

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		01/24/2024																													
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00						
59TH STREET_GT_1 24138	EST	40.66	37.61	36.35	34.70	35.82	39.10	46.04	50.70	49.84	50.26	51.29	50.88	49.65	48.27	46.06	46.15	46.55	49.07	45.57	40.85	40.69	37.47	34.56	34.36						
		1.94	1.48	1.47	1.37	1.44	1.58	2.65	3.23	3.35	3.42	3.58	3.51	3.34	3.24	3.05	3.10	3.41	3.64	2.82	2.28	2.41	2.12	1.74	1.57						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1 24260	EST	40.74	37.65	36.35	34.73	35.86	39.10	46.00	50.69	49.79	50.22	51.29	50.83	49.69	48.32	46.10	45.72	46.29	49.11	45.61	40.89	40.77	37.55	34.59	34.39						
		2.01	1.52	1.47	1.40	1.48	1.58	2.60	3.23	3.30	3.37	3.58	3.46	3.38	3.29	3.10	2.67	3.15	3.68	2.86	2.31	2.49	2.19	1.77	1.61						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2 24261	EST	40.74	37.65	36.35	34.73	35.86	39.10	46.00	50.69	49.79	50.22	51.29	50.83	49.69	48.32	46.10	45.72	46.29	49.11	45.61	40.89	40.77	37.55	34.59	34.39						
		2.01	1.52	1.47	1.40	1.48	1.58	2.60	3.23	3.30	3.37	3.58	3.46	3.38	3.29	3.10	2.67	3.15	3.68	2.86	2.31	2.49	2.19	1.77	1.61						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS 24011	EST	39.97	37.22	35.87	34.27	35.37	38.69	45.22	49.84	49.09	49.42	50.48	50.12	48.86	47.42	45.24	44.86	45.04	47.75	44.67	40.08	39.81	36.56	34.53	34.32						
		1.24	1.08	0.98	0.93	1.00	1.16	1.82	2.37	2.60	2.58	2.77	2.75	2.55	2.39	2.24	1.81	1.90	2.32	1.92	1.50	1.53	1.20	1.71	1.54						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EST	40.08	37.29	35.94	34.33	35.44	38.80	45.44	50.08	49.37	49.70	50.77	50.41	49.09	47.64	45.41	45.37	45.38	47.93	44.84	40.19	39.96	36.70	34.66	34.49						
		1.35	1.16	1.05	1.00	1.07	1.28	2.04	2.61	2.88	2.86	3.06	3.03	2.78	2.61	2.41	2.32	2.24	2.50	2.09	1.62	1.68	1.34	1.84	1.70						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028	EST	39.97	37.22	35.87	34.27	35.37	38.69	45.22	49.84	49.09	49.42	50.48	50.12	48.86	47.42	45.24	44.86	45.04	47.75	44.67	40.08	39.81	36.56	34.53	34.32						
		1.24	1.08	0.98	0.93	1.00	1.16	1.82	2.37	2.60	2.58	2.77	2.75	2.55	2.39	2.24	1.81	1.90	2.32	1.92	1.50	1.53	1.20	1.71	1.54						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM 23527	EST	40.43	37.83	36.53	34.90	36.03	39.36	46.00	50.55	49.51	49.80	50.62	50.17	48.95	47.59	45.46	45.55	45.60	48.11	44.72	40.43	39.96	37.09	34.36	34.13						
		1.70	1.70	1.64	1.57	1.65	1.84	2.60	3.08	3.02	2.95	2.91	2.79	2.64	2.57	2.45	2.50	2.46	2.68	1.97	1.85	1.68	1.73	1.54	1.34						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EST	39.08	36.38	35.10	33.57	34.62	37.71	44.05	48.42	47.37	47.69	48.57	48.18	47.05	45.75	43.69	43.44	43.61	46.21	43.09	38.81	38.55	35.60	33.12	32.88						
		0.35	0.25	0.21	0.23	0.24	0.19	0.65	0.95	0.88	0.84	0.86	0.81	0.74	0.72	0.69	0.39	0.47	0.77	0.34	0.23	0.27	0.25	0.30	0.10						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683	EST	39.12	36.49	35.31	33.73	34.76	37.79	43.44	47.09	46.17	46.56	47.47	47.14	46.08	44.80	42.88	43.31	43.10	45.07	42.88	38.81	38.47	35.60	33.12	33.14						
		0.39	0.36	0.42	0.40	0.38	0.26	0.04	-0.38	-0.33	-0.28	-0.24	-0.24	-0.23	-0.23	-0.13	0.26	-0.04	-0.36	0.13	0.23	0.19	0.25	0.30	0.36						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_1_SOLAR 323833	EST	39.97	37.21	35.94	34.30	35.37	38.58	44.96	49.32	48.35	48.62	49.52	49.08	47.93	46.56	44.47	44.56	44.61	47.07	44.03	39.62	39.35	36.34	33.80	33.63						
		1.24	1.08	1.05	0.97	1.00	1.05	1.56	1.85	1.86	1.78	1.81	1.70	1.62	1.53	1.46	1.51	1.47	1.63	1.28	1.04	1.07	0.99	0.98	0.85						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR 323834	EST	39.93	37.21	35.94	34.30	35.37	38.54	44.96	49.32	48.35	48.62	49.48	49.08	47.93	46.56	44.47	44.56	44.61	47.07	43.99	39.62	39.35	36.34	33.77	33.63						
		1.20	1.08	1.05	0.97	1.00	1.01	1.56	1.85	1.86	1.78	1.77	1.70	1.62	1.53	1.46	1.51	1.47	1.63	1.24	1.04	1.07	0.99	0.95	0.85						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___1 23571	EST	39.08	36.38	35.10	33.57	34.62	37.71	44.05	48.42	47.37	47.69	48.57	48.18	47.05	45.75	43.69	43.44	43.61	46.21	43.09	38.81	38.55	35.60	33.12	32.88						
		0.35	0.25	0.21	0.23	0.24	0.19	0.65	0.95	0.88	0.84	0.86	0.81	0.74	0.72	0.69	0.39	0.47	0.77	0.34	0.23	0.27	0.25	0.30	0.10						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	39.08 0.35 0.00	36.38 0.25 0.00	35.10 0.21 0.00	33.57 0.23 0.00	34.62 0.24 0.00	37.71 0.19 0.00	44.05 0.65 0.00	48.42 0.95 0.00	47.37 0.88 0.00	47.69 0.84 0.00	48.57 0.86 0.00	48.18 0.81 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.44 0.39 0.00	43.61 0.47 0.00	46.21 0.77 0.00	43.09 0.34 0.00	38.81 0.23 0.00	38.55 0.27 0.00	35.60 0.25 0.00	33.12 0.30 0.00	32.88 0.10 0.00
ALBANY___3 23573	39.08 0.35 0.00	36.38 0.25 0.00	35.10 0.21 0.00	33.57 0.23 0.00	34.62 0.24 0.00	37.71 0.19 0.00	44.05 0.65 0.00	48.42 0.95 0.00	47.37 0.88 0.00	47.69 0.84 0.00	48.57 0.86 0.00	48.18 0.81 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.44 0.39 0.00	43.61 0.47 0.00	46.21 0.77 0.00	43.09 0.34 0.00	38.81 0.23 0.00	38.55 0.27 0.00	35.60 0.25 0.00	33.12 0.30 0.00	32.88 0.10 0.00
ALBANY___4 23574	39.08 0.35 0.00	36.38 0.25 0.00	35.10 0.21 0.00	33.57 0.23 0.00	34.62 0.24 0.00	37.71 0.19 0.00	44.05 0.65 0.00	48.42 0.95 0.00	47.37 0.88 0.00	47.69 0.84 0.00	48.57 0.86 0.00	48.18 0.81 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.44 0.39 0.00	43.61 0.47 0.00	46.21 0.77 0.00	43.09 0.34 0.00	38.81 0.23 0.00	38.55 0.27 0.00	35.60 0.25 0.00	33.12 0.30 0.00	32.88 0.10 0.00
ALBANY___LFGE 323615	39.43 0.70 0.00	36.71 0.58 0.00	35.45 0.56 0.00	33.86 0.53 0.00	34.93 0.55 0.00	38.09 0.56 0.00	44.57 1.17 0.00	48.94 1.47 0.00	47.98 1.49 0.00	48.30 1.45 0.00	49.19 1.48 0.00	48.79 1.42 0.00	47.61 1.29 0.00	46.29 1.26 0.00	44.21 1.20 0.00	44.25 1.20 0.00	44.30 1.17 0.00	46.70 1.27 0.00	43.60 0.85 0.00	39.23 0.66 0.00	38.97 0.69 0.00	35.99 0.64 0.00	33.41 0.59 0.00	33.21 0.43 0.00
ALCOA_PA_115KV_PL-6C 55860	39.35 0.62 0.00	36.71 0.58 0.00	35.66 0.77 0.00	34.07 0.73 0.00	35.06 0.69 0.00	37.94 0.41 0.00	43.61 0.22 0.00	47.32 -0.14 0.00	46.35 -0.14 0.00	46.84 0.00 0.00	47.76 0.05 0.00	47.42 0.05 0.00	46.36 0.05 0.00	45.07 0.05 0.00	43.14 0.13 0.00	43.52 0.47 0.00	43.31 0.17 0.00	45.25 -0.18 0.00	43.05 0.30 0.00	38.96 0.39 0.00	38.63 0.34 0.00	35.85 0.49 0.00	33.41 0.59 0.00	33.44 0.66 0.00
ALCOA_RYNLDS___DRP 24188	39.35 0.62 0.00	36.71 0.58 0.00	35.66 0.77 0.00	34.07 0.73 0.00	35.06 0.69 0.00	37.94 0.41 0.00	43.61 0.22 0.00	47.32 -0.14 0.00	46.35 -0.14 0.00	46.84 0.00 0.00	47.76 0.05 0.00	47.42 0.05 0.00	46.36 0.05 0.00	45.07 0.05 0.00	43.14 0.13 0.00	43.52 0.47 0.00	43.31 0.17 0.00	45.25 -0.18 0.00	43.05 0.30 0.00	38.96 0.39 0.00	38.63 0.34 0.00	35.85 0.49 0.00	33.41 0.59 0.00	33.44 0.66 0.00
ALCOA___DSASP 323711	39.35 0.62 0.00	36.71 0.58 0.00	35.59 0.70 0.00	34.06 0.73 0.00	35.06 0.69 0.00	37.94 0.41 0.00	43.31 -0.09 0.00	47.18 -0.28 0.00	46.21 -0.28 0.00	46.70 -0.14 0.00	47.66 -0.05 0.00	47.28 -0.09 0.00	46.36 0.05 0.00	45.07 0.05 0.00	43.14 0.13 0.00	43.09 0.04 0.00	43.05 -0.09 0.00	45.25 -0.18 0.00	43.05 0.30 0.00	38.96 0.39 0.00	38.62 0.34 0.00	35.71 0.35 0.00	33.41 0.59 0.00	33.44 0.66 0.00
ALLEGHENY___COGEN 23514	37.64 -1.08 0.00	35.55 -0.58 0.00	34.23 -0.66 0.00	32.67 -0.67 0.00	33.76 -0.62 0.00	37.27 -0.26 0.00	43.09 -0.30 0.00	47.04 -0.43 0.00	46.03 -0.46 0.00	45.95 -0.89 0.00	46.33 -1.39 0.00	46.28 -1.09 0.00	45.29 -1.02 0.00	44.08 -0.95 0.00	41.97 -1.03 0.00	42.45 -0.60 0.00	43.10 -0.04 0.00	45.39 -0.05 0.00	42.50 -0.25 0.00	38.00 -0.58 0.00	37.71 -0.57 0.00	34.72 -0.64 0.00	33.38 0.56 0.00	33.63 0.85 0.00
ALTAMONT_115KV_TB 2 55880	39.54 0.81 0.00	36.82 0.69 0.00	35.55 0.66 0.00	33.97 0.63 0.00	35.03 0.65 0.00	38.24 0.71 0.00	44.52 1.13 0.00	48.94 1.47 0.00	47.98 1.49 0.00	48.25 1.41 0.00	49.14 1.43 0.00	48.75 1.37 0.00	47.65 1.34 0.00	46.33 1.31 0.00	44.25 1.25 0.00	44.00 0.95 0.00	44.17 1.04 0.00	46.75 1.32 0.00	43.69 0.94 0.00	39.35 0.77 0.00	39.05 0.77 0.00	36.06 0.71 0.00	33.51 0.69 0.00	33.34 0.56 0.00
ALTONA_WT_PWR 323606	40.16 1.43 0.00	37.54 1.41 0.00	36.25 1.36 0.00	34.70 1.37 0.00	35.75 1.38 0.00	38.95 1.43 0.00	44.48 1.09 0.00	47.94 0.47 0.00	46.86 0.37 0.00	47.41 0.56 0.00	48.43 0.72 0.00	48.08 0.71 0.00	47.84 1.53 0.00	46.47 1.44 0.00	44.47 1.46 0.00	44.47 1.42 0.00	44.43 1.29 0.00	46.84 1.41 0.00	44.46 1.71 0.00	40.12 1.54 0.00	39.66 1.38 0.00	36.59 1.24 0.00	34.07 1.25 0.00	34.49 1.70 0.00
AMERICAN_REF_FUEL 24010	35.44 -3.29 0.00	33.67 -2.46 0.00	32.48 -2.41 0.00	31.06 -2.27 0.00	32.04 -2.34 0.00	35.28 -2.25 0.00	40.19 -3.21 0.00	43.15 -4.32 0.00	42.40 -4.09 0.00	42.49 -4.36 0.00	42.89 -4.82 0.00	42.78 -4.59 0.00	41.96 -4.36 0.00	40.89 -4.14 0.00	38.75 -4.26 0.00	39.05 -4.00 0.00	39.39 -3.75 0.00	41.34 -4.09 0.00	38.60 -4.15 0.00	34.64 -3.93 0.00	34.42 -3.86 0.00	31.96 -3.39 0.00	30.13 -2.69 0.00	30.68 -2.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.87 -1.86 0.00	34.87 -1.27 0.00	33.60 -1.29 0.00	32.23 -1.10 0.00	33.31 -1.07 0.00	36.81 -0.71 0.00	42.27 -1.13 0.00	45.62 -1.85 0.00	44.82 -1.67 0.00	45.02 -1.83 0.00	45.42 -2.29 0.00	45.38 -1.99 0.00	44.46 -1.85 0.00	43.23 -1.80 0.00	40.86 -2.15 0.00	41.16 -1.89 0.00	41.37 -1.77 0.00	43.44 -2.00 0.00	40.40 -2.35 0.00	36.14 -2.43 0.00	35.83 -2.45 0.00	33.13 -2.23 0.00	31.08 -1.74 0.00	31.73 -1.05 0.00
ARTHUR KILL_GT_1 23520	40.32 1.59 0.00	37.14 1.01 0.00	35.90 1.01 0.00	34.26 0.93 0.00	35.41 1.03 0.00	38.50 0.97 0.00	45.39 2.00 0.00	50.12 2.66 0.00	49.28 2.79 0.00	49.79 2.95 0.00	50.90 3.20 0.00	50.44 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.63 2.62 0.00	45.76 2.71 0.00	46.28 3.15 0.01	48.88 3.45 0.00	45.49 2.74 0.00	40.62 2.04 0.00	55.72 2.18 -15.26	37.30 1.94 0.00	34.26 1.44 0.00	34.10 1.31 0.00
ARTHUR_KILL_2 23512	40.24 1.51 0.00	37.04 0.90 0.00	35.83 0.94 0.00	34.17 0.83 0.00	35.31 0.93 0.00	38.43 0.90 0.00	45.30 1.91 0.00	49.98 2.51 0.00	49.14 2.65 0.00	49.65 2.81 0.00	50.76 3.06 0.00	50.31 2.94 0.00	49.08 2.78 0.00	47.73 2.70 0.00	45.54 2.54 0.00	45.63 2.58 0.00	46.15 3.02 0.01	48.75 3.31 0.00	45.36 2.61 0.00	40.50 1.93 0.00	55.60 2.07 -15.26	37.16 1.80 0.00	34.17 1.35 0.00	34.00 1.21 0.00
ARTHUR_KILL_3 23513	40.31 1.59 0.01	37.25 1.12 0.01	36.00 1.12 0.01	34.39 1.07 0.01	35.50 1.13 0.01	38.73 1.20 0.00	45.65 2.26 0.00	50.17 2.70 0.00	49.28 2.79 0.00	49.70 2.86 0.00	50.72 3.01 0.00	50.31 2.94 0.00	49.09 2.78 0.00	47.69 2.66 0.00	45.55 2.54 0.00	45.63 2.58 0.00	45.99 2.85 0.00	48.48 3.04 0.00	45.06 2.31 0.00	40.43 1.85 0.00	55.61 2.07 -15.26	37.19 1.84 0.00	34.27 1.44 0.00	34.03 1.25 0.00

ARTHUR_KILL_COGEN 323718	40.32 1.59 0.00	37.14 1.01 0.00	35.90 1.01 0.00	34.26 0.93 0.00	35.41 1.03 0.00	38.50 0.97 0.00	45.39 2.00 0.00	50.12 2.66 0.00	49.28 2.79 0.00	49.79 2.95 0.00	50.90 3.20 0.00	50.44 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.63 2.62 0.00	45.76 2.71 0.00	46.28 3.15 0.01	48.88 3.45 0.00	45.49 2.74 0.00	40.62 2.04 0.00	55.72 2.18 -15.26	37.30 1.94 0.00	34.26 1.44 0.00	34.10 1.31 0.00
ASHOKAN____ 23654	40.39 1.66 0.00	37.54 1.41 0.00	36.25 1.36 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.76 1.24 0.00	45.39 2.00 0.00	49.79 2.33 0.00	48.86 2.37 0.00	48.90 2.06 0.00	49.67 1.96 0.00	49.03 1.66 0.00	47.79 1.48 0.00	46.34 1.31 0.00	44.30 1.29 0.00	44.60 1.55 0.00	44.78 1.64 0.00	47.52 2.09 0.00	44.46 1.71 0.00	39.73 1.16 0.00	39.51 1.22 0.00	36.45 1.10 0.00	34.00 1.18 0.00	33.86 1.08 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.31 1.59 0.01	37.21 1.08 0.01	35.93 1.05 0.01	34.29 0.97 0.01	35.44 1.07 0.01	38.64 1.12 0.01	45.56 2.17 0.01	50.26 2.80 0.01	49.41 2.93 0.01	49.88 3.04 0.01	50.99 3.29 0.01	50.54 3.17 0.01	49.31 3.01 0.01	47.91 2.88 0.01	45.75 2.75 0.01	45.84 2.80 0.01	46.28 3.15 0.01	48.83 3.41 0.01	45.35 2.61 0.01	40.61 2.04 0.01	40.49 2.22 0.01	37.25 1.91 0.01	34.25 1.44 0.01	34.05 1.28 0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.31 1.59 0.01	37.21 1.08 0.01	35.93 1.05 0.01	34.29 0.97 0.01	35.44 1.07 0.01	38.64 1.12 0.01	45.56 2.17 0.01	50.26 2.80 0.01	49.41 2.93 0.01	49.88 3.04 0.01	50.99 3.29 0.01	50.54 3.17 0.01	49.31 3.01 0.01	47.91 2.88 0.01	45.75 2.75 0.01	45.84 2.80 0.01	46.28 3.15 0.01	48.83 3.41 0.01	45.35 2.61 0.01	40.61 2.04 0.01	40.49 2.22 0.01	37.25 1.91 0.01	34.25 1.44 0.01	34.05 1.28 0.01
ASTORIA_GT2_1 24094	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT2_2 24095	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT2_3 24096	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT2_4 24097	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT3_1 24098	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT3_2 24099	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT3_3 24100	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT3_4 24101	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT4_1 24102	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT4_2 24103	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT4_3 24104	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00

ASTORIA_GT4_4 24105	40.32 1.59 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.52 2.13 0.00	50.22 2.75 0.00	49.37 2.88 0.00	49.84 3.00 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.26 1.91 0.00	34.30 1.48 0.00	34.09 1.31 0.00
ASTORIA_GT_1 23523	40.38 1.66 0.01	37.25 1.12 0.01	36.00 1.12 0.01	34.36 1.03 0.01	35.47 1.10 0.01	38.72 1.20 0.01	45.64 2.26 0.01	50.36 2.90 0.01	49.50 3.02 0.01	50.02 3.19 0.01	51.09 3.39 0.01	50.63 3.27 0.01	49.45 3.15 0.01	48.04 3.02 0.01	45.84 2.84 0.01	45.93 2.88 0.01	46.41 3.28 0.01	48.92 3.50 0.01	45.48 2.74 0.01	40.72 2.16 0.01	40.57 2.30 0.01	37.32 1.98 0.01	34.36 1.54 0.01	34.12 1.34 0.01
ASTORIA_GT_10 24110	40.47 1.74 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.84 2.84 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.70 2.12 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.19 1.41 0.00
ASTORIA_GT_11 24225	40.47 1.74 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.84 2.84 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.70 2.12 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.19 1.41 0.00
ASTORIA_GT_12 24226	40.47 1.74 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.84 2.84 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.70 2.12 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.19 1.41 0.00
ASTORIA_GT_13 24227	40.47 1.74 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.84 2.84 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.70 2.12 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.19 1.41 0.00
ASTORIA_GT_5 24106	40.39 1.67 0.00	37.25 1.12 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.69 1.16 0.00	45.61 2.21 0.00	50.32 2.85 0.00	49.47 2.98 0.00	49.94 3.09 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.46 2.41 0.00	46.07 2.93 0.00	48.93 3.50 0.00	45.40 2.65 0.00	40.73 2.16 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.36 1.54 0.00	34.13 1.34 0.00
ASTORIA_GT_7 24107	40.39 1.67 0.00	37.25 1.12 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.69 1.16 0.00	45.61 2.21 0.00	50.32 2.85 0.00	49.47 2.98 0.00	49.94 3.09 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.46 2.41 0.00	46.07 2.93 0.00	48.93 3.50 0.00	45.40 2.65 0.00	40.73 2.16 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.36 1.54 0.00	34.13 1.34 0.00
ASTORIA_GT_8 24108	40.39 1.67 0.00	37.25 1.12 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.69 1.16 0.00	45.61 2.21 0.00	50.32 2.85 0.00	49.47 2.98 0.00	49.94 3.09 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.46 2.41 0.00	46.07 2.93 0.00	48.93 3.50 0.00	45.40 2.65 0.00	40.73 2.16 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.36 1.54 0.00	34.13 1.34 0.00
ASTORIA___2 24149	40.31 1.59 0.01	37.21 1.08 0.01	35.96 1.08 0.01	34.32 1.00 0.01	35.44 1.07 0.01	38.64 1.12 0.01	45.56 2.17 0.01	50.26 2.80 0.01	49.41 2.93 0.01	49.93 3.09 0.01	50.99 3.29 0.01	50.54 3.17 0.01	49.36 3.06 0.01	47.95 2.93 0.01	45.75 2.75 0.01	45.84 2.80 0.01	46.32 3.19 0.01	48.83 3.41 0.01	45.39 2.65 0.01	40.65 2.08 0.01	40.49 2.22 0.01	37.29 1.94 0.01	34.29 1.48 0.01	34.09 1.31 0.01
ASTORIA___3 23516	40.47 1.74 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.74 2.34 0.00	50.41 2.94 0.00	49.56 3.07 0.00	50.03 3.19 0.00	51.10 3.39 0.00	50.69 3.31 0.00	49.46 3.15 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	46.38 3.24 0.00	48.93 3.50 0.00	45.44 2.69 0.00	40.69 2.12 0.00	40.58 2.30 0.00	37.37 2.01 0.00	34.40 1.58 0.00	34.19 1.41 0.00
ASTORIA___4 23517	40.47 1.74 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.84 2.84 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.70 2.12 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.19 1.41 0.00
ASTORIA___5 23518	40.47 1.74 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.74 2.34 0.00	50.41 2.94 0.00	49.56 3.07 0.00	50.03 3.19 0.00	51.10 3.39 0.00	50.69 3.31 0.00	49.46 3.15 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	46.38 3.24 0.00	48.93 3.50 0.00	45.44 2.69 0.00	40.69 2.12 0.00	40.58 2.30 0.00	37.37 2.01 0.00	34.40 1.58 0.00	34.19 1.41 0.00
AST_ENERGY_2_CC3 323677	40.43 1.70 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.74 2.34 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.16 3.02 0.00	48.66 3.23 0.00	45.23 2.48 0.00	40.54 1.97 0.00	40.42 2.14 0.00	37.26 1.91 0.00	34.33 1.51 0.00	34.13 1.34 0.00
AST_ENERGY_2_CC4 323678	40.43 1.70 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.74 2.34 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.16 3.02 0.00	48.66 3.23 0.00	45.23 2.48 0.00	40.54 1.97 0.00	40.42 2.14 0.00	37.26 1.91 0.00	34.33 1.51 0.00	34.13 1.34 0.00

ATHENS_STG_1 23668	39.81 1.08 0.00	37.04 0.90 0.00	35.76 0.87 0.00	34.17 0.83 0.00	35.24 0.86 0.00	38.46 0.94 0.00	44.96 1.56 0.00	49.37 1.90 0.00	48.40 1.91 0.00	48.77 1.92 0.00	49.67 1.96 0.00	49.27 1.90 0.00	48.07 1.76 0.00	46.74 1.71 0.00	44.64 1.63 0.00	44.68 1.64 0.00	44.82 1.68 0.00	47.25 1.82 0.00	44.03 1.28 0.00	39.62 1.04 0.00	39.35 1.07 0.00	36.38 1.03 0.00	33.71 0.89 0.00	33.57 0.79 0.00
ATHENS_STG_2 23670	39.81 1.08 0.00	37.04 0.90 0.00	35.76 0.87 0.00	34.17 0.83 0.00	35.24 0.86 0.00	38.46 0.94 0.00	44.96 1.56 0.00	49.37 1.90 0.00	48.40 1.91 0.00	48.77 1.92 0.00	49.67 1.96 0.00	49.27 1.90 0.00	48.07 1.76 0.00	46.74 1.71 0.00	44.64 1.63 0.00	44.68 1.64 0.00	44.82 1.68 0.00	47.25 1.82 0.00	44.03 1.28 0.00	39.62 1.04 0.00	39.35 1.07 0.00	36.38 1.03 0.00	33.71 0.89 0.00	33.57 0.79 0.00
ATHENS_STG_3 23677	39.81 1.08 0.00	37.04 0.90 0.00	35.76 0.87 0.00	34.17 0.83 0.00	35.24 0.86 0.00	38.46 0.94 0.00	44.96 1.56 0.00	49.37 1.90 0.00	48.40 1.91 0.00	48.77 1.92 0.00	49.67 1.96 0.00	49.27 1.90 0.00	48.07 1.76 0.00	46.74 1.71 0.00	44.64 1.63 0.00	44.68 1.64 0.00	44.82 1.68 0.00	47.25 1.82 0.00	44.03 1.28 0.00	39.62 1.04 0.00	39.35 1.07 0.00	36.38 1.03 0.00	33.71 0.89 0.00	33.57 0.79 0.00
AUBURN___LFGE 323710	38.38 -0.35 0.00	35.92 -0.22 0.00	34.61 -0.28 0.00	33.10 -0.23 0.00	34.17 -0.21 0.00	37.49 -0.04 0.00	43.31 -0.09 0.00	47.75 0.28 0.00	46.72 0.23 0.00	47.08 0.23 0.00	47.85 0.14 0.00	47.61 0.24 0.00	46.59 0.28 0.00	45.25 0.23 0.00	43.14 0.13 0.00	43.05 0.00 0.00	43.27 0.13 0.00	45.66 0.23 0.00	42.84 0.09 0.00	38.54 -0.04 0.00	38.24 -0.04 0.00	35.21 -0.14 0.00	32.66 -0.16 0.00	32.69 -0.10 0.00
BABYLON_RES_REC 323704	47.15 2.94 -5.48	43.04 2.46 -4.45	41.24 2.41 -3.95	40.95 2.27 -5.35	44.14 2.41 -7.35	46.86 2.66 -6.67	51.37 3.95 -4.03	54.02 4.22 -2.33	54.08 4.19 -3.40	51.06 4.22 0.00	53.80 4.20 -1.89	51.40 4.02 0.00	50.11 3.80 0.00	49.22 3.69 -0.50	47.06 3.61 -0.44	47.01 3.66 -0.31	51.61 3.80 -4.67	59.92 4.00 -10.49	56.03 3.21 -10.07	49.75 2.74 -8.43	43.88 3.14 -2.46	42.27 2.83 -4.08	41.04 2.43 -5.79	39.62 2.26 -4.58
BABYLON___69_KV_BK2 356345	47.62 3.41 -5.48	43.47 2.89 -4.45	41.63 2.79 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.31 3.11 -6.67	51.85 4.43 -4.03	54.97 5.17 -2.33	55.05 5.16 -3.40	51.77 4.92 0.00	54.75 5.15 -1.89	52.30 4.93 0.00	51.04 4.72 0.00	50.21 4.68 -0.50	47.97 4.52 -0.44	47.49 4.13 -0.31	52.30 4.49 -4.67	60.97 5.04 -10.49	57.01 4.19 -10.07	50.60 3.59 -8.44	44.46 3.71 -2.46	42.72 3.29 -4.08	41.50 2.89 -5.79	40.05 2.69 -4.58
BALL_HILL_WT_PWR 323825	36.83 -1.90 0.00	34.87 -1.27 0.00	33.64 -1.25 0.00	32.16 -1.17 0.00	33.24 -1.13 0.00	36.63 -0.90 0.00	41.92 -1.48 0.00	45.19 -2.28 0.00	44.35 -2.14 0.00	44.50 -2.34 0.00	44.94 -2.77 0.00	44.86 -2.51 0.00	44.00 -2.31 0.00	42.82 -2.21 0.00	40.56 -2.45 0.00	40.86 -2.19 0.00	41.16 -1.98 0.00	43.25 -2.18 0.00	40.31 -2.44 0.00	36.14 -2.43 0.00	35.83 -2.45 0.00	33.20 -2.16 0.00	31.15 -1.67 0.00	31.73 -1.05 0.00
BARON_WINDS___WT_PWR 323822	37.80 -0.93 0.00	35.59 -0.54 0.00	34.33 -0.56 0.00	32.80 -0.53 0.00	33.90 -0.48 0.00	37.30 -0.22 0.00	43.05 -0.35 0.00	46.76 -0.71 0.00	45.80 -0.70 0.00	46.00 -0.84 0.00	46.62 -1.10 0.00	46.47 -0.90 0.00	45.48 -0.83 0.00	44.22 -0.81 0.00	42.02 -0.99 0.00	42.23 -0.82 0.00	42.45 -0.69 0.00	44.62 -0.82 0.00	41.72 -1.03 0.00	37.34 -1.24 0.00	36.98 -1.30 0.00	34.19 -1.17 0.00	31.90 -0.92 0.00	32.29 -0.49 0.00
BARRETT_IC_1 23704	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_10 23701	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_11 23702	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_12 23703	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_2 23705	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_3 23706	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_4 23707	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58

BARRETT_IC_5 23708	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_6 23709	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_7 23710	46.34 2.13 -5.48	42.46 1.88 -4.45	40.69 1.85 -3.95	40.45 1.77 -5.35	43.48 1.75 -7.35	45.96 1.76 -6.67	50.16 2.73 -4.03	53.06 3.28 -2.32	53.19 3.30 -3.40	50.08 3.23 0.00	53.13 3.53 -1.89	50.69 3.32 0.00	49.55 3.24 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	45.98 2.63 -0.31	50.83 3.02 -4.67	59.47 3.54 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.81 -5.79	39.10 1.74 -4.58
BARRETT_IC_8 23711	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT_IC_9 23700	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT___1 23545	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BARRETT___2 23546	46.34 2.13 -5.48	42.46 1.88 -4.45	40.72 1.88 -3.95	40.44 1.77 -5.35	43.48 1.75 -7.35	45.99 1.80 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.18 3.58 -1.89	50.83 3.46 0.00	49.60 3.29 0.00	48.72 3.20 -0.50	46.46 3.01 -0.44	46.41 3.06 -0.31	51.09 3.28 -4.67	59.47 3.55 -10.49	55.60 2.78 -10.07	49.28 2.28 -8.43	43.12 2.37 -2.46	41.56 2.12 -4.08	40.42 1.80 -5.79	39.10 1.74 -4.58
BATAVIA__115KV_TB1 55881	37.02 -1.70 0.00	35.12 -1.01 0.00	33.84 -1.05 0.00	32.37 -0.97 0.00	33.38 -1.00 0.00	36.78 -0.75 0.00	41.05 -2.34 0.00	45.52 -1.95 0.00	44.54 -1.95 0.00	44.88 -1.97 0.00	45.13 -2.58 0.00	45.00 -2.37 0.00	44.18 -2.13 0.00	42.96 -2.07 0.00	40.81 -2.19 0.00	40.90 -2.15 0.00	41.63 -1.51 0.00	43.75 -1.68 0.00	40.87 -1.88 0.00	36.65 -1.93 0.00	36.40 -1.88 0.00	33.76 -1.59 0.00	31.67 -1.15 0.00	32.09 -0.69 0.00
BAYONEEC___CTG1 323682	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG10 323750	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG2 323683	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG3 323684	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG4 323685	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG5 323686	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG6 323687	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00

BAYONEEC___CTG7 323688	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG8 323689	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BAYONEEC___CTG9 323749	40.47 1.74 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.88 1.35 0.00	45.78 2.39 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.86 3.15 0.00	50.45 3.08 0.00	49.23 2.92 0.00	47.82 2.79 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.11 2.97 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.36 1.54 0.00	34.16 1.38 0.00
BEACON___LESR 323632	39.85 1.12 0.00	37.07 0.94 0.00	35.80 0.91 0.00	34.20 0.87 0.00	35.27 0.89 0.00	38.46 0.94 0.00	45.04 1.65 0.00	49.55 2.09 0.00	48.59 2.09 0.00	48.90 2.06 0.00	49.81 2.10 0.00	49.41 2.04 0.00	48.12 1.80 0.00	46.74 1.71 0.00	44.64 1.63 0.00	44.73 1.68 0.00	44.82 1.68 0.00	47.25 1.82 0.00	44.08 1.33 0.00	39.65 1.08 0.00	39.39 1.11 0.00	36.38 1.03 0.00	33.77 0.95 0.00	33.50 0.72 0.00
BEAVER RIVER___HYD 24048	38.88 0.16 0.00	36.28 0.15 0.00	34.99 0.10 0.00	33.47 0.13 0.00	34.45 0.07 0.00	37.56 0.04 0.00	43.53 0.13 0.00	47.99 0.52 0.00	46.86 0.37 0.00	47.50 0.66 0.00	48.29 0.57 0.00	47.89 0.52 0.00	46.77 0.46 0.00	45.71 0.68 0.00	43.61 0.60 0.00	43.65 0.60 0.00	43.79 0.65 0.00	46.02 0.59 0.00	43.35 0.60 0.00	39.07 0.50 0.00	38.43 0.15 0.00	35.39 0.04 0.00	32.89 0.07 0.00	32.85 0.07 0.00
BEEBEE_GT_13 23619	37.22 -1.51 0.00	35.12 -1.01 0.00	33.88 -1.01 0.00	32.37 -0.97 0.00	33.38 -1.00 0.00	36.74 -0.79 0.00	41.49 -1.91 0.00	45.85 -1.61 0.00	44.86 -1.63 0.00	45.20 -1.64 0.00	45.66 -2.05 0.00	45.52 -1.85 0.00	44.60 -1.71 0.00	43.36 -1.67 0.00	41.29 -1.72 0.00	41.28 -1.77 0.00	41.89 -1.25 0.00	44.07 -1.36 0.00	41.25 -1.50 0.00	37.07 -1.50 0.00	36.83 -1.45 0.00	34.01 -1.34 0.00	31.77 -1.05 0.00	32.03 -0.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.66 1.94 0.00	37.50 1.37 0.00	36.25 1.36 0.00	34.57 1.23 0.00	35.72 1.34 0.00	38.91 1.39 0.00	45.87 2.47 0.00	50.65 3.18 0.00	49.84 3.35 0.00	50.31 3.47 0.00	51.43 3.72 0.00	50.97 3.60 0.00	49.83 3.52 0.00	48.45 3.42 0.00	46.19 3.18 0.00	45.80 2.76 0.00	46.46 3.32 0.00	49.34 3.91 0.00	45.79 3.04 0.00	41.08 2.51 0.00	56.26 2.72 -15.26	37.65 2.30 0.00	34.66 1.84 0.00	34.42 1.64 0.00
BETHLEHEM___GRP 23843	39.08 0.35 0.00	36.38 0.25 0.00	35.10 0.21 0.00	33.57 0.23 0.00	34.62 0.24 0.00	37.71 0.19 0.00	44.05 0.65 0.00	48.42 0.95 0.00	47.37 0.88 0.00	47.69 0.84 0.00	48.57 0.86 0.00	48.18 0.81 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.44 0.39 0.00	43.61 0.47 0.00	46.21 0.77 0.00	43.09 0.34 0.00	38.81 0.23 0.00	38.55 0.27 0.00	35.60 0.25 0.00	33.12 0.30 0.00	32.88 0.10 0.00
BETHLEHEM___GS1 323560	39.08 0.35 0.00	36.39 0.25 0.00	35.14 0.25 0.00	33.57 0.23 0.00	34.62 0.24 0.00	37.71 0.19 0.00	44.09 0.69 0.00	48.42 0.95 0.00	47.42 0.93 0.00	47.73 0.89 0.00	48.61 0.90 0.00	48.23 0.85 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.78 0.73 0.00	43.83 0.69 0.00	46.20 0.77 0.00	43.13 0.38 0.00	38.81 0.23 0.00	38.55 0.27 0.00	35.63 0.28 0.00	33.11 0.29 0.00	32.88 0.10 0.00
BETHLEHEM___GS2 323561	39.08 0.35 0.00	36.39 0.25 0.00	35.14 0.25 0.00	33.57 0.23 0.00	34.62 0.24 0.00	37.71 0.19 0.00	44.09 0.69 0.00	48.42 0.95 0.00	47.42 0.93 0.00	47.73 0.89 0.00	48.61 0.90 0.00	48.23 0.85 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.78 0.73 0.00	43.83 0.69 0.00	46.20 0.77 0.00	43.13 0.38 0.00	38.81 0.23 0.00	38.55 0.27 0.00	35.63 0.28 0.00	33.11 0.29 0.00	32.88 0.10 0.00
BETHLEHEM___GS3 323562	39.08 0.35 0.00	36.39 0.25 0.00	35.14 0.25 0.00	33.57 0.23 0.00	34.62 0.24 0.00	37.71 0.19 0.00	44.09 0.69 0.00	48.42 0.95 0.00	47.42 0.93 0.00	47.73 0.89 0.00	48.61 0.90 0.00	48.23 0.85 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.78 0.73 0.00	43.83 0.69 0.00	46.20 0.77 0.00	43.13 0.38 0.00	38.81 0.23 0.00	38.55 0.27 0.00	35.63 0.28 0.00	33.11 0.29 0.00	32.88 0.10 0.00
BETHLEHEM___STEEL 23779	36.75 -1.98 0.00	34.83 -1.30 0.00	33.56 -1.33 0.00	32.10 -1.23 0.00	33.17 -1.20 0.00	36.55 -0.98 0.00	40.62 -2.78 0.00	44.90 -2.56 0.00	43.93 -2.56 0.00	44.31 -2.53 0.00	44.66 -3.05 0.00	44.62 -2.75 0.00	43.86 -2.45 0.00	42.64 -2.39 0.00	40.43 -2.58 0.00	40.38 -2.67 0.00	40.98 -2.16 0.00	43.12 -2.32 0.00	40.23 -2.52 0.00	36.07 -2.51 0.00	35.75 -2.53 0.00	33.13 -2.23 0.00	31.15 -1.67 0.00	31.70 -1.08 0.00
BETHLHEM_115KV_TB1 79974	39.19 0.46 0.00	36.46 0.33 0.00	35.20 0.31 0.00	33.67 0.33 0.00	34.69 0.31 0.00	37.83 0.30 0.00	44.18 0.78 0.00	48.51 1.04 0.00	47.51 1.02 0.00	47.83 0.98 0.00	48.71 1.00 0.00	48.27 0.90 0.00	47.19 0.88 0.00	45.88 0.86 0.00	43.82 0.82 0.00	43.52 0.47 0.00	43.74 0.60 0.00	46.30 0.86 0.00	43.22 0.47 0.00	38.92 0.35 0.00	38.66 0.38 0.00	35.71 0.35 0.00	33.18 0.36 0.00	32.98 0.20 0.00
BETHPAGE_CC_5 323564	46.88 2.67 -5.48	42.78 2.20 -4.45	41.00 2.16 -3.95	40.71 2.03 -5.35	43.90 2.17 -7.35	46.56 2.37 -6.67	50.94 3.51 -4.03	53.92 4.13 -2.32	54.03 4.14 -3.40	51.01 4.17 0.00	53.90 4.30 -1.89	51.49 4.12 0.00	50.25 3.93 0.00	49.35 3.83 -0.50	47.10 3.65 -0.44	47.06 3.70 -0.31	51.74 3.93 -4.67	60.10 4.18 -10.49	56.19 3.38 -10.07	49.82 2.81 -8.43	43.65 2.91 -2.46	42.05 2.62 -4.08	40.85 2.23 -5.79	39.46 2.10 -4.58
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.87 -1.86 0.00	34.94 -1.19 0.00	33.67 -1.22 0.00	32.20 -1.13 0.00	33.28 -1.10 0.00	36.66 -0.86 0.00	40.79 -2.60 0.00	45.09 -2.37 0.00	44.12 -2.37 0.00	44.55 -2.30 0.00	44.85 -2.86 0.00	44.86 -2.51 0.00	44.09 -2.22 0.00	42.82 -2.21 0.00	40.60 -2.41 0.00	40.55 -2.50 0.00	41.15 -1.98 0.00	43.30 -2.14 0.00	40.40 -2.35 0.00	36.22 -2.35 0.00	35.87 -2.41 0.00	33.23 -2.12 0.00	31.24 -1.58 0.00	31.77 -1.02 0.00

BINGHAMTON___COGEN 23790	38.96 0.23 0.00	36.42 0.29 0.00	35.13 0.24 0.00	33.57 0.23 0.00	34.65 0.28 0.00	37.94 0.41 0.00	43.79 0.39 0.00	48.13 0.66 0.00	47.10 0.60 0.00	47.45 0.61 0.00	48.19 0.48 0.00	47.94 0.57 0.00	46.91 0.60 0.00	45.61 0.59 0.00	43.48 0.47 0.00	43.35 0.30 0.00	43.66 0.52 0.00	46.11 0.68 0.00	43.18 0.43 0.00	38.81 0.23 0.00	38.51 0.23 0.00	35.53 0.18 0.00	32.95 0.13 0.00	33.05 0.26 0.00
BIXINCNT_115KV_LOAD 355685	37.06 -1.67 0.00	35.05 -1.08 0.00	33.77 -1.12 0.00	32.33 -1.00 0.00	33.48 -0.89 0.00	36.89 -0.64 0.00	41.27 -2.13 0.00	45.66 -1.80 0.00	44.63 -1.86 0.00	45.11 -1.73 0.00	45.42 -2.29 0.00	45.57 -1.80 0.00	44.83 -1.48 0.00	43.41 -1.62 0.00	41.16 -1.85 0.00	41.03 -2.02 0.00	41.54 -1.60 0.00	43.57 -1.86 0.00	40.53 -2.22 0.00	36.22 -2.35 0.00	35.75 -2.53 0.00	32.91 -2.44 0.00	30.98 -1.84 0.00	31.60 -1.18 0.00
BLACK RIVER___HYD 24047	38.96 0.23 0.00	36.39 0.25 0.00	34.99 0.10 0.00	33.50 0.17 0.00	34.48 0.10 0.00	37.75 0.23 0.00	43.83 0.43 0.00	48.51 1.04 0.00	47.33 0.84 0.00	47.92 1.08 0.00	48.71 1.00 0.00	48.27 0.90 0.00	47.15 0.83 0.00	46.11 1.08 0.00	44.00 0.99 0.00	44.04 0.99 0.00	44.22 1.08 0.00	46.61 1.18 0.00	43.82 1.07 0.00	39.46 0.89 0.00	38.89 0.61 0.00	35.78 0.43 0.00	33.11 0.29 0.00	33.08 0.29 0.00
BLACKRVR_115KV_TB2 79977	38.96 0.23 0.00	36.38 0.25 0.00	35.03 0.14 0.00	33.50 0.17 0.00	34.48 0.10 0.00	37.75 0.23 0.00	43.74 0.35 0.00	48.51 1.04 0.00	47.33 0.84 0.00	47.92 1.08 0.00	48.71 1.00 0.00	48.27 0.90 0.00	47.14 0.83 0.00	46.11 1.08 0.00	44.00 0.99 0.00	44.00 0.95 0.00	44.22 1.08 0.00	46.61 1.18 0.00	43.82 1.07 0.00	39.50 0.93 0.00	38.89 0.61 0.00	35.81 0.46 0.00	33.12 0.30 0.00	33.08 0.30 0.00
BLISS_WT_PWR 323608	36.99 -1.74 0.00	34.97 -1.16 0.00	33.67 -1.22 0.00	32.26 -1.07 0.00	33.41 -0.96 0.00	36.81 -0.71 0.00	42.27 -1.13 0.00	45.76 -1.71 0.00	44.86 -1.63 0.00	45.11 -1.73 0.00	45.61 -2.10 0.00	45.67 -1.70 0.00	44.83 -1.48 0.00	43.45 -1.58 0.00	41.16 -1.85 0.00	41.37 -1.68 0.00	41.54 -1.60 0.00	43.48 -1.95 0.00	40.40 -2.35 0.00	36.07 -2.51 0.00	35.56 -2.72 0.00	32.70 -2.65 0.00	30.82 -2.00 0.00	31.44 -1.35 0.00
BLUESTONE___WT_PWR 323821	41.17 2.44 0.00	38.48 2.35 0.00	36.95 2.06 0.00	35.37 2.03 0.00	36.44 2.06 0.00	40.08 2.55 0.00	46.87 3.47 0.00	51.65 4.18 0.00	50.35 3.86 0.00	50.73 3.89 0.00	51.57 3.86 0.00	51.35 3.98 0.00	50.06 3.75 0.00	48.94 3.92 0.00	46.53 3.53 0.00	46.49 3.45 0.00	46.76 3.62 0.00	49.29 3.86 0.00	46.21 3.46 0.00	41.50 2.93 0.00	41.11 2.83 0.00	37.76 2.41 0.00	34.89 2.07 0.00	34.91 2.13 0.00
BLUE_CIRC_CHEM_DRP 24182	39.70 0.97 0.00	37.00 0.87 0.00	35.69 0.80 0.00	34.10 0.77 0.00	35.17 0.79 0.00	38.35 0.83 0.00	44.65 1.26 0.00	49.03 1.57 0.00	48.03 1.53 0.00	48.34 1.50 0.00	49.24 1.53 0.00	48.84 1.47 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.04 0.99 0.00	44.22 1.08 0.00	46.80 1.36 0.00	43.73 0.98 0.00	39.38 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.61 0.79 0.00	33.44 0.66 0.00
BOC_GAS_DRP 24189	39.39 0.66 0.00	36.71 0.58 0.00	35.45 0.56 0.00	33.87 0.53 0.00	34.93 0.55 0.00	38.09 0.56 0.00	44.39 1.00 0.00	48.75 1.28 0.00	47.75 1.26 0.00	48.06 1.22 0.00	48.95 1.24 0.00	48.56 1.18 0.00	47.47 1.16 0.00	46.15 1.13 0.00	44.08 1.08 0.00	43.82 0.77 0.00	44.04 0.91 0.00	46.57 1.14 0.00	43.52 0.77 0.00	39.19 0.62 0.00	38.89 0.61 0.00	35.95 0.60 0.00	33.38 0.56 0.00	33.24 0.46 0.00
BOONVILLE_115KV_TB1 79983	39.62 0.89 0.00	36.96 0.83 0.00	35.62 0.73 0.00	34.07 0.73 0.00	35.10 0.72 0.00	38.43 0.90 0.00	44.61 1.22 0.00	49.18 1.71 0.00	48.07 1.58 0.00	48.58 1.73 0.00	49.43 1.72 0.00	49.08 1.71 0.00	47.93 1.62 0.00	46.74 1.71 0.00	44.55 1.55 0.00	44.47 1.42 0.00	44.65 1.51 0.00	47.07 1.64 0.00	44.16 1.41 0.00	39.77 1.20 0.00	39.28 1.00 0.00	36.17 0.81 0.00	33.51 0.69 0.00	33.47 0.69 0.00
BORALEX_4TH_BRANCH 23824	40.43 1.70 0.00	37.83 1.70 0.00	36.53 1.64 0.00	34.90 1.57 0.00	36.03 1.65 0.00	39.33 1.80 0.00	45.91 2.52 0.00	50.51 3.04 0.00	49.51 3.02 0.00	49.75 2.90 0.00	50.57 2.86 0.00	50.12 2.75 0.00	48.95 2.64 0.00	47.60 2.57 0.00	45.46 2.45 0.00	44.94 1.89 0.00	45.21 2.07 0.00	48.11 2.68 0.00	44.72 1.97 0.00	40.43 1.85 0.00	39.97 1.68 0.00	37.05 1.70 0.00	34.40 1.58 0.00	34.13 1.34 0.00
BOWLINE___1 23526	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.48 2.08 0.00	49.98 2.51 0.00	48.86 2.37 0.00	49.23 2.39 0.00	50.19 2.48 0.00	49.79 2.41 0.00	48.58 2.27 0.00	47.19 2.16 0.00	45.07 2.06 0.00	45.16 2.11 0.00	45.38 2.24 0.00	47.89 2.45 0.00	44.55 1.80 0.00	39.96 1.39 0.00	39.81 1.53 0.00	36.73 1.38 0.00	33.90 1.08 0.00	33.73 0.95 0.00
BOWLINE___2 23595	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.48 2.08 0.00	49.98 2.51 0.00	48.95 2.46 0.00	49.32 2.48 0.00	50.29 2.57 0.00	49.83 2.46 0.00	48.67 2.36 0.00	47.28 2.25 0.00	45.16 2.15 0.00	45.20 2.15 0.00	45.47 2.33 0.00	47.93 2.50 0.00	44.63 1.88 0.00	40.04 1.47 0.00	39.85 1.57 0.00	36.77 1.42 0.00	33.97 1.15 0.00	33.80 1.02 0.00
BRADY___115KV_TB2 356060	39.66 0.93 0.00	36.96 0.83 0.00	35.90 1.01 0.00	34.33 1.00 0.00	35.31 0.93 0.00	38.16 0.64 0.00	43.87 0.48 0.00	47.70 0.24 0.00	46.72 0.23 0.00	47.27 0.42 0.00	48.24 0.52 0.00	47.85 0.47 0.00	46.73 0.42 0.00	45.52 0.50 0.00	43.57 0.56 0.00	43.95 0.90 0.00	43.70 0.56 0.00	45.62 0.18 0.00	43.43 0.68 0.00	39.31 0.73 0.00	38.93 0.65 0.00	36.13 0.78 0.00	33.71 0.89 0.00	33.77 0.98 0.00
BRANSCOMB___SOLAR 323811	40.05 1.32 0.00	37.36 1.23 0.00	36.01 1.12 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.80 1.28 0.00	45.35 1.95 0.00	49.89 2.42 0.00	49.05 2.56 0.00	49.37 2.53 0.00	50.29 2.57 0.00	49.93 2.56 0.00	48.67 2.36 0.00	47.28 2.25 0.00	45.11 2.11 0.00	45.12 2.07 0.00	45.17 2.03 0.00	47.66 2.23 0.00	44.55 1.80 0.00	40.04 1.47 0.00	39.74 1.45 0.00	36.66 1.31 0.00	34.26 1.44 0.00	34.06 1.28 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.46 3.25 -5.48	43.32 2.75 -4.45	41.49 2.65 -3.95	41.21 2.53 -5.35	44.45 2.72 -7.35	47.16 2.96 -6.67	51.59 4.17 -4.03	54.68 4.89 -2.33	54.77 4.88 -3.40	51.53 4.68 0.00	54.52 4.91 -1.89	52.06 4.69 0.00	50.81 4.49 0.00	50.03 4.50 -0.50	47.79 4.34 -0.44	47.32 3.96 -0.31	52.13 4.31 -4.67	60.74 4.82 -10.49	56.80 3.98 -10.07	50.40 3.39 -8.43	44.27 3.52 -2.46	42.58 3.15 -4.08	41.37 2.76 -5.79	39.95 2.59 -4.58

