.57 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.66 -0.69 0.00	36.06 -0.77 0.00	39.84 -0.81 0.00	41.93 -0.99 0.00	41.32 -1.02 0.00	40.40 -0.99 0.00	38.49 -1.11 0.00	38.23 -1.14 0.00	39.92 -1.11 0.00	42.71 -1.23 0.00	47.10 -1.36 0.00	50.12 -1.34 0.00	53.46 -1.54 -0.01	49.33 -1.37 0.00	37.41 -0.91 -0.36	37.44 -0.92 0.00	32.15 -0.69 -0.02
BROOKHAVEN___DRP 24191	36.77 1.00 0.00	35.71 1.73 0.00	33.70 0.85 0.00	33.64 0.72 0.00	33.94 0.70 0.00	34.08 0.24 0.00	35.21 0.14 0.00	37.08 0.73 0.00	36.95 0.11 0.00	41.46 0.81 0.00	44.21 1.29 0.00	43.69 1.35 0.00	42.63 1.24 0.00	41.14 1.54 0.00	41.81 2.44 0.00	43.21 2.17 0.00	46.40 2.46 0.00	50.98 2.52 0.00	53.52 2.06 0.00	58.24 3.08 -0.18	53.54 2.84 0.00	45.03 2.47 -4.60	40.77 2.42 0.00	35.07 1.97 -0.29
BROOKLYN_NAVY_YARD 23515	36.92 1.14 0.00	35.10 1.12 0.00	33.74 0.89 0.00	33.87 0.96 0.00	34.11 0.86 0.00	34.69 0.85 0.00	36.16 1.09 0.00	37.99 1.64 0.00	38.46 1.62 0.00	42.64 1.99 0.00	44.94 2.02 0.00	44.41 2.07 0.00	43.46 2.07 0.00	41.66 2.06 0.00	41.50 2.12 0.00	43.20 2.17 0.00	46.35 2.41 0.00	51.32 2.86 0.00	54.65 3.19 0.00	58.90 3.74 -0.18	54.20 3.50 0.00	44.87 2.32 -4.60	40.66 2.30 0.00	34.87 1.77 -0.29
BROOKLYN___ARMY_DRP 323595	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
BROOKVLE_69_KV_TB1 55790	37.34 1.57 0.00	35.65 1.67 0.00	33.97 1.12 0.00	33.97 1.05 0.00	34.28 1.03 0.00	34.83 0.98 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.20 1.36 0.00	42.52 1.87 0.00	45.28 2.36 0.00	44.75 2.41 0.00	43.71 2.32 0.00	42.05 2.46 0.00	42.05 2.68 0.00	43.70 2.67 0.00	46.92 2.99 0.00	51.66 3.20 0.00	54.80 3.34 0.00	59.34 4.18 -0.18	54.51 3.80 0.00	45.33 2.77 -4.60	40.96 2.61 0.00	35.10 2.00 -0.29
BROOME_2_LFGE 323671	35.91 0.14 0.00	34.05 0.07 0.00	32.88 0.03 0.00	32.85 -0.07 0.00	33.28 0.03 0.00	33.92 0.07 0.00	35.21 0.14 0.00	36.39 0.04 0.00	36.91 0.07 0.00	40.65 0.00 0.00	42.66 -0.26 0.00	41.99 -0.34 0.00	40.98 -0.41 0.00	39.16 -0.43 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.45 -0.48 0.00	47.93 -0.53 0.00	51.10 -0.36 0.00	54.22 -0.82 -0.06	50.30 -0.41 0.00	38.86 -0.57 -1.47	37.97 -0.38 0.00	32.38 -0.53 -0.09
BROOME___LFGE 323600	35.91 0.14 0.00	34.05 0.07 0.00	32.88 0.03 0.00	32.85 -0.07 0.00	33.28 0.03 0.00	33.92 0.07 0.00	35.21 0.14 0.00	36.39 0.04 0.00	36.91 0.07 0.00	40.65 0.00 0.00	42.66 -0.26 0.00	41.99 -0.34 0.00	40.98 -0.41 0.00	39.16 -0.43 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.45 -0.48 0.00	47.93 -0.53 0.00	51.10 -0.36 0.00	54.22 -0.82 -0.06	50.30 -0.41 0.00	38.86 -0.57 -1.47	37.97 -0.38 0.00	32.38 -0.53 -0.09
BROWNFLS_115KV_TB_3_5 80003	34.98 -0.79 0.00	33.27 -0.71 0.00	32.16 -0.69 0.00	32.22 -0.69 0.00	32.48 -0.76 0.00	33.07 -0.78 0.00	34.16 -0.91 0.00	35.37 -0.98 0.00	35.73 -1.11 0.00	39.23 -1.42 0.00	41.29 -1.63 0.00	40.64 -1.69 0.00	39.69 -1.70 0.00	38.01 -1.58 0.00	37.76 -1.61 0.00	39.31 -1.72 0.00	42.27 -1.67 0.00	46.67 -1.79 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.78 -1.93 0.00	36.64 -1.44 -0.12	36.78 -1.57 0.00	31.44 -1.38 -0.01
BROWNSV1_27_KV_LOAD 356125	37.17 1.40 0.00	35.37 1.39 0.00	34.03 1.18 0.00	34.17 1.25 0.00	34.41 1.16 0.00	35.00 1.15 0.00	36.44 1.37 0.00	38.24 1.89 0.00	38.75 1.92 0.00	42.93 2.28 0.00	45.37 2.45 0.00	44.83 2.50 0.00	43.83 2.44 0.00	42.01 2.42 0.00	41.85 2.48 0.00	43.62 2.58 0.00	46.79 2.86 0.00	51.75 3.30 0.00	55.11 3.65 0.00	59.67 4.51 -0.18	54.71 4.01 0.00	45.25 2.69 -4.60	40.93 2.57 0.00	35.07 1.97 -0.29
BURROWS___LYONSDAL 23803	35.95 0.18 0.00	34.15 0.17 0.00	33.05 0.20 0.00	33.08 0.16 0.00	33.41 0.17 0.00	33.98 0.14 0.00	35.28 0.21 0.00	36.50 0.15 0.00	36.69 -0.15 0.00	40.20 -0.45 0.00	42.40 -0.52 0.00	41.74 -0.59 0.00	40.73 -0.66 0.00	38.93 -0.67 0.00	38.70 -0.67 0.00	40.42 -0.62 0.00	43.41 -0.53 0.00	48.07 -0.39 0.00	51.30 -0.15 0.00	54.99 0.00 -0.01	50.35 -0.35 0.00	37.89 -0.23 -0.16	38.05 -0.31 0.00	32.46 -0.36 -0.01
CAITHNESS_CC_1 323624	36.77 1.00 0.00	35.34 1.36 0.00	33.67 0.82 0.00	33.61 0.69 0.00	33.75 0.50 0.00	33.78 -0.07 0.00	35.28 0.21 0.00	37.12 0.76 0.00	36.98 0.15 0.00	41.62 0.97 0.00	44.03 1.11 0.00	43.60 1.27 0.00	42.59 1.20 0.00	41.06 1.47 0.00	41.65 2.28 0.00	43.08 2.05 0.00	46.26 2.33 0.00	50.88 2.42 0.00	53.36 1.91 0.00	57.69 2.53 -0.18	53.34 2.63 0.00	44.53 1.97 -4.60	40.66 2.30 0.00	35.07 1.97 -0.29
CALPINE BETH_PAGE_GT4 24209	37.09 1.32 0.00	35.48 1.50 0.00	33.70 0.85 0.00	33.71 0.79 0.00	34.01 0.76 0.00	34.46 0.61 0.00	35.77 0.70 0.00	37.63 1.27 0.00	37.68 0.85 0.00	42.07 1.42 0.00	44.85 1.93 0.00	44.37 2.03 0.00	43.34 1.95 0.00	41.74 2.14 0.00	41.85 2.48 0.00	43.45 2.42 0.00	46.53 2.59 0.00	51.07 2.62 0.00	54.08 2.62 0.00	58.68 3.52 -0.18	53.95 3.25 0.00	45.06 2.51 -4.60	40.85 2.49 0.00	34.97 1.87 -0.29
CALPINE_BETH_PAGE_GT_4 323586	37.09 1.32 0.00	35.34 1.36 0.00	33.70 0.85 0.00	33.70 0.79 0.00	33.91 0.66 0.00	34.29 0.44 0.00	35.77 0.70 0.00	37.63 1.27 0.00	37.65 0.81 0.00	41.99 1.34 0.00	44.55 1.63 0.00	44.15 1.82 0.00	43.13 1.74 0.00	41.54 1.94 0.00	41.65 2.28 0.00	43.24 2.21 0.00	46.31 2.37 0.00	50.88 2.42 0.00	53.77 2.32 0.00	58.02 2.86 -0.18	53.59 2.89 0.00	44.65 2.09 -4.60	40.70 2.34 0.00	35.00 1.90 -0.29
CALPINE_BP_GT1 23823	37.09 1.32 0.00	35.34 1.36 0.00	33.70 0.85 0.00	33.70 0.79 0.00	33.91 0.66 0.00	34.29 0.44 0.00	35.77 0.70 0.00	37.63 1.27 0.00	37.65 0.81 0.00	41.99 1.34 0.00	44.55 1.63 0.00	44.15 1.82 0.00	43.13 1.74 0.00	41.54 1.94 0.00	41.65 2.28 0.00	43.24 2.21 0.00	46.31 2.37 0.00	50.88 2.42 0.00	53.77 2.32 0.00	58.02 2.86 -0.18	53.59 2.89 0.00	44.65 2.09 -4.60	40.70 2.34 0.00	35.00 1.90 -0.29
CALSPAN___DRP 24200	35.16 -0.61 0.00	33.13 -0.85 0.00	32.16 -0.69 0.00	31.70 -1.22 0.00	32.48 -0.76 0.00	33.14 -0.71 0.00	34.62 -0.46 0.00	35.37 -0.98 0.00	35.84 -0.99 0.00	39.39 -1.26 0.00	40.77 -2.15 0.00	40.26 -2.07 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.89 -2.48 0.00	38.61 -2.42 0.00	40.73 -3.21 0.00	44.58 -3.88 0.00	47.65 -3.81 0.00	49.62 -5.39 -0.03	46.90 -3.80 0.00	35.21 -3.49 -0.75	35.67 -2.68 0.00	30.14 -2.72 -0.05

CALVERTON___SOLAR 323806	36.77 1.00 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.67 0.76 0.00	33.78 0.53 0.00	33.68 -0.17 0.00	35.18 0.11 0.00	37.04 0.69 0.00	36.87 0.04 0.00	41.59 0.94 0.00	43.91 0.99 0.00	43.52 1.18 0.00	42.47 1.07 0.00	40.98 1.39 0.00	41.73 2.36 0.00	43.12 2.09 0.00	46.22 2.28 0.00	50.98 2.52 0.00	53.31 1.85 0.00	57.69 2.53 -0.18	53.34 2.63 0.00	44.49 1.93 -4.60	40.70 2.34 0.00	35.14 2.04 -0.29
CANDIGU_WT_PWR 323617	35.52 -0.25 0.00	33.61 -0.37 0.00	32.42 -0.43 0.00	32.19 -0.72 0.00	32.68 -0.57 0.00	33.30 -0.54 0.00	34.69 -0.39 0.00	35.63 -0.73 0.00	36.14 -0.70 0.00	39.67 -0.98 0.00	41.25 -1.67 0.00	40.39 -1.95 0.00	39.20 -2.19 0.00	37.34 -2.26 0.00	36.93 -2.44 0.00	38.61 -2.42 0.00	41.21 -2.72 0.00	45.36 -3.10 0.00	48.53 -2.93 0.00	51.06 -3.96 -0.04	47.66 -3.04 0.00	36.21 -2.77 -1.02	35.71 -2.65 0.00	30.32 -2.56 -0.06
CARR STREET_E_SYR 24060	35.59 -0.18 0.00	33.75 -0.24 0.00	32.58 -0.26 0.00	32.62 -0.30 0.00	33.02 -0.23 0.00	33.61 -0.24 0.00	34.90 -0.17 0.00	36.06 -0.29 0.00	36.50 -0.33 0.00	40.24 -0.41 0.00	42.41 -0.51 0.00	41.78 -0.55 0.00	40.81 -0.58 0.00	38.96 -0.64 0.00	38.70 -0.67 0.00	40.37 -0.66 0.00	43.19 -0.75 0.00	47.63 -0.82 0.00	50.69 -0.77 0.00	54.06 -0.94 -0.02	49.89 -0.81 0.00	37.84 -0.53 -0.42	37.82 -0.54 0.00	32.45 -0.39 -0.03
CARTHAGE___PAPER 23857	35.41 -0.36 0.00	33.64 -0.34 0.00	32.52 -0.33 0.00	32.55 -0.36 0.00	32.88 -0.36 0.00	33.44 -0.40 0.00	34.69 -0.39 0.00	35.81 -0.54 0.00	35.95 -0.88 0.00	39.31 -1.34 0.00	41.38 -1.54 0.00	40.64 -1.69 0.00	39.69 -1.70 0.00	37.90 -1.70 0.00	37.68 -1.69 0.00	39.31 -1.72 0.00	42.36 -1.58 0.00	47.01 -1.45 0.00	50.43 -1.03 0.00	54.22 -0.77 -0.01	49.49 -1.22 0.00	37.30 -0.87 -0.21	37.36 -1.00 0.00	31.84 -0.98 -0.01
CASSADAGA_WT_PWR 323784	35.95 0.18 0.00	33.98 0.00 0.00	32.78 -0.07 0.00	32.16 -0.76 0.00	32.75 -0.50 0.00	33.34 -0.51 0.00	34.79 -0.28 0.00	35.66 -0.69 0.00	36.21 -0.63 0.00	39.67 -0.98 0.00	41.20 -1.72 0.00	40.47 -1.86 0.00	39.07 -2.32 0.00	37.26 -2.34 0.00	36.54 -2.84 0.00	38.12 -2.91 0.00	40.38 -3.56 0.00	44.34 -4.12 0.00	47.50 -3.96 0.00	48.91 -6.10 -0.03	46.60 -4.11 0.00	34.63 -4.14 -0.81	35.13 -3.22 0.00	29.35 -3.51 -0.05
CE_DUNWOOD___DRP 24194	36.88 1.11 0.00	35.10 1.12 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.21 0.96 0.00	34.80 0.95 0.00	36.19 1.12 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.34 1.95 0.00	41.58 1.98 0.00	41.42 2.05 0.00	43.16 2.13 0.00	46.31 2.37 0.00	51.22 2.76 0.00	54.49 3.04 0.00	58.84 3.68 -0.17	54.05 3.35 0.00	44.83 2.28 -4.59	40.54 2.19 0.00	34.77 1.67 -0.29
CE_MILLWOOD___DRP 24193	36.77 1.00 0.00	35.00 1.02 0.00	33.74 0.89 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.73 0.88 0.00	36.09 1.02 0.00	37.77 1.42 0.00	38.24 1.40 0.00	42.28 1.63 0.00	44.72 1.80 0.00	44.16 1.82 0.00	43.17 1.78 0.00	41.42 1.82 0.00	41.26 1.89 0.00	43.00 1.97 0.00	46.13 2.20 0.00	51.03 2.57 0.00	54.29 2.83 0.00	58.57 3.41 -0.17	53.80 3.09 0.00	44.62 2.13 -4.53	40.39 2.03 0.00	34.64 1.54 -0.28
CE_NYC2_DRP 24202	37.17 1.40 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.44 1.37 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.19 2.48 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.45 4.29 -0.18	54.56 3.85 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
CE_NYC_DRP 24195	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.78 2.18 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
CHAFFEE___LFGE 323603	35.24 -0.54 0.00	33.40 -0.58 0.00	32.22 -0.63 0.00	31.83 -1.09 0.00	32.55 -0.70 0.00	33.20 -0.64 0.00	34.69 -0.39 0.00	35.66 -0.69 0.00	36.25 -0.59 0.00	39.67 -0.98 0.00	41.12 -1.80 0.00	40.43 -1.90 0.00	39.20 -2.19 0.00	37.46 -2.14 0.00	37.01 -2.36 0.00	38.65 -2.38 0.00	41.12 -2.81 0.00	45.16 -3.30 0.00	48.37 -3.09 0.00	48.97 -6.05 -0.03	47.71 -2.99 0.00	34.61 -4.21 -0.87	35.94 -2.42 0.00	29.29 -3.58 -0.05
CHATEAUG_35_KV_LOAD 355732	35.99 0.21 0.00	34.22 0.24 0.00	33.14 0.30 0.00	33.28 0.36 0.00	33.55 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.95 0.11 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.33 0.00 0.00	41.43 0.04 0.00	39.72 0.12 0.00	39.41 0.04 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.71 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.28 -1.07 0.00	31.86 -0.95 0.00
CHATEAUG_WT_PWR 323614	35.99 0.22 0.00	34.25 0.27 0.00	33.11 0.26 0.00	33.24 0.33 0.00	33.54 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.91 0.07 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.29 -0.04 0.00	41.39 0.00 0.00	39.72 0.12 0.00	39.37 0.00 0.00	40.99 -0.04 0.00	43.89 -0.04 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.72 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.32 -1.03 0.00	31.89 -0.92 0.00
CHAT_HIGH_FALL_HYD 323578	35.99 0.21 0.00	34.22 0.24 0.00	33.14 0.30 0.00	33.28 0.36 0.00	33.55 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.95 0.11 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.33 0.00 0.00	41.43 0.04 0.00	39.72 0.12 0.00	39.41 0.04 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.71 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.28 -1.07 0.00	31.86 -0.95 0.00
CHAUTAUQUA___LFGE 323629	35.73 -0.04 0.00	33.81 -0.17 0.00	32.62 -0.23 0.00	32.13 -0.79 0.00	32.75 -0.50 0.00	33.41 -0.44 0.00	34.86 -0.21 0.00	35.74 -0.62 0.00	36.29 -0.55 0.00	39.72 -0.93 0.00	41.29 -1.63 0.00	40.56 -1.78 0.00	39.28 -2.11 0.00	37.50 -2.10 0.00	36.93 -2.44 0.00	38.57 -2.46 0.00	40.82 -3.12 0.00	44.82 -3.64 0.00	47.96 -3.50 0.00	49.68 -5.33 -0.03	47.21 -3.50 0.00	35.25 -3.49 -0.79	35.63 -2.72 0.00	29.94 -2.92 -0.05
CHERRYST_13_KV_LD 356241	37.06 1.29 0.00	35.27 1.29 0.00	33.93 1.08 0.00	34.07 1.15 0.00	34.34 1.10 0.00	34.93 1.08 0.00	36.33 1.26 0.00	38.14 1.78 0.00	38.64 1.81 0.00	42.80 2.15 0.00	45.24 2.32 0.00	44.71 2.37 0.00	43.71 2.32 0.00	41.90 2.30 0.00	41.73 2.36 0.00	43.49 2.46 0.00	46.66 2.72 0.00	51.61 3.15 0.00	54.96 3.50 0.00	59.45 4.29 -0.18	54.51 3.80 0.00	45.14 2.58 -4.60	40.81 2.45 0.00	34.97 1.87 -0.29

CHESTROR_138KV_BK263 355645	36.49 0.72 0.00	34.76 0.78 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.88 0.63 0.00	34.49 0.64 0.00	35.84 0.77 0.00	37.41 1.05 0.00	37.91 1.07 0.00	41.87 1.22 0.00	44.21 1.29 0.00	43.65 1.31 0.00	42.67 1.28 0.00	40.91 1.31 0.00	40.75 1.38 0.00	42.47 1.44 0.00	45.60 1.67 0.00	50.40 1.94 0.00	53.67 2.21 0.00	57.78 2.64 -0.16	53.19 2.48 0.00	43.86 1.67 -4.23	39.97 1.61 0.00	34.26 1.18 -0.27
CH_MIDHUDSON___DRP 24192	36.84 1.07 0.00	35.10 1.12 0.00	33.83 0.99 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.86 1.02 0.00	36.19 1.12 0.00	37.81 1.45 0.00	38.31 1.47 0.00	42.36 1.71 0.00	44.77 1.85 0.00	44.20 1.86 0.00	43.21 1.82 0.00	41.46 1.86 0.00	41.30 1.93 0.00	43.04 2.01 0.00	46.18 2.24 0.00	51.03 2.57 0.00	54.34 2.88 0.00	58.52 3.35 -0.18	53.80 3.09 0.00	44.74 2.13 -4.65	40.47 2.11 0.00	34.68 1.57 -0.29
CH_MISC_IPPS 23765	36.95 1.18 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.00 1.08 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.85 1.93 0.00	44.28 1.95 0.00	43.34 1.95 0.00	41.54 1.94 0.00	41.38 2.01 0.00	43.12 2.09 0.00	46.26 2.33 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.57 3.41 -0.17	54.00 3.29 0.00	44.73 2.20 -4.57	40.58 2.22 0.00	34.77 1.67 -0.29
CH_RES_BVR_FALLS 23983	35.66 -0.11 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.79 -0.28 0.00	36.06 -0.29 0.00	36.62 -0.22 0.00	40.41 -0.24 0.00	42.62 -0.30 0.00	41.99 -0.34 0.00	41.10 -0.29 0.00	39.36 -0.24 0.00	39.10 -0.27 0.00	40.66 -0.37 0.00	43.50 -0.44 0.00	47.88 -0.58 0.00	50.63 -0.83 0.00	54.10 -0.88 0.00	49.74 -0.96 0.00	37.23 -0.72 0.00	37.59 -0.77 0.00	32.19 -0.62 0.00
CH_RES_NIAGARA 23895	34.09 -1.68 0.00	32.04 -1.94 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.56 -1.51 0.00	34.21 -2.14 0.00	34.63 -2.21 0.00	38.09 -2.56 0.00	39.44 -3.48 0.00	38.95 -3.39 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.79 -3.58 0.00	37.42 -3.61 0.00	39.41 -4.53 0.00	43.03 -5.43 0.00	46.00 -5.45 0.00	48.41 -6.60 -0.03	45.33 -5.37 0.00	34.71 -3.95 -0.70	34.60 -3.76 0.00	29.84 -3.02 -0.04
CH_RES_SYRACUSE 23985	35.77 0.00 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.78 -0.13 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.69 -0.15 0.00	40.49 -0.16 0.00	42.66 -0.26 0.00	41.99 -0.34 0.00	41.06 -0.33 0.00	39.12 -0.47 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	50.94 -0.51 0.00	54.29 -0.72 -0.02	50.10 -0.61 0.00	38.04 -0.38 -0.47	37.97 -0.38 0.00	32.58 -0.26 -0.03
CLINTON_WT_PWR 323605	35.99 0.22 0.00	34.25 0.27 0.00	33.11 0.26 0.00	33.24 0.33 0.00	33.54 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.91 0.07 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.29 -0.04 0.00	41.39 0.00 0.00	39.72 0.12 0.00	39.37 0.00 0.00	40.99 -0.04 0.00	43.89 -0.04 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.72 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.32 -1.03 0.00	31.89 -0.92 0.00
CLINTON___LFGE 323618	36.77 1.00 0.00	35.04 1.05 0.00	33.83 0.98 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	35.53 0.45 0.00	36.79 0.44 0.00	37.61 0.77 0.00	41.50 0.85 0.00	43.60 0.68 0.00	42.97 0.64 0.00	42.05 0.66 0.00	40.39 0.79 0.00	40.00 0.63 0.00	41.60 0.57 0.00	44.64 0.70 0.00	48.94 0.48 0.00	51.61 0.15 0.00	55.15 0.17 0.00	50.55 -0.15 0.00	37.54 -0.42 0.00	37.97 -0.38 0.00	32.42 -0.39 0.00
COBBLENY_34_KV_TB1 80064	35.20 -0.57 0.00	33.30 -0.68 0.00	32.22 -0.62 0.00	31.83 -1.09 0.00	32.55 -0.70 0.00	33.17 -0.68 0.00	34.69 -0.39 0.00	35.70 -0.65 0.00	36.17 -0.66 0.00	39.67 -0.98 0.00	40.95 -1.97 0.00	40.35 -1.99 0.00	39.20 -2.19 0.00	37.46 -2.14 0.00	36.93 -2.44 0.00	38.61 -2.42 0.00	41.08 -2.86 0.00	45.16 -3.30 0.00	48.37 -3.09 0.00	49.63 -5.39 -0.03	47.71 -2.99 0.00	34.61 -4.21 -0.87	35.94 -2.42 0.00	29.29 -3.58 -0.05
COFFEEN___115KV_TB3 355620	35.66 -0.11 0.00	33.85 -0.14 0.00	32.75 -0.10 0.00	32.75 -0.16 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.97 -0.11 0.00	36.03 -0.33 0.00	36.17 -0.66 0.00	39.55 -1.10 0.00	41.63 -1.29 0.00	40.85 -1.48 0.00	39.86 -1.53 0.00	38.01 -1.58 0.00	37.76 -1.61 0.00	39.51 -1.52 0.00	42.57 -1.36 0.00	47.34 -1.11 0.00	50.89 -0.57 0.00	54.83 -0.16 -0.01	49.94 -0.76 0.00	37.67 -0.53 -0.24	37.74 -0.61 0.00	32.14 -0.69 -0.02
COLDSPRG_115KV_BK1 355956	36.13 0.36 0.00	34.15 0.17 0.00	33.08 0.23 0.00	32.55 -0.36 0.00	33.25 0.00 0.00	33.85 0.00 0.00	35.39 0.32 0.00	36.32 -0.04 0.00	36.84 0.00 0.00	40.45 -0.20 0.00	41.80 -1.12 0.00	41.19 -1.14 0.00	39.90 -1.49 0.00	38.13 -1.47 0.00	37.44 -1.93 0.00	39.10 -1.93 0.00	41.47 -2.46 0.00	45.60 -2.86 0.00	48.78 -2.68 0.00	50.34 -4.67 -0.03	47.97 -2.74 0.00	35.30 -3.49 -0.84	36.21 -2.15 0.00	29.94 -2.92 -0.05
COLONIE_LFGE___ 323577	36.88 1.11 0.00	35.07 1.09 0.00	33.90 1.05 0.00	33.97 1.05 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.74 1.38 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.38 1.78 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.03 2.57 0.00	57.89 2.69 -0.22	53.24 2.53 0.00	45.51 1.90 -5.66	40.31 1.96 0.00	34.68 1.51 -0.36
COOPERNY_115KV_TB1 80082	36.27 0.50 0.00	34.53 0.54 0.00	33.31 0.46 0.00	33.41 0.49 0.00	33.71 0.47 0.00	34.32 0.47 0.00	35.60 0.53 0.00	37.08 0.73 0.00	37.57 0.74 0.00	41.46 0.81 0.00	43.82 0.90 0.00	43.22 0.89 0.00	42.26 0.87 0.00	40.47 0.87 0.00	40.32 0.94 0.00	42.02 0.98 0.00	45.08 1.14 0.00	49.77 1.31 0.00	53.00 1.54 0.00	56.93 1.81 -0.13	52.38 1.67 0.00	42.55 1.14 -3.45	39.47 1.11 0.00	33.85 0.82 -0.22
COPENHAGEN_WT_PWR 323753	35.48 -0.29 0.00	33.68 -0.31 0.00	32.58 -0.26 0.00	32.59 -0.33 0.00	32.95 -0.30 0.00	33.51 -0.34 0.00	34.79 -0.28 0.00	35.85 -0.51 0.00	36.06 -0.78 0.00	39.47 -1.18 0.00	41.59 -1.33 0.00	40.81 -1.52 0.00	39.82 -1.57 0.00	38.01 -1.59 0.00	37.75 -1.62 0.00	39.47 -1.56 0.00	42.49 -1.45 0.00	47.15 -1.31 0.00	50.63 -0.83 0.00	54.44 -0.55 -0.01	49.64 -1.07 0.00	37.48 -0.72 -0.25	37.55 -0.81 0.00	32.01 -0.82 -0.02
CORNELL_____ 23752	36.41 0.64 0.00	34.53 0.54 0.00	33.34 0.49 0.00	33.34 0.43 0.00	33.75 0.50 0.00	34.39 0.54 0.00	35.70 0.63 0.00	36.90 0.55 0.00	37.35 0.52 0.00	41.14 0.49 0.00	43.13 0.21 0.00	42.42 0.08 0.00	41.39 0.00 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.60 0.15 0.00	51.92 0.46 0.00	55.24 0.22 -0.04	50.96 0.25 0.00	39.09 0.11 -1.02	38.51 0.15 0.00	32.91 0.03 -0.06

CORONA_69_KV_TB1 355595	37.27 1.50 0.00	35.58 1.60 0.00	33.87 1.02 0.00	33.87 0.95 0.00	34.18 0.93 0.00	34.69 0.85 0.00	36.05 0.98 0.00	37.84 1.49 0.00	37.98 1.14 0.00	42.36 1.71 0.00	45.11 2.19 0.00	44.62 2.29 0.00	43.59 2.19 0.00	41.97 2.38 0.00	42.01 2.64 0.00	43.62 2.58 0.00	46.88 2.94 0.00	51.46 3.00 0.00	54.54 3.09 0.00	59.12 3.96 -0.18	54.30 3.60 0.00	45.33 2.77 -4.60	40.96 2.61 0.00	35.10 2.00 -0.29
CORTLAND_115KV_TB3 80093	36.09 0.32 0.00	34.25 0.27 0.00	33.08 0.23 0.00	33.11 0.20 0.00	33.48 0.23 0.00	34.12 0.27 0.00	35.42 0.35 0.00	36.61 0.25 0.00	37.06 0.22 0.00	40.85 0.20 0.00	42.92 0.00 0.00	42.25 -0.08 0.00	41.27 -0.12 0.00	39.40 -0.20 0.00	39.13 -0.24 0.00	40.87 -0.16 0.00	43.76 -0.18 0.00	48.36 -0.10 0.00	51.56 0.10 0.00	54.91 -0.11 -0.03	50.70 0.00 0.00	38.71 -0.08 -0.83	38.32 -0.04 0.00	32.77 -0.10 -0.05
COXSACKIE___GT 23611	37.45 1.68 0.00	35.65 1.66 0.00	34.36 1.51 0.00	34.43 1.51 0.00	34.81 1.56 0.00	35.61 1.76 0.00	36.86 1.79 0.00	38.32 1.96 0.00	38.71 1.88 0.00	42.60 1.95 0.00	45.63 2.71 0.00	44.87 2.54 0.00	43.87 2.48 0.00	41.97 2.38 0.00	41.81 2.44 0.00	43.62 2.59 0.00	46.88 2.94 0.00	51.99 3.54 0.00	55.73 4.27 0.00	59.81 4.62 -0.20	55.01 4.31 0.00	45.79 2.50 -5.33	41.58 3.22 0.00	34.98 1.84 -0.33
CPV_VALLEY___CC1 323721	36.27 0.50 0.00	34.49 0.51 0.00	33.31 0.46 0.00	33.41 0.49 0.00	33.71 0.47 0.00	34.29 0.44 0.00	35.60 0.53 0.00	37.15 0.80 0.00	37.61 0.77 0.00	41.59 0.94 0.00	43.91 0.99 0.00	43.35 1.01 0.00	42.38 0.99 0.00	40.63 1.03 0.00	40.47 1.10 0.00	42.18 1.15 0.00	45.25 1.32 0.00	50.05 1.60 0.00	53.26 1.80 0.00	57.22 2.09 -0.15	52.73 2.03 0.00	43.24 1.33 -3.96	39.66 1.30 0.00	34.01 0.95 -0.25
CPV_VALLEY___CC2 323722	36.27 0.50 0.00	34.49 0.51 0.00	33.31 0.46 0.00	33.41 0.49 0.00	33.71 0.47 0.00	34.29 0.44 0.00	35.60 0.53 0.00	37.15 0.80 0.00	37.61 0.77 0.00	41.59 0.94 0.00	43.91 0.99 0.00	43.35 1.01 0.00	42.38 0.99 0.00	40.63 1.03 0.00	40.47 1.10 0.00	42.18 1.15 0.00	45.25 1.32 0.00	50.05 1.60 0.00	53.26 1.80 0.00	57.22 2.09 -0.15	52.73 2.03 0.00	43.24 1.33 -3.96	39.66 1.30 0.00	34.01 0.95 -0.25
CRESCENT___HYD 24018	36.88 1.11 0.00	35.07 1.09 0.00	33.90 1.05 0.00	33.97 1.05 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.74 1.38 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.38 1.78 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.03 2.57 0.00	57.89 2.69 -0.22	53.24 2.53 0.00	45.51 1.90 -5.66	40.31 1.96 0.00	34.68 1.51 -0.36
CRICKET___VALLEY_CC1 323756	36.70 0.93 0.00	34.93 0.95 0.00	33.74 0.89 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.69 0.85 0.00	36.05 0.98 0.00	37.66 1.31 0.00	38.09 1.25 0.00	42.11 1.46 0.00	44.46 1.54 0.00	43.94 1.61 0.00	43.00 1.61 0.00	41.30 1.70 0.00	41.14 1.77 0.00	42.88 1.85 0.00	45.96 2.02 0.00	50.78 2.33 0.00	53.98 2.52 0.00	57.97 2.80 -0.18	53.39 2.69 0.00	44.70 1.93 -4.81	40.31 1.96 0.00	34.62 1.51 -0.30
CRICKET___VALLEY_CC2 323757	36.70 0.93 0.00	34.93 0.95 0.00	33.74 0.89 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.69 0.85 0.00	36.05 0.98 0.00	37.66 1.31 0.00	38.09 1.25 0.00	42.11 1.46 0.00	44.46 1.54 0.00	43.94 1.61 0.00	43.00 1.61 0.00	41.30 1.70 0.00	41.14 1.77 0.00	42.88 1.85 0.00	45.96 2.02 0.00	50.78 2.33 0.00	53.98 2.52 0.00	57.97 2.80 -0.18	53.39 2.69 0.00	44.70 1.93 -4.81	40.31 1.96 0.00	34.62 1.51 -0.30
CRICKET___VALLEY_CC3 323758	36.70 0.93 0.00	34.93 0.95 0.00	33.74 0.89 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.69 0.85 0.00	36.05 0.98 0.00	37.66 1.31 0.00	38.09 1.25 0.00	42.11 1.46 0.00	44.46 1.54 0.00	43.94 1.61 0.00	43.00 1.61 0.00	41.30 1.70 0.00	41.14 1.77 0.00	42.88 1.85 0.00	45.96 2.02 0.00	50.78 2.33 0.00	53.98 2.52 0.00	57.97 2.80 -0.18	53.39 2.69 0.00	44.70 1.93 -4.81	40.31 1.96 0.00	34.62 1.51 -0.30
CRUCIBLE_METL_DRP 24180	35.77 0.00 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.78 -0.13 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.65 -0.18 0.00	40.49 -0.16 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.12 -0.48 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	50.94 -0.51 0.00	54.29 -0.71 -0.02	50.10 -0.61 0.00	38.04 -0.38 -0.47	37.97 -0.38 0.00	32.58 -0.26 -0.03
DAHOWA___HYDRO 323763	37.27 1.50 0.00	35.38 1.39 0.00	34.23 1.38 0.00	34.33 1.41 0.00	34.68 1.43 0.00	35.37 1.52 0.00	36.69 1.61 0.00	38.21 1.85 0.00	38.60 1.77 0.00	42.64 1.99 0.00	45.02 2.10 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.46 2.09 0.00	43.16 2.13 0.00	46.31 2.37 0.00	51.12 2.66 0.00	54.54 3.09 0.00	58.50 3.30 -0.22	53.69 2.99 0.00	45.82 2.12 -5.74	40.58 2.22 0.00	34.84 1.67 -0.36
DANC___LFGE 323619	35.27 -0.50 0.00	33.51 -0.48 0.00	32.39 -0.46 0.00	32.39 -0.53 0.00	32.75 -0.50 0.00	33.34 -0.51 0.00	34.62 -0.46 0.00	35.70 -0.65 0.00	35.99 -0.85 0.00	39.51 -1.14 0.00	41.59 -1.33 0.00	40.90 -1.44 0.00	39.94 -1.45 0.00	38.09 -1.50 0.00	37.83 -1.54 0.00	39.51 -1.52 0.00	42.49 -1.45 0.00	47.05 -1.41 0.00	50.32 -1.13 0.00	54.01 -0.99 -0.01	49.44 -1.27 0.00	37.38 -0.87 -0.29	37.44 -0.92 0.00	31.98 -0.85 -0.02
DANSKAMMER___1 23586	36.95 1.18 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.00 1.08 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.85 1.93 0.00	44.28 1.95 0.00	43.34 1.95 0.00	41.54 1.94 0.00	41.38 2.01 0.00	43.12 2.09 0.00	46.26 2.33 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.57 3.41 -0.17	54.00 3.29 0.00	44.73 2.20 -4.57	40.58 2.22 0.00	34.77 1.67 -0.29
DANSKAMMER___2 23589	36.95 1.18 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.00 1.08 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.85 1.93 0.00	44.28 1.95 0.00	43.34 1.95 0.00	41.54 1.94 0.00	41.38 2.01 0.00	43.12 2.09 0.00	46.26 2.33 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.57 3.41 -0.17	54.00 3.29 0.00	44.73 2.20 -4.57	40.58 2.22 0.00	34.77 1.67 -0.29
DANSKAMMER___3 23590	36.95 1.18 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.00 1.08 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.85 1.93 0.00	44.28 1.95 0.00	43.34 1.95 0.00	41.54 1.94 0.00	41.38 2.01 0.00	43.12 2.09 0.00	46.26 2.33 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.57 3.41 -0.17	54.00 3.29 0.00	44.73 2.20 -4.57	40.58 2.22 0.00	34.77 1.67 -0.29

DANSKAMMER___4 23591	36.95 1.18 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.00 1.08 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.85 1.93 0.00	44.28 1.95 0.00	43.34 1.95 0.00	41.54 1.94 0.00	41.38 2.01 0.00	43.12 2.09 0.00	46.26 2.33 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.57 3.41 -0.17	54.00 3.29 0.00	44.73 2.20 -4.57	40.58 2.22 0.00	34.77 1.67 -0.29
DANSKAMMER___DIESEL 23592	36.95 1.18 0.00	35.20 1.22 0.00	33.90 1.05 0.00	34.00 1.09 0.00	34.31 1.06 0.00	34.96 1.12 0.00	36.26 1.19 0.00	37.92 1.56 0.00	38.42 1.58 0.00	42.44 1.79 0.00	44.89 1.97 0.00	44.32 1.99 0.00	43.34 1.95 0.00	41.54 1.94 0.00	41.38 2.01 0.00	43.12 2.09 0.00	46.31 2.37 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.73 3.57 -0.17	54.00 3.30 0.00	44.77 2.24 -4.57	40.58 2.22 0.00	34.74 1.64 -0.29
DARBY___SOLAR 323810	37.27 1.50 0.00	35.38 1.39 0.00	34.23 1.38 0.00	34.33 1.41 0.00	34.68 1.43 0.00	35.33 1.49 0.00	36.65 1.58 0.00	38.17 1.82 0.00	38.57 1.73 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.41 2.07 0.00	43.42 2.03 0.00	41.66 2.06 0.00	41.42 2.05 0.00	43.16 2.13 0.00	46.26 2.33 0.00	51.07 2.61 0.00	54.49 3.04 0.00	58.45 3.24 -0.22	53.64 2.94 0.00	45.81 2.12 -5.73	40.54 2.19 0.00	34.84 1.67 -0.36
DASHVILLE___HYD 23610	36.84 1.07 0.00	35.10 1.12 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.86 1.02 0.00	36.16 1.09 0.00	37.70 1.35 0.00	38.16 1.33 0.00	42.15 1.50 0.00	44.55 1.63 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.18 1.58 0.00	41.02 1.65 0.00	42.75 1.72 0.00	45.91 1.98 0.00	50.78 2.33 0.00	54.13 2.68 0.00	58.30 3.13 -0.18	53.64 2.94 0.00	44.06 1.40 -4.70	40.39 2.03 0.00	34.03 0.92 -0.30
DEERFIELD_69_KV_DEERFIELD LD 355887	36.84 1.07 0.00	35.92 1.94 0.00	33.83 0.99 0.00	33.74 0.82 0.00	34.08 0.83 0.00	34.15 0.30 0.00	35.28 0.21 0.00	37.19 0.84 0.00	37.02 0.18 0.00	41.58 0.93 0.00	44.21 1.29 0.00	43.69 1.35 0.00	42.59 1.20 0.00	41.10 1.50 0.00	41.89 2.52 0.00	43.25 2.22 0.00	46.40 2.46 0.00	51.07 2.62 0.00	53.62 2.16 0.00	58.51 3.35 -0.18	53.85 3.14 0.00	45.22 2.66 -4.60	40.93 2.57 0.00	35.27 2.17 -0.29
DELAWARE___LFGE 323621	36.52 0.75 0.00	34.73 0.75 0.00	33.57 0.72 0.00	33.67 0.76 0.00	34.04 0.80 0.00	34.63 0.78 0.00	35.91 0.84 0.00	37.26 0.91 0.00	37.72 0.88 0.00	41.58 0.93 0.00	43.86 0.94 0.00	43.27 0.93 0.00	42.26 0.87 0.00	40.43 0.83 0.00	40.24 0.87 0.00	41.93 0.90 0.00	44.99 1.05 0.00	49.67 1.21 0.00	52.95 1.49 0.00	56.60 1.54 -0.08	52.12 1.42 0.00	40.88 0.95 -1.98	39.35 1.00 0.00	33.62 0.69 -0.12
DERFIELD_115KV_TB7 355931	35.84 0.07 0.00	34.08 0.10 0.00	32.95 0.10 0.00	33.01 0.10 0.00	33.35 0.10 0.00	33.95 0.10 0.00	35.18 0.11 0.00	36.46 0.11 0.00	36.91 0.07 0.00	40.73 0.08 0.00	43.05 0.13 0.00	42.46 0.13 0.00	41.52 0.12 0.00	39.72 0.12 0.00	39.49 0.12 0.00	41.15 0.12 0.00	44.11 0.18 0.00	48.65 0.19 0.00	51.77 0.31 0.00	55.31 0.33 0.00	50.96 0.25 0.00	38.15 0.19 0.00	38.59 0.23 0.00	32.94 0.13 0.00
DOGLEVILLE___HYD 23807	35.24 -0.54 0.00	33.44 -0.55 0.00	32.29 -0.56 0.00	32.32 -0.59 0.00	32.55 -0.70 0.00	33.07 -0.78 0.00	34.23 -0.84 0.00	35.45 -0.91 0.00	35.84 -0.99 0.00	39.55 -1.10 0.00	41.89 -1.03 0.00	41.28 -1.06 0.00	40.36 -1.03 0.00	38.61 -0.99 0.00	38.39 -0.98 0.00	40.01 -1.02 0.00	42.79 -1.14 0.00	47.20 -1.26 0.00	50.17 -1.28 0.00	53.66 -1.32 0.00	49.39 -1.32 0.00	37.01 -0.95 0.00	37.40 -0.96 0.00	31.99 -0.82 0.00
DUNKIRK___115KV_TB_200 55889	35.66 -0.11 0.00	33.68 -0.31 0.00	32.59 -0.26 0.00	32.09 -0.82 0.00	32.75 -0.50 0.00	33.41 -0.44 0.00	34.90 -0.18 0.00	35.74 -0.62 0.00	36.21 -0.63 0.00	39.76 -0.89 0.00	41.12 -1.80 0.00	40.51 -1.82 0.00	39.32 -2.07 0.00	37.54 -2.06 0.00	36.93 -2.44 0.00	38.61 -2.42 0.00	40.86 -3.08 0.00	44.87 -3.59 0.00	48.01 -3.45 0.00	50.01 -5.00 -0.03	47.26 -3.45 0.00	35.29 -3.45 -0.79	35.71 -2.65 0.00	30.04 -2.82 -0.05
DUNKIRK___1 23563	35.66 -0.11 0.00	33.68 -0.31 0.00	32.59 -0.26 0.00	32.09 -0.82 0.00	32.75 -0.50 0.00	33.41 -0.44 0.00	34.90 -0.18 0.00	35.74 -0.62 0.00	36.21 -0.63 0.00	39.76 -0.89 0.00	41.12 -1.80 0.00	40.51 -1.82 0.00	39.32 -2.07 0.00	37.54 -2.06 0.00	36.93 -2.44 0.00	38.61 -2.42 0.00	40.86 -3.08 0.00	44.87 -3.59 0.00	48.01 -3.45 0.00	50.01 -5.00 -0.03	47.26 -3.45 0.00	35.29 -3.45 -0.79	35.71 -2.65 0.00	30.04 -2.82 -0.05
DUNKIRK___2 23564	35.66 -0.11 0.00	33.68 -0.31 0.00	32.59 -0.26 0.00	32.09 -0.82 0.00	32.75 -0.50 0.00	33.41 -0.44 0.00	34.90 -0.18 0.00	35.74 -0.62 0.00	36.21 -0.63 0.00	39.76 -0.89 0.00	41.12 -1.80 0.00	40.51 -1.82 0.00	39.32 -2.07 0.00	37.54 -2.06 0.00	36.93 -2.44 0.00	38.61 -2.42 0.00	40.86 -3.08 0.00	44.87 -3.59 0.00	48.01 -3.45 0.00	50.01 -5.00 -0.03	47.26 -3.45 0.00	35.29 -3.45 -0.79	35.71 -2.65 0.00	30.04 -2.82 -0.05
DUNKIRK___3 23565	35.48 -0.29 0.00	33.47 -0.51 0.00	32.42 -0.43 0.00	31.96 -0.95 0.00	32.65 -0.60 0.00	33.27 -0.58 0.00	34.76 -0.32 0.00	35.63 -0.73 0.00	36.10 -0.74 0.00	39.63 -1.02 0.00	40.99 -1.93 0.00	40.39 -1.95 0.00	39.24 -2.15 0.00	37.46 -2.14 0.00	36.89 -2.48 0.00	38.57 -2.46 0.00	40.86 -3.08 0.00	44.82 -3.63 0.00	47.96 -3.50 0.00	49.96 -5.06 -0.03	47.26 -3.45 0.00	35.29 -3.45 -0.78	35.71 -2.65 0.00	30.04 -2.82 -0.05
DUNKIRK___4 23566	35.48 -0.29 0.00	33.47 -0.51 0.00	32.42 -0.43 0.00	31.96 -0.95 0.00	32.65 -0.60 0.00	33.27 -0.58 0.00	34.76 -0.32 0.00	35.63 -0.73 0.00	36.10 -0.74 0.00	39.63 -1.02 0.00	40.99 -1.93 0.00	40.39 -1.95 0.00	39.24 -2.15 0.00	37.46 -2.14 0.00	36.89 -2.48 0.00	38.57 -2.46 0.00	40.86 -3.08 0.00	44.82 -3.63 0.00	47.96 -3.50 0.00	49.96 -5.06 -0.03	47.26 -3.45 0.00	35.29 -3.45 -0.78	35.71 -2.65 0.00	30.04 -2.82 -0.05
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.92 1.14 0.00	35.14 1.16 0.00	33.83 0.99 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.23 1.16 0.00	37.95 1.60 0.00	38.46 1.62 0.00	42.52 1.87 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.54 2.17 0.00	43.25 2.22 0.00	46.44 2.50 0.00	51.32 2.86 0.00	54.65 3.19 0.00	59.01 3.85 -0.18	54.15 3.45 0.00	44.91 2.35 -4.60	40.62 2.26 0.00	34.84 1.74 -0.29
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.70 0.93 0.00	34.93 0.95 0.00	33.67 0.82 0.00	33.77 0.86 0.00	34.08 0.83 0.00	34.69 0.85 0.00	36.02 0.95 0.00	37.63 1.27 0.00	38.13 1.29 0.00	42.11 1.46 0.00	44.51 1.59 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.18 1.58 0.00	41.02 1.65 0.00	42.71 1.68 0.00	45.91 1.98 0.00	50.74 2.28 0.00	54.08 2.62 0.00	58.23 3.08 -0.17	53.54 2.84 0.00	44.28 1.90 -4.42	40.24 1.88 0.00	34.47 1.38 -0.28

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.14 1.36 -0.01	35.35 1.36 -0.01	34.04 1.18 -0.01	34.11 1.18 -0.01	34.42 1.16 -0.01	34.90 1.05 0.00	36.26 1.19 0.00	38.05 1.71 0.01	38.56 1.73 0.01	42.67 2.03 0.01	45.14 2.23 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.65 2.28 0.01	43.36 2.34 0.01	46.56 2.64 0.01	51.46 3.00 0.00	54.70 3.24 0.00	59.17 4.01 -0.18	54.30 3.60 0.00	45.06 2.51 -4.60	40.78 2.42 -0.01	34.95 1.84 -0.30
E179THST_13_KV_LOAD 356214	37.25 1.47 -0.01	35.48 1.50 -0.01	34.14 1.28 -0.01	34.21 1.28 -0.01	34.52 1.26 -0.01	35.00 1.15 0.00	36.37 1.30 0.00	38.20 1.85 0.01	38.71 1.88 0.01	42.84 2.20 0.01	45.32 2.40 0.01	44.78 2.46 0.01	43.78 2.40 0.01	41.97 2.38 0.01	41.80 2.44 0.01	43.57 2.54 0.01	46.74 2.81 0.01	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.56 3.85 0.00	45.21 2.66 -4.60	40.93 2.57 -0.01	35.08 1.97 -0.30
EAST HAMPTON___GT 23717	36.63 0.86 0.00	35.27 1.29 0.00	33.64 0.79 0.00	33.57 0.66 0.00	33.68 0.43 0.00	33.58 -0.27 0.00	35.11 0.04 0.00	37.04 0.69 0.00	36.84 0.00 0.00	41.59 0.94 0.00	43.60 0.68 0.00	43.18 0.85 0.00	42.09 0.70 0.00	40.59 0.99 0.00	41.38 2.01 0.00	42.71 1.68 0.00	45.78 1.84 0.00	50.54 2.08 0.00	53.10 1.65 0.00	57.69 2.53 -0.18	53.54 2.84 0.00	44.49 1.93 -4.60	40.62 2.26 0.00	35.17 2.07 -0.29
EAST RIVER___6 23660	36.99 1.22 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.04 1.12 0.00	34.28 1.03 0.00	34.86 1.01 0.00	36.30 1.23 0.00	38.10 1.74 0.00	38.57 1.73 0.00	42.72 2.07 0.00	45.11 2.19 0.00	44.62 2.28 0.00	43.62 2.23 0.00	41.81 2.22 0.00	41.65 2.28 0.00	43.41 2.38 0.00	46.57 2.64 0.00	51.51 3.05 0.00	54.85 3.40 0.00	59.06 3.90 -0.18	54.40 3.70 0.00	45.02 2.47 -4.60	40.77 2.42 0.00	34.97 1.87 -0.29
EAST RIVER___7 23524	36.99 1.22 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.04 1.12 0.00	34.28 1.03 0.00	34.86 1.01 0.00	36.30 1.23 0.00	38.10 1.74 0.00	38.57 1.73 0.00	42.72 2.07 0.00	45.11 2.19 0.00	44.62 2.28 0.00	43.62 2.23 0.00	41.81 2.22 0.00	41.65 2.28 0.00	43.41 2.38 0.00	46.57 2.64 0.00	51.51 3.05 0.00	54.85 3.40 0.00	59.06 3.90 -0.18	54.40 3.70 0.00	45.02 2.47 -4.60	40.77 2.42 0.00	34.97 1.87 -0.29
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.88 1.11 0.00	35.10 1.12 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.21 0.96 0.00	34.80 0.95 0.00	36.19 1.12 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.34 1.95 0.00	41.58 1.98 0.00	41.42 2.05 0.00	43.16 2.13 0.00	46.31 2.37 0.00	51.22 2.76 0.00	54.49 3.04 0.00	58.84 3.68 -0.17	54.05 3.35 0.00	44.83 2.28 -4.59	40.54 2.19 0.00	34.77 1.67 -0.29
EAST_HAMPTON___DIESEL 23722	36.56 0.79 0.00	35.20 1.22 0.00	33.57 0.72 0.00	33.51 0.59 0.00	33.61 0.37 0.00	33.54 -0.31 0.00	35.04 -0.04 0.00	36.97 0.62 0.00	36.76 -0.07 0.00	41.50 0.85 0.00	43.52 0.60 0.00	43.05 0.72 0.00	42.01 0.62 0.00	40.51 0.91 0.00	41.26 1.89 0.00	42.63 1.60 0.00	45.65 1.71 0.00	50.45 1.99 0.00	53.00 1.54 0.00	57.58 2.42 -0.18	53.44 2.74 0.00	44.46 1.90 -4.60	40.58 2.22 0.00	35.14 2.04 -0.29
EAST_POINT___SOLAR 323840	38.35 2.58 0.00	36.32 2.34 0.00	35.21 2.37 0.00	35.25 2.34 0.00	35.64 2.40 0.00	36.42 2.57 0.00	37.56 2.49 0.00	38.90 2.54 0.00	39.01 2.17 0.00	42.64 1.99 0.00	44.55 1.63 0.00	43.98 1.65 0.00	43.38 1.99 0.00	41.50 1.90 0.00	41.10 1.73 0.00	42.88 1.85 0.00	46.53 2.59 0.00	51.90 3.44 0.00	55.83 4.37 0.00	59.89 4.67 -0.24	54.86 4.16 0.00	47.20 2.96 -6.28	41.39 3.03 0.00	35.50 2.30 -0.39
EAST_PULASKI___ESR 323781	35.24 -0.54 0.00	33.40 -0.58 0.00	32.29 -0.56 0.00	32.32 -0.59 0.00	32.68 -0.57 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.66 -0.69 0.00	36.03 -0.81 0.00	39.67 -0.98 0.00	41.76 -1.16 0.00	41.11 -1.23 0.00	40.15 -1.24 0.00	38.29 -1.31 0.00	38.03 -1.34 0.00	39.72 -1.31 0.00	42.57 -1.36 0.00	47.05 -1.41 0.00	50.22 -1.24 0.00	53.68 -1.32 -0.01	49.39 -1.32 0.00	37.38 -0.91 -0.33	37.44 -0.92 0.00	32.08 -0.75 -0.02
EAST_RIVER___1 323558	36.95 1.18 0.00	35.14 1.16 0.00	33.87 1.02 0.00	34.00 1.08 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.27 1.19 0.00	38.03 1.67 0.00	38.53 1.70 0.00	42.68 2.03 0.00	45.07 2.15 0.00	44.53 2.20 0.00	43.58 2.19 0.00	41.77 2.18 0.00	41.61 2.24 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.01 0.00	54.80 3.34 0.00	59.06 3.90 -0.18	54.36 3.65 0.00	44.99 2.43 -4.60	40.74 2.38 0.00	34.94 1.84 -0.29
EAST_RIVER___2 323559	36.99 1.22 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.04 1.12 0.00	34.28 1.03 0.00	34.86 1.01 0.00	36.30 1.23 0.00	38.10 1.74 0.00	38.57 1.73 0.00	42.72 2.07 0.00	45.11 2.19 0.00	44.62 2.28 0.00	43.62 2.23 0.00	41.81 2.22 0.00	41.65 2.28 0.00	43.41 2.38 0.00	46.57 2.64 0.00	51.51 3.05 0.00	54.85 3.40 0.00	59.06 3.90 -0.18	54.40 3.70 0.00	45.02 2.47 -4.60	40.77 2.42 0.00	34.97 1.87 -0.29
EAST___DELAWARE_HYD 23607	36.67 0.89 0.00	34.90 0.92 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.04 0.80 0.00	34.66 0.81 0.00	35.98 0.91 0.00	37.52 1.16 0.00	38.02 1.18 0.00	41.95 1.30 0.00	44.25 1.33 0.00	43.65 1.31 0.00	42.63 1.24 0.00	40.87 1.27 0.00	40.71 1.34 0.00	42.43 1.40 0.00	45.56 1.63 0.00	50.45 1.99 0.00	53.88 2.42 0.00	57.89 2.75 -0.16	53.34 2.63 0.00	43.84 1.71 -4.17	40.04 1.69 0.00	34.25 1.18 -0.26
EIGHT_POINT___WT_PWR 323820	35.99 0.22 0.00	34.02 0.03 0.00	32.75 -0.10 0.00	32.52 -0.39 0.00	33.02 -0.23 0.00	33.65 -0.20 0.00	35.11 0.04 0.00	35.99 -0.36 0.00	36.54 -0.30 0.00	40.04 -0.61 0.00	41.54 -1.38 0.00	40.47 -1.86 0.00	38.95 -2.44 0.00	36.98 -2.61 0.00	36.58 -2.79 0.00	38.32 -2.71 0.00	41.03 -2.90 0.00	45.55 -2.91 0.00	48.68 -2.78 0.00	51.28 -3.74 -0.04	47.46 -3.25 0.00	35.91 -3.00 -0.95	35.06 -3.30 0.00	29.72 -3.15 -0.06
ELBRIDGE_115KV_TB2 80188	35.59 -0.18 0.00	33.74 -0.24 0.00	32.62 -0.23 0.00	32.62 -0.30 0.00	33.01 -0.23 0.00	33.64 -0.20 0.00	34.93 -0.14 0.00	36.06 -0.29 0.00	36.51 -0.33 0.00	40.28 -0.37 0.00	42.36 -0.56 0.00	41.74 -0.59 0.00	40.81 -0.58 0.00	38.89 -0.71 0.00	38.62 -0.75 0.00	40.33 -0.70 0.00	43.14 -0.79 0.00	47.59 -0.87 0.00	50.63 -0.82 0.00	53.96 -1.04 -0.02	49.84 -0.86 0.00	37.84 -0.61 -0.49	37.78 -0.58 0.00	32.42 -0.43 -0.03
ELEC_TRO_TEK 24086	37.09 1.32 0.00	35.41 1.43 0.00	33.70 0.85 0.00	33.71 0.79 0.00	34.01 0.76 0.00	34.49 0.64 0.00	35.84 0.77 0.00	37.63 1.27 0.00	37.79 0.96 0.00	42.11 1.46 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.34 1.95 0.00	41.74 2.14 0.00	41.77 2.40 0.00	43.37 2.34 0.00	46.62 2.68 0.00	51.22 2.76 0.00	54.24 2.78 0.00	58.79 3.63 -0.18	54.05 3.35 0.00	45.10 2.54 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29

ELLENBURG_WT_PWR 323604	35.99 0.22 0.00	34.25 0.27 0.00	33.11 0.26 0.00	33.24 0.33 0.00	33.54 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.91 0.07 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.29 -0.04 0.00	41.39 0.00 0.00	39.72 0.12 0.00	39.37 0.00 0.00	40.99 -0.04 0.00	43.89 -0.04 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.72 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.32 -1.03 0.00	31.89 -0.92 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.95 -0.82 0.00	32.93 -1.05 0.00	31.93 -0.92 0.00	31.50 -1.42 0.00	32.25 -1.00 0.00	32.93 -0.91 0.00	34.41 -0.67 0.00	35.15 -1.20 0.00	35.58 -1.25 0.00	39.15 -1.50 0.00	40.52 -2.40 0.00	39.96 -2.37 0.00	38.91 -2.48 0.00	37.22 -2.38 0.00	36.69 -2.68 0.00	38.36 -2.67 0.00	40.46 -3.47 0.00	44.29 -4.17 0.00	47.34 -4.12 0.00	49.51 -5.50 -0.03	46.65 -4.06 0.00	35.19 -3.49 -0.73	35.48 -2.88 0.00	30.13 -2.72 -0.05
EMPIRE_CC_1 323656	36.56 0.79 0.00	34.76 0.78 0.00	33.60 0.76 0.00	33.70 0.79 0.00	34.04 0.80 0.00	34.63 0.78 0.00	35.95 0.88 0.00	37.41 1.05 0.00	37.83 0.99 0.00	41.79 1.14 0.00	44.33 1.41 0.00	43.82 1.48 0.00	42.88 1.49 0.00	41.18 1.59 0.00	40.99 1.61 0.00	42.67 1.64 0.00	45.69 1.76 0.00	50.45 1.99 0.00	53.62 2.16 0.00	57.50 2.31 -0.21	52.88 2.18 0.00	45.01 1.67 -5.39	40.12 1.77 0.00	34.53 1.38 -0.34
EMPIRE_CC_2 323658	36.56 0.79 0.00	34.76 0.78 0.00	33.60 0.76 0.00	33.70 0.79 0.00	34.04 0.80 0.00	34.63 0.78 0.00	35.95 0.88 0.00	37.41 1.05 0.00	37.83 0.99 0.00	41.79 1.14 0.00	44.33 1.41 0.00	43.82 1.48 0.00	42.88 1.49 0.00	41.18 1.59 0.00	40.99 1.61 0.00	42.67 1.64 0.00	45.69 1.76 0.00	50.45 1.99 0.00	53.62 2.16 0.00	57.50 2.31 -0.21	52.88 2.18 0.00	45.01 1.67 -5.39	40.12 1.77 0.00	34.53 1.38 -0.34
ENORWICH_115KV_TB1 80156	37.85 2.07 0.00	35.95 1.97 0.00	34.75 1.91 0.00	34.66 1.74 0.00	35.07 1.83 0.00	35.68 1.83 0.00	37.11 2.03 0.00	38.24 1.89 0.00	38.64 1.81 0.00	42.32 1.67 0.00	44.51 1.59 0.00	43.60 1.27 0.00	42.38 0.99 0.00	40.43 0.83 0.00	40.16 0.79 0.00	42.02 0.98 0.00	45.21 1.27 0.00	50.11 1.65 0.00	53.77 2.32 0.00	57.29 2.25 -0.05	52.28 1.57 0.00	40.36 0.99 -1.41	39.39 1.04 0.00	33.49 0.59 -0.09
ERIE_ST__34_KV_TB1-2 80199	35.34 -0.43 0.00	33.34 -0.65 0.00	32.32 -0.53 0.00	31.90 -1.02 0.00	32.65 -0.60 0.00	33.31 -0.54 0.00	34.83 -0.25 0.00	35.63 -0.73 0.00	36.10 -0.74 0.00	39.67 -0.98 0.00	41.03 -1.89 0.00	40.47 -1.86 0.00	39.36 -2.03 0.00	37.66 -1.94 0.00	37.13 -2.24 0.00	38.86 -2.17 0.00	41.08 -2.86 0.00	45.02 -3.44 0.00	48.16 -3.29 0.00	49.68 -5.33 -0.03	47.41 -3.30 0.00	34.96 -3.76 -0.76	35.98 -2.38 0.00	29.81 -3.05 -0.05
ERIE_WT_PWR 323693	35.20 -0.57 0.00	33.30 -0.68 0.00	32.19 -0.66 0.00	31.73 -1.18 0.00	32.48 -0.76 0.00	33.17 -0.68 0.00	34.65 -0.42 0.00	35.41 -0.95 0.00	36.03 -0.81 0.00	39.43 -1.22 0.00	41.03 -1.89 0.00	40.39 -1.95 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.97 -2.40 0.00	38.65 -2.38 0.00	40.77 -3.16 0.00	44.58 -3.88 0.00	47.65 -3.81 0.00	49.51 -5.50 -0.03	46.90 -3.80 0.00	35.25 -3.45 -0.75	35.67 -2.69 0.00	30.10 -2.76 -0.05
ESPRGFLD_115KV_TB1 80157	37.45 1.68 0.00	35.54 1.56 0.00	34.43 1.58 0.00	34.50 1.58 0.00	34.88 1.63 0.00	35.54 1.69 0.00	36.76 1.68 0.00	38.10 1.75 0.00	38.49 1.66 0.00	42.32 1.67 0.00	44.42 1.50 0.00	43.82 1.48 0.00	42.84 1.45 0.00	40.94 1.35 0.00	40.71 1.34 0.00	42.43 1.40 0.00	45.65 1.71 0.00	50.64 2.18 0.00	54.18 2.73 0.00	57.84 2.86 0.00	53.24 2.54 0.00	39.74 1.78 0.00	40.16 1.80 0.00	34.16 1.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.38 0.61 0.00	34.46 0.48 0.00	33.31 0.46 0.00	33.31 0.39 0.00	33.71 0.47 0.00	34.32 0.47 0.00	35.67 0.60 0.00	36.86 0.51 0.00	37.28 0.44 0.00	41.06 0.41 0.00	43.09 0.17 0.00	42.38 0.04 0.00	41.39 0.00 0.00	39.44 -0.16 0.00	39.17 -0.20 0.00	40.95 -0.08 0.00	43.89 -0.04 0.00	48.56 0.10 0.00	51.82 0.36 0.00	55.19 0.16 -0.04	50.91 0.20 0.00	39.05 0.08 -1.02	38.47 0.12 0.00	32.88 0.00 -0.06
ETNA____115KV_TB2 80207	36.38 0.61 0.00	34.46 0.48 0.00	33.31 0.46 0.00	33.31 0.39 0.00	33.71 0.47 0.00	34.32 0.47 0.00	35.67 0.60 0.00	36.86 0.51 0.00	37.28 0.44 0.00	41.06 0.41 0.00	43.09 0.17 0.00	42.38 0.04 0.00	41.39 0.00 0.00	39.44 -0.16 0.00	39.17 -0.20 0.00	40.95 -0.08 0.00	43.89 -0.04 0.00	48.56 0.10 0.00	51.82 0.36 0.00	55.19 0.16 -0.04	50.91 0.20 0.00	39.05 0.08 -1.02	38.47 0.12 0.00	32.88 0.00 -0.06
EUCLID__115KV_TB2 356179	35.41 -0.36 0.00	33.61 -0.37 0.00	32.49 -0.36 0.00	32.49 -0.43 0.00	32.88 -0.37 0.00	33.51 -0.34 0.00	34.76 -0.32 0.00	35.92 -0.44 0.00	36.32 -0.52 0.00	40.08 -0.57 0.00	42.19 -0.73 0.00	41.62 -0.72 0.00	40.65 -0.75 0.00	38.77 -0.83 0.00	38.54 -0.83 0.00	40.21 -0.82 0.00	43.01 -0.92 0.00	47.44 -1.02 0.00	50.48 -0.98 0.00	53.84 -1.15 -0.01	49.69 -1.01 0.00	37.66 -0.68 -0.39	37.67 -0.69 0.00	32.34 -0.49 -0.02
E_CANADA_CAP_HY 24051	37.95 2.18 0.00	35.99 2.00 0.00	34.85 2.00 0.00	34.92 2.01 0.00	35.31 2.06 0.00	36.02 2.17 0.00	37.14 2.07 0.00	38.54 2.18 0.00	38.82 1.99 0.00	42.60 1.95 0.00	44.72 1.80 0.00	44.24 1.91 0.00	43.34 1.95 0.00	41.46 1.86 0.00	41.22 1.85 0.00	42.83 1.80 0.00	46.22 2.28 0.00	51.32 2.86 0.00	55.11 3.65 0.00	59.14 3.90 -0.25	54.15 3.45 0.00	47.03 2.54 -6.53	40.97 2.61 0.00	35.16 1.94 -0.41
E_CANADA_MHWK_HY 24050	35.24 -0.54 0.00	33.44 -0.55 0.00	32.29 -0.56 0.00	32.32 -0.59 0.00	32.55 -0.70 0.00	33.07 -0.78 0.00	34.23 -0.84 0.00	35.45 -0.91 0.00	35.84 -0.99 0.00	39.55 -1.10 0.00	41.89 -1.03 0.00	41.28 -1.06 0.00	40.36 -1.03 0.00	38.61 -0.99 0.00	38.39 -0.98 0.00	40.01 -1.02 0.00	42.79 -1.14 0.00	47.20 -1.26 0.00	50.17 -1.28 0.00	53.66 -1.32 0.00	49.39 -1.32 0.00	37.01 -0.95 0.00	37.40 -0.96 0.00	31.99 -0.82 0.00
E_FISHKILL__LBMP 23776	36.74 0.97 0.00	34.97 0.99 0.00	33.70 0.85 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.73 0.88 0.00	36.05 0.98 0.00	37.70 1.35 0.00	38.16 1.33 0.00	42.19 1.54 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.09 1.70 0.00	41.34 1.74 0.00	41.18 1.81 0.00	42.92 1.89 0.00	46.04 2.11 0.00	50.88 2.42 0.00	54.13 2.68 0.00	58.35 3.19 -0.18	53.59 2.89 0.00	44.64 2.01 -4.67	40.31 1.96 0.00	34.58 1.48 -0.29
FALCON____SEABRD_CC1 323796	36.45 0.68 0.00	34.73 0.75 0.00	33.57 0.72 0.00	33.70 0.79 0.00	33.98 0.73 0.00	34.56 0.71 0.00	35.18 0.11 0.00	36.43 0.07 0.00	37.21 0.37 0.00	41.06 0.41 0.00	43.18 0.26 0.00	42.55 0.21 0.00	41.64 0.25 0.00	39.95 0.36 0.00	39.61 0.24 0.00	41.20 0.16 0.00	44.16 0.22 0.00	48.46 0.00 0.00	51.10 -0.36 0.00	54.54 -0.44 0.00	49.94 -0.76 0.00	37.16 -0.80 0.00	37.70 -0.65 0.00	32.22 -0.59 0.00

FALCON___SEABRD_CC2 323797	36.45 0.68 0.00	34.73 0.75 0.00	33.57 0.72 0.00	33.70 0.79 0.00	33.98 0.73 0.00	34.56 0.71 0.00	35.18 0.11 0.00	36.43 0.07 0.00	37.21 0.37 0.00	41.06 0.41 0.00	43.18 0.26 0.00	42.55 0.21 0.00	41.64 0.25 0.00	39.95 0.36 0.00	39.61 0.24 0.00	41.20 0.16 0.00	44.16 0.22 0.00	48.46 0.00 0.00	51.10 -0.36 0.00	54.54 -0.44 0.00	49.94 -0.76 0.00	37.16 -0.80 0.00	37.70 -0.65 0.00	32.22 -0.59 0.00
FAR ROCKAWAY___4 23548	37.49 1.72 0.00	35.78 1.80 0.00	34.06 1.22 0.00	34.07 1.15 0.00	34.38 1.13 0.00	34.86 1.02 0.00	36.23 1.16 0.00	38.10 1.75 0.00	38.16 1.33 0.00	42.60 1.95 0.00	45.45 2.53 0.00	44.96 2.62 0.00	43.87 2.48 0.00	42.25 2.65 0.00	42.32 2.95 0.00	43.90 2.87 0.00	47.19 3.25 0.00	51.80 3.34 0.00	54.90 3.45 0.00	59.56 4.40 -0.18	54.71 4.01 0.00	45.60 3.04 -4.60	41.23 2.88 0.00	35.30 2.20 -0.29
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.24 1.00 0.00	34.86 1.02 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.15 2.23 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.78 2.18 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.24 1.00 0.00	34.86 1.02 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.15 2.23 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.82 2.22 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.95 1.18 0.00	35.20 1.22 0.00	33.87 1.02 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.26 1.19 0.00	38.03 1.67 0.00	38.53 1.69 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.70 2.34 0.00	34.91 1.80 -0.29
FARRAGUT___LBMP 323566	36.95 1.18 0.00	35.17 1.19 0.00	33.83 0.99 0.00	33.97 1.05 0.00	34.21 0.96 0.00	34.83 0.98 0.00	36.23 1.16 0.00	38.03 1.67 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.07 2.15 0.00	44.54 2.20 0.00	43.54 2.15 0.00	41.74 2.14 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.48 2.55 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	44.99 2.43 -4.60	40.70 2.34 0.00	34.87 1.77 -0.29
FENNER___WINDPWR 24204	36.27 0.50 0.00	34.42 0.44 0.00	33.27 0.43 0.00	33.31 0.40 0.00	33.68 0.43 0.00	34.29 0.44 0.00	35.60 0.53 0.00	36.79 0.44 0.00	37.21 0.37 0.00	40.97 0.32 0.00	43.22 0.30 0.00	42.50 0.17 0.00	41.52 0.12 0.00	39.64 0.04 0.00	39.41 0.04 0.00	41.15 0.12 0.00	44.11 0.18 0.00	48.75 0.29 0.00	52.02 0.57 0.00	55.50 0.49 -0.02	51.06 0.36 0.00	38.78 0.27 -0.55	38.63 0.27 0.00	33.01 0.16 -0.03
FIBERTEK___ENERGY 23856	35.77 0.00 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.78 -0.13 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.65 -0.18 0.00	40.49 -0.16 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.12 -0.48 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	50.94 -0.51 0.00	54.29 -0.71 -0.02	50.10 -0.61 0.00	38.04 -0.38 -0.47	37.97 -0.38 0.00	32.58 -0.26 -0.03
FITZPATRICK____ 23598	34.95 -0.82 0.00	33.17 -0.82 0.00	32.03 -0.82 0.00	32.06 -0.86 0.00	32.45 -0.80 0.00	33.03 -0.81 0.00	34.27 -0.81 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.59 -1.33 0.00	40.98 -1.36 0.00	40.07 -1.33 0.00	38.21 -1.39 0.00	37.95 -1.42 0.00	39.59 -1.44 0.00	42.36 -1.58 0.00	46.72 -1.74 0.00	49.65 -1.80 0.00	53.02 -1.98 -0.01	48.93 -1.78 0.00	37.01 -1.22 -0.27	37.13 -1.23 0.00	31.91 -0.92 -0.02
FLOWRFLD_69_KV_BK1 356044	37.20 1.43 0.00	35.88 1.90 0.00	33.93 1.08 0.00	33.84 0.92 0.00	34.14 0.90 0.00	34.42 0.58 0.00	35.67 0.60 0.00	37.55 1.20 0.00	37.46 0.63 0.00	41.95 1.30 0.00	44.77 1.85 0.00	44.28 1.95 0.00	43.21 1.82 0.00	41.70 2.10 0.00	42.13 2.76 0.00	43.66 2.63 0.00	46.92 2.99 0.00	51.51 3.05 0.00	54.29 2.83 0.00	59.01 3.85 -0.18	54.25 3.55 0.00	45.41 2.85 -4.60	41.08 2.72 0.00	35.23 2.13 -0.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.02 1.25 0.00	35.27 1.29 0.00	33.97 1.12 0.00	34.07 1.15 0.00	34.34 1.10 0.00	35.00 1.15 0.00	36.33 1.26 0.00	37.95 1.60 0.00	38.49 1.66 0.00	42.52 1.87 0.00	44.98 2.06 0.00	44.41 2.07 0.00	43.42 2.03 0.00	41.62 2.02 0.00	41.46 2.09 0.00	43.21 2.17 0.00	46.40 2.46 0.00	51.27 2.81 0.00	54.65 3.19 0.00	58.84 3.68 -0.17	54.10 3.40 0.00	44.86 2.32 -4.59	40.66 2.30 0.00	34.81 1.71 -0.29
FORT ORANGE____ 23900	36.27 0.50 0.00	34.46 0.48 0.00	33.31 0.46 0.00	33.41 0.49 0.00	33.75 0.50 0.00	34.39 0.54 0.00	35.70 0.63 0.00	37.15 0.80 0.00	37.50 0.66 0.00	41.46 0.81 0.00	44.55 1.63 0.00	43.98 1.65 0.00	43.05 1.66 0.00	41.26 1.66 0.00	41.06 1.69 0.00	42.79 1.76 0.00	45.87 1.93 0.00	50.69 2.23 0.00	53.98 2.52 0.00	57.94 2.75 -0.21	53.29 2.58 0.00	45.30 1.78 -5.56	40.31 1.96 0.00	34.57 1.41 -0.35
FORT_DRUM_COGEN 23780	35.48 -0.29 0.00	33.71 -0.27 0.00	32.59 -0.26 0.00	32.62 -0.30 0.00	32.95 -0.30 0.00	33.51 -0.34 0.00	34.79 -0.28 0.00	35.88 -0.47 0.00	36.06 -0.77 0.00	39.43 -1.22 0.00	41.50 -1.42 0.00	40.77 -1.57 0.00	39.78 -1.61 0.00	37.97 -1.62 0.00	37.72 -1.65 0.00	39.43 -1.60 0.00	42.49 -1.45 0.00	47.15 -1.31 0.00	50.63 -0.82 0.00	54.50 -0.49 -0.01	49.69 -1.01 0.00	37.47 -0.72 -0.23	37.55 -0.81 0.00	31.97 -0.85 -0.01
FOX_HILLS___ESR 323835	49.77 1.65 -12.35	35.62 1.63 -0.01	34.27 1.41 -0.01	39.98 1.48 -5.58	34.65 1.40 -0.01	35.21 1.35 -0.01	36.66 1.58 -0.01	49.81 2.07 -11.38	50.40 2.03 -11.54	51.10 2.32 -8.13	52.98 2.49 -7.57	53.15 2.50 -8.32	53.10 2.44 -9.27	52.93 2.46 -10.88	50.93 2.52 -9.04	52.93 2.63 -9.27	54.11 2.99 -7.19	54.13 3.44 -2.23	55.12 3.65 -0.01	59.68 4.51 -0.18	54.72 4.01 -0.01	54.12 2.77 -13.39	51.01 2.80 -9.85	49.69 2.17 -14.72
FPL FAR_ROCK_GT1 24212	37.49 1.72 0.00	35.68 1.70 0.00	34.06 1.22 0.00	34.07 1.15 0.00	34.31 1.06 0.00	34.73 0.88 0.00	36.23 1.16 0.00	38.06 1.71 0.00	38.13 1.29 0.00	42.60 1.95 0.00	45.24 2.32 0.00	44.83 2.50 0.00	43.79 2.40 0.00	42.17 2.57 0.00	42.21 2.84 0.00	43.82 2.79 0.00	47.06 3.12 0.00	51.75 3.30 0.00	54.75 3.30 0.00	59.06 3.90 -0.18	54.56 3.85 0.00	45.29 2.73 -4.60	41.15 2.80 0.00	35.33 2.23 -0.29



FPL FAR_ROCK_GT2 23815	37.49 1.72 0.00	35.68 1.70 0.00	34.06 1.22 0.00	34.07 1.15 0.00	34.31 1.06 0.00	34.73 0.88 0.00	36.23 1.16 0.00	38.06 1.71 0.00	38.13 1.29 0.00	42.60 1.95 0.00	45.24 2.32 0.00	44.83 2.50 0.00	43.79 2.40 0.00	42.17 2.57 0.00	42.21 2.84 0.00	43.82 2.79 0.00	47.06 3.12 0.00	51.75 3.30 0.00	54.75 3.30 0.00	59.06 3.90 -0.18	54.56 3.85 0.00	45.29 2.73 -4.60	41.15 2.80 0.00	35.33 2.23 -0.29
FRANKLIN_FALL_HYD 24054	36.27 0.50 0.00	34.53 0.54 0.00	33.37 0.53 0.00	33.51 0.59 0.00	33.78 0.53 0.00	34.36 0.51 0.00	35.25 0.18 0.00	36.54 0.18 0.00	37.35 0.52 0.00	41.22 0.57 0.00	43.31 0.39 0.00	42.67 0.34 0.00	41.76 0.37 0.00	40.11 0.51 0.00	39.73 0.35 0.00	41.32 0.29 0.00	44.29 0.35 0.00	48.60 0.15 0.00	51.25 -0.21 0.00	54.82 -0.16 0.00	50.25 -0.46 0.00	37.39 -0.57 0.00	37.63 -0.73 0.00	32.16 -0.66 0.00
FREEPORT_EQUS_GT1 23764	37.24 1.47 0.00	35.47 1.49 0.00	33.83 0.98 0.00	33.84 0.92 0.00	34.08 0.83 0.00	34.46 0.61 0.00	35.95 0.88 0.00	37.77 1.42 0.00	37.83 0.99 0.00	42.23 1.58 0.00	44.81 1.89 0.00	44.41 2.07 0.00	43.38 1.99 0.00	41.77 2.18 0.00	41.89 2.52 0.00	43.45 2.42 0.00	46.66 2.72 0.00	51.32 2.86 0.00	54.23 2.78 0.00	58.57 3.41 -0.18	54.10 3.40 0.00	44.99 2.43 -4.60	40.89 2.53 0.00	35.14 2.04 -0.29
FREEPORT___CT2 23818	37.24 1.47 0.00	35.47 1.49 0.00	33.83 0.98 0.00	33.84 0.92 0.00	34.08 0.83 0.00	34.46 0.61 0.00	35.95 0.88 0.00	37.77 1.42 0.00	37.83 0.99 0.00	42.23 1.58 0.00	44.81 1.89 0.00	44.41 2.07 0.00	43.38 1.99 0.00	41.77 2.18 0.00	41.89 2.52 0.00	43.45 2.42 0.00	46.66 2.72 0.00	51.32 2.86 0.00	54.23 2.78 0.00	58.57 3.41 -0.18	54.10 3.40 0.00	44.99 2.43 -4.60	40.89 2.53 0.00	35.14 2.04 -0.29
FRESHKLS_33_KV_LOAD 356253	49.77 1.65 -12.35	35.65 1.67 -0.01	34.27 1.41 -0.01	39.95 1.45 -5.58	34.65 1.40 -0.01	35.24 1.39 -0.01	36.66 1.58 -0.01	49.73 2.00 -11.38	50.37 1.99 -11.54	50.97 2.20 -8.13	52.85 2.36 -7.57	53.02 2.37 -8.32	52.93 2.28 -9.27	52.77 2.30 -10.88	50.81 2.40 -9.04	52.81 2.50 -9.27	54.02 2.90 -7.19	54.04 3.34 -2.23	55.02 3.55 -0.01	59.57 4.40 -0.18	54.62 3.90 -0.01	54.04 2.69 -13.39	50.97 2.76 -9.85	49.69 2.17 -14.72
FULTON COGEN____ 23766	35.23 -0.54 0.00	33.40 -0.58 0.00	32.29 -0.56 0.00	32.29 -0.63 0.00	32.68 -0.57 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.66 -0.69 0.00	36.06 -0.77 0.00	39.84 -0.81 0.00	41.93 -0.99 0.00	41.32 -1.02 0.00	40.40 -0.99 0.00	38.49 -1.11 0.00	38.23 -1.14 0.00	39.92 -1.11 0.00	42.71 -1.23 0.00	47.10 -1.36 0.00	50.12 -1.34 0.00	53.46 -1.54 -0.01	49.33 -1.37 0.00	37.41 -0.91 -0.36	37.44 -0.92 0.00	32.15 -0.69 -0.02
FULTON___LFGE 323630	37.99 2.22 0.00	35.99 2.00 0.00	34.89 2.04 0.00	34.92 2.01 0.00	35.31 2.06 0.00	36.05 2.20 0.00	37.25 2.18 0.00	38.68 2.33 0.00	38.97 2.14 0.00	42.80 2.15 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.50 2.11 0.00	41.66 2.06 0.00	41.42 2.05 0.00	43.12 2.09 0.00	46.48 2.55 0.00	51.51 3.05 0.00	55.26 3.81 0.00	59.35 4.13 -0.24	54.36 3.65 0.00	46.80 2.62 -6.22	41.04 2.68 0.00	35.20 2.00 -0.39
G.F.CEMENT___DRP 24184	37.56 1.79 0.00	35.65 1.67 0.00	34.49 1.64 0.00	34.56 1.65 0.00	34.94 1.70 0.00	35.57 1.73 0.00	36.93 1.86 0.00	38.54 2.18 0.00	38.94 2.10 0.00	43.05 2.40 0.00	45.45 2.53 0.00	44.83 2.50 0.00	43.75 2.36 0.00	42.01 2.42 0.00	41.77 2.40 0.00	43.49 2.46 0.00	46.62 2.68 0.00	51.46 3.00 0.00	55.01 3.55 0.00	58.89 3.68 -0.22	54.05 3.35 0.00	46.07 2.35 -5.76	40.81 2.45 0.00	35.08 1.90 -0.36
GARDENVILLE___LBMP 24039	35.06 -0.72 0.00	33.03 -0.95 0.00	32.06 -0.79 0.00	31.63 -1.28 0.00	32.35 -0.90 0.00	33.03 -0.81 0.00	34.51 -0.56 0.00	35.26 -1.09 0.00	35.73 -1.11 0.00	39.27 -1.38 0.00	40.65 -2.27 0.00	40.09 -2.24 0.00	39.03 -2.36 0.00	37.30 -2.30 0.00	36.77 -2.60 0.00	38.49 -2.54 0.00	40.60 -3.34 0.00	44.44 -4.02 0.00	47.49 -3.96 0.00	49.57 -5.44 -0.03	46.80 -3.90 0.00	35.20 -3.49 -0.74	35.56 -2.80 0.00	30.10 -2.76 -0.05
GARDNVLA_35_KV_LD 355827	35.27 -0.50 0.00	33.23 -0.75 0.00	32.26 -0.59 0.00	31.80 -1.12 0.00	32.55 -0.70 0.00	33.24 -0.61 0.00	34.72 -0.35 0.00	35.48 -0.87 0.00	35.95 -0.88 0.00	39.55 -1.10 0.00	40.95 -1.97 0.00	40.39 -1.95 0.00	39.32 -2.07 0.00	37.62 -1.98 0.00	37.05 -2.32 0.00	38.77 -2.26 0.00	40.86 -3.08 0.00	44.73 -3.73 0.00	47.80 -3.65 0.00	49.79 -5.22 -0.03	47.05 -3.65 0.00	35.33 -3.38 -0.75	35.79 -2.57 0.00	30.20 -2.66 -0.05
GELCKHM___115KV_LOAD 80723	35.56 -0.21 0.00	33.71 -0.27 0.00	32.59 -0.26 0.00	32.59 -0.33 0.00	32.98 -0.27 0.00	33.58 -0.27 0.00	34.86 -0.21 0.00	36.03 -0.33 0.00	36.43 -0.41 0.00	40.20 -0.45 0.00	42.32 -0.60 0.00	41.74 -0.59 0.00	40.81 -0.58 0.00	38.93 -0.67 0.00	38.66 -0.71 0.00	40.33 -0.70 0.00	43.14 -0.79 0.00	47.59 -0.87 0.00	50.63 -0.82 0.00	54.01 -0.99 -0.02	49.84 -0.86 0.00	37.81 -0.57 -0.42	37.78 -0.58 0.00	32.41 -0.43 -0.03
GENERAL___MILLS 23808	35.16 -0.61 0.00	33.13 -0.85 0.00	32.16 -0.69 0.00	31.70 -1.22 0.00	32.48 -0.76 0.00	33.14 -0.71 0.00	34.62 -0.46 0.00	35.37 -0.98 0.00	35.84 -0.99 0.00	39.39 -1.26 0.00	40.77 -2.15 0.00	40.26 -2.07 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.89 -2.48 0.00	38.61 -2.42 0.00	40.73 -3.21 0.00	44.58 -3.88 0.00	47.65 -3.81 0.00	49.62 -5.39 -0.03	46.90 -3.80 0.00	35.21 -3.49 -0.75	35.67 -2.68 0.00	30.14 -2.72 -0.05
GE_PLASTICS___DRP 24183	36.20 0.43 0.00	34.42 0.44 0.00	33.28 0.43 0.00	33.38 0.46 0.00	33.71 0.47 0.00	34.32 0.47 0.00	35.63 0.56 0.00	37.05 0.69 0.00	37.46 0.63 0.00	41.38 0.73 0.00	44.25 1.33 0.00	43.69 1.35 0.00	42.72 1.32 0.00	40.94 1.35 0.00	40.75 1.38 0.00	42.47 1.44 0.00	45.52 1.58 0.00	50.25 1.79 0.00	53.46 2.01 0.00	57.34 2.14 -0.21	52.73 2.03 0.00	44.96 1.44 -5.56	39.89 1.53 0.00	34.31 1.15 -0.35
GILBOA___1 23756	36.31 0.54 0.00	34.52 0.54 0.00	33.47 0.62 0.00	33.67 0.76 0.00	34.01 0.77 0.00	34.59 0.74 0.00	35.81 0.74 0.00	37.12 0.76 0.00	37.53 0.70 0.00	41.46 0.81 0.00	43.86 0.94 0.00	43.31 0.97 0.00	42.34 0.95 0.00	40.55 0.95 0.00	40.36 0.98 0.00	42.06 1.03 0.00	45.08 1.14 0.00	49.77 1.31 0.00	53.00 1.54 0.00	56.80 1.65 -0.17	52.28 1.57 0.00	43.47 1.10 -4.41	39.51 1.15 0.00	33.94 0.85 -0.28
GILBOA___2 23757	36.31 0.54 0.00	34.52 0.54 0.00	33.47 0.62 0.00	33.67 0.76 0.00	34.01 0.77 0.00	34.59 0.74 0.00	35.81 0.74 0.00	37.12 0.76 0.00	37.53 0.70 0.00	41.46 0.81 0.00	43.86 0.94 0.00	43.31 0.97 0.00	42.34 0.95 0.00	40.55 0.95 0.00	40.36 0.98 0.00	42.06 1.03 0.00	45.08 1.14 0.00	49.77 1.31 0.00	53.00 1.54 0.00	56.80 1.65 -0.17	52.28 1.57 0.00	43.47 1.10 -4.41	39.51 1.15 0.00	33.94 0.85 -0.28

GILBOA___3 23758	36.31 0.54 0.00	34.52 0.54 0.00	33.47 0.62 0.00	33.67 0.76 0.00	34.01 0.77 0.00	34.59 0.74 0.00	35.81 0.74 0.00	37.12 0.76 0.00	37.53 0.70 0.00	41.46 0.81 0.00	43.86 0.94 0.00	43.31 0.97 0.00	42.34 0.95 0.00	40.55 0.95 0.00	40.36 0.98 0.00	42.06 1.03 0.00	45.08 1.14 0.00	49.77 1.31 0.00	53.00 1.54 0.00	56.80 1.65 -0.17	52.28 1.57 0.00	43.47 1.10 -4.41	39.51 1.15 0.00	33.94 0.85 -0.28
GILBOA___4 23759	36.31 0.54 0.00	34.52 0.54 0.00	33.47 0.62 0.00	33.67 0.76 0.00	34.01 0.77 0.00	34.59 0.74 0.00	35.81 0.74 0.00	37.12 0.76 0.00	37.53 0.70 0.00	41.46 0.81 0.00	43.86 0.94 0.00	43.31 0.97 0.00	42.34 0.95 0.00	40.55 0.95 0.00	40.36 0.98 0.00	42.06 1.03 0.00	45.08 1.14 0.00	49.77 1.31 0.00	53.00 1.54 0.00	56.80 1.65 -0.17	52.28 1.57 0.00	43.47 1.10 -4.41	39.51 1.15 0.00	33.94 0.85 -0.28
GILBOA___ 23599	36.34 0.57 0.00	34.53 0.54 0.00	33.47 0.62 0.00	33.67 0.76 0.00	34.01 0.76 0.00	34.63 0.78 0.00	35.81 0.74 0.00	37.12 0.76 0.00	37.54 0.70 0.00	41.46 0.81 0.00	43.86 0.94 0.00	43.31 0.97 0.00	42.34 0.95 0.00	40.55 0.95 0.00	40.39 1.02 0.00	42.06 1.03 0.00	45.08 1.14 0.00	49.77 1.31 0.00	53.00 1.54 0.00	56.69 1.54 -0.17	52.28 1.57 0.00	43.47 1.10 -4.41	39.51 1.15 0.00	33.94 0.85 -0.28
GINNA___ 23603	33.77 -2.00 0.00	31.94 -2.04 0.00	30.84 -2.00 0.00	30.68 -2.24 0.00	31.28 -1.96 0.00	31.92 -1.93 0.00	33.11 -1.96 0.00	34.07 -2.29 0.00	34.63 -2.21 0.00	38.09 -2.56 0.00	39.96 -2.96 0.00	39.45 -2.88 0.00	38.41 -2.98 0.00	36.67 -2.93 0.00	36.30 -3.07 0.00	37.95 -3.08 0.00	40.42 -3.52 0.00	44.44 -4.02 0.00	47.19 -4.27 0.00	50.60 -4.40 -0.02	46.70 -4.01 0.00	35.65 -2.85 -0.54	35.29 -3.07 0.00	30.32 -2.53 -0.03
GLEN PARK___ 23778	35.59 -0.18 0.00	33.81 -0.17 0.00	32.68 -0.16 0.00	32.69 -0.23 0.00	33.05 -0.20 0.00	33.61 -0.24 0.00	34.90 -0.17 0.00	35.96 -0.40 0.00	36.10 -0.74 0.00	39.47 -1.18 0.00	41.59 -1.33 0.00	40.81 -1.52 0.00	39.78 -1.61 0.00	37.94 -1.66 0.00	37.72 -1.65 0.00	39.43 -1.60 0.00	42.53 -1.41 0.00	47.25 -1.21 0.00	50.79 -0.67 0.00	54.72 -0.27 -0.01	49.79 -0.91 0.00	37.59 -0.61 -0.24	37.67 -0.69 0.00	32.07 -0.75 -0.02
GLENDALE_27_KV_LOAD 356172	37.32 1.54 -0.01	35.52 1.53 -0.01	34.17 1.31 -0.01	34.31 1.38 -0.01	34.55 1.30 -0.01	35.10 1.25 0.00	36.55 1.47 0.00	38.78 2.00 -0.42	39.29 2.03 -0.43	43.35 2.40 -0.30	45.78 2.58 -0.28	45.27 2.62 -0.31	44.26 2.52 -0.35	42.54 2.53 -0.41	42.31 2.60 -0.34	44.04 2.67 -0.35	46.97 2.99 -0.05	51.85 3.39 0.00	55.16 3.70 0.00	59.67 4.51 -0.18	54.76 4.06 0.00	45.70 2.81 -4.93	41.05 2.68 -0.01	35.18 2.07 -0.30
GLENWOOD_IC_1_G5 23712	37.27 1.50 0.00	35.58 1.60 0.00	33.90 1.05 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.76 0.91 0.00	36.16 1.09 0.00	37.92 1.56 0.00	38.20 1.36 0.00	42.48 1.83 0.00	45.15 2.23 0.00	44.66 2.33 0.00	43.63 2.24 0.00	41.93 2.34 0.00	41.89 2.52 0.00	43.57 2.54 0.00	46.79 2.86 0.00	51.51 3.05 0.00	54.70 3.24 0.00	59.23 4.07 -0.18	54.41 3.70 0.00	45.22 2.66 -4.60	40.85 2.49 0.00	35.00 1.90 -0.29
GLENWOOD_IC_2_G1 23688	37.16 1.39 0.00	35.38 1.39 0.00	33.83 0.98 0.00	33.90 0.99 0.00	34.14 0.90 0.00	34.66 0.81 0.00	36.12 1.05 0.00	37.88 1.53 0.00	38.16 1.32 0.00	42.40 1.75 0.00	44.90 1.98 0.00	44.41 2.07 0.00	43.42 2.03 0.00	41.74 2.14 0.00	41.65 2.28 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.32 2.86 0.00	54.49 3.04 0.00	58.68 3.52 -0.18	54.15 3.45 0.00	44.91 2.35 -4.60	40.70 2.34 0.00	34.94 1.84 -0.29
GLENWOOD_IC_3_G1 23689	37.16 1.39 0.00	35.38 1.39 0.00	33.83 0.98 0.00	33.90 0.99 0.00	34.14 0.90 0.00	34.66 0.81 0.00	36.12 1.05 0.00	37.88 1.53 0.00	38.16 1.32 0.00	42.40 1.75 0.00	44.90 1.98 0.00	44.41 2.07 0.00	43.42 2.03 0.00	41.74 2.14 0.00	41.65 2.28 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.32 2.86 0.00	54.49 3.04 0.00	58.68 3.52 -0.18	54.15 3.45 0.00	44.91 2.35 -4.60	40.70 2.34 0.00	34.94 1.84 -0.29
GLENWOOD___4 23550	37.27 1.50 0.00	35.58 1.60 0.00	33.90 1.05 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.76 0.91 0.00	36.16 1.09 0.00	37.92 1.56 0.00	38.20 1.36 0.00	42.48 1.83 0.00	45.15 2.23 0.00	44.66 2.33 0.00	43.63 2.24 0.00	41.93 2.34 0.00	41.89 2.52 0.00	43.57 2.54 0.00	46.79 2.86 0.00	51.51 3.05 0.00	54.70 3.24 0.00	59.23 4.07 -0.18	54.41 3.70 0.00	45.22 2.66 -4.60	40.85 2.49 0.00	35.00 1.90 -0.29
GLENWOOD___5 23614	37.27 1.50 0.00	35.58 1.60 0.00	33.90 1.05 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.76 0.91 0.00	36.16 1.09 0.00	37.92 1.56 0.00	38.20 1.36 0.00	42.48 1.83 0.00	45.15 2.23 0.00	44.66 2.33 0.00	43.63 2.24 0.00	41.93 2.34 0.00	41.89 2.52 0.00	43.57 2.54 0.00	46.79 2.86 0.00	51.51 3.05 0.00	54.70 3.24 0.00	59.23 4.07 -0.18	54.41 3.70 0.00	45.22 2.66 -4.60	40.85 2.49 0.00	35.00 1.90 -0.29
GLOBAL GREEN_PORT_GT1 23814	36.88 1.11 0.00	35.51 1.53 0.00	33.83 0.98 0.00	33.77 0.85 0.00	33.88 0.63 0.00	33.81 -0.03 0.00	35.35 0.28 0.00	37.26 0.91 0.00	37.06 0.22 0.00	41.83 1.18 0.00	43.99 1.07 0.00	43.56 1.23 0.00	42.47 1.07 0.00	40.95 1.35 0.00	41.73 2.36 0.00	43.08 2.05 0.00	46.17 2.24 0.00	50.98 2.52 0.00	53.57 2.11 0.00	58.07 2.91 -0.18	53.85 3.14 0.00	44.72 2.16 -4.60	40.89 2.53 0.00	35.36 2.26 -0.29
GLOBE___DSASP 323697	33.98 -1.79 0.00	31.94 -2.04 0.00	31.01 -1.84 0.00	30.68 -2.24 0.00	31.42 -1.83 0.00	32.12 -1.73 0.00	33.46 -1.61 0.00	34.10 -2.25 0.00	34.52 -2.32 0.00	37.97 -2.68 0.00	39.31 -3.61 0.00	38.78 -3.56 0.00	37.79 -3.60 0.00	36.15 -3.45 0.00	35.67 -3.70 0.00	37.30 -3.73 0.00	39.28 -4.66 0.00	42.89 -5.57 0.00	45.85 -5.61 0.00	48.25 -6.76 -0.03	45.23 -5.48 0.00	34.63 -4.02 -0.70	34.52 -3.84 0.00	29.74 -3.12 -0.04
GOETHSLN___LBMP 323567	36.77 1.00 0.00	35.00 1.02 0.00	33.67 0.82 0.00	33.80 0.89 0.00	34.04 0.80 0.00	34.63 0.78 0.00	36.05 0.98 0.00	37.84 1.49 0.00	38.35 1.51 0.00	42.48 1.83 0.00	44.89 1.97 0.00	44.32 1.99 0.00	43.34 1.95 0.00	41.58 1.98 0.00	41.42 2.05 0.00	43.12 2.09 0.00	46.26 2.33 0.00	51.17 2.71 0.00	54.49 3.04 0.00	59.01 3.85 -0.18	54.10 3.40 0.00	44.84 2.28 -4.60	40.50 2.15 0.00	34.74 1.64 -0.29
GOLAH___69_KV_TB 1_2 80279	35.23 -0.54 0.00	33.27 -0.71 0.00	32.19 -0.66 0.00	31.99 -0.92 0.00	32.71 -0.53 0.00	33.41 -0.44 0.00	34.69 -0.39 0.00	35.52 -0.84 0.00	35.88 -0.96 0.00	39.43 -1.22 0.00	41.07 -1.85 0.00	40.56 -1.78 0.00	39.49 -1.90 0.00	37.74 -1.86 0.00	37.32 -2.05 0.00	38.98 -2.05 0.00	41.43 -2.50 0.00	45.60 -2.86 0.00	48.63 -2.83 0.00	51.93 -3.08 -0.02	48.17 -2.54 0.00	36.78 -1.75 -0.57	36.55 -1.80 0.00	31.47 -1.38 -0.04