BRISTLHL_115KV_TB1 79998	37.64 -1.08 0.00	35.19 -0.94 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.63 -0.90 0.00	42.22 -1.17 0.00	46.38 -1.09 0.00	45.42 -1.07 0.00	45.77 -1.08 0.00	46.61 -1.10 0.00	46.33 -1.04 0.00	45.34 -0.97 0.00	44.04 -0.99 0.00	42.02 -0.99 0.00	41.93 -1.12 0.00	42.15 -0.99 0.00	44.43 -1.00 0.00	41.72 -1.03 0.00	37.61 -0.96 0.00	37.32 -0.96 0.00	34.43 -0.92 0.00	31.93 -0.89 0.00	31.93 -0.85 0.00
BROOKHAVEN___DRP 24191	47.54 3.33 -5.48	43.40 2.82 -4.45	41.56 2.72 -3.95	41.35 2.67 -5.35	44.55 2.82 -7.35	47.16 2.96 -6.67	52.00 4.56 -4.04	55.12 5.32 -2.34	55.21 5.30 -3.41	51.82 4.97 -0.02	54.72 5.11 -1.90	52.27 4.88 -0.02	51.00 4.68 -0.02	50.04 4.50 -0.51	47.89 4.43 -0.46	47.51 4.13 -0.32	51.97 4.14 -4.69	60.43 4.50 -10.50	56.55 3.72 -10.08	50.34 3.32 -8.45	44.28 3.52 -2.48	42.65 3.22 -4.08	41.37 2.76 -5.79	39.82 2.46 -4.58
BROOKLYN_NAVY_YARD 23515	40.43 1.70 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.84 1.31 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.00 3.29 0.00	50.55 3.17 0.00	49.37 3.06 0.00	47.95 2.93 0.00	45.76 2.75 0.00	45.85 2.80 0.00	46.29 3.15 0.00	48.80 3.36 0.00	45.36 2.61 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.16 1.38 0.00
BROOKLYN___ARMY_DRP 323595	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
BROOKVLE_69_KV_TB1 55790	46.92 2.71 -5.48	42.82 2.24 -4.45	41.03 2.20 -3.95	40.75 2.07 -5.35	43.93 2.20 -7.35	46.56 2.36 -6.67	50.68 3.25 -4.03	53.68 3.89 -2.32	53.80 3.91 -3.40	50.73 3.89 0.00	53.80 4.20 -1.89	51.40 4.03 0.00	50.25 3.94 0.00	49.40 3.87 -0.50	47.06 3.61 -0.44	46.59 3.23 -0.31	51.39 3.58 -4.67	60.06 4.13 -10.49	56.15 3.33 -10.07	49.78 2.78 -8.43	43.58 2.83 -2.46	42.09 2.65 -4.08	40.91 2.30 -5.79	39.49 2.13 -4.58
BROOME_2_LFGE 323671	38.96 0.23 0.00	36.42 0.29 0.00	35.14 0.25 0.00	33.57 0.23 0.00	34.65 0.27 0.00	37.94 0.41 0.00	44.09 0.69 0.00	48.18 0.71 0.00	47.19 0.70 0.00	47.45 0.61 0.00	48.29 0.57 0.00	47.99 0.61 0.00	46.91 0.60 0.00	45.61 0.58 0.00	43.48 0.47 0.00	43.61 0.56 0.00	43.79 0.65 0.00	46.12 0.68 0.00	43.18 0.43 0.00	38.81 0.23 0.00	38.51 0.23 0.00	35.53 0.18 0.00	32.95 0.13 0.00	33.04 0.26 0.00
BROOME___LFGE 323600	38.96 0.23 0.00	36.42 0.29 0.00	35.14 0.25 0.00	33.57 0.23 0.00	34.65 0.27 0.00	37.94 0.41 0.00	44.09 0.69 0.00	48.18 0.71 0.00	47.19 0.70 0.00	47.45 0.61 0.00	48.29 0.57 0.00	47.99 0.61 0.00	46.91 0.60 0.00	45.61 0.58 0.00	43.48 0.47 0.00	43.61 0.56 0.00	43.79 0.65 0.00	46.12 0.68 0.00	43.18 0.43 0.00	38.81 0.23 0.00	38.51 0.23 0.00	35.53 0.18 0.00	32.95 0.13 0.00	33.04 0.26 0.00
BROWNFLS_115KV_TB_3_5 80003	38.81 0.08 0.00	36.20 0.07 0.00	35.03 0.14 0.00	33.50 0.17 0.00	34.41 0.03 0.00	37.26 -0.26 0.00	43.01 -0.39 0.00	47.13 -0.33 0.00	46.07 -0.42 0.00	46.80 -0.05 0.00	47.66 -0.05 0.00	47.28 -0.09 0.00	46.17 -0.14 0.00	45.03 0.00 0.00	43.01 0.00 0.00	43.22 0.17 0.00	43.18 0.04 0.00	45.12 -0.32 0.00	42.71 -0.04 0.00	38.57 0.00 0.00	38.01 -0.27 0.00	35.28 -0.07 0.00	32.85 0.03 0.00	32.91 0.13 0.00
BROWNSV1_27_KV_LOAD 356125	40.82 2.09 0.00	37.72 1.59 0.00	36.46 1.57 0.00	34.80 1.47 0.00	35.92 1.55 0.00	39.18 1.65 0.00	46.09 2.69 0.00	50.79 3.32 0.00	49.89 3.39 0.00	50.31 3.47 0.00	51.38 3.67 0.00	50.97 3.60 0.00	49.78 3.47 0.00	48.41 3.38 0.00	46.19 3.18 0.00	45.85 2.80 0.00	46.42 3.28 0.00	49.25 3.82 0.00	45.79 3.04 0.00	41.04 2.47 0.00	40.92 2.64 0.00	37.69 2.33 0.00	34.72 1.90 0.00	34.52 1.74 0.00
BURROWS___LYONSDAL 23803	39.50 0.77 0.00	36.85 0.72 0.00	35.52 0.63 0.00	33.97 0.63 0.00	35.00 0.62 0.00	38.28 0.75 0.00	44.44 1.04 0.00	48.99 1.52 0.00	47.89 1.39 0.00	48.39 1.55 0.00	49.24 1.53 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.56 1.53 0.00	44.38 1.38 0.00	44.34 1.29 0.00	44.52 1.38 0.00	46.89 1.45 0.00	44.03 1.28 0.00	39.65 1.08 0.00	39.08 0.80 0.00	35.99 0.64 0.00	33.35 0.53 0.00	33.31 0.52 0.00
CAITHNESS_CC_1 323624	47.42 3.21 -5.48	43.29 2.71 -4.45	41.42 2.58 -3.95	41.21 2.53 -5.35	44.41 2.68 -7.35	47.04 2.85 -6.67	51.91 4.47 -4.04	54.98 5.17 -2.34	55.02 5.11 -3.41	51.92 5.06 -0.02	54.58 4.96 -1.90	52.17 4.78 -0.02	50.87 4.54 -0.02	49.87 4.32 -0.51	47.72 4.26 -0.46	47.72 4.35 -0.32	52.14 4.31 -4.69	60.34 4.41 -10.50	56.47 3.63 -10.08	50.22 3.20 -8.45	44.16 3.41 -2.48	42.51 3.07 -4.08	41.27 2.66 -5.79	39.79 2.43 -4.58
CALPINE BETH_PAGE_GT4 24209	46.76 2.56 -5.48	42.71 2.13 -4.45	40.89 2.06 -3.95	40.61 1.93 -5.35	43.79 2.06 -7.35	46.41 2.21 -6.67	50.72 3.30 -4.03	53.73 3.94 -2.32	53.84 3.95 -3.40	50.68 3.84 0.00	53.70 4.10 -1.89	51.26 3.88 0.00	50.11 3.80 0.00	49.31 3.78 -0.50	46.98 3.53 -0.44	46.54 3.19 -0.31	51.35 3.54 -4.67	60.01 4.09 -10.49	56.11 3.29 -10.07	49.75 2.74 -8.43	43.58 2.83 -2.46	41.95 2.51 -4.08	40.78 2.17 -5.79	39.36 2.00 -4.58
CALPINE_BETH_PAGE_GT_4 323586	46.76 2.56 -5.48	42.71 2.13 -4.45	40.89 2.06 -3.95	40.61 1.93 -5.35	43.79 2.06 -7.35	46.44 2.25 -6.67	50.81 3.39 -4.03	53.78 3.99 -2.32	53.89 4.00 -3.40	50.87 4.03 0.00	53.75 4.15 -1.89	51.40 4.02 0.00	50.15 3.84 0.00	49.26 3.74 -0.50	46.98 3.53 -0.44	46.97 3.62 -0.31	51.61 3.80 -4.67	60.01 4.09 -10.49	56.11 3.29 -10.07	49.75 2.74 -8.43	43.58 2.83 -2.46	41.98 2.55 -4.08	40.78 2.17 -5.79	39.36 2.00 -4.58
CALPINE_BP_GT1 23823	46.76 2.56 -5.48	42.71 2.13 -4.45	40.89 2.06 -3.95	40.61 1.93 -5.35	43.79 2.06 -7.35	46.44 2.25 -6.67	50.81 3.39 -4.03	53.78 3.99 -2.32	53.89 4.00 -3.40	50.87 4.03 0.00	53.75 4.15 -1.89	51.40 4.02 0.00	50.15 3.84 0.00	49.26 3.74 -0.50	46.98 3.53 -0.44	46.97 3.62 -0.31	51.61 3.80 -4.67	60.01 4.09 -10.49	56.11 3.29 -10.07	49.75 2.74 -8.43	43.58 2.83 -2.46	41.98 2.55 -4.08	40.78 2.17 -5.79	39.36 2.00 -4.58
CALSPAN___DRP 24200	36.75 -1.98 0.00	34.83 -1.30 0.00	33.56 -1.33 0.00	32.10 -1.23 0.00	33.17 -1.20 0.00	36.55 -0.98 0.00	40.62 -2.78 0.00	44.90 -2.56 0.00	43.93 -2.56 0.00	44.31 -2.53 0.00	44.66 -3.05 0.00	44.62 -2.75 0.00	43.86 -2.45 0.00	42.64 -2.39 0.00	40.43 -2.58 0.00	40.38 -2.67 0.00	40.98 -2.16 0.00	43.12 -2.32 0.00	40.23 -2.52 0.00	36.07 -2.51 0.00	35.75 -2.53 0.00	33.13 -2.23 0.00	31.15 -1.67 0.00	31.70 -1.08 0.00

CALVERTON___SOLAR 323806	48.12 3.91 -5.48	43.97 3.40 -4.45	42.08 3.25 -3.95	41.88 3.20 -5.35	45.07 3.33 -7.35	47.72 3.53 -6.67	53.04 5.60 -4.04	56.21 6.41 -2.34	56.23 6.32 -3.41	53.04 6.18 -0.02	55.68 6.06 -1.90	53.26 5.87 -0.02	51.84 5.51 -0.02	50.67 5.13 -0.51	48.62 5.16 -0.46	48.67 5.29 -0.32	52.83 5.00 -4.69	60.93 5.00 -10.50	57.11 4.27 -10.08	50.84 3.82 -8.45	44.89 4.14 -2.48	43.22 3.78 -4.08	41.80 3.18 -5.79	40.28 2.92 -4.58
CANDIGU_WT_PWR 323617	37.80 -0.93 0.00	35.59 -0.54 0.00	34.33 -0.56 0.00	32.80 -0.53 0.00	33.90 -0.48 0.00	37.30 -0.22 0.00	43.05 -0.35 0.00	46.76 -0.71 0.00	45.80 -0.70 0.00	46.00 -0.84 0.00	46.62 -1.10 0.00	46.47 -0.90 0.00	45.48 -0.83 0.00	44.22 -0.81 0.00	42.02 -0.99 0.00	42.23 -0.82 0.00	42.45 -0.69 0.00	44.62 -0.82 0.00	41.72 -1.03 0.00	37.34 -1.24 0.00	36.98 -1.30 0.00	34.19 -1.17 0.00	31.90 -0.92 0.00	32.29 -0.49 0.00
CARR STREET_E_SYR 24060	37.72 -1.01 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.55 -0.83 0.00	36.74 -0.79 0.00	42.62 -0.78 0.00	46.66 -0.81 0.00	45.75 -0.75 0.00	46.05 -0.80 0.00	46.90 -0.81 0.00	46.61 -0.76 0.00	45.57 -0.74 0.00	44.26 -0.77 0.00	42.23 -0.77 0.00	42.32 -0.73 0.00	42.45 -0.69 0.00	44.66 -0.77 0.00	41.90 -0.85 0.00	37.69 -0.89 0.00	37.40 -0.88 0.00	34.50 -0.85 0.00	32.03 -0.79 0.00	32.03 -0.75 0.00
CARTHAGE___PAPER 23857	38.88 0.16 0.00	36.28 0.15 0.00	34.96 0.07 0.00	33.43 0.10 0.00	34.41 0.03 0.00	37.60 0.08 0.00	43.61 0.22 0.00	48.13 0.66 0.00	47.00 0.51 0.00	47.59 0.75 0.00	48.38 0.67 0.00	47.94 0.57 0.00	46.87 0.56 0.00	45.84 0.81 0.00	43.69 0.69 0.00	43.78 0.73 0.00	43.92 0.78 0.00	46.25 0.82 0.00	43.56 0.81 0.00	39.23 0.66 0.00	38.62 0.34 0.00	35.53 0.18 0.00	32.95 0.13 0.00	32.92 0.13 0.00
CASSADAGA_WT_PWR 323784	37.14 -1.59 0.00	35.05 -1.08 0.00	33.74 -1.15 0.00	32.43 -0.90 0.00	33.52 -0.86 0.00	37.08 -0.45 0.00	42.66 -0.74 0.00	46.09 -1.38 0.00	45.24 -1.25 0.00	45.44 -1.40 0.00	45.90 -1.81 0.00	45.81 -1.56 0.00	44.88 -1.44 0.00	43.63 -1.40 0.00	41.20 -1.80 0.00	41.50 -1.55 0.00	41.67 -1.47 0.00	43.75 -1.68 0.00	40.66 -2.09 0.00	36.34 -2.24 0.00	35.98 -2.30 0.00	33.23 -2.12 0.00	31.15 -1.67 0.00	31.90 -0.88 0.00
CE_DUNWOOD___DRP 24194	40.43 1.70 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.65 2.26 0.00	50.27 2.80 0.00	49.33 2.84 0.00	49.65 2.81 0.00	50.67 2.96 0.00	50.26 2.89 0.00	49.09 2.78 0.00	47.73 2.70 0.00	45.54 2.54 0.00	45.20 2.15 0.00	45.64 2.50 0.00	48.39 2.95 0.00	45.02 2.27 0.00	40.39 1.81 0.00	40.19 1.91 0.00	37.09 1.73 0.00	34.23 1.41 0.00	34.06 1.28 0.00
CE_MILLWOOD___DRP 24193	40.39 1.67 0.00	37.43 1.30 0.00	36.15 1.26 0.00	34.53 1.20 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.57 2.17 0.00	50.17 2.71 0.00	49.23 2.74 0.00	49.56 2.72 0.00	50.57 2.86 0.00	50.12 2.75 0.00	49.00 2.69 0.00	47.64 2.61 0.00	45.46 2.45 0.00	45.12 2.07 0.00	45.51 2.37 0.00	48.30 2.86 0.00	44.89 2.14 0.00	40.31 1.74 0.00	40.12 1.84 0.00	36.98 1.63 0.00	34.17 1.35 0.00	34.00 1.21 0.00
CE_NYC2_DRP 24202	40.47 1.74 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.41 2.94 0.00	49.56 3.07 0.00	49.98 3.14 0.00	51.10 3.39 0.00	50.64 3.27 0.00	49.51 3.20 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.55 2.50 0.00	46.12 2.98 0.00	48.93 3.50 0.00	45.44 2.69 0.00	40.73 2.16 0.00	40.62 2.34 0.00	37.37 2.02 0.00	34.43 1.61 0.00	34.23 1.44 0.00
CE_NYC_DRP 24195	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.94 3.09 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.80 2.80 0.00	45.46 2.41 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.33 1.98 0.00	34.43 1.61 0.00	34.23 1.44 0.00
CHAFFEE___LFGE 323603	36.79 -1.94 0.00	34.87 -1.27 0.00	33.60 -1.29 0.00	32.13 -1.20 0.00	33.21 -1.17 0.00	36.59 -0.94 0.00	41.79 -1.60 0.00	45.10 -2.37 0.00	44.31 -2.18 0.00	44.46 -2.39 0.00	44.90 -2.81 0.00	44.81 -2.56 0.00	44.00 -2.31 0.00	42.82 -2.21 0.00	40.51 -2.50 0.00	40.86 -2.19 0.00	41.16 -1.98 0.00	43.25 -2.18 0.00	40.36 -2.39 0.00	36.18 -2.39 0.00	35.87 -2.41 0.00	33.23 -2.12 0.00	31.21 -1.61 0.00	31.73 -1.05 0.00
CHATEAUG_35_KV_LOAD 355732	40.12 1.39 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.63 1.30 0.00	35.68 1.31 0.00	38.88 1.35 0.00	44.74 1.35 0.00	48.61 1.14 0.00	47.61 1.12 0.00	48.01 1.17 0.00	49.05 1.34 0.00	48.75 1.37 0.00	47.61 1.30 0.00	46.29 1.26 0.00	44.34 1.33 0.00	44.77 1.72 0.00	44.61 1.47 0.00	46.71 1.27 0.00	44.37 1.62 0.00	40.08 1.50 0.00	39.62 1.34 0.00	36.59 1.24 0.00	34.00 1.18 0.00	34.32 1.54 0.00
CHATEAUG_WT_PWR 323614	39.97 1.24 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.53 1.20 0.00	35.58 1.20 0.00	38.76 1.24 0.00	44.26 0.87 0.00	47.80 0.33 0.00	46.77 0.28 0.00	47.26 0.42 0.00	48.24 0.53 0.00	47.94 0.57 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.21 1.20 0.00	44.21 1.16 0.00	44.17 1.03 0.00	46.57 1.14 0.00	44.20 1.45 0.00	39.92 1.35 0.00	39.47 1.19 0.00	36.41 1.06 0.00	33.90 1.08 0.00	34.26 1.48 0.00
CHAT_HIGH_FALL_HYD 323578	40.12 1.39 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.63 1.30 0.00	35.68 1.31 0.00	38.88 1.35 0.00	44.74 1.35 0.00	48.61 1.14 0.00	47.61 1.12 0.00	48.01 1.17 0.00	49.05 1.34 0.00	48.75 1.37 0.00	47.61 1.30 0.00	46.29 1.26 0.00	44.34 1.33 0.00	44.77 1.72 0.00	44.61 1.47 0.00	46.71 1.27 0.00	44.37 1.62 0.00	40.08 1.50 0.00	39.62 1.34 0.00	36.59 1.24 0.00	34.00 1.18 0.00	34.32 1.54 0.00
CHAUTAUQUA___LFGE 323629	36.99 -1.74 0.00	35.01 -1.12 0.00	33.74 -1.15 0.00	32.33 -1.00 0.00	33.41 -0.96 0.00	36.85 -0.67 0.00	42.23 -1.17 0.00	45.57 -1.90 0.00	44.72 -1.77 0.00	44.88 -1.97 0.00	45.33 -2.38 0.00	45.29 -2.08 0.00	44.41 -1.90 0.00	43.18 -1.85 0.00	40.81 -2.19 0.00	41.16 -1.89 0.00	41.41 -1.73 0.00	43.53 -1.91 0.00	40.57 -2.18 0.00	36.30 -2.28 0.00	35.98 -2.30 0.00	33.30 -2.05 0.00	31.28 -1.54 0.00	31.87 -0.92 0.00
CHERRYST_13_KV_LD 356241	40.63 1.90 0.00	37.54 1.41 0.00	36.29 1.40 0.00	34.63 1.30 0.00	35.79 1.41 0.00	39.03 1.50 0.00	45.91 2.52 0.00	50.55 3.09 0.00	49.65 3.16 0.00	50.08 3.23 0.00	51.15 3.44 0.00	50.69 3.32 0.00	49.55 3.24 0.00	48.18 3.15 0.00	45.97 2.97 0.00	45.63 2.58 0.00	46.16 3.02 0.00	48.98 3.54 0.00	45.49 2.74 0.00	40.77 2.20 0.00	40.65 2.37 0.00	37.44 2.09 0.00	34.53 1.71 0.00	34.32 1.54 0.00

CHESTROR_138KV_BK263 355645	40.08 1.36 0.00	37.18 1.05 0.00	35.94 1.05 0.00	34.30 0.97 0.00	35.41 1.03 0.00	38.54 1.01 0.00	45.13 1.74 0.00	49.65 2.18 0.00	48.68 2.19 0.00	49.00 2.15 0.00	49.95 2.24 0.00	49.50 2.13 0.00	48.40 2.08 0.00	47.06 2.03 0.00	44.90 1.89 0.00	44.60 1.55 0.00	44.99 1.85 0.00	47.66 2.23 0.00	44.42 1.67 0.00	39.89 1.31 0.00	39.66 1.38 0.00	36.59 1.24 0.00	33.84 1.02 0.00	33.67 0.89 0.00
CH_MIDHUDSON___DRP 24192	40.43 1.70 0.00	37.54 1.41 0.00	36.25 1.36 0.00	34.63 1.30 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.65 2.26 0.00	50.22 2.75 0.00	49.33 2.84 0.00	49.65 2.81 0.00	50.57 2.86 0.00	50.12 2.75 0.00	48.95 2.64 0.00	47.60 2.57 0.00	45.41 2.41 0.00	45.07 2.02 0.00	45.43 2.29 0.00	48.16 2.73 0.00	44.80 2.05 0.00	40.19 1.62 0.00	40.00 1.72 0.00	36.91 1.56 0.00	34.20 1.38 0.00	34.03 1.25 0.00
CH_MISC_IPPS 23765	40.59 1.86 0.00	37.68 1.55 0.00	36.39 1.50 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.10 1.58 0.00	45.91 2.52 0.00	50.55 3.08 0.00	49.61 3.12 0.00	49.98 3.14 0.00	50.91 3.20 0.00	50.41 3.03 0.00	49.18 2.87 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.72 2.67 0.00	45.90 2.76 0.00	48.43 3.00 0.00	45.10 2.35 0.00	40.43 1.85 0.00	40.23 1.95 0.00	37.09 1.73 0.00	34.33 1.51 0.00	34.16 1.38 0.00
CH_RES_BVR_FALLS 23983	38.69 -0.04 0.00	36.02 -0.11 0.00	34.82 -0.07 0.00	33.27 -0.07 0.00	34.27 -0.10 0.00	37.34 -0.19 0.00	42.92 -0.48 0.00	46.85 -0.62 0.00	45.89 -0.61 0.00	46.28 -0.56 0.00	47.19 -0.52 0.00	46.90 -0.47 0.00	45.94 -0.37 0.00	44.67 -0.36 0.00	42.71 -0.30 0.00	42.70 -0.35 0.00	42.71 -0.43 0.00	44.89 -0.54 0.00	42.45 -0.30 0.00	38.34 -0.23 0.00	38.01 -0.27 0.00	35.14 -0.21 0.00	32.66 -0.16 0.00	32.65 -0.13 0.00
CH_RES_NIAGARA 23895	35.28 -3.45 0.00	33.50 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	39.97 -3.43 0.00	42.91 -4.56 0.00	42.17 -4.32 0.00	42.21 -4.64 0.00	42.65 -5.06 0.00	42.54 -4.83 0.00	41.73 -4.59 0.00	40.66 -4.37 0.00	38.49 -4.52 0.00	38.83 -4.22 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.30 0.00
CH_RES_SYRACUSE 23985	38.19 -0.54 0.00	35.70 -0.43 0.00	34.44 -0.45 0.00	32.90 -0.43 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	43.09 -0.30 0.00	47.23 -0.24 0.00	46.21 -0.28 0.00	46.56 -0.28 0.00	47.38 -0.33 0.00	47.14 -0.24 0.00	46.04 -0.28 0.00	44.76 -0.27 0.00	42.66 -0.35 0.00	42.75 -0.30 0.00	42.88 -0.26 0.00	45.16 -0.27 0.00	42.36 -0.39 0.00	38.15 -0.42 0.00	37.86 -0.42 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00
CLINTON_WT_PWR 323605	39.97 1.24 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.53 1.20 0.00	35.58 1.20 0.00	38.76 1.24 0.00	44.26 0.87 0.00	47.80 0.33 0.00	46.77 0.28 0.00	47.26 0.42 0.00	48.24 0.53 0.00	47.94 0.57 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.21 1.20 0.00	44.21 1.16 0.00	44.17 1.03 0.00	46.57 1.14 0.00	44.20 1.45 0.00	39.92 1.35 0.00	39.47 1.19 0.00	36.41 1.06 0.00	33.90 1.08 0.00	34.26 1.48 0.00
CLINTON___LFGE 323618	40.70 1.97 0.00	38.01 1.88 0.00	36.70 1.81 0.00	35.10 1.77 0.00	36.16 1.79 0.00	39.48 1.95 0.00	45.09 1.69 0.00	48.60 1.14 0.00	47.51 1.02 0.00	48.02 1.17 0.00	49.04 1.33 0.00	48.75 1.37 0.00	48.49 2.18 0.00	47.10 2.07 0.00	45.07 2.06 0.00	44.94 1.89 0.00	44.91 1.77 0.00	47.43 2.00 0.00	45.01 2.26 0.00	40.58 2.00 0.00	40.12 1.84 0.00	36.98 1.63 0.00	34.40 1.58 0.00	34.85 2.07 0.00
COBBLENY_34_KV_TB1 80064	36.79 -1.94 0.00	34.87 -1.26 0.00	33.60 -1.29 0.00	32.13 -1.20 0.00	33.21 -1.17 0.00	36.59 -0.94 0.00	40.71 -2.69 0.00	45.00 -2.47 0.00	44.03 -2.46 0.00	44.45 -2.39 0.00	44.75 -2.96 0.00	44.77 -2.61 0.00	44.00 -2.32 0.00	42.73 -2.30 0.00	40.51 -2.49 0.00	40.51 -2.54 0.00	41.11 -2.03 0.00	43.25 -2.18 0.00	40.36 -2.39 0.00	36.18 -2.39 0.00	35.87 -2.41 0.00	33.23 -2.12 0.00	31.21 -1.61 0.00	31.73 -1.05 0.00
COFFEEN___115KV_TB3 355620	39.19 0.46 0.00	36.60 0.47 0.00	35.20 0.31 0.00	33.67 0.33 0.00	34.65 0.28 0.00	37.98 0.45 0.00	44.05 0.65 0.00	48.89 1.42 0.00	47.70 1.21 0.00	48.30 1.45 0.00	49.05 1.34 0.00	48.65 1.28 0.00	47.47 1.16 0.00	46.47 1.44 0.00	44.34 1.33 0.00	44.34 1.29 0.00	44.61 1.47 0.00	47.02 1.59 0.00	44.20 1.45 0.00	39.81 1.23 0.00	39.24 0.96 0.00	36.10 0.74 0.00	33.35 0.53 0.00	33.31 0.52 0.00
COLDSPRG_115KV_BK1 355956	37.80 -0.93 0.00	35.70 -0.43 0.00	34.37 -0.52 0.00	32.97 -0.37 0.00	34.10 -0.28 0.00	37.64 0.11 0.00	42.22 -1.17 0.00	46.61 -0.85 0.00	45.65 -0.84 0.00	46.09 -0.75 0.00	46.37 -1.34 0.00	46.47 -0.90 0.00	45.66 -0.65 0.00	44.31 -0.72 0.00	41.89 -1.12 0.00	41.80 -1.25 0.00	42.36 -0.78 0.00	44.62 -0.82 0.00	41.51 -1.24 0.00	37.15 -1.43 0.00	36.79 -1.49 0.00	33.97 -1.38 0.00	31.80 -1.02 0.00	32.49 -0.30 0.00
COLONIE_LFGE___ 323577	39.89 1.16 0.00	37.25 1.12 0.00	35.94 1.05 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.69 1.16 0.00	45.18 1.78 0.00	49.65 2.18 0.00	48.68 2.19 0.00	49.00 2.16 0.00	49.86 2.15 0.00	49.45 2.08 0.00	48.26 1.94 0.00	46.92 1.89 0.00	44.81 1.81 0.00	44.86 1.81 0.00	44.91 1.77 0.00	47.34 1.91 0.00	44.16 1.41 0.00	39.81 1.23 0.00	39.47 1.19 0.00	36.52 1.16 0.00	33.90 1.08 0.00	33.73 0.95 0.00
COOPERNY_115KV_TB1 80082	39.77 1.05 0.00	36.96 0.83 0.00	35.69 0.80 0.00	34.07 0.73 0.00	35.17 0.79 0.00	38.31 0.79 0.00	44.70 1.30 0.00	49.18 1.71 0.00	48.16 1.67 0.00	48.48 1.64 0.00	49.38 1.67 0.00	49.03 1.66 0.00	47.89 1.57 0.00	46.56 1.53 0.00	44.43 1.42 0.00	44.21 1.16 0.00	44.52 1.38 0.00	47.16 1.73 0.00	43.99 1.24 0.00	39.54 0.96 0.00	39.35 1.07 0.00	36.27 0.92 0.00	33.58 0.75 0.00	33.47 0.69 0.00
COPENHAGEN_WT_PWR 323753	38.84 0.12 0.00	36.28 0.15 0.00	34.89 0.00 0.00	33.40 0.07 0.00	34.38 0.00 0.00	37.64 0.11 0.00	43.70 0.31 0.00	48.32 0.86 0.00	47.14 0.65 0.00	47.73 0.89 0.00	48.52 0.81 0.00	48.13 0.76 0.00	47.01 0.70 0.00	45.98 0.95 0.00	43.82 0.82 0.00	43.91 0.86 0.00	44.05 0.91 0.00	46.43 1.00 0.00	43.65 0.90 0.00	39.30 0.73 0.00	38.78 0.50 0.00	35.67 0.32 0.00	33.02 0.20 0.00	32.98 0.20 0.00
CORNELL_____ 23752	39.39 0.66 0.00	36.82 0.69 0.00	35.48 0.59 0.00	33.90 0.57 0.00	35.00 0.62 0.00	38.39 0.86 0.00	44.39 1.00 0.00	48.94 1.47 0.00	47.79 1.30 0.00	48.16 1.31 0.00	49.00 1.29 0.00	48.70 1.33 0.00	47.65 1.34 0.00	46.33 1.31 0.00	44.12 1.12 0.00	44.04 0.99 0.00	44.39 1.25 0.00	46.84 1.41 0.00	43.95 1.20 0.00	39.46 0.89 0.00	39.16 0.88 0.00	36.06 0.71 0.00	33.41 0.59 0.00	33.44 0.66 0.00

CORONA__KV_TB1 355595	46.73 2.52 -5.48	42.67 2.10 -4.45	40.89 2.06 -3.95	40.61 1.93 -5.35	43.66 1.93 -7.35	46.26 2.06 -6.67	50.38 2.95 -4.03	53.35 3.56 -2.32	53.47 3.58 -3.40	50.40 3.56 0.00	53.42 3.82 -1.89	51.07 3.70 0.00	49.88 3.57 0.00	49.08 3.56 -0.50	46.76 3.31 -0.44	46.28 2.93 -0.31	51.09 3.28 -4.67	59.78 3.86 -10.49	55.90 3.08 -10.07	49.51 2.51 -8.43	43.42 2.68 -2.46	41.81 2.37 -4.08	40.65 2.03 -5.79	39.33 1.97 -4.58
CORTLAND_115KV_TB3 80093	39.04 0.31 0.00	36.49 0.36 0.00	35.17 0.28 0.00	33.60 0.27 0.00	34.69 0.31 0.00	38.01 0.49 0.00	43.96 0.56 0.00	48.42 0.95 0.00	47.33 0.84 0.00	47.69 0.84 0.00	48.52 0.81 0.00	48.27 0.90 0.00	47.19 0.88 0.00	45.88 0.86 0.00	43.74 0.73 0.00	43.61 0.56 0.00	43.92 0.78 0.00	46.34 0.91 0.00	43.43 0.68 0.00	39.04 0.46 0.00	38.74 0.46 0.00	35.67 0.32 0.00	33.08 0.26 0.00	33.11 0.33 0.00
COXSACKIE__GT 23611	40.97 2.25 0.00	38.12 1.99 0.00	36.77 1.88 0.00	35.06 1.73 0.00	36.16 1.79 0.00	39.48 1.95 0.00	46.26 2.86 0.00	50.84 3.37 0.00	49.98 3.49 0.00	49.98 3.14 0.00	50.62 2.91 0.00	49.98 2.60 0.00	48.76 2.45 0.00	47.37 2.34 0.00	45.33 2.32 0.00	45.63 2.58 0.00	45.73 2.59 0.00	48.48 3.04 0.00	45.44 2.69 0.00	40.69 2.12 0.00	40.42 2.14 0.00	37.16 1.80 0.00	34.69 1.87 0.00	34.42 1.64 0.00
CPV_VALLEY__CC1 323721	39.85 1.12 0.00	37.00 0.87 0.00	35.73 0.84 0.00	34.13 0.80 0.00	35.20 0.82 0.00	38.32 0.79 0.00	44.87 1.48 0.00	49.32 1.85 0.00	48.35 1.86 0.00	48.72 1.88 0.00	49.62 1.91 0.00	49.22 1.85 0.00	48.03 1.71 0.00	46.70 1.67 0.00	44.55 1.55 0.00	44.64 1.59 0.00	44.87 1.73 0.00	47.30 1.86 0.00	44.08 1.33 0.00	39.58 1.00 0.00	39.39 1.11 0.00	36.34 0.99 0.00	33.61 0.79 0.00	33.44 0.66 0.00
CPV_VALLEY__CC2 323722	39.85 1.12 0.00	37.00 0.87 0.00	35.73 0.84 0.00	34.13 0.80 0.00	35.20 0.82 0.00	38.32 0.79 0.00	44.87 1.48 0.00	49.32 1.85 0.00	48.35 1.86 0.00	48.72 1.88 0.00	49.62 1.91 0.00	49.22 1.85 0.00	48.03 1.71 0.00	46.70 1.67 0.00	44.55 1.55 0.00	44.64 1.59 0.00	44.87 1.73 0.00	47.30 1.86 0.00	44.08 1.33 0.00	39.58 1.00 0.00	39.39 1.11 0.00	36.34 0.99 0.00	33.61 0.79 0.00	33.44 0.66 0.00
CRESCENT__HYD 24018	39.89 1.16 0.00	37.25 1.12 0.00	35.94 1.05 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.69 1.16 0.00	45.18 1.78 0.00	49.65 2.18 0.00	48.68 2.19 0.00	49.00 2.16 0.00	49.86 2.15 0.00	49.45 2.08 0.00	48.26 1.94 0.00	46.92 1.89 0.00	44.81 1.81 0.00	44.86 1.81 0.00	44.91 1.77 0.00	47.34 1.91 0.00	44.16 1.41 0.00	39.81 1.23 0.00	39.47 1.19 0.00	36.52 1.16 0.00	33.90 1.08 0.00	33.73 0.95 0.00
CRICKET__VALLEY_CC1 323756	40.24 1.51 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.56 2.17 0.00	50.12 2.66 0.00	49.14 2.65 0.00	49.51 2.67 0.00	50.43 2.72 0.00	49.98 2.60 0.00	48.76 2.45 0.00	47.41 2.38 0.00	45.28 2.28 0.00	45.29 2.24 0.00	45.30 2.16 0.00	47.61 2.18 0.00	44.25 1.50 0.00	39.81 1.23 0.00	39.54 1.26 0.00	36.62 1.27 0.00	33.97 1.15 0.00	33.90 1.12 0.00
CRICKET__VALLEY_CC2 323757	40.24 1.51 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.56 2.17 0.00	50.12 2.66 0.00	49.14 2.65 0.00	49.51 2.67 0.00	50.43 2.72 0.00	49.98 2.60 0.00	48.76 2.45 0.00	47.41 2.38 0.00	45.28 2.28 0.00	45.29 2.24 0.00	45.30 2.16 0.00	47.61 2.18 0.00	44.25 1.50 0.00	39.81 1.23 0.00	39.54 1.26 0.00	36.62 1.27 0.00	33.97 1.15 0.00	33.90 1.12 0.00
CRICKET__VALLEY_CC3 323758	40.24 1.51 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.56 2.17 0.00	50.12 2.66 0.00	49.14 2.65 0.00	49.51 2.67 0.00	50.43 2.72 0.00	49.98 2.60 0.00	48.76 2.45 0.00	47.41 2.38 0.00	45.28 2.28 0.00	45.29 2.24 0.00	45.30 2.16 0.00	47.61 2.18 0.00	44.25 1.50 0.00	39.81 1.23 0.00	39.54 1.26 0.00	36.62 1.27 0.00	33.97 1.15 0.00	33.90 1.12 0.00
CRUCIBLE_METL_DRP 24180	38.19 -0.54 0.00	35.70 -0.43 0.00	34.44 -0.45 0.00	32.90 -0.43 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	42.92 -0.48 0.00	47.18 -0.28 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.33 -0.38 0.00	47.09 -0.28 0.00	46.03 -0.28 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.86 -0.42 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00
DAHOWA__HYDRO 323763	40.08 1.35 0.00	37.32 1.19 0.00	36.01 1.12 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.80 1.28 0.00	45.39 2.00 0.00	49.93 2.47 0.00	49.09 2.60 0.00	49.42 2.57 0.00	50.43 2.72 0.00	50.02 2.65 0.00	48.76 2.45 0.00	47.37 2.34 0.00	45.20 2.19 0.00	45.16 2.11 0.00	45.21 2.07 0.00	47.70 2.27 0.00	44.59 1.84 0.00	40.08 1.50 0.00	39.81 1.53 0.00	36.66 1.31 0.00	34.36 1.54 0.00	34.16 1.38 0.00
DANC__LFGE 323619	38.38 -0.35 0.00	35.84 -0.29 0.00	34.51 -0.38 0.00	33.00 -0.33 0.00	34.00 -0.38 0.00	37.22 -0.30 0.00	43.14 -0.26 0.00	47.71 0.24 0.00	46.63 0.14 0.00	47.13 0.28 0.00	47.95 0.24 0.00	47.56 0.19 0.00	46.50 0.19 0.00	45.35 0.32 0.00	43.27 0.26 0.00	43.35 0.30 0.00	43.48 0.34 0.00	45.80 0.36 0.00	43.01 0.26 0.00	38.73 0.15 0.00	38.28 0.00 0.00	35.28 -0.07 0.00	32.69 -0.13 0.00	32.65 -0.13 0.00
DANSKAMMER__1 23586	40.59 1.86 0.00	37.68 1.55 0.00	36.39 1.50 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.10 1.58 0.00	45.91 2.52 0.00	50.55 3.08 0.00	49.61 3.12 0.00	49.98 3.14 0.00	50.91 3.20 0.00	50.41 3.03 0.00	49.18 2.87 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.72 2.67 0.00	45.90 2.76 0.00	48.43 3.00 0.00	45.10 2.35 0.00	40.43 1.85 0.00	40.23 1.95 0.00	37.09 1.73 0.00	34.33 1.51 0.00	34.16 1.38 0.00
DANSKAMMER__2 23589	40.59 1.86 0.00	37.68 1.55 0.00	36.39 1.50 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.10 1.58 0.00	45.91 2.52 0.00	50.55 3.08 0.00	49.61 3.12 0.00	49.98 3.14 0.00	50.91 3.20 0.00	50.41 3.03 0.00	49.18 2.87 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.72 2.67 0.00	45.90 2.76 0.00	48.43 3.00 0.00	45.10 2.35 0.00	40.43 1.85 0.00	40.23 1.95 0.00	37.09 1.73 0.00	34.33 1.51 0.00	34.16 1.38 0.00
DANSKAMMER__3 23590	40.59 1.86 0.00	37.68 1.55 0.00	36.39 1.50 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.10 1.58 0.00	45.91 2.52 0.00	50.55 3.08 0.00	49.61 3.12 0.00	49.98 3.14 0.00	50.91 3.20 0.00	50.41 3.03 0.00	49.18 2.87 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.72 2.67 0.00	45.90 2.76 0.00	48.43 3.00 0.00	45.10 2.35 0.00	40.43 1.85 0.00	40.23 1.95 0.00	37.09 1.73 0.00	34.33 1.51 0.00	34.16 1.38 0.00