GOODYEAR_LAKE_HYD 323669	36.88 1.11 0.00	35.03 1.05 0.00	33.93 1.08 0.00	34.00 1.09 0.00	34.38 1.13 0.00	35.00 1.15 0.00	36.26 1.19 0.00	37.59 1.24 0.00	38.05 1.22 0.00	41.91 1.26 0.00	44.16 1.24 0.00	43.52 1.19 0.00	42.51 1.12 0.00	40.67 1.07 0.00	40.43 1.06 0.00	42.18 1.15 0.00	45.30 1.36 0.00	50.06 1.60 0.00	53.41 1.96 0.00	57.07 2.03 -0.05	52.53 1.83 0.00	40.58 1.21 -1.41	39.62 1.27 0.00	33.79 0.89 -0.09
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.91 0.14 0.00	34.05 0.07 0.00	32.91 0.07 0.00	32.88 -0.03 0.00	33.31 0.07 0.00	33.95 0.10 0.00	35.28 0.21 0.00	36.46 0.11 0.00	36.91 0.07 0.00	40.69 0.04 0.00	42.66 -0.26 0.00	42.00 -0.34 0.00	41.02 -0.37 0.00	39.16 -0.44 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.45 -0.48 0.00	47.93 -0.53 0.00	51.10 -0.36 0.00	54.27 -0.77 -0.06	50.35 -0.35 0.00	38.85 -0.57 -1.46	37.97 -0.38 0.00	32.38 -0.52 -0.09
GOUDEY___7 23579	35.91 0.14 0.00	34.05 0.07 0.00	32.91 0.07 0.00	32.88 -0.03 0.00	33.31 0.07 0.00	33.95 0.10 0.00	35.28 0.21 0.00	36.46 0.11 0.00	36.91 0.07 0.00	40.69 0.04 0.00	42.66 -0.26 0.00	42.00 -0.34 0.00	41.02 -0.37 0.00	39.16 -0.44 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.45 -0.48 0.00	47.93 -0.53 0.00	51.10 -0.36 0.00	54.27 -0.77 -0.06	50.35 -0.35 0.00	38.85 -0.57 -1.46	37.97 -0.38 0.00	32.38 -0.52 -0.09
GOUDEY___8 23580	35.91 0.14 0.00	34.05 0.07 0.00	32.91 0.07 0.00	32.88 -0.03 0.00	33.31 0.07 0.00	33.95 0.10 0.00	35.28 0.21 0.00	36.46 0.11 0.00	36.91 0.07 0.00	40.69 0.04 0.00	42.66 -0.26 0.00	42.00 -0.34 0.00	41.02 -0.37 0.00	39.16 -0.44 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.45 -0.48 0.00	47.93 -0.53 0.00	51.10 -0.36 0.00	54.27 -0.77 -0.06	50.35 -0.35 0.00	38.85 -0.57 -1.46	37.97 -0.38 0.00	32.38 -0.52 -0.09
GOWANUS_GT1_1 24077	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT1_2 24078	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT1_3 24079	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT1_4 24080	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT1_5 24084	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT1_6 24111	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT1_7 24112	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT1_8 24113	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT2_1 24114	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT2_2 24115	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT2_3 24116	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72

GOWANUS_GT2_4 24117	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT2_5 24118	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT2_6 24119	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT2_7 24120	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT2_8 24121	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_1 24122	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_2 24123	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_3 24124	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_4 24125	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_5 24126	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_6 24127	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_7 24128	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT3_8 24129	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
GOWANUS_GT4_1 24130	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT4_2 24131	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72

GOWANUS_GT4_3 24132	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT4_4 24133	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT4_5 24134	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT4_6 24135	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT4_7 24136	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GOWANUS_GT4_8 24137	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GREENBSH_115KV_TB3 55895	36.09 0.32 0.00	34.29 0.31 0.00	33.14 0.30 0.00	33.24 0.33 0.00	33.58 0.33 0.00	34.22 0.37 0.00	35.53 0.46 0.00	36.97 0.62 0.00	37.35 0.52 0.00	41.30 0.65 0.00	44.51 1.59 0.00	43.90 1.57 0.00	42.96 1.57 0.00	41.22 1.62 0.00	41.02 1.65 0.00	42.71 1.68 0.00	45.78 1.85 0.00	50.54 2.08 0.00	53.77 2.32 0.00	57.67 2.47 -0.21	53.04 2.33 0.00	45.21 1.67 -5.58	40.12 1.76 0.00	34.51 1.35 -0.35
GREENDGE_115KV_TB5 80291	35.99 0.21 0.00	34.02 0.03 0.00	32.85 0.00 0.00	32.75 -0.16 0.00	33.25 0.00 0.00	33.88 0.03 0.00	35.28 0.21 0.00	36.32 -0.04 0.00	36.80 -0.04 0.00	40.53 -0.12 0.00	42.19 -0.73 0.00	41.49 -0.85 0.00	40.40 -0.99 0.00	38.49 -1.11 0.00	38.15 -1.22 0.00	39.88 -1.15 0.00	42.66 -1.27 0.00	47.15 -1.31 0.00	50.33 -1.13 0.00	52.98 -2.03 -0.03	49.49 -1.22 0.00	37.68 -1.18 -0.90	37.21 -1.15 0.00	31.75 -1.12 -0.06
GREENIDGE___3 23582	35.99 0.21 0.00	34.02 0.03 0.00	32.85 0.00 0.00	32.75 -0.16 0.00	33.25 0.00 0.00	33.88 0.03 0.00	35.28 0.21 0.00	36.32 -0.04 0.00	36.80 -0.04 0.00	40.53 -0.12 0.00	42.19 -0.73 0.00	41.49 -0.85 0.00	40.40 -0.99 0.00	38.49 -1.11 0.00	38.15 -1.22 0.00	39.88 -1.15 0.00	42.66 -1.27 0.00	47.15 -1.31 0.00	50.33 -1.13 0.00	52.98 -2.03 -0.03	49.49 -1.22 0.00	37.68 -1.18 -0.90	37.21 -1.15 0.00	31.75 -1.12 -0.06
GREENIDGE___4 23583	35.99 0.22 0.00	34.05 0.07 0.00	32.85 0.00 0.00	32.75 -0.16 0.00	33.25 0.00 0.00	33.88 0.03 0.00	35.28 0.21 0.00	36.32 -0.04 0.00	36.84 0.00 0.00	40.53 -0.12 0.00	42.28 -0.64 0.00	41.53 -0.81 0.00	40.40 -0.99 0.00	38.49 -1.11 0.00	38.15 -1.22 0.00	39.88 -1.15 0.00	42.66 -1.28 0.00	47.15 -1.31 0.00	50.32 -1.13 0.00	52.98 -2.03 -0.03	49.49 -1.22 0.00	37.72 -1.14 -0.90	37.21 -1.15 0.00	31.75 -1.12 -0.06
GREENLWN_69_KV_BK 3 55738	37.13 1.36 0.00	35.54 1.56 0.00	33.74 0.89 0.00	33.74 0.82 0.00	34.04 0.80 0.00	34.49 0.64 0.00	35.81 0.74 0.00	37.63 1.27 0.00	37.68 0.85 0.00	42.11 1.46 0.00	44.89 1.97 0.00	44.45 2.12 0.00	43.38 1.99 0.00	41.82 2.22 0.00	41.97 2.60 0.00	43.53 2.50 0.00	46.79 2.86 0.00	51.37 2.91 0.00	54.34 2.88 0.00	58.95 3.79 -0.18	54.15 3.45 0.00	45.25 2.69 -4.60	40.89 2.53 0.00	35.00 1.90 -0.29
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72
GRISSOM___SOLAR 323813	37.84 2.07 0.00	35.88 1.90 0.00	34.75 1.90 0.00	34.79 1.88 0.00	35.17 1.93 0.00	35.91 2.06 0.00	37.11 2.03 0.00	38.57 2.22 0.00	38.86 2.02 0.00	42.76 2.11 0.00	44.98 2.06 0.00	44.41 2.07 0.00	43.46 2.07 0.00	41.62 2.02 0.00	41.38 2.01 0.00	43.08 2.05 0.00	46.39 2.46 0.00	51.41 2.96 0.00	55.06 3.60 0.00	59.12 3.90 -0.23	54.15 3.45 0.00	46.63 2.50 -6.17	40.93 2.57 0.00	35.13 1.94 -0.39
GROVEVILLE___HYD 323602	37.02 1.25 0.00	35.27 1.29 0.00	33.97 1.12 0.00	34.07 1.15 0.00	34.34 1.10 0.00	35.00 1.15 0.00	36.33 1.26 0.00	37.95 1.60 0.00	38.49 1.66 0.00	42.52 1.87 0.00	44.98 2.06 0.00	44.41 2.07 0.00	43.42 2.03 0.00	41.62 2.02 0.00	41.46 2.09 0.00	43.21 2.17 0.00	46.40 2.46 0.00	51.27 2.81 0.00	54.65 3.19 0.00	58.84 3.68 -0.17	54.10 3.40 0.00	44.86 2.32 -4.59	40.66 2.30 0.00	34.81 1.71 -0.29
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.77 0.00 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.78 -0.13 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.65 -0.18 0.00	40.49 -0.16 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.12 -0.48 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	50.94 -0.51 0.00	54.29 -0.71 -0.02	50.10 -0.61 0.00	38.04 -0.38 -0.47	37.97 -0.38 0.00	32.58 -0.26 -0.03

HAMLTNNY_34_KV_TB 80303	35.77 0.00 0.00	33.91 -0.07 0.00	32.78 -0.07 0.00	32.75 -0.16 0.00	33.18 -0.07 0.00	33.81 -0.03 0.00	35.11 0.04 0.00	36.25 -0.11 0.00	36.69 -0.15 0.00	40.49 -0.16 0.00	42.58 -0.34 0.00	41.95 -0.38 0.00	41.02 -0.37 0.00	39.08 -0.51 0.00	38.82 -0.55 0.00	40.54 -0.49 0.00	43.36 -0.57 0.00	47.83 -0.63 0.00	50.89 -0.57 0.00	54.23 -0.77 -0.02	50.04 -0.66 0.00	38.04 -0.42 -0.50	37.90 -0.46 0.00	32.51 -0.33 -0.03
HAMPSHIRE___PAPER_HYD 323593	34.98 -0.79 0.00	33.27 -0.72 0.00	32.16 -0.69 0.00	32.22 -0.69 0.00	32.48 -0.76 0.00	33.07 -0.78 0.00	34.16 -0.91 0.00	35.37 -0.98 0.00	35.73 -1.10 0.00	39.23 -1.42 0.00	41.29 -1.63 0.00	40.64 -1.69 0.00	39.69 -1.70 0.00	38.01 -1.59 0.00	37.72 -1.65 0.00	39.31 -1.72 0.00	42.27 -1.67 0.00	46.67 -1.79 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.78 -1.93 0.00	36.64 -1.44 -0.12	36.78 -1.57 0.00	31.44 -1.38 -0.01
HARDSCRABBLE_WT_PWR 323673	35.30 -0.47 0.00	33.51 -0.48 0.00	32.32 -0.53 0.00	32.36 -0.56 0.00	32.58 -0.66 0.00	33.10 -0.74 0.00	34.27 -0.81 0.00	35.48 -0.87 0.00	35.88 -0.96 0.00	39.63 -1.01 0.00	41.93 -0.99 0.00	41.36 -0.97 0.00	40.40 -0.99 0.00	38.65 -0.95 0.00	38.43 -0.95 0.00	40.05 -0.99 0.00	42.88 -1.05 0.00	47.25 -1.21 0.00	50.22 -1.24 0.00	53.72 -1.26 0.00	49.39 -1.32 0.00	37.04 -0.91 0.00	37.44 -0.92 0.00	32.02 -0.79 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.70 0.93 0.00	34.93 0.95 0.00	33.67 0.82 0.00	33.74 0.82 0.00	34.04 0.80 0.00	34.66 0.81 0.00	36.02 0.95 0.00	37.63 1.27 0.00	38.16 1.33 0.00	42.15 1.50 0.00	44.55 1.63 0.00	43.99 1.65 0.00	43.01 1.61 0.00	41.22 1.62 0.00	41.06 1.69 0.00	42.79 1.76 0.00	45.96 2.02 0.00	50.83 2.37 0.00	54.13 2.68 0.00	58.34 3.19 -0.16	53.64 2.94 0.00	44.21 1.97 -4.28	40.27 1.92 0.00	34.49 1.41 -0.27
HARSNRAD_115KV_TB1 81005	34.52 -1.25 0.00	32.45 -1.53 0.00	31.50 -1.35 0.00	31.07 -1.84 0.00	31.82 -1.43 0.00	32.53 -1.32 0.00	33.91 -1.16 0.00	34.61 -1.75 0.00	35.03 -1.81 0.00	38.54 -2.11 0.00	39.87 -3.05 0.00	39.33 -3.01 0.00	38.29 -3.10 0.00	36.59 -3.01 0.00	36.10 -3.27 0.00	37.75 -3.28 0.00	39.81 -4.13 0.00	43.52 -4.94 0.00	46.52 -4.94 0.00	49.02 -5.99 -0.03	45.89 -4.82 0.00	35.00 -3.64 -0.69	34.94 -3.41 0.00	30.00 -2.85 -0.04
HARZA MOOSE___RIVER 24016	35.95 0.18 0.00	34.15 0.17 0.00	33.05 0.20 0.00	33.08 0.16 0.00	33.41 0.17 0.00	33.98 0.14 0.00	35.28 0.21 0.00	36.50 0.15 0.00	36.69 -0.15 0.00	40.20 -0.45 0.00	42.40 -0.52 0.00	41.74 -0.59 0.00	40.73 -0.66 0.00	38.93 -0.67 0.00	38.70 -0.67 0.00	40.42 -0.62 0.00	43.41 -0.53 0.00	48.07 -0.39 0.00	51.30 -0.15 0.00	54.99 0.00 -0.01	50.35 -0.35 0.00	37.89 -0.23 -0.16	38.05 -0.31 0.00	32.46 -0.36 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	35.56 -0.21 0.00	33.71 -0.27 0.00	32.59 -0.26 0.00	32.59 -0.33 0.00	32.98 -0.27 0.00	33.61 -0.24 0.00	34.90 -0.18 0.00	36.03 -0.33 0.00	36.47 -0.37 0.00	40.24 -0.41 0.00	42.36 -0.56 0.00	41.74 -0.59 0.00	40.81 -0.58 0.00	38.93 -0.67 0.00	38.66 -0.71 0.00	40.37 -0.66 0.00	43.19 -0.75 0.00	47.63 -0.82 0.00	50.69 -0.77 0.00	54.01 -0.99 -0.02	49.84 -0.86 0.00	37.81 -0.57 -0.42	37.78 -0.58 0.00	32.41 -0.43 -0.03
HELLGATE_13_KV_LD 55870	37.21 1.43 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.48 1.23 -0.01	35.00 1.15 0.00	36.41 1.33 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.21 1.43 -0.01	35.42 1.43 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.48 1.23 -0.01	35.00 1.15 0.00	36.41 1.33 0.00	38.67 1.89 -0.42	39.18 1.92 -0.43	43.19 2.24 -0.30	45.61 2.40 -0.28	45.10 2.46 -0.31	44.14 2.40 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.54 2.66 -4.93	40.93 2.57 -0.01	35.08 1.97 -0.30
HEMPSTEAD____ 23647	37.09 1.32 0.00	35.31 1.32 0.00	33.74 0.89 0.00	33.74 0.82 0.00	33.98 0.73 0.00	34.39 0.54 0.00	35.88 0.81 0.00	37.70 1.35 0.00	37.79 0.96 0.00	42.15 1.50 0.00	44.72 1.80 0.00	44.28 1.95 0.00	43.26 1.86 0.00	41.66 2.06 0.00	41.69 2.32 0.00	43.29 2.26 0.00	46.48 2.55 0.00	51.17 2.71 0.00	54.13 2.67 0.00	58.40 3.24 -0.18	53.90 3.20 0.00	44.80 2.24 -4.60	40.70 2.34 0.00	34.97 1.87 -0.29
HEWLETT_69_KV_BK3 55828	37.34 1.57 0.00	35.65 1.67 0.00	33.93 1.08 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.76 0.91 0.00	36.09 1.02 0.00	37.92 1.56 0.00	38.02 1.18 0.00	42.44 1.79 0.00	45.24 2.32 0.00	44.75 2.41 0.00	43.67 2.28 0.00	42.09 2.49 0.00	42.13 2.76 0.00	43.74 2.71 0.00	47.01 3.08 0.00	51.61 3.15 0.00	54.65 3.19 0.00	59.28 4.12 -0.18	54.46 3.75 0.00	45.44 2.88 -4.60	41.08 2.72 0.00	35.17 2.07 -0.29
HICKLING___1 23621	35.91 0.14 0.00	33.95 -0.03 0.00	32.82 -0.03 0.00	32.65 -0.26 0.00	33.15 -0.10 0.00	33.78 -0.07 0.00	35.18 0.11 0.00	36.21 -0.15 0.00	36.73 -0.11 0.00	40.41 -0.24 0.00	42.02 -0.90 0.00	41.32 -1.02 0.00	40.23 -1.16 0.00	38.37 -1.23 0.00	37.99 -1.38 0.00	39.72 -1.31 0.00	42.49 -1.45 0.00	46.81 -1.65 0.00	50.02 -1.44 0.00	52.72 -2.31 -0.04	49.18 -1.52 0.00	37.44 -1.67 -1.16	36.98 -1.38 0.00	31.37 -1.51 -0.07
HICKLING___2 23622	35.91 0.14 0.00	33.95 -0.03 0.00	32.82 -0.03 0.00	32.65 -0.26 0.00	33.15 -0.10 0.00	33.78 -0.07 0.00	35.18 0.11 0.00	36.21 -0.15 0.00	36.73 -0.11 0.00	40.41 -0.24 0.00	42.02 -0.90 0.00	41.32 -1.02 0.00	40.23 -1.16 0.00	38.37 -1.23 0.00	37.99 -1.38 0.00	39.72 -1.31 0.00	42.49 -1.45 0.00	46.81 -1.65 0.00	50.02 -1.44 0.00	52.72 -2.31 -0.04	49.18 -1.52 0.00	37.44 -1.67 -1.16	36.98 -1.38 0.00	31.37 -1.51 -0.07
HIGH FALLS___HY 23754	36.88 1.11 0.00	35.14 1.16 0.00	33.83 0.99 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.86 1.02 0.00	36.19 1.12 0.00	37.77 1.42 0.00	38.31 1.47 0.00	42.23 1.59 0.00	44.51 1.59 0.00	43.90 1.57 0.00	42.88 1.49 0.00	41.06 1.47 0.00	40.91 1.54 0.00	42.67 1.64 0.00	45.91 1.98 0.00	50.83 2.37 0.00	54.24 2.78 0.00	58.51 3.35 -0.17	53.80 3.09 0.00	44.61 2.09 -4.57	40.35 1.99 0.00	34.54 1.44 -0.29
HIGH_RIVER___SOLAR 323847	37.09 1.32 0.00	35.20 1.22 0.00	34.06 1.22 0.00	34.17 1.25 0.00	34.51 1.26 0.00	35.17 1.32 0.00	36.40 1.33 0.00	37.77 1.42 0.00	38.13 1.29 0.00	41.87 1.22 0.00	44.12 1.20 0.00	43.52 1.18 0.00	42.59 1.20 0.00	40.83 1.23 0.00	40.63 1.26 0.00	42.34 1.31 0.00	45.51 1.58 0.00	50.49 2.03 0.00	53.93 2.47 0.00	57.90 2.69 -0.23	53.14 2.43 0.00	45.67 1.75 -5.96	40.16 1.80 0.00	34.56 1.38 -0.37

HILLBURN___GT 23639	36.63 0.86 0.00	34.86 0.88 0.00	33.60 0.76 0.00	33.70 0.79 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.98 0.91 0.00	37.63 1.27 0.00	38.09 1.25 0.00	42.11 1.46 0.00	44.46 1.54 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.22 1.62 0.00	41.06 1.69 0.00	42.79 1.76 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.13 2.67 0.00	58.17 3.02 -0.17	53.64 2.94 0.00	44.23 1.93 -4.34	40.24 1.88 0.00	34.53 1.44 -0.27
HILLSIDE_115KV_TB1 80332	35.48 -0.29 0.00	33.57 -0.41 0.00	32.45 -0.39 0.00	32.32 -0.59 0.00	32.78 -0.47 0.00	33.44 -0.41 0.00	34.83 -0.25 0.00	35.88 -0.47 0.00	36.36 -0.48 0.00	40.00 -0.65 0.00	41.68 -1.24 0.00	40.98 -1.35 0.00	39.94 -1.45 0.00	38.13 -1.47 0.00	37.80 -1.57 0.00	39.47 -1.56 0.00	42.22 -1.71 0.00	46.52 -1.94 0.00	49.76 -1.70 0.00	52.45 -2.58 -0.05	48.98 -1.72 0.00	37.29 -1.86 -1.20	36.86 -1.50 0.00	31.25 -1.64 -0.08
HISHELDN_WT_PWR 323625	34.95 -0.82 0.00	32.99 -0.99 0.00	31.86 -0.98 0.00	31.50 -1.41 0.00	32.08 -1.16 0.00	32.73 -1.12 0.00	34.16 -0.91 0.00	34.94 -1.42 0.00	35.47 -1.36 0.00	38.86 -1.79 0.00	40.39 -2.53 0.00	39.54 -2.80 0.00	38.33 -3.06 0.00	36.55 -3.05 0.00	36.10 -3.27 0.00	37.67 -3.36 0.00	40.02 -3.91 0.00	43.76 -4.70 0.00	46.77 -4.68 0.00	49.30 -5.72 -0.03	45.99 -4.71 0.00	35.01 -3.80 -0.85	34.64 -3.72 0.00	29.55 -3.31 -0.05
HOLTSVILLE_IC_1 23690	36.95 1.18 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.88 0.63 0.00	33.98 0.14 0.00	35.49 0.42 0.00	37.34 0.98 0.00	37.24 0.41 0.00	41.83 1.18 0.00	44.29 1.37 0.00	43.86 1.52 0.00	42.84 1.45 0.00	41.30 1.70 0.00	41.77 2.40 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.07 2.61 0.00	53.67 2.21 0.00	57.96 2.80 -0.18	53.59 2.89 0.00	44.72 2.16 -4.60	40.77 2.42 0.00	35.10 2.00 -0.29
HOLTSVILLE_IC_10 23699	37.09 1.32 0.00	35.55 1.56 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.31 0.48 0.00	41.95 1.30 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.93 2.56 0.00	43.41 2.38 0.00	46.62 2.68 0.00	51.32 2.86 0.00	53.93 2.47 0.00	58.24 3.08 -0.18	53.85 3.14 0.00	44.84 2.28 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
HOLTSVILLE_IC_2 23691	36.95 1.18 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.88 0.63 0.00	33.98 0.14 0.00	35.49 0.42 0.00	37.34 0.98 0.00	37.24 0.41 0.00	41.83 1.18 0.00	44.29 1.37 0.00	43.86 1.52 0.00	42.84 1.45 0.00	41.30 1.70 0.00	41.77 2.40 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.07 2.61 0.00	53.67 2.21 0.00	57.96 2.80 -0.18	53.59 2.89 0.00	44.72 2.16 -4.60	40.77 2.42 0.00	35.10 2.00 -0.29
HOLTSVILLE_IC_3 23692	36.95 1.18 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.88 0.63 0.00	33.98 0.14 0.00	35.49 0.42 0.00	37.34 0.98 0.00	37.24 0.41 0.00	41.83 1.18 0.00	44.29 1.37 0.00	43.86 1.52 0.00	42.84 1.45 0.00	41.30 1.70 0.00	41.77 2.40 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.07 2.61 0.00	53.67 2.21 0.00	57.96 2.80 -0.18	53.59 2.89 0.00	44.72 2.16 -4.60	40.77 2.42 0.00	35.10 2.00 -0.29
HOLTSVILLE_IC_4 23693	36.95 1.18 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.88 0.63 0.00	33.98 0.14 0.00	35.49 0.42 0.00	37.34 0.98 0.00	37.24 0.41 0.00	41.83 1.18 0.00	44.29 1.37 0.00	43.86 1.52 0.00	42.84 1.45 0.00	41.30 1.70 0.00	41.77 2.40 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.07 2.61 0.00	53.67 2.21 0.00	57.96 2.80 -0.18	53.59 2.89 0.00	44.72 2.16 -4.60	40.77 2.42 0.00	35.10 2.00 -0.29
HOLTSVILLE_IC_5 23694	36.95 1.18 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.88 0.63 0.00	33.98 0.14 0.00	35.49 0.42 0.00	37.34 0.98 0.00	37.24 0.41 0.00	41.83 1.18 0.00	44.29 1.37 0.00	43.86 1.52 0.00	42.84 1.45 0.00	41.30 1.70 0.00	41.77 2.40 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.07 2.61 0.00	53.67 2.21 0.00	57.96 2.80 -0.18	53.59 2.89 0.00	44.72 2.16 -4.60	40.77 2.42 0.00	35.10 2.00 -0.29
HOLTSVILLE_IC_6 23695	37.09 1.32 0.00	35.55 1.56 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.31 0.48 0.00	41.95 1.30 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.93 2.56 0.00	43.41 2.38 0.00	46.62 2.68 0.00	51.32 2.86 0.00	53.93 2.47 0.00	58.24 3.08 -0.18	53.85 3.14 0.00	44.84 2.28 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
HOLTSVILLE_IC_7 23696	37.09 1.32 0.00	35.55 1.56 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.31 0.48 0.00	41.95 1.30 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.93 2.56 0.00	43.41 2.38 0.00	46.62 2.68 0.00	51.32 2.86 0.00	53.93 2.47 0.00	58.24 3.08 -0.18	53.85 3.14 0.00	44.84 2.28 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
HOLTSVILLE_IC_8 23697	37.09 1.32 0.00	35.55 1.56 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.31 0.48 0.00	41.95 1.30 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.93 2.56 0.00	43.41 2.38 0.00	46.62 2.68 0.00	51.32 2.86 0.00	53.93 2.47 0.00	58.24 3.08 -0.18	53.85 3.14 0.00	44.84 2.28 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
HOLTSVILLE_IC_9 23698	37.09 1.32 0.00	35.55 1.56 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.31 0.48 0.00	41.95 1.30 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.93 2.56 0.00	43.41 2.38 0.00	46.62 2.68 0.00	51.32 2.86 0.00	53.93 2.47 0.00	58.24 3.08 -0.18	53.85 3.14 0.00	44.84 2.28 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
HOMER_HL_115KV_TB2 355744	35.41 -0.36 0.00	33.51 -0.48 0.00	32.39 -0.46 0.00	31.99 -0.92 0.00	32.68 -0.57 0.00	33.34 -0.51 0.00	34.86 -0.21 0.00	35.81 -0.55 0.00	36.28 -0.55 0.00	39.80 -0.85 0.00	41.07 -1.85 0.00	40.43 -1.91 0.00	39.32 -2.07 0.00	37.58 -2.02 0.00	37.05 -2.32 0.00	38.73 -2.30 0.00	41.21 -2.72 0.00	45.31 -3.15 0.00	48.52 -2.93 0.00	49.79 -5.22 -0.03	47.86 -2.84 0.00	34.72 -4.10 -0.86	36.02 -2.34 0.00	29.45 -3.41 -0.05
HOWARD_WT_PWR 323690	36.02 0.25 0.00	34.05 0.07 0.00	32.78 -0.07 0.00	32.52 -0.39 0.00	33.05 -0.20 0.00	33.65 -0.20 0.00	35.11 0.04 0.00	35.99 -0.36 0.00	36.54 -0.30 0.00	40.08 -0.57 0.00	41.54 -1.38 0.00	40.47 -1.86 0.00	38.99 -2.40 0.00	37.03 -2.57 0.00	36.61 -2.76 0.00	38.32 -2.71 0.00	41.03 -2.90 0.00	45.55 -2.91 0.00	48.68 -2.78 0.00	51.23 -3.79 -0.04	47.46 -3.25 0.00	35.88 -3.04 -0.97	35.06 -3.30 0.00	29.69 -3.18 -0.06

HQ_GEN_CEDARS 23644	35.84 0.07 0.00	34.08 0.10 0.00	32.95 0.10 0.00	33.05 0.13 0.00	33.28 0.03 0.00	33.85 0.00 0.00	34.90 -0.18 0.00	36.17 -0.18 0.00	36.87 0.04 0.00	40.65 0.00 0.00	42.83 -0.09 0.00	42.25 -0.08 0.00	41.31 -0.08 0.00	39.64 0.04 0.00	39.33 -0.04 0.00	40.91 -0.12 0.00	43.80 -0.13 0.00	48.17 -0.29 0.00	50.89 -0.57 0.00	54.54 -0.44 0.00	50.10 -0.61 0.00	37.50 -0.46 0.00	37.78 -0.58 0.00	32.39 -0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	65.82 0.07 -29.98	65.82 0.14 -31.70	65.82 0.10 -32.87	65.82 0.13 -32.77	65.82 0.03 -32.54	65.82 0.00 -31.97	65.82 -0.17 -30.92	65.82 -0.18 -29.65	65.82 0.04 -28.95	65.82 0.00 -25.17	65.82 -0.09 -22.99	65.82 -0.13 -23.61	65.82 -0.08 -24.51	65.82 0.04 -26.18	65.82 -0.04 -26.49	65.82 -0.12 -24.91	65.82 -0.13 -22.02	65.82 -0.29 -17.65	65.82 -0.56 -14.93	65.82 -0.44 -11.28	65.82 -0.61 -15.72	65.82 -0.49 -28.36	65.82 -0.57 -28.04	65.82 -0.43 -33.44
HQ_GEN_IMPORT 323601	35.70 -0.07 0.00	33.95 -0.03 0.00	32.82 -0.03 0.00	32.88 -0.03 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	34.90 -0.17 0.00	36.17 -0.18 0.00	36.80 -0.04 0.00	40.61 -0.04 0.00	42.83 -0.09 0.00	42.25 -0.08 0.00	41.35 -0.04 0.00	39.60 0.00 0.00	39.33 -0.04 0.00	40.95 -0.08 0.00	43.85 -0.09 0.00	48.27 -0.19 0.00	51.10 -0.36 0.00	54.60 -0.38 0.00	50.30 -0.41 0.00	37.61 -0.34 0.00	38.01 -0.35 0.00	32.55 -0.26 0.00
HQ_GEN_WHEEL 23651	35.70 -0.07 0.00	33.95 -0.03 0.00	32.82 -0.03 0.00	32.88 -0.03 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	34.90 -0.17 0.00	36.17 -0.18 0.00	36.80 -0.04 0.00	40.61 -0.04 0.00	42.83 -0.09 0.00	42.25 -0.08 0.00	41.35 -0.04 0.00	39.60 0.00 0.00	39.33 -0.04 0.00	40.95 -0.08 0.00	43.85 -0.09 0.00	48.27 -0.19 0.00	51.10 -0.36 0.00	54.60 -0.38 0.00	50.30 -0.41 0.00	37.61 -0.34 0.00	38.01 -0.35 0.00	32.55 -0.26 0.00
HUDSON_AVE_GT_3 23810	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.78 2.18 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
HUDSON_AVE_GT_4 23540	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.78 2.18 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
HUDSON_AVE_GT_5 23657	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.78 2.18 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
HUDSON_AVE_10 24168	36.95 1.18 0.00	35.14 1.16 0.00	33.74 0.89 0.00	33.87 0.95 0.00	34.11 0.86 0.00	34.73 0.88 0.00	36.16 1.09 0.00	37.99 1.64 0.00	38.49 1.66 0.00	42.64 1.99 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.66 2.06 0.00	41.54 2.17 0.00	43.25 2.22 0.00	46.40 2.46 0.00	51.32 2.86 0.00	54.65 3.19 0.00	59.12 3.96 -0.18	54.20 3.50 0.00	44.91 2.35 -4.60	40.66 2.30 0.00	34.84 1.74 -0.29
HUDSON___115KV_TB 4 355613	36.77 1.00 0.00	34.93 0.95 0.00	33.77 0.92 0.00	33.84 0.92 0.00	34.18 0.93 0.00	34.86 1.02 0.00	36.19 1.12 0.00	37.63 1.27 0.00	37.98 1.14 0.00	41.91 1.26 0.00	44.94 2.02 0.00	44.28 1.95 0.00	43.30 1.90 0.00	41.50 1.90 0.00	41.30 1.93 0.00	43.04 2.01 0.00	46.22 2.28 0.00	51.12 2.67 0.00	54.60 3.14 0.00	58.55 3.35 -0.21	53.85 3.14 0.00	45.35 1.94 -5.46	40.73 2.38 0.00	34.70 1.54 -0.34
HUNTER MOUNT___DRP 323613	36.99 1.22 0.00	35.17 1.19 0.00	33.97 1.12 0.00	34.03 1.12 0.00	34.38 1.13 0.00	35.10 1.25 0.00	36.41 1.33 0.00	37.84 1.49 0.00	38.20 1.36 0.00	42.11 1.46 0.00	45.15 2.23 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.62 2.02 0.00	41.46 2.09 0.00	43.21 2.17 0.00	46.40 2.46 0.00	51.37 2.91 0.00	54.85 3.40 0.00	58.82 3.63 -0.20	54.15 3.45 0.00	45.19 1.90 -5.33	40.96 2.61 0.00	34.59 1.44 -0.33
HUNTINGTON_RES_REC 323705	37.13 1.36 0.00	35.44 1.46 0.00	33.80 0.95 0.00	33.74 0.82 0.00	33.95 0.70 0.00	34.19 0.34 0.00	35.70 0.63 0.00	37.55 1.20 0.00	37.50 0.66 0.00	42.03 1.38 0.00	44.55 1.63 0.00	44.15 1.82 0.00	43.13 1.74 0.00	41.58 1.98 0.00	41.89 2.52 0.00	43.41 2.38 0.00	46.70 2.77 0.00	51.32 2.86 0.00	54.08 2.62 0.00	58.40 3.24 -0.18	54.00 3.29 0.00	44.91 2.35 -4.60	40.89 2.53 0.00	35.14 2.04 -0.29
HUNTLEY___63 23557	34.77 -1.00 0.00	32.76 -1.22 0.00	31.80 -1.05 0.00	31.37 -1.55 0.00	32.15 -1.10 0.00	32.83 -1.02 0.00	34.27 -0.81 0.00	34.97 -1.38 0.00	35.40 -1.44 0.00	38.94 -1.71 0.00	40.30 -2.62 0.00	39.79 -2.54 0.00	38.70 -2.69 0.00	37.02 -2.57 0.00	36.50 -2.87 0.00	38.20 -2.83 0.00	40.24 -3.69 0.00	44.00 -4.46 0.00	47.03 -4.43 0.00	49.35 -5.66 -0.03	46.34 -4.36 0.00	35.21 -3.45 -0.71	35.29 -3.07 0.00	30.20 -2.66 -0.04
HUNTLEY___64 23558	34.77 -1.00 0.00	32.76 -1.22 0.00	31.80 -1.05 0.00	31.37 -1.55 0.00	32.15 -1.10 0.00	32.83 -1.02 0.00	34.27 -0.81 0.00	34.97 -1.38 0.00	35.40 -1.44 0.00	38.94 -1.71 0.00	40.30 -2.62 0.00	39.79 -2.54 0.00	38.70 -2.69 0.00	37.02 -2.57 0.00	36.50 -2.87 0.00	38.20 -2.83 0.00	40.24 -3.69 0.00	44.00 -4.46 0.00	47.03 -4.43 0.00	49.35 -5.66 -0.03	46.34 -4.36 0.00	35.21 -3.45 -0.71	35.29 -3.07 0.00	30.20 -2.66 -0.04
HUNTLEY___65 23559	34.77 -1.00 0.00	32.76 -1.22 0.00	31.80 -1.05 0.00	31.37 -1.55 0.00	32.15 -1.10 0.00	32.83 -1.02 0.00	34.27 -0.81 0.00	34.97 -1.38 0.00	35.40 -1.44 0.00	38.94 -1.71 0.00	40.30 -2.62 0.00	39.79 -2.54 0.00	38.70 -2.69 0.00	37.02 -2.57 0.00	36.50 -2.87 0.00	38.20 -2.83 0.00	40.24 -3.69 0.00	44.00 -4.46 0.00	47.03 -4.43 0.00	49.35 -5.66 -0.03	46.34 -4.36 0.00	35.21 -3.45 -0.71	35.29 -3.07 0.00	30.20 -2.66 -0.04
HUNTLEY___66 23560	34.77 -1.00 0.00	32.76 -1.22 0.00	31.80 -1.05 0.00	31.37 -1.55 0.00	32.15 -1.10 0.00	32.83 -1.02 0.00	34.27 -0.81 0.00	34.97 -1.38 0.00	35.40 -1.44 0.00	38.94 -1.71 0.00	40.30 -2.62 0.00	39.79 -2.54 0.00	38.70 -2.69 0.00	37.02 -2.57 0.00	36.50 -2.87 0.00	38.20 -2.83 0.00	40.24 -3.69 0.00	44.00 -4.46 0.00	47.03 -4.43 0.00	49.35 -5.66 -0.03	46.34 -4.36 0.00	35.21 -3.45 -0.71	35.29 -3.07 0.00	30.20 -2.66 -0.04



HUNTLEY___67 23561	34.70 -1.07 0.00	32.69 -1.29 0.00	31.70 -1.15 0.00	31.30 -1.61 0.00	32.02 -1.23 0.00	32.73 -1.12 0.00	34.16 -0.91 0.00	34.86 -1.49 0.00	35.33 -1.51 0.00	38.82 -1.83 0.00	40.22 -2.70 0.00	39.67 -2.67 0.00	38.62 -2.77 0.00	36.95 -2.65 0.00	36.42 -2.95 0.00	38.12 -2.91 0.00	40.20 -3.73 0.00	43.95 -4.51 0.00	46.98 -4.48 0.00	49.24 -5.77 -0.03	46.29 -4.41 0.00	35.10 -3.57 -0.72	35.25 -3.11 0.00	30.10 -2.76 -0.04
HUNTLEY___68 23562	34.70 -1.07 0.00	32.69 -1.29 0.00	31.70 -1.15 0.00	31.30 -1.61 0.00	32.02 -1.23 0.00	32.73 -1.12 0.00	34.16 -0.91 0.00	34.86 -1.49 0.00	35.33 -1.51 0.00	38.82 -1.83 0.00	40.22 -2.70 0.00	39.67 -2.67 0.00	38.62 -2.77 0.00	36.95 -2.65 0.00	36.42 -2.95 0.00	38.12 -2.91 0.00	40.20 -3.73 0.00	43.95 -4.51 0.00	46.98 -4.48 0.00	49.24 -5.77 -0.03	46.29 -4.41 0.00	35.10 -3.57 -0.72	35.25 -3.11 0.00	30.10 -2.76 -0.04
HYLAND___LFG 323620	36.77 1.00 0.00	34.73 0.75 0.00	33.44 0.59 0.00	33.21 0.30 0.00	33.95 0.70 0.00	34.59 0.74 0.00	35.91 0.84 0.00	36.64 0.29 0.00	36.84 0.00 0.00	40.04 -0.61 0.00	41.38 -1.54 0.00	40.30 -2.03 0.00	39.03 -2.36 0.00	37.14 -2.46 0.00	37.01 -2.36 0.00	38.77 -2.26 0.00	41.56 -2.37 0.00	46.23 -2.23 0.00	49.96 -1.49 0.00	53.97 -1.05 -0.03	50.15 -0.56 0.00	38.07 -0.68 -0.80	37.48 -0.88 0.00	31.84 -1.02 -0.05
INDECK___CORINTH 23802	37.49 1.72 0.00	35.55 1.56 0.00	34.42 1.58 0.00	34.50 1.58 0.00	34.88 1.63 0.00	35.57 1.73 0.00	36.86 1.79 0.00	38.46 2.11 0.00	38.86 2.02 0.00	42.97 2.32 0.00	45.37 2.45 0.00	44.75 2.41 0.00	43.71 2.32 0.00	41.93 2.34 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.57 2.64 0.00	51.37 2.91 0.00	54.85 3.40 0.00	58.78 3.57 -0.22	53.90 3.20 0.00	45.97 2.24 -5.77	40.70 2.34 0.00	34.94 1.77 -0.36
INDECK___ILION 23567	35.66 -0.11 0.00	33.85 -0.14 0.00	32.72 -0.13 0.00	32.75 -0.16 0.00	33.05 -0.20 0.00	33.61 -0.24 0.00	34.83 -0.25 0.00	36.06 -0.29 0.00	36.51 -0.33 0.00	40.28 -0.37 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.28 -0.32 0.00	39.10 -0.28 0.00	40.70 -0.33 0.00	43.63 -0.31 0.00	48.12 -0.34 0.00	51.15 -0.31 0.00	54.65 -0.33 0.00	50.35 -0.35 0.00	37.69 -0.27 0.00	38.09 -0.27 0.00	32.58 -0.23 0.00
INDECK___OLEAN 23982	35.45 -0.32 0.00	33.58 -0.41 0.00	32.39 -0.46 0.00	31.99 -0.92 0.00	32.68 -0.57 0.00	33.34 -0.51 0.00	34.83 -0.24 0.00	35.81 -0.54 0.00	36.32 -0.52 0.00	39.76 -0.89 0.00	41.20 -1.72 0.00	40.52 -1.82 0.00	39.32 -2.07 0.00	37.58 -2.02 0.00	37.09 -2.28 0.00	38.73 -2.30 0.00	41.21 -2.72 0.00	45.31 -3.15 0.00	48.53 -2.93 0.00	49.13 -5.88 -0.03	47.87 -2.84 0.00	34.76 -4.06 -0.86	36.02 -2.34 0.00	29.42 -3.44 -0.05
INDECK___OSWEGO 23783	35.09 -0.68 0.00	33.30 -0.68 0.00	32.19 -0.66 0.00	32.22 -0.69 0.00	32.58 -0.66 0.00	33.20 -0.64 0.00	34.44 -0.63 0.00	35.59 -0.77 0.00	35.95 -0.88 0.00	39.63 -1.01 0.00	41.76 -1.16 0.00	41.15 -1.19 0.00	40.23 -1.16 0.00	38.33 -1.27 0.00	38.07 -1.30 0.00	39.76 -1.27 0.00	42.53 -1.41 0.00	46.96 -1.50 0.00	49.96 -1.49 0.00	53.35 -1.65 -0.01	49.18 -1.52 0.00	37.28 -1.02 -0.35	37.36 -1.00 0.00	32.08 -0.75 -0.02
INDECK___YERKES 23781	34.84 -0.93 0.00	32.93 -1.05 0.00	31.83 -1.02 0.00	31.40 -1.51 0.00	32.18 -1.07 0.00	32.86 -0.98 0.00	34.27 -0.81 0.00	35.01 -1.34 0.00	35.62 -1.21 0.00	38.98 -1.67 0.00	40.60 -2.32 0.00	39.96 -2.37 0.00	38.74 -2.65 0.00	37.10 -2.49 0.00	36.58 -2.79 0.00	38.24 -2.79 0.00	40.29 -3.65 0.00	44.05 -4.41 0.00	47.03 -4.43 0.00	49.40 -5.61 -0.03	46.34 -4.36 0.00	35.29 -3.38 -0.71	35.33 -3.03 0.00	30.17 -2.69 -0.04
INDIAN POINT_GT_1 24139	36.66 0.89 0.00	34.93 0.95 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.01 0.76 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.55 1.63 0.00	44.03 1.69 0.00	43.05 1.66 0.00	41.26 1.66 0.00	41.10 1.73 0.00	42.84 1.81 0.00	46.00 2.06 0.00	50.83 2.37 0.00	54.13 2.68 0.00	58.40 3.24 -0.17	53.64 2.94 0.00	44.43 1.97 -4.50	40.27 1.92 0.00	34.54 1.44 -0.28
INDIAN POINT_GT_2 23659	36.66 0.89 0.00	34.93 0.95 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.01 0.76 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.55 1.63 0.00	44.03 1.69 0.00	43.05 1.66 0.00	41.26 1.66 0.00	41.10 1.73 0.00	42.84 1.81 0.00	46.00 2.06 0.00	50.83 2.37 0.00	54.13 2.68 0.00	58.40 3.24 -0.17	53.64 2.94 0.00	44.43 1.97 -4.50	40.27 1.92 0.00	34.54 1.44 -0.28
INDIAN POINT_GT_3 24019	36.66 0.89 0.00	34.93 0.95 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.01 0.76 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.55 1.63 0.00	44.03 1.69 0.00	43.05 1.66 0.00	41.26 1.66 0.00	41.10 1.73 0.00	42.84 1.81 0.00	46.00 2.06 0.00	50.83 2.37 0.00	54.13 2.68 0.00	58.40 3.24 -0.17	53.64 2.94 0.00	44.43 1.97 -4.50	40.27 1.92 0.00	34.54 1.44 -0.28
INDIAN POINT___2 23530	36.56 0.79 0.00	34.76 0.78 0.00	33.54 0.69 0.00	33.64 0.72 0.00	33.91 0.66 0.00	34.52 0.68 0.00	35.88 0.81 0.00	37.55 1.20 0.00	37.98 1.14 0.00	42.03 1.38 0.00	44.33 1.41 0.00	43.82 1.48 0.00	42.84 1.45 0.00	41.10 1.50 0.00	40.95 1.58 0.00	42.67 1.64 0.00	45.82 1.89 0.00	50.64 2.18 0.00	53.93 2.47 0.00	58.01 2.86 -0.17	53.49 2.79 0.00	44.16 1.82 -4.38	40.12 1.77 0.00	34.46 1.38 -0.27
INDIAN POINT___3 23531	36.70 0.93 0.00	34.97 0.99 0.00	33.67 0.82 0.00	33.77 0.86 0.00	34.08 0.83 0.00	34.66 0.81 0.00	36.05 0.98 0.00	37.70 1.35 0.00	38.20 1.36 0.00	42.23 1.59 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.09 1.70 0.00	41.34 1.74 0.00	41.18 1.81 0.00	42.92 1.89 0.00	46.09 2.15 0.00	50.93 2.47 0.00	54.24 2.78 0.00	58.46 3.30 -0.17	53.75 3.04 0.00	44.53 2.05 -4.53	40.35 1.99 0.00	34.61 1.51 -0.28
INGHAM_C_115KV_TB7 356103	35.23 -0.54 0.00	33.44 -0.54 0.00	32.29 -0.56 0.00	32.32 -0.59 0.00	32.55 -0.70 0.00	33.07 -0.78 0.00	34.23 -0.84 0.00	35.45 -0.91 0.00	35.84 -0.99 0.00	39.55 -1.10 0.00	41.89 -1.03 0.00	41.28 -1.06 0.00	40.36 -1.03 0.00	38.61 -0.99 0.00	38.39 -0.98 0.00	40.00 -1.03 0.00	42.79 -1.14 0.00	47.20 -1.26 0.00	50.17 -1.29 0.00	53.66 -1.32 0.00	49.39 -1.32 0.00	37.01 -0.95 0.00	37.40 -0.96 0.00	31.99 -0.82 0.00
IP CORINTH___1 23988	37.49 1.72 0.00	35.58 1.60 0.00	34.43 1.58 0.00	34.50 1.58 0.00	34.88 1.63 0.00	35.51 1.66 0.00	36.86 1.79 0.00	38.46 2.11 0.00	38.86 2.03 0.00	42.97 2.32 0.00	45.37 2.45 0.00	44.75 2.41 0.00	43.71 2.32 0.00	41.93 2.34 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.53 2.59 0.00	51.37 2.91 0.00	54.85 3.40 0.00	58.72 3.52 -0.22	53.90 3.19 0.00	45.97 2.24 -5.77	40.70 2.34 0.00	34.98 1.80 -0.36