DANSKAMMER___4 23591	40.59 1.86 0.00	37.68 1.55 0.00	36.39 1.50 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.10 1.58 0.00	45.91 2.52 0.00	50.55 3.08 0.00	49.61 3.12 0.00	49.98 3.14 0.00	50.91 3.20 0.00	50.41 3.03 0.00	49.18 2.87 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.72 2.67 0.00	45.90 2.76 0.00	48.43 3.00 0.00	45.10 2.35 0.00	40.43 1.85 0.00	40.23 1.95 0.00	37.09 1.73 0.00	34.33 1.51 0.00	34.16 1.38 0.00
DANSKAMMER___DIESEL 23592	40.59 1.86 0.00	37.69 1.55 0.00	36.39 1.50 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.06 1.54 0.00	45.83 2.43 0.00	50.46 2.99 0.00	49.56 3.07 0.00	49.89 3.04 0.00	50.86 3.15 0.00	50.36 2.98 0.00	49.18 2.87 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.29 2.24 0.00	45.64 2.50 0.00	48.43 3.00 0.00	45.06 2.31 0.00	40.43 1.85 0.00	40.23 1.95 0.00	37.09 1.73 0.00	34.33 1.51 0.00	34.16 1.38 0.00
DARBY___SOLAR 323810	40.05 1.32 0.00	37.32 1.19 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.80 1.28 0.00	45.35 1.95 0.00	49.84 2.37 0.00	49.00 2.51 0.00	49.32 2.48 0.00	50.29 2.57 0.00	49.93 2.56 0.00	48.67 2.36 0.00	47.28 2.25 0.00	45.11 2.11 0.00	45.12 2.07 0.00	45.17 2.03 0.00	47.61 2.18 0.00	44.50 1.75 0.00	40.04 1.47 0.00	39.74 1.45 0.00	36.62 1.27 0.00	34.26 1.44 0.00	34.10 1.31 0.00
DASHVILLE___HYD 23610	40.24 1.51 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.43 1.10 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.31 1.91 0.00	49.84 2.37 0.00	48.86 2.37 0.00	49.19 2.34 0.00	50.10 2.39 0.00	49.60 2.23 0.00	48.40 2.08 0.00	47.06 2.03 0.00	44.90 1.89 0.00	44.64 1.59 0.00	45.04 1.90 0.00	47.80 2.36 0.00	44.46 1.71 0.00	39.85 1.27 0.00	39.70 1.42 0.00	36.66 1.31 0.00	33.94 1.12 0.00	33.83 1.05 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	48.74 4.53 -5.48	44.52 3.94 -4.45	42.60 3.77 -3.95	42.41 3.73 -5.35	45.65 3.92 -7.35	48.36 4.17 -6.67	53.65 6.21 -4.04	56.93 7.12 -2.34	56.88 6.97 -3.41	53.46 6.60 -0.02	56.49 6.87 -1.90	53.97 6.58 -0.02	52.63 6.30 -0.02	51.49 5.94 -0.51	49.31 5.85 -0.46	48.93 5.55 -0.32	53.30 5.48 -4.69	61.75 5.82 -10.50	57.88 5.04 -10.08	51.54 4.51 -8.45	45.51 4.75 -2.48	43.71 4.28 -4.08	42.29 3.68 -5.79	40.64 3.28 -4.58
DELAWARE___LFGE 323621	39.85 1.12 0.00	37.14 1.01 0.00	35.80 0.91 0.00	34.23 0.90 0.00	35.31 0.93 0.00	38.58 1.05 0.00	44.91 1.52 0.00	49.41 1.95 0.00	48.40 1.91 0.00	48.76 1.92 0.00	49.62 1.91 0.00	49.31 1.94 0.00	48.16 1.85 0.00	46.92 1.89 0.00	44.73 1.72 0.00	44.47 1.42 0.00	44.74 1.60 0.00	47.34 1.91 0.00	44.25 1.50 0.00	39.81 1.23 0.00	39.54 1.26 0.00	36.41 1.06 0.00	33.74 0.92 0.00	33.67 0.89 0.00
DERFIELD_115KV_TB7 355931	38.96 0.23 0.00	36.35 0.22 0.00	35.06 0.17 0.00	33.50 0.17 0.00	34.55 0.17 0.00	37.75 0.23 0.00	43.83 0.43 0.00	48.04 0.57 0.00	47.00 0.51 0.00	47.36 0.52 0.00	48.24 0.52 0.00	47.89 0.52 0.00	46.82 0.51 0.00	45.57 0.54 0.00	43.48 0.47 0.00	43.39 0.34 0.00	43.53 0.39 0.00	45.93 0.50 0.00	43.09 0.34 0.00	38.84 0.27 0.00	38.55 0.27 0.00	35.57 0.21 0.00	32.98 0.16 0.00	32.95 0.16 0.00
DOGLEVILLE___HYD 23807	40.43 1.70 0.00	37.68 1.55 0.00	36.32 1.43 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.22 1.69 0.00	45.52 2.13 0.00	49.98 2.51 0.00	48.95 2.46 0.00	49.37 2.53 0.00	50.38 2.67 0.00	50.07 2.70 0.00	48.95 2.64 0.00	47.64 2.61 0.00	45.41 2.41 0.00	45.42 2.37 0.00	45.47 2.33 0.00	47.89 2.45 0.00	44.89 2.14 0.00	40.43 1.85 0.00	40.08 1.80 0.00	37.02 1.66 0.00	34.33 1.51 0.00	34.32 1.54 0.00
DUNKIRK___115KV_TB_200 55889	36.99 -1.74 0.00	34.98 -1.16 0.00	33.74 -1.15 0.00	32.30 -1.03 0.00	33.38 -1.00 0.00	36.81 -0.71 0.00	41.10 -2.30 0.00	45.33 -2.14 0.00	44.35 -2.14 0.00	44.78 -2.06 0.00	45.09 -2.62 0.00	45.10 -2.27 0.00	44.32 -1.99 0.00	43.05 -1.98 0.00	40.77 -2.24 0.00	40.72 -2.32 0.00	41.33 -1.81 0.00	43.48 -1.95 0.00	40.53 -2.22 0.00	36.30 -2.28 0.00	35.98 -2.30 0.00	33.30 -2.05 0.00	31.24 -1.58 0.00	31.87 -0.92 0.00
DUNKIRK___1 23563	36.99 -1.74 0.00	34.98 -1.16 0.00	33.74 -1.15 0.00	32.30 -1.03 0.00	33.38 -1.00 0.00	36.81 -0.71 0.00	41.10 -2.30 0.00	45.33 -2.14 0.00	44.35 -2.14 0.00	44.78 -2.06 0.00	45.09 -2.62 0.00	45.10 -2.27 0.00	44.32 -1.99 0.00	43.05 -1.98 0.00	40.77 -2.24 0.00	40.72 -2.32 0.00	41.33 -1.81 0.00	43.48 -1.95 0.00	40.53 -2.22 0.00	36.30 -2.28 0.00	35.98 -2.30 0.00	33.30 -2.05 0.00	31.24 -1.58 0.00	31.87 -0.92 0.00
DUNKIRK___2 23564	36.99 -1.74 0.00	34.98 -1.16 0.00	33.74 -1.15 0.00	32.30 -1.03 0.00	33.38 -1.00 0.00	36.81 -0.71 0.00	41.10 -2.30 0.00	45.33 -2.14 0.00	44.35 -2.14 0.00	44.78 -2.06 0.00	45.09 -2.62 0.00	45.10 -2.27 0.00	44.32 -1.99 0.00	43.05 -1.98 0.00	40.77 -2.24 0.00	40.72 -2.32 0.00	41.33 -1.81 0.00	43.48 -1.95 0.00	40.53 -2.22 0.00	36.30 -2.28 0.00	35.98 -2.30 0.00	33.30 -2.05 0.00	31.24 -1.58 0.00	31.87 -0.92 0.00
DUNKIRK___3 23565	36.91 -1.82 0.00	34.94 -1.19 0.00	33.67 -1.22 0.00	32.23 -1.10 0.00	33.31 -1.07 0.00	36.70 -0.83 0.00	41.01 -2.39 0.00	45.19 -2.28 0.00	44.21 -2.28 0.00	44.60 -2.25 0.00	44.90 -2.81 0.00	44.91 -2.46 0.00	44.13 -2.18 0.00	42.87 -2.16 0.00	40.64 -2.37 0.00	40.60 -2.45 0.00	41.20 -1.94 0.00	43.34 -2.09 0.00	40.44 -2.31 0.00	36.22 -2.35 0.00	35.91 -2.37 0.00	33.27 -2.09 0.00	31.21 -1.61 0.00	31.80 -0.98 0.00
DUNKIRK___4 23566	36.91 -1.82 0.00	34.94 -1.19 0.00	33.67 -1.22 0.00	32.23 -1.10 0.00	33.31 -1.07 0.00	36.70 -0.83 0.00	40.97 -2.43 0.00	45.19 -2.28 0.00	44.26 -2.23 0.00	44.64 -2.20 0.00	44.94 -2.77 0.00	44.96 -2.42 0.00	44.18 -2.13 0.00	42.91 -2.12 0.00	40.68 -2.32 0.00	40.64 -2.41 0.00	41.24 -1.90 0.00	43.39 -2.04 0.00	40.44 -2.31 0.00	36.22 -2.35 0.00	35.91 -2.37 0.00	33.27 -2.09 0.00	31.21 -1.61 0.00	31.80 -0.98 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.51 1.78 0.00	37.54 1.41 0.00	36.25 1.36 0.00	34.63 1.30 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.42 2.93 0.00	49.79 2.95 0.00	50.81 3.10 0.00	50.36 2.98 0.00	49.23 2.92 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.33 2.28 0.00	45.77 2.63 0.00	48.52 3.09 0.00	45.10 2.35 0.00	40.50 1.93 0.00	40.31 2.03 0.00	37.16 1.80 0.00	34.33 1.51 0.00	34.13 1.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.35 1.63 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.84 1.31 0.00	45.52 2.13 0.00	50.13 2.66 0.00	49.19 2.70 0.00	49.51 2.67 0.00	50.43 2.72 0.00	49.98 2.61 0.00	48.77 2.45 0.00	47.42 2.39 0.00	45.24 2.24 0.00	44.99 1.94 0.00	45.34 2.20 0.00	48.11 2.68 0.00	44.76 2.01 0.00	40.16 1.58 0.00	40.00 1.72 0.00	36.87 1.52 0.00	34.10 1.28 0.00	33.93 1.15 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.28 1.55 0.00	37.18 1.05 0.00	35.94 1.05 0.00	34.30 0.97 0.00	35.41 1.03 0.00	38.61 1.09 0.00	45.48 2.08 0.00	50.17 2.71 0.00	49.33 2.84 0.00	49.75 2.90 0.00	50.86 3.15 0.00	50.40 3.03 0.00	49.28 2.96 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.33 2.28 0.00	45.90 2.76 0.00	48.70 3.27 0.00	45.23 2.48 0.00	40.54 1.97 0.00	40.42 2.14 0.00	37.19 1.84 0.00	34.26 1.44 0.00	34.03 1.25 0.00
E179THST_13_KV_LOAD 356214	40.43 1.70 0.00	37.32 1.19 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.55 1.17 0.00	38.73 1.20 0.00	45.65 2.26 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.10 3.39 0.00	50.64 3.27 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.50 2.45 0.00	46.12 2.98 0.00	48.93 3.50 0.00	45.44 2.69 0.00	40.73 2.16 0.00	40.62 2.34 0.00	37.37 2.02 0.00	34.40 1.58 0.00	34.19 1.41 0.00
EAST HAMPTON___GT 23717	49.17 4.96 -5.48	44.91 4.33 -4.45	42.99 4.15 -3.95	42.74 4.07 -5.35	46.03 4.30 -7.35	48.81 4.61 -6.67	54.34 6.90 -4.04	57.64 7.83 -2.34	57.57 7.67 -3.41	54.40 7.54 -0.02	57.15 7.54 -1.90	54.68 7.29 -0.02	53.23 6.90 -0.02	52.03 6.49 -0.51	49.83 6.36 -0.46	49.87 6.50 -0.32	54.12 6.30 -4.69	62.39 6.45 -10.50	58.43 5.60 -10.08	52.03 5.01 -8.45	45.96 5.21 -2.48	44.14 4.70 -4.08	42.65 4.04 -5.79	41.13 3.77 -4.58
EAST RIVER___6 23660	40.70 1.97 0.00	37.61 1.48 0.00	36.35 1.47 0.00	34.70 1.37 0.00	35.82 1.44 0.00	39.07 1.54 0.00	46.09 2.69 0.00	50.74 3.27 0.00	49.88 3.39 0.00	50.36 3.52 0.00	51.38 3.67 0.00	50.97 3.60 0.00	49.74 3.43 0.00	48.36 3.33 0.00	46.14 3.14 0.00	46.19 3.14 0.00	46.63 3.49 0.00	49.16 3.73 0.00	45.66 2.91 0.00	40.93 2.35 0.00	40.81 2.53 0.00	37.58 2.23 0.00	34.59 1.77 0.00	34.39 1.61 0.00
EAST RIVER___7 23524	40.70 1.97 0.00	37.61 1.48 0.00	36.35 1.47 0.00	34.70 1.37 0.00	35.82 1.44 0.00	39.07 1.54 0.00	46.09 2.69 0.00	50.74 3.27 0.00	49.88 3.39 0.00	50.36 3.52 0.00	51.38 3.67 0.00	50.97 3.60 0.00	49.74 3.43 0.00	48.36 3.33 0.00	46.14 3.14 0.00	46.19 3.14 0.00	46.63 3.49 0.00	49.16 3.73 0.00	45.66 2.91 0.00	40.93 2.35 0.00	40.81 2.53 0.00	37.58 2.23 0.00	34.59 1.77 0.00	34.39 1.61 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.43 1.70 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.65 2.26 0.00	50.27 2.80 0.00	49.33 2.84 0.00	49.65 2.81 0.00	50.67 2.96 0.00	50.26 2.89 0.00	49.09 2.78 0.00	47.73 2.70 0.00	45.54 2.54 0.00	45.20 2.15 0.00	45.64 2.50 0.00	48.39 2.95 0.00	45.02 2.27 0.00	40.39 1.81 0.00	40.19 1.91 0.00	37.09 1.73 0.00	34.23 1.41 0.00	34.06 1.28 0.00
EAST_HAMPTON___DIESEL 23722	49.17 4.96 -5.48	44.91 4.33 -4.45	43.02 4.18 -3.95	42.78 4.10 -5.35	46.03 4.30 -7.35	48.81 4.61 -6.67	54.38 6.94 -4.04	57.64 7.83 -2.34	57.57 7.67 -3.41	54.45 7.59 -0.02	57.20 7.59 -1.90	54.73 7.34 -0.02	53.23 6.90 -0.02	52.03 6.49 -0.51	49.83 6.36 -0.46	49.91 6.54 -0.32	54.12 6.30 -4.69	62.43 6.50 -10.50	58.48 5.64 -10.08	52.03 5.01 -8.45	45.96 5.21 -2.48	44.14 4.70 -4.08	42.65 4.04 -5.79	41.13 3.77 -4.58
EAST_PULASKI___ESR 323781	37.99 -0.74 0.00	35.48 -0.65 0.00	34.19 -0.70 0.00	32.67 -0.67 0.00	33.72 -0.65 0.00	36.93 -0.60 0.00	42.48 -0.91 0.00	47.42 -0.05 0.00	46.35 -0.14 0.00	46.89 0.05 0.00	47.66 -0.05 0.00	47.33 -0.05 0.00	46.26 -0.05 0.00	45.07 0.05 0.00	43.01 0.00 0.00	42.96 -0.09 0.00	43.14 0.00 0.00	45.48 0.05 0.00	42.71 -0.04 0.00	38.46 -0.12 0.00	38.09 -0.19 0.00	35.11 -0.25 0.00	32.52 -0.30 0.00	32.49 -0.30 0.00
EAST_RIVER___1 323558	40.51 1.78 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.92 1.39 0.00	45.87 2.47 0.00	50.46 2.99 0.00	49.56 3.07 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.60 3.22 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.80 2.79 0.00	45.89 2.84 0.00	46.29 3.15 0.00	48.80 3.36 0.00	45.36 2.61 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.37 2.01 0.00	34.43 1.61 0.00	34.22 1.44 0.00
EAST_RIVER___2 323559	40.70 1.97 0.00	37.61 1.48 0.00	36.35 1.47 0.00	34.70 1.37 0.00	35.82 1.44 0.00	39.07 1.54 0.00	46.09 2.69 0.00	50.74 3.27 0.00	49.88 3.39 0.00	50.36 3.52 0.00	51.38 3.67 0.00	50.97 3.60 0.00	49.74 3.43 0.00	48.36 3.33 0.00	46.14 3.14 0.00	46.19 3.14 0.00	46.63 3.49 0.00	49.16 3.73 0.00	45.66 2.91 0.00	40.93 2.35 0.00	40.81 2.53 0.00	37.58 2.23 0.00	34.59 1.77 0.00	34.39 1.61 0.00
EAST___DELAWARE_HYD 23607	40.08 1.35 0.00	37.18 1.05 0.00	35.90 1.01 0.00	34.23 0.90 0.00	35.31 0.93 0.00	38.58 1.05 0.00	45.30 1.91 0.00	49.89 2.42 0.00	48.95 2.46 0.00	49.23 2.39 0.00	50.05 2.34 0.00	49.55 2.18 0.00	47.05 0.74 0.00	45.66 0.63 0.00	43.61 0.60 0.00	43.78 0.73 0.00	44.09 0.95 0.00	46.66 1.23 0.00	43.48 0.73 0.00	38.92 0.35 0.00	39.81 1.53 0.00	36.66 1.31 0.00	33.87 1.05 0.00	33.70 0.92 0.00
EIGHT_POINT___WT_PWR 323820	38.30 -0.43 0.00	36.10 -0.04 0.00	34.79 -0.10 0.00	33.23 -0.10 0.00	34.38 0.00 0.00	37.86 0.34 0.00	43.74 0.35 0.00	47.56 0.10 0.00	46.63 0.14 0.00	46.80 -0.05 0.00	47.43 -0.28 0.00	47.28 -0.09 0.00	46.31 0.00 0.00	44.98 -0.04 0.00	42.71 -0.30 0.00	42.96 -0.09 0.00	43.18 0.04 0.00	45.39 -0.05 0.00	42.41 -0.34 0.00	37.92 -0.66 0.00	37.47 -0.81 0.00	34.54 -0.81 0.00	32.29 -0.53 0.00	32.69 -0.10 0.00
ELBRIDGE_115KV_TB2 80188	37.99 -0.74 0.00	35.52 -0.61 0.00	34.26 -0.63 0.00	32.73 -0.60 0.00	33.79 -0.58 0.00	37.00 -0.53 0.00	42.70 -0.69 0.00	46.95 -0.52 0.00	45.93 -0.56 0.00	46.28 -0.56 0.00	47.09 -0.62 0.00	46.85 -0.52 0.00	45.80 -0.51 0.00	44.53 -0.50 0.00	42.45 -0.56 0.00	42.36 -0.69 0.00	42.62 -0.52 0.00	44.93 -0.50 0.00	42.15 -0.60 0.00	37.96 -0.62 0.00	37.67 -0.61 0.00	34.75 -0.60 0.00	32.23 -0.59 0.00	32.26 -0.52 0.00
ELEC_TRO_TEK 24086	46.53 2.32 -5.48	42.49 1.91 -4.45	40.72 1.88 -3.95	40.45 1.77 -5.35	43.59 1.86 -7.35	46.18 1.99 -6.67	50.42 2.99 -4.03	53.35 3.56 -2.32	53.47 3.58 -3.40	50.40 3.56 0.00	53.42 3.82 -1.89	51.02 3.65 0.00	49.83 3.52 0.00	49.04 3.51 -0.50	46.72 3.27 -0.44	46.24 2.88 -0.31	51.09 3.28 -4.67	59.69 3.77 -10.49	55.81 2.99 -10.07	49.48 2.47 -8.43	43.31 2.56 -2.46	41.73 2.30 -4.08	40.58 1.97 -5.79	39.20 1.84 -4.58
ELLENBURG_WT_PWR 323604	39.97 1.24 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.53 1.20 0.00	35.58 1.20 0.00	38.76 1.24 0.00	44.26 0.87 0.00	47.80 0.33 0.00	46.77 0.28 0.00	47.26 0.42 0.00	48.24 0.53 0.00	47.94 0.57 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.21 1.20 0.00	44.21 1.16 0.00	44.17 1.03 0.00	46.57 1.14 0.00	44.20 1.45 0.00	39.92 1.35 0.00	39.47 1.19 0.00	36.41 1.06 0.00	33.90 1.08 0.00	34.26 1.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.48 -2.25 0.00	34.58 -1.55 0.00	33.32 -1.57 0.00	31.90 -1.43 0.00	32.90 -1.48 0.00	36.25 -1.28 0.00	40.27 -3.12 0.00	44.48 -2.99 0.00	43.52 -2.98 0.00	43.94 -2.90 0.00	44.23 -3.48 0.00	44.20 -3.17 0.00	43.44 -2.87 0.00	42.24 -2.79 0.00	40.04 -2.97 0.00	40.04 -3.01 0.00	40.64 -2.50 0.00	42.75 -2.68 0.00	39.89 -2.86 0.00	35.76 -2.82 0.00	35.49 -2.79 0.00	32.88 -2.47 0.00	30.95 -1.87 0.00	31.47 -1.31 0.00
EMPIRE_CC_1 323656	39.54 0.81 0.00	36.93 0.79 0.00	35.66 0.77 0.00	34.06 0.73 0.00	35.13 0.76 0.00	38.32 0.79 0.00	44.74 1.35 0.00	49.17 1.71 0.00	48.12 1.63 0.00	48.44 1.59 0.00	49.19 1.48 0.00	48.79 1.42 0.00	47.61 1.29 0.00	46.29 1.26 0.00	44.21 1.20 0.00	44.30 1.25 0.00	44.35 1.21 0.00	46.75 1.32 0.00	43.56 0.81 0.00	39.27 0.70 0.00	38.93 0.65 0.00	36.13 0.78 0.00	33.54 0.72 0.00	33.34 0.56 0.00
EMPIRE_CC_2 323658	39.54 0.81 0.00	36.93 0.79 0.00	35.66 0.77 0.00	34.06 0.73 0.00	35.13 0.76 0.00	38.32 0.79 0.00	44.74 1.35 0.00	49.17 1.71 0.00	48.12 1.63 0.00	48.44 1.59 0.00	49.19 1.48 0.00	48.79 1.42 0.00	47.61 1.29 0.00	46.29 1.26 0.00	44.21 1.20 0.00	44.30 1.25 0.00	44.35 1.21 0.00	46.75 1.32 0.00	43.56 0.81 0.00	39.27 0.70 0.00	38.93 0.65 0.00	36.13 0.78 0.00	33.54 0.72 0.00	33.34 0.56 0.00
ENORWICH_115KV_TB1 80156	41.75 3.02 0.00	39.06 2.93 0.00	37.44 2.55 0.00	35.83 2.50 0.00	36.92 2.54 0.00	40.72 3.19 0.00	47.35 3.95 0.00	52.59 5.13 0.00	51.09 4.60 0.00	51.48 4.64 0.00	52.39 4.68 0.00	52.20 4.83 0.00	50.90 4.58 0.00	49.89 4.86 0.00	47.44 4.43 0.00	47.10 4.05 0.00	47.50 4.36 0.00	50.20 4.77 0.00	47.15 4.40 0.00	42.28 3.70 0.00	41.84 3.56 0.00	38.32 2.97 0.00	35.41 2.59 0.00	35.44 2.66 0.00
ERIE_ST__34_KV_TB1-2 80199	37.10 -1.63 0.00	35.12 -1.01 0.00	33.88 -1.01 0.00	32.40 -0.93 0.00	33.48 -0.89 0.00	36.89 -0.64 0.00	41.10 -2.30 0.00	45.43 -2.04 0.00	44.45 -2.05 0.00	44.88 -1.97 0.00	45.18 -2.53 0.00	45.19 -2.18 0.00	44.46 -1.85 0.00	43.18 -1.85 0.00	40.94 -2.06 0.00	40.90 -2.15 0.00	41.50 -1.64 0.00	43.66 -1.77 0.00	40.74 -2.01 0.00	36.49 -2.08 0.00	36.18 -2.49 0.00	33.51 -2.11 0.00	31.44 -1.84 0.00	31.96 -0.82 0.00
ERIE_WT_PWR 323693	36.79 -1.94 0.00	34.87 -1.27 0.00	33.60 -1.29 0.00	32.13 -1.20 0.00	33.17 -1.20 0.00	36.55 -0.98 0.00	41.79 -1.60 0.00	45.05 -2.42 0.00	44.21 -2.28 0.00	44.36 -2.48 0.00	44.85 -2.86 0.00	44.77 -2.61 0.00	43.90 -2.41 0.00	42.73 -2.29 0.00	40.47 -2.54 0.00	40.81 -2.24 0.00	41.07 -2.07 0.00	43.16 -2.27 0.00	40.27 -2.48 0.00	36.10 -2.47 0.00	35.79 -2.49 0.00	33.16 -2.19 0.00	31.18 -1.64 0.00	31.70 -1.08 0.00
ESPRGFLD_115KV_TB1 80157	39.89 1.16 0.00	37.18 1.05 0.00	35.83 0.94 0.00	34.23 0.90 0.00	35.34 0.96 0.00	38.80 1.28 0.00	45.09 1.69 0.00	49.79 2.33 0.00	48.72 2.23 0.00	49.09 2.25 0.00	50.00 2.29 0.00	49.84 2.46 0.00	48.67 2.36 0.00	47.37 2.34 0.00	45.16 2.15 0.00	44.94 1.89 0.00	45.12 1.98 0.00	47.80 2.36 0.00	44.76 2.01 0.00	40.16 1.58 0.00	39.89 1.61 0.00	36.66 1.31 0.00	33.87 1.05 0.00	33.83 1.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.31 0.58 0.00	36.78 0.65 0.00	35.45 0.56 0.00	33.87 0.53 0.00	34.96 0.58 0.00	38.35 0.83 0.00	44.35 0.95 0.00	48.84 1.38 0.00	47.70 1.21 0.00	48.11 1.26 0.00	48.90 1.19 0.00	48.65 1.28 0.00	47.56 1.25 0.00	46.24 1.22 0.00	44.08 1.08 0.00	43.95 0.90 0.00	44.30 1.16 0.00	46.75 1.32 0.00	43.86 1.11 0.00	39.42 0.85 0.00	39.08 0.80 0.00	35.99 0.64 0.00	33.35 0.53 0.00	33.41 0.62 0.00
ETNA____115KV_TB2 80207	39.31 0.58 0.00	36.78 0.65 0.00	35.45 0.56 0.00	33.87 0.53 0.00	34.96 0.58 0.00	38.35 0.83 0.00	44.35 0.95 0.00	48.84 1.38 0.00	47.70 1.21 0.00	48.11 1.26 0.00	48.90 1.19 0.00	48.65 1.28 0.00	47.56 1.25 0.00	46.24 1.22 0.00	44.08 1.08 0.00	43.95 0.90 0.00	44.30 1.16 0.00	46.75 1.32 0.00	43.86 1.11 0.00	39.42 0.85 0.00	39.08 0.80 0.00	35.99 0.64 0.00	33.35 0.53 0.00	33.41 0.62 0.00
EUCLID__115KV_TB2 356179	37.68 -1.05 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.47 -0.87 0.00	33.52 -0.86 0.00	36.70 -0.83 0.00	42.35 -1.04 0.00	46.57 -0.90 0.00	45.56 -0.93 0.00	45.95 -0.89 0.00	46.76 -0.95 0.00	46.47 -0.90 0.00	45.43 -0.88 0.00	44.17 -0.86 0.00	42.15 -0.86 0.00	42.06 -0.99 0.00	42.32 -0.82 0.00	44.62 -0.82 0.00	41.81 -0.94 0.00	37.65 -0.93 0.00	37.36 -0.92 0.00	34.47 -0.88 0.00	32.00 -0.82 0.00	32.00 -0.79 0.00
E_CANADA_CAP_HY 24051	39.85 1.12 0.00	37.14 1.01 0.00	35.76 0.87 0.00	34.17 0.83 0.00	35.31 0.93 0.00	38.76 1.24 0.00	45.13 1.74 0.00	49.70 2.23 0.00	48.77 2.28 0.00	49.05 2.20 0.00	50.00 2.29 0.00	49.93 2.56 0.00	48.76 2.45 0.00	47.37 2.34 0.00	45.20 2.19 0.00	45.24 2.19 0.00	45.17 2.03 0.00	47.70 2.27 0.00	44.72 1.97 0.00	40.04 1.47 0.00	39.77 1.49 0.00	36.66 1.31 0.00	33.87 1.05 0.00	33.73 0.95 0.00
E_CANADA_MHWK_HY 24050	40.43 1.70 0.00	37.68 1.55 0.00	36.32 1.43 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.22 1.69 0.00	45.52 2.13 0.00	49.98 2.51 0.00	48.95 2.46 0.00	49.37 2.53 0.00	50.38 2.67 0.00	50.07 2.70 0.00	48.95 2.64 0.00	47.64 2.61 0.00	45.41 2.41 0.00	45.42 2.37 0.00	45.47 2.33 0.00	47.89 2.45 0.00	44.89 2.14 0.00	40.43 1.85 0.00	40.08 1.80 0.00	37.02 1.66 0.00	34.33 1.51 0.00	34.32 1.54 0.00
E_FISHKILL__LBMP 23776	40.24 1.51 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.76 1.24 0.00	45.44 2.04 0.00	49.98 2.52 0.00	49.05 2.56 0.00	49.37 2.53 0.00	50.33 2.62 0.00	49.88 2.51 0.00	48.77 2.45 0.00	47.42 2.39 0.00	45.24 2.24 0.00	44.90 1.85 0.00	45.25 2.11 0.00	47.93 2.50 0.00	44.59 1.84 0.00	40.08 1.50 0.00	39.85 1.57 0.00	36.77 1.41 0.00	34.03 1.21 0.00	33.90 1.11 0.00
FALCON__SEABRD_CC1 323796	40.32 1.59 0.00	37.65 1.52 0.00	36.39 1.50 0.00	34.83 1.50 0.00	35.85 1.48 0.00	39.10 1.58 0.00	44.66 1.26 0.00	47.89 0.43 0.00	46.86 0.37 0.00	47.36 0.52 0.00	48.38 0.67 0.00	48.08 0.71 0.00	48.03 1.71 0.00	46.70 1.67 0.00	44.64 1.63 0.00	44.64 1.59 0.00	44.61 1.47 0.00	47.07 1.63 0.00	44.72 1.97 0.00	40.31 1.74 0.00	39.85 1.57 0.00	36.77 1.42 0.00	34.20 1.38 0.00	34.78 2.00 0.00
FALCON__SEABRD_CC2 323797	40.32 1.59 0.00	37.65 1.52 0.00	36.39 1.50 0.00	34.83 1.50 0.00	35.85 1.48 0.00	39.10 1.58 0.00	44.66 1.26 0.00	47.89 0.43 0.00	46.86 0.37 0.00	47.36 0.52 0.00	48.38 0.67 0.00	48.08 0.71 0.00	48.03 1.71 0.00	46.70 1.67 0.00	44.64 1.63 0.00	44.64 1.59 0.00	44.61 1.47 0.00	47.07 1.63 0.00	44.72 1.97 0.00	40.31 1.74 0.00	39.85 1.57 0.00	36.77 1.42 0.00	34.20 1.38 0.00	34.78 2.00 0.00

FAR ROCKAWAY___4 23548	47.04 2.83 -5.48	42.96 2.38 -4.45	41.14 2.30 -3.95	40.88 2.20 -5.35	43.66 1.93 -7.35	46.26 2.06 -6.67	50.16 2.73 -4.03	53.06 3.28 -2.32	53.19 3.30 -3.40	50.12 3.28 0.00	53.18 3.58 -1.89	50.78 3.41 0.00	49.65 3.33 0.00	48.86 3.33 -0.50	46.50 3.05 -0.44	46.03 2.67 -0.31	50.87 3.06 -4.67	59.56 3.63 -10.49	55.68 2.86 -10.07	49.32 2.31 -8.43	43.46 2.72 -2.46	41.81 2.37 -4.08	40.65 2.03 -5.79	39.59 2.23 -4.58
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.55 1.82 0.00	37.50 1.37 0.00	36.22 1.33 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.83 2.43 0.00	50.41 2.94 0.00	49.56 3.07 0.00	49.94 3.09 0.00	51.00 3.29 0.00	50.55 3.17 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.46 2.41 0.00	46.03 2.89 0.00	48.84 3.41 0.00	45.36 2.61 0.00	40.70 2.12 0.00	40.58 2.30 0.00	37.37 2.02 0.00	34.46 1.64 0.00	34.26 1.48 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.55 1.82 0.00	37.50 1.37 0.00	36.22 1.33 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.94 3.09 0.00	51.00 3.29 0.00	50.55 3.17 0.00	49.41 3.10 0.00	48.00 2.97 0.00	45.80 2.80 0.00	45.46 2.41 0.00	46.03 2.89 0.00	48.84 3.41 0.00	45.36 2.61 0.00	40.66 2.08 0.00	40.58 2.30 0.00	37.37 2.02 0.00	34.46 1.64 0.00	34.26 1.48 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.78 2.39 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.31 2.56 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.19 1.41 0.00
FARRAGUT___LBMP 323566	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.32 2.85 0.00	49.42 2.93 0.00	49.84 3.00 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.72 2.71 0.00	45.37 2.32 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.58 2.01 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
FENNER___WINDPWR 24204	39.46 0.73 0.00	36.85 0.72 0.00	35.52 0.63 0.00	33.93 0.60 0.00	35.03 0.65 0.00	38.39 0.86 0.00	44.70 1.30 0.00	49.03 1.56 0.00	47.98 1.49 0.00	48.34 1.50 0.00	49.24 1.53 0.00	48.93 1.56 0.00	47.79 1.48 0.00	46.51 1.48 0.00	44.34 1.33 0.00	44.39 1.34 0.00	44.52 1.38 0.00	46.84 1.41 0.00	43.90 1.15 0.00	39.50 0.92 0.00	39.16 0.88 0.00	36.06 0.71 0.00	33.41 0.59 0.00	33.40 0.62 0.00
FIBERTEK___ENERGY 23856	38.19 -0.54 0.00	35.70 -0.43 0.00	34.44 -0.45 0.00	32.90 -0.43 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	42.92 -0.48 0.00	47.18 -0.28 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.33 -0.38 0.00	47.09 -0.28 0.00	46.03 -0.28 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.86 -0.42 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00
FITZPATRICK___ 23598	37.22 -1.51 0.00	34.76 -1.37 0.00	33.56 -1.33 0.00	32.07 -1.27 0.00	33.07 -1.31 0.00	36.18 -1.35 0.00	41.92 -1.48 0.00	45.85 -1.61 0.00	44.91 -1.58 0.00	45.20 -1.64 0.00	46.04 -1.67 0.00	45.71 -1.66 0.00	44.74 -1.57 0.00	43.50 -1.53 0.00	41.50 -1.51 0.00	41.54 -1.51 0.00	41.67 -1.47 0.00	43.89 -1.54 0.00	41.17 -1.58 0.00	37.11 -1.47 0.00	36.83 -1.45 0.00	34.01 -1.34 0.00	31.57 -1.25 0.00	31.57 -1.21 0.00
FLOWRFLD_69_KV_BK1 356044	47.62 3.41 -5.48	43.47 2.89 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.62 2.89 -7.35	47.34 3.15 -6.67	52.31 4.86 -4.05	55.51 5.70 -2.35	55.49 5.58 -3.42	52.02 5.15 -0.02	55.11 5.49 -1.91	52.46 5.07 -0.02	51.10 4.77 -0.02	50.05 4.50 -0.52	47.99 4.52 -0.46	47.64 4.26 -0.33	52.15 4.31 -4.69	60.40 4.45 -10.51	56.52 3.68 -10.09	50.46 3.43 -8.45	44.36 3.60 -2.48	42.51 3.08 -4.08	41.37 2.76 -5.79	40.02 2.66 -4.58
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.66 1.94 0.00	37.72 1.59 0.00	36.42 1.54 0.00	34.77 1.43 0.00	35.86 1.48 0.00	39.14 1.61 0.00	45.87 2.47 0.00	50.55 3.09 0.00	49.65 3.16 0.00	49.98 3.14 0.00	50.95 3.24 0.00	50.45 3.08 0.00	49.28 2.96 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.37 2.32 0.00	45.73 2.59 0.00	48.52 3.09 0.00	45.14 2.39 0.00	40.46 1.89 0.00	40.27 1.99 0.00	37.12 1.77 0.00	34.36 1.54 0.00	34.19 1.41 0.00
FORT ORANGE___ 23900	39.50 0.77 0.00	36.78 0.65 0.00	35.52 0.63 0.00	33.93 0.60 0.00	35.00 0.62 0.00	37.90 0.38 0.00	44.31 0.91 0.00	48.60 1.14 0.00	47.61 1.11 0.00	47.92 1.08 0.00	48.71 1.00 0.00	48.27 0.90 0.00	47.15 0.83 0.00	45.79 0.76 0.00	43.82 0.82 0.00	43.91 0.86 0.00	43.96 0.82 0.00	46.39 0.96 0.00	43.30 0.55 0.00	39.04 0.46 0.00	38.74 0.46 0.00	35.81 0.46 0.00	33.48 0.66 0.00	33.28 0.49 0.00
FORT_DRUM_COGEN 23780	38.96 0.23 0.00	36.38 0.25 0.00	35.03 0.14 0.00	33.50 0.17 0.00	34.48 0.10 0.00	37.75 0.23 0.00	43.74 0.35 0.00	48.46 1.00 0.00	47.28 0.79 0.00	47.87 1.03 0.00	48.66 0.95 0.00	48.27 0.90 0.00	47.14 0.83 0.00	46.11 1.08 0.00	43.95 0.95 0.00	44.00 0.95 0.00	44.22 1.08 0.00	46.57 1.14 0.00	43.78 1.03 0.00	39.46 0.89 0.00	38.89 0.61 0.00	35.78 0.42 0.00	33.12 0.30 0.00	33.05 0.26 0.00
FOX_HILLS___ESR 323835	40.43 1.70 0.00	37.25 1.12 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.61 1.09 0.00	45.48 2.08 0.00	50.22 2.75 0.00	49.42 2.93 0.00	49.89 3.04 0.00	51.00 3.29 0.00	50.55 3.17 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.80 2.80 0.00	45.42 2.37 0.00	46.03 2.89 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.70 2.12 0.00	55.95 2.41 -15.26	37.37 2.02 0.00	34.36 1.54 0.00	34.16 1.38 0.00
FPL_FAR_ROCK_GT1 24212	47.03 2.83 -5.48	42.96 2.38 -4.45	41.17 2.34 -3.95	40.88 2.20 -5.35	43.66 1.92 -7.35	46.25 2.06 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.27 3.67 -1.89	50.88 3.51 0.00	49.69 3.38 0.00	48.81 3.29 -0.50	46.50 3.05 -0.44	46.46 3.10 -0.31	51.13 3.32 -4.67	59.56 3.64 -10.49	55.68 2.86 -10.07	49.32 2.31 -8.43	43.46 2.72 -2.46	41.84 2.41 -4.08	40.65 2.04 -5.79	39.59 2.23 -4.58
FPL_FAR_ROCK_GT2 23815	47.03 2.83 -5.48	42.96 2.38 -4.45	41.17 2.34 -3.95	40.88 2.20 -5.35	43.66 1.92 -7.35	46.25 2.06 -6.67	50.24 2.82 -4.03	53.16 3.37 -2.32	53.24 3.35 -3.40	50.26 3.42 0.00	53.27 3.67 -1.89	50.88 3.51 0.00	49.69 3.38 0.00	48.81 3.29 -0.50	46.50 3.05 -0.44	46.46 3.10 -0.31	51.13 3.32 -4.67	59.56 3.64 -10.49	55.68 2.86 -10.07	49.32 2.31 -8.43	43.46 2.72 -2.46	41.84 2.41 -4.08	40.65 2.04 -5.79	39.59 2.23 -4.58

FRANKLIN_FALL_HYD 24054	40.47 1.74 0.00	37.76 1.63 0.00	36.56 1.67 0.00	34.93 1.60 0.00	35.96 1.58 0.00	39.10 1.58 0.00	44.91 1.52 0.00	48.84 1.38 0.00	47.89 1.39 0.00	48.39 1.55 0.00	49.43 1.72 0.00	49.13 1.75 0.00	48.02 1.71 0.00	46.69 1.67 0.00	44.68 1.68 0.00	45.12 2.07 0.00	44.95 1.81 0.00	46.93 1.50 0.00	44.63 1.88 0.00	40.23 1.66 0.00	39.77 1.49 0.00	36.84 1.48 0.00	34.26 1.44 0.00	34.52 1.74 0.00
FREEPORT_EQUS_GT1 23764	46.84 2.63 -5.48	42.78 2.20 -4.45	40.96 2.13 -3.95	40.71 2.03 -5.35	43.86 2.13 -7.35	46.48 2.29 -6.67	50.85 3.43 -4.03	53.82 4.03 -2.32	53.93 4.04 -3.40	50.92 4.07 0.00	53.84 4.24 -1.89	51.49 4.12 0.00	50.25 3.93 0.00	49.35 3.83 -0.50	47.06 3.61 -0.44	47.06 3.70 -0.31	51.74 3.93 -4.67	60.15 4.23 -10.49	56.28 3.46 -10.07	49.86 2.85 -8.43	43.65 2.91 -2.46	42.05 2.62 -4.08	40.85 2.23 -5.79	39.43 2.07 -4.58
FREEPORT___CT2 23818	46.84 2.63 -5.48	42.78 2.20 -4.45	40.96 2.13 -3.95	40.71 2.03 -5.35	43.86 2.13 -7.35	46.48 2.29 -6.67	50.85 3.43 -4.03	53.82 4.03 -2.32	53.93 4.04 -3.40	50.92 4.07 0.00	53.84 4.24 -1.89	51.49 4.12 0.00	50.25 3.93 0.00	49.35 3.83 -0.50	47.06 3.61 -0.44	47.06 3.70 -0.31	51.74 3.93 -4.67	60.15 4.23 -10.49	56.28 3.46 -10.07	49.86 2.85 -8.43	43.65 2.91 -2.46	42.05 2.62 -4.08	40.85 2.23 -5.79	39.43 2.07 -4.58
FRESHKLS_33_KV_LOAD 356253	40.32 1.59 0.00	37.14 1.01 0.00	35.90 1.01 0.00	34.27 0.93 0.00	35.41 1.03 0.00	38.50 0.98 0.00	45.35 1.95 0.00	50.08 2.61 0.00	49.23 2.74 0.00	49.70 2.86 0.00	50.81 3.10 0.00	50.36 2.98 0.00	49.23 2.92 0.00	47.87 2.84 0.00	45.63 2.62 0.00	45.29 2.24 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	55.91 2.37 -15.26	37.26 1.91 0.00	34.26 1.44 0.00	34.09 1.31 0.00
FULTON COGEN____ 23766	37.64 -1.08 0.00	35.19 -0.94 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.63 -0.90 0.00	42.22 -1.17 0.00	46.38 -1.09 0.00	45.42 -1.07 0.00	45.77 -1.08 0.00	46.61 -1.10 0.00	46.33 -1.04 0.00	45.34 -0.97 0.00	44.04 -0.99 0.00	42.02 -0.99 0.00	41.93 -1.12 0.00	42.15 -0.99 0.00	44.43 -1.00 0.00	41.72 -1.03 0.00	37.61 -0.96 0.00	37.32 -0.96 0.00	34.43 -0.92 0.00	31.93 -0.89 0.00	31.93 -0.85 0.00
FULTON___LFGE 323630	42.10 3.37 0.00	39.17 3.04 0.00	37.68 2.79 0.00	36.00 2.67 0.00	37.27 2.89 0.00	41.02 3.49 0.00	47.91 4.51 0.00	52.64 5.17 0.00	51.79 5.30 0.00	51.95 5.11 0.00	53.05 5.34 0.00	52.82 5.45 0.00	51.73 5.42 0.00	50.03 5.00 0.00	47.65 4.65 0.00	47.87 4.82 0.00	47.88 4.75 0.00	50.66 5.22 0.00	47.54 4.79 0.00	42.36 3.78 0.00	42.15 3.86 0.00	38.54 3.18 0.00	35.58 2.76 0.00	35.47 2.69 0.00
G.F.CEMENT___DRP 24184	39.97 1.24 0.00	37.22 1.08 0.00	35.87 0.98 0.00	34.27 0.93 0.00	35.37 1.00 0.00	38.69 1.16 0.00	45.22 1.82 0.00	49.84 2.37 0.00	49.09 2.60 0.00	49.42 2.58 0.00	50.48 2.77 0.00	50.12 2.75 0.00	48.86 2.55 0.00	47.42 2.39 0.00	45.24 2.24 0.00	44.86 1.81 0.00	45.04 1.90 0.00	47.75 2.32 0.00	44.67 1.92 0.00	40.08 1.50 0.00	39.81 1.53 0.00	36.56 1.20 0.00	34.53 1.71 0.00	34.32 1.54 0.00
GARDENVILLE___LBMP 24039	36.64 -2.09 0.00	34.72 -1.41 0.00	33.46 -1.43 0.00	32.00 -1.33 0.00	33.04 -1.34 0.00	36.40 -1.13 0.00	40.49 -2.91 0.00	44.71 -2.75 0.00	43.75 -2.74 0.00	44.17 -2.67 0.00	44.47 -3.24 0.00	44.48 -2.89 0.00	43.72 -2.59 0.00	42.46 -2.57 0.00	40.25 -2.75 0.00	40.25 -2.80 0.00	40.85 -2.29 0.00	42.93 -2.50 0.00	40.06 -2.69 0.00	35.91 -2.66 0.00	35.64 -2.64 0.00	33.02 -2.33 0.00	31.05 -1.77 0.00	31.57 -1.21 0.00
GARDNVLA_35_KV_LD 355827	36.83 -1.90 0.00	34.90 -1.23 0.00	33.63 -1.26 0.00	32.17 -1.17 0.00	33.21 -1.17 0.00	36.59 -0.94 0.00	40.71 -2.69 0.00	45.00 -2.47 0.00	44.03 -2.46 0.00	44.45 -2.39 0.00	44.75 -2.96 0.00	44.72 -2.65 0.00	44.00 -2.32 0.00	42.73 -2.30 0.00	40.51 -2.49 0.00	40.47 -2.58 0.00	41.11 -2.03 0.00	43.21 -2.23 0.00	40.31 -2.44 0.00	36.14 -2.43 0.00	35.83 -2.45 0.00	33.20 -2.16 0.00	31.21 -1.61 0.00	31.77 -1.02 0.00
GELCKHM___115KV_LOAD 80723	37.88 -0.85 0.00	35.41 -0.72 0.00	34.16 -0.73 0.00	32.63 -0.70 0.00	33.69 -0.69 0.00	36.89 -0.64 0.00	42.57 -0.82 0.00	46.80 -0.66 0.00	45.79 -0.70 0.00	46.14 -0.70 0.00	46.99 -0.72 0.00	46.71 -0.66 0.00	45.66 -0.65 0.00	44.40 -0.63 0.00	42.32 -0.69 0.00	42.27 -0.77 0.00	42.49 -0.65 0.00	44.84 -0.59 0.00	42.02 -0.73 0.00	37.84 -0.73 0.00	37.55 -0.73 0.00	34.65 -0.71 0.00	32.16 -0.66 0.00	32.16 -0.62 0.00
GENERAL___MILLS 23808	36.75 -1.98 0.00	34.83 -1.30 0.00	33.56 -1.33 0.00	32.10 -1.23 0.00	33.17 -1.20 0.00	36.55 -0.98 0.00	40.62 -2.78 0.00	44.90 -2.56 0.00	43.93 -2.56 0.00	44.31 -2.53 0.00	44.66 -3.05 0.00	44.62 -2.75 0.00	43.86 -2.45 0.00	42.64 -2.39 0.00	40.43 -2.58 0.00	40.38 -2.67 0.00	40.98 -2.16 0.00	43.12 -2.32 0.00	40.23 -2.52 0.00	36.07 -2.51 0.00	35.75 -2.53 0.00	33.13 -2.23 0.00	31.15 -1.67 0.00	31.70 -1.08 0.00
GE_PLASTICS___DRP 24183	39.42 0.70 0.00	36.75 0.61 0.00	35.45 0.56 0.00	33.87 0.53 0.00	34.93 0.55 0.00	38.09 0.56 0.00	44.39 1.00 0.00	48.80 1.33 0.00	47.79 1.30 0.00	48.11 1.26 0.00	49.00 1.29 0.00	48.56 1.18 0.00	47.47 1.16 0.00	46.15 1.13 0.00	44.08 1.08 0.00	43.82 0.77 0.00	44.00 0.86 0.00	46.61 1.18 0.00	43.52 0.77 0.00	39.19 0.62 0.00	38.89 0.61 0.00	35.92 0.57 0.00	33.41 0.59 0.00	33.24 0.46 0.00
GILBOA___1 23756	39.54 0.81 0.00	36.85 0.72 0.00	35.59 0.70 0.00	34.00 0.67 0.00	35.06 0.69 0.00	38.28 0.75 0.00	44.66 1.26 0.00	48.99 1.52 0.00	48.02 1.53 0.00	48.39 1.54 0.00	49.24 1.53 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.34 1.29 0.00	44.48 1.34 0.00	46.89 1.45 0.00	43.77 1.02 0.00	39.39 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.51 0.69 0.00	33.40 0.62 0.00
GILBOA___2 23757	39.54 0.81 0.00	36.85 0.72 0.00	35.59 0.70 0.00	34.00 0.67 0.00	35.06 0.69 0.00	38.28 0.75 0.00	44.66 1.26 0.00	48.99 1.52 0.00	48.02 1.53 0.00	48.39 1.54 0.00	49.24 1.53 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.34 1.29 0.00	44.48 1.34 0.00	46.89 1.45 0.00	43.77 1.02 0.00	39.39 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.51 0.69 0.00	33.40 0.62 0.00
GILBOA___3 23758	39.54 0.81 0.00	36.85 0.72 0.00	35.59 0.70 0.00	34.00 0.67 0.00	35.06 0.69 0.00	38.28 0.75 0.00	44.66 1.26 0.00	48.99 1.52 0.00	48.02 1.53 0.00	48.39 1.54 0.00	49.24 1.53 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.34 1.29 0.00	44.48 1.34 0.00	46.89 1.45 0.00	43.77 1.02 0.00	39.39 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.51 0.69 0.00	33.40 0.62 0.00