IP___TICONDEROGA 23804	38.13 2.36 0.00	36.12 2.14 0.00	35.02 2.17 0.00	35.09 2.17 0.00	35.47 2.23 0.00	36.15 2.30 0.00	37.56 2.49 0.00	39.26 2.91 0.00	39.60 2.76 0.00	43.74 3.09 0.00	46.05 3.13 0.00	45.43 3.09 0.00	44.33 2.94 0.00	42.57 2.97 0.00	42.36 2.99 0.00	44.03 3.00 0.00	47.27 3.34 0.00	52.19 3.73 0.00	56.04 4.58 0.00	59.99 4.78 -0.22	54.96 4.26 0.00	46.64 2.92 -5.76	41.42 3.07 0.00	35.60 2.43 -0.36
ISLIP_RES_REC 323679	37.16 1.39 0.00	35.65 1.66 0.00	33.97 1.12 0.00	33.87 0.96 0.00	34.04 0.80 0.00	34.15 0.30 0.00	35.67 0.60 0.00	37.55 1.20 0.00	37.39 0.55 0.00	42.03 1.38 0.00	44.55 1.63 0.00	44.11 1.78 0.00	43.09 1.70 0.00	41.54 1.94 0.00	42.05 2.68 0.00	43.53 2.50 0.00	46.79 2.85 0.00	51.46 3.01 0.00	54.13 2.67 0.00	58.46 3.30 -0.18	54.05 3.35 0.00	44.99 2.43 -4.60	41.08 2.72 0.00	35.33 2.23 -0.29
JAMAICA__27_KV_LOAD 355505	37.06 1.29 0.00	35.24 1.26 0.00	33.57 0.72 0.00	33.77 0.86 0.00	33.98 0.73 0.00	34.59 0.74 0.00	36.12 1.05 0.00	38.03 1.67 0.00	38.57 1.73 0.00	42.68 2.03 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.38 1.99 0.00	41.54 1.94 0.00	41.42 2.05 0.00	43.12 2.09 0.00	46.18 2.24 0.00	51.17 2.71 0.00	54.54 3.09 0.00	59.06 3.90 -0.18	54.10 3.40 0.00	44.87 2.32 -4.60	40.66 2.30 0.00	34.81 1.71 -0.29
JANIS___SOLAR 323808	37.16 1.39 0.00	35.24 1.26 0.00	34.03 1.18 0.00	34.00 1.08 0.00	34.41 1.16 0.00	35.03 1.18 0.00	36.40 1.33 0.00	37.55 1.20 0.00	37.94 1.10 0.00	41.59 0.94 0.00	43.60 0.68 0.00	42.76 0.42 0.00	41.60 0.21 0.00	39.68 0.08 0.00	39.41 0.04 0.00	41.24 0.21 0.00	44.37 0.44 0.00	49.23 0.77 0.00	52.74 1.29 0.00	56.19 1.16 -0.05	51.62 0.91 0.00	39.72 0.53 -1.24	38.93 0.58 0.00	33.18 0.29 -0.08
JARVIS____ 23743	35.84 0.07 0.00	34.05 0.07 0.00	32.95 0.10 0.00	33.01 0.10 0.00	33.35 0.10 0.00	33.95 0.10 0.00	35.18 0.11 0.00	36.46 0.11 0.00	36.91 0.07 0.00	40.73 0.08 0.00	43.05 0.13 0.00	42.46 0.13 0.00	41.52 0.12 0.00	39.72 0.12 0.00	39.49 0.12 0.00	41.15 0.12 0.00	44.11 0.18 0.00	48.65 0.19 0.00	51.77 0.31 0.00	55.32 0.33 0.00	50.96 0.25 0.00	38.15 0.19 0.00	38.59 0.23 0.00	32.94 0.13 0.00
JENNISON___1 23625	37.09 1.32 0.00	35.20 1.22 0.00	34.03 1.18 0.00	34.00 1.09 0.00	34.38 1.13 0.00	34.96 1.12 0.00	36.37 1.30 0.00	37.55 1.20 0.00	38.02 1.18 0.00	41.79 1.14 0.00	43.99 1.07 0.00	43.22 0.89 0.00	42.10 0.70 0.00	40.19 0.59 0.00	39.92 0.55 0.00	41.73 0.70 0.00	44.77 0.83 0.00	49.52 1.07 0.00	52.95 1.49 0.00	56.36 1.32 -0.06	51.67 0.96 0.00	40.08 0.53 -1.59	39.01 0.65 0.00	33.21 0.30 -0.10
JENNISON___2 23626	37.09 1.32 0.00	35.20 1.22 0.00	34.03 1.18 0.00	34.00 1.09 0.00	34.38 1.13 0.00	34.96 1.12 0.00	36.37 1.30 0.00	37.55 1.20 0.00	38.02 1.18 0.00	41.79 1.14 0.00	43.99 1.07 0.00	43.22 0.89 0.00	42.10 0.70 0.00	40.19 0.59 0.00	39.92 0.55 0.00	41.73 0.70 0.00	44.77 0.83 0.00	49.52 1.07 0.00	52.95 1.49 0.00	56.36 1.32 -0.06	51.67 0.96 0.00	40.08 0.53 -1.59	39.01 0.65 0.00	33.21 0.30 -0.10
JERICHO_RISE_WT_PWR 323719	35.99 0.22 0.00	34.25 0.27 0.00	33.14 0.29 0.00	33.28 0.36 0.00	33.54 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.95 0.11 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.33 0.00 0.00	41.43 0.04 0.00	39.72 0.12 0.00	39.41 0.04 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.72 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.28 -1.07 0.00	31.86 -0.95 0.00
KATONAH__115KV_46KV_TB4 355592	36.99 1.22 0.00	35.17 1.19 0.00	33.90 1.05 0.00	34.00 1.09 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.23 1.16 0.00	37.99 1.64 0.00	38.42 1.58 0.00	42.52 1.87 0.00	45.02 2.10 0.00	44.45 2.12 0.00	43.42 2.03 0.00	41.66 2.06 0.00	41.50 2.13 0.00	43.21 2.17 0.00	46.40 2.46 0.00	51.27 2.81 0.00	54.60 3.14 0.00	58.84 3.68 -0.18	54.10 3.40 0.00	44.87 2.28 -4.64	40.62 2.26 0.00	34.81 1.71 -0.29
KCE_NY_1 323755	37.31 1.54 0.00	35.44 1.46 0.00	34.29 1.44 0.00	34.36 1.45 0.00	34.71 1.46 0.00	35.41 1.56 0.00	36.69 1.61 0.00	38.21 1.85 0.00	38.64 1.80 0.00	42.68 2.03 0.00	45.07 2.15 0.00	44.49 2.16 0.00	43.50 2.11 0.00	41.70 2.10 0.00	41.50 2.12 0.00	43.20 2.17 0.00	46.35 2.41 0.00	51.12 2.66 0.00	54.54 3.09 -0.22	58.45 3.24 0.00	53.64 2.94 0.00	45.84 2.12 -5.76	40.58 2.22 0.00	34.88 1.71 -0.36
KCE_NY_6_ESR 323823	35.20 -0.57 0.00	33.30 -0.68 0.00	32.19 -0.66 0.00	31.73 -1.18 0.00	32.48 -0.76 0.00	33.17 -0.68 0.00	34.65 -0.42 0.00	35.41 -0.95 0.00	36.03 -0.81 0.00	39.43 -1.22 0.00	41.03 -1.89 0.00	40.39 -1.95 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.97 -2.40 0.00	38.65 -2.38 0.00	40.77 -3.16 0.00	44.58 -3.88 0.00	47.65 -3.81 -0.03	49.51 -5.50 0.00	46.90 -3.80 0.00	35.25 -3.45 -0.75	35.67 -2.69 0.00	30.10 -2.76 -0.05
KEDC_PORT_JEFF_GT2 24210	37.09 1.32 0.00	35.55 1.56 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.48 1.13 0.00	37.35 0.52 0.00	41.99 1.34 0.00	44.42 1.50 0.00	44.03 1.70 0.00	43.00 1.61 0.00	41.46 1.86 0.00	41.97 2.60 0.00	43.45 2.42 0.00	46.66 2.72 0.00	51.32 2.86 0.00	53.93 2.47 0.00	58.24 3.08 -0.18	53.90 3.20 0.00	44.88 2.32 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
KEDC_PORT_JEFF_GT3 24211	37.09 1.32 0.00	35.55 1.56 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.48 1.13 0.00	37.35 0.52 0.00	41.99 1.34 0.00	44.42 1.50 0.00	44.03 1.70 0.00	43.00 1.61 0.00	41.46 1.86 0.00	41.97 2.60 0.00	43.45 2.42 0.00	46.66 2.72 0.00	51.32 2.86 0.00	53.93 2.47 0.00	58.24 3.08 -0.18	53.90 3.20 0.00	44.88 2.32 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
KEDC_GLWD_GT4 24219	37.24 1.47 0.00	35.44 1.46 0.00	33.90 1.05 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.69 0.85 0.00	36.16 1.09 0.00	37.92 1.56 0.00	38.16 1.32 0.00	42.48 1.83 0.00	45.02 2.10 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.89 2.30 0.00	41.85 2.48 0.00	43.49 2.46 0.00	46.70 2.77 0.00	51.46 3.01 0.00	54.60 3.14 0.00	58.84 3.68 -0.18	54.30 3.60 0.00	45.03 2.47 -4.60	40.81 2.46 0.00	35.04 1.94 -0.29
KEDC_GLWD_GT5 24220	37.24 1.47 0.00	35.44 1.46 0.00	33.90 1.05 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.69 0.85 0.00	36.16 1.09 0.00	37.92 1.56 0.00	38.16 1.32 0.00	42.48 1.83 0.00	45.02 2.10 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.89 2.30 0.00	41.85 2.48 0.00	43.49 2.46 0.00	46.70 2.77 0.00	51.46 3.01 0.00	54.60 3.14 0.00	58.84 3.68 -0.18	54.30 3.60 0.00	45.03 2.47 -4.60	40.81 2.46 0.00	35.04 1.94 -0.29

KENSICO____ 23655	36.88 1.11 0.00	35.10 1.12 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.21 0.96 0.00	34.80 0.95 0.00	36.19 1.12 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.34 1.95 0.00	41.58 1.98 0.00	41.42 2.05 0.00	43.16 2.13 0.00	46.31 2.37 0.00	51.22 2.76 0.00	54.49 3.04 0.00	58.84 3.68 -0.17	54.05 3.35 0.00	44.83 2.28 -4.59	40.54 2.19 0.00	34.77 1.67 -0.29
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.88 1.11 0.00	35.14 1.16 0.00	33.83 0.99 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.90 1.05 0.00	36.19 1.12 0.00	37.77 1.42 0.00	38.27 1.44 0.00	42.23 1.59 0.00	44.51 1.59 0.00	43.90 1.57 0.00	42.92 1.53 0.00	41.10 1.50 0.00	40.95 1.57 0.00	42.71 1.68 0.00	45.96 2.02 0.00	50.88 2.42 0.00	54.29 2.83 0.00	58.50 3.35 -0.17	53.80 3.09 0.00	44.43 2.09 -4.38	40.39 2.03 0.00	34.53 1.44 -0.28
KIAC_JFK_GT1 23816	36.84 1.07 0.00	35.07 1.09 0.00	33.41 0.56 0.00	33.61 0.69 0.00	33.81 0.57 0.00	34.42 0.58 0.00	35.95 0.88 0.00	37.84 1.49 0.00	38.38 1.55 0.00	42.48 1.83 0.00	44.64 1.72 0.00	44.11 1.78 0.00	43.13 1.74 0.00	41.34 1.74 0.00	41.18 1.81 0.00	42.92 1.89 0.00	45.78 1.85 0.00	50.69 2.23 0.00	54.03 2.57 0.00	58.51 3.35 -0.18	53.64 2.94 0.00	44.65 2.09 -4.60	40.47 2.11 0.00	34.64 1.54 -0.29
KIAC_JFK_GT2 23817	36.84 1.07 0.00	35.07 1.09 0.00	33.41 0.56 0.00	33.61 0.69 0.00	33.81 0.57 0.00	34.42 0.58 0.00	35.95 0.88 0.00	37.84 1.49 0.00	38.38 1.55 0.00	42.48 1.83 0.00	44.64 1.72 0.00	44.11 1.78 0.00	43.13 1.74 0.00	41.34 1.74 0.00	41.18 1.81 0.00	42.92 1.89 0.00	45.78 1.85 0.00	50.69 2.23 0.00	54.03 2.57 0.00	58.51 3.35 -0.18	53.64 2.94 0.00	44.65 2.09 -4.60	40.47 2.11 0.00	34.64 1.54 -0.29
KIAC_JFK____ 323774	36.81 1.04 0.00	35.00 1.02 0.00	33.41 0.56 0.00	33.61 0.69 0.00	33.81 0.56 0.00	34.42 0.57 0.00	35.95 0.88 0.00	37.81 1.46 0.00	38.31 1.48 0.00	42.48 1.83 0.00	44.59 1.67 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.30 1.70 0.00	41.18 1.81 0.00	42.88 1.85 0.00	45.78 1.84 0.00	50.69 2.23 0.00	54.03 2.57 0.00	58.29 3.13 -0.18	53.64 2.94 0.00	44.61 2.05 -4.60	40.46 2.11 0.00	34.71 1.61 -0.29
KINTIGH____ 23543	34.55 -1.22 0.00	32.55 -1.43 0.00	31.53 -1.31 0.00	31.24 -1.68 0.00	31.92 -1.33 0.00	32.63 -1.22 0.00	33.99 -1.09 0.00	34.75 -1.60 0.00	35.22 -1.62 0.00	38.74 -1.91 0.00	40.26 -2.66 0.00	39.71 -2.62 0.00	38.70 -2.69 0.00	36.98 -2.61 0.00	36.58 -2.80 0.00	38.24 -2.79 0.00	40.42 -3.51 0.00	44.24 -4.22 0.00	47.24 -4.22 0.00	50.11 -4.89 -0.02	46.65 -4.06 0.00	35.81 -2.77 -0.63	35.44 -2.92 0.00	30.72 -2.13 -0.04
KNTFSRNC_46_KV_46KV_LOAD 80397	36.77 1.00 0.00	34.97 0.99 0.00	33.83 0.99 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	35.53 0.46 0.00	36.79 0.44 0.00	37.61 0.77 0.00	41.50 0.85 0.00	43.61 0.69 0.00	42.97 0.64 0.00	42.05 0.66 0.00	40.39 0.79 0.00	40.00 0.63 0.00	41.61 0.57 0.00	44.64 0.70 0.00	48.94 0.48 0.00	51.61 0.15 0.00	55.15 0.16 0.00	50.55 -0.15 0.00	37.54 -0.42 0.00	37.97 -0.38 0.00	32.42 -0.39 0.00
LACHUTE__HYDRO 323717	38.13 2.36 0.00	36.12 2.14 0.00	35.02 2.17 0.00	35.09 2.17 0.00	35.47 2.23 0.00	36.29 2.44 0.00	37.56 2.49 0.00	39.26 2.91 0.00	39.60 2.76 0.00	43.74 3.09 0.00	46.05 3.13 0.00	45.42 3.09 0.00	44.37 2.98 0.00	42.57 2.97 0.00	42.32 2.95 0.00	44.02 2.99 0.00	47.32 3.38 0.00	52.19 3.73 0.00	56.04 4.58 0.00	60.10 4.89 -0.22	54.96 4.26 0.00	46.68 2.96 -5.76	41.43 3.07 0.00	35.47 2.30 -0.36
LAWRNCV_115KV_TB1 80681	35.20 -0.57 0.00	33.51 -0.48 0.00	32.39 -0.46 0.00	32.49 -0.43 0.00	32.71 -0.53 0.00	33.27 -0.58 0.00	34.30 -0.77 0.00	35.52 -0.84 0.00	36.21 -0.63 0.00	39.88 -0.77 0.00	41.98 -0.94 0.00	41.40 -0.93 0.00	40.48 -0.91 0.00	38.85 -0.75 0.00	38.54 -0.83 0.00	40.09 -0.94 0.00	42.97 -0.97 0.00	47.30 -1.16 0.00	50.02 -1.44 0.00	53.61 -1.37 0.00	49.18 -1.52 0.00	36.78 -1.18 0.00	37.05 -1.30 0.00	31.73 -1.08 0.00
LEDERLE____ 23769	36.77 1.00 0.00	35.03 1.05 0.00	33.74 0.89 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.73 0.88 0.00	36.09 1.02 0.00	37.77 1.42 0.00	38.27 1.44 0.00	42.28 1.63 0.00	44.68 1.76 0.00	44.16 1.82 0.00	43.17 1.78 0.00	41.38 1.78 0.00	41.22 1.85 0.00	42.96 1.93 0.00	46.13 2.20 0.00	50.98 2.52 0.00	54.34 2.88 0.00	58.56 3.41 -0.17	53.85 3.14 0.00	44.48 2.13 -4.40	40.39 2.03 0.00	34.63 1.54 -0.28
LIGHTHSE_115KV_TB6 355974	35.20 -0.57 0.00	33.37 -0.61 0.00	32.26 -0.59 0.00	32.29 -0.63 0.00	32.65 -0.60 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.63 -0.73 0.00	35.95 -0.88 0.00	39.59 -1.06 0.00	41.68 -1.24 0.00	41.02 -1.31 0.00	40.07 -1.32 0.00	38.21 -1.39 0.00	37.95 -1.42 0.00	39.64 -1.40 0.00	42.49 -1.45 0.00	47.00 -1.45 0.00	50.17 -1.29 0.00	53.68 -1.32 -0.01	49.33 -1.37 0.00	37.33 -0.95 -0.33	37.36 -1.00 0.00	32.01 -0.82 -0.02
LINDEN COGEN____ 23786	36.74 0.97 0.00	34.93 0.95 0.00	33.64 0.79 0.00	33.77 0.85 0.00	34.01 0.77 0.00	34.59 0.74 0.00	36.05 0.98 0.00	37.85 1.49 0.00	38.31 1.48 0.00	42.44 1.79 0.00	44.76 1.84 0.00	44.28 1.95 0.00	43.34 1.95 0.00	41.50 1.90 0.00	41.38 2.01 0.00	43.08 2.05 0.00	46.22 2.28 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.73 3.57 -0.18	54.10 3.40 0.00	44.76 2.20 -4.60	40.50 2.15 0.00	34.77 1.67 -0.29
LINDHRST_69_KV_BK1 356055	37.34 1.57 0.00	35.82 1.84 0.00	33.97 1.12 0.00	33.90 0.99 0.00	34.24 1.00 0.00	34.66 0.81 0.00	35.95 0.88 0.00	37.81 1.45 0.00	37.79 0.96 0.00	42.28 1.63 0.00	45.07 2.15 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.93 2.34 0.00	42.17 2.80 0.00	43.74 2.71 0.00	47.01 3.08 0.00	51.61 3.15 0.00	54.54 3.09 0.00	59.23 4.07 -0.18	54.46 3.75 0.00	45.52 2.96 -4.60	41.16 2.80 0.00	35.27 2.17 -0.29
LIPA_MISC_IPP 23656	36.77 1.00 0.00	35.71 1.73 0.00	33.70 0.85 0.00	33.64 0.72 0.00	33.94 0.70 0.00	34.08 0.24 0.00	35.21 0.14 0.00	37.08 0.73 0.00	36.95 0.11 0.00	41.46 0.81 0.00	44.21 1.29 0.00	43.69 1.35 0.00	42.63 1.24 0.00	41.14 1.54 0.00	41.81 2.44 0.00	43.21 2.17 0.00	46.40 2.46 0.00	50.98 2.52 0.00	53.52 2.06 0.00	58.24 3.08 -0.18	53.54 2.84 0.00	45.03 2.47 -4.60	40.77 2.42 0.00	35.07 1.97 -0.29
LISF__SOLAR 323691	36.81 1.04 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.67 0.76 0.00	33.81 0.56 0.00	33.75 -0.10 0.00	35.25 0.18 0.00	37.12 0.76 0.00	36.95 0.11 0.00	41.62 0.97 0.00	43.99 1.07 0.00	43.56 1.23 0.00	42.55 1.16 0.00	41.02 1.42 0.00	41.73 2.36 0.00	43.16 2.13 0.00	46.26 2.33 0.00	50.98 2.52 0.00	53.41 1.95 -0.18	57.74 2.58 0.00	53.44 2.74 0.00	44.53 1.97 -4.60	40.74 2.38 0.00	35.14 2.04 -0.29

LITTLE FALLS___HYD 24013	35.23 -0.54 0.00	33.44 -0.54 0.00	32.29 -0.56 0.00	32.32 -0.59 0.00	32.55 -0.70 0.00	33.07 -0.78 0.00	34.23 -0.84 0.00	35.45 -0.91 0.00	35.84 -0.99 0.00	39.55 -1.10 0.00	41.89 -1.03 0.00	41.28 -1.06 0.00	40.36 -1.03 0.00	38.61 -0.99 0.00	38.39 -0.98 0.00	40.00 -1.03 0.00	42.79 -1.14 0.00	47.20 -1.26 0.00	50.17 -1.29 0.00	53.66 -1.32 0.00	49.39 -1.32 0.00	37.01 -0.95 0.00	37.40 -0.96 0.00	31.99 -0.82 0.00
LITTLRIV_115KV_TB1 356100	35.56 -0.21 0.00	33.85 -0.14 0.00	32.72 -0.13 0.00	32.82 -0.10 0.00	33.05 -0.20 0.00	33.61 -0.24 0.00	34.62 -0.46 0.00	35.85 -0.51 0.00	36.51 -0.33 0.00	40.16 -0.49 0.00	42.28 -0.64 0.00	41.66 -0.68 0.00	40.73 -0.66 0.00	39.08 -0.51 0.00	38.78 -0.59 0.00	40.33 -0.70 0.00	43.32 -0.62 0.00	47.68 -0.78 0.00	50.53 -0.93 0.00	54.27 -0.71 0.00	49.64 -1.06 0.00	37.16 -0.80 0.00	37.40 -0.96 0.00	32.02 -0.79 0.00
LI_NEWBRDGE___DRP 323616	36.95 1.18 0.00	35.34 1.36 0.00	33.57 0.72 0.00	33.57 0.66 0.00	33.88 0.63 0.00	34.32 0.47 0.00	35.63 0.56 0.00	37.44 1.09 0.00	37.54 0.70 0.00	41.91 1.26 0.00	44.64 1.72 0.00	44.16 1.82 0.00	43.13 1.74 0.00	41.54 1.94 0.00	41.65 2.28 0.00	43.25 2.22 0.00	46.48 2.55 0.00	50.98 2.52 0.00	53.98 2.52 0.00	58.51 3.35 -0.18	53.80 3.09 0.00	44.99 2.43 -4.60	40.62 2.26 0.00	34.81 1.71 -0.29
LOCKPORT_115KV_TB60_63_64 80432	34.48 -1.29 0.00	32.45 -1.53 0.00	31.50 -1.35 0.00	31.07 -1.84 0.00	31.82 -1.43 0.00	32.53 -1.32 0.00	33.91 -1.16 0.00	34.61 -1.75 0.00	35.03 -1.81 0.00	38.54 -2.11 0.00	39.87 -3.05 0.00	39.33 -3.01 0.00	38.29 -3.10 0.00	36.63 -2.97 0.00	36.10 -3.27 0.00	37.79 -3.24 0.00	39.85 -4.09 0.00	43.56 -4.89 0.00	46.57 -4.89 0.00	49.02 -5.99 -0.03	45.94 -4.77 0.00	35.00 -3.64 -0.68	34.98 -3.38 0.00	30.00 -2.85 -0.04
LOCKPORT___CC1 323769	34.52 -1.25 0.00	32.59 -1.39 0.00	31.50 -1.35 0.00	31.07 -1.84 0.00	31.82 -1.43 0.00	32.53 -1.32 0.00	33.92 -1.16 0.00	34.65 -1.71 0.00	35.22 -1.62 0.00	38.53 -2.12 0.00	40.13 -2.79 0.00	39.45 -2.88 0.00	38.29 -3.11 0.00	36.63 -2.97 0.00	36.14 -3.23 0.00	37.79 -3.24 0.00	39.85 -4.08 0.00	43.51 -4.94 0.00	46.52 -4.94 0.00	49.07 -5.94 -0.03	45.89 -4.82 0.00	35.04 -3.61 -0.69	34.94 -3.41 0.00	29.97 -2.89 -0.04
LOCKPORT___CC2 323770	34.52 -1.25 0.00	32.59 -1.39 0.00	31.50 -1.35 0.00	31.07 -1.84 0.00	31.82 -1.43 0.00	32.53 -1.32 0.00	33.92 -1.16 0.00	34.65 -1.71 0.00	35.22 -1.62 0.00	38.53 -2.12 0.00	40.13 -2.79 0.00	39.45 -2.88 0.00	38.29 -3.11 0.00	36.63 -2.97 0.00	36.14 -3.23 0.00	37.79 -3.24 0.00	39.85 -4.08 0.00	43.51 -4.94 0.00	46.52 -4.94 0.00	49.07 -5.94 -0.03	45.89 -4.82 0.00	35.04 -3.61 -0.69	34.94 -3.41 0.00	29.97 -2.89 -0.04
LOCKPORT___CC3 323771	34.52 -1.25 0.00	32.59 -1.39 0.00	31.50 -1.35 0.00	31.07 -1.84 0.00	31.82 -1.43 0.00	32.53 -1.32 0.00	33.92 -1.16 0.00	34.65 -1.71 0.00	35.22 -1.62 0.00	38.53 -2.12 0.00	40.13 -2.79 0.00	39.45 -2.88 0.00	38.29 -3.11 0.00	36.63 -2.97 0.00	36.14 -3.23 0.00	37.79 -3.24 0.00	39.85 -4.08 0.00	43.51 -4.94 0.00	46.52 -4.94 0.00	49.07 -5.94 -0.03	45.89 -4.82 0.00	35.04 -3.61 -0.69	34.94 -3.41 0.00	29.97 -2.89 -0.04
LONG_LAKE_PHOENIX 24014	35.23 -0.54 0.00	33.40 -0.58 0.00	32.29 -0.56 0.00	32.29 -0.63 0.00	32.68 -0.57 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.66 -0.69 0.00	36.06 -0.77 0.00	39.84 -0.81 0.00	41.93 -0.99 0.00	41.32 -1.02 0.00	40.40 -0.99 0.00	38.49 -1.11 0.00	38.23 -1.14 0.00	39.92 -1.11 0.00	42.71 -1.23 0.00	47.10 -1.36 0.00	50.12 -1.34 0.00	53.46 -1.54 -0.01	49.33 -1.37 0.00	37.41 -0.91 -0.36	37.44 -0.92 0.00	32.15 -0.69 -0.02
LOVETT___3 23632	36.63 0.86 0.00	34.90 0.92 0.00	33.60 0.76 0.00	33.71 0.79 0.00	34.01 0.76 0.00	34.59 0.74 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.55 1.63 0.00	43.99 1.65 0.00	43.01 1.61 0.00	41.22 1.62 0.00	41.10 1.73 0.00	42.79 1.76 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.08 2.62 0.00	58.34 3.19 -0.17	53.64 2.94 0.00	44.36 1.97 -4.43	40.24 1.88 0.00	34.53 1.44 -0.28
LOVETT___4 23642	36.63 0.86 0.00	34.90 0.92 0.00	33.60 0.76 0.00	33.71 0.79 0.00	34.01 0.76 0.00	34.59 0.74 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.55 1.63 0.00	43.99 1.65 0.00	43.01 1.61 0.00	41.22 1.62 0.00	41.10 1.73 0.00	42.79 1.76 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.08 2.62 0.00	58.34 3.19 -0.17	53.64 2.94 0.00	44.36 1.97 -4.43	40.24 1.88 0.00	34.53 1.44 -0.28
LOVETT___5 23593	36.63 0.86 0.00	34.90 0.92 0.00	33.60 0.76 0.00	33.71 0.79 0.00	34.01 0.76 0.00	34.59 0.74 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.55 1.63 0.00	43.99 1.65 0.00	43.01 1.61 0.00	41.22 1.62 0.00	41.10 1.73 0.00	42.79 1.76 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.08 2.62 0.00	58.34 3.19 -0.17	53.64 2.94 0.00	44.36 1.97 -4.43	40.24 1.88 0.00	34.53 1.44 -0.28
LOWER RAQUET___HYD 24057	35.02 -0.75 0.00	33.33 -0.65 0.00	32.19 -0.66 0.00	32.29 -0.63 0.00	32.55 -0.70 0.00	33.10 -0.74 0.00	34.09 -0.98 0.00	35.34 -1.02 0.00	35.99 -0.85 0.00	39.63 -1.01 0.00	41.72 -1.20 0.00	41.11 -1.23 0.00	40.23 -1.16 0.00	38.61 -0.99 0.00	38.27 -1.10 0.00	39.80 -1.23 0.00	42.71 -1.23 0.00	47.01 -1.45 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.88 -1.82 0.00	36.55 -1.40 0.00	36.82 -1.54 0.00	31.53 -1.28 0.00
LOWER___HUDSON 24059	36.88 1.11 0.00	35.07 1.09 0.00	33.90 1.05 0.00	33.97 1.05 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.74 1.38 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.38 1.78 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.03 2.57 0.00	57.89 2.69 -0.22	53.24 2.53 0.00	45.51 1.90 -5.66	40.31 1.96 0.00	34.68 1.51 -0.36
LOWVILLE_115KV_TB2 356335	35.73 -0.04 0.00	33.98 0.00 0.00	32.85 0.00 0.00	32.88 -0.03 0.00	33.21 -0.03 0.00	33.81 -0.03 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.32 -0.52 0.00	39.67 -0.98 0.00	41.76 -1.16 0.00	41.06 -1.27 0.00	40.07 -1.32 0.00	38.29 -1.31 0.00	38.07 -1.30 0.00	39.72 -1.31 0.00	42.75 -1.19 0.00	47.34 -1.11 0.00	50.69 -0.77 0.00	54.39 -0.60 -0.01	49.69 -1.01 0.00	37.40 -0.72 -0.17	37.55 -0.81 0.00	32.03 -0.79 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	37.31 1.54 0.00	35.44 1.46 0.00	34.26 1.41 0.00	34.36 1.45 0.00	34.71 1.46 0.00	35.34 1.49 0.00	36.69 1.61 0.00	38.21 1.85 0.00	38.60 1.77 0.00	42.64 1.99 0.00	45.07 2.15 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.50 2.13 0.00	43.21 2.17 0.00	46.31 2.37 0.00	51.12 2.67 0.00	54.49 3.04 -0.22	58.39 3.19 0.00	53.64 2.94 0.00	45.80 2.09 -5.76	40.54 2.19 0.00	34.91 1.74 -0.36

LUTHERNY_35_KV_BK2 355980	37.31 1.54 0.00	35.44 1.46 0.00	34.29 1.45 0.00	34.36 1.45 0.00	34.71 1.46 0.00	35.37 1.52 0.00	36.69 1.61 0.00	38.21 1.85 0.00	38.64 1.81 0.00	42.68 2.03 0.00	45.07 2.15 0.00	44.49 2.16 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.54 2.17 0.00	43.21 2.17 0.00	46.31 2.37 0.00	51.12 2.67 0.00	54.54 3.09 0.00	58.45 3.24 -0.22	53.64 2.94 0.00	45.84 2.13 -5.76	40.58 2.22 0.00	34.91 1.74 -0.36
LWR___OSWEGATCHIE_HYD 23850	34.98 -0.79 0.00	33.27 -0.71 0.00	32.16 -0.69 0.00	32.22 -0.69 0.00	32.48 -0.76 0.00	33.07 -0.78 0.00	34.16 -0.91 0.00	35.37 -0.98 0.00	35.73 -1.11 0.00	39.23 -1.42 0.00	41.29 -1.63 0.00	40.64 -1.69 0.00	39.69 -1.70 0.00	38.01 -1.58 0.00	37.76 -1.61 0.00	39.31 -1.72 0.00	42.27 -1.67 0.00	46.67 -1.79 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.78 -1.93 0.00	36.64 -1.44 -0.12	36.78 -1.57 0.00	31.44 -1.38 -0.01
LYONS_FALL_HYD 23570	35.95 0.18 0.00	34.15 0.17 0.00	33.05 0.20 0.00	33.08 0.17 0.00	33.41 0.17 0.00	33.98 0.14 0.00	35.28 0.21 0.00	36.50 0.15 0.00	36.69 -0.15 0.00	40.20 -0.45 0.00	42.41 -0.51 0.00	41.74 -0.59 0.00	40.73 -0.66 0.00	38.92 -0.67 0.00	38.70 -0.67 0.00	40.42 -0.61 0.00	43.41 -0.53 0.00	48.07 -0.39 0.00	51.30 -0.15 0.00	54.99 0.00 -0.01	50.35 -0.35 0.00	37.89 -0.23 -0.16	38.05 -0.31 0.00	32.46 -0.36 -0.01
MADISON___COUNTY_LFGE 323628	36.41 0.64 0.00	34.56 0.58 0.00	33.44 0.59 0.00	33.47 0.56 0.00	33.84 0.60 0.00	34.46 0.61 0.00	35.74 0.67 0.00	36.97 0.62 0.00	37.35 0.52 0.00	41.10 0.45 0.00	43.35 0.43 0.00	42.67 0.34 0.00	41.68 0.29 0.00	39.80 0.20 0.00	39.57 0.20 0.00	41.32 0.29 0.00	44.33 0.40 0.00	49.04 0.58 0.00	52.33 0.87 0.00	55.93 0.93 -0.01	51.36 0.66 0.00	38.72 0.49 -0.27	38.85 0.50 0.00	33.16 0.33 -0.02
MALONE___115KV_TB1 356076	36.27 0.50 0.00	34.53 0.54 0.00	33.37 0.53 0.00	33.51 0.59 0.00	33.78 0.53 0.00	34.36 0.51 0.00	35.25 0.18 0.00	36.54 0.18 0.00	37.35 0.52 0.00	41.22 0.57 0.00	43.31 0.39 0.00	42.67 0.34 0.00	41.76 0.37 0.00	40.11 0.51 0.00	39.73 0.35 0.00	41.32 0.29 0.00	44.29 0.35 0.00	48.60 0.15 0.00	51.25 -0.21 0.00	54.82 -0.16 0.00	50.25 -0.46 0.00	37.39 -0.57 0.00	37.63 -0.73 0.00	32.16 -0.66 0.00
MAPLEWOD_115KV_TB3 80458	36.52 0.75 0.00	34.70 0.71 0.00	33.54 0.69 0.00	33.64 0.72 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.91 0.84 0.00	37.41 1.05 0.00	37.79 0.96 0.00	41.79 1.14 0.00	44.68 1.76 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.38 1.78 0.00	41.18 1.81 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.74 2.28 0.00	54.03 2.57 0.00	57.89 2.69 -0.21	53.24 2.54 0.00	45.41 1.82 -5.63	40.31 1.96 0.00	34.67 1.51 -0.35
MAPLE_RIDGE_WT_1 323574	35.66 -0.11 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.83 -0.24 0.00	36.06 -0.29 0.00	36.58 -0.26 0.00	40.37 -0.28 0.00	42.58 -0.34 0.00	41.95 -0.38 0.00	41.02 -0.37 0.00	39.28 -0.32 0.00	39.02 -0.36 0.00	40.62 -0.41 0.00	43.45 -0.48 0.00	47.78 -0.68 0.00	50.58 -0.88 0.00	54.05 -0.94 0.00	49.69 -1.01 0.00	37.16 -0.80 0.00	37.51 -0.84 0.00	32.09 -0.72 0.00
MAPLE_RIDGE_WT_2 323611	35.66 -0.11 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.83 -0.24 0.00	36.06 -0.29 0.00	36.58 -0.26 0.00	40.37 -0.28 0.00	42.58 -0.34 0.00	41.95 -0.38 0.00	41.02 -0.37 0.00	39.28 -0.32 0.00	39.02 -0.36 0.00	40.62 -0.41 0.00	43.45 -0.48 0.00	47.78 -0.68 0.00	50.58 -0.88 0.00	54.05 -0.94 0.00	49.69 -1.01 0.00	37.16 -0.80 0.00	37.51 -0.84 0.00	32.09 -0.72 0.00
MARBLE_RIVER_WT_PWR 323696	35.99 0.22 0.00	34.29 0.31 0.00	33.14 0.29 0.00	33.28 0.36 0.00	33.54 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.21 -0.14 0.00	36.95 0.11 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.29 -0.04 0.00	41.39 0.00 0.00	39.68 0.08 0.00	39.37 0.00 0.00	40.95 -0.08 0.00	43.89 -0.04 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.72 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.36 -1.00 0.00	31.93 -0.88 0.00
MARSHVLE_115KV_TB1 80742	38.06 2.29 0.00	36.05 2.07 0.00	34.95 2.10 0.00	34.99 2.07 0.00	35.37 2.13 0.00	36.05 2.20 0.00	37.25 2.17 0.00	38.64 2.29 0.00	38.94 2.10 0.00	42.72 2.07 0.00	44.81 1.89 0.00	44.28 1.95 0.00	43.42 2.03 0.00	41.54 1.94 0.00	41.26 1.89 0.00	42.92 1.89 0.00	46.31 2.37 0.00	51.46 3.00 0.00	55.26 3.81 0.00	59.30 4.07 -0.25	54.35 3.65 0.00	47.07 2.66 -6.46	41.04 2.68 0.00	35.28 2.07 -0.41
MARSH_HILL_WT_PWR 323713	35.99 0.22 0.00	34.02 0.03 0.00	32.75 -0.10 0.00	32.52 -0.39 0.00	33.02 -0.23 0.00	33.65 -0.20 0.00	35.11 0.04 0.00	35.99 -0.36 0.00	36.54 -0.30 0.00	40.04 -0.61 0.00	41.54 -1.38 0.00	40.47 -1.86 0.00	38.95 -2.44 0.00	36.98 -2.61 0.00	36.58 -2.79 0.00	38.32 -2.71 0.00	41.03 -2.90 0.00	45.55 -2.91 0.00	48.68 -2.78 0.00	51.28 -3.74 -0.04	47.46 -3.25 0.00	35.91 -3.00 -0.95	35.06 -3.30 0.00	29.72 -3.15 -0.06
MCINTYRE_115KV_TB2 80467	36.02 0.25 0.00	34.29 0.31 0.00	33.14 0.30 0.00	33.21 0.30 0.00	33.45 0.20 0.00	34.02 0.17 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.91 0.07 0.00	40.57 -0.08 0.00	42.71 -0.21 0.00	42.08 -0.25 0.00	41.14 -0.25 0.00	39.48 -0.12 0.00	39.17 -0.20 0.00	40.74 -0.29 0.00	43.76 -0.18 0.00	48.26 -0.19 0.00	51.15 -0.31 0.00	54.98 0.00 0.00	50.30 -0.41 0.00	37.61 -0.34 0.00	37.90 -0.46 0.00	32.45 -0.36 0.00
MECO_____69_KV_BK1 80468	38.38 2.61 0.00	36.39 2.41 0.00	35.25 2.40 0.00	35.29 2.37 0.00	35.67 2.43 0.00	36.35 2.50 0.00	37.67 2.60 0.00	39.15 2.80 0.00	39.38 2.54 0.00	43.29 2.64 0.00	45.50 2.58 0.00	44.92 2.58 0.00	43.92 2.52 0.00	42.05 2.46 0.00	41.85 2.48 0.00	43.57 2.54 0.00	46.92 2.99 0.00	52.09 3.63 0.00	55.93 4.48 0.00	60.00 4.78 -0.24	54.96 4.26 0.00	47.24 3.07 -6.21	41.50 3.15 0.00	35.66 2.46 -0.39
MENANDS___115KV_TB5 355628	36.34 0.57 0.00	34.56 0.58 0.00	33.41 0.56 0.00	33.51 0.59 0.00	33.81 0.57 0.00	34.42 0.58 0.00	35.77 0.70 0.00	37.23 0.87 0.00	37.61 0.77 0.00	41.58 0.93 0.00	44.64 1.72 0.00	44.03 1.69 0.00	43.09 1.70 0.00	41.34 1.74 0.00	41.14 1.77 0.00	42.88 1.85 0.00	45.91 1.98 0.00	50.64 2.18 0.00	53.93 2.47 0.00	57.78 2.58 -0.21	53.14 2.43 0.00	45.36 1.78 -5.62	40.24 1.88 0.00	34.64 1.48 -0.35
MG INDUSTRY___DRP 24185	36.41 0.64 0.00	34.63 0.65 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.91 0.66 0.00	34.56 0.71 0.00	35.84 0.77 0.00	37.26 0.91 0.00	37.65 0.81 0.00	41.54 0.89 0.00	44.38 1.46 0.00	43.77 1.44 0.00	42.80 1.41 0.00	41.02 1.43 0.00	40.83 1.46 0.00	42.55 1.52 0.00	45.56 1.63 0.00	50.30 1.84 0.00	53.57 2.11 0.00	57.45 2.25 -0.21	52.83 2.13 0.00	44.94 1.48 -5.51	40.01 1.65 0.00	34.37 1.21 -0.35

MID___OSWEGATCHIE_HYD 23849	34.98 -0.79 0.00	33.27 -0.71 0.00	32.16 -0.69 0.00	32.22 -0.69 0.00	32.48 -0.76 0.00	33.07 -0.78 0.00	34.16 -0.91 0.00	35.37 -0.98 0.00	35.73 -1.11 0.00	39.23 -1.42 0.00	41.29 -1.63 0.00	40.64 -1.69 0.00	39.69 -1.70 0.00	38.01 -1.58 0.00	37.76 -1.61 0.00	39.31 -1.72 0.00	42.27 -1.67 0.00	46.67 -1.79 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.78 -1.93 0.00	36.64 -1.44 -0.12	36.78 -1.57 0.00	31.44 -1.38 -0.01
MID___RAQUETTE_HYD 23851	35.02 -0.75 0.00	33.30 -0.68 0.00	32.19 -0.66 0.00	32.29 -0.63 0.00	32.55 -0.70 0.00	33.10 -0.74 0.00	34.09 -0.98 0.00	35.34 -1.02 0.00	35.99 -0.85 0.00	39.63 -1.02 0.00	41.72 -1.20 0.00	41.11 -1.23 0.00	40.23 -1.16 0.00	38.61 -0.99 0.00	38.27 -1.10 0.00	39.80 -1.23 0.00	42.71 -1.23 0.00	47.00 -1.45 0.00	49.71 -1.75 0.00	53.33 -1.65 0.00	48.88 -1.83 0.00	36.55 -1.40 0.00	36.82 -1.53 0.00	31.53 -1.28 0.00
MILLIKEN___1 23584	36.38 0.61 0.00	34.49 0.51 0.00	33.31 0.46 0.00	33.31 0.39 0.00	33.71 0.47 0.00	34.36 0.51 0.00	35.67 0.60 0.00	36.86 0.51 0.00	37.32 0.48 0.00	41.10 0.45 0.00	43.13 0.21 0.00	42.42 0.08 0.00	41.43 0.04 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.56 0.10 0.00	51.82 0.36 0.00	55.18 0.16 -0.04	50.91 0.20 0.00	38.95 0.08 -0.92	38.47 0.12 0.00	32.90 0.03 -0.06
MILLIKEN___2 23585	36.38 0.61 0.00	34.49 0.51 0.00	33.31 0.46 0.00	33.31 0.39 0.00	33.71 0.47 0.00	34.36 0.51 0.00	35.67 0.60 0.00	36.86 0.51 0.00	37.32 0.48 0.00	41.10 0.45 0.00	43.13 0.21 0.00	42.42 0.08 0.00	41.43 0.04 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.56 0.10 0.00	51.82 0.36 0.00	55.18 0.16 -0.04	50.91 0.20 0.00	38.95 0.08 -0.92	38.47 0.12 0.00	32.90 0.03 -0.06
MILLIKEN___DIESEL 23629	36.38 0.61 0.00	34.49 0.51 0.00	33.31 0.46 0.00	33.31 0.39 0.00	33.71 0.47 0.00	34.36 0.51 0.00	35.67 0.60 0.00	36.86 0.51 0.00	37.32 0.48 0.00	41.10 0.45 0.00	43.13 0.21 0.00	42.42 0.08 0.00	41.43 0.04 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.56 0.10 0.00	51.82 0.36 0.00	55.18 0.16 -0.04	50.91 0.20 0.00	38.95 0.08 -0.92	38.47 0.12 0.00	32.90 0.03 -0.06
MILLSEAT___LFGE 323607	35.24 -0.54 0.00	33.27 -0.72 0.00	32.13 -0.72 0.00	31.73 -1.18 0.00	32.55 -0.70 0.00	33.24 -0.61 0.00	34.62 -0.46 0.00	35.37 -0.98 0.00	36.03 -0.81 0.00	39.39 -1.26 0.00	41.03 -1.89 0.00	40.39 -1.95 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	37.01 -2.36 0.00	38.69 -2.34 0.00	40.95 -2.99 0.00	44.92 -3.54 0.00	47.96 -4.07 0.00	50.94 -3.19 -0.02	47.51 -2.47 0.00	36.14 -2.47 -0.65	35.98 -2.38 0.00	30.72 -2.13 -0.04
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.77 1.00 0.00	35.00 1.02 0.00	33.74 0.89 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.73 0.88 0.00	36.09 1.02 0.00	37.77 1.42 0.00	38.24 1.40 0.00	42.28 1.63 0.00	44.72 1.80 0.00	44.16 1.82 0.00	43.17 1.78 0.00	41.42 1.82 0.00	41.26 1.89 0.00	43.00 1.97 0.00	46.13 2.20 0.00	51.03 2.57 0.00	54.29 2.83 0.00	58.57 3.41 -0.17	53.80 3.09 0.00	44.62 2.13 -4.53	40.39 2.03 0.00	34.64 1.54 -0.28
MILLWOOD_13_KV_LOAD 356217	36.84 1.07 0.00	35.07 1.09 0.00	33.77 0.92 0.00	33.87 0.95 0.00	34.18 0.93 0.00	34.80 0.95 0.00	36.12 1.05 0.00	37.84 1.49 0.00	38.31 1.47 0.00	42.36 1.71 0.00	44.81 1.89 0.00	44.24 1.91 0.00	43.25 1.86 0.00	41.46 1.86 0.00	41.34 1.97 0.00	43.04 2.01 0.00	46.22 2.28 0.00	51.07 2.62 0.00	54.39 2.93 0.00	58.68 3.52 -0.17	53.90 3.19 0.00	44.65 2.16 -4.53	40.47 2.11 0.00	34.70 1.61 -0.28
MODEL_CITY_ENERGY 24167	34.16 -1.61 0.00	32.25 -1.73 0.00	31.21 -1.64 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.60 -1.47 0.00	34.28 -2.07 0.00	34.88 -1.95 0.00	38.17 -2.48 0.00	39.79 -3.13 0.00	39.08 -3.26 0.00	37.96 -3.44 0.00	36.31 -3.29 0.00	35.83 -3.54 0.00	37.46 -3.57 0.00	39.50 -4.44 0.00	43.08 -5.38 0.00	46.10 -5.35 0.00	48.58 -6.43 -0.03	45.48 -5.22 0.00	34.74 -3.91 -0.69	34.64 -3.72 0.00	29.74 -3.12 -0.04
MODERN_LFGE___ 323580	34.16 -1.61 0.00	32.25 -1.73 0.00	31.21 -1.64 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.60 -1.47 0.00	34.28 -2.07 0.00	34.88 -1.95 0.00	38.17 -2.48 0.00	39.79 -3.13 0.00	39.08 -3.26 0.00	37.96 -3.44 0.00	36.31 -3.29 0.00	35.83 -3.54 0.00	37.46 -3.57 0.00	39.50 -4.44 0.00	43.08 -5.38 0.00	46.10 -5.35 0.00	48.58 -6.43 -0.03	45.48 -5.22 0.00	34.74 -3.91 -0.69	34.64 -3.72 0.00	29.74 -3.12 -0.04
MOHAWK_PAPER___DRP 24187	36.52 0.75 0.00	34.70 0.71 0.00	33.54 0.69 0.00	33.64 0.72 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.91 0.84 0.00	37.41 1.05 0.00	37.79 0.96 0.00	41.79 1.14 0.00	44.68 1.76 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.38 1.78 0.00	41.18 1.81 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.74 2.28 0.00	54.03 2.57 0.00	57.89 2.69 -0.21	53.24 2.54 0.00	45.41 1.82 -5.63	40.31 1.96 0.00	34.67 1.51 -0.35
MOHICAN__35_KV_115KV_LD 80490	37.56 1.79 0.00	35.65 1.67 0.00	34.49 1.64 0.00	34.56 1.65 0.00	34.94 1.70 0.00	35.57 1.73 0.00	36.93 1.86 0.00	38.54 2.18 0.00	38.94 2.10 0.00	43.05 2.40 0.00	45.45 2.53 0.00	44.83 2.50 0.00	43.75 2.36 0.00	42.01 2.42 0.00	41.77 2.40 0.00	43.49 2.46 0.00	46.62 2.68 0.00	51.46 3.00 0.00	55.01 3.55 0.00	58.89 3.68 -0.22	54.05 3.35 0.00	46.07 2.35 -5.76	40.81 2.45 0.00	35.08 1.90 -0.36
MONGAUP___HYD 23641	36.77 1.00 0.00	35.00 1.02 0.00	33.74 0.89 0.00	33.84 0.92 0.00	34.14 0.90 0.00	34.76 0.91 0.00	36.09 1.02 0.00	37.63 1.27 0.00	38.05 1.21 0.00	41.91 1.26 0.00	44.21 1.29 0.00	43.65 1.31 0.00	42.68 1.28 0.00	40.83 1.23 0.00	40.67 1.30 0.00	42.43 1.40 0.00	45.38 1.45 0.00	49.91 1.45 0.00	53.31 1.85 0.00	57.34 2.20 -0.16	52.88 2.18 0.00	44.05 1.93 -4.16	40.27 1.92 0.00	34.48 1.41 -0.26
MONTAUK___DIESEL 23721	36.63 0.86 0.00	35.68 1.70 0.00	33.64 0.79 0.00	33.57 0.66 0.00	33.88 0.63 0.00	33.98 0.14 0.00	35.11 0.04 0.00	37.05 0.69 0.00	36.87 0.04 0.00	41.42 0.77 0.00	43.86 0.94 0.00	43.31 0.97 0.00	42.22 0.83 0.00	40.75 1.15 0.00	41.50 2.13 0.00	42.84 1.81 0.00	45.96 2.02 0.00	50.59 2.13 0.00	53.31 1.85 0.00	58.24 3.08 -0.18	53.75 3.04 0.00	45.10 2.54 -4.60	40.70 2.34 0.00	35.13 2.03 -0.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.91 0.14 0.00	33.88 -0.10 0.00	32.78 -0.07 0.00	32.16 -0.76 0.00	32.75 -0.50 0.00	33.34 -0.51 0.00	34.79 -0.28 0.00	35.66 -0.69 0.00	36.14 -0.70 0.00	39.67 -0.98 0.00	41.03 -1.89 0.00	40.39 -1.95 0.00	39.07 -2.32 0.00	37.26 -2.34 0.00	36.50 -2.87 0.00	38.12 -2.91 0.00	40.38 -3.56 0.00	44.39 -4.07 0.00	47.44 -4.01 0.00	49.24 -5.77 -0.03	46.60 -4.11 0.00	34.63 -4.14 -0.81	35.13 -3.22 0.00	29.35 -3.51 -0.05