GILBOA___4 23759	39.54 0.81 0.00	36.85 0.72 0.00	35.59 0.70 0.00	34.00 0.67 0.00	35.06 0.69 0.00	38.28 0.75 0.00	44.66 1.26 0.00	48.99 1.52 0.00	48.02 1.53 0.00	48.39 1.54 0.00	49.24 1.53 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.34 1.29 0.00	44.48 1.34 0.00	46.89 1.45 0.00	43.77 1.02 0.00	39.39 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.51 0.69 0.00	33.40 0.62 0.00
GILBOA____ 23599	39.54 0.81 0.00	36.85 0.72 0.00	35.59 0.70 0.00	34.00 0.67 0.00	35.06 0.69 0.00	38.28 0.75 0.00	44.57 1.17 0.00	48.99 1.52 0.00	47.98 1.49 0.00	48.34 1.50 0.00	49.24 1.53 0.00	48.84 1.47 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.04 0.99 0.00	44.30 1.16 0.00	46.89 1.45 0.00	43.78 1.03 0.00	39.38 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.51 0.69 0.00	33.41 0.62 0.00
GINNA____ 23603	35.67 -3.06 0.00	33.60 -2.53 0.00	32.41 -2.48 0.00	30.93 -2.40 0.00	31.90 -2.48 0.00	35.09 -2.44 0.00	40.53 -2.87 0.00	44.24 -3.23 0.00	43.38 -3.11 0.00	43.56 -3.28 0.00	44.13 -3.58 0.00	43.96 -3.41 0.00	42.98 -3.33 0.00	41.79 -3.24 0.00	39.82 -3.18 0.00	39.99 -3.06 0.00	40.29 -2.85 0.00	42.34 -3.09 0.00	39.67 -3.08 0.00	35.64 -2.93 0.00	35.41 -2.87 0.00	32.63 -2.72 0.00	30.39 -2.43 0.00	30.59 -2.20 0.00
GLEN PARK____ 23778	39.12 0.39 0.00	36.53 0.40 0.00	35.14 0.25 0.00	33.60 0.27 0.00	34.58 0.21 0.00	37.90 0.38 0.00	44.05 0.65 0.00	48.75 1.28 0.00	47.56 1.07 0.00	48.15 1.31 0.00	48.90 1.19 0.00	48.51 1.14 0.00	47.38 1.07 0.00	46.34 1.31 0.00	44.21 1.20 0.00	44.25 1.20 0.00	44.48 1.34 0.00	46.89 1.45 0.00	44.08 1.33 0.00	39.69 1.12 0.00	39.12 0.84 0.00	35.95 0.60 0.00	33.28 0.46 0.00	33.21 0.43 0.00
GLENDALE_27_KV_LOAD 356172	40.63 1.90 0.00	37.50 1.37 0.00	36.25 1.36 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.87 2.47 0.00	50.60 3.13 0.00	49.75 3.25 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.88 3.51 0.00	49.69 3.38 0.00	48.32 3.29 0.00	46.10 3.10 0.00	45.72 2.67 0.00	46.33 3.19 0.00	49.16 3.73 0.00	45.66 2.91 0.00	40.93 2.35 0.00	40.81 2.53 0.00	37.55 2.19 0.00	34.56 1.74 0.00	34.36 1.57 0.00
GLENWOOD_IC_1_G5 23712	46.76 2.56 -5.48	42.71 2.13 -4.45	40.89 2.06 -3.95	40.65 1.97 -5.35	43.79 2.06 -7.35	46.44 2.25 -6.67	50.33 2.91 -4.03	53.30 3.51 -2.32	53.42 3.53 -3.40	50.36 3.51 0.00	53.42 3.82 -1.89	51.02 3.65 0.00	49.88 3.57 0.00	49.04 3.51 -0.50	46.72 3.27 -0.44	46.24 2.88 -0.31	51.05 3.24 -4.67	59.69 3.77 -10.49	55.81 2.99 -10.07	49.48 2.47 -8.43	43.27 2.53 -2.46	41.98 2.55 -4.08	40.78 2.17 -5.79	39.39 2.03 -4.58
GLENWOOD_IC_2_G1 23688	46.65 2.44 -5.48	42.60 2.02 -4.45	40.82 1.99 -3.95	40.54 1.87 -5.35	43.69 1.96 -7.35	46.33 2.14 -6.67	50.55 3.13 -4.03	53.49 3.70 -2.32	53.61 3.72 -3.40	50.64 3.79 0.00	53.51 3.91 -1.89	51.21 3.84 0.00	49.97 3.66 0.00	49.08 3.56 -0.50	46.81 3.36 -0.44	46.76 3.40 -0.31	51.39 3.58 -4.67	59.78 3.86 -10.49	55.90 3.08 -10.07	49.55 2.55 -8.43	43.38 2.64 -2.46	41.87 2.44 -4.08	40.68 2.07 -5.79	39.29 1.93 -4.58
GLENWOOD_IC_3_G1 23689	46.65 2.44 -5.48	42.60 2.02 -4.45	40.82 1.99 -3.95	40.54 1.87 -5.35	43.69 1.96 -7.35	46.33 2.14 -6.67	50.55 3.13 -4.03	53.49 3.70 -2.32	53.61 3.72 -3.40	50.64 3.79 0.00	53.51 3.91 -1.89	51.21 3.84 0.00	49.97 3.66 0.00	49.08 3.56 -0.50	46.81 3.36 -0.44	46.76 3.40 -0.31	51.39 3.58 -4.67	59.78 3.86 -10.49	55.90 3.08 -10.07	49.55 2.55 -8.43	43.38 2.64 -2.46	41.87 2.44 -4.08	40.68 2.07 -5.79	39.29 1.93 -4.58
GLENWOOD___4 23550	46.76 2.56 -5.48	42.71 2.13 -4.45	40.89 2.06 -3.95	40.65 1.97 -5.35	43.79 2.06 -7.35	46.44 2.25 -6.67	50.46 3.04 -4.03	53.44 3.65 -2.32	53.56 3.67 -3.40	50.50 3.65 0.00	53.51 3.91 -1.89	51.16 3.79 0.00	49.97 3.66 0.00	49.17 3.65 -0.50	46.85 3.40 -0.44	46.33 2.97 -0.31	51.17 3.36 -4.67	59.83 3.91 -10.49	55.94 3.12 -10.07	49.55 2.55 -8.43	43.38 2.64 -2.46	41.98 2.55 -4.08	40.78 2.17 -5.79	39.39 2.03 -4.58
GLENWOOD___5 23614	46.76 2.56 -5.48	42.71 2.13 -4.45	40.89 2.06 -3.95	40.65 1.97 -5.35	43.79 2.06 -7.35	46.44 2.25 -6.67	50.46 3.04 -4.03	53.44 3.65 -2.32	53.56 3.67 -3.40	50.50 3.65 0.00	53.51 3.91 -1.89	51.16 3.79 0.00	49.97 3.66 0.00	49.17 3.65 -0.50	46.85 3.40 -0.44	46.33 2.97 -0.31	51.17 3.36 -4.67	59.83 3.91 -10.49	55.94 3.12 -10.07	49.55 2.55 -8.43	43.38 2.64 -2.46	41.98 2.55 -4.08	40.78 2.17 -5.79	39.39 2.03 -4.58
GLOBAL GREEN_PORT_GT1 23814	49.09 4.88 -5.48	44.84 4.26 -4.45	42.92 4.08 -3.95	42.68 4.00 -5.35	45.96 4.23 -7.35	48.73 4.54 -6.67	54.25 6.81 -4.04	57.55 7.74 -2.34	57.49 7.58 -3.41	54.31 7.45 -0.02	57.05 7.44 -1.90	54.59 7.20 -0.02	53.14 6.81 -0.02	51.93 6.39 -0.51	49.74 6.28 -0.46	49.79 6.42 -0.32	54.04 6.21 -4.69	62.34 6.41 -10.50	58.39 5.56 -10.08	51.96 4.94 -8.45	45.89 5.13 -2.48	44.07 4.63 -4.08	42.58 3.97 -5.79	41.06 3.70 -4.58
GLOBE___DSASP 323697	35.20 -3.52 0.00	33.42 -2.71 0.00	32.24 -2.65 0.00	30.83 -2.50 0.00	31.80 -2.58 0.00	35.01 -2.51 0.00	38.67 -4.73 0.00	42.67 -4.79 0.00	41.75 -4.74 0.00	42.11 -4.73 0.00	42.41 -5.30 0.00	42.35 -5.02 0.00	41.63 -4.68 0.00	40.44 -4.59 0.00	38.40 -4.60 0.00	38.40 -4.65 0.00	39.04 -4.10 0.00	40.98 -4.45 0.00	38.26 -4.49 0.00	34.37 -4.20 0.00	34.15 -4.13 0.00	31.68 -3.68 0.00	29.90 -2.92 0.00	30.42 -2.36 0.00
GOETHSLN___LBMP 323567	40.32 1.59 0.00	37.25 1.12 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.69 1.16 0.00	45.57 2.17 0.00	50.08 2.61 0.00	49.19 2.70 0.00	49.61 2.76 0.00	50.62 2.91 0.00	50.21 2.84 0.00	49.04 2.73 0.00	47.69 2.66 0.00	45.50 2.49 0.00	45.16 2.11 0.00	45.68 2.55 0.00	48.48 3.04 0.00	45.06 2.31 0.00	40.39 1.81 0.00	40.31 2.03 0.00	37.16 1.80 0.00	34.23 1.41 0.00	34.03 1.25 0.00
GOLAH___69_KV_TB 1_2 80279	37.26 -1.47 0.00	35.16 -0.98 0.00	34.05 -0.84 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.93 -0.60 0.00	41.49 -1.91 0.00	45.81 -1.66 0.00	44.82 -1.67 0.00	45.16 -1.69 0.00	45.61 -2.10 0.00	45.43 -1.94 0.00	44.55 -1.76 0.00	43.27 -1.76 0.00	41.20 -1.81 0.00	41.24 -1.81 0.00	41.89 -1.25 0.00	44.07 -1.36 0.00	41.30 -1.45 0.00	37.11 -1.47 0.00	36.90 -1.38 0.00	34.08 -1.27 0.00	31.87 -0.95 0.00	32.23 -0.56 0.00
GOODYEAR_LAKE_HYD 323669	40.01 1.28 0.00	37.32 1.19 0.00	35.94 1.05 0.00	34.37 1.03 0.00	35.44 1.07 0.00	38.84 1.31 0.00	45.18 1.78 0.00	49.84 2.37 0.00	48.77 2.28 0.00	49.14 2.30 0.00	50.00 2.29 0.00	49.74 2.37 0.00	48.58 2.27 0.00	47.37 2.34 0.00	45.11 2.11 0.00	44.90 1.85 0.00	45.12 1.98 0.00	47.75 2.32 0.00	44.67 1.92 0.00	40.16 1.58 0.00	39.89 1.61 0.00	36.70 1.34 0.00	33.94 1.12 0.00	33.90 1.11 0.00

GOUDEY___7 345031	39.08 0.35 0.00	36.53 0.40 0.00	35.27 0.38 0.00	33.70 0.37 0.00	34.76 0.38 0.00	38.09 0.56 0.00	43.96 0.56 0.00	48.32 0.85 0.00	47.28 0.79 0.00	47.59 0.75 0.00	48.38 0.67 0.00	48.08 0.71 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.61 0.60 0.00	43.48 0.43 0.00	43.83 0.69 0.00	46.25 0.82 0.00	43.31 0.56 0.00	38.92 0.35 0.00	38.63 0.34 0.00	35.64 0.28 0.00	33.05 0.23 0.00	33.18 0.39 0.00
GOUDEY___7 23579	39.12 0.39 0.00	36.57 0.43 0.00	35.27 0.38 0.00	33.70 0.37 0.00	34.79 0.41 0.00	38.13 0.60 0.00	44.00 0.61 0.00	48.37 0.90 0.00	47.33 0.84 0.00	47.64 0.80 0.00	48.43 0.72 0.00	48.13 0.76 0.00	47.10 0.79 0.00	45.79 0.77 0.00	43.69 0.69 0.00	43.52 0.47 0.00	43.87 0.73 0.00	46.30 0.86 0.00	43.35 0.60 0.00	38.96 0.39 0.00	38.66 0.38 0.00	35.67 0.32 0.00	33.08 0.26 0.00	33.21 0.43 0.00
GOUDEY___8 23580	39.08 0.35 0.00	36.53 0.40 0.00	35.27 0.38 0.00	33.70 0.37 0.00	34.76 0.38 0.00	38.09 0.56 0.00	43.96 0.56 0.00	48.32 0.85 0.00	47.28 0.79 0.00	47.59 0.75 0.00	48.38 0.67 0.00	48.08 0.71 0.00	47.05 0.74 0.00	45.75 0.72 0.00	43.61 0.60 0.00	43.48 0.43 0.00	43.83 0.69 0.00	46.25 0.82 0.00	43.31 0.56 0.00	38.92 0.35 0.00	38.63 0.34 0.00	35.64 0.28 0.00	33.05 0.23 0.00	33.18 0.39 0.00
GOWANUS_GT1_1 24077	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT1_2 24078	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT1_3 24079	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT1_4 24080	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT1_5 24084	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT1_6 24111	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT1_7 24112	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT1_8 24113	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT2_1 24114	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT2_2 24115	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT2_3 24116	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT2_4 24117	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00

GOWANUS_GT2_5 24118	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT2_6 24119	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT2_7 24120	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT2_8 24121	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_1 24122	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_2 24123	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_3 24124	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_4 24125	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_5 24126	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_6 24127	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_7 24128	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT3_8 24129	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT4_1 24130	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT4_2 24131	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT4_3 24132	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00

GOWANUS_GT4_4 24133	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT4_5 24134	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT4_6 24135	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT4_7 24136	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GOWANUS_GT4_8 24137	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GREENBSH_115KV_TB3 55895	39.27 0.54 0.00	36.57 0.43 0.00	35.31 0.42 0.00	33.73 0.40 0.00	34.79 0.41 0.00	37.90 0.38 0.00	44.26 0.87 0.00	48.65 1.19 0.00	47.61 1.12 0.00	47.92 1.08 0.00	48.81 1.10 0.00	48.37 0.99 0.00	47.28 0.97 0.00	45.93 0.90 0.00	43.91 0.90 0.00	43.61 0.56 0.00	43.83 0.69 0.00	46.43 1.00 0.00	43.31 0.56 0.00	39.00 0.42 0.00	38.74 0.46 0.00	35.78 0.42 0.00	33.28 0.46 0.00	33.08 0.30 0.00
GREENDGE_115KV_TB5 80291	38.38 -0.35 0.00	36.31 0.18 0.00	34.99 0.10 0.00	33.43 0.10 0.00	34.55 0.17 0.00	37.75 0.23 0.00	43.31 -0.09 0.00	47.75 0.28 0.00	46.68 0.19 0.00	46.98 0.14 0.00	47.66 -0.05 0.00	47.47 0.09 0.00	46.45 0.14 0.00	45.12 0.09 0.00	42.96 -0.04 0.00	42.88 -0.17 0.00	43.27 0.13 0.00	45.62 0.18 0.00	42.75 0.00 0.00	38.57 0.00 0.00	38.09 -0.19 0.00	35.25 -0.11 0.00	32.72 -0.10 0.00	32.98 0.20 0.00
GREENIDGE___3 23582	38.38 -0.35 0.00	36.31 0.18 0.00	34.99 0.10 0.00	33.43 0.10 0.00	34.55 0.17 0.00	37.75 0.23 0.00	43.31 -0.09 0.00	47.75 0.28 0.00	46.68 0.19 0.00	46.98 0.14 0.00	47.66 -0.05 0.00	47.47 0.09 0.00	46.45 0.14 0.00	45.12 0.09 0.00	42.96 -0.04 0.00	42.88 -0.17 0.00	43.27 0.13 0.00	45.62 0.18 0.00	42.75 0.00 0.00	38.57 0.00 0.00	38.09 -0.19 0.00	35.25 -0.11 0.00	32.72 -0.10 0.00	32.98 0.20 0.00
GREENIDGE___4 23583	38.38 -0.35 0.00	36.31 0.18 0.00	34.99 0.10 0.00	33.43 0.10 0.00	34.55 0.17 0.00	37.83 0.30 0.00	43.79 0.39 0.00	47.85 0.38 0.00	46.82 0.33 0.00	46.98 0.14 0.00	47.71 0.00 0.00	47.51 0.14 0.00	46.45 0.14 0.00	45.12 0.09 0.00	42.96 -0.04 0.00	43.14 0.09 0.00	43.36 0.22 0.00	45.62 0.18 0.00	42.75 0.00 0.00	38.57 0.00 0.00	38.09 -0.19 0.00	35.25 -0.11 0.00	32.72 -0.10 0.00	32.95 0.16 0.00
GREENLWN_69_KV_BK 3 55738	47.35 3.14 -5.48	43.22 2.64 -4.45	41.35 2.51 -3.95	41.08 2.40 -5.35	44.38 2.65 -7.35	47.12 2.93 -6.67	52.67 5.25 -4.02	55.91 6.12 -2.32	55.79 5.90 -3.39	51.85 5.01 0.01	55.08 5.49 -1.88	52.06 4.69 0.01	50.38 4.08 0.01	48.94 3.42 -0.49	47.31 3.87 -0.43	47.14 3.79 -0.30	51.04 3.24 -4.66	58.69 2.77 -10.48	54.99 2.18 -10.06	49.58 2.58 -8.43	43.57 2.83 -2.45	41.49 2.05 -4.08	40.75 2.13 -5.79	39.79 2.43 -4.58
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00
GRISSOM___SOLAR 323813	42.10 3.37 0.00	39.17 3.04 0.00	37.68 2.79 0.00	36.00 2.67 0.00	37.27 2.89 0.00	41.02 3.49 0.00	47.91 4.51 0.00	52.64 5.17 0.00	51.79 5.30 0.00	51.95 5.11 0.00	53.05 5.34 0.00	52.82 5.45 0.00	51.73 5.42 0.00	50.03 5.00 0.00	47.65 4.65 0.00	47.87 4.82 0.00	47.88 4.75 0.00	50.66 5.22 0.00	47.54 4.79 0.00	42.36 3.78 0.00	42.15 3.86 0.00	38.54 3.18 0.00	35.58 2.76 0.00	35.47 2.69 0.00
GROVEVILLE___HYD 323602	40.66 1.94 0.00	37.72 1.59 0.00	36.42 1.54 0.00	34.77 1.43 0.00	35.86 1.48 0.00	39.14 1.61 0.00	45.87 2.47 0.00	50.55 3.09 0.00	49.65 3.16 0.00	49.98 3.14 0.00	50.95 3.24 0.00	50.45 3.08 0.00	49.28 2.96 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.37 2.32 0.00	45.73 2.59 0.00	48.52 3.09 0.00	45.14 2.39 0.00	40.46 1.89 0.00	40.27 1.99 0.00	37.12 1.77 0.00	34.36 1.54 0.00	34.19 1.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.19 -0.54 0.00	35.70 -0.43 0.00	34.44 -0.45 0.00	32.90 -0.43 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	42.92 -0.48 0.00	47.18 -0.28 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.33 -0.38 0.00	47.09 -0.28 0.00	46.03 -0.28 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.86 -0.42 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	38.22 -0.50 0.00	35.77 -0.36 0.00	34.51 -0.38 0.00	32.97 -0.37 0.00	34.00 -0.38 0.00	37.26 -0.26 0.00	43.01 -0.39 0.00	47.32 -0.14 0.00	46.31 -0.19 0.00	46.66 -0.19 0.00	47.47 -0.24 0.00	47.23 -0.14 0.00	46.22 -0.09 0.00	44.85 -0.18 0.00	42.79 -0.22 0.00	42.70 -0.34 0.00	42.92 -0.22 0.00	45.30 -0.14 0.00	42.45 -0.30 0.00	38.23 -0.35 0.00	37.94 -0.34 0.00	34.96 -0.39 0.00	32.46 -0.36 0.00	32.49 -0.30 0.00

HAMPSHIRE___PAPER_HYD 323593	38.81 0.08 0.00	36.20 0.07 0.00	34.99 0.10 0.00	33.50 0.17 0.00	34.41 0.03 0.00	37.27 -0.26 0.00	42.83 -0.57 0.00	47.04 -0.43 0.00	45.98 -0.51 0.00	46.70 -0.14 0.00	47.57 -0.14 0.00	47.18 -0.19 0.00	46.17 -0.14 0.00	45.03 0.00 0.00	43.01 0.00 0.00	43.01 -0.04 0.00	43.05 -0.09 0.00	45.12 -0.32 0.00	42.71 -0.04 0.00	38.57 0.00 0.00	38.01 -0.27 0.00	35.18 -0.18 0.00	32.85 0.03 0.00	32.92 0.13 0.00
HARDSCRABBLE_WT_PWR 323673	40.05 1.32 0.00	37.32 1.19 0.00	35.97 1.08 0.00	34.40 1.07 0.00	35.48 1.10 0.00	38.88 1.35 0.00	45.13 1.74 0.00	49.61 2.14 0.00	48.53 2.04 0.00	49.00 2.16 0.00	50.00 2.29 0.00	49.69 2.32 0.00	48.58 2.27 0.00	47.28 2.25 0.00	45.11 2.11 0.00	45.07 2.02 0.00	45.12 1.99 0.00	47.52 2.09 0.00	44.50 1.75 0.00	40.12 1.54 0.00	39.74 1.45 0.00	36.70 1.34 0.00	34.04 1.22 0.00	34.00 1.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.32 1.59 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.48 2.08 0.00	50.08 2.61 0.00	49.09 2.60 0.00	49.42 2.58 0.00	50.38 2.67 0.00	49.93 2.56 0.00	48.77 2.45 0.00	47.42 2.39 0.00	45.24 2.24 0.00	44.99 1.94 0.00	45.34 2.20 0.00	48.11 2.68 0.00	44.80 2.05 0.00	40.19 1.62 0.00	40.00 1.72 0.00	36.87 1.52 0.00	34.07 1.25 0.00	33.90 1.11 0.00
HARSNRAD_115KV_TB1 81005	35.90 -2.83 0.00	34.11 -2.02 0.00	32.87 -2.02 0.00	31.43 -1.90 0.00	32.42 -1.96 0.00	35.61 -1.91 0.00	39.45 -3.95 0.00	43.57 -3.89 0.00	42.63 -3.86 0.00	43.00 -3.84 0.00	43.27 -4.44 0.00	43.25 -4.12 0.00	42.51 -3.80 0.00	41.29 -3.74 0.00	39.18 -3.83 0.00	39.22 -3.83 0.00	39.86 -3.28 0.00	41.89 -3.54 0.00	39.07 -3.68 0.00	35.06 -3.51 0.00	34.80 -3.48 0.00	32.52 -2.83 0.00	30.62 -2.20 0.00	31.14 -1.64 0.00
HARZA MOOSE___RIVER 24016	39.50 0.77 0.00	36.85 0.72 0.00	35.52 0.63 0.00	33.97 0.63 0.00	35.00 0.62 0.00	38.28 0.75 0.00	44.44 1.04 0.00	48.99 1.52 0.00	47.89 1.39 0.00	48.39 1.55 0.00	49.24 1.53 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.56 1.53 0.00	44.38 1.38 0.00	44.34 1.29 0.00	44.52 1.38 0.00	46.89 1.45 0.00	44.03 1.28 0.00	39.65 1.08 0.00	39.08 0.80 0.00	35.99 0.64 0.00	33.35 0.53 0.00	33.31 0.52 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.84 -0.89 0.00	35.37 -0.76 0.00	34.12 -0.77 0.00	32.60 -0.73 0.00	33.66 -0.72 0.00	36.85 -0.68 0.00	42.53 -0.87 0.00	46.76 -0.71 0.00	45.79 -0.70 0.00	46.14 -0.70 0.00	46.99 -0.72 0.00	46.71 -0.66 0.00	45.71 -0.60 0.00	44.40 -0.63 0.00	42.32 -0.69 0.00	42.23 -0.82 0.00	42.49 -0.65 0.00	44.80 -0.64 0.00	42.02 -0.73 0.00	37.80 -0.77 0.00	37.52 -0.77 0.00	34.61 -0.74 0.00	32.13 -0.69 0.00	32.13 -0.66 0.00
HELLGATE_13_KV_LD 55870	40.47 1.74 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.76 1.24 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.73 2.16 0.00	40.62 2.34 0.00	37.37 2.02 0.00	34.40 1.58 0.00	34.19 1.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.47 1.74 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.76 1.24 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.73 2.16 0.00	40.62 2.34 0.00	37.37 2.02 0.00	34.40 1.58 0.00	34.19 1.41 0.00
HEMPSTEAD___ 23647	46.65 2.44 -5.48	42.60 2.02 -4.45	40.82 1.99 -3.95	40.54 1.87 -5.35	43.69 1.96 -7.35	46.33 2.14 -6.67	50.59 3.17 -4.03	53.54 3.75 -2.32	53.65 3.76 -3.40	50.69 3.84 0.00	53.61 4.01 -1.89	51.26 3.89 0.00	50.02 3.71 0.00	49.13 3.60 -0.50	46.85 3.40 -0.44	46.80 3.45 -0.31	51.47 3.66 -4.67	59.83 3.91 -10.49	55.98 3.16 -10.07	49.59 2.58 -8.43	43.38 2.64 -2.46	41.87 2.44 -4.08	40.68 2.07 -5.79	39.29 1.93 -4.58
HEWLETT_69_KV_BK3 55828	46.84 2.63 -5.48	42.78 2.20 -4.45	41.00 2.16 -3.95	40.71 2.03 -5.35	43.66 1.93 -7.35	46.22 2.03 -6.67	50.29 2.86 -4.03	53.20 3.42 -2.32	53.33 3.44 -3.40	50.26 3.42 0.00	53.32 3.72 -1.89	50.93 3.55 0.00	49.78 3.47 0.00	48.95 3.42 -0.50	46.63 3.18 -0.44	46.15 2.80 -0.31	51.00 3.19 -4.67	59.65 3.73 -10.49	55.77 2.95 -10.07	49.44 2.43 -8.43	43.42 2.68 -2.46	41.81 2.37 -4.08	40.62 2.00 -5.79	39.43 2.07 -4.58
HICKLING___1 23621	38.61 -0.12 0.00	36.28 0.14 0.00	34.99 0.10 0.00	33.47 0.13 0.00	34.55 0.17 0.00	37.98 0.45 0.00	43.40 0.00 0.00	47.66 0.19 0.00	46.63 0.14 0.00	46.94 0.09 0.00	47.57 -0.14 0.00	47.42 0.05 0.00	46.45 0.14 0.00	45.12 0.09 0.00	42.92 -0.09 0.00	42.79 -0.26 0.00	43.23 0.09 0.00	45.62 0.18 0.00	42.66 -0.09 0.00	38.27 -0.31 0.00	37.94 -0.34 0.00	35.04 -0.32 0.00	32.56 -0.26 0.00	32.95 0.16 0.00
HICKLING___2 23622	38.61 -0.12 0.00	36.28 0.14 0.00	34.99 0.10 0.00	33.47 0.13 0.00	34.55 0.17 0.00	37.98 0.45 0.00	43.40 0.00 0.00	47.66 0.19 0.00	46.63 0.14 0.00	46.94 0.09 0.00	47.57 -0.14 0.00	47.42 0.05 0.00	46.45 0.14 0.00	45.12 0.09 0.00	42.92 -0.09 0.00	42.79 -0.26 0.00	43.23 0.09 0.00	45.62 0.18 0.00	42.66 -0.09 0.00	38.27 -0.31 0.00	37.94 -0.34 0.00	35.04 -0.32 0.00	32.56 -0.26 0.00	32.95 0.16 0.00
HIGH FALLS___HY 23754	40.63 1.90 0.00	37.65 1.52 0.00	36.39 1.50 0.00	34.70 1.37 0.00	35.82 1.44 0.00	39.06 1.54 0.00	45.87 2.47 0.00	50.51 3.04 0.00	49.56 3.07 0.00	49.84 3.00 0.00	50.67 2.96 0.00	50.17 2.79 0.00	48.63 2.32 0.00	47.24 2.21 0.00	45.11 2.11 0.00	44.90 1.85 0.00	45.38 2.24 0.00	48.25 2.82 0.00	44.93 2.18 0.00	40.23 1.66 0.00	40.35 2.07 0.00	37.16 1.80 0.00	34.33 1.51 0.00	34.16 1.38 0.00
HILLBURN___GT 23639	40.28 1.55 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.43 1.10 0.00	35.55 1.17 0.00	38.76 1.24 0.00	45.56 2.17 0.00	50.12 2.66 0.00	49.09 2.60 0.00	49.47 2.62 0.00	50.38 2.67 0.00	49.98 2.60 0.00	48.76 2.45 0.00	47.37 2.34 0.00	45.24 2.23 0.00	45.33 2.28 0.00	45.55 2.41 0.00	48.07 2.63 0.00	44.76 2.01 0.00	40.16 1.58 0.00	39.96 1.68 0.00	36.87 1.52 0.00	34.04 1.22 0.00	33.83 1.05 0.00
HILLSIDE_115KV_TB1 80332	38.19 -0.54 0.00	35.84 -0.29 0.00	34.61 -0.28 0.00	33.07 -0.27 0.00	34.14 -0.24 0.00	37.49 -0.04 0.00	42.88 -0.52 0.00	47.09 -0.38 0.00	46.03 -0.46 0.00	46.33 -0.52 0.00	46.95 -0.76 0.00	46.80 -0.57 0.00	45.85 -0.46 0.00	44.53 -0.50 0.00	42.40 -0.60 0.00	42.27 -0.77 0.00	42.66 -0.47 0.00	45.02 -0.41 0.00	42.15 -0.60 0.00	37.80 -0.77 0.00	37.52 -0.77 0.00	34.61 -0.74 0.00	32.20 -0.62 0.00	32.52 -0.26 0.00

HISHELDN_WT_PWR 323625	36.83 -1.90 0.00	34.83 -1.30 0.00	33.56 -1.33 0.00	32.10 -1.23 0.00	33.17 -1.20 0.00	36.51 -1.01 0.00	41.84 -1.56 0.00	45.19 -2.28 0.00	44.35 -2.14 0.00	44.50 -2.34 0.00	44.99 -2.72 0.00	44.91 -2.47 0.00	44.04 -2.27 0.00	42.82 -2.21 0.00	40.60 -2.41 0.00	40.90 -2.15 0.00	41.16 -1.98 0.00	43.25 -2.18 0.00	40.36 -2.39 0.00	36.10 -2.47 0.00	35.79 -2.49 0.00	33.16 -2.19 0.00	31.11 -1.71 0.00	31.60 -1.18 0.00
HOLTSVILLE_IC_1 23690	47.34 3.14 -5.48	43.21 2.64 -4.45	41.35 2.51 -3.95	41.11 2.43 -5.35	44.34 2.61 -7.35	47.01 2.82 -6.67	51.70 4.26 -4.04	54.74 4.94 -2.34	54.83 4.93 -3.41	51.73 4.87 -0.02	54.43 4.82 -1.90	52.08 4.69 -0.02	50.77 4.45 -0.02	49.82 4.28 -0.51	47.63 4.17 -0.46	47.63 4.26 -0.32	52.14 4.31 -4.69	60.39 4.46 -10.50	56.51 3.68 -10.08	50.22 3.20 -8.45	44.09 3.33 -2.48	42.48 3.04 -4.08	41.24 2.63 -5.79	39.79 2.43 -4.58
HOLTSVILLE_IC_10 23699	47.62 3.41 -5.48	43.47 2.89 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.13 4.69 -4.05	55.22 5.41 -2.34	55.30 5.39 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.51 5.12 -0.02	51.14 4.82 -0.02	50.18 4.64 -0.51	47.98 4.51 -0.46	48.02 4.65 -0.32	52.49 4.66 -4.69	60.71 4.77 -10.50	56.81 3.98 -10.08	50.53 3.51 -8.45	44.40 3.64 -2.48	42.69 3.25 -4.08	41.44 2.82 -5.79	39.98 2.62 -4.58
HOLTSVILLE_IC_2 23691	47.34 3.14 -5.48	43.21 2.64 -4.45	41.35 2.51 -3.95	41.11 2.43 -5.35	44.34 2.61 -7.35	47.01 2.82 -6.67	51.70 4.26 -4.04	54.74 4.94 -2.34	54.83 4.93 -3.41	51.73 4.87 -0.02	54.43 4.82 -1.90	52.08 4.69 -0.02	50.77 4.45 -0.02	49.82 4.28 -0.51	47.63 4.17 -0.46	47.63 4.26 -0.32	52.14 4.31 -4.69	60.39 4.46 -10.50	56.51 3.68 -10.08	50.22 3.20 -8.45	44.09 3.33 -2.48	42.48 3.04 -4.08	41.24 2.63 -5.79	39.79 2.43 -4.58
HOLTSVILLE_IC_3 23692	47.34 3.14 -5.48	43.21 2.64 -4.45	41.35 2.51 -3.95	41.11 2.43 -5.35	44.34 2.61 -7.35	47.01 2.82 -6.67	51.70 4.26 -4.04	54.74 4.94 -2.34	54.83 4.93 -3.41	51.73 4.87 -0.02	54.43 4.82 -1.90	52.08 4.69 -0.02	50.77 4.45 -0.02	49.82 4.28 -0.51	47.63 4.17 -0.46	47.63 4.26 -0.32	52.14 4.31 -4.69	60.39 4.46 -10.50	56.51 3.68 -10.08	50.22 3.20 -8.45	44.09 3.33 -2.48	42.48 3.04 -4.08	41.24 2.63 -5.79	39.79 2.43 -4.58
HOLTSVILLE_IC_4 23693	47.34 3.14 -5.48	43.21 2.64 -4.45	41.35 2.51 -3.95	41.11 2.43 -5.35	44.34 2.61 -7.35	47.01 2.82 -6.67	51.70 4.26 -4.04	54.74 4.94 -2.34	54.83 4.93 -3.41	51.73 4.87 -0.02	54.43 4.82 -1.90	52.08 4.69 -0.02	50.77 4.45 -0.02	49.82 4.28 -0.51	47.63 4.17 -0.46	47.63 4.26 -0.32	52.14 4.31 -4.69	60.39 4.46 -10.50	56.51 3.68 -10.08	50.22 3.20 -8.45	44.09 3.33 -2.48	42.48 3.04 -4.08	41.24 2.63 -5.79	39.79 2.43 -4.58
HOLTSVILLE_IC_5 23694	47.34 3.14 -5.48	43.21 2.64 -4.45	41.35 2.51 -3.95	41.11 2.43 -5.35	44.34 2.61 -7.35	47.01 2.82 -6.67	51.70 4.26 -4.04	54.74 4.94 -2.34	54.83 4.93 -3.41	51.73 4.87 -0.02	54.43 4.82 -1.90	52.08 4.69 -0.02	50.77 4.45 -0.02	49.82 4.28 -0.51	47.63 4.17 -0.46	47.63 4.26 -0.32	52.14 4.31 -4.69	60.39 4.46 -10.50	56.51 3.68 -10.08	50.22 3.20 -8.45	44.09 3.33 -2.48	42.48 3.04 -4.08	41.24 2.63 -5.79	39.79 2.43 -4.58
HOLTSVILLE_IC_6 23695	47.62 3.41 -5.48	43.47 2.89 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.13 4.69 -4.05	55.22 5.41 -2.34	55.30 5.39 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.51 5.12 -0.02	51.14 4.82 -0.02	50.18 4.64 -0.51	47.98 4.51 -0.46	48.02 4.65 -0.32	52.49 4.66 -4.69	60.71 4.77 -10.50	56.81 3.98 -10.08	50.53 3.51 -8.45	44.40 3.64 -2.48	42.69 3.25 -4.08	41.44 2.82 -5.79	39.98 2.62 -4.58
HOLTSVILLE_IC_7 23696	47.62 3.41 -5.48	43.47 2.89 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.13 4.69 -4.05	55.22 5.41 -2.34	55.30 5.39 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.51 5.12 -0.02	51.14 4.82 -0.02	50.18 4.64 -0.51	47.98 4.51 -0.46	48.02 4.65 -0.32	52.49 4.66 -4.69	60.71 4.77 -10.50	56.81 3.98 -10.08	50.53 3.51 -8.45	44.40 3.64 -2.48	42.69 3.25 -4.08	41.44 2.82 -5.79	39.98 2.62 -4.58
HOLTSVILLE_IC_8 23697	47.62 3.41 -5.48	43.47 2.89 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.13 4.69 -4.05	55.22 5.41 -2.34	55.30 5.39 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.51 5.12 -0.02	51.14 4.82 -0.02	50.18 4.64 -0.51	47.98 4.51 -0.46	48.02 4.65 -0.32	52.49 4.66 -4.69	60.71 4.77 -10.50	56.81 3.98 -10.08	50.53 3.51 -8.45	44.40 3.64 -2.48	42.69 3.25 -4.08	41.44 2.82 -5.79	39.98 2.62 -4.58
HOLTSVILLE_IC_9 23698	47.62 3.41 -5.48	43.47 2.89 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.13 4.69 -4.05	55.22 5.41 -2.34	55.30 5.39 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.51 5.12 -0.02	51.14 4.82 -0.02	50.18 4.64 -0.51	47.98 4.51 -0.46	48.02 4.65 -0.32	52.49 4.66 -4.69	60.71 4.77 -10.50	56.81 3.98 -10.08	50.53 3.51 -8.45	44.40 3.64 -2.48	42.69 3.25 -4.08	41.44 2.82 -5.79	39.98 2.62 -4.58
HOMER_HL_115KV_TB2 355744	37.33 -1.39 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.57 -0.77 0.00	33.66 -0.72 0.00	37.08 -0.45 0.00	41.62 -1.78 0.00	45.76 -1.71 0.00	44.72 -1.77 0.00	45.06 -1.78 0.00	45.37 -2.34 0.00	45.43 -1.94 0.00	44.64 -1.67 0.00	43.41 -1.62 0.00	41.11 -1.89 0.00	41.03 -2.02 0.00	41.59 -1.55 0.00	43.84 -1.59 0.00	40.91 -1.84 0.00	36.65 -1.93 0.00	36.29 -1.99 0.00	33.59 -1.77 0.00	31.44 -1.38 0.00	32.06 -0.72 0.00
HOWARD_WT_PWR 323690	38.34 -0.39 0.00	36.13 0.00 0.00	34.79 -0.10 0.00	33.27 -0.07 0.00	34.41 0.03 0.00	37.90 0.38 0.00	43.79 0.39 0.00	47.66 0.19 0.00	46.68 0.19 0.00	46.89 0.05 0.00	47.52 -0.19 0.00	47.37 0.00 0.00	46.40 0.09 0.00	45.07 0.05 0.00	42.79 -0.21 0.00	43.05 0.00 0.00	43.27 0.13 0.00	45.48 0.05 0.00	42.45 -0.30 0.00	37.96 -0.62 0.00	37.47 -0.81 0.00	34.58 -0.78 0.00	32.29 -0.53 0.00	32.69 -0.10 0.00
HQ_GEN_CEDARS 23644	39.35 0.62 0.00	36.71 0.58 0.00	35.73 0.84 0.00	34.13 0.80 0.00	35.10 0.72 0.00	37.86 0.34 0.00	43.53 0.13 0.00	47.23 -0.24 0.00	46.26 -0.23 0.00	46.80 -0.05 0.00	47.71 0.00 0.00	47.37 0.00 0.00	46.31 0.00 0.00	45.03 0.00 0.00	43.09 0.09 0.00	43.52 0.47 0.00	43.27 0.13 0.00	45.21 -0.23 0.00	43.01 0.26 0.00	38.92 0.35 0.00	38.55 0.27 0.00	35.85 0.49 0.00	33.44 0.62 0.00	33.50 0.72 0.00
HQ_GEN_CEDARS_PROXY 323590	39.35 0.62 0.00	36.71 0.58 0.00	35.66 0.77 0.00	34.13 0.80 0.00	35.10 0.72 0.00	38.21 0.34 -0.34	42.84 -0.22 0.34	47.09 -0.38 0.00	46.12 -0.37 0.00	46.66 -0.19 0.00	47.62 -0.10 0.00	47.23 -0.14 0.00	46.31 0.00 0.00	45.03 0.00 0.00	43.09 0.09 0.00	43.05 0.00 0.00	43.01 -0.13 0.00	45.21 -0.23 0.00	43.01 0.26 0.00	38.92 0.35 0.00	38.55 0.27 0.00	35.67 0.32 0.00	33.44 0.62 0.00	33.50 0.72 0.00

HQ_GEN_IMPORT 323601	38.92 0.19 0.00	36.28 0.15 0.00	35.06 0.18 0.00	33.53 0.20 0.00	34.55 0.17 0.00	37.98 0.11 -0.34	42.75 -0.30 0.34	46.99 -0.47 0.00	45.98 -0.51 0.00	46.38 -0.47 0.00	47.28 -0.43 0.00	46.95 -0.43 0.00	45.94 -0.37 0.00	44.67 -0.36 0.00	42.75 -0.26 0.00	42.75 -0.30 0.00	42.75 -0.39 0.00	45.02 -0.41 0.00	42.75 0.00 0.00	38.69 0.12 0.00	38.36 0.08 0.00	35.46 0.11 0.00	32.99 0.16 0.00	32.98 0.20 0.00
HQ_GEN_WHEEL 23651	38.92 0.19 0.00	36.28 0.15 0.00	35.06 0.18 0.00	33.53 0.20 0.00	34.55 0.17 0.00	37.98 0.11 -0.34	42.75 -0.30 0.34	46.99 -0.47 0.00	45.98 -0.51 0.00	46.38 -0.47 0.00	47.28 -0.43 0.00	46.95 -0.43 0.00	45.94 -0.37 0.00	44.67 -0.36 0.00	42.75 -0.26 0.00	42.75 -0.30 0.00	42.75 -0.39 0.00	45.02 -0.41 0.00	42.75 0.00 0.00	38.69 0.12 0.00	38.36 0.08 0.00	35.46 0.11 0.00	32.99 0.16 0.00	32.98 0.20 0.00
HUDSON AVE_GT_3 23810	40.55 1.82 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.94 3.09 0.00	50.95 3.24 0.00	50.55 3.17 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.80 2.80 0.00	45.46 2.41 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.36 2.61 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.33 1.98 0.00	34.43 1.61 0.00	34.23 1.44 0.00
HUDSON AVE_GT_4 23540	40.55 1.82 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.94 3.09 0.00	50.95 3.24 0.00	50.55 3.17 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.80 2.80 0.00	45.46 2.41 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.36 2.61 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.33 1.98 0.00	34.43 1.61 0.00	34.23 1.44 0.00
HUDSON AVE_GT_5 23657	40.55 1.82 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.94 3.09 0.00	50.95 3.24 0.00	50.55 3.17 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.80 2.80 0.00	45.46 2.41 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.36 2.61 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.33 1.98 0.00	34.43 1.61 0.00	34.23 1.44 0.00
HUDSON_AVE_10 24168	40.43 1.70 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.84 1.31 0.00	45.70 2.30 0.00	50.32 2.85 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.37 3.06 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.66 2.08 0.00	40.54 2.26 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.16 1.38 0.00
HUDSON___115KV_TB 4 355613	40.08 1.36 0.00	37.32 1.19 0.00	35.97 1.08 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.54 1.01 0.00	45.00 1.61 0.00	49.46 1.99 0.00	48.54 2.05 0.00	48.67 1.83 0.00	49.48 1.77 0.00	48.98 1.61 0.00	47.79 1.48 0.00	46.42 1.40 0.00	44.43 1.42 0.00	44.21 1.16 0.00	44.43 1.29 0.00	47.21 1.77 0.00	44.16 1.41 0.00	39.73 1.16 0.00	39.47 1.19 0.00	36.34 0.99 0.00	33.94 1.12 0.00	33.73 0.95 0.00
HUNTER MOUNT___DRP 323613	40.24 1.51 0.00	37.47 1.34 0.00	36.15 1.26 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.26 1.87 0.00	49.75 2.28 0.00	48.82 2.32 0.00	48.95 2.11 0.00	49.67 1.96 0.00	49.17 1.80 0.00	48.02 1.71 0.00	46.60 1.58 0.00	44.60 1.59 0.00	44.43 1.38 0.00	44.65 1.51 0.00	47.43 2.00 0.00	44.46 1.71 0.00	39.92 1.35 0.00	39.62 1.34 0.00	36.48 1.13 0.00	34.10 1.28 0.00	33.87 1.08 0.00
HUNTINGTON_RES_REC 323705	47.46 3.25 -5.48	43.29 2.71 -4.45	41.45 2.62 -3.95	41.18 2.50 -5.35	44.51 2.78 -7.35	47.27 3.08 -6.67	52.67 5.21 -4.07	56.00 6.17 -2.36	55.88 5.95 -3.44	52.60 5.71 -0.04	55.22 5.58 -1.93	52.43 5.02 -0.04	50.84 4.49 -0.04	49.48 3.92 -0.54	47.71 4.22 -0.48	47.87 4.48 -0.35	51.90 4.05 -4.71	59.60 3.64 -10.53	55.85 2.99 -10.11	50.09 3.05 -8.47	44.03 3.25 -2.50	42.05 2.62 -4.08	41.08 2.46 -5.79	39.79 2.43 -4.58
HUNTLEY___63 23557	36.25 -2.48 0.00	34.40 -1.73 0.00	33.15 -1.74 0.00	31.70 -1.63 0.00	32.69 -1.68 0.00	36.03 -1.50 0.00	39.88 -3.52 0.00	44.10 -3.37 0.00	43.14 -3.35 0.00	43.56 -3.28 0.00	43.85 -3.86 0.00	43.82 -3.55 0.00	43.12 -3.20 0.00	41.88 -3.15 0.00	39.74 -3.27 0.00	39.69 -3.36 0.00	40.33 -2.80 0.00	42.39 -3.04 0.00	39.54 -3.21 0.00	35.49 -3.09 0.00	35.22 -3.06 0.00	32.70 -2.65 0.00	30.79 -2.03 0.00	31.31 -1.48 0.00
HUNTLEY___64 23558	36.25 -2.48 0.00	34.40 -1.73 0.00	33.15 -1.74 0.00	31.70 -1.63 0.00	32.69 -1.68 0.00	36.03 -1.50 0.00	39.88 -3.52 0.00	44.10 -3.37 0.00	43.14 -3.35 0.00	43.56 -3.28 0.00	43.85 -3.86 0.00	43.82 -3.55 0.00	43.12 -3.20 0.00	41.88 -3.15 0.00	39.74 -3.27 0.00	39.69 -3.36 0.00	40.33 -2.80 0.00	42.39 -3.04 0.00	39.54 -3.21 0.00	35.49 -3.09 0.00	35.22 -3.06 0.00	32.70 -2.65 0.00	30.79 -2.03 0.00	31.31 -1.48 0.00
HUNTLEY___65 23559	36.25 -2.48 0.00	34.40 -1.73 0.00	33.15 -1.74 0.00	31.70 -1.63 0.00	32.69 -1.68 0.00	36.03 -1.50 0.00	39.88 -3.52 0.00	44.10 -3.37 0.00	43.14 -3.35 0.00	43.56 -3.28 0.00	43.85 -3.86 0.00	43.82 -3.55 0.00	43.12 -3.20 0.00	41.88 -3.15 0.00	39.74 -3.27 0.00	39.69 -3.36 0.00	40.33 -2.80 0.00	42.39 -3.04 0.00	39.54 -3.21 0.00	35.49 -3.09 0.00	35.22 -3.06 0.00	32.70 -2.65 0.00	30.79 -2.03 0.00	31.31 -1.48 0.00
HUNTLEY___66 23560	36.25 -2.48 0.00	34.40 -1.73 0.00	33.15 -1.74 0.00	31.70 -1.63 0.00	32.69 -1.68 0.00	36.03 -1.50 0.00	39.88 -3.52 0.00	44.10 -3.37 0.00	43.14 -3.35 0.00	43.56 -3.28 0.00	43.85 -3.86 0.00	43.82 -3.55 0.00	43.12 -3.20 0.00	41.88 -3.15 0.00	39.74 -3.27 0.00	39.69 -3.36 0.00	40.33 -2.80 0.00	42.39 -3.04 0.00	39.54 -3.21 0.00	35.49 -3.09 0.00	35.22 -3.06 0.00	32.70 -2.65 0.00	30.79 -2.03 0.00	31.31 -1.48 0.00
HUNTLEY___67 23561	36.21 -2.52 0.00	34.36 -1.77 0.00	33.11 -1.78 0.00	31.67 -1.67 0.00	32.69 -1.68 0.00	36.03 -1.50 0.00	39.92 -3.47 0.00	44.10 -3.37 0.00	43.14 -3.35 0.00	43.52 -3.33 0.00	43.85 -3.86 0.00	43.82 -3.55 0.00	43.02 -3.29 0.00	41.83 -3.20 0.00	39.69 -3.31 0.00	39.69 -3.36 0.00	40.29 -2.85 0.00	42.34 -3.09 0.00	39.54 -3.21 0.00	35.45 -3.12 0.00	35.22 -3.06 0.00	32.63 -2.72 0.00	30.72 -2.10 0.00	31.28 -1.51 0.00
HUNTLEY___68 23562	36.21 -2.52 0.00	34.36 -1.77 0.00	33.11 -1.78 0.00	31.67 -1.67 0.00	32.69 -1.68 0.00	36.03 -1.50 0.00	39.92 -3.47 0.00	44.10 -3.37 0.00	43.14 -3.35 0.00	43.52 -3.33 0.00	43.85 -3.86 0.00	43.82 -3.55 0.00	43.02 -3.29 0.00	41.83 -3.20 0.00	39.69 -3.31 0.00	39.69 -3.36 0.00	40.29 -2.85 0.00	42.34 -3.09 0.00	39.54 -3.21 0.00	35.45 -3.12 0.00	35.22 -3.06 0.00	32.63 -2.72 0.00	30.72 -2.10 0.00	31.28 -1.51 0.00

HYLAND___LFGE 323620	37.84 -0.89 0.00	35.74 -0.40 0.00	34.37 -0.52 0.00	32.83 -0.50 0.00	33.90 -0.48 0.00	37.45 -0.07 0.00	43.35 -0.04 0.00	47.33 -0.14 0.00	46.26 -0.23 0.00	46.19 -0.66 0.00	46.47 -1.24 0.00	46.38 -1.00 0.00	45.39 -0.93 0.00	44.22 -0.81 0.00	42.10 -0.91 0.00	42.62 -0.43 0.00	43.31 0.17 0.00	45.66 0.23 0.00	42.75 0.00 0.00	38.23 -0.35 0.00	37.94 -0.35 0.00	34.89 -0.46 0.00	33.54 0.72 0.00	33.80 1.02 0.00
INDECK___CORINTH 23802	39.31 0.58 0.00	36.57 0.44 0.00	35.27 0.38 0.00	33.70 0.37 0.00	34.79 0.41 0.00	38.01 0.49 0.00	44.48 1.09 0.00	49.03 1.56 0.00	48.30 1.81 0.00	48.67 1.83 0.00	49.67 1.96 0.00	49.32 1.94 0.00	48.07 1.76 0.00	46.60 1.58 0.00	44.47 1.46 0.00	44.43 1.38 0.00	44.43 1.29 0.00	46.89 1.45 0.00	43.90 1.15 0.00	39.39 0.81 0.00	39.16 0.88 0.00	35.99 0.64 0.00	34.33 1.51 0.00	34.13 1.34 0.00
INDECK___ILION 23567	39.62 0.89 0.00	36.96 0.83 0.00	35.66 0.77 0.00	34.07 0.73 0.00	35.13 0.76 0.00	38.43 0.90 0.00	44.57 1.17 0.00	48.94 1.47 0.00	47.89 1.39 0.00	48.30 1.45 0.00	49.24 1.53 0.00	48.94 1.56 0.00	47.79 1.48 0.00	46.56 1.53 0.00	44.38 1.38 0.00	44.25 1.21 0.00	44.43 1.29 0.00	46.89 1.45 0.00	43.95 1.20 0.00	39.58 1.00 0.00	39.28 1.00 0.00	36.24 0.88 0.00	33.61 0.79 0.00	33.57 0.79 0.00
INDECK___OLEAN 23982	37.34 -1.39 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.57 -0.77 0.00	33.65 -0.72 0.00	37.08 -0.45 0.00	42.48 -0.91 0.00	45.90 -1.57 0.00	44.96 -1.53 0.00	45.11 -1.73 0.00	45.52 -2.19 0.00	45.52 -1.85 0.00	44.65 -1.67 0.00	43.45 -1.58 0.00	41.12 -1.89 0.00	41.46 -1.59 0.00	41.72 -1.42 0.00	43.84 -1.59 0.00	40.91 -1.84 0.00	36.65 -1.93 0.00	36.29 -1.99 0.00	33.59 -1.77 0.00	31.44 -1.38 0.00	32.06 -0.72 0.00
INDECK___OSWEGO 23783	37.49 -1.24 0.00	35.05 -1.08 0.00	33.81 -1.08 0.00	32.26 -1.07 0.00	33.31 -1.07 0.00	36.44 -1.09 0.00	41.92 -1.48 0.00	45.66 -1.80 0.00	44.72 -1.77 0.00	45.02 -1.83 0.00	45.85 -1.86 0.00	45.57 -1.80 0.00	44.55 -1.76 0.00	43.27 -1.76 0.00	41.28 -1.72 0.00	41.37 -1.68 0.00	41.50 -1.64 0.00	43.71 -1.73 0.00	41.04 -1.71 0.00	37.34 -1.24 0.00	37.05 -1.23 0.00	34.19 -1.17 0.00	31.74 -1.08 0.00	31.73 -1.05 0.00
INDECK___YERKES 23781	36.29 -2.44 0.00	34.43 -1.70 0.00	33.18 -1.71 0.00	31.73 -1.60 0.00	32.73 -1.65 0.00	36.02 -1.50 0.00	41.09 -2.30 0.00	44.24 -3.23 0.00	43.47 -3.02 0.00	43.61 -3.23 0.00	44.04 -3.67 0.00	43.96 -3.41 0.00	43.16 -3.15 0.00	42.01 -3.02 0.00	39.78 -3.23 0.00	40.08 -2.97 0.00	40.42 -2.72 0.00	42.43 -3.00 0.00	39.59 -3.16 0.00	35.53 -3.05 0.00	35.26 -3.02 0.00	32.74 -2.62 0.00	30.82 -2.00 0.00	31.31 -1.47 0.00
INDIAN POINT_GT_1 24139	40.35 1.63 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.58 1.20 0.00	38.76 1.24 0.00	45.52 2.13 0.00	50.13 2.66 0.00	49.14 2.65 0.00	49.51 2.67 0.00	50.48 2.77 0.00	50.07 2.70 0.00	48.90 2.59 0.00	47.55 2.52 0.00	45.37 2.37 0.00	45.03 1.98 0.00	45.47 2.33 0.00	48.20 2.77 0.00	44.84 2.09 0.00	40.23 1.66 0.00	40.04 1.76 0.00	36.91 1.56 0.00	34.10 1.28 0.00	33.93 1.15 0.00
INDIAN POINT_GT_2 23659	40.35 1.63 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.58 1.20 0.00	38.76 1.24 0.00	45.52 2.13 0.00	50.13 2.66 0.00	49.14 2.65 0.00	49.51 2.67 0.00	50.48 2.77 0.00	50.07 2.70 0.00	48.90 2.59 0.00	47.55 2.52 0.00	45.37 2.37 0.00	45.03 1.98 0.00	45.47 2.33 0.00	48.20 2.77 0.00	44.84 2.09 0.00	40.23 1.66 0.00	40.04 1.76 0.00	36.91 1.56 0.00	34.10 1.28 0.00	33.93 1.15 0.00
INDIAN POINT_GT_3 24019	40.35 1.63 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.58 1.20 0.00	38.76 1.24 0.00	45.52 2.13 0.00	50.13 2.66 0.00	49.14 2.65 0.00	49.51 2.67 0.00	50.48 2.77 0.00	50.07 2.70 0.00	48.90 2.59 0.00	47.55 2.52 0.00	45.37 2.37 0.00	45.03 1.98 0.00	45.47 2.33 0.00	48.20 2.77 0.00	44.84 2.09 0.00	40.23 1.66 0.00	40.04 1.76 0.00	36.91 1.56 0.00	34.10 1.28 0.00	33.93 1.15 0.00
INDIAN POINT___2 23530	40.28 1.55 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.55 1.17 0.00	38.76 1.24 0.00	45.52 2.13 0.00	50.08 2.61 0.00	49.09 2.60 0.00	49.47 2.62 0.00	50.43 2.72 0.00	50.02 2.65 0.00	48.81 2.50 0.00	47.41 2.38 0.00	45.28 2.28 0.00	45.37 2.32 0.00	45.64 2.50 0.00	48.11 2.68 0.00	44.76 2.01 0.00	40.16 1.58 0.00	40.00 1.72 0.00	36.87 1.52 0.00	34.07 1.25 0.00	33.90 1.12 0.00
INDIAN POINT___3 23531	40.32 1.59 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.76 1.24 0.00	45.48 2.08 0.00	50.08 2.61 0.00	49.09 2.60 0.00	49.42 2.58 0.00	50.43 2.72 0.00	49.98 2.61 0.00	48.86 2.55 0.00	47.46 2.43 0.00	45.33 2.32 0.00	44.99 1.94 0.00	45.38 2.24 0.00	48.11 2.68 0.00	44.76 2.01 0.00	40.19 1.62 0.00	40.00 1.72 0.00	36.87 1.52 0.00	34.07 1.25 0.00	33.90 1.11 0.00
INGHAM_C_115KV_TB7 356103	40.43 1.70 0.00	37.69 1.55 0.00	36.32 1.43 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.21 1.69 0.00	45.44 2.04 0.00	49.94 2.47 0.00	48.91 2.42 0.00	49.33 2.48 0.00	50.33 2.62 0.00	50.07 2.70 0.00	48.95 2.64 0.00	47.64 2.61 0.00	45.41 2.41 0.00	45.24 2.20 0.00	45.38 2.24 0.00	47.89 2.45 0.00	44.89 2.14 0.00	40.43 1.85 0.00	40.08 1.80 0.00	37.01 1.66 0.00	34.33 1.51 0.00	34.32 1.54 0.00
IP CORINTH___1 23988	39.54 0.81 0.00	36.78 0.65 0.00	35.45 0.56 0.00	33.87 0.53 0.00	34.96 0.58 0.00	38.24 0.71 0.00	44.70 1.30 0.00	49.27 1.80 0.00	48.54 2.05 0.00	48.90 2.06 0.00	49.91 2.19 0.00	49.55 2.18 0.00	48.30 1.99 0.00	46.87 1.85 0.00	44.73 1.72 0.00	44.34 1.29 0.00	44.48 1.34 0.00	47.16 1.73 0.00	44.12 1.37 0.00	39.62 1.04 0.00	39.35 1.07 0.00	36.17 0.81 0.00	34.33 1.51 0.00	34.13 1.34 0.00
IP___TICONDEROGA 23804	41.01 2.28 0.00	38.16 2.02 0.00	36.70 1.81 0.00	35.07 1.73 0.00	36.23 1.86 0.00	39.74 2.21 0.00	46.48 3.08 0.00	51.41 3.94 0.00	50.86 4.37 0.00	51.25 4.40 0.00	52.39 4.68 0.00	52.06 4.69 0.00	50.62 4.31 0.00	49.08 4.05 0.00	46.79 3.78 0.00	46.32 3.27 0.00	46.42 3.28 0.00	49.20 3.77 0.00	46.13 3.38 0.00	41.24 2.66 0.00	41.08 2.79 0.00	37.51 2.16 0.00	35.41 2.59 0.00	35.21 2.43 0.00
ISLIP_RES_REC 323679	47.77 3.56 -5.48	43.61 3.04 -4.45	41.77 2.93 -3.95	41.48 2.80 -5.35	44.72 2.99 -7.35	47.46 3.26 -6.67	52.39 4.95 -4.04	55.50 5.69 -2.34	55.57 5.67 -3.41	52.48 5.62 -0.01	55.24 5.63 -1.90	52.79 5.40 -0.01	51.42 5.09 -0.01	50.45 4.91 -0.51	48.28 4.82 -0.46	48.28 4.91 -0.32	52.78 4.96 -4.69	61.02 5.09 -10.50	57.11 4.27 -10.08	50.76 3.74 -8.45	44.62 3.86 -2.48	42.87 3.43 -4.08	41.60 2.99 -5.79	40.11 2.75 -4.58

JAMAICA__27_KV_LOAD 355505	40.55 1.82 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.95 1.43 0.00	45.96 2.56 0.00	50.69 3.23 0.00	49.89 3.39 0.00	50.31 3.47 0.00	51.38 3.67 0.00	50.93 3.55 0.00	49.78 3.47 0.00	48.41 3.38 0.00	46.15 3.14 0.00	45.80 2.76 0.00	46.46 3.32 0.00	49.34 3.91 0.00	45.87 3.12 0.00	41.12 2.55 0.00	40.96 2.68 0.00	37.65 2.30 0.00	34.63 1.81 0.00	34.36 1.57 0.00
JANIS__SOLAR 323808	40.55 1.82 0.00	37.94 1.81 0.00	36.50 1.61 0.00	34.90 1.57 0.00	35.99 1.62 0.00	39.59 2.06 0.00	46.22 2.82 0.00	50.84 3.37 0.00	49.51 3.02 0.00	49.80 2.95 0.00	50.67 2.96 0.00	50.41 3.03 0.00	49.18 2.87 0.00	48.00 2.97 0.00	45.67 2.67 0.00	45.76 2.71 0.00	46.07 2.93 0.00	48.57 3.13 0.00	45.57 2.82 0.00	40.89 2.31 0.00	40.50 2.22 0.00	37.23 1.87 0.00	34.43 1.61 0.00	34.49 1.70 0.00
JARVIS____ 23743	38.96 0.23 0.00	36.35 0.22 0.00	35.06 0.18 0.00	33.50 0.17 0.00	34.55 0.17 0.00	37.75 0.23 0.00	43.87 0.48 0.00	48.08 0.62 0.00	47.05 0.56 0.00	47.41 0.56 0.00	48.29 0.57 0.00	47.94 0.57 0.00	46.82 0.51 0.00	45.53 0.50 0.00	43.48 0.47 0.00	43.52 0.47 0.00	43.61 0.48 0.00	45.93 0.50 0.00	43.09 0.34 0.00	38.85 0.27 0.00	38.55 0.27 0.00	35.57 0.21 0.00	32.99 0.16 0.00	32.95 0.16 0.00
JENNISON____1 23625	40.94 2.21 0.00	38.26 2.13 0.00	36.74 1.85 0.00	35.17 1.83 0.00	36.27 1.89 0.00	39.85 2.33 0.00	46.30 2.91 0.00	51.22 3.75 0.00	49.93 3.44 0.00	50.31 3.47 0.00	51.15 3.44 0.00	50.97 3.60 0.00	49.69 3.38 0.00	48.59 3.56 0.00	46.23 3.23 0.00	45.93 2.88 0.00	46.33 3.19 0.00	48.98 3.54 0.00	45.91 3.16 0.00	41.20 2.62 0.00	40.85 2.56 0.00	37.51 2.16 0.00	34.69 1.87 0.00	34.72 1.93 0.00
JENNISON____2 23626	40.94 2.21 0.00	38.26 2.13 0.00	36.74 1.85 0.00	35.17 1.83 0.00	36.27 1.89 0.00	39.85 2.33 0.00	46.30 2.91 0.00	51.22 3.75 0.00	49.93 3.44 0.00	50.31 3.47 0.00	51.15 3.44 0.00	50.97 3.60 0.00	49.69 3.38 0.00	48.59 3.56 0.00	46.23 3.23 0.00	45.93 2.88 0.00	46.33 3.19 0.00	48.98 3.54 0.00	45.91 3.16 0.00	41.20 2.62 0.00	40.85 2.56 0.00	37.51 2.16 0.00	34.69 1.87 0.00	34.72 1.93 0.00
JERICOHO_RISE_WT_PWR 323719	39.93 1.20 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.50 1.17 0.00	35.55 1.17 0.00	38.73 1.20 0.00	44.18 0.78 0.00	47.75 0.29 0.00	46.72 0.23 0.00	47.22 0.37 0.00	48.24 0.53 0.00	47.89 0.52 0.00	47.42 1.11 0.00	46.11 1.08 0.00	44.12 1.12 0.00	44.13 1.08 0.00	44.05 0.91 0.00	46.43 1.00 0.00	44.16 1.41 0.00	39.84 1.27 0.00	39.43 1.15 0.00	36.38 1.03 0.00	33.87 1.05 0.00	34.16 1.38 0.00
KATONAH__115KV_46KV_TB4 355592	40.63 1.90 0.00	37.65 1.52 0.00	36.35 1.47 0.00	34.73 1.40 0.00	35.75 1.38 0.00	38.95 1.43 0.00	45.78 2.39 0.00	50.60 3.13 0.00	49.75 3.25 0.00	50.08 3.23 0.00	51.10 3.39 0.00	50.64 3.27 0.00	49.46 3.15 0.00	48.05 3.02 0.00	45.80 2.80 0.00	45.50 2.45 0.00	45.86 2.72 0.00	48.70 3.27 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.39 2.11 0.00	37.19 1.84 0.00	34.36 1.54 0.00	34.16 1.38 0.00
KCE_NY_1 323755	40.20 1.47 0.00	37.50 1.37 0.00	36.14 1.25 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.95 1.43 0.00	45.48 2.08 0.00	50.03 2.56 0.00	49.19 2.70 0.00	49.51 2.67 0.00	50.48 2.77 0.00	50.12 2.75 0.00	48.90 2.59 0.00	47.46 2.43 0.00	45.28 2.28 0.00	45.29 2.24 0.00	45.34 2.20 0.00	47.79 2.36 0.00	44.68 1.93 0.00	40.16 1.58 0.00	39.89 1.61 0.00	36.77 1.42 0.00	34.30 1.48 0.00	34.13 1.34 0.00
KCE_NY_6_ESR 323823	36.79 -1.94 0.00	34.87 -1.27 0.00	33.60 -1.29 0.00	32.13 -1.20 0.00	33.17 -1.20 0.00	36.55 -0.98 0.00	41.79 -1.60 0.00	45.05 -2.42 0.00	44.21 -2.28 0.00	44.36 -2.48 0.00	44.85 -2.86 0.00	44.77 -2.61 0.00	43.90 -2.41 0.00	42.73 -2.29 0.00	40.47 -2.54 0.00	40.81 -2.24 0.00	41.07 -2.07 0.00	43.16 -2.27 0.00	40.27 -2.48 0.00	36.10 -2.47 0.00	35.79 -2.49 0.00	33.16 -2.19 0.00	31.18 -1.64 0.00	31.70 -1.08 0.00
KEDC_PORT_JEFF_GT2 24210	47.58 3.37 -5.48	43.43 2.85 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.17 4.73 -4.05	55.31 5.50 -2.34	55.35 5.44 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.46 5.07 -0.02	51.10 4.77 -0.02	50.09 4.55 -0.52	47.98 4.51 -0.46	47.98 4.61 -0.33	52.45 4.62 -4.69	60.44 4.50 -10.51	56.60 3.76 -10.09	50.50 3.47 -8.45	44.36 3.60 -2.48	42.65 3.22 -4.08	41.40 2.79 -5.79	39.95 2.59 -4.58
KEDC_PORT_JEFF_GT3 24211	47.58 3.37 -5.48	43.43 2.85 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.17 4.73 -4.05	55.31 5.50 -2.34	55.35 5.44 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.46 5.07 -0.02	51.10 4.77 -0.02	50.09 4.55 -0.52	47.98 4.51 -0.46	47.98 4.61 -0.33	52.45 4.62 -4.69	60.44 4.50 -10.51	56.60 3.76 -10.09	50.50 3.47 -8.45	44.36 3.60 -2.48	42.65 3.22 -4.08	41.40 2.79 -5.79	39.95 2.59 -4.58
KEDC_GLWD_GT4 24219	46.76 2.56 -5.48	42.71 2.13 -4.45	40.93 2.09 -3.95	40.64 1.97 -5.35	43.79 2.06 -7.35	46.44 2.25 -6.67	50.42 2.99 -4.03	53.39 3.61 -2.32	53.52 3.63 -3.40	50.54 3.70 0.00	53.46 3.86 -1.89	51.11 3.74 0.00	49.88 3.57 0.00	49.04 3.51 -0.50	46.72 3.27 -0.44	46.67 3.32 -0.31	51.35 3.54 -4.67	59.69 3.77 -10.49	55.85 3.04 -10.07	49.48 2.47 -8.43	43.27 2.53 -2.46	41.98 2.55 -4.08	40.78 2.17 -5.79	39.39 2.03 -4.58
KEDC_GLWD_GT5 24220	46.76 2.56 -5.48	42.71 2.13 -4.45	40.93 2.09 -3.95	40.64 1.97 -5.35	43.79 2.06 -7.35	46.44 2.25 -6.67	50.42 2.99 -4.03	53.39 3.61 -2.32	53.52 3.63 -3.40	50.54 3.70 0.00	53.46 3.86 -1.89	51.11 3.74 0.00	49.88 3.57 0.00	49.04 3.51 -0.50	46.72 3.27 -0.44	46.67 3.32 -0.31	51.35 3.54 -4.67	59.69 3.77 -10.49	55.85 3.04 -10.07	49.48 2.47 -8.43	43.27 2.53 -2.46	41.98 2.55 -4.08	40.78 2.17 -5.79	39.39 2.03 -4.58
KENSICO____ 23655	40.43 1.70 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.65 2.26 0.00	50.27 2.80 0.00	49.33 2.84 0.00	49.65 2.81 0.00	50.67 2.96 0.00	50.26 2.89 0.00	49.09 2.78 0.00	47.73 2.70 0.00	45.54 2.54 0.00	45.20 2.15 0.00	45.64 2.50 0.00	48.39 2.95 0.00	45.02 2.27 0.00	40.39 1.81 0.00	40.19 1.91 0.00	37.09 1.73 0.00	34.23 1.41 0.00	34.06 1.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.59 1.86 0.00	37.65 1.52 0.00	36.35 1.47 0.00	34.70 1.37 0.00	35.79 1.41 0.00	39.06 1.54 0.00	45.83 2.43 0.00	50.51 3.04 0.00	49.56 3.07 0.00	49.79 2.95 0.00	50.67 2.96 0.00	50.17 2.79 0.00	48.53 2.22 0.00	47.15 2.12 0.00	45.03 2.02 0.00	44.81 1.77 0.00	45.30 2.16 0.00	48.16 2.73 0.00	44.84 2.09 0.00	40.16 1.58 0.00	40.35 2.07 0.00	37.16 1.80 0.00	34.33 1.51 0.00	34.16 1.38 0.00

KIAC_JFK_GT1 23816	40.43 1.70 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.43 1.10 0.00	35.58 1.20 0.00	38.88 1.35 0.00	45.83 2.43 0.00	50.55 3.09 0.00	49.75 3.25 0.00	50.17 3.33 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.27 3.24 0.00	46.02 3.01 0.00	45.68 2.63 0.00	46.29 3.15 0.00	49.20 3.77 0.00	45.70 2.95 0.00	40.97 2.39 0.00	40.85 2.56 0.00	37.51 2.16 0.00	34.53 1.71 0.00	34.26 1.48 0.00
KIAC_JFK_GT2 23817	40.43 1.70 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.43 1.10 0.00	35.58 1.20 0.00	38.88 1.35 0.00	45.83 2.43 0.00	50.55 3.09 0.00	49.75 3.25 0.00	50.17 3.33 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.27 3.24 0.00	46.02 3.01 0.00	45.68 2.63 0.00	46.29 3.15 0.00	49.20 3.77 0.00	45.70 2.95 0.00	40.97 2.39 0.00	40.85 2.56 0.00	37.51 2.16 0.00	34.53 1.71 0.00	34.26 1.48 0.00
KIAC_JFK____ 323774	40.43 1.70 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.43 1.10 0.00	35.58 1.20 0.00	38.88 1.35 0.00	45.91 2.52 0.00	50.60 3.13 0.00	49.79 3.30 0.00	50.26 3.42 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.20 3.77 0.00	45.70 2.95 0.00	40.97 2.39 0.00	40.85 2.57 0.00	37.55 2.19 0.00	34.53 1.71 0.00	34.26 1.48 0.00
KINTIGH____ 23543	36.13 -2.59 0.00	34.22 -1.91 0.00	33.04 -1.85 0.00	31.57 -1.77 0.00	32.56 -1.82 0.00	35.84 -1.69 0.00	40.01 -3.38 0.00	44.14 -3.32 0.00	43.19 -3.30 0.00	43.52 -3.33 0.00	43.89 -3.82 0.00	43.82 -3.55 0.00	42.98 -3.33 0.00	41.79 -3.24 0.00	39.74 -3.27 0.00	39.73 -3.31 0.00	40.29 -2.85 0.00	42.39 -3.04 0.00	39.59 -3.16 0.00	35.57 -3.01 0.00	35.33 -2.95 0.00	32.74 -2.62 0.00	30.75 -2.07 0.00	31.18 -1.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.70 1.98 0.00	38.01 1.88 0.00	36.74 1.85 0.00	35.10 1.77 0.00	36.16 1.79 0.00	39.48 1.95 0.00	45.48 2.08 0.00	49.46 1.99 0.00	48.49 2.00 0.00	48.86 2.01 0.00	49.91 2.19 0.00	49.60 2.23 0.00	48.49 2.18 0.00	47.10 2.07 0.00	45.07 2.06 0.00	45.37 2.32 0.00	45.21 2.07 0.00	47.43 2.00 0.00	45.06 2.31 0.00	40.58 2.01 0.00	40.12 1.84 0.00	37.05 1.70 0.00	34.40 1.58 0.00	34.85 2.07 0.00
LACHUTE____HYDRO 323717	41.01 2.28 0.00	38.15 2.02 0.00	36.70 1.81 0.00	35.06 1.73 0.00	36.23 1.86 0.00	39.74 2.21 0.00	46.61 3.21 0.00	51.45 3.99 0.00	50.86 4.37 0.00	51.30 4.45 0.00	52.43 4.72 0.00	52.11 4.74 0.00	50.62 4.31 0.00	49.08 4.05 0.00	46.79 3.79 0.00	46.67 3.62 0.00	46.63 3.49 0.00	49.20 3.77 0.00	46.13 3.38 0.00	41.23 2.66 0.00	41.07 2.79 0.00	37.55 2.19 0.00	35.41 2.59 0.00	35.21 2.43 0.00
LAWRNCV_115KV_TB1 80681	39.27 0.54 0.00	36.64 0.51 0.00	35.59 0.70 0.00	34.03 0.70 0.00	34.93 0.55 0.00	37.53 0.00 0.00	43.09 -0.30 0.00	46.80 -0.66 0.00	45.84 -0.65 0.00	46.61 -0.23 0.00	47.57 -0.14 0.00	47.18 -0.19 0.00	46.08 -0.23 0.00	44.89 -0.14 0.00	42.92 -0.09 0.00	43.35 0.30 0.00	43.14 0.00 0.00	44.80 -0.64 0.00	42.62 -0.13 0.00	38.57 0.00 0.00	38.17 -0.11 0.00	35.64 0.28 0.00	33.31 0.49 0.00	33.44 0.66 0.00
LEDERLE____ 23769	40.39 1.67 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.84 1.31 0.00	45.61 2.21 0.00	50.17 2.71 0.00	49.19 2.70 0.00	49.51 2.67 0.00	50.48 2.77 0.00	50.03 2.65 0.00	48.90 2.59 0.00	47.55 2.52 0.00	45.37 2.37 0.00	45.03 1.98 0.00	45.43 2.29 0.00	48.20 2.77 0.00	44.84 2.09 0.00	40.23 1.66 0.00	40.08 1.80 0.00	36.94 1.59 0.00	34.10 1.28 0.00	33.93 1.15 0.00
LIGHTHSE_115KV_TB6 355974	38.07 -0.66 0.00	35.55 -0.58 0.00	34.26 -0.63 0.00	32.77 -0.57 0.00	33.76 -0.62 0.00	37.00 -0.53 0.00	42.61 -0.78 0.00	47.28 -0.19 0.00	46.21 -0.28 0.00	46.75 -0.09 0.00	47.52 -0.19 0.00	47.18 -0.19 0.00	46.13 -0.19 0.00	44.94 -0.09 0.00	42.88 -0.13 0.00	42.83 -0.22 0.00	43.01 -0.13 0.00	45.34 -0.09 0.00	42.58 -0.17 0.00	38.34 -0.23 0.00	37.97 -0.31 0.00	35.04 -0.32 0.00	32.46 -0.36 0.00	32.42 -0.36 0.00
LINDEN COGEN____ 23786	40.27 1.55 0.01	37.21 1.08 0.01	35.96 1.08 0.01	34.36 1.03 0.01	35.47 1.10 0.01	38.69 1.16 0.00	45.61 2.21 0.00	50.12 2.66 0.00	49.23 2.74 0.00	49.65 2.81 0.00	50.67 2.96 0.00	50.26 2.89 0.00	49.04 2.73 0.00	47.64 2.61 0.00	45.50 2.49 0.00	45.59 2.54 0.00	45.94 2.80 0.00	48.43 3.00 0.00	45.01 2.26 0.00	40.39 1.81 0.00	40.31 2.03 0.00	37.16 1.80 0.00	34.23 1.41 0.00	34.00 1.21 0.00
LINDHRST_69_KV_BK1 356055	47.31 3.10 -5.48	43.22 2.64 -4.45	41.35 2.51 -3.95	41.08 2.40 -5.35	44.31 2.58 -7.35	47.01 2.81 -6.67	51.46 4.04 -4.03	54.54 4.75 -2.33	54.63 4.74 -3.40	51.39 4.54 0.00	54.37 4.77 -1.89	51.92 4.55 0.00	50.67 4.35 0.00	49.90 4.37 -0.50	47.62 4.17 -0.44	47.15 3.79 -0.31	51.95 4.14 -4.67	60.65 4.73 -10.49	56.71 3.89 -10.07	50.32 3.32 -8.43	44.15 3.41 -2.46	42.48 3.04 -4.08	41.24 2.63 -5.79	39.82 2.46 -4.58
LIPA_MISC_IPP 23656	47.54 3.33 -5.48	43.40 2.82 -4.45	41.56 2.72 -3.95	41.35 2.67 -5.35	44.55 2.82 -7.35	47.16 2.96 -6.67	52.00 4.56 -4.04	55.12 5.32 -2.34	55.21 5.30 -3.41	51.82 4.97 -0.02	54.72 5.11 -1.90	52.27 4.88 -0.02	51.00 4.68 -0.02	50.04 4.50 -0.51	47.89 4.43 -0.46	47.51 4.13 -0.32	51.97 4.14 -4.69	60.43 4.50 -10.50	56.55 3.72 -10.08	50.34 3.32 -8.45	44.28 3.52 -2.48	42.65 3.22 -4.08	41.37 2.76 -5.79	39.82 2.46 -4.58
LISF____SOLAR 323691	47.65 3.45 -5.48	43.50 2.93 -4.45	41.63 2.79 -3.95	41.44 2.77 -5.35	44.62 2.89 -7.35	47.27 3.08 -6.67	52.30 4.86 -4.04	55.41 5.60 -2.34	55.44 5.53 -3.41	52.29 5.43 -0.02	54.96 5.34 -1.90	52.55 5.16 -0.02	51.19 4.86 -0.02	50.14 4.60 -0.51	48.02 4.56 -0.46	48.07 4.69 -0.32	52.40 4.57 -4.69	60.57 4.64 -10.50	56.72 3.89 -10.08	50.45 3.43 -8.45	44.40 3.64 -2.48	42.76 3.32 -4.08	41.44 2.82 -5.79	39.95 2.59 -4.58
LITTLE FALLS____HYD 24013	40.43 1.70 0.00	37.69 1.55 0.00	36.32 1.43 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.21 1.69 0.00	45.44 2.04 0.00	49.94 2.47 0.00	48.91 2.42 0.00	49.33 2.48 0.00	50.33 2.62 0.00	50.07 2.70 0.00	48.95 2.64 0.00	47.64 2.61 0.00	45.41 2.41 0.00	45.24 2.20 0.00	45.38 2.24 0.00	47.89 2.45 0.00	44.89 2.14 0.00	40.43 1.85 0.00	40.08 1.80 0.00	37.01 1.66 0.00	34.33 1.51 0.00	34.32 1.54 0.00
LITTLRIV_115KV_TB1 356100	39.70 0.97 0.00	37.04 0.90 0.00	35.97 1.08 0.00	34.37 1.03 0.00	35.27 0.89 0.00	37.94 0.41 0.00	43.66 0.26 0.00	47.51 0.05 0.00	46.54 0.05 0.00	47.31 0.47 0.00	48.28 0.57 0.00	47.89 0.52 0.00	46.73 0.42 0.00	45.57 0.54 0.00	43.61 0.60 0.00	43.95 0.90 0.00	43.70 0.56 0.00	45.39 -0.05 0.00	43.22 0.47 0.00	39.11 0.54 0.00	38.70 0.42 0.00	36.06 0.71 0.00	33.71 0.89 0.00	33.80 1.02 0.00

LI_NEWBRDGE___DRP 323616	46.46 2.25 -5.48	42.42 1.84 -4.45	40.62 1.78 -3.95	40.38 1.70 -5.35	43.52 1.79 -7.35	46.11 1.91 -6.67	50.33 2.91 -4.03	53.26 3.47 -2.33	53.38 3.49 -3.40	50.26 3.42 0.00	53.23 3.63 -1.89	50.83 3.46 0.00	49.69 3.38 0.00	48.86 3.33 -0.50	46.59 3.14 -0.44	46.15 2.80 -0.31	50.92 3.11 -4.67	59.56 3.63 -10.49	55.68 2.86 -10.07	49.36 2.35 -8.43	43.23 2.49 -2.46	41.66 2.23 -4.08	40.52 1.90 -5.79	39.13 1.77 -4.58
LOCKPORT_115KV_TB60_63_64 80432	35.94 -2.79 0.00	34.11 -2.02 0.00	32.90 -1.99 0.00	31.43 -1.90 0.00	32.45 -1.93 0.00	35.65 -1.88 0.00	39.53 -3.86 0.00	43.67 -3.80 0.00	42.73 -3.77 0.00	43.14 -3.70 0.00	43.42 -4.29 0.00	43.35 -4.03 0.00	42.61 -3.70 0.00	41.38 -3.65 0.00	39.31 -3.70 0.00	39.30 -3.75 0.00	39.95 -3.19 0.00	41.98 -3.45 0.00	39.16 -3.59 0.00	35.14 -3.43 0.00	34.91 -3.37 0.00	32.52 -2.83 0.00	30.62 -2.20 0.00	31.14 -1.64 0.00
LOCKPORT___CC1 323769	35.90 -2.83 0.00	34.11 -2.02 0.00	32.87 -2.02 0.00	31.43 -1.90 0.00	32.42 -1.96 0.00	35.57 -1.95 0.00	40.62 -2.78 0.00	43.67 -3.80 0.00	42.91 -3.58 0.00	43.00 -3.84 0.00	43.42 -4.29 0.00	43.30 -4.07 0.00	42.47 -3.84 0.00	41.38 -3.65 0.00	39.18 -3.83 0.00	39.56 -3.49 0.00	39.86 -3.28 0.00	41.89 -3.54 0.00	39.07 -3.68 0.00	35.06 -3.51 0.00	34.80 -3.48 0.00	32.52 -2.83 0.00	30.62 -2.20 0.00	31.15 -1.64 0.00
LOCKPORT___CC2 323770	35.90 -2.83 0.00	34.11 -2.02 0.00	32.87 -2.02 0.00	31.43 -1.90 0.00	32.42 -1.96 0.00	35.57 -1.95 0.00	40.62 -2.78 0.00	43.67 -3.80 0.00	42.91 -3.58 0.00	43.00 -3.84 0.00	43.42 -4.29 0.00	43.30 -4.07 0.00	42.47 -3.84 0.00	41.38 -3.65 0.00	39.18 -3.83 0.00	39.56 -3.49 0.00	39.86 -3.28 0.00	41.89 -3.54 0.00	39.07 -3.68 0.00	35.06 -3.51 0.00	34.80 -3.48 0.00	32.52 -2.83 0.00	30.62 -2.20 0.00	31.15 -1.64 0.00
LOCKPORT___CC3 323771	35.90 -2.83 0.00	34.11 -2.02 0.00	32.87 -2.02 0.00	31.43 -1.90 0.00	32.42 -1.96 0.00	35.57 -1.95 0.00	40.62 -2.78 0.00	43.67 -3.80 0.00	42.91 -3.58 0.00	43.00 -3.84 0.00	43.42 -4.29 0.00	43.30 -4.07 0.00	42.47 -3.84 0.00	41.38 -3.65 0.00	39.18 -3.83 0.00	39.56 -3.49 0.00	39.86 -3.28 0.00	41.89 -3.54 0.00	39.07 -3.68 0.00	35.06 -3.51 0.00	34.80 -3.48 0.00	32.52 -2.83 0.00	30.62 -2.20 0.00	31.15 -1.64 0.00
LONG_LAKE_PHOENIX 24014	37.64 -1.08 0.00	35.19 -0.94 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.63 -0.90 0.00	42.22 -1.17 0.00	46.38 -1.09 0.00	45.42 -1.07 0.00	45.77 -1.08 0.00	46.61 -1.10 0.00	46.33 -1.04 0.00	45.34 -0.97 0.00	44.04 -0.99 0.00	42.02 -0.99 0.00	41.93 -1.12 0.00	42.15 -0.99 0.00	44.43 -1.00 0.00	41.72 -1.03 0.00	37.61 -0.96 0.00	37.32 -0.96 0.00	34.43 -0.92 0.00	31.93 -0.89 0.00	31.93 -0.85 0.00
LOVETT___3 23632	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.39 2.00 0.00	49.94 2.47 0.00	48.91 2.42 0.00	49.23 2.39 0.00	50.19 2.48 0.00	49.79 2.42 0.00	48.63 2.32 0.00	47.28 2.25 0.00	45.11 2.11 0.00	44.81 1.77 0.00	45.21 2.07 0.00	47.93 2.50 0.00	44.59 1.84 0.00	40.04 1.47 0.00	39.85 1.57 0.00	36.77 1.41 0.00	33.97 1.15 0.00	33.77 0.98 0.00
LOVETT___4 23642	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.39 2.00 0.00	49.94 2.47 0.00	48.91 2.42 0.00	49.23 2.39 0.00	50.19 2.48 0.00	49.79 2.42 0.00	48.63 2.32 0.00	47.28 2.25 0.00	45.11 2.11 0.00	44.81 1.77 0.00	45.21 2.07 0.00	47.93 2.50 0.00	44.59 1.84 0.00	40.04 1.47 0.00	39.85 1.57 0.00	36.77 1.41 0.00	33.97 1.15 0.00	33.77 0.98 0.00
LOVETT___5 23593	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.39 2.00 0.00	49.94 2.47 0.00	48.91 2.42 0.00	49.23 2.39 0.00	50.19 2.48 0.00	49.79 2.42 0.00	48.63 2.32 0.00	47.28 2.25 0.00	45.11 2.11 0.00	44.81 1.77 0.00	45.21 2.07 0.00	47.93 2.50 0.00	44.59 1.84 0.00	40.04 1.47 0.00	39.85 1.57 0.00	36.77 1.41 0.00	33.97 1.15 0.00	33.77 0.98 0.00
LOWER RAQUET___HYD 24057	39.23 0.50 0.00	36.60 0.47 0.00	35.48 0.59 0.00	34.00 0.67 0.00	34.86 0.48 0.00	37.41 -0.11 0.00	42.57 -0.83 0.00	46.52 -0.95 0.00	45.51 -0.98 0.00	46.42 -0.42 0.00	47.33 -0.38 0.00	46.95 -0.43 0.00	46.04 -0.28 0.00	44.85 -0.18 0.00	42.88 -0.13 0.00	42.79 -0.26 0.00	42.75 -0.39 0.00	44.66 -0.77 0.00	42.50 -0.25 0.00	38.46 -0.12 0.00	38.05 -0.23 0.00	35.39 0.04 0.00	33.28 0.46 0.00	33.44 0.66 0.00
LOWER___HUDSON 24059	39.89 1.16 0.00	37.25 1.12 0.00	35.94 1.05 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.69 1.16 0.00	45.18 1.78 0.00	49.65 2.18 0.00	48.68 2.19 0.00	49.00 2.16 0.00	49.86 2.15 0.00	49.45 2.08 0.00	48.26 1.94 0.00	46.92 1.89 0.00	44.81 1.81 0.00	44.86 1.81 0.00	44.91 1.77 0.00	47.34 1.91 0.00	44.16 1.41 0.00	39.81 1.23 0.00	39.47 1.19 0.00	36.52 1.16 0.00	33.90 1.08 0.00	33.73 0.95 0.00
LOWVILLE_115KV_TB2 356335	39.31 0.58 0.00	36.67 0.54 0.00	35.34 0.45 0.00	33.80 0.47 0.00	34.79 0.41 0.00	38.01 0.49 0.00	44.13 0.74 0.00	48.65 1.19 0.00	47.51 1.02 0.00	48.11 1.26 0.00	48.90 1.19 0.00	48.56 1.18 0.00	47.38 1.07 0.00	46.24 1.22 0.00	44.12 1.12 0.00	44.13 1.08 0.00	44.30 1.16 0.00	46.61 1.18 0.00	43.82 1.07 0.00	39.50 0.93 0.00	38.78 0.50 0.00	35.71 0.35 0.00	33.12 0.30 0.00	33.08 0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.20 1.47 0.00	37.47 1.34 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.91 1.39 0.00	45.39 2.00 0.00	49.94 2.47 0.00	49.09 2.60 0.00	49.42 2.58 0.00	50.43 2.72 0.00	50.03 2.65 0.00	48.86 2.55 0.00	47.42 2.39 0.00	45.24 2.24 0.00	44.90 1.85 0.00	45.08 1.94 0.00	47.75 2.32 0.00	44.63 1.88 0.00	40.12 1.54 0.00	39.85 1.57 0.00	36.73 1.38 0.00	34.30 1.48 0.00	34.13 1.34 0.00
LUTHERNY_35_KV_BK2 355980	40.20 1.47 0.00	37.50 1.37 0.00	36.15 1.26 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.95 1.43 0.00	45.39 2.00 0.00	49.98 2.52 0.00	49.14 2.65 0.00	49.47 2.62 0.00	50.43 2.72 0.00	50.07 2.70 0.00	48.90 2.59 0.00	47.46 2.43 0.00	45.29 2.28 0.00	44.94 1.89 0.00	45.12 1.98 0.00	47.80 2.36 0.00	44.67 1.92 0.00	40.16 1.58 0.00	39.89 1.61 0.00	36.73 1.38 0.00	34.30 1.48 0.00	34.13 1.34 0.00
LWR___OSWEGATCHIE_HYD 23850	38.81 0.08 0.00	36.20 0.07 0.00	35.03 0.14 0.00	33.50 0.17 0.00	34.41 0.03 0.00	37.26 -0.26 0.00	43.01 -0.39 0.00	47.13 -0.33 0.00	46.07 -0.42 0.00	46.80 -0.05 0.00	47.66 -0.05 0.00	47.28 -0.09 0.00	46.17 -0.14 0.00	45.03 0.00 0.00	43.01 0.00 0.00	43.22 0.17 0.00	43.18 0.04 0.00	45.12 -0.32 0.00	42.71 -0.04 0.00	38.57 0.00 0.00	38.01 -0.27 0.00	35.28 -0.07 0.00	32.85 0.03 0.00	32.91 0.13 0.00

LYONS_FALL_HYD 23570	39.50 0.77 0.00	36.85 0.72 0.00	35.52 0.63 0.00	33.96 0.63 0.00	35.00 0.62 0.00	38.28 0.75 0.00	44.48 1.09 0.00	48.99 1.52 0.00	47.88 1.39 0.00	48.39 1.54 0.00	49.24 1.53 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.56 1.53 0.00	44.38 1.38 0.00	44.39 1.34 0.00	44.56 1.42 0.00	46.89 1.45 0.00	44.03 1.28 0.00	39.65 1.08 0.00	39.09 0.81 0.00	35.99 0.64 0.00	33.34 0.52 0.00	33.31 0.52 0.00
MADISON___COUNTY_LFGE 323628	39.73 1.01 0.00	37.14 1.01 0.00	35.76 0.87 0.00	34.20 0.87 0.00	35.27 0.89 0.00	38.73 1.20 0.00	44.96 1.56 0.00	49.51 2.04 0.00	48.40 1.91 0.00	48.86 2.01 0.00	49.76 2.05 0.00	49.41 2.04 0.00	48.26 1.95 0.00	47.01 1.98 0.00	44.81 1.81 0.00	44.69 1.64 0.00	44.86 1.73 0.00	47.25 1.82 0.00	44.29 1.54 0.00	39.85 1.27 0.00	39.47 1.19 0.00	36.31 0.95 0.00	33.64 0.82 0.00	33.64 0.85 0.00
MALONE___115KV_TB1 356076	40.47 1.74 0.00	37.76 1.63 0.00	36.56 1.67 0.00	34.93 1.60 0.00	35.96 1.58 0.00	39.10 1.58 0.00	44.91 1.52 0.00	48.84 1.38 0.00	47.89 1.39 0.00	48.39 1.55 0.00	49.43 1.72 0.00	49.13 1.75 0.00	48.02 1.71 0.00	46.69 1.67 0.00	44.68 1.68 0.00	45.12 2.07 0.00	44.95 1.81 0.00	46.93 1.50 0.00	44.63 1.88 0.00	40.23 1.66 0.00	39.77 1.49 0.00	36.84 1.48 0.00	34.26 1.44 0.00	34.52 1.74 0.00
MAPLEWOD_115KV_TB3 80458	39.70 0.97 0.00	37.00 0.87 0.00	35.69 0.80 0.00	34.13 0.80 0.00	35.20 0.83 0.00	38.43 0.90 0.00	44.83 1.43 0.00	49.32 1.85 0.00	48.12 1.63 0.00	48.39 1.55 0.00	49.29 1.57 0.00	48.89 1.52 0.00	47.75 1.44 0.00	46.42 1.40 0.00	44.30 1.29 0.00	44.21 1.16 0.00	44.43 1.29 0.00	47.07 1.64 0.00	43.95 1.20 0.00	39.54 0.96 0.00	39.28 1.00 0.00	36.24 0.88 0.00	33.67 0.85 0.00	33.47 0.69 0.00
MAPLE_RIDGE_WT_1 323574	38.57 -0.15 0.00	35.95 -0.18 0.00	34.68 -0.21 0.00	33.13 -0.20 0.00	34.17 -0.21 0.00	37.22 -0.30 0.00	42.88 -0.52 0.00	46.85 -0.62 0.00	45.89 -0.61 0.00	46.33 -0.51 0.00	47.23 -0.48 0.00	46.95 -0.43 0.00	45.94 -0.37 0.00	44.67 -0.36 0.00	42.71 -0.30 0.00	42.70 -0.35 0.00	42.71 -0.43 0.00	44.93 -0.50 0.00	42.36 -0.39 0.00	38.23 -0.35 0.00	37.90 -0.38 0.00	35.00 -0.35 0.00	32.52 -0.30 0.00	32.52 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	38.57 -0.15 0.00	35.95 -0.18 0.00	34.68 -0.21 0.00	33.13 -0.20 0.00	34.17 -0.21 0.00	37.22 -0.30 0.00	42.88 -0.52 0.00	46.85 -0.62 0.00	45.89 -0.61 0.00	46.33 -0.51 0.00	47.23 -0.48 0.00	46.95 -0.43 0.00	45.94 -0.37 0.00	44.67 -0.36 0.00	42.71 -0.30 0.00	42.70 -0.35 0.00	42.71 -0.43 0.00	44.93 -0.50 0.00	42.36 -0.39 0.00	38.23 -0.35 0.00	37.90 -0.38 0.00	35.00 -0.35 0.00	32.52 -0.30 0.00	32.52 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	39.97 1.24 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.50 1.17 0.00	35.55 1.17 0.00	38.73 1.20 0.00	44.22 0.82 0.00	47.80 0.33 0.00	46.72 0.23 0.00	47.26 0.42 0.00	48.24 0.53 0.00	47.94 0.57 0.00	47.51 1.20 0.00	46.20 1.17 0.00	44.21 1.20 0.00	44.21 1.16 0.00	44.17 1.03 0.00	46.57 1.14 0.00	44.20 1.45 0.00	39.92 1.35 0.00	39.47 1.19 0.00	36.41 1.06 0.00	33.90 1.08 0.00	34.26 1.48 0.00
MARSHVLE_115KV_TB1 80742	40.01 1.28 0.00	37.25 1.12 0.00	35.90 1.01 0.00	34.30 0.97 0.00	35.44 1.07 0.00	38.91 1.39 0.00	45.22 1.82 0.00	49.89 2.42 0.00	48.96 2.46 0.00	49.23 2.39 0.00	50.19 2.48 0.00	50.12 2.75 0.00	49.00 2.69 0.00	47.60 2.57 0.00	45.37 2.37 0.00	45.20 2.15 0.00	45.25 2.11 0.00	47.98 2.54 0.00	44.93 2.18 0.00	40.23 1.66 0.00	39.97 1.68 0.00	36.77 1.41 0.00	34.00 1.18 0.00	33.87 1.08 0.00
MARSH_HILL_WT_PWR 323713	38.30 -0.43 0.00	36.10 -0.04 0.00	34.79 -0.10 0.00	33.23 -0.10 0.00	34.38 0.00 0.00	37.86 0.34 0.00	43.74 0.35 0.00	47.56 0.10 0.00	46.63 0.14 0.00	46.80 -0.05 0.00	47.43 -0.28 0.00	47.28 -0.09 0.00	46.31 0.00 0.00	44.98 -0.04 0.00	42.71 -0.30 0.00	42.96 -0.09 0.00	43.18 0.04 0.00	45.39 -0.05 0.00	42.41 -0.34 0.00	37.92 -0.66 0.00	37.47 -0.81 0.00	34.54 -0.81 0.00	32.29 -0.53 0.00	32.69 -0.10 0.00
MCINTYRE_115KV_TB2 80467	39.85 1.12 0.00	37.18 1.05 0.00	36.11 1.22 0.00	34.53 1.20 0.00	35.51 1.13 0.00	38.31 0.79 0.00	44.09 0.69 0.00	47.94 0.47 0.00	46.96 0.46 0.00	47.64 0.80 0.00	48.62 0.91 0.00	48.18 0.81 0.00	47.05 0.74 0.00	45.88 0.86 0.00	43.91 0.90 0.00	44.25 1.21 0.00	44.00 0.86 0.00	45.80 0.36 0.00	43.69 0.94 0.00	39.58 1.00 0.00	39.16 0.88 0.00	36.38 1.03 0.00	33.94 1.12 0.00	34.00 1.21 0.00
MECO_____69_KV_BK1 80468	42.10 3.37 0.00	39.17 3.04 0.00	37.68 2.79 0.00	36.00 2.67 0.00	37.26 2.89 0.00	41.02 3.49 0.00	47.74 4.34 0.00	52.64 5.17 0.00	51.70 5.21 0.00	51.90 5.06 0.00	53.01 5.30 0.00	52.77 5.40 0.00	51.73 5.42 0.00	50.03 5.00 0.00	47.65 4.64 0.00	47.61 4.56 0.00	47.71 4.57 0.00	50.66 5.22 0.00	47.50 4.75 0.00	42.35 3.78 0.00	42.15 3.87 0.00	38.53 3.18 0.00	35.58 2.76 0.00	35.47 2.69 0.00
MENANDS___115KV_TB5 355628	39.54 0.81 0.00	36.82 0.69 0.00	35.55 0.66 0.00	33.97 0.63 0.00	35.03 0.65 0.00	38.20 0.68 0.00	44.61 1.22 0.00	49.03 1.57 0.00	48.03 1.53 0.00	48.30 1.45 0.00	49.19 1.48 0.00	48.79 1.42 0.00	47.65 1.34 0.00	46.33 1.31 0.00	44.25 1.25 0.00	43.95 0.90 0.00	44.17 1.04 0.00	46.80 1.36 0.00	43.65 0.90 0.00	39.31 0.73 0.00	39.01 0.73 0.00	36.06 0.71 0.00	33.51 0.69 0.00	33.31 0.52 0.00
MG INDUSTRY___DRP 24185	39.70 0.97 0.00	37.00 0.87 0.00	35.69 0.80 0.00	34.10 0.77 0.00	35.17 0.79 0.00	38.35 0.83 0.00	44.65 1.26 0.00	49.03 1.57 0.00	48.03 1.53 0.00	48.34 1.50 0.00	49.24 1.53 0.00	48.84 1.47 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.04 0.99 0.00	44.22 1.08 0.00	46.80 1.36 0.00	43.73 0.98 0.00	39.38 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.61 0.79 0.00	33.44 0.66 0.00
MID___OSWEGATCHIE_HYD 23849	38.81 0.08 0.00	36.20 0.07 0.00	35.03 0.14 0.00	33.50 0.17 0.00	34.41 0.03 0.00	37.26 -0.26 0.00	43.01 -0.39 0.00	47.13 -0.33 0.00	46.07 -0.42 0.00	46.80 -0.05 0.00	47.66 -0.05 0.00	47.28 -0.09 0.00	46.17 -0.14 0.00	45.03 0.00 0.00	43.01 0.00 0.00	43.22 0.17 0.00	43.18 0.04 0.00	45.12 -0.32 0.00	42.71 -0.04 0.00	38.57 0.00 0.00	38.01 -0.27 0.00	35.28 -0.07 0.00	32.85 0.03 0.00	32.91 0.13 0.00
MID___RAQUETTE_HYD 23851	39.23 0.50 0.00	36.60 0.47 0.00	35.55 0.66 0.00	34.00 0.67 0.00	34.86 0.48 0.00	37.41 -0.11 0.00	42.92 -0.48 0.00	46.71 -0.76 0.00	45.75 -0.74 0.00	46.56 -0.28 0.00	47.52 -0.19 0.00	47.14 -0.24 0.00	46.03 -0.28 0.00	44.85 -0.18 0.00	42.88 -0.13 0.00	43.26 0.22 0.00	43.05 -0.09 0.00	44.66 -0.77 0.00	42.54 -0.21 0.00	38.46 -0.12 0.00	38.05 -0.23 0.00	35.57 0.21 0.00	33.28 0.46 0.00	33.44 0.66 0.00