MORRIS_RIDGE___SOLAR 323848	35.34 -0.43 0.00	33.40 -0.58 0.00	32.22 -0.63 0.00	31.96 -0.96 0.00	32.48 -0.76 0.00	33.10 -0.74 0.00	34.51 -0.56 0.00	35.37 -0.98 0.00	35.88 -0.96 0.00	39.35 -1.30 0.00	40.86 -2.06 0.00	40.01 -2.33 0.00	38.74 -2.65 0.00	36.90 -2.69 0.00	36.50 -2.87 0.00	38.12 -2.91 0.00	40.68 -3.25 0.00	44.68 -3.78 0.00	47.75 -3.71 0.00	50.35 -4.67 -0.04	46.90 -3.80 0.00	35.63 -3.26 -0.94	35.17 -3.18 0.00	29.92 -2.95 -0.06
MORTIMER_115KV_TB3 55949	35.23 -0.54 0.00	33.23 -0.75 0.00	32.16 -0.69 0.00	31.96 -0.95 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.58 -0.49 0.00	35.48 -0.87 0.00	35.99 -0.85 0.00	39.63 -1.02 0.00	41.37 -1.55 0.00	40.85 -1.48 0.00	39.86 -1.53 0.00	38.05 -1.54 0.00	37.68 -1.69 0.00	39.35 -1.68 0.00	41.83 -2.11 0.00	45.99 -2.47 0.00	48.94 -2.52 0.00	52.20 -2.80 -0.02	48.42 -2.28 0.00	36.96 -1.56 -0.56	36.63 -1.73 0.00	31.57 -1.28 -0.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	38.03 1.67 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.11 2.19 0.00	44.54 2.20 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.17 4.01 -0.18	54.30 3.60 0.00	44.99 2.43 -4.60	40.70 2.34 0.00	34.91 1.80 -0.29
MUNSVILLE_WIND_PWR 323609	38.06 2.29 0.00	36.12 2.14 0.00	34.92 2.07 0.00	34.86 1.94 0.00	35.24 1.99 0.00	35.81 1.96 0.00	37.28 2.21 0.00	38.43 2.07 0.00	38.82 1.99 0.00	42.44 1.79 0.00	44.72 1.80 0.00	43.78 1.44 0.00	42.51 1.12 0.00	40.59 0.99 0.00	40.28 0.91 0.00	42.18 1.15 0.00	45.38 1.45 0.00	50.25 1.79 0.00	53.93 2.47 0.00	57.40 2.36 -0.05	52.33 1.62 0.00	40.40 1.03 -1.41	39.43 1.07 0.00	33.49 0.59 -0.09
N SALMON___HYD 24042	36.27 0.50 0.00	34.56 0.58 0.00	33.37 0.52 0.00	33.51 0.59 0.00	33.78 0.53 0.00	34.36 0.51 0.00	35.25 0.18 0.00	36.54 0.18 0.00	37.35 0.52 0.00	41.22 0.57 0.00	43.31 0.39 0.00	42.67 0.34 0.00	41.76 0.37 0.00	40.11 0.51 0.00	39.72 0.35 0.00	41.32 0.29 0.00	44.29 0.35 0.00	48.60 0.15 0.00	51.25 -0.21 0.00	54.82 -0.16 0.00	50.30 -0.41 0.00	37.39 -0.57 0.00	37.63 -0.73 0.00	32.16 -0.66 0.00
N.AKRON__115KV_KNAPP 355671	35.16 -0.61 0.00	33.06 -0.92 0.00	32.06 -0.79 0.00	31.66 -1.25 0.00	32.45 -0.80 0.00	33.17 -0.68 0.00	34.55 -0.53 0.00	35.30 -1.05 0.00	35.77 -1.07 0.00	39.27 -1.38 0.00	40.69 -2.23 0.00	40.18 -2.16 0.00	39.03 -2.36 0.00	37.34 -2.26 0.00	36.85 -2.52 0.00	38.57 -2.46 0.00	40.77 -3.16 0.00	44.73 -3.73 0.00	47.75 -3.70 0.00	50.56 -4.45 -0.03	47.31 -3.40 0.00	35.96 -2.66 -0.66	35.82 -2.53 0.00	30.65 -2.20 -0.04
N.BELMOR_69_KV_BK1 55787	37.20 1.43 0.00	35.58 1.60 0.00	33.80 0.95 0.00	33.80 0.89 0.00	34.11 0.86 0.00	34.59 0.74 0.00	35.91 0.84 0.00	37.74 1.38 0.00	37.83 0.99 0.00	42.23 1.59 0.00	45.02 2.10 0.00	44.54 2.20 0.00	43.46 2.07 0.00	41.86 2.26 0.00	41.97 2.60 0.00	43.53 2.50 0.00	46.79 2.86 0.00	51.37 2.91 0.00	54.44 2.98 0.00	59.01 3.85 -0.18	54.25 3.55 0.00	45.25 2.69 -4.60	40.93 2.57 0.00	35.07 1.97 -0.29
N.E_GEN_SANDY PD 24062	36.88 1.11 0.00	36.54 1.12 -1.44	33.90 1.05 0.00	34.00 1.08 0.00	34.31 1.06 0.00	34.90 1.05 0.00	36.23 1.16 0.00	37.77 1.42 0.00	38.20 1.36 0.00	42.19 1.54 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.17 1.78 0.00	41.46 1.86 0.00	41.26 1.89 0.00	43.00 1.97 0.00	46.04 2.11 0.00	50.88 2.42 0.00	54.08 2.62 0.00	57.98 2.80 -0.20	53.44 2.74 0.00	45.15 2.05 -5.15	40.43 2.07 0.00	37.87 1.64 -3.42
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.66 0.89 0.00	34.93 0.95 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.01 0.76 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.16 1.33 0.00	42.15 1.50 0.00	44.55 1.63 0.00	44.03 1.69 0.00	43.05 1.66 0.00	41.26 1.66 0.00	41.10 1.73 0.00	42.84 1.81 0.00	46.00 2.06 0.00	50.83 2.37 0.00	54.18 2.73 0.00	58.40 3.24 -0.17	53.70 2.99 0.00	44.38 2.01 -4.41	40.27 1.92 0.00	34.53 1.44 -0.28
N.QUEENS_27_KV_LOAD 356247	37.14 1.36 -0.01	35.35 1.36 -0.01	34.04 1.18 -0.01	34.11 1.18 -0.01	34.42 1.16 -0.01	34.86 1.02 0.00	36.30 1.23 0.00	38.13 1.78 0.01	38.63 1.81 0.01	42.76 2.11 0.01	45.23 2.32 0.01	44.66 2.33 0.01	43.66 2.28 0.01	41.89 2.30 0.01	41.72 2.36 0.01	43.44 2.42 0.01	46.65 2.72 0.01	51.56 3.10 0.00	54.85 3.40 0.00	59.34 4.18 -0.18	54.46 3.75 0.00	45.13 2.58 -4.60	40.82 2.45 -0.01	34.98 1.87 -0.30
N.TROY___115KV_TB1 355778	36.88 1.11 0.00	35.07 1.09 0.00	33.90 1.05 0.00	33.97 1.05 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.26 1.19 0.00	37.74 1.38 0.00	38.16 1.33 0.00	42.15 1.50 0.00	44.68 1.76 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.38 1.78 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.74 2.28 0.00	54.03 2.57 0.00	57.89 2.69 -0.22	53.24 2.54 0.00	45.47 1.86 -5.66	40.31 1.96 0.00	34.71 1.54 -0.36
NARROWS_GT1_1 24228	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT1_2 24229	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT1_3 24230	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT1_4 24231	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72

NARROWS_GT1_5 24232	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT1_6 24233	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT1_7 24234	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT1_8 24235	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_1 24236	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_2 24237	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_3 24238	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_4 24239	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_5 24240	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_6 24241	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_7 24242	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NARROWS_GT2_8 24243	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.99 1.22 0.00	35.17 1.19 0.00	33.97 1.12 0.00	34.03 1.12 0.00	34.38 1.13 0.00	35.10 1.25 0.00	36.41 1.33 0.00	37.84 1.49 0.00	38.20 1.36 0.00	42.11 1.46 0.00	45.15 2.23 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.62 2.02 0.00	41.46 2.09 0.00	43.21 2.17 0.00	46.40 2.46 0.00	51.37 2.91 0.00	54.85 3.40 0.00	58.82 3.63 -0.20	54.15 3.45 0.00	45.19 1.90 -5.33	40.96 2.61 0.00	34.59 1.44 -0.33
NCHELSEA_115KV_TR2 355582	36.95 1.18 0.00	35.20 1.22 0.00	33.93 1.08 0.00	34.03 1.12 0.00	34.31 1.06 0.00	34.96 1.12 0.00	36.30 1.23 0.00	37.92 1.56 0.00	38.42 1.58 0.00	42.48 1.83 0.00	44.94 2.02 0.00	44.37 2.03 0.00	43.38 1.99 0.00	41.58 1.98 0.00	41.42 2.05 0.00	43.12 2.09 0.00	46.31 2.37 0.00	51.22 2.76 0.00	54.54 3.09 0.00	58.73 3.57 -0.17	54.05 3.35 0.00	44.77 2.24 -4.58	40.62 2.26 0.00	34.74 1.64 -0.29
NEG CAPITAL___MECHNVIL 23645	37.34 1.57 0.00	35.47 1.49 0.00	34.33 1.48 0.00	34.40 1.48 0.00	34.74 1.50 0.00	35.44 1.59 0.00	36.72 1.65 0.00	38.24 1.89 0.00	38.68 1.84 0.00	42.72 2.07 0.00	45.15 2.23 0.00	44.58 2.24 0.00	43.58 2.19 0.00	41.81 2.22 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.44 2.50 0.00	51.27 2.81 0.00	54.65 3.19 0.00	58.56 3.35 -0.22	53.75 3.04 0.00	45.92 2.24 -5.73	40.66 2.30 0.00	34.94 1.77 -0.36



NEG CENTRAL_HIGH_ACRES 23767	34.77 -1.00 0.00	32.86 -1.12 0.00	31.73 -1.12 0.00	31.56 -1.35 0.00	32.18 -1.07 0.00	32.83 -1.01 0.00	34.09 -0.98 0.00	35.05 -1.31 0.00	35.66 -1.18 0.00	39.23 -1.42 0.00	41.16 -1.76 0.00	40.56 -1.78 0.00	39.49 -1.90 0.00	37.70 -1.90 0.00	37.36 -2.01 0.00	39.02 -2.01 0.00	41.56 -2.37 0.00	45.70 -2.76 0.00	48.58 -2.88 0.00	51.98 -3.02 -0.02	47.97 -2.74 0.00	36.64 -1.86 -0.54	36.28 -2.07 0.00	31.21 -1.64 -0.03
NEG CENTRAL___DRP 24199	35.84 0.07 0.00	33.91 -0.07 0.00	32.78 -0.07 0.00	32.72 -0.20 0.00	33.18 -0.07 0.00	33.81 -0.03 0.00	35.14 0.07 0.00	36.25 -0.11 0.00	36.73 -0.11 0.00	40.49 -0.16 0.00	42.36 -0.56 0.00	41.70 -0.64 0.00	40.69 -0.70 0.00	38.81 -0.79 0.00	38.47 -0.91 0.00	40.21 -0.82 0.00	43.01 -0.92 0.00	47.49 -0.97 0.00	50.63 -0.82 0.00	53.74 -1.26 -0.02	49.79 -0.91 0.00	37.80 -0.76 -0.60	37.59 -0.77 0.00	32.16 -0.69 -0.04
NEG CENTRAL___INDECK 23768	36.42 0.64 0.00	34.39 0.41 0.00	33.14 0.29 0.00	32.88 -0.03 0.00	33.58 0.33 0.00	34.25 0.41 0.00	35.60 0.53 0.00	36.43 0.07 0.00	36.84 0.00 0.00	40.28 -0.37 0.00	41.85 -1.07 0.00	40.94 -1.40 0.00	39.69 -1.70 0.00	37.78 -1.82 0.00	37.52 -1.85 0.00	39.27 -1.76 0.00	41.96 -1.98 0.00	46.38 -2.08 0.00	49.76 -1.70 0.00	53.31 -1.70 -0.03	49.49 -1.22 0.00	37.65 -1.10 -0.80	37.05 -1.30 0.00	31.62 -1.25 -0.05
NEG CENTRAL___SENECA 23627	35.95 0.18 0.00	33.98 0.00 0.00	32.85 0.00 0.00	32.75 -0.16 0.00	33.25 0.00 0.00	33.88 0.03 0.00	35.25 0.18 0.00	36.32 -0.04 0.00	36.80 -0.04 0.00	40.53 -0.12 0.00	42.32 -0.60 0.00	41.62 -0.72 0.00	40.56 -0.83 0.00	38.69 -0.91 0.00	38.31 -1.06 0.00	40.09 -0.94 0.00	42.84 -1.10 0.00	47.30 -1.16 0.00	50.48 -0.98 0.00	53.41 -1.59 -0.03	49.64 -1.06 0.00	37.67 -0.95 -0.67	37.40 -0.96 0.00	31.93 -0.92 -0.04
NEG CENTRAL___STATE_STREET 24147	35.84 0.07 0.00	33.98 0.00 0.00	32.82 -0.03 0.00	32.78 -0.13 0.00	33.21 -0.03 0.00	33.85 0.00 0.00	35.18 0.11 0.00	36.32 -0.04 0.00	36.80 -0.04 0.00	40.65 0.00 0.00	42.66 -0.26 0.00	42.08 -0.25 0.00	41.06 -0.33 0.00	39.16 -0.44 0.00	38.86 -0.51 0.00	40.62 -0.41 0.00	43.45 -0.48 0.00	47.97 -0.48 0.00	51.10 -0.36 0.00	54.40 -0.60 -0.02	50.25 -0.46 0.00	38.20 -0.34 -0.58	37.97 -0.38 0.00	32.52 -0.33 -0.04
NEG MILLWOOD___DRP 24198	37.09 1.32 0.00	35.31 1.33 0.00	34.00 1.15 0.00	34.10 1.18 0.00	34.41 1.16 0.00	35.07 1.22 0.00	36.33 1.26 0.00	38.10 1.75 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.15 2.23 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.74 2.14 0.00	41.58 2.20 0.00	43.29 2.26 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.80 3.34 0.00	59.01 3.85 -0.18	54.25 3.55 0.00	44.94 2.35 -4.63	40.73 2.38 0.00	34.87 1.77 -0.29
NEG NORTH_FLCN_SEA 23793	36.45 0.68 0.00	34.70 0.71 0.00	33.57 0.72 0.00	33.71 0.79 0.00	33.98 0.73 0.00	34.56 0.71 0.00	35.18 0.11 0.00	36.43 0.07 0.00	37.21 0.37 0.00	41.06 0.41 0.00	43.18 0.26 0.00	42.55 0.21 0.00	41.64 0.25 0.00	39.95 0.36 0.00	39.61 0.24 0.00	41.19 0.16 0.00	44.15 0.22 0.00	48.46 0.00 0.00	51.10 -0.36 0.00	54.54 -0.44 0.00	49.94 -0.76 0.00	37.16 -0.80 0.00	37.70 -0.65 0.00	32.22 -0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	35.99 0.21 0.00	34.22 0.24 0.00	33.14 0.30 0.00	33.28 0.36 0.00	33.55 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.95 0.11 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.33 0.00 0.00	41.43 0.04 0.00	39.72 0.12 0.00	39.41 0.04 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.71 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.28 -1.07 0.00	31.86 -0.95 0.00
NEG NORTH___ALICE_FALLS 23915	36.77 1.00 0.00	34.97 0.99 0.00	33.83 0.99 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	35.53 0.46 0.00	36.79 0.44 0.00	37.61 0.77 0.00	41.50 0.85 0.00	43.61 0.69 0.00	42.97 0.64 0.00	42.05 0.66 0.00	40.39 0.79 0.00	40.00 0.63 0.00	41.61 0.57 0.00	44.64 0.70 0.00	48.94 0.48 0.00	51.61 0.15 0.00	55.15 0.16 0.00	50.55 -0.15 0.00	37.54 -0.42 0.00	37.97 -0.38 0.00	32.42 -0.39 0.00
NEG NORTH___LWR_SARANAC 23913	36.77 1.00 0.00	34.97 0.99 0.00	33.83 0.99 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	35.53 0.46 0.00	36.79 0.44 0.00	37.61 0.77 0.00	41.50 0.85 0.00	43.61 0.69 0.00	42.97 0.64 0.00	42.05 0.66 0.00	40.39 0.79 0.00	40.00 0.63 0.00	41.61 0.57 0.00	44.64 0.70 0.00	48.94 0.48 0.00	51.61 0.15 0.00	55.15 0.16 0.00	50.55 -0.15 0.00	37.54 -0.42 0.00	37.97 -0.38 0.00	32.42 -0.39 0.00
NEG NORTH___PLATTSBURG 23628	36.77 1.00 0.00	35.04 1.05 0.00	33.83 0.98 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	35.53 0.45 0.00	36.79 0.44 0.00	37.61 0.77 0.00	41.50 0.85 0.00	43.60 0.68 0.00	42.97 0.64 0.00	42.05 0.66 0.00	40.39 0.79 0.00	40.00 0.63 0.00	41.60 0.57 0.00	44.64 0.70 0.00	48.94 0.48 0.00	51.61 0.15 0.00	55.15 0.17 0.00	50.55 -0.15 0.00	37.54 -0.42 0.00	37.97 -0.38 0.00	32.42 -0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	34.52 -1.25 0.00	32.45 -1.53 0.00	31.50 -1.35 0.00	31.07 -1.84 0.00	31.82 -1.43 0.00	32.53 -1.32 0.00	33.91 -1.16 0.00	34.61 -1.75 0.00	35.03 -1.81 0.00	38.54 -2.11 0.00	39.87 -3.05 0.00	39.33 -3.01 0.00	38.29 -3.10 0.00	36.59 -3.01 0.00	36.10 -3.27 0.00	37.75 -3.28 0.00	39.81 -4.13 0.00	43.52 -4.94 0.00	46.52 -4.94 0.00	49.02 -5.99 -0.03	45.89 -4.82 0.00	35.00 -3.64 -0.69	34.94 -3.41 0.00	30.00 -2.85 -0.04
NEG WEST___LANCASTER 23811	35.31 -0.47 0.00	33.34 -0.65 0.00	32.32 -0.53 0.00	31.90 -1.02 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.76 -0.32 0.00	35.66 -0.69 0.00	36.14 -0.70 0.00	39.67 -0.98 0.00	41.03 -1.89 0.00	40.43 -1.91 0.00	39.36 -2.03 0.00	37.62 -1.98 0.00	37.09 -2.28 0.00	38.81 -2.22 0.00	41.12 -2.81 0.00	45.11 -3.34 0.00	48.27 -3.19 0.00	49.30 -5.72 -0.03	47.56 -3.14 0.00	34.43 -4.33 -0.80	35.98 -2.38 0.00	29.32 -3.54 -0.05
NEG_PENN_ALLEGHNY 23528	35.91 0.14 0.00	34.05 0.07 0.00	32.91 0.07 0.00	32.88 -0.03 0.00	33.28 0.03 0.00	33.92 0.07 0.00	35.25 0.18 0.00	36.43 0.07 0.00	36.95 0.11 0.00	40.69 0.04 0.00	42.71 -0.21 0.00	42.04 -0.29 0.00	41.02 -0.37 0.00	39.20 -0.40 0.00	38.94 -0.43 0.00	40.62 -0.41 0.00	43.50 -0.44 0.00	47.97 -0.48 0.00	51.15 -0.31 0.00	54.22 -0.82 -0.06	50.35 -0.35 0.00	38.86 -0.57 -1.47	37.97 -0.38 0.00	32.38 -0.53 -0.09
NEG___GEN_MONROE 24207	35.23 -0.54 0.00	33.27 -0.71 0.00	32.19 -0.66 0.00	31.99 -0.92 0.00	32.71 -0.53 0.00	33.41 -0.44 0.00	34.69 -0.39 0.00	35.52 -0.84 0.00	35.88 -0.96 0.00	39.43 -1.22 0.00	41.07 -1.85 0.00	40.56 -1.78 0.00	39.49 -1.90 0.00	37.74 -1.86 0.00	37.32 -2.05 0.00	38.98 -2.05 0.00	41.43 -2.50 0.00	45.60 -2.86 0.00	48.63 -2.83 0.00	51.93 -3.08 -0.02	48.17 -2.54 0.00	36.78 -1.75 -0.57	36.55 -1.80 0.00	31.47 -1.38 -0.04

NEPA__ENERGY 23901	35.41 -0.36 0.00	33.44 -0.54 0.00	32.36 -0.49 0.00	31.96 -0.95 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.76 -0.32 0.00	35.66 -0.69 0.00	36.14 -0.70 0.00	39.63 -1.02 0.00	40.99 -1.93 0.00	40.39 -1.95 0.00	39.24 -2.15 0.00	37.50 -2.10 0.00	36.97 -2.40 0.00	38.65 -2.38 0.00	41.04 -2.90 0.00	45.07 -3.39 0.00	48.27 -3.19 0.00	50.23 -4.78 -0.03	47.56 -3.14 0.00	35.51 -3.26 -0.81	35.90 -2.45 0.00	30.17 -2.69 -0.05
NEVERSink__HYD 23608	36.74 0.97 0.00	34.97 0.99 0.00	33.70 0.85 0.00	33.80 0.89 0.00	34.11 0.86 0.00	34.73 0.88 0.00	36.05 0.98 0.00	37.59 1.24 0.00	38.09 1.25 0.00	42.03 1.38 0.00	44.33 1.41 0.00	43.73 1.39 0.00	42.72 1.32 0.00	40.95 1.35 0.00	40.75 1.38 0.00	42.47 1.44 0.00	45.65 1.71 0.00	50.49 2.03 0.00	53.93 2.47 0.00	57.94 2.80 -0.16	53.39 2.69 0.00	43.85 1.75 -4.15	40.12 1.77 0.00	34.32 1.25 -0.26
NEWKRMKL_115KV_TB1 55635	36.13 0.36 0.00	34.32 0.34 0.00	33.18 0.33 0.00	33.28 0.36 0.00	33.61 0.37 0.00	34.22 0.37 0.00	35.56 0.49 0.00	37.05 0.69 0.00	37.39 0.55 0.00	41.38 0.73 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.09 1.70 0.00	41.34 1.74 0.00	41.14 1.77 0.00	42.88 1.85 0.00	45.91 1.98 0.00	50.64 2.18 0.00	53.93 2.47 0.00	57.84 2.64 -0.21	53.14 2.43 0.00	45.36 1.78 -5.62	40.24 1.88 0.00	34.61 1.44 -0.35
NEWTON__FALLS_HYD 23847	34.98 -0.79 0.00	33.27 -0.71 0.00	32.16 -0.69 0.00	32.22 -0.69 0.00	32.48 -0.76 0.00	33.07 -0.78 0.00	34.16 -0.91 0.00	35.37 -0.98 0.00	35.73 -1.11 0.00	39.23 -1.42 0.00	41.29 -1.63 0.00	40.64 -1.69 0.00	39.69 -1.70 0.00	38.01 -1.58 0.00	37.76 -1.61 0.00	39.31 -1.72 0.00	42.27 -1.67 0.00	46.67 -1.79 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.78 -1.93 0.00	36.64 -1.44 -0.12	36.78 -1.57 0.00	31.44 -1.38 -0.01
NGRID_A1_DSASP 323792	34.16 -1.61 0.00	32.25 -1.73 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.57 -1.51 0.00	34.24 -2.11 0.00	34.85 -1.99 0.00	38.09 -2.56 0.00	39.74 -3.18 0.00	39.03 -3.30 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.83 -3.54 0.00	37.46 -3.57 0.00	39.45 -4.48 0.00	42.98 -5.48 0.00	46.00 -5.46 0.00	48.52 -6.49 -0.03	45.33 -5.38 0.00	34.78 -3.87 -0.70	34.60 -3.76 0.00	29.80 -3.05 -0.04
NGRID_A2_DSASP 323793	34.16 -1.61 0.00	32.25 -1.73 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.57 -1.51 0.00	34.24 -2.11 0.00	34.85 -1.99 0.00	38.09 -2.56 0.00	39.74 -3.18 0.00	39.03 -3.30 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.83 -3.54 0.00	37.46 -3.57 0.00	39.45 -4.48 0.00	42.98 -5.48 0.00	46.00 -5.46 0.00	48.52 -6.49 -0.03	45.33 -5.38 0.00	34.78 -3.87 -0.70	34.60 -3.76 0.00	29.80 -3.05 -0.04
NGRID_A4_DSASP 323807	34.16 -1.61 0.00	32.25 -1.73 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.57 -1.51 0.00	34.24 -2.11 0.00	34.85 -1.99 0.00	38.09 -2.56 0.00	39.74 -3.18 0.00	39.03 -3.30 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.83 -3.54 0.00	37.46 -3.57 0.00	39.45 -4.48 0.00	42.98 -5.48 0.00	46.00 -5.46 0.00	48.52 -6.49 -0.03	45.33 -5.38 0.00	34.78 -3.87 -0.70	34.60 -3.76 0.00	29.80 -3.05 -0.04
NIAGARA_115E_LBMP 323715	33.98 -1.79 0.00	32.08 -1.90 0.00	31.04 -1.81 0.00	30.61 -2.30 0.00	31.35 -1.89 0.00	32.02 -1.83 0.00	33.42 -1.65 0.00	34.10 -2.25 0.00	34.70 -2.14 0.00	37.97 -2.68 0.00	39.57 -3.35 0.00	38.86 -3.47 0.00	37.75 -3.64 0.00	36.11 -3.48 0.00	35.63 -3.74 0.00	37.26 -3.77 0.00	39.28 -4.66 0.00	42.84 -5.62 0.00	45.80 -5.66 0.00	48.30 -6.71 -0.03	45.18 -5.53 0.00	34.55 -4.10 -0.70	34.44 -3.91 0.00	29.57 -3.28 -0.04
NIAGARA_115W_LBMP 323714	34.05 -1.72 0.00	32.15 -1.84 0.00	31.01 -1.84 0.00	30.68 -2.24 0.00	31.42 -1.83 0.00	32.12 -1.72 0.00	33.46 -1.61 0.00	34.14 -2.22 0.00	34.70 -2.14 0.00	37.97 -2.68 0.00	39.62 -3.30 0.00	38.91 -3.43 0.00	37.79 -3.60 0.00	36.15 -3.45 0.00	35.71 -3.66 0.00	37.34 -3.69 0.00	39.32 -4.61 0.00	42.89 -5.57 0.00	45.85 -5.61 0.00	48.41 -6.60 -0.03	45.18 -5.53 0.00	34.67 -3.98 -0.70	34.52 -3.84 0.00	29.71 -3.15 -0.04
NIAGARA_230_LBMP 323716	34.34 -1.43 0.00	32.42 -1.56 0.00	31.30 -1.54 0.00	30.94 -1.97 0.00	31.65 -1.60 0.00	32.36 -1.49 0.00	33.78 -1.30 0.00	34.46 -1.89 0.00	35.03 -1.80 0.00	38.33 -2.32 0.00	40.00 -2.92 0.00	39.29 -3.05 0.00	38.16 -3.23 0.00	36.51 -3.09 0.00	36.06 -3.31 0.00	37.71 -3.32 0.00	39.76 -4.17 0.00	43.37 -5.09 0.00	46.42 -5.04 0.00	48.96 -6.05 -0.03	45.74 -4.97 0.00	35.00 -3.64 -0.69	34.90 -3.45 0.00	30.00 -2.85 -0.04
NIAGARA__115KV_198_GIBSON 55903	33.98 -1.79 0.00	31.94 -2.04 0.00	31.01 -1.84 0.00	30.68 -2.24 0.00	31.42 -1.83 0.00	32.12 -1.73 0.00	33.46 -1.61 0.00	34.10 -2.25 0.00	34.52 -2.32 0.00	37.97 -2.68 0.00	39.31 -3.61 0.00	38.78 -3.56 0.00	37.79 -3.60 0.00	36.15 -3.45 0.00	35.67 -3.70 0.00	37.30 -3.73 0.00	39.28 -4.66 0.00	42.89 -5.57 0.00	45.85 -5.61 0.00	48.25 -6.76 -0.03	45.23 -5.48 0.00	34.63 -4.02 -0.70	34.52 -3.84 0.00	29.74 -3.12 -0.04
NIAGARA____ 23760	34.34 -1.43 0.00	32.42 -1.56 0.00	31.30 -1.54 0.00	30.94 -1.97 0.00	31.65 -1.60 0.00	32.36 -1.49 0.00	33.78 -1.30 0.00	34.46 -1.89 0.00	35.03 -1.80 0.00	38.33 -2.32 0.00	40.00 -2.92 0.00	39.29 -3.05 0.00	38.16 -3.23 0.00	36.51 -3.09 0.00	36.06 -3.31 0.00	37.71 -3.32 0.00	39.76 -4.17 0.00	43.37 -5.09 0.00	46.42 -5.04 0.00	48.96 -6.05 -0.03	45.74 -4.97 0.00	35.00 -3.64 -0.69	34.90 -3.45 0.00	30.00 -2.85 -0.04
NINE_MILE_1 23575	34.95 -0.82 0.00	33.17 -0.82 0.00	32.06 -0.79 0.00	32.06 -0.86 0.00	32.45 -0.80 0.00	33.03 -0.81 0.00	34.27 -0.81 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.59 -1.33 0.00	40.98 -1.36 0.00	40.07 -1.33 0.00	38.21 -1.39 0.00	37.95 -1.42 0.00	39.59 -1.44 0.00	42.36 -1.58 0.00	46.72 -1.74 0.00	49.65 -1.80 0.00	53.02 -1.98 -0.01	48.88 -1.82 0.00	37.01 -1.22 -0.27	37.13 -1.23 0.00	31.91 -0.92 -0.02
NINE_MILE_2 23744	34.95 -0.82 0.00	33.17 -0.82 0.00	32.06 -0.79 0.00	32.06 -0.86 0.00	32.45 -0.80 0.00	33.03 -0.81 0.00	34.27 -0.81 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.59 -1.33 0.00	40.98 -1.36 0.00	40.07 -1.33 0.00	38.21 -1.39 0.00	37.95 -1.42 0.00	39.59 -1.44 0.00	42.36 -1.58 0.00	46.72 -1.74 0.00	49.65 -1.80 0.00	53.02 -1.98 -0.01	48.88 -1.82 0.00	37.01 -1.22 -0.27	37.13 -1.23 0.00	31.91 -0.92 -0.02
NM_CAPITAL__DRP 24208	36.24 0.47 0.00	34.46 0.48 0.00	33.31 0.46 0.00	33.41 0.49 0.00	33.75 0.50 0.00	34.36 0.51 0.00	35.67 0.60 0.00	37.15 0.80 0.00	37.54 0.70 0.00	41.50 0.85 0.00	44.59 1.67 0.00	44.03 1.69 0.00	43.05 1.66 0.00	41.30 1.70 0.00	41.14 1.77 0.00	42.84 1.81 0.00	45.87 1.93 0.00	50.64 2.18 0.00	53.88 2.42 0.00	57.78 2.58 -0.21	53.14 2.43 0.00	45.31 1.75 -5.60	40.24 1.88 0.00	34.61 1.44 -0.35

NM_CENTRAL___DRP 24181	35.59 -0.18 0.00	33.74 -0.24 0.00	32.62 -0.23 0.00	32.62 -0.30 0.00	33.01 -0.23 0.00	33.64 -0.20 0.00	34.93 -0.14 0.00	36.06 -0.29 0.00	36.51 -0.33 0.00	40.28 -0.37 0.00	42.40 -0.52 0.00	41.78 -0.55 0.00	40.85 -0.54 0.00	38.96 -0.63 0.00	38.70 -0.67 0.00	40.42 -0.62 0.00	43.23 -0.70 0.00	47.68 -0.78 0.00	50.74 -0.72 0.00	54.06 -0.93 -0.02	49.89 -0.81 0.00	37.83 -0.53 -0.41	37.82 -0.54 0.00	32.44 -0.39 -0.03
NM_FRONTIER___DRP 24179	33.98 -1.79 0.00	31.94 -2.04 0.00	31.01 -1.84 0.00	30.68 -2.24 0.00	31.42 -1.83 0.00	32.12 -1.73 0.00	33.46 -1.61 0.00	34.10 -2.25 0.00	34.52 -2.32 0.00	37.97 -2.68 0.00	39.31 -3.61 0.00	38.78 -3.56 0.00	37.79 -3.60 0.00	36.15 -3.45 0.00	35.67 -3.70 0.00	37.30 -3.73 0.00	39.28 -4.66 0.00	42.89 -5.57 0.00	45.85 -5.61 0.00	48.25 -6.76 -0.03	45.23 -5.48 0.00	34.63 -4.02 -0.70	34.52 -3.84 0.00	29.74 -3.12 -0.04
NM_ST_REGIS___HYD 24053	35.34 -0.43 0.00	33.64 -0.34 0.00	32.52 -0.33 0.00	32.65 -0.26 0.00	32.88 -0.37 0.00	33.44 -0.41 0.00	34.41 -0.67 0.00	35.66 -0.69 0.00	36.36 -0.48 0.00	40.08 -0.57 0.00	42.15 -0.77 0.00	41.53 -0.80 0.00	40.65 -0.75 0.00	39.00 -0.59 0.00	38.66 -0.71 0.00	40.21 -0.82 0.00	43.14 -0.79 0.00	47.44 -1.02 0.00	50.12 -1.34 0.00	53.72 -1.26 0.00	49.23 -1.47 0.00	36.78 -1.18 0.00	37.01 -1.34 0.00	31.70 -1.12 0.00
NORTHPORT___1 23551	36.99 1.22 0.00	35.34 1.36 0.00	33.67 0.82 0.00	33.64 0.72 0.00	33.85 0.60 0.00	34.12 0.27 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.42 0.59 0.00	41.91 1.26 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.69 2.32 0.00	43.24 2.21 0.00	46.44 2.50 0.00	50.88 2.42 0.00	53.46 2.00 0.00	57.69 2.53 -0.18	53.39 2.69 0.00	44.72 2.16 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
NORTHPORT___2 23552	36.99 1.22 0.00	35.34 1.36 0.00	33.67 0.82 0.00	33.64 0.72 0.00	33.85 0.60 0.00	34.12 0.27 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.42 0.59 0.00	41.91 1.26 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.69 2.32 0.00	43.24 2.21 0.00	46.44 2.50 0.00	50.88 2.42 0.00	53.46 2.00 0.00	57.69 2.53 -0.18	53.39 2.69 0.00	44.72 2.16 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
NORTHPORT___3 23553	37.09 1.32 0.00	35.38 1.39 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.91 0.66 0.00	34.29 0.44 0.00	35.77 0.70 0.00	37.59 1.24 0.00	37.61 0.77 0.00	42.07 1.42 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.62 2.02 0.00	41.77 2.40 0.00	43.37 2.34 0.00	46.57 2.64 0.00	51.22 2.76 0.00	54.08 2.62 0.00	58.35 3.19 -0.18	53.90 3.20 0.00	44.84 2.28 -4.60	40.77 2.42 0.00	35.04 1.94 -0.29
NORTHPORT___4 23650	37.09 1.32 0.00	35.38 1.39 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.91 0.66 0.00	34.29 0.44 0.00	35.77 0.70 0.00	37.59 1.24 0.00	37.61 0.77 0.00	42.07 1.42 0.00	44.64 1.72 0.00	44.24 1.91 0.00	43.21 1.82 0.00	41.62 2.02 0.00	41.77 2.40 0.00	43.37 2.34 0.00	46.57 2.64 0.00	51.22 2.76 0.00	54.08 2.62 0.00	58.35 3.19 -0.18	53.90 3.20 0.00	44.84 2.28 -4.60	40.77 2.42 0.00	35.04 1.94 -0.29
NORTHPORT___IC 23718	36.99 1.22 0.00	35.54 1.56 0.00	33.67 0.82 0.00	33.64 0.72 0.00	33.94 0.70 0.00	34.32 0.47 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.46 0.63 0.00	41.87 1.22 0.00	44.64 1.72 0.00	44.16 1.82 0.00	43.09 1.70 0.00	41.54 1.94 0.00	41.81 2.44 0.00	43.37 2.34 0.00	46.62 2.68 0.00	50.93 2.47 0.00	53.67 2.21 0.00	58.29 3.13 -0.18	53.59 2.89 0.00	45.14 2.58 -4.60	40.81 2.45 0.00	34.97 1.87 -0.29
NORTH___COUNTRY_ESR 323785	35.99 0.22 0.00	34.25 0.27 0.00	33.14 0.29 0.00	33.28 0.36 0.00	33.54 0.30 0.00	34.12 0.27 0.00	34.93 -0.14 0.00	36.17 -0.18 0.00	36.95 0.11 0.00	40.77 0.12 0.00	42.92 0.00 0.00	42.33 0.00 0.00	41.43 0.04 0.00	39.72 0.12 0.00	39.41 0.04 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.22 -0.24 0.00	50.84 -0.62 0.00	54.27 -0.72 0.00	49.69 -1.01 0.00	36.97 -0.99 0.00	37.28 -1.07 0.00	31.86 -0.95 0.00
NPX_GEN_1385_PROXY 323591	36.99 1.22 0.00	35.34 1.36 0.00	33.67 0.82 0.00	33.64 0.72 0.00	33.85 0.60 0.00	34.12 0.27 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.42 0.59 0.00	41.91 1.26 0.00	44.29 1.37 0.00	43.98 1.65 0.00	42.88 1.49 0.00	41.42 1.82 0.00	41.65 2.28 0.00	43.16 2.13 0.00	46.44 2.50 0.00	50.88 2.42 0.00	53.46 2.00 0.00	57.25 2.09 -0.18	53.39 2.69 0.00	44.72 2.16 -4.60	40.74 2.38 0.00	35.00 1.90 -0.29
NPX_GEN_CSC 323557	36.59 0.82 0.00	35.38 1.39 0.00	33.67 0.82 0.00	33.61 0.69 0.00	33.71 0.47 0.00	33.48 -0.37 0.00	34.97 -0.10 0.00	36.83 0.47 0.00	36.65 -0.18 0.00	41.42 0.77 0.00	43.65 0.73 0.00	43.26 0.93 0.00	42.22 0.83 0.00	40.75 1.15 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.04 2.11 0.00	50.83 2.37 0.00	53.05 1.60 0.00	57.36 2.20 -0.18	53.04 2.33 0.00	44.27 1.71 -4.60	40.58 2.22 0.00	35.10 2.00 -0.29
NSINS_S___GLNS_FALLS 23858	37.60 1.82 0.00	35.68 1.70 0.00	34.52 1.68 0.00	34.59 1.68 0.00	34.94 1.70 0.00	35.61 1.76 0.00	36.97 1.89 0.00	38.57 2.22 0.00	38.97 2.14 0.00	43.09 2.44 0.00	45.50 2.58 0.00	44.87 2.54 0.00	43.83 2.44 0.00	42.05 2.46 0.00	41.81 2.44 0.00	43.53 2.50 0.00	46.66 2.72 0.00	51.51 3.05 0.00	55.01 3.55 0.00	58.94 3.74 -0.22	54.05 3.35 0.00	46.07 2.35 -5.76	40.81 2.45 0.00	35.11 1.94 -0.36
NUCOR_STEEL___DRP 24197	35.95 0.18 0.00	34.12 0.14 0.00	32.95 0.10 0.00	32.92 0.00 0.00	33.35 0.10 0.00	33.98 0.14 0.00	35.28 0.21 0.00	36.43 0.07 0.00	36.91 0.07 0.00	40.73 0.08 0.00	42.79 -0.13 0.00	42.17 -0.17 0.00	41.18 -0.21 0.00	39.24 -0.36 0.00	38.98 -0.39 0.00	40.70 -0.33 0.00	43.54 -0.40 0.00	48.07 -0.39 0.00	51.15 -0.31 0.00	54.46 -0.55 -0.02	50.30 -0.41 0.00	38.21 -0.30 -0.56	38.05 -0.31 0.00	32.62 -0.23 -0.04
NUMBER_THREE_WT_PWR 323818	35.70 -0.07 0.00	33.91 -0.07 0.00	32.82 -0.03 0.00	32.85 -0.07 0.00	33.18 -0.07 0.00	33.75 -0.10 0.00	35.00 -0.07 0.00	36.17 -0.18 0.00	36.25 -0.59 0.00	39.59 -1.06 0.00	41.67 -1.25 0.00	40.98 -1.36 0.00	39.98 -1.41 0.00	38.21 -1.39 0.00	37.99 -1.38 0.00	39.64 -1.40 0.00	42.66 -1.28 0.00	47.25 -1.21 0.00	50.53 -0.92 0.00	54.27 -0.72 -0.01	49.59 -1.12 0.00	37.33 -0.80 -0.17	37.48 -0.88 0.00	31.94 -0.88 -0.01
NYISO_LBMP_REFERENCE 24008	35.77 0.00 0.00	33.98 0.00 0.00	32.85 0.00 0.00	32.92 0.00 0.00	33.25 0.00 0.00	33.85 0.00 0.00	35.07 0.00 0.00	36.35 0.00 0.00	36.84 0.00 0.00	40.65 0.00 0.00	42.92 0.00 0.00	42.33 0.00 0.00	41.39 0.00 0.00	39.60 0.00 0.00	39.37 0.00 0.00	41.03 0.00 0.00	43.94 0.00 0.00	48.46 0.00 0.00	51.46 0.00 0.00	54.98 0.00 0.00	50.70 0.00 0.00	37.96 0.00 0.00	38.36 0.00 0.00	32.81 0.00 0.00

NYPA_BRENTWD____GT 24164	37.27 1.50 0.00	35.61 1.63 0.00	33.97 1.12 0.00	33.90 0.99 0.00	34.11 0.86 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.70 1.35 0.00	37.61 0.77 0.00	42.19 1.54 0.00	44.72 1.80 0.00	44.32 1.99 0.00	43.26 1.86 0.00	41.74 2.14 0.00	42.01 2.64 0.00	43.53 2.50 0.00	46.83 2.90 0.00	51.41 2.96 0.00	54.13 2.67 0.00	58.40 3.24 -0.18	54.05 3.35 0.00	45.06 2.50 -4.60	41.08 2.72 0.00	35.30 2.20 -0.29
NYPA_GOWANUS____GT5 24156	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NYPA_GOWANUS____GT6 24157	49.80 1.68 -12.35	35.59 1.60 -0.01	34.30 1.44 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.24 1.39 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.48 2.10 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.13 2.65 -10.88	51.16 2.76 -9.04	53.13 2.83 -9.27	54.24 3.12 -7.19	54.23 3.54 -2.23	55.37 3.91 -0.01	59.62 4.45 -0.18	54.92 4.21 -0.01	54.19 2.85 -13.39	51.04 2.84 -9.85	49.79 2.26 -14.72
NYPA_HARLEM__RVR__GT1 24160	37.06 1.29 -0.01	35.28 1.29 -0.01	34.01 1.15 -0.01	34.07 1.15 -0.01	34.39 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.01	38.06 1.71 0.01	38.52 1.70 0.01	42.71 2.07 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.68 2.32 0.01	43.40 2.38 0.01	46.52 2.59 0.01	51.46 3.01 0.01	54.75 3.30 0.01	58.94 3.79 -0.17	54.35 3.65 0.01	45.02 2.47 -4.60	40.78 2.42 -0.01	34.98 1.87 -0.30
NYPA_HARLEM__RVR__GT2 24161	37.06 1.29 -0.01	35.28 1.29 -0.01	34.01 1.15 -0.01	34.07 1.15 -0.01	34.39 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.01	38.06 1.71 0.01	38.52 1.70 0.01	42.71 2.07 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.68 2.32 0.01	43.40 2.38 0.01	46.52 2.59 0.01	51.46 3.01 0.01	54.75 3.30 0.01	58.94 3.79 -0.17	54.35 3.65 0.01	45.02 2.47 -4.60	40.78 2.42 -0.01	34.98 1.87 -0.30
NYPA_KENT____GT 24152	44.39 1.54 -7.09	35.48 1.49 -0.01	34.20 1.35 -0.01	37.50 1.38 -3.20	34.59 1.33 -0.01	35.14 1.29 0.00	36.58 1.51 0.00	45.12 2.03 -6.73	45.66 1.99 -6.83	47.82 2.36 -4.81	49.93 2.53 -4.48	49.80 2.54 -4.92	49.36 2.48 -5.48	48.57 2.54 -6.44	47.32 2.60 -5.35	49.23 2.71 -5.49	51.02 2.94 -4.14	53.13 3.39 -1.28	55.17 3.71 0.00	59.40 4.23 -0.18	54.77 4.06 0.00	50.49 2.73 -9.80	46.73 2.72 -5.65	43.51 2.13 -8.57
NYPA_POUCH1____GT 24155	49.73 1.61 -12.35	35.59 1.60 -0.01	34.27 1.41 -0.01	39.98 1.48 -5.58	34.65 1.40 -0.01	35.21 1.36 -0.01	36.66 1.58 -0.01	49.81 2.07 -11.38	50.37 1.99 -11.54	51.09 2.32 -8.13	53.02 2.53 -7.57	53.10 2.45 -8.32	53.06 2.40 -9.27	53.01 2.54 -10.88	51.05 2.64 -9.04	53.01 2.71 -9.27	54.11 2.99 -7.19	54.08 3.39 -2.23	55.17 3.71 -0.01	59.40 4.23 -0.18	54.77 4.06 -0.01	54.08 2.73 -13.39	50.97 2.76 -9.85	49.76 2.23 -14.72
NYPA_VERNON____GT2 24162	38.98 1.39 -1.82	35.35 1.36 -0.01	34.07 1.22 -0.01	35.02 1.28 -0.83	34.45 1.20 -0.01	35.00 1.15 0.00	36.44 1.37 0.00	40.33 1.89 -2.09	40.83 1.88 -2.12	44.38 2.23 -1.49	46.71 2.40 -1.39	46.28 2.41 -1.53	45.49 2.40 -1.70	44.01 2.42 -2.00	43.51 2.48 -1.66	45.28 2.54 -1.70	47.85 2.81 -1.10	51.98 3.20 -0.33	55.01 3.55 0.00	59.23 4.07 -0.18	54.56 3.85 0.00	46.79 2.62 -6.22	42.38 2.57 -1.45	37.26 2.04 -2.41
NYPA_VERNON____GT3 24163	38.98 1.39 -1.82	35.35 1.36 -0.01	34.07 1.22 -0.01	35.02 1.28 -0.83	34.45 1.20 -0.01	35.00 1.15 0.00	36.44 1.37 0.00	40.33 1.89 -2.09	40.83 1.88 -2.12	44.38 2.23 -1.49	46.71 2.40 -1.39	46.28 2.41 -1.53	45.49 2.40 -1.70	44.01 2.42 -2.00	43.51 2.48 -1.66	45.28 2.54 -1.70	47.85 2.81 -1.10	51.98 3.20 -0.33	55.01 3.55 0.00	59.23 4.07 -0.18	54.56 3.85 0.00	46.79 2.62 -6.22	42.38 2.57 -1.45	37.26 2.04 -2.41
NYPA__ASTORIA_CC1 323568	37.17 1.39 -0.01	35.35 1.36 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.40 1.33 0.00	38.67 1.89 -0.42	39.14 1.88 -0.43	43.19 2.23 -0.30	45.56 2.36 -0.28	45.06 2.41 -0.31	44.10 2.36 -0.35	42.38 2.38 -0.40	42.19 2.48 -0.34	43.92 2.54 -0.35	46.75 2.77 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.17 4.01 -0.18	54.56 3.85 0.00	45.50 2.62 -4.93	40.93 2.57 -0.01	35.11 2.00 -0.30
NYPA__ASTORIA_CC2 323569	37.17 1.39 -0.01	35.35 1.36 -0.01	34.07 1.22 -0.01	34.21 1.28 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.40 1.33 0.00	38.67 1.89 -0.42	39.14 1.88 -0.43	43.19 2.23 -0.30	45.56 2.36 -0.28	45.06 2.41 -0.31	44.10 2.36 -0.35	42.38 2.38 -0.40	42.19 2.48 -0.34	43.92 2.54 -0.35	46.75 2.77 -0.05	51.66 3.20 0.00	54.96 3.50 0.00	59.17 4.01 -0.18	54.56 3.85 0.00	45.50 2.62 -4.93	40.93 2.57 -0.01	35.11 2.00 -0.30
NYPA__HOLTSVILL 23794	36.95 1.18 0.00	35.41 1.43 0.00	33.74 0.89 0.00	33.70 0.79 0.00	33.88 0.63 0.00	33.98 0.14 0.00	35.49 0.42 0.00	37.34 0.98 0.00	37.24 0.41 0.00	41.83 1.18 0.00	44.29 1.37 0.00	43.86 1.52 0.00	42.84 1.45 0.00	41.30 1.70 0.00	41.77 2.40 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.07 2.61 0.00	53.67 2.21 0.00	57.96 2.80 -0.18	53.59 2.89 0.00	44.72 2.16 -4.60	40.77 2.42 0.00	35.10 2.00 -0.29
NYPA__HELLGATE_GT1 24158	37.06 1.29 -0.01	35.28 1.29 -0.01	34.01 1.15 -0.01	34.07 1.15 -0.01	34.39 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.01	38.06 1.71 0.01	38.52 1.70 0.01	42.71 2.07 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.68 2.32 0.01	43.40 2.38 0.01	46.52 2.59 0.01	51.46 3.01 0.01	54.75 3.30 0.01	58.94 3.79 -0.17	54.35 3.65 0.01	45.02 2.47 -4.60	40.78 2.42 -0.01	34.98 1.87 -0.30
NYPA__HELLGATE_GT2 24159	37.06 1.29 -0.01	35.28 1.29 -0.01	34.01 1.15 -0.01	34.07 1.15 -0.01	34.39 1.13 -0.01	34.83 0.98 0.00	36.26 1.19 0.01	38.06 1.71 0.01	38.52 1.70 0.01	42.71 2.07 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.81 2.22 0.01	41.68 2.32 0.01	43.40 2.38 0.01	46.52 2.59 0.01	51.46 3.01 0.01	54.75 3.30 0.01	58.94 3.79 -0.17	54.35 3.65 0.01	45.02 2.47 -4.60	40.78 2.42 -0.01	34.98 1.87 -0.30
NYS_BARGE__HYD 23848	34.48 -1.29 0.00	32.56 -1.43 0.00	31.50 -1.35 0.00	31.07 -1.84 0.00	31.82 -1.43 0.00	32.53 -1.32 0.00	33.92 -1.16 0.00	34.61 -1.74 0.00	35.22 -1.62 0.00	38.53 -2.12 0.00	40.13 -2.79 0.00	39.45 -2.88 0.00	38.29 -3.11 0.00	36.63 -2.97 0.00	36.14 -3.23 0.00	37.79 -3.24 0.00	39.89 -4.04 0.00	43.57 -4.89 0.00	46.57 -4.89 0.00	49.13 -5.88 -0.03	45.94 -4.77 0.00	35.07 -3.57 -0.68	34.98 -3.38 0.00	29.97 -2.89 -0.04