MILLIKEN___1 23584	39.27 0.54 0.00	36.75 0.61 0.00	35.41 0.52 0.00	33.83 0.50 0.00	34.93 0.55 0.00	38.31 0.79 0.00	44.31 0.91 0.00	48.80 1.33 0.00	47.70 1.21 0.00	48.06 1.22 0.00	48.86 1.15 0.00	48.60 1.23 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.04 1.03 0.00	43.95 0.90 0.00	44.26 1.12 0.00	46.71 1.27 0.00	43.82 1.07 0.00	39.38 0.81 0.00	39.05 0.77 0.00	35.95 0.60 0.00	33.31 0.49 0.00	33.37 0.59 0.00
MILLIKEN___2 23585	39.27 0.54 0.00	36.75 0.61 0.00	35.41 0.52 0.00	33.83 0.50 0.00	34.93 0.55 0.00	38.31 0.79 0.00	44.31 0.91 0.00	48.80 1.33 0.00	47.70 1.21 0.00	48.06 1.22 0.00	48.86 1.15 0.00	48.60 1.23 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.04 1.03 0.00	43.95 0.90 0.00	44.26 1.12 0.00	46.71 1.27 0.00	43.82 1.07 0.00	39.38 0.81 0.00	39.05 0.77 0.00	35.95 0.60 0.00	33.31 0.49 0.00	33.37 0.59 0.00
MILLIKEN___DIESEL 23629	39.27 0.54 0.00	36.75 0.61 0.00	35.41 0.52 0.00	33.83 0.50 0.00	34.93 0.55 0.00	38.31 0.79 0.00	44.31 0.91 0.00	48.80 1.33 0.00	47.70 1.21 0.00	48.06 1.22 0.00	48.86 1.15 0.00	48.60 1.23 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.04 1.03 0.00	43.95 0.90 0.00	44.26 1.12 0.00	46.71 1.27 0.00	43.82 1.07 0.00	39.38 0.81 0.00	39.05 0.77 0.00	35.95 0.60 0.00	33.31 0.49 0.00	33.37 0.59 0.00
MILLSEAT___LFGE 323607	36.67 -2.05 0.00	34.80 -1.34 0.00	33.53 -1.36 0.00	32.03 -1.30 0.00	33.07 -1.31 0.00	36.40 -1.12 0.00	41.66 -1.74 0.00	45.05 -2.42 0.00	44.21 -2.28 0.00	44.31 -2.53 0.00	44.66 -3.05 0.00	44.53 -2.84 0.00	43.62 -2.69 0.00	42.51 -2.52 0.00	40.34 -2.67 0.00	40.68 -2.37 0.00	41.07 -2.07 0.00	43.16 -2.27 0.00	40.31 -2.44 0.00	36.14 -2.43 0.00	35.91 -2.37 0.00	33.34 -2.01 0.00	31.31 -1.51 0.00	31.77 -1.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.39 1.67 0.00	37.43 1.30 0.00	36.15 1.26 0.00	34.53 1.20 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.57 2.17 0.00	50.17 2.71 0.00	49.23 2.74 0.00	49.56 2.72 0.00	50.57 2.86 0.00	50.12 2.75 0.00	49.00 2.69 0.00	47.64 2.61 0.00	45.46 2.45 0.00	45.12 2.07 0.00	45.51 2.37 0.00	48.30 2.86 0.00	44.89 2.14 0.00	40.31 1.74 0.00	40.12 1.84 0.00	36.98 1.63 0.00	34.17 1.35 0.00	34.00 1.21 0.00
MILLWOOD_13_KV_LOAD 356217	40.47 1.74 0.00	37.50 1.37 0.00	36.22 1.33 0.00	34.60 1.27 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.65 2.26 0.00	50.32 2.85 0.00	49.37 2.88 0.00	49.75 2.90 0.00	50.76 3.05 0.00	50.31 2.94 0.00	49.14 2.82 0.00	47.78 2.75 0.00	45.54 2.54 0.00	45.24 2.20 0.00	45.64 2.50 0.00	48.43 3.00 0.00	45.02 2.27 0.00	40.39 1.81 0.00	40.19 1.91 0.00	37.05 1.70 0.00	34.23 1.41 0.00	34.03 1.25 0.00
MODEL_CITY_ENERGY 24167	35.55 -3.17 0.00	33.78 -2.35 0.00	32.59 -2.30 0.00	31.13 -2.20 0.00	32.14 -2.23 0.00	35.35 -2.18 0.00	40.32 -3.08 0.00	43.29 -4.18 0.00	42.54 -3.95 0.00	42.63 -4.22 0.00	43.08 -4.63 0.00	42.92 -4.45 0.00	42.14 -4.17 0.00	41.02 -4.01 0.00	38.88 -4.13 0.00	39.22 -3.83 0.00	39.52 -3.62 0.00	41.53 -3.91 0.00	38.73 -4.02 0.00	34.75 -3.82 0.00	34.53 -3.75 0.00	32.14 -3.22 0.00	30.26 -2.56 0.00	30.78 -2.00 0.00
MODERN_LFGE___ 323580	35.55 -3.17 0.00	33.78 -2.35 0.00	32.59 -2.30 0.00	31.13 -2.20 0.00	32.14 -2.23 0.00	35.35 -2.18 0.00	40.32 -3.08 0.00	43.29 -4.18 0.00	42.54 -3.95 0.00	42.63 -4.22 0.00	43.08 -4.63 0.00	42.92 -4.45 0.00	42.14 -4.17 0.00	41.02 -4.01 0.00	38.88 -4.13 0.00	39.22 -3.83 0.00	39.52 -3.62 0.00	41.53 -3.91 0.00	38.73 -4.02 0.00	34.75 -3.82 0.00	34.53 -3.75 0.00	32.14 -3.22 0.00	30.26 -2.56 0.00	30.78 -2.00 0.00
MOHAWK_PAPER___DRP 24187	39.70 0.97 0.00	37.00 0.87 0.00	35.69 0.80 0.00	34.13 0.80 0.00	35.20 0.83 0.00	38.43 0.90 0.00	44.83 1.43 0.00	49.32 1.85 0.00	48.12 1.63 0.00	48.39 1.55 0.00	49.29 1.57 0.00	48.89 1.52 0.00	47.75 1.44 0.00	46.42 1.40 0.00	44.30 1.29 0.00	44.21 1.16 0.00	44.43 1.29 0.00	47.07 1.64 0.00	43.95 1.20 0.00	39.54 0.96 0.00	39.28 1.00 0.00	36.24 0.88 0.00	33.67 0.85 0.00	33.47 0.69 0.00
MOHICAN___35_KV_115KV_LD 80490	39.97 1.24 0.00	37.22 1.08 0.00	35.87 0.98 0.00	34.27 0.93 0.00	35.37 1.00 0.00	38.69 1.16 0.00	45.22 1.82 0.00	49.84 2.37 0.00	49.09 2.60 0.00	49.42 2.58 0.00	50.48 2.77 0.00	50.12 2.75 0.00	48.86 2.55 0.00	47.42 2.39 0.00	45.24 2.24 0.00	44.86 1.81 0.00	45.04 1.90 0.00	47.75 2.32 0.00	44.67 1.92 0.00	40.08 1.50 0.00	39.81 1.53 0.00	36.56 1.20 0.00	34.53 1.71 0.00	34.32 1.54 0.00
MONGAUP___HYD 23641	40.05 1.32 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.73 1.20 0.00	45.22 1.82 0.00	49.70 2.23 0.00	48.77 2.28 0.00	49.00 2.16 0.00	49.76 2.05 0.00	49.36 1.99 0.00	48.03 1.71 0.00	46.74 1.71 0.00	44.64 1.63 0.00	44.86 1.81 0.00	45.17 2.03 0.00	47.75 2.32 0.00	44.59 1.84 0.00	39.92 1.35 0.00	39.74 1.45 0.00	36.59 1.24 0.00	34.00 1.18 0.00	33.67 0.89 0.00
MONTAUK___DIESEL 23721	49.17 4.96 -5.48	44.91 4.34 -4.45	42.99 4.15 -3.95	42.75 4.07 -5.35	46.03 4.30 -7.35	48.81 4.62 -6.67	54.17 6.73 -4.04	57.50 7.69 -2.34	57.44 7.53 -3.41	54.03 7.17 -0.02	57.11 7.49 -1.90	54.59 7.20 -0.02	53.18 6.85 -0.02	52.03 6.48 -0.51	49.83 6.36 -0.46	49.44 6.07 -0.32	53.87 6.04 -4.69	62.39 6.45 -10.50	58.43 5.60 -10.08	52.04 5.01 -8.45	45.96 5.21 -2.48	44.10 4.67 -4.08	42.65 4.04 -5.79	41.00 3.64 -4.58
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.14 -1.59 0.00	35.05 -1.08 0.00	33.74 -1.15 0.00	32.43 -0.90 0.00	33.52 -0.86 0.00	37.08 -0.45 0.00	41.62 -1.78 0.00	45.95 -1.52 0.00	44.96 -1.53 0.00	45.44 -1.41 0.00	45.71 -2.00 0.00	45.76 -1.61 0.00	44.88 -1.44 0.00	43.54 -1.49 0.00	41.20 -1.81 0.00	41.07 -1.98 0.00	41.59 -1.55 0.00	43.75 -1.68 0.00	40.66 -2.09 0.00	36.34 -2.24 0.00	35.98 -2.30 0.00	33.23 -2.12 0.00	31.15 -1.67 0.00	31.90 -0.89 0.00
MORTIMER_115KV_TB3 55949	37.18 -1.55 0.00	35.08 -1.05 0.00	33.84 -1.05 0.00	32.33 -1.00 0.00	33.35 -1.03 0.00	36.66 -0.86 0.00	41.40 -2.00 0.00	45.76 -1.71 0.00	44.77 -1.72 0.00	45.11 -1.73 0.00	45.56 -2.15 0.00	45.43 -1.94 0.00	44.51 -1.81 0.00	43.27 -1.76 0.00	41.20 -1.81 0.00	41.20 -1.85 0.00	41.80 -1.34 0.00	44.02 -1.41 0.00	41.21 -1.54 0.00	36.99 -1.58 0.00	36.75 -1.53 0.00	33.94 -1.41 0.00	31.74 -1.08 0.00	32.00 -0.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.51 1.78 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00

MUNSVILLE_WIND_PWR 323609	41.98 3.25 0.00	39.24 3.11 0.00	37.61 2.72 0.00	36.00 2.67 0.00	37.09 2.72 0.00	40.91 3.38 0.00	47.95 4.56 0.00	53.02 5.55 0.00	51.51 5.02 0.00	51.90 5.06 0.00	52.82 5.11 0.00	52.63 5.26 0.00	51.22 4.91 0.00	50.34 5.31 0.00	47.78 4.77 0.00	47.66 4.61 0.00	47.93 4.79 0.00	50.57 5.13 0.00	47.45 4.70 0.00	42.55 3.97 0.00	42.07 3.79 0.00	38.54 3.18 0.00	35.58 2.76 0.00	35.63 2.85 0.00
N SALMON___HYD 24042	40.47 1.74 0.00	37.76 1.63 0.00	36.53 1.64 0.00	34.93 1.60 0.00	35.96 1.58 0.00	39.10 1.58 0.00	44.52 1.13 0.00	48.37 0.90 0.00	47.28 0.79 0.00	47.87 1.03 0.00	48.95 1.24 0.00	48.60 1.23 0.00	48.03 1.71 0.00	46.70 1.67 0.00	44.68 1.68 0.00	44.64 1.59 0.00	44.61 1.47 0.00	46.93 1.50 0.00	44.59 1.84 0.00	40.23 1.66 0.00	39.77 1.49 0.00	36.77 1.42 0.00	34.26 1.44 0.00	34.52 1.74 0.00
N.AKRON__115KV_KNAPP 355671	36.64 -2.09 0.00	34.76 -1.37 0.00	33.53 -1.36 0.00	32.03 -1.30 0.00	33.07 -1.31 0.00	36.40 -1.13 0.00	40.53 -2.86 0.00	44.90 -2.56 0.00	43.89 -2.60 0.00	44.27 -2.58 0.00	44.51 -3.20 0.00	44.44 -2.94 0.00	43.63 -2.69 0.00	42.42 -2.61 0.00	40.30 -2.71 0.00	40.34 -2.71 0.00	41.03 -2.11 0.00	43.12 -2.32 0.00	40.27 -2.48 0.00	36.11 -2.47 0.00	35.87 -2.41 0.00	33.34 -2.02 0.00	31.28 -1.54 0.00	31.77 -1.02 0.00
N.BELMOR_69_KV_BK1 55787	46.76 2.56 -5.48	42.71 2.13 -4.45	40.93 2.09 -3.95	40.65 1.97 -5.35	43.83 2.10 -7.35	46.44 2.25 -6.67	50.72 3.30 -4.03	53.73 3.94 -2.32	53.80 3.91 -3.40	50.68 3.84 0.00	53.70 4.10 -1.89	51.30 3.93 0.00	50.11 3.80 0.00	49.31 3.78 -0.50	47.02 3.57 -0.44	46.54 3.19 -0.31	51.39 3.58 -4.67	60.06 4.13 -10.49	56.20 3.38 -10.07	49.82 2.82 -8.43	43.61 2.87 -2.46	41.98 2.55 -4.08	40.81 2.20 -5.79	39.39 2.03 -4.58
N.E_GEN_SANDY PD 24062	40.12 1.39 0.00	38.12 1.34 -0.65	37.00 1.29 -0.82	35.60 1.23 -1.03	37.00 1.27 -1.35	39.22 1.35 -0.34	47.10 2.13 -1.58	51.15 2.51 -1.17	49.00 2.51 0.00	49.32 2.48 0.00	50.19 2.48 0.00	49.74 2.37 0.00	48.58 2.27 0.00	47.23 2.21 0.00	45.11 2.11 0.00	45.16 2.11 0.00	45.17 2.03 0.00	47.78 2.14 -0.21	44.25 1.50 0.00	39.89 1.31 0.00	39.54 1.26 0.00	38.82 1.31 -2.16	34.00 1.18 0.00	33.83 1.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.28 1.55 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.55 1.17 0.00	38.76 1.24 0.00	45.48 2.08 0.00	50.03 2.56 0.00	49.00 2.51 0.00	49.33 2.48 0.00	50.29 2.58 0.00	49.84 2.46 0.00	48.72 2.41 0.00	47.37 2.34 0.00	45.20 2.19 0.00	44.86 1.81 0.00	45.30 2.16 0.00	48.02 2.59 0.00	44.67 1.92 0.00	40.12 1.54 0.00	39.93 1.65 0.00	36.80 1.45 0.00	34.00 1.18 0.00	33.83 1.05 0.00
N.QUEENS_27_KV_LOAD 356247	40.39 1.67 0.00	37.25 1.12 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.69 1.16 0.00	45.61 2.21 0.00	50.32 2.85 0.00	49.47 2.98 0.00	49.94 3.09 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.46 2.41 0.00	46.07 2.93 0.00	48.93 3.50 0.00	45.40 2.65 0.00	40.73 2.16 0.00	40.58 2.30 0.00	37.33 1.98 0.00	34.36 1.54 0.00	34.13 1.34 0.00
N.TROY___115KV_TB1 355778	39.89 1.16 0.00	37.25 1.12 0.00	35.94 1.05 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.69 1.16 0.00	45.09 1.69 0.00	49.60 2.14 0.00	48.63 2.14 0.00	48.95 2.11 0.00	49.86 2.15 0.00	49.41 2.04 0.00	48.30 1.99 0.00	46.92 1.89 0.00	44.81 1.81 0.00	44.43 1.38 0.00	44.65 1.51 0.00	47.34 1.91 0.00	44.16 1.92 0.00	39.81 1.23 0.00	39.47 1.19 0.00	36.48 1.13 0.00	33.90 1.08 0.00	33.73 0.95 0.00
NARROWS_GT1_1 24228	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT1_2 24229	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT1_3 24230	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT1_4 24231	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT1_5 24232	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT1_6 24233	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT1_7 24234	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00

NARROWS_GT1_8 24235	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_1 24236	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_2 24237	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_3 24238	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_4 24239	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_5 24240	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_6 24241	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_7 24242	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NARROWS_GT2_8 24243	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.24 1.51 0.00	37.47 1.34 0.00	36.15 1.26 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.26 1.87 0.00	49.75 2.28 0.00	48.82 2.32 0.00	48.95 2.11 0.00	49.67 1.96 0.00	49.17 1.80 0.00	48.02 1.71 0.00	46.60 1.58 0.00	44.60 1.59 0.00	44.43 1.38 0.00	44.65 1.51 0.00	47.43 2.00 0.00	44.46 1.71 0.00	39.92 1.35 0.00	39.62 1.34 0.00	36.48 1.13 0.00	34.10 1.28 0.00	33.87 1.08 0.00
NCHELSEA_115KV_TR2 355582	40.63 1.90 0.00	37.69 1.55 0.00	36.39 1.50 0.00	34.73 1.40 0.00	35.82 1.44 0.00	39.10 1.58 0.00	45.83 2.43 0.00	50.51 3.04 0.00	49.61 3.11 0.00	49.94 3.09 0.00	50.86 3.15 0.00	50.40 3.03 0.00	49.18 2.87 0.00	47.82 2.79 0.00	45.63 2.62 0.00	45.33 2.28 0.00	45.64 2.50 0.00	48.48 3.04 0.00	45.10 2.35 0.00	40.43 1.85 0.00	40.23 1.95 0.00	37.09 1.73 0.00	34.33 1.51 0.00	34.16 1.38 0.00
NEG CAPITAL___MECHNVIL 23645	40.24 1.51 0.00	37.50 1.37 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.99 1.46 0.00	45.52 2.13 0.00	50.03 2.56 0.00	49.19 2.70 0.00	49.56 2.72 0.00	50.52 2.81 0.00	50.17 2.79 0.00	48.90 2.59 0.00	47.50 2.47 0.00	45.33 2.32 0.00	45.33 2.28 0.00	45.38 2.24 0.00	47.84 2.41 0.00	44.72 1.97 0.00	40.19 1.62 0.00	39.93 1.64 0.00	36.80 1.45 0.00	34.26 1.44 0.00	34.10 1.31 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.79 -1.94 0.00	34.65 -1.48 0.00	33.39 -1.50 0.00	31.90 -1.43 0.00	32.93 -1.44 0.00	36.18 -1.35 0.00	41.79 -1.60 0.00	45.57 -1.90 0.00	44.68 -1.81 0.00	44.88 -1.97 0.00	45.52 -2.19 0.00	45.34 -2.04 0.00	44.32 -1.99 0.00	43.09 -1.93 0.00	41.03 -1.98 0.00	41.24 -1.81 0.00	41.50 -1.64 0.00	43.61 -1.82 0.00	40.87 -1.88 0.00	36.72 -1.85 0.00	36.44 -1.84 0.00	33.62 -1.73 0.00	31.34 -1.48 0.00	31.50 -1.28 0.00
NEG CENTRAL___DRP 24199	38.26 -0.46 0.00	35.95 -0.18 0.00	34.68 -0.21 0.00	33.13 -0.20 0.00	34.21 -0.17 0.00	37.49 -0.04 0.00	43.18 -0.22 0.00	47.61 0.14 0.00	46.54 0.05 0.00	46.89 0.05 0.00	47.62 -0.10 0.00	47.37 0.00 0.00	46.36 0.05 0.00	45.03 0.00 0.00	42.88 -0.13 0.00	42.83 -0.22 0.00	43.14 0.00 0.00	45.48 0.05 0.00	42.66 -0.09 0.00	38.38 -0.19 0.00	38.05 -0.23 0.00	35.07 -0.28 0.00	32.56 -0.26 0.00	32.69 -0.10 0.00
NEG CENTRAL___INDECK 23768	37.34 -1.39 0.00	35.23 -0.90 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.92 -0.60 0.00	42.66 -0.74 0.00	46.47 -1.00 0.00	45.51 -0.98 0.00	45.58 -1.26 0.00	45.99 -1.72 0.00	46.05 -1.33 0.00	45.06 -1.25 0.00	43.86 -1.17 0.00	41.72 -1.29 0.00	42.14 -0.91 0.00	42.62 -0.52 0.00	44.84 -0.59 0.00	41.98 -0.77 0.00	37.57 -1.00 0.00	37.29 -1.00 0.00	34.33 -1.03 0.00	33.05 0.23 0.00	33.34 0.56 0.00

NEG CENTRAL___SENECA 23627	38.38 -0.35 0.00	36.20 0.07 0.00	34.89 0.00 0.00	33.33 0.00 0.00	34.45 0.07 0.00	37.75 0.23 0.00	43.35 -0.04 0.00	47.85 0.38 0.00	46.77 0.28 0.00	47.08 0.23 0.00	47.76 0.05 0.00	47.56 0.19 0.00	46.54 0.23 0.00	45.16 0.14 0.00	43.05 0.04 0.00	42.96 -0.09 0.00	43.31 0.17 0.00	45.66 0.23 0.00	42.79 0.04 0.00	38.54 -0.04 0.00	38.13 -0.15 0.00	35.18 -0.18 0.00	32.69 -0.13 0.00	32.88 0.10 0.00
NEG CENTRAL___STATE_STREET 24147	38.38 -0.35 0.00	35.92 -0.22 0.00	34.61 -0.28 0.00	33.10 -0.23 0.00	34.17 -0.21 0.00	37.49 -0.04 0.00	43.31 -0.09 0.00	47.75 0.28 0.00	46.72 0.23 0.00	47.08 0.23 0.00	47.85 0.14 0.00	47.61 0.24 0.00	46.59 0.28 0.00	45.25 0.23 0.00	43.14 0.13 0.00	43.05 0.00 0.00	43.27 0.13 0.00	45.66 0.23 0.00	42.84 0.09 0.00	38.54 -0.04 0.00	38.24 -0.04 0.00	35.21 -0.14 0.00	32.66 -0.16 0.00	32.69 -0.10 0.00
NEG MILLWOOD___DRP 24198	40.78 2.05 0.00	37.79 1.66 0.00	36.46 1.57 0.00	34.87 1.53 0.00	35.86 1.48 0.00	39.06 1.54 0.00	45.91 2.52 0.00	50.79 3.32 0.00	49.98 3.49 0.00	50.26 3.42 0.00	51.29 3.58 0.00	50.78 3.41 0.00	49.60 3.29 0.00	48.18 3.15 0.00	45.89 2.88 0.00	45.63 2.58 0.00	45.99 2.85 0.00	48.84 3.41 0.00	45.31 2.56 0.00	40.62 2.04 0.00	40.46 2.18 0.00	37.26 1.91 0.00	34.46 1.64 0.00	34.26 1.48 0.00
NEG NORTH_FLCN_SEA 23793	40.32 1.59 0.00	37.65 1.52 0.00	36.42 1.54 0.00	34.83 1.50 0.00	35.86 1.48 0.00	39.10 1.58 0.00	45.05 1.65 0.00	48.99 1.52 0.00	47.98 1.49 0.00	48.39 1.55 0.00	49.43 1.72 0.00	49.13 1.75 0.00	48.02 1.71 0.00	46.69 1.67 0.00	44.64 1.63 0.00	45.12 2.07 0.00	44.95 1.81 0.00	47.07 1.64 0.00	44.72 1.97 0.00	40.31 1.74 0.00	39.85 1.57 0.00	36.84 1.48 0.00	34.20 1.38 0.00	34.78 2.00 0.00
NEG NORTH_KES_CHATEGAY 23792	40.12 1.39 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.63 1.30 0.00	35.68 1.31 0.00	38.88 1.35 0.00	44.74 1.35 0.00	48.61 1.14 0.00	47.61 1.12 0.00	48.01 1.17 0.00	49.05 1.34 0.00	48.75 1.37 0.00	47.61 1.30 0.00	46.29 1.26 0.00	44.34 1.33 0.00	44.77 1.72 0.00	44.61 1.47 0.00	46.71 1.27 0.00	44.37 1.62 0.00	40.08 1.50 0.00	39.62 1.34 0.00	36.59 1.24 0.00	34.00 1.18 0.00	34.32 1.54 0.00
NEG NORTH___ALICE_FALLS 23915	40.70 1.98 0.00	38.01 1.88 0.00	36.74 1.85 0.00	35.10 1.77 0.00	36.16 1.79 0.00	39.48 1.95 0.00	45.48 2.08 0.00	49.46 1.99 0.00	48.49 2.00 0.00	48.86 2.01 0.00	49.91 2.19 0.00	49.60 2.23 0.00	48.49 2.18 0.00	47.10 2.07 0.00	45.07 2.06 0.00	45.37 2.32 0.00	45.21 2.07 0.00	47.43 2.00 0.00	45.06 2.31 0.00	40.58 2.01 0.00	40.12 1.84 0.00	37.05 1.70 0.00	34.40 1.58 0.00	34.85 2.07 0.00
NEG NORTH___LWR_SARANAC 23913	40.70 1.98 0.00	38.01 1.88 0.00	36.74 1.85 0.00	35.10 1.77 0.00	36.16 1.79 0.00	39.48 1.95 0.00	45.48 2.08 0.00	49.46 1.99 0.00	48.49 2.00 0.00	48.86 2.01 0.00	49.91 2.19 0.00	49.60 2.23 0.00	48.49 2.18 0.00	47.10 2.07 0.00	45.07 2.06 0.00	45.37 2.32 0.00	45.21 2.07 0.00	47.43 2.00 0.00	45.06 2.31 0.00	40.58 2.01 0.00	40.12 1.84 0.00	37.05 1.70 0.00	34.40 1.58 0.00	34.85 2.07 0.00
NEG NORTH___PLATTSBURG 23628	40.70 1.97 0.00	38.01 1.88 0.00	36.70 1.81 0.00	35.10 1.77 0.00	36.16 1.79 0.00	39.48 1.95 0.00	45.09 1.69 0.00	48.60 1.14 0.00	47.51 1.02 0.00	48.02 1.17 0.00	49.04 1.33 0.00	48.75 1.37 0.00	48.49 2.18 0.00	47.10 2.07 0.00	45.07 2.06 0.00	44.94 1.89 0.00	44.91 1.77 0.00	47.43 2.00 0.00	45.01 2.26 0.00	40.58 2.00 0.00	40.12 1.84 0.00	36.98 1.63 0.00	34.40 1.58 0.00	34.85 2.07 0.00
NEG WEST_LEA_LOCKPORT 23791	35.90 -2.83 0.00	34.11 -2.02 0.00	32.87 -2.02 0.00	31.43 -1.90 0.00	32.42 -1.96 0.00	35.61 -1.91 0.00	39.45 -3.95 0.00	43.57 -3.89 0.00	42.63 -3.86 0.00	43.00 -3.84 0.00	43.27 -4.44 0.00	43.25 -4.12 0.00	42.51 -3.80 0.00	41.29 -3.74 0.00	39.18 -3.83 0.00	39.22 -3.83 0.00	39.86 -3.28 0.00	41.89 -3.54 0.00	39.07 -3.68 0.00	35.06 -3.51 0.00	34.80 -3.48 0.00	32.52 -2.83 0.00	30.62 -2.20 0.00	31.14 -1.64 0.00
NEG WEST___LANCASTER 23811	37.18 -1.55 0.00	35.16 -0.98 0.00	33.91 -0.98 0.00	32.43 -0.90 0.00	33.52 -0.86 0.00	36.93 -0.60 0.00	41.27 -2.13 0.00	45.52 -1.95 0.00	44.54 -1.95 0.00	44.92 -1.92 0.00	45.23 -2.48 0.00	45.24 -2.13 0.00	44.46 -1.85 0.00	43.23 -1.80 0.00	40.99 -2.02 0.00	40.90 -2.15 0.00	41.50 -1.64 0.00	43.71 -1.73 0.00	40.78 -1.97 0.00	36.53 -2.04 0.00	36.21 -2.07 0.00	33.55 -1.80 0.00	31.44 -1.38 0.00	32.00 -0.79 0.00
NEG_PENN_ALLEGHNY 23528	39.00 0.27 0.00	36.49 0.36 0.00	35.20 0.31 0.00	33.63 0.30 0.00	34.69 0.31 0.00	38.01 0.49 0.00	44.18 0.78 0.00	48.32 0.86 0.00	47.28 0.79 0.00	47.55 0.70 0.00	48.38 0.67 0.00	48.08 0.71 0.00	47.01 0.70 0.00	45.75 0.72 0.00	43.56 0.56 0.00	43.70 0.65 0.00	43.87 0.73 0.00	46.20 0.77 0.00	43.26 0.51 0.00	38.88 0.31 0.00	38.59 0.30 0.00	35.60 0.25 0.00	33.02 0.20 0.00	33.11 0.33 0.00
NEG___GEN_MONROE 24207	37.26 -1.47 0.00	35.16 -0.98 0.00	34.05 -0.84 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.93 -0.60 0.00	41.49 -1.91 0.00	45.81 -1.66 0.00	44.82 -1.67 0.00	45.16 -1.69 0.00	45.61 -2.10 0.00	45.43 -1.94 0.00	44.55 -1.76 0.00	43.27 -1.76 0.00	41.20 -1.81 0.00	41.24 -1.81 0.00	41.89 -1.25 0.00	44.07 -1.36 0.00	41.30 -1.45 0.00	37.11 -1.47 0.00	36.90 -1.38 0.00	34.08 -1.27 0.00	31.87 -0.95 0.00	32.23 -0.56 0.00
NEPA___ENERGY 23901	36.99 -1.74 0.00	34.94 -1.19 0.00	33.74 -1.15 0.00	32.30 -1.03 0.00	33.35 -1.03 0.00	36.74 -0.79 0.00	41.14 -2.26 0.00	45.19 -2.28 0.00	44.21 -2.28 0.00	44.55 -2.30 0.00	44.85 -2.86 0.00	44.86 -2.51 0.00	44.09 -2.22 0.00	42.82 -2.21 0.00	40.64 -2.37 0.00	40.55 -2.50 0.00	41.15 -1.98 0.00	43.34 -2.09 0.00	40.44 -2.31 0.00	36.22 -2.35 0.00	35.95 -2.34 0.00	33.30 -2.05 0.00	31.18 -1.64 0.00	31.83 -0.95 0.00
NEVERSINK___HYD 23608	40.28 1.55 0.00	37.36 1.23 0.00	36.08 1.19 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.76 1.24 0.00	45.52 2.13 0.00	50.12 2.66 0.00	49.19 2.70 0.00	49.47 2.62 0.00	50.29 2.57 0.00	49.79 2.41 0.00	47.15 0.83 0.00	45.75 0.72 0.00	43.69 0.69 0.00	43.87 0.82 0.00	44.17 1.03 0.00	46.75 1.32 0.00	43.56 0.81 0.00	39.00 0.43 0.00	40.00 1.72 0.00	36.84 1.48 0.00	34.07 1.25 0.00	33.90 1.12 0.00
NEWKRMKL_115KV_TB1 55635	39.35 0.62 0.00	36.60 0.47 0.00	35.31 0.42 0.00	33.77 0.43 0.00	34.82 0.45 0.00	37.98 0.45 0.00	44.35 0.95 0.00	48.75 1.28 0.00	47.79 1.30 0.00	48.11 1.26 0.00	49.00 1.29 0.00	48.60 1.23 0.00	47.47 1.16 0.00	46.11 1.08 0.00	44.04 1.03 0.00	43.78 0.73 0.00	43.96 0.82 0.00	46.57 1.14 0.00	43.43 0.68 0.00	39.11 0.54 0.00	38.85 0.57 0.00	35.85 0.49 0.00	33.35 0.53 0.00	33.11 0.33 0.00

NEWTON___FALLS_HYD 23847	38.81 0.08 0.00	36.20 0.07 0.00	35.03 0.14 0.00	33.50 0.17 0.00	34.41 0.03 0.00	37.26 -0.26 0.00	43.01 -0.39 0.00	47.13 -0.33 0.00	46.07 -0.42 0.00	46.80 -0.05 0.00	47.66 -0.05 0.00	47.28 -0.09 0.00	46.17 -0.14 0.00	45.03 0.00 0.00	43.01 0.00 0.00	43.22 0.17 0.00	43.18 0.04 0.00	45.12 -0.32 0.00	42.71 -0.04 0.00	38.57 0.00 0.00	38.01 -0.27 0.00	35.28 -0.07 0.00	32.85 0.03 0.00	32.91 0.13 0.00
NGRID_A1_DSASP 323792	35.28 -3.45 0.00	33.50 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	39.97 -3.43 0.00	42.91 -4.56 0.00	42.17 -4.32 0.00	42.21 -4.64 0.00	42.65 -5.06 0.00	42.54 -4.83 0.00	41.73 -4.59 0.00	40.66 -4.37 0.00	38.49 -4.52 0.00	38.83 -4.22 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.30 0.00
NGRID_A2_DSASP 323793	35.28 -3.45 0.00	33.50 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	39.97 -3.43 0.00	42.91 -4.56 0.00	42.17 -4.32 0.00	42.21 -4.64 0.00	42.65 -5.06 0.00	42.54 -4.83 0.00	41.73 -4.59 0.00	40.66 -4.37 0.00	38.49 -4.52 0.00	38.83 -4.22 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.30 0.00
NGRID_A4_DSASP 323807	35.28 -3.45 0.00	33.50 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	39.97 -3.43 0.00	42.91 -4.56 0.00	42.17 -4.32 0.00	42.21 -4.64 0.00	42.65 -5.06 0.00	42.54 -4.83 0.00	41.73 -4.59 0.00	40.66 -4.37 0.00	38.49 -4.52 0.00	38.83 -4.22 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.30 0.00
NIAGARA_115E_LBMP 323715	35.36 -3.37 0.00	33.60 -2.53 0.00	32.41 -2.48 0.00	30.97 -2.37 0.00	31.94 -2.44 0.00	35.16 -2.36 0.00	40.06 -3.34 0.00	43.05 -4.41 0.00	42.31 -4.18 0.00	42.35 -4.50 0.00	42.80 -4.91 0.00	42.68 -4.69 0.00	41.87 -4.45 0.00	40.75 -4.28 0.00	38.62 -4.39 0.00	38.96 -4.09 0.00	39.26 -3.88 0.00	41.25 -4.18 0.00	38.52 -4.23 0.00	34.56 -4.01 0.00	34.34 -3.94 0.00	31.89 -3.46 0.00	30.06 -2.76 0.00	30.59 -2.20 0.00
NIAGARA_115W_LBMP 323714	35.20 -3.52 0.00	33.42 -2.71 0.00	32.24 -2.65 0.00	30.83 -2.50 0.00	31.80 -2.58 0.00	35.01 -2.51 0.00	38.67 -3.51 0.00	42.67 -4.70 0.00	41.75 -4.46 0.00	42.11 -4.73 0.00	42.56 -5.15 0.00	42.44 -4.93 0.00	41.64 -4.68 0.00	40.53 -4.50 0.00	38.41 -4.60 0.00	38.74 -4.30 0.00	39.04 -4.10 0.00	40.98 -4.45 0.00	38.26 -4.49 0.00	34.37 -4.20 0.00	34.15 -4.14 0.00	31.68 -3.68 0.00	29.90 -2.92 0.00	30.42 -2.36 0.00
NIAGARA_230_LBMP 323716	35.75 -2.98 0.00	33.96 -2.17 0.00	32.76 -2.13 0.00	31.33 -2.00 0.00	32.32 -2.06 0.00	35.57 -1.95 0.00	40.53 -2.87 0.00	43.53 -3.94 0.00	42.77 -3.72 0.00	42.81 -4.03 0.00	43.27 -4.44 0.00	43.16 -4.22 0.00	42.33 -3.98 0.00	41.20 -3.83 0.00	39.05 -3.96 0.00	39.39 -3.66 0.00	39.69 -3.45 0.00	41.71 -3.72 0.00	38.95 -3.80 0.00	34.95 -3.63 0.00	34.76 -3.52 0.00	32.24 -3.11 0.00	30.39 -2.43 0.00	30.92 -1.87 0.00
NIAGARA___115KV_198_GIBSON 55903	35.20 -3.52 0.00	33.42 -2.71 0.00	32.24 -2.65 0.00	30.83 -2.50 0.00	31.80 -2.58 0.00	35.01 -2.51 0.00	38.67 -4.73 0.00	42.67 -4.79 0.00	41.75 -4.74 0.00	42.11 -4.73 0.00	42.41 -5.30 0.00	42.35 -5.02 0.00	41.63 -4.68 0.00	40.44 -4.59 0.00	38.40 -4.60 0.00	38.40 -4.65 0.00	39.04 -4.10 0.00	40.98 -4.45 0.00	38.26 -4.49 0.00	34.37 -4.20 0.00	34.15 -4.13 0.00	31.68 -3.68 0.00	29.90 -2.92 0.00	30.42 -2.36 0.00
NIAGARA____ 23760	35.75 -2.98 0.00	33.96 -2.17 0.00	32.76 -2.13 0.00	31.33 -2.00 0.00	32.32 -2.06 0.00	35.57 -1.95 0.00	40.53 -2.87 0.00	43.53 -3.94 0.00	42.77 -3.72 0.00	42.81 -4.03 0.00	43.27 -4.44 0.00	43.16 -4.22 0.00	42.33 -3.98 0.00	41.20 -3.83 0.00	39.05 -3.96 0.00	39.39 -3.66 0.00	39.69 -3.45 0.00	41.71 -3.72 0.00	38.95 -3.80 0.00	34.95 -3.63 0.00	34.76 -3.52 0.00	32.24 -3.11 0.00	30.39 -2.43 0.00	30.92 -1.87 0.00
NINE_MILE_1 23575	37.22 -1.51 0.00	34.76 -1.37 0.00	33.56 -1.33 0.00	32.07 -1.27 0.00	33.07 -1.31 0.00	36.18 -1.35 0.00	41.92 -1.48 0.00	45.85 -1.61 0.00	44.91 -1.58 0.00	45.20 -1.64 0.00	46.04 -1.67 0.00	45.71 -1.66 0.00	44.74 -1.57 0.00	43.45 -1.58 0.00	41.46 -1.55 0.00	41.54 -1.51 0.00	41.67 -1.47 0.00	43.89 -1.54 0.00	41.17 -1.58 0.00	37.11 -1.47 0.00	36.83 -1.45 0.00	34.01 -1.34 0.00	31.57 -1.25 0.00	31.57 -1.21 0.00
NINE_MILE_2 23744	37.22 -1.51 0.00	34.76 -1.37 0.00	33.56 -1.33 0.00	32.07 -1.27 0.00	33.07 -1.31 0.00	36.18 -1.35 0.00	41.92 -1.48 0.00	45.85 -1.61 0.00	44.91 -1.58 0.00	45.20 -1.64 0.00	46.04 -1.67 0.00	45.71 -1.66 0.00	44.74 -1.57 0.00	43.45 -1.58 0.00	41.46 -1.55 0.00	41.54 -1.51 0.00	41.67 -1.47 0.00	43.89 -1.54 0.00	41.17 -1.58 0.00	37.11 -1.47 0.00	36.83 -1.45 0.00	34.01 -1.34 0.00	31.57 -1.25 0.00	31.57 -1.21 0.00
NM_CAPITAL___DRP 24208	39.46 0.74 0.00	36.75 0.61 0.00	35.45 0.56 0.00	33.90 0.57 0.00	34.96 0.58 0.00	38.13 0.60 0.00	44.48 1.08 0.00	48.94 1.47 0.00	47.89 1.39 0.00	48.20 1.36 0.00	49.09 1.38 0.00	48.65 1.28 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.12 1.12 0.00	43.87 0.82 0.00	44.04 0.91 0.00	46.66 1.23 0.00	43.56 0.81 0.00	39.23 0.66 0.00	38.93 0.65 0.00	35.95 0.60 0.00	33.44 0.62 0.00	33.21 0.43 0.00
NM_CENTRAL___DRP 24181	37.88 -0.85 0.00	35.41 -0.72 0.00	34.16 -0.73 0.00	32.63 -0.70 0.00	33.69 -0.69 0.00	36.89 -0.64 0.00	42.57 -0.82 0.00	46.85 -0.62 0.00	45.84 -0.65 0.00	46.23 -0.61 0.00	47.04 -0.67 0.00	46.76 -0.62 0.00	45.76 -0.56 0.00	44.44 -0.59 0.00	42.40 -0.60 0.00	42.32 -0.73 0.00	42.54 -0.60 0.00	44.84 -0.59 0.00	42.07 -0.68 0.00	37.84 -0.73 0.00	37.55 -0.73 0.00	34.65 -0.71 0.00	32.16 -0.66 0.00	32.16 -0.62 0.00
NM_FRONTIER___DRP 24179	35.20 -3.52 0.00	33.42 -2.71 0.00	32.24 -2.65 0.00	30.83 -2.50 0.00	31.80 -2.58 0.00	35.01 -2.51 0.00	38.67 -4.73 0.00	42.67 -4.79 0.00	41.75 -4.74 0.00	42.11 -4.73 0.00	42.41 -5.30 0.00	42.35 -5.02 0.00	41.63 -4.68 0.00	40.44 -4.59 0.00	38.40 -4.60 0.00	38.40 -4.65 0.00	39.04 -4.10 0.00	40.98 -4.45 0.00	38.26 -4.49 0.00	34.37 -4.20 0.00	34.15 -4.13 0.00	31.68 -3.68 0.00	29.90 -2.92 0.00	30.42 -2.36 0.00
NM_ST_REGIS___HYD 24053	39.46 0.74 0.00	36.82 0.69 0.00	35.76 0.87 0.00	34.17 0.83 0.00	35.06 0.69 0.00	37.75 0.23 0.00	43.44 0.04 0.00	47.18 -0.28 0.00	46.26 -0.23 0.00	46.98 0.14 0.00	47.95 0.24 0.00	47.56 0.19 0.00	46.45 0.14 0.00	45.25 0.23 0.00	43.26 0.26 0.00	43.69 0.65 0.00	43.48 0.35 0.00	45.16 -0.27 0.00	43.01 0.26 0.00	38.88 0.31 0.00	38.43 0.15 0.00	35.85 0.49 0.00	33.51 0.69 0.00	33.67 0.89 0.00

NORTHPORT___1 23551	47.00 2.79 -5.48	42.89 2.31 -4.45	41.07 2.23 -3.95	40.81 2.14 -5.35	44.04 2.30 -7.35	46.63 2.44 -6.67	50.90 3.47 -4.03	53.83 4.03 -2.33	53.98 4.09 -3.40	50.97 4.12 0.00	53.61 4.01 -1.89	51.30 3.93 0.00	50.11 3.80 0.00	49.31 3.78 -0.50	47.10 3.65 -0.44	47.06 3.70 -0.31	51.69 3.88 -4.67	60.06 4.13 -10.49	56.19 3.38 -10.07	49.82 2.81 -8.43	43.69 2.95 -2.46	42.20 2.76 -4.08	41.01 2.39 -5.79	39.59 2.23 -4.58
NORTHPORT___2 23552	47.00 2.79 -5.48	42.89 2.31 -4.45	41.07 2.23 -3.95	40.81 2.14 -5.35	44.04 2.30 -7.35	46.63 2.44 -6.67	50.90 3.47 -4.03	53.83 4.03 -2.33	53.98 4.09 -3.40	50.97 4.12 0.00	53.61 4.01 -1.89	51.30 3.93 0.00	50.11 3.80 0.00	49.31 3.78 -0.50	47.10 3.65 -0.44	47.06 3.70 -0.31	51.69 3.88 -4.67	60.06 4.13 -10.49	56.19 3.38 -10.07	49.82 2.81 -8.43	43.69 2.95 -2.46	42.20 2.76 -4.08	41.01 2.39 -5.79	39.59 2.23 -4.58
NORTHPORT___3 23553	47.34 3.14 -5.48	43.18 2.60 -4.45	41.35 2.51 -3.95	41.05 2.37 -5.35	44.38 2.65 -7.35	47.12 2.93 -6.67	52.93 5.51 -4.02	56.38 6.60 -2.32	56.11 6.23 -3.39	52.69 5.85 0.01	55.17 5.58 -1.88	52.15 4.78 0.01	50.38 4.08 0.01	48.76 3.24 -0.49	47.23 3.79 -0.43	47.52 4.17 -0.30	51.17 3.37 -4.66	58.41 2.50 -10.48	54.78 1.97 -10.06	49.47 2.47 -8.42	43.45 2.72 -2.45	41.38 1.94 -4.08	40.65 2.04 -5.79	39.49 2.13 -4.58
NORTHPORT___4 23650	47.34 3.14 -5.48	43.18 2.60 -4.45	41.35 2.51 -3.95	41.05 2.37 -5.35	44.38 2.65 -7.35	47.12 2.93 -6.67	52.93 5.51 -4.02	56.38 6.60 -2.32	56.11 6.23 -3.39	52.69 5.85 0.01	55.17 5.58 -1.88	52.15 4.78 0.01	50.38 4.08 0.01	48.76 3.24 -0.49	47.23 3.79 -0.43	47.52 4.17 -0.30	51.17 3.37 -4.66	58.41 2.50 -10.48	54.78 1.97 -10.06	49.47 2.47 -8.42	43.45 2.72 -2.45	41.38 1.94 -4.08	40.65 2.04 -5.79	39.49 2.13 -4.58
NORTHPORT___IC 23718	47.00 2.79 -5.48	42.89 2.31 -4.45	41.07 2.23 -3.95	40.81 2.14 -5.35	44.04 2.30 -7.35	46.63 2.44 -6.67	50.90 3.47 -4.03	53.83 4.03 -2.33	53.98 4.09 -3.40	50.97 4.12 0.00	53.61 4.01 -1.89	51.30 3.93 0.00	50.11 3.80 0.00	49.31 3.78 -0.50	47.10 3.65 -0.44	47.06 3.70 -0.31	51.69 3.88 -4.67	60.06 4.13 -10.49	56.19 3.38 -10.07	49.82 2.81 -8.43	43.69 2.95 -2.46	42.20 2.76 -4.08	41.01 2.39 -5.79	39.59 2.23 -4.58
NORTH___COUNTRY_ESR 323785	39.93 1.20 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.50 1.17 0.00	35.55 1.17 0.00	38.73 1.20 0.00	44.18 0.78 0.00	47.75 0.29 0.00	46.72 0.23 0.00	47.22 0.37 0.00	48.24 0.53 0.00	47.89 0.52 0.00	47.42 1.11 0.00	46.11 1.08 0.00	44.12 1.12 0.00	44.13 1.08 0.00	44.05 0.91 0.00	46.43 1.00 0.00	44.16 1.41 0.00	39.84 1.27 0.00	39.43 1.15 0.00	36.38 1.03 0.00	33.87 1.05 0.00	34.16 1.38 0.00
NPX_GEN_1385_PROXY 323591	46.84 2.63 -5.48	42.75 2.17 -4.45	41.00 2.16 -3.95	40.81 2.14 -5.35	44.00 2.27 -7.35	46.86 2.33 -7.01	50.59 3.51 -3.68	54.35 4.56 -2.33	54.68 4.79 -3.40	51.15 4.31 0.00	53.18 3.58 -1.89	51.02 3.65 0.00	50.02 3.71 0.00	49.49 3.96 -0.50	47.49 4.04 -0.44	47.49 4.13 -0.31	52.04 4.23 -4.67	60.01 4.09 -10.49	56.41 3.59 -10.07	50.17 3.16 -8.43	44.15 3.41 -2.46	42.62 3.18 -4.08	41.40 2.79 -5.79	39.98 2.62 -4.58
NPX_GEN_CSC 323557	47.89 3.68 -5.48	43.72 3.14 -4.45	41.84 3.00 -3.95	41.68 3.00 -5.35	44.86 3.13 -7.35	47.80 3.26 -7.01	52.39 5.29 -3.70	55.93 6.13 -2.34	55.91 6.00 -3.41	52.71 5.85 -0.02	55.29 5.67 -1.90	52.88 5.49 -0.02	51.51 5.19 -0.02	50.36 4.82 -0.51	48.32 4.86 -0.46	48.36 4.99 -0.32	52.44 4.62 -4.69	60.48 4.54 -10.50	56.68 3.85 -10.08	50.50 3.47 -8.45	44.59 3.83 -2.48	42.97 3.53 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58
NSINS_S_GLNS_FALLS 23858	39.89 1.16 0.00	37.11 0.98 0.00	35.76 0.87 0.00	34.17 0.83 0.00	35.27 0.89 0.00	38.58 1.05 0.00	45.09 1.69 0.00	49.70 2.23 0.00	49.00 2.51 0.00	49.33 2.48 0.00	50.38 2.67 0.00	50.03 2.65 0.00	48.77 2.45 0.00	47.33 2.30 0.00	45.11 2.11 0.00	44.73 1.68 0.00	44.86 1.73 0.00	47.57 2.14 0.00	44.50 1.75 0.00	39.96 1.39 0.00	39.70 1.42 0.00	36.45 1.10 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NUCOR_STEEL___DRP 24197	38.46 -0.27 0.00	35.99 -0.14 0.00	34.68 -0.21 0.00	33.17 -0.17 0.00	34.21 -0.17 0.00	37.53 0.00 0.00	43.27 -0.13 0.00	47.66 0.19 0.00	46.58 0.09 0.00	46.98 0.14 0.00	47.76 0.05 0.00	47.51 0.14 0.00	46.50 0.19 0.00	45.16 0.14 0.00	43.05 0.04 0.00	42.96 -0.09 0.00	43.23 0.09 0.00	45.62 0.18 0.00	42.75 0.00 0.00	38.46 -0.12 0.00	38.17 -0.11 0.00	35.18 -0.18 0.00	32.66 -0.16 0.00	32.69 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	39.23 0.50 0.00	36.60 0.47 0.00	35.27 0.38 0.00	33.76 0.43 0.00	34.76 0.38 0.00	37.98 0.45 0.00	44.05 0.65 0.00	48.56 1.09 0.00	47.42 0.93 0.00	48.02 1.17 0.00	48.81 1.10 0.00	48.46 1.09 0.00	47.29 0.97 0.00	46.20 1.17 0.00	44.04 1.03 0.00	44.08 1.03 0.00	44.22 1.08 0.00	46.52 1.09 0.00	43.77 1.02 0.00	39.42 0.85 0.00	38.70 0.42 0.00	35.63 0.28 0.00	33.05 0.23 0.00	33.04 0.26 0.00
NYISO_LBMP_REFERENCE 24008	38.73 0.00 0.00	36.13 0.00 0.00	34.89 0.00 0.00	33.33 0.00 0.00	34.38 0.00 0.00	37.53 0.00 0.00	43.40 0.00 0.00	47.47 0.00 0.00	46.49 0.00 0.00	46.84 0.00 0.00	47.71 0.00 0.00	47.37 0.00 0.00	46.31 0.00 0.00	45.03 0.00 0.00	43.01 0.00 0.00	43.05 0.00 0.00	43.14 0.00 0.00	45.43 0.00 0.00	42.75 0.00 0.00	38.57 0.00 0.00	38.28 0.00 0.00	35.35 0.00 0.00	32.82 0.00 0.00	32.78 0.00 0.00
NYPA_BRENTWD___GT 24164	47.46 3.25 -5.48	43.32 2.74 -4.45	41.49 2.65 -3.95	41.21 2.53 -5.35	44.45 2.72 -7.35	47.16 2.96 -6.67	51.72 4.30 -4.03	54.78 4.98 -2.33	54.87 4.98 -3.40	51.81 4.96 0.00	54.56 4.96 -1.89	52.21 4.83 0.00	50.90 4.59 0.00	50.03 4.50 -0.50	47.79 4.34 -0.44	47.79 4.44 -0.31	52.38 4.57 -4.67	60.74 4.81 -10.49	56.84 4.02 -10.07	50.40 3.40 -8.43	44.26 3.52 -2.46	42.62 3.18 -4.08	41.37 2.76 -5.79	39.95 2.59 -4.58
NYPA_GOWANUS___GT5 24156	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00
NYPA_GOWANUS___GT6 24157	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.78 2.39 0.00	50.55 3.08 0.00	49.70 3.21 0.00	50.22 3.37 0.00	51.29 3.58 0.00	50.83 3.46 0.00	49.65 3.34 0.00	48.23 3.20 0.00	46.02 3.01 0.00	46.11 3.06 0.00	46.59 3.45 0.00	49.16 3.73 0.00	45.70 2.95 0.00	40.89 2.31 0.00	56.02 2.49 -15.26	37.55 2.19 0.00	34.49 1.67 0.00	34.29 1.51 0.00

NYPA_HARLEM__RVR__GT1 24160	40.31 1.59 0.01	37.21 1.08 0.01	35.96 1.08 0.01	34.32 1.00 0.01	35.44 1.07 0.01	38.64 1.12 0.01	45.56 2.17 0.01	50.26 2.80 0.01	49.41 2.93 0.01	49.88 3.04 0.01	50.99 3.29 0.01	50.54 3.17 0.01	49.31 3.01 0.01	47.91 2.88 0.01	45.75 2.75 0.01	45.84 2.80 0.01	46.28 3.15 0.01	48.83 3.41 0.01	45.35 2.61 0.01	40.61 2.04 0.01	40.45 2.18 0.01	37.25 1.91 0.01	34.29 1.48 0.01	34.05 1.28 0.01
NYPA_HARLEM__RVR__GT2 24161	40.31 1.59 0.01	37.21 1.08 0.01	35.96 1.08 0.01	34.32 1.00 0.01	35.44 1.07 0.01	38.64 1.12 0.01	45.56 2.17 0.01	50.26 2.80 0.01	49.41 2.93 0.01	49.88 3.04 0.01	50.99 3.29 0.01	50.54 3.17 0.01	49.31 3.01 0.01	47.91 2.88 0.01	45.75 2.75 0.01	45.84 2.80 0.01	46.28 3.15 0.01	48.83 3.41 0.01	45.35 2.61 0.01	40.61 2.04 0.01	40.45 2.18 0.01	37.25 1.91 0.01	34.29 1.48 0.01	34.05 1.28 0.01
NYPA_KENT____GT 24152	40.55 1.82 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.78 2.39 0.00	50.51 3.04 0.00	49.65 3.16 0.00	50.17 3.33 0.00	51.24 3.53 0.00	50.79 3.41 0.00	49.60 3.29 0.00	48.18 3.15 0.00	45.97 2.97 0.00	46.06 3.01 0.00	46.51 3.37 0.00	49.07 3.64 0.00	45.61 2.86 0.00	40.81 2.24 0.00	49.43 2.41 -8.73	37.47 2.12 0.00	34.46 1.64 0.00	34.26 1.48 0.00
NYPA_POUCH1____GT 24155	40.43 1.70 0.00	37.25 1.12 0.00	36.01 1.12 0.00	34.37 1.03 0.00	35.48 1.10 0.00	38.65 1.12 0.00	45.56 2.17 0.00	50.32 2.85 0.00	49.47 2.98 0.00	49.99 3.14 0.00	51.05 3.34 0.00	50.64 3.27 0.00	49.42 3.10 0.00	48.00 2.97 0.00	45.80 2.79 0.00	45.93 2.88 0.00	46.41 3.28 0.01	48.98 3.55 0.00	45.53 2.78 0.00	40.69 2.12 0.00	55.83 2.30 -15.26	37.37 2.01 0.00	34.36 1.54 0.00	34.19 1.41 0.00
NYPA_VERNON____GT2 24162	40.51 1.78 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.82 2.43 0.00	50.51 3.04 0.00	49.61 3.12 0.00	50.12 3.28 0.00	51.19 3.48 0.00	50.74 3.36 0.00	49.50 3.19 0.00	48.13 3.10 0.00	45.93 2.93 0.00	46.02 2.97 0.00	46.46 3.32 0.00	48.98 3.55 0.00	45.53 2.78 0.00	40.77 2.20 0.00	42.83 2.34 -2.21	37.40 2.05 0.00	34.43 1.61 0.00	34.22 1.44 0.00
NYPA_VERNON____GT3 24163	40.51 1.78 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.82 2.43 0.00	50.51 3.04 0.00	49.61 3.12 0.00	50.12 3.28 0.00	51.19 3.48 0.00	50.74 3.36 0.00	49.50 3.19 0.00	48.13 3.10 0.00	45.93 2.93 0.00	46.02 2.97 0.00	46.46 3.32 0.00	48.98 3.55 0.00	45.53 2.78 0.00	40.77 2.20 0.00	42.83 2.34 -2.21	37.40 2.05 0.00	34.43 1.61 0.00	34.22 1.44 0.00
NYPA__ASTORIA_CC1 323568	40.47 1.74 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.74 2.34 0.00	50.41 2.94 0.00	49.56 3.07 0.00	50.03 3.19 0.00	51.10 3.39 0.00	50.69 3.31 0.00	49.46 3.15 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	46.38 3.24 0.00	48.93 3.50 0.00	45.44 2.69 0.00	40.69 2.12 0.00	40.58 2.30 0.00	37.37 2.01 0.00	34.40 1.58 0.00	34.19 1.41 0.00
NYPA__ASTORIA_CC2 323569	40.47 1.74 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.74 2.34 0.00	50.41 2.94 0.00	49.56 3.07 0.00	50.03 3.19 0.00	51.10 3.39 0.00	50.69 3.31 0.00	49.46 3.15 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	46.38 3.24 0.00	48.93 3.50 0.00	45.44 2.69 0.00	40.69 2.12 0.00	40.58 2.30 0.00	37.37 2.01 0.00	34.40 1.58 0.00	34.19 1.41 0.00
NYPA__HOLTSVILL 23794	47.34 3.14 -5.48	43.21 2.64 -4.45	41.35 2.51 -3.95	41.11 2.43 -5.35	44.34 2.61 -7.35	47.01 2.82 -6.67	51.70 4.26 -4.04	54.74 4.94 -2.34	54.83 4.93 -3.41	51.73 4.87 -0.02	54.43 4.82 -1.90	52.08 4.69 -0.02	50.77 4.45 -0.02	49.82 4.28 -0.51	47.63 4.17 -0.46	47.63 4.26 -0.32	52.14 4.31 -4.69	60.39 4.46 -10.50	56.51 3.68 -10.08	50.22 3.20 -8.45	44.09 3.33 -2.48	42.48 3.04 -4.08	41.24 2.63 -5.79	39.79 2.43 -4.58
NYPA__HELLGATE_GT1 24158	40.31 1.59 0.01	37.21 1.08 0.01	35.96 1.08 0.01	34.32 1.00 0.01	35.44 1.07 0.01	38.64 1.12 0.01	45.56 2.17 0.01	50.26 2.80 0.01	49.41 2.93 0.01	49.88 3.04 0.01	50.99 3.29 0.01	50.54 3.17 0.01	49.31 3.01 0.01	47.91 2.88 0.01	45.75 2.75 0.01	45.84 2.80 0.01	46.28 3.15 0.01	48.83 3.41 0.01	45.35 2.61 0.01	40.61 2.04 0.01	40.45 2.18 0.01	37.25 1.91 0.01	34.29 1.48 0.01	34.05 1.28 0.01
NYPA__HELLGATE_GT2 24159	40.31 1.59 0.01	37.21 1.08 0.01	35.96 1.08 0.01	34.32 1.00 0.01	35.44 1.07 0.01	38.64 1.12 0.01	45.56 2.17 0.01	50.26 2.80 0.01	49.41 2.93 0.01	49.88 3.04 0.01	50.99 3.29 0.01	50.54 3.17 0.01	49.31 3.01 0.01	47.91 2.88 0.01	45.75 2.75 0.01	45.84 2.80 0.01	46.28 3.15 0.01	48.83 3.41 0.01	45.35 2.61 0.01	40.61 2.04 0.01	40.45 2.18 0.01	37.25 1.91 0.01	34.29 1.48 0.01	34.05 1.28 0.01
NYS_BARGE__HYD 23848	35.94 -2.79 0.00	34.11 -2.02 0.00	32.90 -1.99 0.00	31.43 -1.90 0.00	32.45 -1.92 0.00	35.65 -1.88 0.00	40.71 -2.69 0.00	43.76 -3.70 0.00	43.00 -3.49 0.00	43.09 -3.75 0.00	43.51 -4.20 0.00	43.39 -3.98 0.00	42.60 -3.71 0.00	41.47 -3.56 0.00	39.31 -3.70 0.00	39.65 -3.40 0.00	39.95 -3.19 0.00	41.98 -3.45 0.00	39.16 -3.59 0.00	35.14 -3.43 0.00	34.91 -3.37 0.00	32.52 -2.83 0.00	30.62 -2.20 0.00	31.15 -1.64 0.00
OAK ORCHARD__HYD 24046	37.18 -1.55 0.00	35.08 -1.05 0.00	33.84 -1.05 0.00	32.33 -1.00 0.00	33.35 -1.03 0.00	36.66 -0.86 0.00	42.14 -1.26 0.00	45.80 -1.66 0.00	44.96 -1.53 0.00	45.11 -1.73 0.00	45.66 -2.05 0.00	45.48 -1.90 0.00	44.50 -1.81 0.00	43.32 -1.71 0.00	41.20 -1.80 0.00	41.46 -1.59 0.00	41.85 -1.29 0.00	44.02 -1.41 0.00	41.21 -1.54 0.00	36.99 -1.58 0.00	36.75 -1.53 0.00	33.94 -1.42 0.00	31.74 -1.08 0.00	32.00 -0.79 0.00
OAKDALE__35_KV_LOAD 356122	38.92 0.19 0.00	36.38 0.25 0.00	35.10 0.21 0.00	33.53 0.20 0.00	34.62 0.24 0.00	37.90 0.38 0.00	43.74 0.35 0.00	48.08 0.62 0.00	47.05 0.56 0.00	47.41 0.56 0.00	48.14 0.43 0.00	47.89 0.52 0.00	46.87 0.56 0.00	45.57 0.54 0.00	43.44 0.43 0.00	43.31 0.26 0.00	43.61 0.47 0.00	46.07 0.64 0.00	43.13 0.38 0.00	38.77 0.19 0.00	38.47 0.19 0.00	35.49 0.14 0.00	32.92 0.10 0.00	33.01 0.23 0.00
OCC_CHEM__DRP 24175	35.28 -3.45 0.00	33.49 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	38.80 -4.60 0.00	42.77 -4.70 0.00	41.84 -4.65 0.00	42.25 -4.59 0.00	42.51 -5.20 0.00	42.49 -4.88 0.00	41.73 -4.58 0.00	40.57 -4.46 0.00	38.49 -4.52 0.00	38.53 -4.52 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.29 0.00

OH_GEN_PROXY 24063	35.82 -2.91 0.00	34.00 -2.13 0.00	32.83 -2.06 0.00	31.37 -1.97 0.00	32.35 -2.03 0.00	35.96 -1.91 -0.34	40.27 -2.78 0.34	43.67 -3.80 0.00	42.91 -3.58 0.00	42.96 -3.89 0.00	43.42 -4.29 0.00	43.30 -4.07 0.00	42.47 -3.84 0.00	41.34 -3.69 0.00	39.18 -3.83 0.00	39.52 -3.53 0.00	39.82 -3.32 0.00	41.84 -3.59 0.00	39.07 -3.68 0.00	35.06 -3.51 0.00	34.87 -3.41 0.00	32.31 -3.04 0.00	30.46 -2.36 0.00	30.95 -1.84 0.00
OLIN_CORP_DRP 24177	35.47 -3.25 0.00	33.67 -2.46 0.00	32.48 -2.41 0.00	31.07 -2.27 0.00	32.04 -2.34 0.00	35.27 -2.25 0.00	39.01 -4.38 0.00	43.05 -4.41 0.00	42.12 -4.37 0.00	42.49 -4.36 0.00	42.80 -4.91 0.00	42.73 -4.64 0.00	41.96 -4.35 0.00	40.80 -4.23 0.00	38.71 -4.30 0.00	38.74 -4.30 0.00	39.34 -3.80 0.00	41.34 -4.09 0.00	38.60 -4.15 0.00	34.64 -3.93 0.00	34.41 -3.87 0.00	31.96 -3.39 0.00	30.13 -2.69 0.00	30.69 -2.10 0.00
OLIN_CORP_DSASP 323712	35.28 -3.45 0.00	33.50 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	39.97 -3.43 0.00	42.91 -4.56 0.00	42.17 -4.32 0.00	42.21 -4.64 0.00	42.65 -5.06 0.00	42.54 -4.83 0.00	41.73 -4.59 0.00	40.66 -4.37 0.00	38.49 -4.52 0.00	38.83 -4.22 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.30 0.00
ONEIDA_HERK_LFGE 323681	39.62 0.89 0.00	36.96 0.83 0.00	35.62 0.73 0.00	34.03 0.70 0.00	35.10 0.72 0.00	38.39 0.86 0.00	44.70 1.30 0.00	49.13 1.66 0.00	48.07 1.58 0.00	48.53 1.68 0.00	49.38 1.67 0.00	49.08 1.70 0.00	47.89 1.58 0.00	46.70 1.67 0.00	44.55 1.55 0.00	44.51 1.46 0.00	44.65 1.51 0.00	47.02 1.59 0.00	44.12 1.37 0.00	39.77 1.20 0.00	39.24 0.96 0.00	36.13 0.78 0.00	33.48 0.66 0.00	33.44 0.66 0.00
ONEIDA___115KV_TB4 55905	39.73 1.01 0.00	37.14 1.01 0.00	35.76 0.87 0.00	34.20 0.87 0.00	35.27 0.89 0.00	38.73 1.20 0.00	44.96 1.56 0.00	49.51 2.04 0.00	48.40 1.91 0.00	48.86 2.01 0.00	49.76 2.05 0.00	49.41 2.04 0.00	48.26 1.95 0.00	47.01 1.98 0.00	44.81 1.81 0.00	44.69 1.64 0.00	44.86 1.73 0.00	47.25 1.82 0.00	44.29 1.54 0.00	39.85 1.27 0.00	39.47 1.19 0.00	36.31 0.95 0.00	33.64 0.82 0.00	33.64 0.85 0.00
ONONDAGA_REF_OCCRA 23987	38.19 -0.54 0.00	35.70 -0.43 0.00	34.40 -0.49 0.00	32.87 -0.47 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	42.92 -0.48 0.00	47.23 -0.24 0.00	46.21 -0.28 0.00	46.61 -0.23 0.00	47.42 -0.29 0.00	47.14 -0.24 0.00	46.13 -0.19 0.00	44.80 -0.23 0.00	42.75 -0.26 0.00	42.66 -0.39 0.00	42.92 -0.22 0.00	45.25 -0.18 0.00	42.41 -0.34 0.00	38.19 -0.39 0.00	37.90 -0.38 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00
ONONDAGA___COGEN 23986	38.19 -0.54 0.00	35.70 -0.43 0.00	34.44 -0.45 0.00	32.90 -0.43 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	42.92 -0.48 0.00	47.18 -0.28 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.33 -0.38 0.00	47.09 -0.28 0.00	46.03 -0.28 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.86 -0.42 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00
ONTARIO___LFGE 23819	38.38 -0.35 0.00	36.20 0.07 0.00	34.89 0.00 0.00	33.33 0.00 0.00	34.45 0.07 0.00	37.75 0.23 0.00	43.83 0.43 0.00	47.89 0.43 0.00	46.86 0.37 0.00	47.08 0.24 0.00	47.81 0.10 0.00	47.61 0.24 0.00	46.54 0.23 0.00	45.21 0.18 0.00	43.05 0.04 0.00	43.22 0.17 0.00	43.40 0.26 0.00	45.66 0.23 0.00	42.79 0.04 0.00	38.54 -0.04 0.00	38.13 -0.15 0.00	35.21 -0.14 0.00	32.69 -0.13 0.00	32.88 0.10 0.00
ORANGEVILLE_WT_PWR 323706	36.99 -1.74 0.00	34.94 -1.19 0.00	33.67 -1.22 0.00	32.23 -1.10 0.00	33.31 -1.07 0.00	36.66 -0.86 0.00	42.05 -1.35 0.00	45.48 -1.99 0.00	44.63 -1.86 0.00	44.78 -2.06 0.00	45.28 -2.43 0.00	45.19 -2.18 0.00	44.27 -2.04 0.00	43.09 -1.93 0.00	40.86 -2.15 0.00	41.11 -1.94 0.00	41.37 -1.77 0.00	43.48 -1.95 0.00	40.57 -2.18 0.00	36.30 -2.28 0.00	35.98 -2.30 0.00	33.30 -2.05 0.00	31.21 -1.61 0.00	31.70 -1.08 0.00
ORANGEVILLE___ESR 323794	36.99 -1.74 0.00	34.94 -1.19 0.00	33.67 -1.22 0.00	32.23 -1.10 0.00	33.31 -1.07 0.00	36.66 -0.86 0.00	42.05 -1.35 0.00	45.48 -1.99 0.00	44.63 -1.86 0.00	44.78 -2.06 0.00	45.28 -2.43 0.00	45.19 -2.18 0.00	44.27 -2.04 0.00	43.09 -1.93 0.00	40.86 -2.15 0.00	41.11 -1.94 0.00	41.37 -1.77 0.00	43.48 -1.95 0.00	40.57 -2.18 0.00	36.30 -2.28 0.00	35.98 -2.30 0.00	33.30 -2.05 0.00	31.21 -1.61 0.00	31.70 -1.08 0.00
OSWEGATCHIE___HYD 24044	38.81 0.08 0.00	36.20 0.07 0.00	34.99 0.10 0.00	33.50 0.17 0.00	34.41 0.03 0.00	37.27 -0.26 0.00	42.83 -0.57 0.00	47.04 -0.43 0.00	45.98 -0.51 0.00	46.70 -0.14 0.00	47.57 -0.14 0.00	47.18 -0.19 0.00	46.17 -0.14 0.00	45.03 0.00 0.00	43.01 0.00 0.00	43.01 -0.04 0.00	43.05 -0.09 0.00	45.12 -0.32 0.00	42.71 -0.04 0.00	38.57 0.00 0.00	38.01 -0.27 0.00	35.18 -0.18 0.00	32.85 0.03 0.00	32.92 0.13 0.00
OSWEGO___5 23606	37.53 -1.20 0.00	35.08 -1.05 0.00	33.84 -1.05 0.00	32.33 -1.00 0.00	33.35 -1.03 0.00	36.48 -1.05 0.00	42.27 -1.13 0.00	46.23 -1.23 0.00	45.28 -1.21 0.00	45.58 -1.26 0.00	46.42 -1.29 0.00	46.14 -1.23 0.00	45.11 -1.20 0.00	43.86 -1.17 0.00	41.80 -1.20 0.00	41.89 -1.16 0.00	42.02 -1.12 0.00	44.25 -1.18 0.00	41.51 -1.24 0.00	37.42 -1.16 0.00	37.13 -1.15 0.00	34.29 -1.06 0.00	31.84 -0.98 0.00	31.83 -0.95 0.00
OSWEGO___6 23613	37.53 -1.20 0.00	35.08 -1.05 0.00	33.84 -1.05 0.00	32.33 -1.00 0.00	33.35 -1.03 0.00	36.48 -1.05 0.00	42.27 -1.13 0.00	46.23 -1.23 0.00	45.28 -1.21 0.00	45.58 -1.26 0.00	46.42 -1.29 0.00	46.14 -1.23 0.00	45.11 -1.20 0.00	43.86 -1.17 0.00	41.80 -1.20 0.00	41.89 -1.16 0.00	42.02 -1.12 0.00	44.25 -1.18 0.00	41.51 -1.24 0.00	37.42 -1.16 0.00	37.13 -1.15 0.00	34.29 -1.06 0.00	31.84 -0.98 0.00	31.83 -0.95 0.00
OUTOKUMPU-AB___DRP 24206	36.25 -2.48 0.00	34.40 -1.73 0.00	33.15 -1.74 0.00	31.70 -1.63 0.00	32.69 -1.68 0.00	36.03 -1.50 0.00	39.88 -3.52 0.00	44.10 -3.37 0.00	43.14 -3.35 0.00	43.56 -3.28 0.00	43.85 -3.86 0.00	43.82 -3.55 0.00	43.12 -3.20 0.00	41.88 -3.15 0.00	39.74 -3.27 0.00	39.69 -3.36 0.00	40.33 -2.80 0.00	42.39 -3.04 0.00	39.54 -3.21 0.00	35.49 -3.09 0.00	35.22 -3.06 0.00	32.70 -2.65 0.00	30.79 -2.03 0.00	31.31 -1.48 0.00
OXBOW___BTM 323836	35.78 -2.94 0.00	33.96 -2.17 0.00	32.76 -2.13 0.00	31.30 -2.03 0.00	32.32 -2.06 0.00	35.57 -1.95 0.00	40.53 -2.87 0.00	43.58 -3.89 0.00	42.82 -3.67 0.00	42.96 -3.89 0.00	43.37 -4.34 0.00	43.30 -4.07 0.00	42.47 -3.84 0.00	41.34 -3.69 0.00	39.14 -3.87 0.00	39.48 -3.57 0.00	39.77 -3.36 0.00	41.80 -3.64 0.00	38.99 -3.76 0.00	34.99 -3.59 0.00	34.76 -3.52 0.00	32.24 -3.11 0.00	30.39 -2.43 0.00	30.92 -1.87 0.00

OXBOW____ 24026	35.78 -2.94 0.00	33.96 -2.17 0.00	32.76 -2.13 0.00	31.30 -2.03 0.00	32.31 -2.06 0.00	35.57 -1.95 0.00	39.36 -4.04 0.00	43.48 -3.99 0.00	42.54 -3.95 0.00	42.96 -3.89 0.00	43.23 -4.48 0.00	43.20 -4.17 0.00	42.47 -3.84 0.00	41.29 -3.74 0.00	39.14 -3.87 0.00	39.13 -3.92 0.00	39.77 -3.36 0.00	41.80 -3.63 0.00	38.99 -3.76 0.00	34.99 -3.59 0.00	34.76 -3.52 0.00	32.24 -3.11 0.00	30.39 -2.43 0.00	30.91 -1.87 0.00
OXY_CHEM_DSASP 323612	35.28 -3.45 0.00	33.49 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	38.80 -4.60 0.00	42.77 -4.70 0.00	41.84 -4.65 0.00	42.25 -4.59 0.00	42.51 -5.20 0.00	42.49 -4.88 0.00	41.73 -4.58 0.00	40.57 -4.46 0.00	38.49 -4.52 0.00	38.53 -4.52 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.29 0.00
OZONE_PARK_ESR 323760	40.82 2.09 0.00	37.72 1.59 0.00	36.46 1.57 0.00	34.80 1.47 0.00	35.92 1.55 0.00	39.18 1.65 0.00	46.13 2.73 0.00	50.79 3.32 0.00	49.89 3.39 0.00	50.31 3.47 0.00	51.38 3.67 0.00	50.93 3.55 0.00	49.78 3.47 0.00	48.41 3.38 0.00	46.19 3.18 0.00	45.80 2.76 0.00	46.42 3.28 0.00	49.25 3.82 0.00	45.79 3.04 0.00	41.04 2.47 0.00	40.92 2.64 0.00	37.69 2.33 0.00	34.72 1.90 0.00	34.52 1.74 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.28 -3.45 0.00	33.49 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	38.80 -4.60 0.00	42.77 -4.70 0.00	41.84 -4.65 0.00	42.25 -4.59 0.00	42.51 -5.20 0.00	42.49 -4.88 0.00	41.73 -4.58 0.00	40.57 -4.46 0.00	38.49 -4.52 0.00	38.53 -4.52 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.29 0.00
PACKARD__115KV_DUPONT_184 80571	35.28 -3.45 0.00	33.49 -2.64 0.00	32.34 -2.55 0.00	30.90 -2.43 0.00	31.87 -2.51 0.00	35.12 -2.40 0.00	38.80 -4.60 0.00	42.77 -4.70 0.00	41.84 -4.65 0.00	42.25 -4.59 0.00	42.51 -5.20 0.00	42.49 -4.88 0.00	41.73 -4.58 0.00	40.57 -4.46 0.00	38.49 -4.52 0.00	38.53 -4.52 0.00	39.13 -4.01 0.00	41.12 -4.32 0.00	38.35 -4.40 0.00	34.45 -4.13 0.00	34.22 -4.06 0.00	31.75 -3.61 0.00	29.96 -2.86 0.00	30.49 -2.29 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.28 1.55 0.00	37.18 1.05 0.00	35.90 1.01 0.00	34.30 0.97 0.00	35.41 1.03 0.00	38.58 1.05 0.00	45.48 2.08 0.00	50.13 2.66 0.00	49.28 2.79 0.00	49.75 2.90 0.00	50.81 3.10 0.00	50.36 2.98 0.00	49.23 2.92 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.29 2.24 0.00	45.90 2.76 0.00	48.70 3.27 0.00	45.23 2.48 0.00	40.54 1.97 0.00	40.42 2.14 0.00	37.19 1.84 0.00	34.23 1.41 0.00	34.03 1.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.70 1.98 0.00	37.58 1.45 0.00	36.32 1.43 0.00	34.67 1.33 0.00	35.79 1.41 0.00	39.03 1.50 0.00	45.91 2.52 0.00	50.65 3.18 0.00	49.79 3.30 0.00	50.26 3.42 0.00	51.38 3.67 0.00	50.88 3.51 0.00	49.74 3.43 0.00	48.36 3.33 0.00	46.15 3.14 0.00	45.76 2.71 0.00	46.42 3.28 0.00	49.25 3.82 0.00	45.70 2.95 0.00	40.97 2.39 0.00	40.85 2.56 0.00	37.58 2.23 0.00	34.63 1.81 0.00	34.42 1.64 0.00
PATROON__115KV_TB1 80586	39.42 0.70 0.00	36.71 0.58 0.00	35.41 0.52 0.00	33.87 0.53 0.00	34.93 0.55 0.00	38.09 0.56 0.00	44.48 1.08 0.00	48.94 1.47 0.00	47.93 1.44 0.00	48.25 1.41 0.00	49.14 1.43 0.00	48.75 1.37 0.00	47.61 1.30 0.00	46.29 1.26 0.00	44.21 1.20 0.00	43.91 0.86 0.00	44.09 0.95 0.00	46.71 1.27 0.00	43.60 0.86 0.00	39.23 0.66 0.00	38.97 0.69 0.00	35.95 0.60 0.00	33.41 0.59 0.00	33.21 0.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.06 -1.67 0.00	35.08 -1.05 0.00	33.84 -1.05 0.00	32.37 -0.97 0.00	33.41 -0.96 0.00	36.81 -0.71 0.00	41.10 -2.30 0.00	45.38 -2.09 0.00	44.40 -2.09 0.00	44.78 -2.06 0.00	45.09 -2.62 0.00	45.15 -2.23 0.00	44.37 -1.95 0.00	43.09 -1.94 0.00	40.86 -2.15 0.00	40.81 -2.24 0.00	41.41 -1.73 0.00	43.57 -1.86 0.00	40.66 -2.09 0.00	36.45 -2.12 0.00	36.14 -2.14 0.00	33.44 -1.91 0.00	31.41 -1.41 0.00	31.93 -0.85 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.78 2.05 0.00	37.79 1.66 0.00	36.46 1.57 0.00	34.87 1.53 0.00	35.86 1.48 0.00	39.06 1.54 0.00	45.91 2.52 0.00	50.79 3.32 0.00	49.98 3.49 0.00	50.26 3.42 0.00	51.29 3.58 0.00	50.78 3.41 0.00	49.60 3.29 0.00	48.18 3.15 0.00	45.89 2.88 0.00	45.63 2.58 0.00	45.99 2.85 0.00	48.84 3.41 0.00	45.31 2.56 0.00	40.62 2.04 0.00	40.46 2.18 0.00	37.26 1.91 0.00	34.46 1.64 0.00	34.26 1.48 0.00
PEEKSKILL____ 23653	40.35 1.63 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.61 2.21 0.00	50.17 2.70 0.00	49.23 2.74 0.00	49.61 2.76 0.00	50.57 2.86 0.00	50.12 2.75 0.00	48.90 2.59 0.00	47.55 2.52 0.00	45.37 2.36 0.00	45.46 2.41 0.00	45.73 2.59 0.00	48.21 2.77 0.00	44.84 2.09 0.00	40.23 1.66 0.00	40.04 1.76 0.00	36.95 1.59 0.00	34.10 1.28 0.00	33.93 1.15 0.00
PGE MADISON__WINDPWR 24146	41.98 3.25 0.00	39.24 3.11 0.00	37.61 2.72 0.00	36.00 2.67 0.00	37.09 2.72 0.00	40.91 3.38 0.00	47.95 4.56 0.00	53.02 5.55 0.00	51.51 5.02 0.00	51.90 5.06 0.00	52.82 5.11 0.00	52.63 5.26 0.00	51.22 4.91 0.00	50.34 5.31 0.00	47.78 4.77 0.00	47.66 4.61 0.00	47.93 4.79 0.00	50.57 5.13 0.00	47.45 4.70 0.00	42.55 3.97 0.00	42.07 3.79 0.00	38.54 3.18 0.00	35.58 2.76 0.00	35.63 2.85 0.00
PIERCEFIELD__HYD 23852	39.23 0.50 0.00	36.60 0.47 0.00	35.55 0.66 0.00	34.00 0.67 0.00	34.86 0.48 0.00	37.41 -0.11 0.00	42.92 -0.48 0.00	46.71 -0.76 0.00	45.75 -0.74 0.00	46.56 -0.28 0.00	47.52 -0.19 0.00	47.14 -0.24 0.00	46.03 -0.28 0.00	44.85 -0.18 0.00	42.88 -0.13 0.00	43.26 0.22 0.00	43.05 -0.09 0.00	44.66 -0.77 0.00	42.54 -0.21 0.00	38.46 -0.12 0.00	38.05 -0.23 0.00	35.57 0.21 0.00	33.28 0.46 0.00	33.44 0.66 0.00
PINELAWN_CC_1 323563	47.15 2.94 -5.48	43.04 2.46 -4.45	41.24 2.41 -3.95	40.95 2.27 -5.35	44.14 2.41 -7.35	46.86 2.66 -6.67	51.37 3.95 -4.03	54.02 4.22 -2.33	54.08 4.19 -3.40	51.06 4.22 0.00	53.80 4.20 -1.89	51.40 4.02 0.00	50.11 3.80 0.00	49.22 3.69 -0.50	47.06 3.61 -0.44	47.01 3.66 -0.31	51.61 3.80 -4.67	59.92 4.00 -10.49	56.03 3.21 -10.07	49.75 2.74 -8.43	43.88 3.14 -2.46	42.27 2.83 -4.08	41.04 2.43 -5.79	39.62 2.26 -4.58
PJM_GEN_HTP_PROXY 323702	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	39.26 1.39 -0.34	45.48 2.43 0.34	50.41 2.94 0.00	49.51 3.02 0.00	49.93 3.09 0.00	50.96 3.25 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.91 2.88 0.00	45.72 2.71 0.00	45.81 2.76 0.00	46.20 3.06 0.00	48.71 3.27 0.00	45.27 2.52 0.00	40.58 2.00 0.00	40.42 2.14 0.00	37.26 1.91 0.00	34.36 1.54 0.00	34.16 1.38 0.00

PJM_GEN_KEYSTONE 24065	38.50 -0.23 0.00	35.95 -0.18 0.00	34.75 -0.14 0.00	33.20 -0.13 0.00	34.27 -0.10 0.00	37.87 0.00 -0.34	43.27 0.22 0.34	47.51 0.05 0.00	46.58 0.09 0.00	46.84 0.00 0.00	47.57 -0.14 0.00	47.28 -0.09 0.00	46.22 -0.09 0.00	44.98 -0.04 0.00	42.79 -0.21 0.00	43.01 -0.04 0.00	43.27 0.13 0.00	45.57 0.14 0.00	42.45 -0.30 0.00	38.11 -0.46 0.00	37.90 -0.38 0.00	35.00 -0.35 0.00	32.52 -0.30 0.00	32.69 -0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.45 2.25 -5.48	42.42 1.84 -4.45	40.61 1.78 -3.95	40.38 1.70 -5.35	43.52 1.79 -7.35	46.45 1.91 -7.01	50.03 2.95 -3.68	53.30 3.51 -2.32	53.42 3.53 -3.40	50.40 3.56 0.00	53.27 3.67 -1.89	50.93 3.55 0.00	49.69 3.38 0.00	48.81 3.29 -0.50	46.59 3.14 -0.44	46.54 3.19 -0.31	51.18 3.37 -4.67	59.51 3.59 -10.49	55.68 2.86 -10.07	49.36 2.35 -8.43	43.19 2.45 -2.46	41.67 2.23 -4.08	40.48 1.87 -5.79	39.10 1.74 -4.58
PJM_GEN_VFT_PROXY 323633	40.27 1.55 0.01	37.21 1.08 0.01	35.96 1.08 0.01	34.36 1.03 0.01	35.47 1.10 0.01	39.04 1.16 -0.34	45.26 2.21 0.34	50.12 2.66 0.00	49.23 2.74 0.00	49.65 2.81 0.00	50.67 2.96 0.00	50.26 2.89 0.00	49.04 2.73 0.00	47.64 2.61 0.00	45.50 2.49 0.00	45.59 2.54 0.00	45.94 2.80 0.00	48.43 3.00 0.00	45.01 2.26 0.00	40.39 1.81 0.00	40.31 2.03 0.00	37.16 1.80 0.00	34.23 1.41 0.00	34.00 1.21 0.00
PLATSBRG_115KV_PMLD1 355749	40.39 1.67 0.00	37.72 1.59 0.00	36.46 1.57 0.00	34.87 1.53 0.00	35.92 1.55 0.00	39.18 1.65 0.00	45.09 1.69 0.00	49.03 1.57 0.00	48.03 1.53 0.00	48.44 1.59 0.00	49.48 1.77 0.00	49.17 1.80 0.00	48.07 1.76 0.00	46.74 1.71 0.00	44.73 1.72 0.00	45.12 2.07 0.00	44.99 1.85 0.00	47.11 1.68 0.00	44.76 2.01 0.00	40.35 1.77 0.00	39.89 1.61 0.00	36.87 1.52 0.00	34.26 1.44 0.00	34.75 1.97 0.00
PLEASANTVLY___LBMP 24000	40.24 1.51 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.80 1.28 0.00	45.44 2.04 0.00	49.98 2.52 0.00	49.05 2.56 0.00	49.37 2.53 0.00	50.33 2.62 0.00	49.88 2.51 0.00	48.72 2.41 0.00	47.37 2.34 0.00	45.24 2.24 0.00	44.86 1.81 0.00	45.17 2.03 0.00	47.84 2.41 0.00	44.50 1.75 0.00	40.00 1.43 0.00	39.77 1.49 0.00	36.73 1.38 0.00	34.03 1.21 0.00	33.90 1.11 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.47 1.74 0.00	37.54 1.41 0.00	36.25 1.36 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.70 2.30 0.00	50.27 2.80 0.00	49.37 2.88 0.00	49.70 2.86 0.00	50.72 3.01 0.00	50.26 2.89 0.00	49.14 2.82 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.24 2.20 0.00	45.60 2.46 0.00	48.39 2.95 0.00	44.97 2.22 0.00	40.39 1.81 0.00	40.19 1.91 0.00	37.09 1.73 0.00	34.26 1.44 0.00	34.09 1.31 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.47 1.74 0.00	37.54 1.41 0.00	36.25 1.36 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.70 2.30 0.00	50.27 2.80 0.00	49.37 2.88 0.00	49.70 2.86 0.00	50.72 3.01 0.00	50.26 2.89 0.00	49.14 2.82 0.00	47.78 2.75 0.00	45.59 2.58 0.00	45.24 2.20 0.00	45.60 2.46 0.00	48.39 2.95 0.00	44.97 2.22 0.00	40.39 1.81 0.00	40.19 1.91 0.00	37.09 1.73 0.00	34.26 1.44 0.00	34.09 1.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.47 1.74 0.00	37.61 1.48 0.00	36.32 1.43 0.00	34.67 1.33 0.00	35.79 1.41 0.00	39.03 1.50 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.42 2.93 0.00	49.75 2.90 0.00	50.67 2.96 0.00	50.21 2.84 0.00	49.04 2.73 0.00	47.64 2.61 0.00	45.50 2.49 0.00	45.16 2.11 0.00	45.51 2.37 0.00	48.25 2.82 0.00	44.89 2.14 0.00	40.31 1.74 0.00	40.08 1.80 0.00	36.98 1.63 0.00	34.26 1.44 0.00	34.09 1.31 0.00
POLETTI_____ 23519	40.43 1.70 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.65 2.26 0.00	50.27 2.80 0.00	49.37 2.88 0.00	49.75 2.90 0.00	50.81 3.10 0.00	50.36 2.98 0.00	49.23 2.92 0.00	47.87 2.84 0.00	45.67 2.67 0.00	45.33 2.28 0.00	45.86 2.72 0.00	48.66 3.23 0.00	45.19 2.44 0.00	40.54 1.97 0.00	40.42 2.14 0.00	37.26 1.91 0.00	34.33 1.51 0.00	34.16 1.38 0.00
POMONA___ESR 323819	40.28 1.55 0.00	37.32 1.19 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.55 1.17 0.00	38.76 1.24 0.00	45.56 2.17 0.00	50.08 2.61 0.00	49.05 2.56 0.00	49.42 2.57 0.00	50.33 2.62 0.00	49.93 2.56 0.00	48.72 2.41 0.00	47.32 2.30 0.00	45.20 2.19 0.00	45.29 2.24 0.00	45.55 2.41 0.00	48.02 2.59 0.00	44.72 1.97 0.00	40.12 1.54 0.00	39.93 1.64 0.00	36.84 1.48 0.00	34.00 1.18 0.00	33.83 1.05 0.00
PORT_JEFF_3 23555	47.54 3.33 -5.48	43.36 2.78 -4.45	41.52 2.69 -3.95	41.28 2.60 -5.35	44.51 2.78 -7.35	47.20 3.00 -6.67	52.00 4.56 -4.05	55.12 5.32 -2.34	55.16 5.25 -3.42	52.06 5.20 -0.02	54.77 5.15 -1.91	52.36 4.97 -0.02	51.00 4.68 -0.02	50.05 4.50 -0.51	47.90 4.43 -0.46	47.89 4.52 -0.32	52.40 4.57 -4.69	60.52 4.59 -10.50	56.64 3.80 -10.08	50.42 3.40 -8.45	44.32 3.56 -2.48	42.62 3.18 -4.08	41.37 2.76 -5.79	39.92 2.56 -4.58
PORT_JEFF_4 23616	47.54 3.33 -5.48	43.36 2.78 -4.45	41.52 2.69 -3.95	41.28 2.60 -5.35	44.51 2.78 -7.35	47.20 3.00 -6.67	52.00 4.56 -4.05	55.12 5.32 -2.34	55.16 5.25 -3.42	52.06 5.20 -0.02	54.77 5.15 -1.91	52.36 4.97 -0.02	51.00 4.68 -0.02	50.05 4.50 -0.51	47.90 4.43 -0.46	47.89 4.52 -0.32	52.40 4.57 -4.69	60.52 4.59 -10.50	56.64 3.80 -10.08	50.42 3.40 -8.45	44.32 3.56 -2.48	42.62 3.18 -4.08	41.37 2.76 -5.79	39.92 2.56 -4.58
PORT_JEFF_IC 23713	47.58 3.37 -5.48	43.43 2.85 -4.45	41.59 2.76 -3.95	41.35 2.67 -5.35	44.58 2.85 -7.35	47.27 3.08 -6.67	52.17 4.73 -4.05	55.31 5.50 -2.34	55.35 5.44 -3.42	52.20 5.34 -0.02	54.91 5.30 -1.91	52.46 5.07 -0.02	51.10 4.77 -0.02	50.09 4.55 -0.52	47.98 4.51 -0.46	47.98 4.61 -0.33	52.45 4.62 -4.69	60.44 4.50 -10.51	56.60 3.76 -10.09	50.50 3.47 -8.45	44.36 3.60 -2.48	42.65 3.22 -4.08	41.40 2.79 -5.79	39.95 2.59 -4.58
PPL PILGRIM_ST_GT1 24216	47.46 3.25 -5.48	43.32 2.74 -4.45	41.49 2.65 -3.95	41.21 2.53 -5.35	44.45 2.72 -7.35	47.16 2.96 -6.67	51.72 4.30 -4.03	54.78 4.98 -2.33	54.87 4.98 -3.40	51.81 4.96 0.00	54.56 4.96 -1.89	52.21 4.83 0.00	50.90 4.59 0.00	50.03 4.50 -0.50	47.79 4.34 -0.44	47.79 4.44 -0.31	52.38 4.57 -4.67	60.74 4.81 -10.49	56.84 4.02 -10.07	50.40 3.40 -8.43	44.26 3.52 -2.46	42.62 3.18 -4.08	41.37 2.76 -5.79	39.95 2.59 -4.58
PPL PILGRIM_ST_GT2 24217	47.46 3.25 -5.48	43.32 2.74 -4.45	41.49 2.65 -3.95	41.21 2.53 -5.35	44.45 2.72 -7.35	47.16 2.96 -6.67	51.72 4.30 -4.03	54.78 4.98 -2.33	54.87 4.98 -3.40	51.81 4.96 0.00	54.56 4.96 -1.89	52.21 4.83 0.00	50.90 4.59 0.00	50.03 4.50 -0.50	47.79 4.34 -0.44	47.79 4.44 -0.31	52.38 4.57 -4.67	60.74 4.81 -10.49	56.84 4.02 -10.07	50.40 3.40 -8.43	44.26 3.52 -2.46	42.62 3.18 -4.08	41.37 2.76 -5.79	39.95 2.59 -4.58