OAK ORCHARD___HYD 24046	35.24 -0.54 0.00	33.30 -0.68 0.00	32.16 -0.69 0.00	31.96 -0.96 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.58 -0.49 0.00	35.52 -0.83 0.00	36.10 -0.74 0.00	39.63 -1.01 0.00	41.54 -1.38 0.00	40.94 -1.40 0.00	39.86 -1.53 0.00	38.05 -1.54 0.00	37.68 -1.69 0.00	39.39 -1.64 0.00	41.87 -2.06 0.00	45.99 -2.47 0.00	48.94 -2.52 0.00	52.37 -2.64 -0.02	48.42 -2.28 0.00	37.00 -1.52 -0.56	36.63 -1.73 0.00	31.53 -1.31 -0.04
OAKDALE___35_KV_LOAD 356122	35.84 0.07 0.00	33.98 0.00 0.00	32.85 0.00 0.00	32.85 -0.07 0.00	33.25 0.00 0.00	33.88 0.03 0.00	35.21 0.14 0.00	36.39 0.04 0.00	36.84 0.00 0.00	40.61 -0.04 0.00	42.62 -0.30 0.00	41.95 -0.38 0.00	40.98 -0.41 0.00	39.12 -0.48 0.00	38.86 -0.51 0.00	40.54 -0.49 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	51.05 -0.41 0.00	54.21 -0.82 -0.06	50.25 -0.46 0.00	38.81 -0.61 -1.46	37.93 -0.42 0.00	32.38 -0.52 -0.09
OCC_CHEM___DRP 24175	34.09 -1.68 0.00	32.04 -1.94 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.56 -1.51 0.00	34.21 -2.14 0.00	34.63 -2.21 0.00	38.09 -2.56 0.00	39.44 -3.48 0.00	38.95 -3.39 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.79 -3.58 0.00	37.42 -3.61 0.00	39.41 -4.53 0.00	43.03 -5.43 0.00	46.00 -5.45 0.00	48.41 -6.60 -0.03	45.33 -5.37 0.00	34.71 -3.95 -0.70	34.60 -3.76 0.00	29.84 -3.02 -0.04
OH_GEN_PROXY 24063	34.38 -1.40 0.00	32.42 -1.56 0.00	31.34 -1.51 0.00	30.97 -1.94 0.00	31.68 -1.56 0.00	32.39 -1.45 0.00	33.81 -1.26 0.00	34.50 -1.85 0.00	35.11 -1.73 0.00	38.41 -2.24 0.00	40.04 -2.88 0.00	39.33 -3.00 0.00	38.24 -3.15 0.00	36.59 -3.01 0.00	36.14 -3.23 0.00	37.79 -3.24 0.00	39.89 -4.04 0.00	43.51 -4.94 0.00	46.57 -4.89 0.00	49.07 -5.94 -0.03	45.94 -4.77 0.00	35.12 -3.53 -0.69	34.98 -3.38 0.00	30.03 -2.82 -0.04
OLIN_CORP_DRP 24177	34.09 -1.68 0.00	32.08 -1.90 0.00	31.11 -1.74 0.00	30.68 -2.24 0.00	31.42 -1.83 0.00	32.12 -1.73 0.00	33.53 -1.54 0.00	34.17 -2.18 0.00	34.59 -2.25 0.00	38.05 -2.60 0.00	39.40 -3.52 0.00	38.86 -3.47 0.00	37.83 -3.56 0.00	36.19 -3.41 0.00	35.71 -3.66 0.00	37.34 -3.69 0.00	39.32 -4.61 0.00	42.98 -5.48 0.00	45.95 -5.51 0.00	48.30 -6.71 -0.03	45.33 -5.37 0.00	34.60 -4.06 -0.70	34.56 -3.80 0.00	29.71 -3.15 -0.04
OLIN_CORP_DSASP 323712	34.16 -1.61 0.00	32.25 -1.73 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.57 -1.51 0.00	34.24 -2.11 0.00	34.85 -1.99 0.00	38.09 -2.56 0.00	39.74 -3.18 0.00	39.03 -3.30 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.83 -3.54 0.00	37.46 -3.57 0.00	39.45 -4.48 0.00	42.98 -5.48 0.00	46.00 -5.46 0.00	48.52 -6.49 -0.03	45.33 -5.38 0.00	34.78 -3.87 -0.70	34.60 -3.76 0.00	29.80 -3.05 -0.04
ONEIDA_HERK_LFGE 323681	36.09 0.32 0.00	34.29 0.31 0.00	33.18 0.33 0.00	33.21 0.30 0.00	33.54 0.30 0.00	34.15 0.30 0.00	35.42 0.35 0.00	36.68 0.33 0.00	36.95 0.11 0.00	40.57 -0.08 0.00	42.83 -0.09 0.00	42.12 -0.21 0.00	41.14 -0.25 0.00	39.32 -0.28 0.00	39.10 -0.27 0.00	40.83 -0.20 0.00	43.85 -0.09 0.00	48.46 0.00 0.00	51.72 0.26 0.00	55.38 0.39 -0.01	50.75 0.05 0.00	38.18 0.08 -0.15	38.39 0.04 0.00	32.76 -0.07 -0.01
ONEIDA___115KV_TB4 55905	36.41 0.64 0.00	34.56 0.58 0.00	33.44 0.59 0.00	33.47 0.56 0.00	33.84 0.60 0.00	34.46 0.61 0.00	35.74 0.67 0.00	36.97 0.62 0.00	37.35 0.52 0.00	41.10 0.45 0.00	43.35 0.43 0.00	42.67 0.34 0.00	41.68 0.29 0.00	39.80 0.20 0.00	39.57 0.20 0.00	41.32 0.29 0.00	44.33 0.40 0.00	49.04 0.58 0.00	52.33 0.87 0.00	55.93 0.93 -0.01	51.36 0.66 0.00	38.72 0.49 -0.27	38.85 0.50 0.00	33.16 0.33 -0.02
ONONDAGA_REF_OCCRA 23987	35.70 -0.07 0.00	33.85 -0.14 0.00	32.72 -0.13 0.00	32.72 -0.20 0.00	33.11 -0.13 0.00	33.75 -0.10 0.00	35.00 -0.07 0.00	36.17 -0.18 0.00	36.62 -0.22 0.00	40.41 -0.24 0.00	42.53 -0.39 0.00	41.91 -0.42 0.00	40.98 -0.41 0.00	39.08 -0.51 0.00	38.82 -0.55 0.00	40.50 -0.53 0.00	43.36 -0.57 0.00	47.83 -0.63 0.00	50.94 -0.51 0.00	54.29 -0.71 -0.02	50.10 -0.61 0.00	38.04 -0.42 -0.50	37.93 -0.42 0.00	32.55 -0.30 -0.03
ONONDAGA___COGEN 23986	35.77 0.00 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.78 -0.13 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.65 -0.18 0.00	40.49 -0.16 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.12 -0.48 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	50.94 -0.51 0.00	54.29 -0.71 -0.02	50.10 -0.61 0.00	38.04 -0.38 -0.47	37.97 -0.38 0.00	32.58 -0.26 -0.03
ONTARIO___LFGE 23819	35.99 0.22 0.00	34.05 0.07 0.00	32.85 0.00 0.00	32.75 -0.16 0.00	33.25 0.00 0.00	33.92 0.07 0.00	35.25 0.18 0.00	36.32 -0.04 0.00	36.87 0.04 0.00	40.53 -0.12 0.00	42.41 -0.51 0.00	41.66 -0.68 0.00	40.56 -0.83 0.00	38.69 -0.91 0.00	38.35 -1.02 0.00	40.09 -0.94 0.00	42.84 -1.10 0.00	47.29 -1.16 0.00	50.48 -0.98 0.00	53.41 -1.60 -0.03	49.64 -1.07 0.00	37.67 -0.95 -0.67	37.40 -0.96 0.00	31.93 -0.92 -0.04
ORANGEVILLE_WT_PWR 323706	35.06 -0.72 0.00	33.13 -0.85 0.00	31.96 -0.89 0.00	31.63 -1.28 0.00	32.18 -1.07 0.00	32.83 -1.01 0.00	34.23 -0.84 0.00	35.05 -1.31 0.00	35.55 -1.29 0.00	38.98 -1.67 0.00	40.48 -2.44 0.00	39.62 -2.71 0.00	38.41 -2.98 0.00	36.59 -3.01 0.00	36.14 -3.23 0.00	37.71 -3.32 0.00	40.11 -3.82 0.00	43.90 -4.56 0.00	46.93 -4.53 0.00	49.47 -5.55 -0.03	46.14 -4.56 0.00	35.11 -3.72 -0.88	34.67 -3.68 0.00	29.59 -3.28 -0.05
ORANGEVILLE___ESR 323794	35.06 -0.72 0.00	33.13 -0.85 0.00	31.96 -0.89 0.00	31.63 -1.28 0.00	32.18 -1.07 0.00	32.83 -1.01 0.00	34.23 -0.84 0.00	35.05 -1.31 0.00	35.55 -1.29 0.00	38.98 -1.67 0.00	40.48 -2.44 0.00	39.62 -2.71 0.00	38.41 -2.98 0.00	36.59 -3.01 0.00	36.14 -3.23 0.00	37.71 -3.32 0.00	40.11 -3.82 0.00	43.90 -4.56 0.00	46.93 -4.53 0.00	49.47 -5.55 -0.03	46.14 -4.56 0.00	35.11 -3.72 -0.88	34.67 -3.68 0.00	29.59 -3.28 -0.05
OSWEGATCHIE___HYD 24044	34.98 -0.79 0.00	33.27 -0.72 0.00	32.16 -0.69 0.00	32.22 -0.69 0.00	32.48 -0.76 0.00	33.07 -0.78 0.00	34.16 -0.91 0.00	35.37 -0.98 0.00	35.73 -1.10 0.00	39.23 -1.42 0.00	41.29 -1.63 0.00	40.64 -1.69 0.00	39.69 -1.70 0.00	38.01 -1.59 0.00	37.72 -1.65 0.00	39.31 -1.72 0.00	42.27 -1.67 0.00	46.67 -1.79 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.78 -1.93 0.00	36.64 -1.44 -0.12	36.78 -1.57 0.00	31.44 -1.38 -0.01
OSWEGO___5 23606	35.16 -0.61 0.00	33.37 -0.61 0.00	32.26 -0.59 0.00	32.26 -0.66 0.00	32.65 -0.60 0.00	33.24 -0.61 0.00	34.48 -0.60 0.00	35.63 -0.73 0.00	36.03 -0.81 0.00	39.72 -0.93 0.00	41.89 -1.03 0.00	41.28 -1.06 0.00	40.31 -1.08 0.00	38.49 -1.11 0.00	38.23 -1.14 0.00	39.88 -1.15 0.00	42.66 -1.28 0.00	47.05 -1.41 0.00	50.02 -1.44 0.00	53.40 -1.60 -0.01	49.28 -1.42 0.00	37.29 -0.99 -0.32	37.36 -1.00 0.00	32.08 -0.75 -0.02

OSWEGO___6 23613	35.16 -0.61 0.00	33.37 -0.61 0.00	32.26 -0.59 0.00	32.26 -0.66 0.00	32.65 -0.60 0.00	33.24 -0.61 0.00	34.48 -0.60 0.00	35.63 -0.73 0.00	36.03 -0.81 0.00	39.72 -0.93 0.00	41.89 -1.03 0.00	41.28 -1.06 0.00	40.31 -1.08 0.00	38.49 -1.11 0.00	38.23 -1.14 0.00	39.88 -1.15 0.00	42.66 -1.28 0.00	47.05 -1.41 0.00	50.02 -1.44 0.00	53.40 -1.60 -0.01	49.28 -1.42 0.00	37.29 -0.99 -0.32	37.36 -1.00 0.00	32.08 -0.75 -0.02
OUTOKUMPU-AB___DRP 24206	34.77 -1.00 0.00	32.76 -1.22 0.00	31.80 -1.05 0.00	31.37 -1.55 0.00	32.15 -1.10 0.00	32.83 -1.02 0.00	34.27 -0.81 0.00	34.97 -1.38 0.00	35.40 -1.44 0.00	38.94 -1.71 0.00	40.30 -2.62 0.00	39.79 -2.54 0.00	38.70 -2.69 0.00	37.02 -2.57 0.00	36.50 -2.87 0.00	38.20 -2.83 0.00	40.24 -3.69 0.00	44.00 -4.46 0.00	47.03 -4.43 0.00	49.35 -5.66 -0.03	46.34 -4.36 0.00	35.21 -3.45 -0.71	35.29 -3.07 0.00	30.20 -2.66 -0.04
OXBOW___BTM 323836	34.45 -1.32 0.00	32.52 -1.46 0.00	31.40 -1.44 0.00	31.04 -1.87 0.00	31.78 -1.46 0.00	32.46 -1.39 0.00	33.88 -1.19 0.00	34.57 -1.78 0.00	35.18 -1.66 0.00	38.49 -2.16 0.00	40.13 -2.79 0.00	39.45 -2.88 0.00	38.29 -3.11 0.00	36.63 -2.97 0.00	36.14 -3.23 0.00	37.79 -3.24 0.00	39.80 -4.13 0.00	43.47 -4.99 0.00	46.47 -4.99 0.00	48.91 -6.10 -0.03	45.79 -4.92 0.00	34.98 -3.68 -0.70	34.90 -3.45 0.00	29.94 -2.92 -0.04
OXBOW____ 24026	34.38 -1.40 0.00	32.35 -1.63 0.00	31.40 -1.45 0.00	31.01 -1.91 0.00	31.78 -1.46 0.00	32.46 -1.39 0.00	33.88 -1.19 0.00	34.54 -1.82 0.00	34.99 -1.84 0.00	38.45 -2.20 0.00	39.83 -3.09 0.00	39.33 -3.01 0.00	38.29 -3.10 0.00	36.63 -2.97 0.00	36.10 -3.27 0.00	37.79 -3.24 0.00	39.81 -4.13 0.00	43.47 -4.99 0.00	46.47 -4.99 0.00	48.80 -6.21 -0.03	45.79 -4.92 0.00	34.94 -3.72 -0.70	34.90 -3.45 0.00	29.97 -2.89 -0.04
OXY_CHEM_DSASP 323612	34.09 -1.68 0.00	32.04 -1.94 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.56 -1.51 0.00	34.21 -2.14 0.00	34.63 -2.21 0.00	38.09 -2.56 0.00	39.44 -3.48 0.00	38.95 -3.39 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.79 -3.58 0.00	37.42 -3.61 0.00	39.41 -4.53 0.00	43.03 -5.43 0.00	46.00 -5.45 0.00	48.41 -6.60 -0.03	45.33 -5.37 0.00	34.71 -3.95 -0.70	34.60 -3.76 0.00	29.84 -3.02 -0.04
OZONE_PARK_ESR 323760	37.17 1.40 0.00	35.37 1.39 0.00	34.03 1.18 0.00	34.17 1.25 0.00	34.41 1.16 0.00	35.00 1.15 0.00	36.44 1.37 0.00	38.24 1.89 0.00	38.75 1.92 0.00	42.93 2.28 0.00	45.37 2.45 0.00	44.83 2.50 0.00	43.83 2.44 0.00	42.01 2.42 0.00	41.85 2.48 0.00	43.62 2.58 0.00	46.79 2.86 0.00	51.75 3.30 0.00	55.16 3.70 0.00	59.67 4.51 -0.18	54.71 4.01 0.00	45.25 2.69 -4.60	40.96 2.61 0.00	35.07 1.97 -0.29
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.09 -1.68 0.00	32.04 -1.94 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.56 -1.51 0.00	34.21 -2.14 0.00	34.63 -2.21 0.00	38.09 -2.56 0.00	39.44 -3.48 0.00	38.95 -3.39 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.79 -3.58 0.00	37.42 -3.61 0.00	39.41 -4.53 0.00	43.03 -5.43 0.00	46.00 -5.45 0.00	48.41 -6.60 -0.03	45.33 -5.37 0.00	34.71 -3.95 -0.70	34.60 -3.76 0.00	29.84 -3.02 -0.04
PACKARD___115KV_DUPONT_184 80571	34.09 -1.68 0.00	32.04 -1.94 0.00	31.11 -1.74 0.00	30.78 -2.14 0.00	31.52 -1.73 0.00	32.22 -1.62 0.00	33.56 -1.51 0.00	34.21 -2.14 0.00	34.63 -2.21 0.00	38.09 -2.56 0.00	39.44 -3.48 0.00	38.95 -3.39 0.00	37.91 -3.48 0.00	36.27 -3.33 0.00	35.79 -3.58 0.00	37.42 -3.61 0.00	39.41 -4.53 0.00	43.03 -5.43 0.00	46.00 -5.45 0.00	48.41 -6.60 -0.03	45.33 -5.37 0.00	34.71 -3.95 -0.70	34.60 -3.76 0.00	29.84 -3.02 -0.04
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.10 1.32 -0.01	35.35 1.36 -0.01	34.01 1.15 -0.01	34.11 1.18 -0.01	34.42 1.16 -0.01	34.86 1.02 0.00	36.23 1.16 0.00	38.05 1.71 0.01	38.56 1.73 0.01	42.67 2.03 0.01	45.10 2.19 0.01	44.57 2.24 0.01	43.58 2.19 0.01	41.77 2.18 0.01	41.65 2.28 0.01	43.36 2.34 0.01	46.52 2.59 0.01	51.41 2.96 0.00	54.70 3.24 0.00	59.12 3.96 -0.18	54.30 3.60 0.00	45.02 2.47 -4.60	40.74 2.38 -0.01	34.95 1.84 -0.30
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.28 1.50 -0.01	35.52 1.53 -0.01	34.20 1.35 -0.01	34.27 1.35 -0.01	34.62 1.36 -0.01	35.07 1.22 0.00	36.44 1.37 0.00	38.24 1.89 0.01	38.74 1.92 0.01	42.84 2.20 0.01	45.27 2.36 0.01	44.70 2.37 0.01	43.70 2.32 0.01	41.89 2.30 0.01	41.76 2.40 0.01	43.48 2.46 0.01	46.65 2.72 0.01	51.61 3.15 0.00	54.90 3.45 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.17 2.62 -4.60	40.90 2.53 -0.01	35.04 1.94 -0.30
PATROON___115KV_TB1 80586	36.20 0.43 0.00	34.42 0.44 0.00	33.28 0.43 0.00	33.38 0.46 0.00	33.68 0.43 0.00	34.32 0.47 0.00	35.67 0.60 0.00	37.15 0.80 0.00	37.50 0.66 0.00	41.50 0.85 0.00	44.72 1.80 0.00	44.11 1.78 0.00	43.17 1.78 0.00	41.42 1.82 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.74 2.28 0.00	53.98 2.52 0.00	57.89 2.69 -0.21	53.24 2.54 0.00	45.41 1.82 -5.64	40.27 1.92 0.00	34.64 1.48 -0.35
PATTRSNVILLE___SOLAR 323815	36.95 1.18 0.00	35.10 1.12 0.00	33.97 1.12 0.00	34.07 1.15 0.00	34.41 1.16 0.00	35.06 1.22 0.00	36.30 1.23 0.00	37.70 1.35 0.00	38.05 1.21 0.00	41.91 1.26 0.00	44.21 1.29 0.00	43.60 1.27 0.00	42.68 1.28 0.00	40.90 1.30 0.00	40.71 1.34 0.00	42.38 1.35 0.00	45.51 1.58 0.00	50.40 1.94 0.00	53.77 2.32 0.00	57.69 2.48 -0.23	52.99 2.28 0.00	45.51 1.63 -5.92	40.04 1.69 0.00	34.46 1.28 -0.37
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.31 -0.47 0.00	33.30 -0.68 0.00	32.29 -0.56 0.00	31.86 -1.05 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.76 -0.32 0.00	35.59 -0.76 0.00	36.06 -0.77 0.00	39.63 -1.02 0.00	40.99 -1.93 0.00	40.43 -1.91 0.00	39.32 -2.07 0.00	37.62 -1.98 0.00	37.09 -2.28 0.00	38.81 -2.22 0.00	41.04 -2.90 0.00	45.02 -3.44 0.00	48.11 -3.34 0.00	49.57 -5.44 -0.03	47.41 -3.30 0.00	34.78 -3.95 -0.77	35.94 -2.42 0.00	29.68 -3.18 -0.05
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.09 1.32 0.00	35.31 1.33 0.00	34.00 1.15 0.00	34.10 1.18 0.00	34.41 1.16 0.00	35.07 1.22 0.00	36.33 1.26 0.00	38.10 1.75 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.15 2.23 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.74 2.14 0.00	41.58 2.20 0.00	43.29 2.26 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.80 3.34 0.00	59.01 3.85 -0.18	54.25 3.55 0.00	44.94 2.35 -4.63	40.73 2.38 0.00	34.87 1.77 -0.29
PEEKSKILL____ 23653	36.67 0.89 0.00	34.86 0.88 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.01 0.77 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.09 1.25 0.00	42.15 1.50 0.00	44.51 1.59 0.00	43.98 1.65 0.00	43.00 1.61 0.00	41.26 1.66 0.00	41.10 1.73 0.00	42.83 1.80 0.00	46.00 2.07 0.00	50.83 2.37 0.00	54.13 2.67 0.00	58.23 3.08 -0.17	53.64 2.94 0.00	44.39 1.93 -4.50	40.27 1.92 0.00	34.57 1.48 -0.28

PGE MADISON___WINDPWR 24146	38.06 2.29 0.00	36.12 2.14 0.00	34.92 2.07 0.00	34.86 1.94 0.00	35.24 1.99 0.00	35.81 1.96 0.00	37.28 2.21 0.00	38.43 2.07 0.00	38.82 1.99 0.00	42.44 1.79 0.00	44.72 1.80 0.00	43.78 1.44 0.00	42.51 1.12 0.00	40.59 0.99 0.00	40.28 0.91 0.00	42.18 1.15 0.00	45.38 1.45 0.00	50.25 1.79 0.00	53.93 2.47 0.00	57.40 2.36 -0.05	52.33 1.62 0.00	40.40 1.03 -1.41	39.43 1.07 0.00	33.49 0.59 -0.09
PIERCEFIELD___HYD 23852	35.02 -0.75 0.00	33.30 -0.68 0.00	32.19 -0.66 0.00	32.29 -0.63 0.00	32.55 -0.70 0.00	33.10 -0.74 0.00	34.09 -0.98 0.00	35.34 -1.02 0.00	35.99 -0.85 0.00	39.63 -1.02 0.00	41.72 -1.20 0.00	41.11 -1.23 0.00	40.23 -1.16 0.00	38.61 -0.99 0.00	38.27 -1.10 0.00	39.80 -1.23 0.00	42.71 -1.23 0.00	47.00 -1.45 0.00	49.71 -1.75 0.00	53.33 -1.65 0.00	48.88 -1.83 0.00	36.55 -1.40 0.00	36.82 -1.53 0.00	31.53 -1.28 0.00
PINELAWN_CC_1 323563	37.16 1.39 0.00	35.44 1.46 0.00	33.80 0.95 0.00	33.77 0.85 0.00	33.98 0.73 0.00	34.29 0.44 0.00	35.81 0.74 0.00	37.63 1.27 0.00	37.57 0.74 0.00	42.03 1.38 0.00	44.59 1.67 0.00	44.15 1.82 0.00	43.13 1.74 0.00	41.58 1.98 0.00	41.77 2.40 0.00	43.33 2.30 0.00	46.57 2.64 0.00	51.22 2.76 0.00	54.08 2.62 0.00	58.35 3.19 -0.18	53.95 3.25 0.00	44.91 2.35 -4.60	40.89 2.53 0.00	35.14 2.04 -0.29
PJM_GEN_HTP_PROXY 323702	36.88 1.11 0.00	35.07 1.09 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.76 0.91 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.42 1.58 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.53 2.16 0.00	43.24 2.21 0.00	46.44 2.50 0.00	51.37 2.91 0.00	54.70 3.24 0.00	58.95 3.79 -0.18	54.25 3.55 0.00	44.87 2.32 -4.60	40.66 2.30 0.00	34.90 1.80 -0.29
PJM_GEN_KEystone 24065	35.66 -0.11 0.00	33.85 -0.14 0.00	32.62 -0.23 0.00	32.55 -0.36 0.00	32.98 -0.27 0.00	33.61 -0.24 0.00	35.00 -0.07 0.00	36.35 0.00 0.00	36.80 -0.04 0.00	40.57 -0.08 0.00	42.53 -0.39 0.00	41.91 -0.42 0.00	40.90 -0.49 0.00	39.16 -0.43 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.83 -0.63 0.00	51.04 -0.41 0.00	54.16 -0.94 -0.11	50.50 -0.20 0.00	40.15 -0.61 -2.80	38.01 -0.35 0.00	32.40 -0.59 -0.18
PJM_GEN_NEPTUNE_PROXY 323594	36.92 1.14 0.00	35.17 1.19 0.00	33.54 0.69 0.00	33.54 0.62 0.00	33.78 0.53 0.00	34.12 0.27 0.00	35.60 0.53 0.00	37.41 1.05 0.00	37.50 0.66 0.00	41.87 1.22 0.00	44.42 1.50 0.00	43.98 1.65 0.00	42.96 1.57 0.00	41.42 1.82 0.00	41.53 2.16 0.00	43.08 2.05 0.00	46.31 2.37 0.00	50.88 2.42 0.00	53.77 2.32 0.00	58.02 2.86 -0.18	53.59 2.89 0.00	44.65 2.09 -4.60	40.54 2.19 0.00	34.84 1.74 -0.29
PJM_GEN_VFT_PROXY 323633	36.74 0.97 0.00	34.93 0.95 0.00	33.64 0.79 0.00	33.77 0.85 0.00	34.01 0.77 0.00	34.59 0.74 0.00	36.05 0.98 0.00	37.85 1.49 0.00	38.31 1.48 0.00	42.44 1.79 0.00	44.76 1.84 0.00	44.28 1.95 0.00	43.34 1.95 0.00	41.50 1.90 0.00	41.38 2.01 0.00	43.08 2.05 0.00	46.22 2.28 0.00	51.17 2.71 0.00	54.54 3.09 0.00	58.73 3.57 -0.18	54.10 3.40 0.00	44.76 2.20 -4.60	40.50 2.15 0.00	34.77 1.67 -0.29
PLATSBURG_115KV_PMLD1 355749	36.45 0.68 0.00	34.66 0.68 0.00	33.54 0.69 0.00	33.67 0.76 0.00	33.94 0.70 0.00	34.52 0.68 0.00	35.21 0.14 0.00	36.50 0.15 0.00	37.24 0.41 0.00	41.10 0.45 0.00	43.26 0.34 0.00	42.63 0.30 0.00	41.72 0.33 0.00	39.99 0.40 0.00	39.65 0.28 0.00	41.24 0.21 0.00	44.20 0.26 0.00	48.51 0.05 0.00	51.15 -0.31 0.00	54.60 -0.38 0.00	50.04 -0.66 0.00	37.20 -0.76 0.00	37.67 -0.69 0.00	32.19 -0.62 0.00
PLEASANTVLY___LBMP 24000	36.74 0.97 0.00	34.97 0.99 0.00	33.70 0.85 0.00	33.84 0.92 0.00	34.11 0.86 0.00	34.73 0.88 0.00	36.05 0.98 0.00	37.70 1.35 0.00	38.16 1.33 0.00	42.19 1.54 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.09 1.70 0.00	41.34 1.74 0.00	41.18 1.81 0.00	42.88 1.85 0.00	46.00 2.06 0.00	50.83 2.37 0.00	54.13 2.68 0.00	58.30 3.13 -0.18	53.59 2.89 0.00	44.74 2.01 -4.77	40.31 1.96 0.00	34.59 1.48 -0.30
PLSNTVLE_13_KV_13.8KVDIST 80602	36.88 1.11 0.00	35.14 1.16 0.00	33.83 0.99 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.23 1.16 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.38 1.99 0.00	41.62 2.02 0.00	41.46 2.09 0.00	43.16 2.13 0.00	46.35 2.42 0.00	51.22 2.76 0.00	54.49 3.04 0.00	58.84 3.68 -0.18	54.00 3.30 0.00	44.86 2.28 -4.63	40.54 2.19 0.00	34.78 1.67 -0.29
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.88 1.11 0.00	35.14 1.16 0.00	33.83 0.99 0.00	33.94 1.02 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.23 1.16 0.00	37.92 1.56 0.00	38.38 1.55 0.00	42.44 1.79 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.38 1.99 0.00	41.62 2.02 0.00	41.46 2.09 0.00	43.16 2.13 0.00	46.35 2.42 0.00	51.22 2.76 0.00	54.49 3.04 0.00	58.84 3.68 -0.18	54.00 3.30 0.00	44.86 2.28 -4.63	40.54 2.19 0.00	34.78 1.67 -0.29
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.92 1.14 0.00	35.17 1.19 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.93 1.08 0.00	36.26 1.19 0.00	37.88 1.53 0.00	38.38 1.55 0.00	42.40 1.75 0.00	44.85 1.93 0.00	44.28 1.95 0.00	43.30 1.90 0.00	41.50 1.90 0.00	41.34 1.97 0.00	43.08 2.05 0.00	46.26 2.33 0.00	51.12 2.67 0.00	54.44 2.98 0.00	58.63 3.46 -0.18	53.90 3.19 0.00	44.83 2.20 -4.68	40.54 2.19 0.00	34.75 1.64 -0.29
POLETTI___ 23519	36.95 1.18 0.00	35.14 1.16 0.00	33.80 0.95 0.00	33.94 1.02 0.00	34.18 0.93 0.00	34.80 0.95 0.00	36.19 1.12 0.00	37.99 1.64 0.00	38.49 1.66 0.00	42.64 1.99 0.00	45.07 2.15 0.00	44.49 2.16 0.00	43.50 2.11 0.00	41.74 2.14 0.00	41.58 2.20 0.00	43.29 2.26 0.00	46.48 2.55 0.00	51.37 2.91 0.00	54.70 3.24 0.00	59.17 4.01 -0.18	54.25 3.55 0.00	44.95 2.39 -4.60	40.66 2.30 0.00	34.84 1.74 -0.29
POMONA___ESR 323819	36.67 0.89 0.00	34.90 0.92 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.01 0.77 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.66 1.31 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.51 1.59 0.00	43.98 1.65 0.00	43.00 1.61 0.00	41.26 1.66 0.00	41.10 1.73 0.00	42.83 1.80 0.00	46.00 2.07 0.00	50.83 2.37 0.00	54.13 2.67 0.00	58.23 3.08 -0.17	53.69 2.99 0.00	44.34 1.97 -4.41	40.27 1.92 0.00	34.57 1.48 -0.28
PORT_JEFF_3 23555	37.09 1.32 0.00	35.51 1.53 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.35 0.52 0.00	41.95 1.30 0.00	44.42 1.50 0.00	44.03 1.70 0.00	42.96 1.57 0.00	41.46 1.86 0.00	41.93 2.56 0.00	43.41 2.38 0.00	46.62 2.68 0.00	51.27 2.81 0.00	53.88 2.42 0.00	58.18 3.02 -0.18	53.85 3.14 0.00	44.84 2.28 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29

PORT_JEFF_4 23616	37.09 1.32 0.00	35.51 1.53 0.00	33.87 1.02 0.00	33.80 0.89 0.00	33.98 0.73 0.00	34.09 0.24 0.00	35.60 0.53 0.00	37.44 1.09 0.00	37.35 0.52 0.00	41.95 1.30 0.00	44.42 1.50 0.00	44.03 1.70 0.00	42.96 1.57 0.00	41.46 1.86 0.00	41.93 2.56 0.00	43.41 2.38 0.00	46.62 2.68 0.00	51.27 2.81 0.00	53.88 2.42 0.00	58.18 3.02 -0.18	53.85 3.14 0.00	44.84 2.28 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
PORT_JEFF_IC 23713	37.13 1.36 0.00	35.85 1.87 0.00	33.87 1.02 0.00	33.80 0.89 0.00	34.11 0.86 0.00	34.39 0.54 0.00	35.60 0.53 0.00	37.48 1.13 0.00	37.39 0.55 0.00	41.87 1.22 0.00	44.68 1.76 0.00	44.20 1.86 0.00	43.13 1.74 0.00	41.58 1.98 0.00	42.09 2.72 0.00	43.57 2.54 0.00	46.84 2.90 0.00	51.41 2.96 0.00	54.13 2.68 0.00	58.84 3.68 -0.18	54.10 3.40 0.00	45.33 2.77 -4.60	41.04 2.68 0.00	35.20 2.10 -0.29
PPL_PILGRIM_ST_GT1 24216	37.27 1.50 0.00	35.61 1.63 0.00	33.97 1.12 0.00	33.90 0.99 0.00	34.11 0.86 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.70 1.35 0.00	37.61 0.77 0.00	42.19 1.54 0.00	44.72 1.80 0.00	44.32 1.99 0.00	43.26 1.86 0.00	41.74 2.14 0.00	42.01 2.64 0.00	43.53 2.50 0.00	46.83 2.90 0.00	51.41 2.96 0.00	54.13 2.67 0.00	58.40 3.24 -0.18	54.05 3.35 0.00	45.06 2.50 -4.60	41.08 2.72 0.00	35.30 2.20 -0.29
PPL_PILGRIM_ST_GT2 24217	37.27 1.50 0.00	35.61 1.63 0.00	33.97 1.12 0.00	33.90 0.99 0.00	34.11 0.86 0.00	34.36 0.51 0.00	35.84 0.77 0.00	37.70 1.35 0.00	37.61 0.77 0.00	42.19 1.54 0.00	44.72 1.80 0.00	44.32 1.99 0.00	43.26 1.86 0.00	41.74 2.14 0.00	42.01 2.64 0.00	43.53 2.50 0.00	46.83 2.90 0.00	51.41 2.96 0.00	54.13 2.67 0.00	58.40 3.24 -0.18	54.05 3.35 0.00	45.06 2.50 -4.60	41.08 2.72 0.00	35.30 2.20 -0.29
PPL_SHRM_GT3 24213	36.63 0.86 0.00	35.38 1.39 0.00	33.70 0.85 0.00	33.64 0.72 0.00	33.71 0.47 0.00	33.51 -0.34 0.00	35.00 -0.07 0.00	36.86 0.51 0.00	36.69 -0.15 0.00	41.42 0.77 0.00	43.69 0.77 0.00	43.26 0.93 0.00	42.22 0.83 0.00	40.75 1.15 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.04 2.11 0.00	50.88 2.42 0.00	53.10 1.65 0.00	57.41 2.26 -0.18	53.14 2.43 0.00	44.31 1.75 -4.60	40.62 2.26 0.00	35.10 2.00 -0.29
PPL_SHRM_GT4 24214	36.63 0.86 0.00	35.38 1.39 0.00	33.70 0.85 0.00	33.64 0.72 0.00	33.71 0.47 0.00	33.51 -0.34 0.00	35.00 -0.07 0.00	36.86 0.51 0.00	36.69 -0.15 0.00	41.42 0.77 0.00	43.69 0.77 0.00	43.26 0.93 0.00	42.22 0.83 0.00	40.75 1.15 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.04 2.11 0.00	50.88 2.42 0.00	53.10 1.65 0.00	57.41 2.26 -0.18	53.14 2.43 0.00	44.31 1.75 -4.60	40.62 2.26 0.00	35.10 2.00 -0.29
PROJECT___ORANGE 1 24174	35.63 -0.14 0.00	33.78 -0.20 0.00	32.65 -0.20 0.00	32.65 -0.26 0.00	33.05 -0.20 0.00	33.68 -0.17 0.00	34.93 -0.14 0.00	36.10 -0.25 0.00	36.51 -0.33 0.00	40.32 -0.33 0.00	42.45 -0.47 0.00	41.83 -0.51 0.00	40.89 -0.50 0.00	39.00 -0.59 0.00	38.74 -0.63 0.00	40.42 -0.62 0.00	43.23 -0.70 0.00	47.68 -0.78 0.00	50.74 -0.72 0.00	54.12 -0.88 -0.02	49.94 -0.76 0.00	37.88 -0.49 -0.41	37.86 -0.50 0.00	32.48 -0.36 -0.03
PROJECT___ORANGE 2 24166	35.63 -0.14 0.00	33.78 -0.20 0.00	32.65 -0.20 0.00	32.65 -0.26 0.00	33.05 -0.20 0.00	33.68 -0.17 0.00	34.93 -0.14 0.00	36.10 -0.25 0.00	36.51 -0.33 0.00	40.32 -0.33 0.00	42.45 -0.47 0.00	41.83 -0.51 0.00	40.89 -0.50 0.00	39.00 -0.59 0.00	38.74 -0.63 0.00	40.42 -0.62 0.00	43.23 -0.70 0.00	47.68 -0.78 0.00	50.74 -0.72 0.00	54.12 -0.88 -0.02	49.94 -0.76 0.00	37.88 -0.49 -0.41	37.86 -0.50 0.00	32.48 -0.36 -0.03
PUCKETT___SOLAR 323809	36.42 0.64 0.00	34.52 0.54 0.00	33.37 0.52 0.00	33.34 0.43 0.00	33.75 0.50 0.00	34.36 0.51 0.00	35.70 0.63 0.00	36.90 0.55 0.00	37.35 0.52 0.00	41.10 0.45 0.00	43.14 0.22 0.00	42.42 0.08 0.00	41.35 -0.04 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.99 -0.04 0.00	43.94 0.00 0.00	48.56 0.10 0.00	51.87 0.41 0.00	55.10 0.06 -0.06	50.91 0.20 0.00	39.39 -0.08 -1.51	38.43 0.08 0.00	32.74 -0.16 -0.09
PYRITES___HYD 24023	35.77 0.00 0.00	34.05 0.07 0.00	32.91 0.07 0.00	33.01 0.10 0.00	33.21 -0.03 0.00	33.78 -0.07 0.00	34.83 -0.25 0.00	36.03 -0.33 0.00	36.69 -0.15 0.00	40.32 -0.33 0.00	42.45 -0.47 0.00	41.83 -0.51 0.00	40.94 -0.46 0.00	39.24 -0.36 0.00	38.94 -0.43 0.00	40.50 -0.53 0.00	43.50 -0.44 0.00	47.93 -0.53 0.00	50.84 -0.62 0.00	54.60 -0.38 0.00	49.94 -0.76 0.00	37.35 -0.61 0.00	37.63 -0.73 0.00	32.19 -0.62 0.00
QUAKERRD_115KV_BK1 80622	34.59 -1.18 0.00	32.66 -1.33 0.00	31.60 -1.25 0.00	31.43 -1.48 0.00	32.05 -1.20 0.00	32.70 -1.15 0.00	33.95 -1.12 0.00	34.90 -1.45 0.00	35.36 -1.47 0.00	38.98 -1.67 0.00	40.77 -2.15 0.00	40.30 -2.03 0.00	39.28 -2.11 0.00	37.54 -2.06 0.00	37.17 -2.20 0.00	38.81 -2.22 0.00	41.34 -2.59 0.00	45.45 -3.00 0.00	48.32 -3.14 0.00	51.60 -3.41 -0.02	47.76 -2.94 0.00	36.45 -2.05 -0.54	36.13 -2.22 0.00	31.11 -1.74 -0.03
QUENSBRY_115KV_TB8 356137	37.60 1.82 0.00	35.68 1.70 0.00	34.52 1.68 0.00	34.59 1.68 0.00	34.98 1.73 0.00	35.61 1.76 0.00	37.00 1.93 0.00	38.61 2.25 0.00	39.01 2.17 0.00	43.13 2.48 0.00	45.54 2.62 0.00	44.92 2.58 0.00	43.83 2.44 0.00	42.05 2.46 0.00	41.85 2.48 0.00	43.57 2.54 0.00	46.70 2.77 0.00	51.56 3.10 0.00	55.06 3.60 0.00	59.00 3.79 -0.22	54.10 3.40 0.00	46.12 2.39 -5.77	40.81 2.45 0.00	35.11 1.94 -0.36
RAMAPO___LBMP 323565	36.52 0.75 0.00	34.80 0.82 0.00	33.51 0.66 0.00	33.64 0.72 0.00	33.91 0.66 0.00	34.52 0.68 0.00	35.88 0.81 0.00	37.52 1.16 0.00	37.98 1.14 0.00	41.99 1.34 0.00	44.38 1.46 0.00	43.82 1.48 0.00	42.84 1.45 0.00	41.06 1.47 0.00	40.91 1.54 0.00	42.63 1.60 0.00	45.78 1.85 0.00	50.59 2.13 0.00	53.93 2.47 0.00	58.12 2.97 -0.17	53.44 2.74 0.00	44.14 1.82 -4.37	40.12 1.76 0.00	34.40 1.31 -0.27
RANKINE____ 23646	35.16 -0.61 0.00	33.13 -0.85 0.00	32.16 -0.69 0.00	31.70 -1.22 0.00	32.48 -0.76 0.00	33.14 -0.71 0.00	34.62 -0.46 0.00	35.37 -0.98 0.00	35.84 -0.99 0.00	39.39 -1.26 0.00	40.77 -2.15 0.00	40.26 -2.07 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.89 -2.48 0.00	38.61 -2.42 0.00	40.73 -3.21 0.00	44.58 -3.88 0.00	47.65 -3.81 0.00	49.62 -5.39 -0.03	46.90 -3.80 0.00	35.21 -3.49 -0.75	35.67 -2.68 0.00	30.14 -2.72 -0.05
RAVENSWOOD_GT2_1 24244	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.11 2.19 0.00	44.54 2.20 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	45.03 2.47 -4.60	40.70 2.34 0.00	34.91 1.80 -0.29



RAVENSWOOD_GT2_2 24245	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.11 2.19 0.00	44.54 2.20 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	45.03 2.47 -4.60	40.70 2.34 0.00	34.91 1.80 -0.29
RAVENSWOOD_GT2_3 24246	36.99 1.22 0.00	35.20 1.22 0.00	33.90 1.05 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.30 1.23 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.78 2.18 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
RAVENSWOOD_GT2_4 24247	36.99 1.22 0.00	35.20 1.22 0.00	33.90 1.05 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.30 1.23 0.00	38.06 1.71 0.00	38.57 1.73 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.59 2.19 0.00	41.78 2.18 0.00	41.65 2.28 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.46 3.00 0.00	54.80 3.34 0.00	59.23 4.07 -0.18	54.35 3.65 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
RAVENSWOOD_GT3_1 24248	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.53 1.69 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
RAVENSWOOD_GT3_2 24249	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	38.06 1.71 0.00	38.53 1.69 0.00	42.68 2.03 0.00	45.11 2.19 0.00	44.58 2.24 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.37 2.34 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
RAVENSWOOD_GT3_3 24250	37.02 1.25 0.00	35.24 1.26 0.00	33.93 1.08 0.00	34.03 1.12 0.00	34.31 1.06 0.00	34.90 1.05 0.00	36.30 1.23 0.00	38.10 1.75 0.00	38.60 1.77 0.00	42.72 2.07 0.00	45.15 2.23 0.00	44.62 2.29 0.00	43.63 2.24 0.00	41.82 2.22 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.57 2.64 0.00	51.51 3.05 0.00	54.85 3.40 0.00	59.28 4.12 -0.18	54.41 3.70 0.00	45.06 2.51 -4.60	40.77 2.42 0.00	34.94 1.84 -0.29
RAVENSWOOD_GT3_4 24251	37.02 1.25 0.00	35.24 1.26 0.00	33.93 1.08 0.00	34.03 1.12 0.00	34.31 1.06 0.00	34.90 1.05 0.00	36.30 1.23 0.00	38.10 1.75 0.00	38.60 1.77 0.00	42.72 2.07 0.00	45.15 2.23 0.00	44.62 2.29 0.00	43.63 2.24 0.00	41.82 2.22 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.57 2.64 0.00	51.51 3.05 0.00	54.85 3.40 0.00	59.28 4.12 -0.18	54.41 3.70 0.00	45.06 2.51 -4.60	40.77 2.42 0.00	34.94 1.84 -0.29
RAVENSWOOD_GT_1 23729	39.02 1.43 -1.82	35.42 1.43 -0.01	34.07 1.22 -0.01	35.03 1.28 -0.83	34.49 1.23 -0.01	35.03 1.18 0.00	36.44 1.37 0.00	40.33 1.89 -2.09	40.87 1.92 -2.12	44.38 2.24 -1.49	46.76 2.45 -1.39	46.32 2.46 -1.53	45.49 2.40 -1.70	44.01 2.42 -2.00	43.51 2.48 -1.66	45.28 2.54 -1.70	47.89 2.86 -1.10	52.03 3.25 -0.33	55.01 3.55 0.00	59.45 4.29 -0.18	54.56 3.85 0.00	46.83 2.66 -6.22	42.38 2.57 -1.45	37.19 1.97 -2.41
RAVENSWOOD_GT_10 24258	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	37.98 1.67 0.04	38.49 1.69 0.04	42.61 1.99 0.03	45.08 2.19 0.03	44.50 2.20 0.03	43.51 2.15 0.03	41.74 2.18 0.04	41.58 2.24 0.03	43.29 2.30 0.03	46.52 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	44.99 2.47 -4.57	40.70 2.34 0.00	34.90 1.80 -0.29
RAVENSWOOD_GT_11 24259	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	37.98 1.67 0.04	38.49 1.69 0.04	42.61 1.99 0.03	45.08 2.19 0.03	44.50 2.20 0.03	43.51 2.15 0.03	41.74 2.18 0.04	41.58 2.24 0.03	43.29 2.30 0.03	46.52 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	44.99 2.47 -4.57	40.70 2.34 0.00	34.90 1.80 -0.29
RAVENSWOOD_GT_4 24252	38.32 1.18 -1.37	35.17 1.19 0.01	33.83 0.99 0.01	34.59 1.05 -0.62	34.24 1.00 0.01	34.83 0.98 0.00	36.23 1.16 0.00	38.93 1.64 -0.94	39.45 1.66 -0.96	43.27 1.95 -0.67	45.69 2.15 -0.62	45.18 2.16 -0.69	44.27 2.11 -0.77	42.64 2.14 -0.90	42.32 2.20 -0.75	44.05 2.26 -0.77	47.25 2.55 -0.77	51.66 2.96 -0.25	54.75 3.29 0.00	59.17 4.01 -0.18	54.25 3.55 0.00	45.71 2.43 -5.33	41.75 2.30 -1.09	36.48 1.77 -1.89
RAVENSWOOD_GT_5 24254	38.32 1.18 -1.37	35.17 1.19 0.01	33.83 0.99 0.01	34.59 1.05 -0.62	34.24 1.00 0.01	34.83 0.98 0.00	36.23 1.16 0.00	38.93 1.64 -0.94	39.45 1.66 -0.96	43.27 1.95 -0.67	45.69 2.15 -0.62	45.18 2.16 -0.69	44.27 2.11 -0.77	42.64 2.14 -0.90	42.32 2.20 -0.75	44.05 2.26 -0.77	47.25 2.55 -0.77	51.66 2.96 -0.25	54.75 3.29 0.00	59.17 4.01 -0.18	54.25 3.55 0.00	45.71 2.43 -5.33	41.75 2.30 -1.09	36.48 1.77 -1.89
RAVENSWOOD_GT_6 24253	38.32 1.18 -1.37	35.17 1.19 0.01	33.83 0.99 0.01	34.59 1.05 -0.62	34.24 1.00 0.01	34.83 0.98 0.00	36.23 1.16 0.00	38.93 1.64 -0.94	39.45 1.66 -0.96	43.27 1.95 -0.67	45.69 2.15 -0.62	45.18 2.16 -0.69	44.27 2.11 -0.77	42.64 2.14 -0.90	42.32 2.20 -0.75	44.05 2.26 -0.77	47.25 2.55 -0.77	51.66 2.96 -0.25	54.75 3.29 0.00	59.17 4.01 -0.18	54.25 3.55 0.00	45.71 2.43 -5.33	41.75 2.30 -1.09	36.48 1.77 -1.89
RAVENSWOOD_GT_7 24255	38.32 1.18 -1.37	35.17 1.19 0.01	33.83 0.99 0.01	34.59 1.05 -0.62	34.24 1.00 0.01	34.83 0.98 0.00	36.23 1.16 0.00	38.93 1.64 -0.94	39.45 1.66 -0.96	43.27 1.95 -0.67	45.69 2.15 -0.62	45.18 2.16 -0.69	44.27 2.11 -0.77	42.64 2.14 -0.90	42.32 2.20 -0.75	44.05 2.26 -0.77	47.25 2.55 -0.77	51.66 2.96 -0.25	54.75 3.29 0.00	59.17 4.01 -0.18	54.25 3.55 0.00	45.71 2.43 -5.33	41.75 2.30 -1.09	36.48 1.77 -1.89
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	37.98 1.67 0.04	38.49 1.69 0.04	42.61 1.99 0.03	45.08 2.19 0.03	44.50 2.20 0.03	43.51 2.15 0.03	41.74 2.18 0.04	41.58 2.24 0.03	43.29 2.30 0.03	46.52 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	44.99 2.47 -4.57	40.70 2.34 0.00	34.90 1.80 -0.29

RAVENSWOOD_GT_9 24257	36.99 1.22 0.00	35.20 1.22 0.00	33.87 1.02 0.00	34.00 1.09 0.00	34.28 1.03 0.00	34.86 1.02 0.00	36.26 1.19 0.00	37.98 1.67 0.04	38.49 1.69 0.04	42.61 1.99 0.03	45.08 2.19 0.03	44.50 2.20 0.03	43.51 2.15 0.03	41.74 2.18 0.04	41.58 2.24 0.03	43.29 2.30 0.03	46.52 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.23 4.07 -0.18	54.30 3.60 0.00	44.99 2.47 -4.57	40.70 2.34 0.00	34.90 1.80 -0.29
RAVENSWOOD___1 23533	37.17 1.39 -0.01	35.35 1.36 -0.01	34.07 1.22 -0.01	34.17 1.25 -0.01	34.45 1.20 -0.01	35.00 1.15 0.00	36.44 1.37 0.00	38.67 1.89 -0.42	39.14 1.88 -0.43	43.19 2.23 -0.30	45.56 2.36 -0.28	45.06 2.41 -0.31	44.10 2.36 -0.35	42.38 2.38 -0.41	42.19 2.48 -0.34	43.92 2.54 -0.35	46.79 2.81 -0.05	51.66 3.20 0.00	55.00 3.55 0.00	59.17 4.01 -0.18	54.56 3.85 0.00	45.51 2.62 -4.93	40.93 2.57 -0.01	35.11 2.00 -0.30
RAVENSWOOD___2 23534	37.17 1.39 -0.01	35.35 1.36 -0.01	34.07 1.22 -0.01	34.17 1.25 -0.01	34.45 1.20 -0.01	34.96 1.12 0.00	36.40 1.33 0.00	38.67 1.89 -0.42	39.14 1.88 -0.43	43.19 2.23 -0.30	45.56 2.36 -0.28	45.06 2.41 -0.31	44.09 2.36 -0.35	42.38 2.38 -0.40	42.15 2.44 -0.34	43.92 2.54 -0.35	46.75 2.77 -0.04	51.66 3.20 0.00	54.96 3.50 0.00	59.17 4.01 -0.18	54.56 3.85 0.00	45.47 2.58 -4.93	40.93 2.57 -0.01	35.11 2.00 -0.30
RAVENSWOOD___3 23535	36.95 1.18 0.00	35.17 1.19 0.00	33.87 1.02 0.00	34.00 1.08 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.27 1.19 0.00	38.06 1.71 0.00	38.50 1.66 0.00	42.68 2.03 0.00	45.07 2.15 0.00	44.53 2.20 0.00	43.54 2.15 0.00	41.77 2.18 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.48 2.55 0.00	51.41 2.96 0.00	54.80 3.34 0.00	59.01 3.85 -0.18	54.36 3.65 0.00	44.95 2.39 -4.60	40.74 2.38 0.00	34.94 1.84 -0.29
RAVENSWOOD___4 23820	35.35 1.36 1.78	35.31 1.32 -0.01	34.04 1.18 -0.01	33.37 1.25 0.80	34.42 1.16 -0.01	34.96 1.12 0.00	36.40 1.33 0.00	37.03 1.89 1.22	37.44 1.84 1.24	41.98 2.19 0.87	44.47 2.36 0.81	43.86 2.41 0.89	42.76 2.32 0.99	40.81 2.38 1.16	40.85 2.44 0.97	42.58 2.54 0.99	45.71 2.77 0.99	51.33 3.20 0.32	54.96 3.50 0.00	59.17 4.01 -0.17	54.51 3.80 0.00	44.20 2.58 -3.66	39.51 2.57 1.41	33.03 2.00 1.79
RCPL_TRUST___DRP 24196	37.06 1.29 0.00	35.31 1.33 0.00	33.97 1.12 0.00	34.07 1.15 0.00	34.34 1.10 0.00	34.96 1.12 0.00	36.37 1.30 0.00	38.14 1.78 0.00	38.68 1.84 0.00	42.80 2.15 0.00	45.28 2.36 0.00	44.71 2.37 0.00	43.71 2.32 0.00	41.93 2.34 0.00	41.77 2.40 0.00	43.49 2.46 0.00	46.70 2.77 0.00	51.66 3.20 0.00	55.01 3.55 0.00	59.50 4.34 -0.18	54.56 3.85 0.00	45.14 2.58 -4.60	40.81 2.45 0.00	34.97 1.87 -0.29
RED___ROCHESTER 323720	35.45 -0.32 0.00	33.51 -0.48 0.00	32.32 -0.53 0.00	32.13 -0.79 0.00	32.78 -0.47 0.00	33.44 -0.40 0.00	34.76 -0.32 0.00	35.70 -0.65 0.00	36.32 -0.52 0.00	39.88 -0.77 0.00	41.80 -1.12 0.00	41.23 -1.10 0.00	40.11 -1.28 0.00	38.33 -1.27 0.00	37.95 -1.42 0.00	39.64 -1.40 0.00	42.18 -1.76 0.00	46.33 -2.13 0.00	49.30 -2.16 0.00	52.75 -2.26 -0.02	48.78 -1.93 0.00	37.22 -1.29 -0.56	36.86 -1.50 0.00	31.70 -1.15 -0.04
REGAN___SOLAR 323812	38.13 2.36 0.00	36.16 2.18 0.00	35.02 2.17 0.00	35.09 2.17 0.00	35.44 2.19 0.00	36.22 2.37 0.00	37.42 2.35 0.00	38.90 2.54 0.00	39.20 2.36 0.00	43.09 2.44 0.00	45.32 2.40 0.00	44.70 2.37 0.00	43.75 2.36 0.00	41.89 2.30 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.75 2.81 0.00	51.80 3.34 0.00	55.58 4.12 0.00	59.67 4.45 -0.24	54.66 3.96 0.00	46.98 2.85 -6.18	41.27 2.91 0.00	35.40 2.20 -0.39
RENSSELAER___COGEN 23796	36.06 0.28 0.00	34.29 0.31 0.00	33.14 0.29 0.00	33.24 0.33 0.00	33.58 0.33 0.00	34.22 0.37 0.00	35.53 0.45 0.00	36.97 0.62 0.00	37.35 0.52 0.00	41.30 0.65 0.00	44.46 1.54 0.00	43.90 1.57 0.00	42.96 1.57 0.00	41.22 1.62 0.00	41.02 1.65 0.00	42.71 1.68 0.00	45.78 1.84 0.00	50.54 2.08 0.00	53.77 2.32 0.00	57.67 2.48 -0.21	53.04 2.33 0.00	45.21 1.67 -5.58	40.12 1.77 0.00	34.51 1.35 -0.35
REPUBLIC_115KV_BARTNBRK 55605	38.31 2.54 0.00	36.33 2.34 0.00	35.21 2.37 0.00	35.25 2.34 0.00	35.64 2.39 0.00	36.35 2.50 0.00	37.77 2.70 0.00	39.52 3.16 0.00	39.86 3.02 0.00	44.02 3.37 0.00	46.35 3.43 0.00	45.72 3.39 0.00	44.62 3.23 0.00	42.85 3.25 0.00	42.60 3.23 0.00	44.31 3.28 0.00	47.54 3.60 0.00	52.48 4.02 0.00	56.35 4.89 0.00	60.32 5.11 -0.22	55.27 4.56 0.00	46.87 3.15 -5.76	41.62 3.26 0.00	35.77 2.59 -0.36
REVERE_CPPR_DRP 24186	36.56 0.79 0.00	34.73 0.75 0.00	33.60 0.76 0.00	33.61 0.69 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.88 0.81 0.00	37.12 0.76 0.00	37.46 0.63 0.00	41.14 0.49 0.00	43.44 0.52 0.00	42.72 0.38 0.00	41.72 0.33 0.00	39.88 0.28 0.00	39.65 0.28 0.00	41.40 0.37 0.00	44.46 0.53 0.00	49.18 0.73 0.00	52.54 1.08 0.00	56.20 1.21 -0.01	51.46 0.76 0.00	38.80 0.61 -0.23	38.97 0.61 0.00	33.22 0.39 -0.01
REYNOLDS_115KV_TB3 80639	36.41 0.64 0.00	34.63 0.65 0.00	33.47 0.62 0.00	33.57 0.66 0.00	33.88 0.63 0.00	34.49 0.64 0.00	35.84 0.77 0.00	37.30 0.95 0.00	37.68 0.85 0.00	41.67 1.02 0.00	44.55 1.63 0.00	43.99 1.65 0.00	43.05 1.66 0.00	41.30 1.70 0.00	41.10 1.73 0.00	42.84 1.81 0.00	45.87 1.93 0.00	50.59 2.13 0.00	53.82 2.37 0.00	57.73 2.53 -0.21	53.09 2.38 0.00	45.29 1.75 -5.59	40.24 1.88 0.00	34.61 1.44 -0.35
RIVERBAY____ 323610	37.28 1.50 -0.01	35.52 1.53 -0.01	34.20 1.35 -0.01	34.27 1.35 -0.01	34.62 1.36 -0.01	35.07 1.22 0.00	36.44 1.37 0.00	38.24 1.89 0.01	38.74 1.92 0.01	42.84 2.20 0.01	45.27 2.36 0.01	44.70 2.37 0.01	43.70 2.32 0.01	41.89 2.30 0.01	41.76 2.40 0.01	43.48 2.46 0.01	46.65 2.72 0.01	51.61 3.15 0.00	54.90 3.45 0.00	59.39 4.23 -0.18	54.51 3.80 0.00	45.17 2.62 -4.60	40.90 2.53 -0.01	35.04 1.94 -0.30
RIVERSDE_115KV_TB3 55908	36.24 0.47 0.00	34.46 0.48 0.00	33.31 0.46 0.00	33.41 0.49 0.00	33.75 0.50 0.00	34.36 0.51 0.00	35.67 0.60 0.00	37.15 0.80 0.00	37.54 0.70 0.00	41.50 0.85 0.00	44.59 1.67 0.00	44.03 1.69 0.00	43.05 1.66 0.00	41.30 1.70 0.00	41.14 1.77 0.00	42.84 1.81 0.00	45.87 1.93 0.00	50.64 2.18 0.00	53.88 2.42 0.00	57.78 2.58 -0.21	53.14 2.43 0.00	45.31 1.75 -5.60	40.24 1.88 0.00	34.61 1.44 -0.35
ROARING___BROOK_WT_PWR 323790	35.66 -0.11 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.83 -0.24 0.00	36.06 -0.29 0.00	36.58 -0.26 0.00	40.37 -0.28 0.00	42.58 -0.34 0.00	41.95 -0.38 0.00	41.02 -0.37 0.00	39.28 -0.32 0.00	39.02 -0.36 0.00	40.62 -0.41 0.00	43.45 -0.48 0.00	47.78 -0.68 0.00	50.58 -0.88 0.00	54.05 -0.94 0.00	49.69 -1.01 0.00	37.16 -0.80 0.00	37.51 -0.84 0.00	32.09 -0.72 0.00

ROCHESRG_115KV_T4 355643	35.09 -0.68 0.00	33.10 -0.88 0.00	32.06 -0.79 0.00	31.86 -1.05 0.00	32.48 -0.76 0.00	33.17 -0.68 0.00	34.44 -0.63 0.00	35.37 -0.98 0.00	35.84 -0.99 0.00	39.47 -1.18 0.00	41.20 -1.72 0.00	40.68 -1.65 0.00	39.69 -1.70 0.00	37.94 -1.66 0.00	37.52 -1.85 0.00	39.23 -1.81 0.00	41.69 -2.24 0.00	45.79 -2.67 0.00	48.73 -2.73 0.00	51.98 -3.02 -0.02	48.17 -2.54 0.00	36.80 -1.71 -0.56	36.52 -1.84 0.00	31.47 -1.38 -0.03
ROCHESTER_9_IC 23652	35.27 -0.50 0.00	33.27 -0.71 0.00	32.19 -0.66 0.00	31.99 -0.92 0.00	32.65 -0.60 0.00	33.34 -0.51 0.00	34.62 -0.46 0.00	35.55 -0.80 0.00	36.03 -0.81 0.00	39.67 -0.98 0.00	41.46 -1.46 0.00	40.94 -1.40 0.00	39.90 -1.49 0.00	38.13 -1.47 0.00	37.72 -1.65 0.00	39.43 -1.60 0.00	41.91 -2.02 0.00	46.08 -2.37 0.00	49.04 -2.42 0.00	52.31 -2.69 -0.02	48.47 -2.23 0.00	37.03 -1.48 -0.56	36.71 -1.65 0.00	31.60 -1.25 -0.04
ROCKVIEW_13_KV_LD 356306	36.99 1.22 0.00	35.20 1.22 0.00	33.90 1.05 0.00	34.03 1.12 0.00	34.28 1.03 0.00	34.90 1.05 0.00	36.30 1.23 0.00	38.06 1.71 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.11 2.19 0.00	44.54 2.20 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.75 3.29 0.00	59.12 3.96 -0.18	54.30 3.60 0.00	45.03 2.47 -4.60	40.73 2.38 0.00	34.87 1.77 -0.29
ROME____115KV_TB2 80656	36.56 0.79 0.00	34.73 0.75 0.00	33.60 0.76 0.00	33.61 0.69 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.88 0.81 0.00	37.12 0.76 0.00	37.46 0.63 0.00	41.14 0.49 0.00	43.44 0.52 0.00	42.72 0.38 0.00	41.72 0.33 0.00	39.88 0.28 0.00	39.65 0.28 0.00	41.40 0.37 0.00	44.46 0.53 0.00	49.18 0.73 0.00	52.54 1.08 0.00	56.20 1.21 -0.01	51.46 0.76 0.00	38.80 0.61 -0.23	38.97 0.61 0.00	33.22 0.39 -0.01
ROSETON____1 23587	36.63 0.86 0.00	34.86 0.88 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.04 0.80 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.59 1.24 0.00	38.02 1.18 0.00	42.07 1.42 0.00	44.46 1.54 0.00	43.90 1.57 0.00	42.96 1.57 0.00	41.18 1.59 0.00	41.02 1.65 0.00	42.75 1.72 0.00	45.87 1.93 0.00	50.69 2.23 0.00	53.98 2.52 0.00	58.02 2.86 -0.17	53.44 2.74 0.00	44.39 1.86 -4.57	40.20 1.84 0.00	34.48 1.38 -0.29
ROSETON____2 23588	36.63 0.86 0.00	34.86 0.88 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.04 0.80 0.00	34.63 0.78 0.00	35.98 0.91 0.00	37.59 1.24 0.00	38.02 1.18 0.00	42.07 1.42 0.00	44.46 1.54 0.00	43.90 1.57 0.00	42.96 1.57 0.00	41.18 1.59 0.00	41.02 1.65 0.00	42.75 1.72 0.00	45.87 1.93 0.00	50.69 2.23 0.00	53.98 2.52 0.00	58.02 2.86 -0.17	53.44 2.74 0.00	44.39 1.86 -4.57	40.20 1.84 0.00	34.48 1.38 -0.29
ROTRDAM_115KV_TB3 80664	36.63 0.86 0.00	34.83 0.85 0.00	33.67 0.82 0.00	33.77 0.86 0.00	34.11 0.86 0.00	34.73 0.88 0.00	35.98 0.91 0.00	37.41 1.05 0.00	37.83 0.99 0.00	41.75 1.10 0.00	44.08 1.16 0.00	43.52 1.19 0.00	42.55 1.16 0.00	40.79 1.19 0.00	40.59 1.22 0.00	42.26 1.23 0.00	45.30 1.36 0.00	50.06 1.60 0.00	53.31 1.85 0.00	57.19 1.98 -0.22	52.53 1.83 0.00	45.11 1.33 -5.83	39.70 1.34 0.00	34.23 1.05 -0.37
RUSSELL____1 23602	35.45 -0.32 0.00	33.40 -0.58 0.00	32.32 -0.53 0.00	32.13 -0.79 0.00	32.78 -0.47 0.00	33.47 -0.37 0.00	34.76 -0.32 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.88 -0.77 0.00	41.63 -1.29 0.00	41.15 -1.19 0.00	40.11 -1.28 0.00	38.33 -1.27 0.00	37.91 -1.46 0.00	39.64 -1.40 0.00	42.13 -1.80 0.00	46.33 -2.13 0.00	49.30 -2.16 0.00	52.59 -2.42 -0.02	48.78 -1.93 0.00	37.19 -1.33 -0.56	36.86 -1.50 0.00	31.70 -1.15 -0.04
RUSSELL____2 23532	35.45 -0.32 0.00	33.40 -0.58 0.00	32.32 -0.53 0.00	32.13 -0.79 0.00	32.78 -0.47 0.00	33.47 -0.37 0.00	34.76 -0.32 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.88 -0.77 0.00	41.63 -1.29 0.00	41.15 -1.19 0.00	40.11 -1.28 0.00	38.33 -1.27 0.00	37.91 -1.46 0.00	39.64 -1.40 0.00	42.13 -1.80 0.00	46.33 -2.13 0.00	49.30 -2.16 0.00	52.59 -2.42 -0.02	48.78 -1.93 0.00	37.19 -1.33 -0.56	36.86 -1.50 0.00	31.70 -1.15 -0.04
RUSSELL____3 23549	35.45 -0.32 0.00	33.40 -0.58 0.00	32.32 -0.53 0.00	32.13 -0.79 0.00	32.78 -0.47 0.00	33.47 -0.37 0.00	34.76 -0.32 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.88 -0.77 0.00	41.63 -1.29 0.00	41.15 -1.19 0.00	40.11 -1.28 0.00	38.33 -1.27 0.00	37.91 -1.46 0.00	39.64 -1.40 0.00	42.13 -1.80 0.00	46.33 -2.13 0.00	49.30 -2.16 0.00	52.59 -2.42 -0.02	48.78 -1.93 0.00	37.19 -1.33 -0.56	36.86 -1.50 0.00	31.70 -1.15 -0.04
RUSSELL____4 23556	35.45 -0.32 0.00	33.40 -0.58 0.00	32.32 -0.53 0.00	32.13 -0.79 0.00	32.78 -0.47 0.00	33.47 -0.37 0.00	34.76 -0.32 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.88 -0.77 0.00	41.63 -1.29 0.00	41.15 -1.19 0.00	40.11 -1.28 0.00	38.33 -1.27 0.00	37.91 -1.46 0.00	39.64 -1.40 0.00	42.13 -1.80 0.00	46.33 -2.13 0.00	49.30 -2.16 0.00	52.59 -2.42 -0.02	48.78 -1.93 0.00	37.19 -1.33 -0.56	36.86 -1.50 0.00	31.70 -1.15 -0.04
RUSSELL____STATION 23914	35.45 -0.32 0.00	33.40 -0.58 0.00	32.32 -0.53 0.00	32.13 -0.79 0.00	32.78 -0.47 0.00	33.47 -0.37 0.00	34.76 -0.32 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.88 -0.77 0.00	41.63 -1.29 0.00	41.15 -1.19 0.00	40.11 -1.28 0.00	38.33 -1.27 0.00	37.91 -1.46 0.00	39.64 -1.40 0.00	42.13 -1.80 0.00	46.33 -2.13 0.00	49.30 -2.16 0.00	52.59 -2.42 -0.02	48.78 -1.93 0.00	37.19 -1.33 -0.56	36.86 -1.50 0.00	31.70 -1.15 -0.04
S SALMON____HYD 24043	35.20 -0.57 0.00	33.40 -0.58 0.00	32.26 -0.59 0.00	32.29 -0.63 0.00	32.65 -0.60 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.63 -0.73 0.00	35.99 -0.85 0.00	39.59 -1.06 0.00	41.67 -1.25 0.00	41.02 -1.31 0.00	40.07 -1.33 0.00	38.21 -1.39 0.00	37.95 -1.42 0.00	39.64 -1.40 0.00	42.49 -1.45 0.00	47.01 -1.45 0.00	50.17 -1.28 0.00	53.73 -1.26 -0.01	49.34 -1.37 0.00	37.33 -0.95 -0.33	37.36 -1.00 0.00	32.01 -0.82 -0.02
S.PERRY__115KV_TB1 80734	36.38 0.61 0.00	34.29 0.31 0.00	33.14 0.30 0.00	32.88 -0.03 0.00	33.58 0.33 0.00	34.25 0.41 0.00	35.60 0.53 0.00	36.43 0.07 0.00	36.76 -0.07 0.00	40.28 -0.37 0.00	41.68 -1.24 0.00	40.85 -1.48 0.00	39.69 -1.70 0.00	37.78 -1.82 0.00	37.48 -1.89 0.00	39.27 -1.76 0.00	41.91 -2.02 0.00	46.37 -2.08 0.00	49.76 -1.70 0.00	53.25 -1.76 -0.03	49.49 -1.22 0.00	37.62 -1.14 -0.80	37.05 -1.30 0.00	31.62 -1.25 -0.05
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.77 -1.00 0.00	32.76 -1.22 0.00	31.76 -1.08 0.00	31.37 -1.55 0.00	32.12 -1.13 0.00	32.80 -1.05 0.00	34.23 -0.84 0.00	34.97 -1.38 0.00	35.40 -1.44 0.00	38.94 -1.71 0.00	40.30 -2.62 0.00	39.79 -2.54 0.00	38.74 -2.65 0.00	37.02 -2.57 0.00	36.54 -2.83 0.00	38.20 -2.83 0.00	40.29 -3.65 0.00	44.05 -4.41 0.00	47.08 -4.37 0.00	49.35 -5.66 -0.03	46.39 -4.31 0.00	35.22 -3.45 -0.72	35.33 -3.03 0.00	30.17 -2.69 -0.04

SAWYER___23_KV_LOAD 55526	34.77 -1.00 0.00	32.76 -1.22 0.00	31.76 -1.08 0.00	31.37 -1.55 0.00	32.12 -1.13 0.00	32.80 -1.05 0.00	34.23 -0.84 0.00	34.97 -1.38 0.00	35.40 -1.44 0.00	38.94 -1.71 0.00	40.30 -2.62 0.00	39.79 -2.54 0.00	38.74 -2.65 0.00	37.02 -2.57 0.00	36.54 -2.83 0.00	38.20 -2.83 0.00	40.29 -3.65 0.00	44.05 -4.41 0.00	47.08 -4.37 0.00	49.35 -5.66 -0.03	46.39 -4.31 0.00	35.22 -3.45 -0.72	35.33 -3.03 0.00	30.17 -2.69 -0.04
SELKIRK___I 23801	36.42 0.64 0.00	34.59 0.61 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.91 0.66 0.00	34.56 0.71 0.00	35.84 0.77 0.00	37.26 0.91 0.00	37.61 0.77 0.00	41.54 0.89 0.00	44.33 1.41 0.00	43.78 1.44 0.00	42.80 1.41 0.00	41.02 1.42 0.00	40.83 1.46 0.00	42.55 1.52 0.00	45.60 1.67 0.00	50.30 1.84 0.00	53.57 2.11 0.00	57.45 2.26 -0.21	52.83 2.13 0.00	44.94 1.48 -5.51	40.00 1.65 0.00	34.37 1.21 -0.35
SELKIRK___II 23799	36.20 0.43 0.00	34.42 0.44 0.00	33.27 0.43 0.00	33.38 0.46 0.00	33.71 0.47 0.00	34.36 0.51 0.00	35.63 0.56 0.00	37.04 0.69 0.00	37.42 0.59 0.00	41.38 0.73 0.00	44.25 1.33 0.00	43.69 1.35 0.00	42.72 1.32 0.00	40.95 1.35 0.00	40.75 1.38 0.00	42.47 1.44 0.00	45.51 1.58 0.00	50.25 1.79 0.00	53.46 2.00 0.00	57.34 2.14 -0.21	52.73 2.03 0.00	44.96 1.44 -5.56	39.89 1.54 0.00	34.31 1.15 -0.35
SENECA OSWGO___HYD 24041	35.24 -0.54 0.00	33.40 -0.58 0.00	32.29 -0.56 0.00	32.29 -0.63 0.00	32.68 -0.57 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.66 -0.69 0.00	36.10 -0.74 0.00	39.84 -0.81 0.00	41.93 -0.99 0.00	41.36 -0.97 0.00	40.40 -0.99 0.00	38.49 -1.11 0.00	38.27 -1.10 0.00	39.92 -1.11 0.00	42.71 -1.23 0.00	47.10 -1.36 0.00	50.12 -1.34 0.00	53.52 -1.48 -0.01	49.34 -1.37 0.00	37.41 -0.91 -0.36	37.44 -0.92 0.00	32.14 -0.69 -0.02
SENECA___115KV_TB3 355854	35.20 -0.57 0.00	33.20 -0.78 0.00	32.19 -0.66 0.00	31.76 -1.15 0.00	32.51 -0.73 0.00	33.20 -0.64 0.00	34.69 -0.39 0.00	35.45 -0.91 0.00	35.92 -0.92 0.00	39.47 -1.18 0.00	40.86 -2.06 0.00	40.30 -2.03 0.00	39.20 -2.19 0.00	37.50 -2.10 0.00	36.97 -2.40 0.00	38.65 -2.38 0.00	40.77 -3.16 0.00	44.63 -3.83 0.00	47.70 -3.76 0.00	49.73 -5.28 -0.03	47.00 -3.70 0.00	35.25 -3.45 -0.75	35.71 -2.65 0.00	30.17 -2.69 -0.05
SENECA___ENERGY 23797	35.59 -0.18 0.00	33.75 -0.24 0.00	32.55 -0.30 0.00	32.52 -0.39 0.00	32.98 -0.27 0.00	33.61 -0.24 0.00	34.93 -0.14 0.00	35.99 -0.36 0.00	36.50 -0.33 0.00	40.20 -0.45 0.00	42.15 -0.77 0.00	41.49 -0.85 0.00	40.48 -0.91 0.00	38.57 -1.03 0.00	38.27 -1.10 0.00	40.01 -1.02 0.00	42.79 -1.14 0.00	47.25 -1.21 0.00	50.37 -1.08 0.00	53.52 -1.48 -0.02	49.54 -1.16 0.00	37.64 -0.91 -0.59	37.44 -0.92 0.00	32.03 -0.82 -0.04
SHOEMAKER___GT 23640	36.45 0.68 0.00	34.70 0.71 0.00	33.47 0.62 0.00	33.57 0.66 0.00	33.88 0.63 0.00	34.49 0.64 0.00	35.81 0.74 0.00	37.34 0.98 0.00	37.79 0.96 0.00	41.75 1.10 0.00	44.08 1.16 0.00	43.52 1.18 0.00	42.55 1.16 0.00	40.79 1.19 0.00	40.59 1.22 0.00	42.34 1.31 0.00	45.43 1.49 0.00	50.20 1.74 0.00	53.52 2.06 0.00	57.45 2.31 -0.16	52.99 2.28 0.00	43.64 1.52 -4.16	39.85 1.49 0.00	34.19 1.12 -0.26
SHOEMAKR_138KV_BK 111 55601	36.45 0.68 0.00	34.70 0.71 0.00	33.47 0.62 0.00	33.57 0.66 0.00	33.88 0.63 0.00	34.46 0.61 0.00	35.77 0.70 0.00	37.34 0.98 0.00	37.79 0.96 0.00	41.75 1.10 0.00	44.12 1.20 0.00	43.52 1.19 0.00	42.55 1.16 0.00	40.79 1.19 0.00	40.63 1.26 0.00	42.34 1.31 0.00	45.47 1.54 0.00	50.25 1.79 0.00	53.52 2.06 0.00	57.56 2.42 -0.16	52.99 2.28 0.00	43.61 1.52 -4.13	39.85 1.50 0.00	34.19 1.12 -0.26
SHOREHAM_IC_1 23715	36.63 0.86 0.00	35.38 1.39 0.00	33.70 0.85 0.00	33.64 0.72 0.00	33.71 0.47 0.00	33.51 -0.34 0.00	35.00 -0.07 0.00	36.86 0.51 0.00	36.69 -0.15 0.00	41.42 0.77 0.00	43.69 0.77 0.00	43.26 0.93 0.00	42.22 0.83 0.00	40.75 1.15 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.04 2.11 0.00	50.88 2.42 0.00	53.10 1.65 0.00	57.41 2.26 -0.18	53.14 2.43 0.00	44.31 1.75 -4.60	40.62 2.26 0.00	35.10 2.00 -0.29
SHOREHAM_IC_2 23716	36.63 0.86 0.00	35.38 1.39 0.00	33.70 0.85 0.00	33.64 0.72 0.00	33.71 0.47 0.00	33.51 -0.34 0.00	35.00 -0.07 0.00	36.86 0.51 0.00	36.69 -0.15 0.00	41.42 0.77 0.00	43.69 0.77 0.00	43.26 0.93 0.00	42.22 0.83 0.00	40.75 1.15 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.04 2.11 0.00	50.88 2.42 0.00	53.10 1.65 0.00	57.41 2.26 -0.18	53.14 2.43 0.00	44.31 1.75 -4.60	40.62 2.26 0.00	35.10 2.00 -0.29
SISSONVILLE____ 23735	35.02 -0.75 0.00	33.30 -0.68 0.00	32.19 -0.66 0.00	32.29 -0.63 0.00	32.55 -0.70 0.00	33.10 -0.74 0.00	34.09 -0.98 0.00	35.34 -1.02 0.00	35.99 -0.85 0.00	39.63 -1.02 0.00	41.72 -1.20 0.00	41.11 -1.23 0.00	40.23 -1.16 0.00	38.61 -0.99 0.00	38.27 -1.10 0.00	39.80 -1.23 0.00	42.71 -1.23 0.00	47.00 -1.45 0.00	49.71 -1.75 0.00	53.33 -1.65 0.00	48.88 -1.83 0.00	36.55 -1.40 0.00	36.82 -1.53 0.00	31.53 -1.28 0.00
SITHE_IND_GS1 24169	34.95 -0.82 0.00	33.17 -0.82 0.00	32.06 -0.79 0.00	32.09 -0.82 0.00	32.45 -0.80 0.00	33.07 -0.78 0.00	34.30 -0.77 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.54 -1.38 0.00	40.98 -1.36 0.00	40.03 -1.36 0.00	38.17 -1.42 0.00	37.91 -1.46 0.00	39.56 -1.48 0.00	42.31 -1.62 0.00	46.67 -1.79 0.00	49.61 -1.85 0.00	52.96 -2.03 -0.01	48.88 -1.82 0.00	36.98 -1.25 -0.28	37.13 -1.23 0.00	31.94 -0.88 -0.02
SITHE_IND_GS2 24170	34.95 -0.82 0.00	33.17 -0.82 0.00	32.06 -0.79 0.00	32.09 -0.82 0.00	32.45 -0.80 0.00	33.07 -0.78 0.00	34.30 -0.77 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.54 -1.38 0.00	40.98 -1.36 0.00	40.03 -1.36 0.00	38.17 -1.42 0.00	37.91 -1.46 0.00	39.56 -1.48 0.00	42.31 -1.62 0.00	46.67 -1.79 0.00	49.61 -1.85 0.00	52.96 -2.03 -0.01	48.88 -1.82 0.00	36.98 -1.25 -0.28	37.13 -1.23 0.00	31.94 -0.88 -0.02
SITHE_IND_GS3 24171	34.95 -0.82 0.00	33.17 -0.82 0.00	32.06 -0.79 0.00	32.09 -0.82 0.00	32.45 -0.80 0.00	33.07 -0.78 0.00	34.30 -0.77 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.54 -1.38 0.00	40.98 -1.36 0.00	40.03 -1.36 0.00	38.17 -1.42 0.00	37.91 -1.46 0.00	39.56 -1.48 0.00	42.31 -1.62 0.00	46.67 -1.79 0.00	49.61 -1.85 0.00	52.96 -2.03 -0.01	48.88 -1.82 0.00	36.98 -1.25 -0.28	37.13 -1.23 0.00	31.94 -0.88 -0.02
SITHE_IND_GS4 24172	34.95 -0.82 0.00	33.17 -0.82 0.00	32.06 -0.79 0.00	32.09 -0.82 0.00	32.45 -0.80 0.00	33.07 -0.78 0.00	34.30 -0.77 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.54 -1.38 0.00	40.98 -1.36 0.00	40.03 -1.36 0.00	38.17 -1.42 0.00	37.91 -1.46 0.00	39.56 -1.48 0.00	42.31 -1.62 0.00	46.67 -1.79 0.00	49.61 -1.85 0.00	52.96 -2.03 -0.01	48.88 -1.82 0.00	36.98 -1.25 -0.28	37.13 -1.23 0.00	31.94 -0.88 -0.02

SITHE___BATAVIA 24024	35.59 -0.18 0.00	33.61 -0.37 0.00	32.46 -0.39 0.00	32.06 -0.86 0.00	32.91 -0.33 0.00	33.58 -0.27 0.00	34.93 -0.14 0.00	35.74 -0.62 0.00	36.40 -0.44 0.00	39.76 -0.89 0.00	41.46 -1.46 0.00	40.85 -1.48 0.00	39.57 -1.82 0.00	37.86 -1.74 0.00	37.40 -1.97 0.00	39.14 -1.89 0.00	41.52 -2.42 0.00	45.60 -2.86 0.00	48.63 -2.83 0.00	51.82 -3.19 -0.02	48.27 -2.43 0.00	36.70 -1.90 -0.64	36.48 -1.88 0.00	31.14 -1.71 -0.04
SITHE___INDEPEND 23800	34.95 -0.82 0.00	33.17 -0.82 0.00	32.06 -0.79 0.00	32.09 -0.82 0.00	32.45 -0.80 0.00	33.07 -0.78 0.00	34.30 -0.77 0.00	35.41 -0.95 0.00	35.77 -1.07 0.00	39.43 -1.22 0.00	41.55 -1.37 0.00	40.98 -1.35 0.00	40.03 -1.37 0.00	38.17 -1.43 0.00	37.91 -1.46 0.00	39.55 -1.48 0.00	42.31 -1.63 0.00	46.67 -1.79 0.00	49.60 -1.85 0.00	52.96 -2.03 -0.01	48.88 -1.83 0.00	36.98 -1.25 -0.28	37.13 -1.23 0.00	31.94 -0.89 -0.02
SITHE___MASSENA 23902	35.91 0.14 0.00	34.19 0.21 0.00	33.01 0.17 0.00	33.11 0.20 0.00	33.35 0.10 0.00	33.95 0.10 0.00	35.00 -0.07 0.00	36.28 -0.07 0.00	36.98 0.15 0.00	40.77 0.12 0.00	42.96 0.04 0.00	42.33 0.00 0.00	41.43 0.04 0.00	39.76 0.16 0.00	39.45 0.08 0.00	41.03 0.00 0.00	43.94 0.00 0.00	48.31 -0.14 0.00	51.04 -0.41 0.00	54.66 -0.33 0.00	50.25 -0.46 0.00	37.58 -0.38 0.00	37.90 -0.46 0.00	32.48 -0.33 0.00
SITHE___OGDNSBRG 24021	36.02 0.25 0.00	34.25 0.27 0.00	33.11 0.26 0.00	33.21 0.30 0.00	33.45 0.20 0.00	34.02 0.17 0.00	35.04 -0.04 0.00	36.28 -0.07 0.00	36.91 0.07 0.00	40.61 -0.04 0.00	42.75 -0.17 0.00	42.12 -0.21 0.00	41.18 -0.21 0.00	39.52 -0.08 0.00	39.21 -0.16 0.00	40.78 -0.25 0.00	43.80 -0.13 0.00	48.26 -0.19 0.00	51.15 -0.31 0.00	54.93 -0.05 0.00	50.30 -0.41 0.00	37.61 -0.34 0.00	37.90 -0.46 0.00	32.45 -0.36 0.00
SITHE___STERLING 23777	36.42 0.64 0.00	34.59 0.61 0.00	33.44 0.59 0.00	33.47 0.56 0.00	33.85 0.60 0.00	34.46 0.61 0.00	35.74 0.66 0.00	36.97 0.62 0.00	37.35 0.52 0.00	41.10 0.45 0.00	43.39 0.47 0.00	42.67 0.34 0.00	41.68 0.29 0.00	39.80 0.20 0.00	39.61 0.24 0.00	41.32 0.29 0.00	44.33 0.39 0.00	49.04 0.58 0.00	52.33 0.87 0.00	55.93 0.93 -0.01	51.36 0.66 0.00	38.72 0.49 -0.27	38.85 0.50 0.00	33.16 0.33 -0.02
SLEIGHT__34_KV_TB1 80719	35.27 -0.50 0.00	33.30 -0.68 0.00	32.22 -0.62 0.00	32.09 -0.82 0.00	32.68 -0.57 0.00	33.31 -0.54 0.00	34.58 -0.49 0.00	35.63 -0.73 0.00	36.14 -0.70 0.00	39.88 -0.77 0.00	41.76 -1.16 0.00	41.19 -1.14 0.00	40.19 -1.20 0.00	38.33 -1.27 0.00	37.99 -1.38 0.00	39.68 -1.35 0.00	42.31 -1.63 0.00	46.62 -1.84 0.00	49.60 -1.85 0.00	52.86 -2.14 -0.02	48.88 -1.83 0.00	37.25 -1.25 -0.55	36.98 -1.38 0.00	31.76 -1.08 -0.03
SOUTH CAIRO___GT 23612	37.27 1.50 0.00	35.48 1.50 0.00	34.23 1.38 0.00	34.30 1.38 0.00	34.68 1.43 0.00	35.40 1.56 0.00	36.72 1.65 0.00	38.14 1.78 0.00	38.53 1.69 0.00	42.44 1.79 0.00	45.45 2.53 0.00	44.75 2.41 0.00	43.71 2.32 0.00	41.86 2.26 0.00	41.69 2.32 0.00	43.45 2.42 0.00	46.70 2.77 0.00	51.75 3.30 0.00	55.42 3.96 0.00	59.42 4.23 -0.20	54.71 4.01 0.00	45.57 2.28 -5.33	41.35 2.99 0.00	34.85 1.71 -0.33
SOUTH HAMPTN___IC 23720	36.84 1.07 0.00	35.51 1.53 0.00	33.83 0.98 0.00	33.74 0.82 0.00	33.88 0.63 0.00	33.75 -0.10 0.00	35.25 0.18 0.00	37.15 0.80 0.00	36.95 0.11 0.00	41.75 1.10 0.00	43.99 1.07 0.00	43.56 1.23 0.00	42.51 1.12 0.00	41.02 1.42 0.00	41.81 2.44 0.00	43.16 2.13 0.00	46.26 2.33 0.00	51.07 2.61 0.00	53.46 2.00 0.00	57.85 2.69 -0.18	53.59 2.89 0.00	44.61 2.05 -4.60	40.81 2.46 0.00	35.27 2.17 -0.29
SOUTHDOW_115KV_TB1 355954	36.27 0.50 0.00	34.29 0.31 0.00	33.18 0.33 0.00	32.62 -0.30 0.00	33.28 0.03 0.00	33.91 0.07 0.00	35.42 0.35 0.00	36.35 0.00 0.00	36.87 0.04 0.00	40.49 -0.16 0.00	41.85 -1.07 0.00	41.23 -1.10 0.00	39.94 -1.45 0.00	38.13 -1.47 0.00	37.40 -1.97 0.00	39.10 -1.93 0.00	41.39 -2.55 0.00	45.50 -2.96 0.00	48.63 -2.83 0.00	50.34 -4.67 -0.03	47.81 -2.89 0.00	35.37 -3.42 -0.83	36.09 -2.26 0.00	30.01 -2.85 -0.05
SOUTHOLD_69_KV_BK 2 55809	36.88 1.11 0.00	35.92 1.94 0.00	33.83 0.99 0.00	33.77 0.86 0.00	34.08 0.83 0.00	34.22 0.37 0.00	35.35 0.28 0.00	37.26 0.91 0.00	37.09 0.26 0.00	41.67 1.02 0.00	44.21 1.29 0.00	43.69 1.35 0.00	42.59 1.20 0.00	41.10 1.50 0.00	41.85 2.48 0.00	43.21 2.17 0.00	46.35 2.42 0.00	51.07 2.62 0.00	53.72 2.26 0.00	58.68 3.52 -0.18	54.05 3.35 0.00	45.33 2.77 -4.60	40.96 2.61 0.00	35.33 2.23 -0.29
SOUTHOLD___IC 23719	36.88 1.11 0.00	35.51 1.53 0.00	33.83 0.98 0.00	33.77 0.85 0.00	33.88 0.63 0.00	33.81 -0.03 0.00	35.35 0.28 0.00	37.26 0.91 0.00	37.06 0.22 0.00	41.83 1.18 0.00	43.99 1.07 0.00	43.56 1.23 0.00	42.47 1.07 0.00	40.95 1.35 0.00	41.73 2.36 0.00	43.08 2.05 0.00	46.17 2.24 0.00	50.98 2.52 0.00	53.57 2.11 0.00	58.07 2.91 -0.18	53.85 3.14 0.00	44.72 2.16 -4.60	40.89 2.53 0.00	35.36 2.26 -0.29
SOUTH_FORK_WT_PWR 323839	36.56 0.79 0.00	35.20 1.22 0.00	33.57 0.72 0.00	33.51 0.59 0.00	33.61 0.37 0.00	33.54 -0.31 0.00	35.04 -0.04 0.00	36.97 0.62 0.00	36.76 -0.07 0.00	41.50 0.85 0.00	43.52 0.60 0.00	43.05 0.72 0.00	42.01 0.62 0.00	40.51 0.91 0.00	41.26 1.89 0.00	42.63 1.60 0.00	45.65 1.71 0.00	50.45 1.99 0.00	53.00 1.54 0.00	57.58 2.42 -0.18	53.44 2.74 0.00	44.46 1.90 -4.60	40.58 2.22 0.00	35.14 2.04 -0.29
SPIERFLS_115KV_TB 1 80737	37.49 1.72 0.00	35.58 1.60 0.00	34.43 1.58 0.00	34.50 1.58 0.00	34.88 1.63 0.00	35.51 1.66 0.00	36.86 1.79 0.00	38.46 2.11 0.00	38.86 2.03 0.00	42.97 2.32 0.00	45.37 2.45 0.00	44.75 2.41 0.00	43.71 2.32 0.00	41.93 2.34 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.53 2.59 0.00	51.37 2.91 0.00	54.85 3.40 0.00	58.72 3.52 -0.22	53.90 3.19 0.00	45.97 2.24 -5.77	40.70 2.34 0.00	34.98 1.80 -0.36
ST LAWRENCE____ 23600	35.63 -0.14 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.79 -0.28 0.00	36.06 -0.29 0.00	36.69 -0.15 0.00	40.49 -0.16 0.00	42.71 -0.21 0.00	42.12 -0.21 0.00	41.19 -0.21 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.83 -0.20 0.00	43.67 -0.26 0.00	48.07 -0.39 0.00	50.79 -0.67 0.00	54.38 -0.60 0.00	49.99 -0.71 0.00	37.39 -0.57 0.00	37.74 -0.62 0.00	32.35 -0.46 0.00
STATE_CA_115KV_115_LB 55624	36.20 0.43 0.00	34.42 0.44 0.00	33.28 0.43 0.00	33.38 0.46 0.00	33.68 0.43 0.00	34.32 0.47 0.00	35.67 0.60 0.00	37.15 0.80 0.00	37.50 0.66 0.00	41.50 0.85 0.00	44.72 1.80 0.00	44.11 1.78 0.00	43.17 1.78 0.00	41.42 1.82 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.74 2.28 0.00	53.98 2.52 0.00	57.89 2.69 -0.21	53.24 2.54 0.00	45.42 1.82 -5.64	40.27 1.92 0.00	34.64 1.48 -0.35

STATE_ST_34_KV_LOAD 55959	35.84 0.07 0.00	33.98 0.00 0.00	32.82 -0.03 0.00	32.78 -0.13 0.00	33.21 -0.03 0.00	33.85 0.00 0.00	35.18 0.11 0.00	36.32 -0.04 0.00	36.80 -0.04 0.00	40.65 0.00 0.00	42.66 -0.26 0.00	42.08 -0.25 0.00	41.06 -0.33 0.00	39.16 -0.44 0.00	38.86 -0.51 0.00	40.62 -0.41 0.00	43.45 -0.48 0.00	47.97 -0.48 0.00	51.10 -0.36 0.00	54.40 -0.60 -0.02	50.25 -0.46 0.00	38.20 -0.34 -0.58	37.97 -0.38 0.00	32.52 -0.33 -0.04
STATION 5_MISC_HYD 23604	35.30 -0.47 0.00	33.37 -0.61 0.00	32.19 -0.66 0.00	31.99 -0.92 0.00	32.65 -0.60 0.00	33.30 -0.54 0.00	34.62 -0.46 0.00	35.55 -0.80 0.00	36.14 -0.70 0.00	39.72 -0.93 0.00	41.59 -1.33 0.00	40.98 -1.36 0.00	39.90 -1.49 0.00	38.13 -1.46 0.00	37.75 -1.62 0.00	39.43 -1.60 0.00	41.96 -1.98 0.00	46.08 -2.37 0.00	49.04 -2.42 0.00	52.48 -2.53 -0.02	48.47 -2.23 0.00	37.07 -1.44 -0.56	36.71 -1.65 0.00	31.57 -1.28 -0.04
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.66 -0.11 0.00	33.68 -0.31 0.00	32.55 -0.30 0.00	32.42 -0.49 0.00	33.01 -0.23 0.00	33.68 -0.17 0.00	34.97 -0.11 0.00	35.99 -0.36 0.00	36.51 -0.33 0.00	40.24 -0.41 0.00	42.06 -0.86 0.00	41.53 -0.80 0.00	40.48 -0.91 0.00	38.65 -0.95 0.00	38.27 -1.10 0.00	40.00 -1.03 0.00	42.66 -1.27 0.00	47.00 -1.45 0.00	49.96 -1.49 0.00	53.25 -1.76 -0.02	49.33 -1.37 0.00	37.53 -0.99 -0.56	37.24 -1.11 0.00	31.93 -0.92 -0.04
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.13 -0.64 0.00	33.13 -0.85 0.00	32.06 -0.79 0.00	31.86 -1.05 0.00	32.51 -0.73 0.00	33.17 -0.68 0.00	34.44 -0.63 0.00	35.37 -0.98 0.00	35.88 -0.96 0.00	39.55 -1.10 0.00	41.29 -1.63 0.00	40.81 -1.52 0.00	39.82 -1.57 0.00	38.01 -1.58 0.00	37.64 -1.73 0.00	39.31 -1.72 0.00	41.83 -2.11 0.00	45.99 -2.47 0.00	48.88 -2.57 0.00	52.20 -2.80 -0.02	48.37 -2.33 0.00	36.92 -1.59 -0.55	36.59 -1.76 0.00	31.47 -1.38 -0.03
STA_56___34_KV_BUS2 355983	35.13 -0.64 0.00	33.13 -0.85 0.00	32.06 -0.79 0.00	31.86 -1.05 0.00	32.51 -0.73 0.00	33.17 -0.68 0.00	34.44 -0.63 0.00	35.37 -0.98 0.00	35.88 -0.96 0.00	39.55 -1.10 0.00	41.29 -1.63 0.00	40.81 -1.52 0.00	39.82 -1.57 0.00	38.01 -1.58 0.00	37.64 -1.73 0.00	39.31 -1.72 0.00	41.83 -2.11 0.00	45.99 -2.47 0.00	48.88 -2.57 0.00	52.20 -2.80 -0.02	48.37 -2.33 0.00	36.92 -1.59 -0.55	36.59 -1.76 0.00	31.47 -1.38 -0.03
STA_67___115KV_BK2 355882	35.20 -0.57 0.00	33.20 -0.78 0.00	32.16 -0.69 0.00	31.93 -0.99 0.00	32.58 -0.66 0.00	33.27 -0.58 0.00	34.55 -0.53 0.00	35.48 -0.87 0.00	35.95 -0.88 0.00	39.59 -1.06 0.00	41.33 -1.59 0.00	40.85 -1.48 0.00	39.82 -1.57 0.00	38.05 -1.54 0.00	37.64 -1.73 0.00	39.35 -1.68 0.00	41.83 -2.11 0.00	45.94 -2.52 0.00	48.94 -2.52 0.00	52.20 -2.80 -0.02	48.37 -2.33 0.00	36.96 -1.56 -0.56	36.63 -1.73 0.00	31.53 -1.31 -0.04
STA_7___115KV_9TRANS 80674	35.45 -0.32 0.00	33.40 -0.58 0.00	32.32 -0.53 0.00	32.13 -0.79 0.00	32.78 -0.47 0.00	33.47 -0.37 0.00	34.76 -0.32 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.88 -0.77 0.00	41.63 -1.29 0.00	41.15 -1.19 0.00	40.11 -1.28 0.00	38.33 -1.27 0.00	37.91 -1.46 0.00	39.64 -1.40 0.00	42.13 -1.80 0.00	46.33 -2.13 0.00	49.30 -2.16 0.00	52.59 -2.42 -0.02	48.78 -1.93 0.00	37.19 -1.33 -0.56	36.86 -1.50 0.00	31.70 -1.15 -0.04
STA_82___115KV_TB1 80780	35.23 -0.54 0.00	33.20 -0.78 0.00	32.16 -0.69 0.00	31.96 -0.95 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.58 -0.49 0.00	35.48 -0.87 0.00	35.95 -0.88 0.00	39.63 -1.02 0.00	41.37 -1.55 0.00	40.85 -1.48 0.00	39.82 -1.57 0.00	38.05 -1.54 0.00	37.64 -1.73 0.00	39.35 -1.68 0.00	41.83 -2.11 0.00	45.99 -2.47 0.00	48.94 -2.52 0.00	52.20 -2.80 -0.02	48.37 -2.33 0.00	36.96 -1.56 -0.56	36.63 -1.73 0.00	31.53 -1.31 -0.04
STEEL___WIND 323596	35.20 -0.57 0.00	33.30 -0.68 0.00	32.19 -0.66 0.00	31.73 -1.18 0.00	32.48 -0.76 0.00	33.17 -0.68 0.00	34.65 -0.42 0.00	35.41 -0.95 0.00	36.03 -0.81 0.00	39.43 -1.22 0.00	41.03 -1.89 0.00	40.39 -1.95 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.97 -2.40 0.00	38.65 -2.38 0.00	40.77 -3.16 0.00	44.58 -3.88 0.00	47.65 -3.81 0.00	49.51 -5.50 -0.03	46.90 -3.80 0.00	35.25 -3.45 -0.75	35.67 -2.69 0.00	30.10 -2.76 -0.05
STEPHTWN_115KV_BK_2 55603	36.41 0.64 0.00	34.59 0.61 0.00	33.44 0.59 0.00	33.54 0.63 0.00	33.88 0.63 0.00	34.52 0.68 0.00	35.84 0.77 0.00	37.37 1.02 0.00	37.76 0.92 0.00	41.75 1.10 0.00	44.98 2.06 0.00	44.37 2.03 0.00	43.38 1.99 0.00	41.62 2.02 0.00	41.42 2.05 0.00	43.16 2.13 0.00	46.22 2.28 0.00	51.03 2.57 0.00	54.34 2.88 0.00	58.28 3.08 -0.21	53.54 2.84 0.00	45.59 2.05 -5.58	40.50 2.15 0.00	34.84 1.67 -0.35
STEUBEN_REC_LFGE 323667	36.16 0.39 0.00	34.12 0.14 0.00	32.95 0.10 0.00	32.68 -0.23 0.00	33.21 -0.03 0.00	33.85 0.00 0.00	35.32 0.25 0.00	36.21 -0.15 0.00	36.69 -0.15 0.00	40.32 -0.33 0.00	41.68 -1.24 0.00	40.73 -1.61 0.00	39.28 -2.11 0.00	37.34 -2.26 0.00	36.89 -2.48 0.00	38.65 -2.38 0.00	41.34 -2.59 0.00	45.84 -2.62 0.00	49.04 -2.42 0.00	51.61 -3.41 -0.04	47.81 -2.89 0.00	36.11 -2.85 -1.00	35.40 -2.95 0.00	29.95 -2.92 -0.06
STILLWATER___SOLAR 323814	37.27 1.50 0.00	35.38 1.39 0.00	34.23 1.38 0.00	34.33 1.41 0.00	34.68 1.43 0.00	35.33 1.49 0.00	36.65 1.58 0.00	38.17 1.82 0.00	38.57 1.73 0.00	42.60 1.95 0.00	44.98 2.06 0.00	44.41 2.07 0.00	43.42 2.03 0.00	41.66 2.06 0.00	41.46 2.09 0.00	43.16 2.13 0.00	46.26 2.33 0.00	51.07 2.61 0.00	54.44 2.98 0.00	58.39 3.19 -0.22	53.59 2.89 0.00	45.78 2.09 -5.74	40.54 2.19 0.00	34.84 1.67 -0.36
STONY___BROOK 24151	37.16 1.39 0.00	35.58 1.60 0.00	33.90 1.05 0.00	33.84 0.92 0.00	33.98 0.73 0.00	34.12 0.27 0.00	35.63 0.56 0.00	37.52 1.16 0.00	37.39 0.55 0.00	42.03 1.38 0.00	44.51 1.59 0.00	44.11 1.78 0.00	43.05 1.66 0.00	41.54 1.94 0.00	42.01 2.64 0.00	43.49 2.46 0.00	46.75 2.81 0.00	51.41 2.96 0.00	54.08 2.62 0.00	58.35 3.19 -0.18	54.00 3.29 0.00	44.91 2.35 -4.60	40.97 2.61 0.00	35.27 2.17 -0.29
STURGEON_POOL_HYD 23609	36.81 1.04 0.00	35.07 1.09 0.00	33.77 0.92 0.00	33.90 0.99 0.00	34.18 0.93 0.00	34.83 0.98 0.00	36.12 1.05 0.00	37.70 1.35 0.00	38.20 1.36 0.00	42.19 1.54 0.00	44.51 1.59 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.18 1.58 0.00	41.02 1.65 0.00	42.75 1.72 0.00	45.91 1.98 0.00	50.74 2.28 0.00	54.08 2.62 0.00	58.30 3.13 -0.18	53.59 2.89 0.00	44.35 1.71 -4.68	40.31 1.96 0.00	34.29 1.18 -0.29
ST_LAW_115_BK7_LBMP 345037	35.63 -0.14 0.00	33.88 -0.10 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.08 -0.17 0.00	33.68 -0.17 0.00	34.76 -0.32 0.00	36.03 -0.33 0.00	36.69 -0.15 0.00	40.49 -0.16 0.00	42.66 -0.26 0.00	42.08 -0.25 0.00	41.19 -0.21 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.79 -0.24 0.00	43.67 -0.26 0.00	48.02 -0.44 0.00	50.74 -0.72 0.00	54.33 -0.66 0.00	49.94 -0.76 0.00	37.39 -0.57 0.00	37.70 -0.65 0.00	32.32 -0.49 0.00

ST_LAW_115_BK8_LBMP 345038	35.63 -0.14 0.00	33.88 -0.10 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.08 -0.17 0.00	33.68 -0.17 0.00	34.76 -0.32 0.00	36.03 -0.33 0.00	36.69 -0.15 0.00	40.49 -0.16 0.00	42.66 -0.26 0.00	42.08 -0.25 0.00	41.19 -0.21 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.79 -0.24 0.00	43.67 -0.26 0.00	48.02 -0.44 0.00	50.74 -0.72 0.00	54.33 -0.66 0.00	49.94 -0.76 0.00	37.39 -0.57 0.00	37.70 -0.65 0.00	32.32 -0.49 0.00
ST_LAW_230_BK5_LBMP 345035	35.63 -0.14 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.79 -0.28 0.00	36.06 -0.29 0.00	36.69 -0.15 0.00	40.49 -0.16 0.00	42.71 -0.21 0.00	42.12 -0.21 0.00	41.19 -0.21 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.83 -0.20 0.00	43.67 -0.26 0.00	48.07 -0.39 0.00	50.79 -0.67 0.00	54.38 -0.60 0.00	49.99 -0.71 0.00	37.39 -0.57 0.00	37.74 -0.62 0.00	32.35 -0.46 0.00
ST_LAW_230_BK6_LBMP 345036	35.63 -0.14 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.85 -0.07 0.00	33.11 -0.13 0.00	33.68 -0.17 0.00	34.79 -0.28 0.00	36.06 -0.29 0.00	36.69 -0.15 0.00	40.49 -0.16 0.00	42.71 -0.21 0.00	42.12 -0.21 0.00	41.19 -0.21 0.00	39.48 -0.12 0.00	39.21 -0.16 0.00	40.83 -0.20 0.00	43.67 -0.26 0.00	48.07 -0.39 0.00	50.79 -0.67 0.00	54.38 -0.60 0.00	49.99 -0.71 0.00	37.39 -0.57 0.00	37.74 -0.62 0.00	32.35 -0.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.52 0.75 0.00	34.80 0.82 0.00	33.51 0.66 0.00	33.61 0.69 0.00	33.91 0.66 0.00	34.52 0.68 0.00	35.84 0.77 0.00	37.44 1.09 0.00	37.94 1.11 0.00	41.91 1.26 0.00	44.29 1.37 0.00	43.73 1.40 0.00	42.76 1.37 0.00	40.98 1.39 0.00	40.83 1.46 0.00	42.55 1.52 0.00	45.69 1.76 0.00	50.49 2.04 0.00	53.77 2.32 0.00	57.95 2.80 -0.16	53.29 2.59 0.00	43.92 1.71 -4.25	40.01 1.65 0.00	34.33 1.25 -0.27
SWANROAD_115KV_TB1 355699	34.13 -1.65 0.00	32.08 -1.90 0.00	31.14 -1.71 0.00	30.71 -2.21 0.00	31.45 -1.80 0.00	32.12 -1.73 0.00	33.53 -1.54 0.00	34.21 -2.14 0.00	34.63 -2.21 0.00	38.05 -2.60 0.00	39.40 -3.52 0.00	38.86 -3.47 0.00	37.83 -3.56 0.00	36.19 -3.41 0.00	35.67 -3.70 0.00	37.34 -3.69 0.00	39.32 -4.61 0.00	42.98 -5.48 0.00	45.95 -5.51 0.00	48.36 -6.65 -0.03	45.33 -5.37 0.00	34.59 -4.06 -0.69	34.56 -3.80 0.00	29.67 -3.18 -0.04
SYNERGY___BIOGAS 323694	35.59 -0.18 0.00	33.61 -0.37 0.00	32.46 -0.39 0.00	32.06 -0.86 0.00	32.91 -0.33 0.00	33.58 -0.27 0.00	34.93 -0.14 0.00	35.74 -0.62 0.00	36.40 -0.44 0.00	39.76 -0.89 0.00	41.46 -1.46 0.00	40.85 -1.48 0.00	39.57 -1.82 0.00	37.86 -1.74 0.00	37.40 -1.97 0.00	39.14 -1.89 0.00	41.52 -2.42 0.00	45.60 -2.86 0.00	48.63 -2.83 0.00	51.82 -3.19 -0.02	48.27 -2.43 0.00	36.70 -1.90 -0.64	36.48 -1.88 0.00	31.14 -1.71 -0.04
SYRACUSE___ENERGY_ST1 323597	35.77 0.00 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.78 -0.13 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.65 -0.18 0.00	40.49 -0.16 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.12 -0.48 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	50.94 -0.51 0.00	54.29 -0.71 -0.02	50.10 -0.61 0.00	38.04 -0.38 -0.47	37.97 -0.38 0.00	32.58 -0.26 -0.03
SYRACUSE___ENERGY_ST2 323598	35.77 0.00 0.00	33.91 -0.07 0.00	32.75 -0.10 0.00	32.78 -0.13 0.00	33.18 -0.07 0.00	33.78 -0.07 0.00	35.07 0.00 0.00	36.25 -0.11 0.00	36.65 -0.18 0.00	40.49 -0.16 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.12 -0.48 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.41 -0.53 0.00	47.88 -0.58 0.00	50.94 -0.51 0.00	54.29 -0.71 -0.02	50.10 -0.61 0.00	38.04 -0.38 -0.47	37.97 -0.38 0.00	32.58 -0.26 -0.03
SYRACUSE___POWER 24017	35.70 -0.07 0.00	33.85 -0.14 0.00	32.72 -0.13 0.00	32.72 -0.20 0.00	33.11 -0.13 0.00	33.71 -0.14 0.00	35.00 -0.07 0.00	36.17 -0.18 0.00	36.62 -0.22 0.00	40.41 -0.24 0.00	42.53 -0.39 0.00	41.91 -0.42 0.00	40.98 -0.41 0.00	39.08 -0.51 0.00	38.82 -0.55 0.00	40.50 -0.53 0.00	43.36 -0.57 0.00	47.83 -0.63 0.00	50.89 -0.57 0.00	54.23 -0.77 -0.02	50.10 -0.61 0.00	38.03 -0.42 -0.49	37.93 -0.42 0.00	32.51 -0.33 -0.03
TALLMAN___138KV_BK151 55660	36.63 0.86 0.00	34.87 0.88 0.00	33.57 0.72 0.00	33.67 0.76 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.95 0.88 0.00	37.63 1.27 0.00	38.09 1.25 0.00	42.11 1.46 0.00	44.47 1.55 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.18 1.58 0.00	41.06 1.69 0.00	42.75 1.72 0.00	45.91 1.98 0.00	50.74 2.28 0.00	54.08 2.62 0.00	58.28 3.13 -0.17	53.59 2.89 0.00	44.26 1.94 -4.37	40.24 1.88 0.00	34.50 1.41 -0.27
TEALLAVE_115KV_TB7 355573	35.59 -0.18 0.00	33.74 -0.24 0.00	32.62 -0.23 0.00	32.62 -0.30 0.00	33.01 -0.23 0.00	33.64 -0.20 0.00	34.93 -0.14 0.00	36.06 -0.29 0.00	36.51 -0.33 0.00	40.28 -0.37 0.00	42.40 -0.52 0.00	41.78 -0.55 0.00	40.85 -0.54 0.00	38.96 -0.63 0.00	38.70 -0.67 0.00	40.42 -0.62 0.00	43.23 -0.70 0.00	47.68 -0.78 0.00	50.74 -0.72 0.00	54.06 -0.93 -0.02	49.89 -0.81 0.00	37.83 -0.53 -0.41	37.82 -0.54 0.00	32.44 -0.39 -0.03
TELGRAPH_34_KV_EAST 80808	34.91 -0.86 0.00	32.83 -1.16 0.00	31.83 -1.02 0.00	31.43 -1.48 0.00	32.22 -1.03 0.00	32.90 -0.95 0.00	34.30 -0.77 0.00	35.05 -1.31 0.00	35.51 -1.33 0.00	39.02 -1.63 0.00	40.43 -2.49 0.00	39.92 -2.41 0.00	38.83 -2.57 0.00	37.10 -2.49 0.00	36.61 -2.76 0.00	38.32 -2.71 0.00	40.46 -3.47 0.00	44.34 -4.12 0.00	47.34 -4.12 0.00	50.06 -4.95 -0.03	46.80 -3.90 0.00	35.62 -3.00 -0.67	35.52 -2.84 0.00	30.46 -2.40 -0.04
TEMPLE___115KV_TB 2 55572	35.63 -0.14 0.00	33.78 -0.20 0.00	32.65 -0.20 0.00	32.65 -0.26 0.00	33.05 -0.20 0.00	33.68 -0.17 0.00	34.93 -0.14 0.00	36.10 -0.25 0.00	36.51 -0.33 0.00	40.32 -0.33 0.00	42.45 -0.47 0.00	41.83 -0.51 0.00	40.89 -0.50 0.00	39.00 -0.59 0.00	38.74 -0.63 0.00	40.42 -0.62 0.00	43.23 -0.70 0.00	47.68 -0.78 0.00	50.74 -0.72 0.00	54.12 -0.88 -0.02	49.94 -0.76 0.00	37.88 -0.49 -0.41	37.86 -0.50 0.00	32.48 -0.36 -0.03
TIANA____69_KV_BK 1 55817	36.88 1.11 0.00	35.92 1.94 0.00	33.83 0.99 0.00	33.77 0.86 0.00	34.08 0.83 0.00	34.15 0.30 0.00	35.28 0.21 0.00	37.15 0.80 0.00	37.02 0.18 0.00	41.58 0.93 0.00	44.25 1.33 0.00	43.77 1.44 0.00	42.67 1.28 0.00	41.18 1.58 0.00	41.97 2.60 0.00	43.33 2.30 0.00	46.48 2.55 0.00	51.17 2.71 0.00	53.67 2.21 0.00	58.46 3.30 -0.18	53.80 3.09 0.00	45.22 2.66 -4.60	40.93 2.57 0.00	35.23 2.13 -0.29
TILDEN___115KV_TB1 80814	35.70 -0.07 0.00	33.85 -0.14 0.00	32.72 -0.13 0.00	32.72 -0.20 0.00	33.11 -0.13 0.00	33.71 -0.14 0.00	35.00 -0.07 0.00	36.17 -0.18 0.00	36.62 -0.22 0.00	40.41 -0.24 0.00	42.53 -0.39 0.00	41.91 -0.42 0.00	40.98 -0.41 0.00	39.08 -0.51 0.00	38.82 -0.55 0.00	40.50 -0.53 0.00	43.36 -0.57 0.00	47.83 -0.63 0.00	50.89 -0.57 0.00	54.23 -0.77 -0.02	50.10 -0.61 0.00	38.03 -0.42 -0.49	37.93 -0.42 0.00	32.51 -0.33 -0.03

TRIGEN___CC 323695	37.09 1.32 0.00	35.41 1.43 0.00	33.70 0.85 0.00	33.71 0.79 0.00	34.01 0.76 0.00	34.49 0.64 0.00	35.84 0.77 0.00	37.63 1.27 0.00	37.79 0.96 0.00	42.11 1.46 0.00	44.89 1.97 0.00	44.37 2.03 0.00	43.34 1.95 0.00	41.74 2.14 0.00	41.77 2.40 0.00	43.37 2.34 0.00	46.62 2.68 0.00	51.22 2.76 0.00	54.24 2.78 0.00	58.79 3.63 -0.18	54.05 3.35 0.00	45.10 2.54 -4.60	40.73 2.38 0.00	34.91 1.80 -0.29
TRINITY___115KV___4 BK 55933	36.13 0.36 0.00	34.36 0.37 0.00	33.21 0.36 0.00	33.31 0.39 0.00	33.61 0.37 0.00	34.25 0.41 0.00	35.56 0.49 0.00	37.05 0.69 0.00	37.43 0.59 0.00	41.38 0.73 0.00	44.55 1.63 0.00	43.99 1.65 0.00	43.01 1.61 0.00	41.26 1.66 0.00	41.10 1.73 0.00	42.79 1.76 0.00	45.82 1.89 0.00	50.59 2.13 0.00	53.82 2.37 0.00	57.73 2.53 -0.21	53.09 2.38 0.00	45.26 1.71 -5.59	40.20 1.84 0.00	34.57 1.41 -0.35
UNION___PROCESSING_DRP 323587	35.23 -0.54 0.00	33.23 -0.75 0.00	32.16 -0.69 0.00	31.96 -0.95 0.00	32.61 -0.63 0.00	33.27 -0.58 0.00	34.58 -0.49 0.00	35.48 -0.87 0.00	35.99 -0.85 0.00	39.63 -1.02 0.00	41.37 -1.55 0.00	40.85 -1.48 0.00	39.86 -1.53 0.00	38.05 -1.54 0.00	37.68 -1.69 0.00	39.35 -1.68 0.00	41.83 -2.11 0.00	45.99 -2.47 0.00	48.94 -2.52 0.00	52.20 -2.80 -0.02	48.42 -2.28 0.00	36.96 -1.56 -0.56	36.63 -1.73 0.00	31.57 -1.28 -0.04
UPPER HUDSON___HYD 24058	37.49 1.72 0.00	35.55 1.56 0.00	34.42 1.58 0.00	34.50 1.58 0.00	34.88 1.63 0.00	35.57 1.73 0.00	36.86 1.79 0.00	38.46 2.11 0.00	38.86 2.02 0.00	42.97 2.32 0.00	45.37 2.45 0.00	44.75 2.41 0.00	43.71 2.32 0.00	41.93 2.34 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.57 2.64 0.00	51.37 2.91 0.00	54.85 3.40 0.00	58.78 3.57 -0.22	53.90 3.20 0.00	45.97 2.24 -5.77	40.70 2.34 0.00	34.94 1.77 -0.36
UPPER RAQUET___HYD 24056	35.02 -0.75 0.00	33.33 -0.65 0.00	32.19 -0.66 0.00	32.29 -0.63 0.00	32.55 -0.70 0.00	33.10 -0.74 0.00	34.09 -0.98 0.00	35.34 -1.02 0.00	35.99 -0.85 0.00	39.63 -1.01 0.00	41.72 -1.20 0.00	41.11 -1.23 0.00	40.23 -1.16 0.00	38.61 -0.99 0.00	38.27 -1.10 0.00	39.80 -1.23 0.00	42.71 -1.23 0.00	47.01 -1.45 0.00	49.71 -1.75 0.00	53.34 -1.65 0.00	48.88 -1.82 0.00	36.55 -1.40 0.00	36.82 -1.54 0.00	31.53 -1.28 0.00
VALLEY44_115KV_TB2 355964	35.34 -0.43 0.00	33.44 -0.54 0.00	32.36 -0.49 0.00	31.96 -0.95 0.00	32.65 -0.60 0.00	33.31 -0.54 0.00	34.79 -0.28 0.00	35.77 -0.58 0.00	36.28 -0.55 0.00	39.76 -0.89 0.00	41.07 -1.85 0.00	40.43 -1.91 0.00	39.32 -2.07 0.00	37.58 -2.02 0.00	37.09 -2.28 0.00	38.77 -2.26 0.00	41.26 -2.68 0.00	45.31 -3.15 0.00	48.52 -2.93 0.00	49.74 -5.28 -0.03	47.86 -2.84 0.00	34.72 -4.10 -0.87	36.05 -2.30 0.00	29.45 -3.41 -0.05
VALLEY___115KV_TB 1-4 80826	35.52 -0.25 0.00	33.68 -0.31 0.00	32.52 -0.33 0.00	32.55 -0.36 0.00	32.81 -0.43 0.00	33.34 -0.51 0.00	34.55 -0.53 0.00	35.77 -0.58 0.00	36.21 -0.63 0.00	39.96 -0.69 0.00	42.32 -0.60 0.00	41.70 -0.64 0.00	40.77 -0.62 0.00	39.00 -0.59 0.00	38.78 -0.59 0.00	40.37 -0.66 0.00	43.23 -0.70 0.00	47.68 -0.78 0.00	50.69 -0.77 0.00	54.16 -0.82 0.00	49.84 -0.86 0.00	37.35 -0.61 0.00	37.78 -0.58 0.00	32.29 -0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.20 1.43 0.00	35.37 1.39 0.00	34.23 1.38 0.00	34.30 1.38 0.00	34.68 1.43 0.00	35.27 1.42 0.00	36.62 1.54 0.00	37.95 1.60 0.00	38.49 1.66 0.00	42.40 1.75 0.00	44.81 1.89 0.00	44.11 1.78 0.00	43.05 1.66 0.00	41.14 1.54 0.00	40.95 1.57 0.00	42.71 1.68 0.00	45.82 1.89 0.00	50.59 2.13 0.00	53.93 2.47 0.00	57.64 2.58 -0.08	52.88 2.18 0.00	41.45 1.52 -1.98	39.97 1.61 0.00	34.08 1.15 -0.12
VISCHER___FERRY HYD 24020	36.88 1.11 0.00	35.07 1.09 0.00	33.90 1.05 0.00	33.97 1.05 0.00	34.31 1.06 0.00	34.93 1.08 0.00	36.27 1.19 0.00	37.74 1.38 0.00	38.13 1.29 0.00	42.15 1.50 0.00	44.64 1.72 0.00	44.07 1.74 0.00	43.13 1.74 0.00	41.38 1.78 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.03 2.57 0.00	57.89 2.69 -0.22	53.24 2.53 0.00	45.51 1.90 -5.66	40.31 1.96 0.00	34.68 1.51 -0.36
V_A_10_SYNC_DSASP 323832	34.59 -1.18 0.00	32.66 -1.33 0.00	31.53 -1.31 0.00	31.24 -1.68 0.00	31.92 -1.33 0.00	32.63 -1.22 0.00	33.98 -1.09 0.00	34.79 -1.56 0.00	35.36 -1.47 0.00	38.74 -1.91 0.00	40.48 -2.44 0.00	39.80 -2.54 0.00	38.70 -2.69 0.00	37.03 -2.57 0.00	36.61 -2.76 0.00	38.24 -2.79 0.00	40.46 -3.47 0.00	44.24 -4.22 0.00	47.24 -4.22 0.00	50.33 -4.67 -0.02	46.65 -4.06 0.00	35.85 -2.73 -0.63	35.44 -2.92 0.00	30.68 -2.17 -0.04
V_CMM_10_SYNC_DSASP 323787	35.81 0.04 0.00	34.08 0.10 0.00	32.95 0.10 0.00	33.01 0.10 0.00	33.28 0.03 0.00	33.85 0.00 0.00	34.93 -0.14 0.00	36.21 -0.14 0.00	36.91 0.07 0.00	40.73 0.08 0.00	42.92 0.00 0.00	42.29 -0.04 0.00	41.39 0.00 0.00	39.68 0.08 0.00	39.41 0.04 0.00	40.99 -0.04 0.00	43.89 0.00 0.00	48.27 -0.19 0.00	50.99 -0.46 0.00	54.54 -0.44 0.00	50.20 -0.51 0.00	37.54 -0.42 0.00	37.86 -0.50 0.00	32.48 -0.33 0.00
V_CMP_10_SYNC_DSASP 323788	36.45 0.68 0.00	34.70 0.71 0.00	33.54 0.69 0.00	33.67 0.76 0.00	33.95 0.70 0.00	34.52 0.68 0.00	35.21 0.14 0.00	36.50 0.15 0.00	37.24 0.41 0.00	41.10 0.45 0.00	43.22 0.30 0.00	42.59 0.26 0.00	41.72 0.33 0.00	39.99 0.40 0.00	39.65 0.28 0.00	41.24 0.21 0.00	44.20 0.27 0.00	48.51 0.05 0.00	51.15 -0.31 0.00	54.60 -0.38 0.00	50.04 -0.66 0.00	37.20 -0.76 0.00	37.67 -0.69 0.00	32.19 -0.62 0.00
V_D_10_SYNC_DSASP 323841	35.91 0.14 0.00	34.19 0.21 0.00	33.05 0.20 0.00	33.11 0.20 0.00	33.38 0.13 0.00	33.95 0.10 0.00	35.00 -0.07 0.00	36.28 -0.07 0.00	36.98 0.15 0.00	40.77 0.12 0.00	42.96 0.04 0.00	42.38 0.04 0.00	41.43 0.04 0.00	39.76 0.16 0.00	39.45 0.08 0.00	41.03 0.00 0.00	43.94 0.00 0.00	48.31 -0.14 0.00	51.04 -0.41 0.00	54.66 -0.33 0.00	50.25 -0.46 0.00	37.61 -0.34 0.00	37.90 -0.46 0.00	32.52 -0.30 0.00
V_E_10_SYNC_DSASP 323830	38.06 2.29 0.00	36.12 2.14 0.00	34.92 2.07 0.00	34.86 1.94 0.00	35.24 1.99 0.00	35.81 1.96 0.00	37.28 2.21 0.00	38.43 2.07 0.00	38.82 1.99 0.00	42.44 1.79 0.00	44.72 1.80 0.00	43.78 1.44 0.00	42.51 1.12 0.00	40.59 0.99 0.00	40.28 0.91 0.00	42.18 1.15 0.00	45.38 1.45 0.00	50.25 1.79 0.00	53.93 2.47 0.00	57.40 2.36 -0.05	52.33 1.62 0.00	40.40 1.03 -1.41	39.43 1.07 0.00	33.49 0.59 -0.09
V_F_30_NSYNC___DSASP 323816	37.31 1.54 0.00	35.41 1.43 0.00	34.26 1.41 0.00	34.36 1.45 0.00	34.71 1.46 0.00	35.41 1.56 0.00	36.69 1.61 0.00	38.21 1.85 0.00	38.60 1.77 0.00	42.64 1.99 0.00	45.07 2.15 0.00	44.45 2.12 0.00	43.46 2.07 0.00	41.70 2.10 0.00	41.50 2.12 0.00	43.20 2.17 0.00	46.31 2.37 0.00	51.12 2.66 0.00	54.49 3.04 0.00	58.39 3.19 -0.22	53.64 2.94 0.00	45.84 2.12 -5.76	40.54 2.19 0.00	34.88 1.71 -0.36



V_F_30_SYNC_DSASP 323786	36.20 0.43 0.00	34.42 0.44 0.00	33.28 0.43 0.00	33.38 0.46 0.00	33.68 0.43 0.00	34.32 0.47 0.00	35.67 0.60 0.00	37.15 0.80 0.00	37.50 0.66 0.00	41.50 0.85 0.00	44.72 1.80 0.00	44.11 1.78 0.00	43.17 1.78 0.00	41.42 1.82 0.00	41.22 1.85 0.00	42.92 1.89 0.00	45.96 2.02 0.00	50.74 2.28 0.00	53.98 2.52 0.00	57.89 2.69 -0.21	53.24 2.54 0.00	45.41 1.82 -5.64	40.27 1.92 0.00	34.64 1.48 -0.35
V_XM_10_SYNC_DSASP 323789	36.45 0.68 0.00	34.70 0.71 0.00	33.54 0.69 0.00	33.67 0.76 0.00	33.95 0.70 0.00	34.52 0.68 0.00	35.21 0.14 0.00	36.50 0.15 0.00	37.24 0.41 0.00	41.10 0.45 0.00	43.22 0.30 0.00	42.59 0.26 0.00	41.72 0.33 0.00	39.99 0.40 0.00	39.65 0.28 0.00	41.24 0.21 0.00	44.20 0.27 0.00	48.51 0.05 0.00	51.15 -0.31 0.00	54.60 -0.38 0.00	50.04 -0.66 0.00	37.20 -0.76 0.00	37.67 -0.69 0.00	32.19 -0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.74 0.97 0.00	35.00 1.02 0.00	33.70 0.85 0.00	33.80 0.89 0.00	34.08 0.83 0.00	34.69 0.85 0.00	36.05 0.98 0.00	37.74 1.38 0.00	38.24 1.40 0.00	42.23 1.59 0.00	44.64 1.72 0.00	44.11 1.78 0.00	43.13 1.74 0.00	41.34 1.74 0.00	41.18 1.81 0.00	42.92 1.89 0.00	46.09 2.15 0.00	50.93 2.47 0.00	54.29 2.83 0.00	58.51 3.35 -0.17	53.80 3.09 0.00	44.45 2.09 -4.41	40.35 1.99 0.00	34.60 1.51 -0.28
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.95 1.18 0.00	35.17 1.19 0.00	33.87 1.02 0.00	33.97 1.05 0.00	34.24 1.00 0.00	34.83 0.98 0.00	36.26 1.19 0.00	38.03 1.67 0.00	38.53 1.69 0.00	42.64 1.99 0.00	45.11 2.19 0.00	44.54 2.20 0.00	43.54 2.15 0.00	41.78 2.18 0.00	41.61 2.24 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.41 2.96 0.00	54.80 3.34 0.00	59.28 4.12 -0.18	54.35 3.65 0.00	44.99 2.43 -4.60	40.70 2.34 0.00	34.87 1.77 -0.29
W50THST__13_KV_LOAD 356117	37.09 1.32 0.00	35.31 1.33 0.00	34.00 1.15 0.00	34.10 1.18 0.00	34.38 1.13 0.00	34.96 1.12 0.00	36.41 1.33 0.00	38.17 1.82 0.00	38.68 1.84 0.00	42.84 2.20 0.00	45.28 2.36 0.00	44.75 2.41 0.00	43.75 2.36 0.00	41.93 2.34 0.00	41.77 2.40 0.00	43.53 2.50 0.00	46.70 2.77 0.00	51.66 3.20 0.00	55.06 3.60 0.00	59.56 4.40 -0.18	54.61 3.90 0.00	45.14 2.58 -4.60	40.81 2.45 0.00	35.00 1.90 -0.29
WADING RIVER_IC_1 23522	36.59 0.82 0.00	35.38 1.39 0.00	33.67 0.82 0.00	33.61 0.69 0.00	33.71 0.47 0.00	33.44 -0.40 0.00	34.93 -0.14 0.00	36.79 0.44 0.00	36.62 -0.22 0.00	41.38 0.73 0.00	43.65 0.73 0.00	43.23 0.89 0.00	42.18 0.78 0.00	40.71 1.11 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.00 2.07 0.00	50.83 2.37 0.00	53.00 1.54 0.00	57.36 2.20 -0.18	53.04 2.33 0.00	44.23 1.67 -4.60	40.58 2.22 0.00	35.10 2.00 -0.29
WADING RIVER_IC_2 23547	36.59 0.82 0.00	35.38 1.39 0.00	33.67 0.82 0.00	33.61 0.69 0.00	33.71 0.47 0.00	33.44 -0.40 0.00	34.93 -0.14 0.00	36.79 0.44 0.00	36.62 -0.22 0.00	41.38 0.73 0.00	43.65 0.73 0.00	43.23 0.89 0.00	42.18 0.78 0.00	40.71 1.11 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.00 2.07 0.00	50.83 2.37 0.00	53.00 1.54 0.00	57.36 2.20 -0.18	53.04 2.33 0.00	44.23 1.67 -4.60	40.58 2.22 0.00	35.10 2.00 -0.29
WADING RIVER_IC_3 23601	36.59 0.82 0.00	35.38 1.39 0.00	33.67 0.82 0.00	33.61 0.69 0.00	33.71 0.47 0.00	33.44 -0.40 0.00	34.93 -0.14 0.00	36.79 0.44 0.00	36.62 -0.22 0.00	41.38 0.73 0.00	43.65 0.73 0.00	43.23 0.89 0.00	42.18 0.78 0.00	40.71 1.11 0.00	41.69 2.32 0.00	43.00 1.97 0.00	46.00 2.07 0.00	50.83 2.37 0.00	53.00 1.54 0.00	57.36 2.20 -0.18	53.04 2.33 0.00	44.23 1.67 -4.60	40.58 2.22 0.00	35.10 2.00 -0.29
WALDENNY_12_KV_BK2 80841	35.13 -0.64 0.00	33.13 -0.85 0.00	32.13 -0.72 0.00	31.70 -1.22 0.00	32.45 -0.80 0.00	33.14 -0.71 0.00	34.62 -0.46 0.00	35.37 -0.98 0.00	35.84 -0.99 0.00	39.39 -1.26 0.00	40.77 -2.15 0.00	40.26 -2.07 0.00	39.16 -2.24 0.00	37.46 -2.14 0.00	36.89 -2.48 0.00	38.61 -2.42 0.00	40.73 -3.21 0.00	44.58 -3.88 0.00	47.60 -3.86 0.00	49.68 -5.33 -0.03	46.90 -3.80 0.00	35.28 -3.42 -0.74	35.67 -2.68 0.00	30.20 -2.66 -0.05
WALDEN__HYDRO 24148	36.70 0.93 0.00	34.97 0.99 0.00	33.67 0.82 0.00	33.77 0.86 0.00	34.08 0.83 0.00	34.69 0.85 0.00	36.02 0.95 0.00	37.63 1.27 0.00	38.13 1.29 0.00	42.11 1.46 0.00	44.51 1.59 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.18 1.58 0.00	41.02 1.65 0.00	42.75 1.72 0.00	45.91 1.98 0.00	50.74 2.28 0.00	54.08 2.62 0.00	58.29 3.13 -0.17	53.59 2.89 0.00	44.32 1.94 -4.42	40.27 1.92 0.00	34.47 1.38 -0.28
WARRENSBURG____ 23737	37.49 1.72 0.00	35.58 1.60 0.00	34.43 1.58 0.00	34.50 1.58 0.00	34.88 1.63 0.00	35.51 1.66 0.00	36.86 1.79 0.00	38.46 2.11 0.00	38.86 2.03 0.00	42.97 2.32 0.00	45.37 2.45 0.00	44.75 2.41 0.00	43.71 2.32 0.00	41.93 2.34 0.00	41.69 2.32 0.00	43.41 2.38 0.00	46.53 2.59 0.00	51.37 2.91 0.00	54.85 3.40 0.00	58.72 3.52 -0.22	53.90 3.19 0.00	45.97 2.24 -5.77	40.70 2.34 0.00	34.98 1.80 -0.36
WATERSIDE____6 8 9 23538	35.39 1.40 1.78	35.38 1.39 -0.01	34.04 1.18 -0.01	33.37 1.25 0.80	34.45 1.20 -0.01	35.00 1.15 0.00	36.40 1.33 0.00	37.03 1.89 1.22	37.48 1.88 1.24	41.98 2.20 0.87	44.52 2.40 0.81	43.86 2.41 0.89	42.76 2.36 0.99	40.81 2.38 1.16	40.85 2.44 0.97	42.54 2.50 0.99	45.75 2.81 0.99	51.33 3.20 0.32	54.96 3.50 0.00	59.39 4.23 -0.17	54.51 3.80 0.00	44.28 2.66 -3.66	39.47 2.53 1.41	32.99 1.97 1.79
WATKINRD_115KV_LN8_ILLION 55919	35.66 -0.11 0.00	33.85 -0.14 0.00	32.72 -0.13 0.00	32.75 -0.16 0.00	33.05 -0.20 0.00	33.61 -0.24 0.00	34.83 -0.25 0.00	36.06 -0.29 0.00	36.51 -0.33 0.00	40.28 -0.37 0.00	42.62 -0.30 0.00	42.00 -0.34 0.00	41.06 -0.33 0.00	39.28 -0.32 0.00	39.10 -0.28 0.00	40.70 -0.33 0.00	43.63 -0.31 0.00	48.12 -0.34 0.00	51.15 -0.31 0.00	54.65 -0.33 0.00	50.35 -0.35 0.00	37.69 -0.27 0.00	38.09 -0.27 0.00	32.58 -0.23 0.00
WATSON____69_KV_BK 1 55734	37.45 1.68 0.00	36.02 2.04 0.00	34.10 1.25 0.00	34.03 1.12 0.00	34.34 1.10 0.00	34.69 0.85 0.00	35.95 0.88 0.00	37.84 1.49 0.00	37.76 0.92 0.00	42.28 1.63 0.00	45.11 2.19 0.00	44.62 2.29 0.00	43.54 2.15 0.00	41.97 2.38 0.00	42.32 2.95 0.00	43.86 2.83 0.00	47.19 3.25 0.00	51.75 3.30 0.00	54.65 3.19 0.00	59.39 4.23 -0.18	54.61 3.90 0.00	45.67 3.11 -4.60	41.35 2.99 0.00	35.43 2.33 -0.29
WDELAWARE__HYD 323627	36.63 0.86 0.00	34.90 0.92 0.00	33.64 0.79 0.00	33.74 0.82 0.00	34.01 0.77 0.00	34.66 0.81 0.00	35.98 0.91 0.00	37.52 1.16 0.00	38.02 1.18 0.00	41.95 1.30 0.00	44.25 1.33 0.00	43.65 1.31 0.00	42.63 1.24 0.00	40.87 1.27 0.00	40.67 1.30 0.00	42.43 1.40 0.00	45.56 1.63 0.00	50.40 1.94 0.00	53.83 2.37 0.00	57.89 2.75 -0.16	53.34 2.63 0.00	43.83 1.71 -4.17	40.04 1.69 0.00	34.25 1.18 -0.26

WEST BABYLON___IC 23714	37.42 1.65 0.00	35.88 1.90 0.00	34.03 1.18 0.00	33.97 1.05 0.00	34.31 1.06 0.00	34.69 0.85 0.00	35.98 0.91 0.00	37.84 1.49 0.00	37.79 0.96 0.00	42.32 1.67 0.00	45.11 2.19 0.00	44.62 2.29 0.00	43.54 2.15 0.00	42.01 2.42 0.00	42.24 2.87 0.00	43.82 2.79 0.00	47.10 3.16 0.00	51.70 3.25 0.00	54.65 3.19 0.00	59.34 4.18 -0.18	54.61 3.90 0.00	45.60 3.04 -4.60	41.27 2.92 0.00	35.36 2.26 -0.29
WEST CANADA___HYD 24049	35.84 0.07 0.00	34.05 0.07 0.00	32.95 0.10 0.00	33.01 0.10 0.00	33.35 0.10 0.00	33.95 0.10 0.00	35.18 0.11 0.00	36.46 0.11 0.00	36.91 0.07 0.00	40.73 0.08 0.00	43.05 0.13 0.00	42.46 0.13 0.00	41.52 0.12 0.00	39.72 0.12 0.00	39.49 0.12 0.00	41.15 0.12 0.00	44.11 0.18 0.00	48.65 0.19 0.00	51.77 0.31 0.00	55.32 0.33 0.00	50.96 0.25 0.00	38.15 0.19 0.00	38.59 0.23 0.00	32.94 0.13 0.00
WESTERN_NY_WIND 24143	35.56 -0.21 0.00	33.44 -0.54 0.00	32.42 -0.43 0.00	32.03 -0.89 0.00	32.88 -0.37 0.00	33.54 -0.30 0.00	34.90 -0.18 0.00	35.70 -0.65 0.00	36.21 -0.63 0.00	39.71 -0.93 0.00	41.16 -1.76 0.00	40.68 -1.65 0.00	39.53 -1.86 0.00	37.82 -1.78 0.00	37.32 -2.05 0.00	39.06 -1.97 0.00	41.39 -2.55 0.00	45.50 -2.96 0.00	48.58 -2.88 0.00	51.60 -3.41 -0.02	48.17 -2.54 0.00	36.59 -2.01 -0.64	36.40 -1.96 0.00	31.11 -1.74 -0.04
WESTOVER___LESR 323668	35.91 0.14 0.00	34.05 0.07 0.00	32.91 0.07 0.00	32.88 -0.03 0.00	33.31 0.07 0.00	33.95 0.10 0.00	35.28 0.21 0.00	36.46 0.11 0.00	36.91 0.07 0.00	40.69 0.04 0.00	42.66 -0.26 0.00	42.00 -0.34 0.00	41.02 -0.37 0.00	39.16 -0.44 0.00	38.90 -0.47 0.00	40.58 -0.45 0.00	43.45 -0.48 0.00	47.93 -0.53 0.00	51.10 -0.36 0.00	54.27 -0.77 -0.06	50.35 -0.35 0.00	38.85 -0.57 -1.46	37.97 -0.38 0.00	32.38 -0.52 -0.09
WETHRSFD_WT_PWR 323626	35.06 -0.72 0.00	33.13 -0.85 0.00	31.96 -0.89 0.00	31.66 -1.25 0.00	32.18 -1.07 0.00	32.83 -1.01 0.00	34.23 -0.84 0.00	35.05 -1.31 0.00	35.58 -1.25 0.00	38.98 -1.67 0.00	40.48 -2.44 0.00	39.62 -2.71 0.00	38.41 -2.98 0.00	36.63 -2.97 0.00	36.14 -3.23 0.00	37.75 -3.28 0.00	40.16 -3.78 0.00	44.00 -4.46 0.00	47.03 -4.43 0.00	49.52 -5.50 -0.03	46.19 -4.51 0.00	35.12 -3.72 -0.88	34.71 -3.64 0.00	29.59 -3.28 -0.06
WHAVSTOR_138KV_BK127 55557	36.63 0.86 0.00	34.90 0.92 0.00	33.60 0.76 0.00	33.71 0.79 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.95 0.88 0.00	37.63 1.27 0.00	38.09 1.25 0.00	42.11 1.46 0.00	44.51 1.59 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.22 1.62 0.00	41.06 1.69 0.00	42.79 1.76 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.08 2.62 0.00	58.34 3.19 -0.17	53.59 2.89 0.00	44.31 1.94 -4.42	40.24 1.88 0.00	34.50 1.41 -0.28
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.63 0.86 0.00	34.90 0.92 0.00	33.60 0.76 0.00	33.71 0.79 0.00	33.98 0.73 0.00	34.59 0.74 0.00	35.95 0.88 0.00	37.63 1.27 0.00	38.09 1.25 0.00	42.11 1.46 0.00	44.51 1.59 0.00	43.94 1.61 0.00	42.96 1.57 0.00	41.22 1.62 0.00	41.06 1.69 0.00	42.79 1.76 0.00	45.96 2.02 0.00	50.78 2.33 0.00	54.08 2.62 0.00	58.34 3.19 -0.17	53.59 2.89 0.00	44.31 1.94 -4.42	40.24 1.88 0.00	34.50 1.41 -0.28
WHITEHAL_115KV_TB1 80871	37.67 1.90 0.00	35.75 1.77 0.00	34.59 1.74 0.00	34.66 1.74 0.00	35.04 1.80 0.00	35.71 1.86 0.00	37.11 2.03 0.00	38.75 2.40 0.00	39.12 2.28 0.00	43.17 2.52 0.00	45.54 2.62 0.00	44.92 2.58 0.00	43.83 2.44 0.00	42.09 2.49 0.00	41.89 2.52 0.00	43.57 2.54 0.00	46.75 2.81 0.00	51.66 3.20 0.00	55.32 3.86 0.00	59.27 4.07 -0.22	54.30 3.60 0.00	46.23 2.51 -5.76	40.96 2.61 0.00	35.21 2.03 -0.36
WHITEPLN_13_KV_LOAD 356215	37.13 1.36 0.00	35.34 1.36 0.00	34.03 1.18 0.00	34.13 1.22 0.00	34.41 1.16 0.00	35.03 1.18 0.00	36.44 1.37 0.00	38.17 1.82 0.00	38.68 1.84 0.00	42.76 2.11 0.00	45.24 2.32 0.00	44.71 2.37 0.00	43.67 2.28 0.00	41.90 2.30 0.00	41.73 2.36 0.00	43.45 2.42 0.00	46.70 2.77 0.00	51.61 3.15 0.00	54.96 3.50 0.00	59.34 4.18 -0.17	54.46 3.75 0.00	45.13 2.58 -4.59	40.85 2.49 0.00	34.97 1.87 -0.29
WM_FLOYD_69_KV_BK2 356380	36.88 1.11 0.00	35.82 1.84 0.00	33.80 0.95 0.00	33.71 0.79 0.00	34.04 0.80 0.00	34.19 0.34 0.00	35.32 0.25 0.00	37.19 0.84 0.00	37.06 0.22 0.00	41.58 0.93 0.00	44.29 1.37 0.00	43.82 1.48 0.00	42.76 1.37 0.00	41.26 1.66 0.00	41.93 2.56 0.00	43.33 2.30 0.00	46.53 2.59 0.00	51.17 2.71 0.00	53.72 2.26 0.00	58.46 3.30 -0.18	53.75 3.04 0.00	45.18 2.62 -4.60	40.89 2.53 0.00	35.17 2.07 -0.29
WOODARD___115KV_TB2 355635	35.56 -0.21 0.00	33.71 -0.27 0.00	32.59 -0.26 0.00	32.62 -0.30 0.00	33.01 -0.23 0.00	33.61 -0.24 0.00	34.90 -0.18 0.00	36.03 -0.33 0.00	36.47 -0.37 0.00	40.24 -0.41 0.00	42.36 -0.56 0.00	41.78 -0.55 0.00	40.85 -0.54 0.00	38.96 -0.63 0.00	38.70 -0.67 0.00	40.37 -0.66 0.00	43.19 -0.75 0.00	47.63 -0.82 0.00	50.69 -0.77 0.00	54.06 -0.93 -0.02	49.89 -0.81 0.00	37.84 -0.53 -0.42	37.82 -0.54 0.00	32.44 -0.39 -0.03
YORK___WARBASSE 23770	49.80 1.68 -12.35	35.65 1.67 -0.01	34.30 1.45 -0.01	40.01 1.51 -5.58	34.68 1.43 -0.01	35.28 1.42 -0.01	36.69 1.61 -0.01	49.88 2.14 -11.38	50.52 2.14 -11.54	51.26 2.48 -8.13	53.15 2.66 -7.57	53.32 2.67 -8.32	53.27 2.61 -9.27	53.09 2.61 -10.88	51.09 2.68 -9.04	53.10 2.79 -9.27	54.24 3.12 -7.19	54.28 3.59 -2.23	55.32 3.86 -0.01	59.84 4.67 -0.18	54.92 4.21 -0.01	54.23 2.88 -13.39	51.04 2.84 -9.85	49.73 2.20 -14.72