PPL_SHRM_GT3 24213	47.89 3.68 -5.48	43.72 3.14 -4.45	41.84 3.00 -3.95	41.68 3.00 -5.35	44.83 3.10 -7.35	47.46 3.26 -6.67	52.69 5.25 -4.05	55.84 6.03 -2.34	55.86 5.95 -3.42	52.67 5.81 -0.02	55.24 5.63 -1.91	52.83 5.45 -0.02	51.47 5.14 -0.02	50.31 4.77 -0.51	48.28 4.82 -0.46	48.32 4.95 -0.32	52.44 4.62 -4.69	60.52 4.59 -10.50	56.72 3.89 -10.08	50.53 3.51 -8.45	44.59 3.83 -2.48	42.97 3.53 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58
PPL_SHRM_GT4 24214	47.89 3.68 -5.48	43.72 3.14 -4.45	41.84 3.00 -3.95	41.68 3.00 -5.35	44.83 3.10 -7.35	47.46 3.26 -6.67	52.69 5.25 -4.05	55.84 6.03 -2.34	55.86 5.95 -3.42	52.67 5.81 -0.02	55.24 5.63 -1.91	52.83 5.45 -0.02	51.47 5.14 -0.02	50.31 4.77 -0.51	48.28 4.82 -0.46	48.32 4.95 -0.32	52.44 4.62 -4.69	60.52 4.59 -10.50	56.72 3.89 -10.08	50.53 3.51 -8.45	44.59 3.83 -2.48	42.97 3.53 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58
PROJECT___ORANGE 1 24174	37.91 -0.81 0.00	35.45 -0.69 0.00	34.19 -0.70 0.00	32.67 -0.67 0.00	33.69 -0.69 0.00	36.93 -0.60 0.00	42.61 -0.78 0.00	46.90 -0.57 0.00	45.89 -0.60 0.00	46.28 -0.56 0.00	47.09 -0.62 0.00	46.80 -0.57 0.00	45.80 -0.51 0.00	44.49 -0.54 0.00	42.45 -0.56 0.00	42.36 -0.69 0.00	42.58 -0.56 0.00	44.89 -0.55 0.00	42.11 -0.64 0.00	37.88 -0.69 0.00	37.59 -0.69 0.00	34.68 -0.67 0.00	32.16 -0.66 0.00	32.19 -0.59 0.00
PROJECT___ORANGE 2 24166	37.91 -0.81 0.00	35.45 -0.69 0.00	34.19 -0.70 0.00	32.67 -0.67 0.00	33.69 -0.69 0.00	36.93 -0.60 0.00	42.61 -0.78 0.00	46.90 -0.57 0.00	45.89 -0.60 0.00	46.28 -0.56 0.00	47.09 -0.62 0.00	46.80 -0.57 0.00	45.80 -0.51 0.00	44.49 -0.54 0.00	42.45 -0.56 0.00	42.36 -0.69 0.00	42.58 -0.56 0.00	44.89 -0.55 0.00	42.11 -0.64 0.00	37.88 -0.69 0.00	37.59 -0.69 0.00	34.68 -0.67 0.00	32.16 -0.66 0.00	32.19 -0.59 0.00
PUCKETT___SOLAR 323809	39.73 1.01 0.00	37.14 1.01 0.00	35.80 0.91 0.00	34.20 0.87 0.00	35.31 0.93 0.00	38.73 1.20 0.00	45.09 1.69 0.00	49.41 1.95 0.00	48.30 1.81 0.00	48.58 1.73 0.00	49.38 1.67 0.00	49.13 1.75 0.00	47.98 1.66 0.00	46.70 1.67 0.00	44.51 1.50 0.00	44.68 1.64 0.00	44.91 1.77 0.00	47.34 1.91 0.00	44.33 1.58 0.00	39.81 1.23 0.00	39.51 1.22 0.00	36.38 1.03 0.00	33.71 0.89 0.00	33.77 0.98 0.00
PYRITES___HYD 24023	39.97 1.24 0.00	37.25 1.12 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.44 1.07 0.00	38.16 0.64 0.00	43.96 0.56 0.00	47.89 0.43 0.00	46.91 0.42 0.00	47.69 0.84 0.00	48.62 0.91 0.00	48.18 0.81 0.00	47.05 0.74 0.00	45.93 0.90 0.00	43.91 0.90 0.00	44.21 1.16 0.00	43.92 0.78 0.00	45.66 0.23 0.00	43.52 0.77 0.00	39.38 0.81 0.00	38.97 0.69 0.00	36.27 0.92 0.00	33.87 1.05 0.00	33.93 1.15 0.00
QUAKERRD_115KV_BK1 80622	36.52 -2.21 0.00	34.40 -1.73 0.00	33.18 -1.71 0.00	31.70 -1.63 0.00	32.69 -1.68 0.00	35.95 -1.58 0.00	40.88 -2.52 0.00	45.14 -2.33 0.00	44.17 -2.32 0.00	44.50 -2.34 0.00	45.04 -2.67 0.00	44.91 -2.46 0.00	43.95 -2.36 0.00	42.69 -2.34 0.00	40.68 -2.32 0.00	40.68 -2.37 0.00	41.11 -2.03 0.00	43.25 -2.18 0.00	40.53 -2.22 0.00	36.41 -2.16 0.00	36.18 -2.11 0.00	33.37 -1.98 0.00	31.11 -1.71 0.00	31.31 -1.48 0.00
QUENSBRY_115KV_TB8 356137	39.81 1.08 0.00	37.04 0.90 0.00	35.69 0.80 0.00	34.10 0.77 0.00	35.20 0.83 0.00	38.54 1.01 0.00	45.00 1.61 0.00	49.65 2.18 0.00	48.96 2.46 0.00	49.33 2.48 0.00	50.33 2.62 0.00	49.98 2.61 0.00	48.72 2.41 0.00	47.28 2.25 0.00	45.07 2.06 0.00	44.73 1.68 0.00	44.86 1.73 0.00	47.57 2.14 0.00	44.50 1.75 0.00	39.92 1.35 0.00	39.70 1.42 0.00	36.41 1.06 0.00	34.49 1.67 0.00	34.32 1.54 0.00
RAMAPO___LBMP 323565	40.16 1.43 0.00	37.22 1.08 0.00	35.97 1.08 0.00	34.37 1.03 0.00	35.44 1.07 0.00	38.65 1.13 0.00	45.31 1.91 0.00	49.84 2.37 0.00	48.86 2.37 0.00	49.19 2.34 0.00	50.14 2.43 0.00	49.74 2.37 0.00	48.58 2.27 0.00	47.24 2.21 0.00	45.07 2.06 0.00	44.77 1.72 0.00	45.17 2.03 0.00	47.89 2.45 0.00	44.55 1.80 0.00	40.00 1.43 0.00	39.81 1.53 0.00	36.73 1.38 0.00	33.90 1.08 0.00	33.73 0.95 0.00
RANKINE____ 23646	36.75 -1.98 0.00	34.83 -1.30 0.00	33.56 -1.33 0.00	32.10 -1.23 0.00	33.17 -1.20 0.00	36.55 -0.98 0.00	40.62 -2.78 0.00	44.90 -2.56 0.00	43.93 -2.56 0.00	44.31 -2.53 0.00	44.66 -3.05 0.00	44.62 -2.75 0.00	43.86 -2.45 0.00	42.64 -2.39 0.00	40.43 -2.58 0.00	40.38 -2.67 0.00	40.98 -2.16 0.00	43.12 -2.32 0.00	40.23 -2.52 0.00	36.07 -2.51 0.00	35.75 -2.53 0.00	33.13 -2.23 0.00	31.15 -1.67 0.00	31.70 -1.08 0.00
RAVENSWOOD_GT2_1 24244	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT2_2 24245	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT2_3 24246	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.68 1.31 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT2_4 24247	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.68 1.31 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT3_1 24248	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00

RAVENSWOOD_GT3_2 24249	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.65 1.27 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.50 3.13 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT3_3 24250	40.55 1.82 0.00	37.50 1.37 0.00	36.22 1.33 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.56 3.07 0.00	49.94 3.09 0.00	51.00 3.29 0.00	50.55 3.17 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.46 2.41 0.00	46.03 2.89 0.00	48.84 3.41 0.00	45.36 2.61 0.00	40.70 2.12 0.00	40.54 2.26 0.00	37.37 2.02 0.00	34.43 1.61 0.00	34.23 1.44 0.00
RAVENSWOOD_GT3_4 24251	40.55 1.82 0.00	37.50 1.37 0.00	36.22 1.33 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.56 3.07 0.00	49.94 3.09 0.00	51.00 3.29 0.00	50.55 3.17 0.00	49.41 3.10 0.00	48.05 3.02 0.00	45.84 2.84 0.00	45.46 2.41 0.00	46.03 2.89 0.00	48.84 3.41 0.00	45.36 2.61 0.00	40.70 2.12 0.00	40.54 2.26 0.00	37.37 2.02 0.00	34.43 1.61 0.00	34.23 1.44 0.00
RAVENSWOOD_GT_1 23729	40.51 1.78 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.74 2.34 0.00	50.41 2.94 0.00	49.61 3.11 0.00	50.03 3.19 0.00	51.10 3.39 0.00	50.69 3.32 0.00	49.51 3.20 0.00	48.14 3.11 0.00	45.93 2.92 0.00	45.55 2.50 0.00	46.12 2.98 0.00	48.98 3.54 0.00	45.44 2.69 0.00	40.77 2.20 0.00	42.87 2.37 -2.21	37.40 2.05 0.00	34.43 1.61 0.00	34.23 1.44 0.00
RAVENSWOOD_GT_10 24258	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT_11 24259	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT_4 24252	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.84 3.00 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.72 2.71 0.00	45.37 2.32 0.00	45.90 2.76 0.00	48.70 3.27 0.00	45.27 2.52 0.00	40.58 2.01 0.00	42.15 2.18 -1.68	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT_5 24254	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.84 3.00 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.72 2.71 0.00	45.37 2.32 0.00	45.90 2.76 0.00	48.70 3.27 0.00	45.27 2.52 0.00	40.58 2.01 0.00	42.15 2.18 -1.68	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT_6 24253	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.84 3.00 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.72 2.71 0.00	45.37 2.32 0.00	45.90 2.76 0.00	48.70 3.27 0.00	45.27 2.52 0.00	40.58 2.01 0.00	42.15 2.18 -1.68	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT_7 24255	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.84 3.00 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.72 2.71 0.00	45.37 2.32 0.00	45.90 2.76 0.00	48.70 3.27 0.00	45.27 2.52 0.00	40.58 2.01 0.00	42.15 2.18 -1.68	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD_GT_9 24257	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.88 1.35 0.00	45.74 2.34 0.00	50.36 2.90 0.00	49.47 2.98 0.00	49.89 3.04 0.00	50.91 3.20 0.00	50.45 3.08 0.00	49.32 3.01 0.00	47.96 2.93 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RAVENSWOOD___1 23533	40.51 1.78 0.00	37.40 1.26 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.78 2.39 0.00	50.46 2.99 0.00	49.61 3.12 0.00	50.07 3.23 0.00	51.15 3.44 0.00	50.74 3.36 0.00	49.50 3.19 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.98 2.93 0.00	46.42 3.28 0.00	48.98 3.55 0.00	45.49 2.74 0.00	40.73 2.16 0.00	40.62 2.34 0.00	37.40 2.05 0.00	34.43 1.61 0.00	34.22 1.44 0.00
RAVENSWOOD___2 23534	40.47 1.74 0.00	37.40 1.26 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.78 2.39 0.00	50.46 2.99 0.00	49.61 3.12 0.00	50.07 3.23 0.00	51.15 3.44 0.00	50.69 3.31 0.00	49.50 3.19 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.98 2.93 0.00	46.42 3.28 0.00	48.93 3.50 0.00	45.49 2.74 0.00	40.73 2.16 0.00	40.58 2.30 0.00	37.40 2.05 0.00	34.43 1.61 0.00	34.19 1.41 0.00
RAVENSWOOD___3 23535	40.51 1.78 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.68 1.31 0.00	38.92 1.39 0.00	45.82 2.43 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.00 3.29 0.00	50.55 3.17 0.00	49.37 3.06 0.00	47.95 2.93 0.00	45.76 2.75 0.00	45.85 2.80 0.00	46.25 3.11 0.00	48.75 3.31 0.00	45.31 2.56 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.33 1.98 0.00	34.40 1.58 0.00	34.19 1.41 0.00

RAVENSWOOD___4 23820	40.47 1.74 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.78 2.39 0.00	50.46 2.99 0.00	49.56 3.07 0.00	50.07 3.23 0.00	51.15 3.44 0.00	50.69 3.31 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.98 2.93 0.00	46.38 3.24 0.00	48.93 3.50 0.00	45.49 2.74 0.00	40.73 2.16 0.00	38.40 2.30 2.18	37.37 2.01 0.00	34.43 1.61 0.00	34.19 1.41 0.00
RCPI_TRUST___DRP 24196	40.55 1.82 0.00	37.47 1.34 0.00	36.22 1.33 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.94 3.09 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.80 2.80 0.00	45.46 2.41 0.00	45.99 2.85 0.00	48.80 3.36 0.00	45.31 2.56 0.00	40.62 2.04 0.00	40.50 2.22 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
RED___ROCHESTER 323720	37.37 -1.36 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.89 -0.64 0.00	42.40 -1.00 0.00	46.14 -1.33 0.00	45.28 -1.21 0.00	45.48 -1.36 0.00	45.99 -1.72 0.00	45.81 -1.56 0.00	44.83 -1.48 0.00	43.63 -1.40 0.00	41.50 -1.51 0.00	41.76 -1.29 0.00	42.19 -0.95 0.00	44.34 -1.09 0.00	41.51 -1.24 0.00	37.26 -1.31 0.00	37.02 -1.26 0.00	34.19 -1.17 0.00	31.94 -0.88 0.00	32.16 -0.62 0.00
REGAN___SOLAR 323812	42.10 3.37 0.00	39.17 3.04 0.00	37.68 2.79 0.00	36.00 2.67 0.00	37.27 2.89 0.00	41.02 3.49 0.00	47.91 4.51 0.00	52.64 5.17 0.00	51.79 5.30 0.00	51.95 5.11 0.00	53.05 5.34 0.00	52.82 5.45 0.00	51.73 5.42 0.00	50.03 5.00 0.00	47.65 4.65 0.00	47.87 4.82 0.00	47.88 4.75 0.00	50.66 5.22 0.00	47.54 4.79 0.00	42.36 3.78 0.00	42.15 3.86 0.00	38.54 3.18 0.00	35.58 2.76 0.00	35.47 2.69 0.00
RENSSELAER___COGEN 23796	39.27 0.54 0.00	36.57 0.44 0.00	35.31 0.42 0.00	33.73 0.40 0.00	34.79 0.41 0.00	37.90 0.38 0.00	44.31 0.91 0.00	48.65 1.19 0.00	47.65 1.16 0.00	47.97 1.12 0.00	48.85 1.14 0.00	48.41 1.04 0.00	47.24 0.93 0.00	45.93 0.90 0.00	43.91 0.90 0.00	43.95 0.91 0.00	44.05 0.91 0.00	46.43 1.00 0.00	43.30 0.55 0.00	39.00 0.43 0.00	38.74 0.46 0.00	35.81 0.46 0.00	33.28 0.46 0.00	33.08 0.29 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.21 2.48 0.00	38.34 2.20 0.00	36.84 1.95 0.00	35.20 1.87 0.00	36.41 2.03 0.00	39.93 2.40 0.00	46.74 3.34 0.00	51.74 4.27 0.00	51.19 4.70 0.00	51.58 4.73 0.00	52.72 5.01 0.00	52.39 5.02 0.00	50.94 4.63 0.00	49.35 4.32 0.00	47.05 4.04 0.00	46.62 3.57 0.00	46.72 3.58 0.00	49.57 4.13 0.00	46.43 3.68 0.00	41.47 2.89 0.00	41.30 3.02 0.00	37.72 2.37 0.00	35.58 2.76 0.00	35.37 2.59 0.00
REVERE_CPPR_DRP 24186	40.12 1.39 0.00	37.47 1.34 0.00	36.08 1.19 0.00	34.50 1.17 0.00	35.55 1.17 0.00	39.03 1.50 0.00	45.35 1.95 0.00	49.98 2.52 0.00	48.91 2.42 0.00	49.37 2.53 0.00	50.29 2.58 0.00	49.98 2.61 0.00	48.77 2.45 0.00	47.55 2.52 0.00	45.29 2.28 0.00	45.16 2.11 0.00	45.34 2.20 0.00	47.80 2.36 0.00	44.80 2.05 0.00	40.31 1.74 0.00	39.89 1.61 0.00	36.66 1.31 0.00	33.94 1.12 0.00	33.93 1.15 0.00
REYNOLDS_115KV_TB3 80639	39.58 0.85 0.00	36.89 0.76 0.00	35.59 0.70 0.00	34.03 0.70 0.00	35.10 0.72 0.00	38.28 0.75 0.00	44.65 1.26 0.00	49.08 1.61 0.00	48.07 1.58 0.00	48.34 1.50 0.00	49.24 1.53 0.00	48.79 1.42 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	43.95 0.90 0.00	44.17 1.04 0.00	46.84 1.41 0.00	43.65 0.90 0.00	39.35 0.77 0.00	39.05 0.77 0.00	36.10 0.74 0.00	33.54 0.72 0.00	33.34 0.56 0.00
RIVERBAY____ 323610	40.70 1.98 0.00	37.58 1.45 0.00	36.32 1.43 0.00	34.67 1.33 0.00	35.79 1.41 0.00	39.03 1.50 0.00	45.91 2.52 0.00	50.65 3.18 0.00	49.79 3.30 0.00	50.26 3.42 0.00	51.38 3.67 0.00	50.88 3.51 0.00	49.74 3.43 0.00	48.36 3.33 0.00	46.15 3.14 0.00	45.76 2.71 0.00	46.42 3.28 0.00	49.25 3.82 0.00	45.70 2.95 0.00	40.97 2.39 0.00	40.85 2.56 0.00	37.58 2.23 0.00	34.63 1.81 0.00	34.42 1.64 0.00
RIVERSDE_115KV_TB3 55908	39.46 0.74 0.00	36.75 0.61 0.00	35.45 0.56 0.00	33.90 0.57 0.00	34.96 0.58 0.00	38.13 0.60 0.00	44.48 1.08 0.00	48.94 1.47 0.00	47.89 1.39 0.00	48.20 1.36 0.00	49.09 1.38 0.00	48.65 1.28 0.00	47.56 1.25 0.00	46.20 1.17 0.00	44.12 1.12 0.00	43.87 0.82 0.00	44.04 0.91 0.00	46.66 1.23 0.00	43.56 0.81 0.00	39.23 0.66 0.00	38.93 0.65 0.00	35.95 0.60 0.00	33.44 0.62 0.00	33.21 0.43 0.00
ROARING___BROOK_WT_PWR 323790	38.57 -0.15 0.00	35.95 -0.18 0.00	34.68 -0.21 0.00	33.13 -0.20 0.00	34.17 -0.21 0.00	37.22 -0.30 0.00	42.88 -0.52 0.00	46.85 -0.62 0.00	45.89 -0.61 0.00	46.33 -0.51 0.00	47.23 -0.48 0.00	46.95 -0.43 0.00	45.94 -0.37 0.00	44.67 -0.36 0.00	42.71 -0.30 0.00	42.70 -0.35 0.00	42.71 -0.43 0.00	44.93 -0.50 0.00	42.36 -0.39 0.00	38.23 -0.35 0.00	37.90 -0.38 0.00	35.00 -0.35 0.00	32.52 -0.30 0.00	32.52 -0.26 0.00
ROCHESRG_115KV_T4 355643	37.02 -1.70 0.00	34.90 -1.23 0.00	33.67 -1.22 0.00	32.20 -1.13 0.00	33.21 -1.17 0.00	36.51 -1.01 0.00	41.23 -2.17 0.00	45.52 -1.95 0.00	44.54 -1.95 0.00	44.92 -1.92 0.00	45.37 -2.34 0.00	45.24 -2.13 0.00	44.32 -1.99 0.00	43.09 -1.94 0.00	41.03 -1.98 0.00	41.03 -2.02 0.00	41.59 -1.55 0.00	43.75 -1.68 0.00	40.95 -1.80 0.00	36.80 -1.77 0.00	36.56 -1.72 0.00	33.76 -1.59 0.00	31.57 -1.25 0.00	31.83 -0.95 0.00
ROCHESTER_9_IC 23652	37.22 -1.51 0.00	35.12 -1.01 0.00	33.88 -1.01 0.00	32.37 -0.97 0.00	33.38 -1.00 0.00	36.74 -0.79 0.00	41.49 -1.91 0.00	45.85 -1.61 0.00	44.86 -1.63 0.00	45.20 -1.64 0.00	45.66 -2.05 0.00	45.52 -1.85 0.00	44.60 -1.71 0.00	43.36 -1.67 0.00	41.29 -1.72 0.00	41.28 -1.77 0.00	41.89 -1.25 0.00	44.07 -1.36 0.00	41.25 -1.50 0.00	37.07 -1.50 0.00	36.83 -1.45 0.00	34.01 -1.34 0.00	31.77 -1.05 0.00	32.03 -0.75 0.00
ROCKVIEW_13_KV_LD 356306	40.59 1.86 0.00	37.61 1.48 0.00	36.32 1.43 0.00	34.70 1.37 0.00	35.79 1.41 0.00	39.03 1.50 0.00	45.83 2.43 0.00	50.46 2.99 0.00	49.56 3.07 0.00	49.94 3.09 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.80 2.80 0.00	45.46 2.41 0.00	45.86 2.72 0.00	48.66 3.23 0.00	45.23 2.48 0.00	40.62 2.04 0.00	40.42 2.14 0.00	37.26 1.91 0.00	34.40 1.58 0.00	34.23 1.44 0.00
ROME_____115KV_TB2 80656	40.12 1.39 0.00	37.47 1.34 0.00	36.08 1.19 0.00	34.50 1.17 0.00	35.55 1.17 0.00	39.03 1.50 0.00	45.35 1.95 0.00	49.98 2.52 0.00	48.91 2.42 0.00	49.37 2.53 0.00	50.29 2.58 0.00	49.98 2.61 0.00	48.77 2.45 0.00	47.55 2.52 0.00	45.29 2.28 0.00	45.16 2.11 0.00	45.34 2.20 0.00	47.80 2.36 0.00	44.80 2.05 0.00	40.31 1.74 0.00	39.89 1.61 0.00	36.66 1.31 0.00	33.94 1.12 0.00	33.93 1.15 0.00

ROSETON___1 23587	40.16 1.43 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.73 1.20 0.00	45.39 2.00 0.00	49.93 2.47 0.00	48.95 2.46 0.00	49.32 2.48 0.00	50.24 2.53 0.00	49.83 2.46 0.00	48.63 2.31 0.00	47.28 2.25 0.00	45.11 2.11 0.00	45.20 2.15 0.00	45.38 2.24 0.00	47.79 2.36 0.00	44.50 1.75 0.00	40.00 1.43 0.00	39.77 1.49 0.00	36.73 1.38 0.00	33.97 1.15 0.00	33.83 1.05 0.00
ROSETON___2 23588	40.16 1.43 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.73 1.20 0.00	45.39 2.00 0.00	49.93 2.47 0.00	48.95 2.46 0.00	49.32 2.48 0.00	50.24 2.53 0.00	49.83 2.46 0.00	48.63 2.31 0.00	47.28 2.25 0.00	45.11 2.11 0.00	45.20 2.15 0.00	45.38 2.24 0.00	47.79 2.36 0.00	44.50 1.75 0.00	40.00 1.43 0.00	39.77 1.49 0.00	36.73 1.38 0.00	33.97 1.15 0.00	33.83 1.05 0.00
ROTTTRDAM_115KV_TB3 80664	39.70 0.97 0.00	37.00 0.87 0.00	35.69 0.80 0.00	34.10 0.77 0.00	35.17 0.79 0.00	38.43 0.90 0.00	44.74 1.35 0.00	49.13 1.66 0.00	48.30 1.81 0.00	48.62 1.78 0.00	49.52 1.81 0.00	49.17 1.80 0.00	48.02 1.71 0.00	46.69 1.67 0.00	44.55 1.55 0.00	44.25 1.21 0.00	44.43 1.29 0.00	47.02 1.59 0.00	43.99 1.24 0.00	39.58 1.00 0.00	39.31 1.03 0.00	36.24 0.88 0.00	33.71 0.89 0.00	33.57 0.79 0.00
RUSSELL___1 23602	37.37 -1.36 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.89 -0.64 0.00	41.66 -1.74 0.00	46.09 -1.38 0.00	45.10 -1.39 0.00	45.49 -1.36 0.00	45.90 -1.81 0.00	45.76 -1.61 0.00	44.83 -1.48 0.00	43.59 -1.44 0.00	41.50 -1.51 0.00	41.54 -1.51 0.00	42.15 -0.99 0.00	44.34 -1.09 0.00	41.51 -1.24 0.00	37.26 -1.31 0.00	37.02 -1.26 0.00	34.19 -1.17 0.00	31.93 -0.89 0.00	32.16 -0.62 0.00
RUSSELL___2 23532	37.37 -1.36 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.89 -0.64 0.00	41.66 -1.74 0.00	46.09 -1.38 0.00	45.10 -1.39 0.00	45.49 -1.36 0.00	45.90 -1.81 0.00	45.76 -1.61 0.00	44.83 -1.48 0.00	43.59 -1.44 0.00	41.50 -1.51 0.00	41.54 -1.51 0.00	42.15 -0.99 0.00	44.34 -1.09 0.00	41.51 -1.24 0.00	37.26 -1.31 0.00	37.02 -1.26 0.00	34.19 -1.17 0.00	31.93 -0.89 0.00	32.16 -0.62 0.00
RUSSELL___3 23549	37.37 -1.36 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.89 -0.64 0.00	41.66 -1.74 0.00	46.09 -1.38 0.00	45.10 -1.39 0.00	45.49 -1.36 0.00	45.90 -1.81 0.00	45.76 -1.61 0.00	44.83 -1.48 0.00	43.59 -1.44 0.00	41.50 -1.51 0.00	41.54 -1.51 0.00	42.15 -0.99 0.00	44.34 -1.09 0.00	41.51 -1.24 0.00	37.26 -1.31 0.00	37.02 -1.26 0.00	34.19 -1.17 0.00	31.93 -0.89 0.00	32.16 -0.62 0.00
RUSSELL___4 23556	37.37 -1.36 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.89 -0.64 0.00	41.66 -1.74 0.00	46.09 -1.38 0.00	45.10 -1.39 0.00	45.49 -1.36 0.00	45.90 -1.81 0.00	45.76 -1.61 0.00	44.83 -1.48 0.00	43.59 -1.44 0.00	41.50 -1.51 0.00	41.54 -1.51 0.00	42.15 -0.99 0.00	44.34 -1.09 0.00	41.51 -1.24 0.00	37.26 -1.31 0.00	37.02 -1.26 0.00	34.19 -1.17 0.00	31.93 -0.89 0.00	32.16 -0.62 0.00
RUSSELL___STATION 23914	37.37 -1.36 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.89 -0.64 0.00	41.66 -1.74 0.00	46.09 -1.38 0.00	45.10 -1.39 0.00	45.49 -1.36 0.00	45.90 -1.81 0.00	45.76 -1.61 0.00	44.83 -1.48 0.00	43.59 -1.44 0.00	41.50 -1.51 0.00	41.54 -1.51 0.00	42.15 -0.99 0.00	44.34 -1.09 0.00	41.51 -1.24 0.00	37.26 -1.31 0.00	37.02 -1.26 0.00	34.19 -1.17 0.00	31.93 -0.89 0.00	32.16 -0.62 0.00
S SALMON___HYD 24043	38.07 -0.66 0.00	35.55 -0.58 0.00	34.26 -0.63 0.00	32.76 -0.57 0.00	33.76 -0.62 0.00	37.00 -0.53 0.00	42.79 -0.61 0.00	47.28 -0.19 0.00	46.26 -0.23 0.00	46.75 -0.09 0.00	47.57 -0.14 0.00	47.23 -0.14 0.00	46.13 -0.18 0.00	44.94 -0.09 0.00	42.88 -0.13 0.00	42.96 -0.09 0.00	43.05 -0.09 0.00	45.34 -0.09 0.00	42.58 -0.17 0.00	38.34 -0.23 0.00	37.97 -0.31 0.00	35.03 -0.32 0.00	32.46 -0.36 0.00	32.42 -0.36 0.00
S.PERRY___115KV_TB1 80734	37.33 -1.39 0.00	35.23 -0.90 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.93 -0.60 0.00	41.88 -1.52 0.00	46.38 -1.09 0.00	45.33 -1.16 0.00	45.53 -1.31 0.00	45.90 -1.81 0.00	45.95 -1.42 0.00	45.06 -1.25 0.00	43.81 -1.22 0.00	41.72 -1.29 0.00	41.84 -1.21 0.00	42.58 -0.56 0.00	44.84 -0.59 0.00	41.98 -0.77 0.00	37.57 -1.00 0.00	37.29 -1.00 0.00	34.33 -1.03 0.00	33.05 0.23 0.00	33.34 0.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.29 -2.44 0.00	34.43 -1.70 0.00	33.18 -1.71 0.00	31.73 -1.60 0.00	32.76 -1.62 0.00	36.10 -1.43 0.00	40.01 -3.38 0.00	44.19 -3.28 0.00	43.24 -3.25 0.00	43.66 -3.19 0.00	43.94 -3.77 0.00	43.91 -3.46 0.00	43.16 -3.15 0.00	41.97 -3.06 0.00	39.78 -3.23 0.00	39.78 -3.27 0.00	40.42 -2.72 0.00	42.48 -2.95 0.00	39.63 -3.12 0.00	35.57 -3.01 0.00	35.29 -2.99 0.00	32.74 -2.62 0.00	30.82 -2.00 0.00	31.34 -1.44 0.00
SAWYER___23_KV_LOAD 55526	36.29 -2.44 0.00	34.43 -1.70 0.00	33.18 -1.71 0.00	31.73 -1.60 0.00	32.76 -1.62 0.00	36.10 -1.43 0.00	40.01 -3.38 0.00	44.19 -3.28 0.00	43.24 -3.25 0.00	43.66 -3.19 0.00	43.94 -3.77 0.00	43.91 -3.46 0.00	43.16 -3.15 0.00	41.97 -3.06 0.00	39.78 -3.23 0.00	39.78 -3.27 0.00	40.42 -2.72 0.00	42.48 -2.95 0.00	39.63 -3.12 0.00	35.57 -3.01 0.00	35.29 -2.99 0.00	32.74 -2.62 0.00	30.82 -2.00 0.00	31.34 -1.44 0.00
SELKIRK___I 23801	39.70 0.97 0.00	37.00 0.87 0.00	35.73 0.84 0.00	34.10 0.77 0.00	35.17 0.79 0.00	38.35 0.82 0.00	44.70 1.30 0.00	49.03 1.56 0.00	48.07 1.58 0.00	48.39 1.54 0.00	49.28 1.57 0.00	48.89 1.52 0.00	47.70 1.39 0.00	46.38 1.35 0.00	44.30 1.29 0.00	44.34 1.29 0.00	44.39 1.25 0.00	46.80 1.36 0.00	43.73 0.98 0.00	39.39 0.81 0.00	39.12 0.84 0.00	36.13 0.78 0.00	33.61 0.79 0.00	33.44 0.66 0.00
SELKIRK___II 23799	39.43 0.70 0.00	36.75 0.61 0.00	35.48 0.59 0.00	33.86 0.53 0.00	34.93 0.55 0.00	38.09 0.56 0.00	44.48 1.09 0.00	48.84 1.38 0.00	47.84 1.35 0.00	48.15 1.31 0.00	49.00 1.29 0.00	48.60 1.23 0.00	47.47 1.16 0.00	46.11 1.08 0.00	44.08 1.08 0.00	44.13 1.08 0.00	44.22 1.08 0.00	46.61 1.18 0.00	43.52 0.77 0.00	39.19 0.62 0.00	38.89 0.61 0.00	35.95 0.60 0.00	33.41 0.59 0.00	33.24 0.46 0.00
SENECA OSWGO___HYD 24041	37.64 -1.08 0.00	35.19 -0.94 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.59 -0.94 0.00	42.40 -1.00 0.00	46.42 -1.04 0.00	45.47 -1.02 0.00	45.77 -1.08 0.00	46.62 -1.10 0.00	46.38 -1.00 0.00	45.34 -0.97 0.00	44.04 -0.99 0.00	42.02 -0.99 0.00	42.10 -0.95 0.00	42.23 -0.91 0.00	44.43 -1.00 0.00	41.72 -1.03 0.00	37.61 -0.96 0.00	37.33 -0.96 0.00	34.43 -0.92 0.00	31.94 -0.88 0.00	31.93 -0.85 0.00

SENECA___115KV_TB3 355854	36.83 -1.90 0.00	34.90 -1.23 0.00	33.63 -1.26 0.00	32.17 -1.17 0.00	33.21 -1.17 0.00	36.59 -0.94 0.00	40.71 -2.69 0.00	44.95 -2.52 0.00	43.98 -2.51 0.00	44.41 -2.44 0.00	44.75 -2.96 0.00	44.72 -2.65 0.00	43.95 -2.36 0.00	42.73 -2.30 0.00	40.51 -2.49 0.00	40.47 -2.58 0.00	41.07 -2.07 0.00	43.21 -2.23 0.00	40.31 -2.44 0.00	36.14 -2.43 0.00	35.83 -2.45 0.00	33.20 -2.16 0.00	31.21 -1.61 0.00	31.73 -1.05 0.00
SENECA___ENERGY 23797	37.95 -0.77 0.00	35.66 -0.47 0.00	34.37 -0.52 0.00	32.83 -0.50 0.00	33.93 -0.45 0.00	37.22 -0.30 0.00	43.22 -0.17 0.00	47.28 -0.19 0.00	46.26 -0.23 0.00	46.52 -0.33 0.00	47.28 -0.43 0.00	47.04 -0.33 0.00	45.99 -0.32 0.00	44.67 -0.36 0.00	42.58 -0.43 0.00	42.70 -0.35 0.00	42.88 -0.26 0.00	45.16 -0.27 0.00	42.36 -0.39 0.00	38.11 -0.46 0.00	37.78 -0.50 0.00	34.82 -0.53 0.00	32.33 -0.49 0.00	32.46 -0.33 0.00
SHOEMAKER___GT 23640	40.00 1.28 0.00	37.18 1.05 0.00	35.90 1.01 0.00	34.26 0.93 0.00	35.37 1.00 0.00	38.54 1.01 0.00	45.13 1.74 0.00	49.61 2.14 0.00	48.63 2.14 0.00	48.95 2.11 0.00	49.86 2.15 0.00	49.45 2.08 0.00	48.21 1.90 0.00	46.88 1.85 0.00	44.77 1.76 0.00	44.86 1.81 0.00	45.08 1.94 0.00	47.57 2.14 0.00	44.33 1.58 0.00	39.81 1.23 0.00	39.58 1.30 0.00	36.52 1.16 0.00	33.80 0.98 0.00	33.63 0.85 0.00
SHOEMAKR_138KV_BK 111 55601	40.01 1.28 0.00	37.14 1.01 0.00	35.87 0.98 0.00	34.27 0.93 0.00	35.34 0.96 0.00	38.50 0.98 0.00	45.05 1.65 0.00	49.51 2.04 0.00	48.58 2.09 0.00	48.90 2.06 0.00	49.81 2.10 0.00	49.36 1.99 0.00	48.21 1.90 0.00	46.92 1.89 0.00	44.77 1.76 0.00	44.51 1.46 0.00	44.86 1.73 0.00	47.52 2.09 0.00	44.29 1.54 0.00	39.77 1.20 0.00	39.58 1.30 0.00	36.48 1.13 0.00	33.77 0.95 0.00	33.64 0.85 0.00
SHOREHAM_IC_1 23715	47.89 3.68 -5.48	43.72 3.14 -4.45	41.84 3.00 -3.95	41.68 3.00 -5.35	44.83 3.10 -7.35	47.46 3.26 -6.67	52.69 5.25 -4.05	55.84 6.03 -2.34	55.86 5.95 -3.42	52.67 5.81 -0.02	55.24 5.63 -1.91	52.83 5.45 -0.02	51.47 5.14 -0.02	50.31 4.77 -0.51	48.28 4.82 -0.46	48.32 4.95 -0.32	52.44 4.62 -4.69	60.52 4.59 -10.50	56.72 3.89 -10.08	50.53 3.51 -8.45	44.59 3.83 -2.48	42.97 3.53 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58
SHOREHAM_IC_2 23716	47.89 3.68 -5.48	43.72 3.14 -4.45	41.84 3.00 -3.95	41.68 3.00 -5.35	44.83 3.10 -7.35	47.46 3.26 -6.67	52.69 5.25 -4.05	55.84 6.03 -2.34	55.86 5.95 -3.42	52.67 5.81 -0.02	55.24 5.63 -1.91	52.83 5.45 -0.02	51.47 5.14 -0.02	50.31 4.77 -0.51	48.28 4.82 -0.46	48.32 4.95 -0.32	52.44 4.62 -4.69	60.52 4.59 -10.50	56.72 3.89 -10.08	50.53 3.51 -8.45	44.59 3.83 -2.48	42.97 3.53 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58
SISSONVILLE____ 23735	39.23 0.50 0.00	36.60 0.47 0.00	35.55 0.66 0.00	34.00 0.67 0.00	34.86 0.48 0.00	37.41 -0.11 0.00	42.92 -0.48 0.00	46.71 -0.76 0.00	45.75 -0.74 0.00	46.56 -0.28 0.00	47.52 -0.19 0.00	47.14 -0.24 0.00	46.03 -0.28 0.00	44.85 -0.18 0.00	42.88 -0.13 0.00	43.26 0.22 0.00	43.05 -0.09 0.00	44.66 -0.77 0.00	42.54 -0.21 0.00	38.46 -0.12 0.00	38.05 -0.23 0.00	35.57 0.21 0.00	33.28 0.46 0.00	33.44 0.66 0.00
SITHE_IND_GS1 24169	37.18 -1.55 0.00	34.72 -1.41 0.00	33.53 -1.36 0.00	32.03 -1.30 0.00	33.04 -1.34 0.00	36.14 -1.39 0.00	41.88 -1.52 0.00	45.80 -1.66 0.00	44.86 -1.63 0.00	45.16 -1.68 0.00	45.99 -1.72 0.00	45.71 -1.66 0.00	44.69 -1.62 0.00	43.45 -1.58 0.00	41.46 -1.55 0.00	41.50 -1.55 0.00	41.63 -1.51 0.00	43.84 -1.59 0.00	41.13 -1.62 0.00	37.07 -1.50 0.00	36.79 -1.49 0.00	33.97 -1.38 0.00	31.54 -1.28 0.00	31.54 -1.25 0.00
SITHE_IND_GS2 24170	37.18 -1.55 0.00	34.72 -1.41 0.00	33.53 -1.36 0.00	32.03 -1.30 0.00	33.04 -1.34 0.00	36.14 -1.39 0.00	41.88 -1.52 0.00	45.80 -1.66 0.00	44.86 -1.63 0.00	45.16 -1.68 0.00	45.99 -1.72 0.00	45.71 -1.66 0.00	44.69 -1.62 0.00	43.45 -1.58 0.00	41.46 -1.55 0.00	41.50 -1.55 0.00	41.63 -1.51 0.00	43.84 -1.59 0.00	41.13 -1.62 0.00	37.07 -1.50 0.00	36.79 -1.49 0.00	33.97 -1.38 0.00	31.54 -1.28 0.00	31.54 -1.25 0.00
SITHE_IND_GS3 24171	37.18 -1.55 0.00	34.72 -1.41 0.00	33.53 -1.36 0.00	32.03 -1.30 0.00	33.04 -1.34 0.00	36.14 -1.39 0.00	41.88 -1.52 0.00	45.80 -1.66 0.00	44.86 -1.63 0.00	45.16 -1.68 0.00	45.99 -1.72 0.00	45.71 -1.66 0.00	44.69 -1.62 0.00	43.45 -1.58 0.00	41.46 -1.55 0.00	41.50 -1.55 0.00	41.63 -1.51 0.00	43.84 -1.59 0.00	41.13 -1.62 0.00	37.07 -1.50 0.00	36.79 -1.49 0.00	33.97 -1.38 0.00	31.54 -1.28 0.00	31.54 -1.25 0.00
SITHE_IND_GS4 24172	37.18 -1.55 0.00	34.72 -1.41 0.00	33.53 -1.36 0.00	32.03 -1.30 0.00	33.04 -1.34 0.00	36.14 -1.39 0.00	41.88 -1.52 0.00	45.80 -1.66 0.00	44.86 -1.63 0.00	45.16 -1.68 0.00	45.99 -1.72 0.00	45.71 -1.66 0.00	44.69 -1.62 0.00	43.45 -1.58 0.00	41.46 -1.55 0.00	41.50 -1.55 0.00	41.63 -1.51 0.00	43.84 -1.59 0.00	41.13 -1.62 0.00	37.07 -1.50 0.00	36.79 -1.49 0.00	33.97 -1.38 0.00	31.54 -1.28 0.00	31.54 -1.25 0.00
SITHE___BATAVIA 24024	37.10 -1.63 0.00	35.19 -0.94 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.81 -0.71 0.00	42.23 -1.17 0.00	45.76 -1.71 0.00	44.91 -1.58 0.00	44.97 -1.88 0.00	45.37 -2.34 0.00	45.19 -2.18 0.00	44.27 -2.04 0.00	43.14 -1.89 0.00	40.94 -2.06 0.00	41.33 -1.72 0.00	41.76 -1.38 0.00	43.84 -1.59 0.00	40.96 -1.79 0.00	36.72 -1.85 0.00	36.48 -1.80 0.00	33.83 -1.52 0.00	31.70 -1.12 0.00	32.13 -0.66 0.00
SITHE___INDEPEND 23800	37.18 -1.55 0.00	34.72 -1.41 0.00	33.53 -1.36 0.00	32.03 -1.30 0.00	33.04 -1.34 0.00	36.14 -1.39 0.00	41.70 -1.69 0.00	45.81 -1.66 0.00	44.82 -1.67 0.00	45.16 -1.69 0.00	45.95 -1.77 0.00	45.67 -1.71 0.00	44.69 -1.62 0.00	43.41 -1.62 0.00	41.46 -1.55 0.00	41.37 -1.68 0.00	41.59 -1.55 0.00	43.84 -1.59 0.00	41.13 -1.62 0.00	37.07 -1.50 0.00	36.79 -1.49 0.00	33.97 -1.38 0.00	31.54 -1.28 0.00	31.54 -1.25 0.00
SITHE___MASSENA 23902	39.35 0.62 0.00	36.71 0.58 0.00	35.59 0.70 0.00	34.06 0.73 0.00	35.06 0.69 0.00	37.94 0.41 0.00	43.27 -0.13 0.00	47.18 -0.28 0.00	46.17 -0.32 0.00	46.70 -0.14 0.00	47.66 -0.05 0.00	47.28 -0.09 0.00	46.36 0.05 0.00	45.07 0.05 0.00	43.14 0.13 0.00	43.09 0.04 0.00	43.05 -0.09 0.00	45.25 -0.18 0.00	43.05 0.30 0.00	38.96 0.39 0.00	38.62 0.34 0.00	35.71 0.35 0.00	33.41 0.59 0.00	33.47 0.69 0.00
SITHE___OGDNSBRG 24021	39.81 1.08 0.00	37.11 0.98 0.00	36.04 1.15 0.00	34.47 1.13 0.00	35.44 1.07 0.00	38.24 0.71 0.00	44.00 0.61 0.00	47.89 0.43 0.00	46.86 0.37 0.00	47.50 0.66 0.00	48.52 0.81 0.00	48.08 0.71 0.00	46.96 0.65 0.00	45.79 0.77 0.00	43.78 0.77 0.00	44.17 1.12 0.00	43.92 0.78 0.00	45.75 0.32 0.00	43.60 0.86 0.00	39.50 0.93 0.00	39.08 0.80 0.00	36.31 0.95 0.00	33.87 1.05 0.00	33.93 1.15 0.00

SITHE___STERLING 23777	39.73 1.01 0.00	37.14 1.01 0.00	35.80 0.91 0.00	34.20 0.87 0.00	35.27 0.89 0.00	38.69 1.16 0.00	45.09 1.69 0.00	49.51 2.04 0.00	48.44 1.95 0.00	48.86 2.01 0.00	49.76 2.05 0.00	49.45 2.08 0.00	48.26 1.94 0.00	47.01 1.98 0.00	44.81 1.81 0.00	44.81 1.77 0.00	44.91 1.77 0.00	47.25 1.82 0.00	44.29 1.54 0.00	39.84 1.27 0.00	39.47 1.19 0.00	36.34 0.99 0.00	33.64 0.82 0.00	33.63 0.85 0.00
SLEIGHT__34_KV_TB1 80719	37.49 -1.24 0.00	35.23 -0.90 0.00	33.98 -0.91 0.00	32.47 -0.87 0.00	33.52 -0.86 0.00	36.85 -0.68 0.00	42.09 -1.30 0.00	46.52 -0.95 0.00	45.51 -0.98 0.00	45.86 -0.98 0.00	46.52 -1.19 0.00	46.33 -1.04 0.00	45.34 -0.97 0.00	44.04 -0.99 0.00	41.93 -1.08 0.00	41.93 -1.12 0.00	42.32 -0.82 0.00	44.57 -0.86 0.00	41.77 -0.98 0.00	37.49 -1.08 0.00	37.25 -1.03 0.00	34.33 -1.03 0.00	31.93 -0.89 0.00	32.09 -0.69 0.00
SOUTH CAIRO___GT 23612	40.66 1.94 0.00	37.87 1.73 0.00	36.53 1.64 0.00	34.83 1.50 0.00	35.96 1.58 0.00	39.18 1.65 0.00	45.87 2.47 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.56 2.72 0.00	50.29 2.57 0.00	49.65 2.27 0.00	48.44 2.13 0.00	47.06 2.03 0.00	45.03 2.02 0.00	45.29 2.24 0.00	45.34 2.20 0.00	48.07 2.63 0.00	45.06 2.31 0.00	40.39 1.81 0.00	40.08 1.80 0.00	36.91 1.55 0.00	34.43 1.61 0.00	34.19 1.41 0.00
SOUTH HAMPTN___IC 23720	48.51 4.30 -5.48	44.30 3.72 -4.45	42.40 3.56 -3.95	42.21 3.53 -5.35	45.41 3.68 -7.35	48.10 3.90 -6.67	53.52 6.08 -4.04	56.74 6.93 -2.34	56.69 6.79 -3.41	53.51 6.65 -0.02	56.20 6.59 -1.90	53.78 6.39 -0.02	52.34 6.02 -0.02	51.17 5.63 -0.51	49.05 5.59 -0.46	49.10 5.73 -0.32	53.26 5.44 -4.69	61.43 5.50 -10.50	57.54 4.70 -10.08	51.23 4.21 -8.45	45.24 4.48 -2.48	43.54 4.10 -4.08	42.09 3.48 -5.79	40.58 3.21 -4.58
SOUTHDOW_115KV_TB1 355954	37.76 -0.97 0.00	35.66 -0.47 0.00	34.33 -0.56 0.00	32.97 -0.37 0.00	34.10 -0.28 0.00	37.68 0.15 0.00	42.27 -1.13 0.00	46.71 -0.76 0.00	45.75 -0.74 0.00	46.19 -0.66 0.00	46.52 -1.19 0.00	46.57 -0.81 0.00	45.76 -0.56 0.00	44.40 -0.63 0.00	41.97 -1.03 0.00	41.89 -1.16 0.00	42.41 -0.73 0.00	44.66 -0.77 0.00	41.51 -1.24 0.00	37.15 -1.43 0.00	36.75 -1.53 0.00	33.94 -1.41 0.00	31.80 -1.02 0.00	32.49 -0.30 0.00
SOUTHOLD_69_KV_BK 2 55809	49.05 4.84 -5.48	44.84 4.26 -4.45	42.92 4.08 -3.95	42.68 4.00 -5.35	45.96 4.23 -7.35	48.73 4.54 -6.67	54.08 6.64 -4.04	57.40 7.59 -2.34	57.34 7.44 -3.41	53.93 7.07 -0.02	57.01 7.40 -1.90	54.49 7.11 -0.02	53.09 6.76 -0.02	51.94 6.39 -0.51	49.74 6.28 -0.46	49.36 5.98 -0.32	53.78 5.95 -4.69	62.34 6.41 -10.50	58.39 5.56 -10.08	51.96 4.94 -8.45	45.89 5.13 -2.48	44.03 4.60 -4.08	42.59 3.97 -5.79	40.97 3.61 -4.58
SOUTHOLD___IC 23719	49.09 4.88 -5.48	44.84 4.26 -4.45	42.92 4.08 -3.95	42.68 4.00 -5.35	45.96 4.23 -7.35	48.73 4.54 -6.67	54.25 6.81 -4.04	57.55 7.74 -2.34	57.49 7.58 -3.41	54.31 7.45 -0.02	57.05 7.44 -1.90	54.59 7.20 -0.02	53.14 6.81 -0.02	51.93 6.39 -0.51	49.74 6.28 -0.46	49.79 6.42 -0.32	54.04 6.21 -4.69	62.34 6.41 -10.50	58.39 5.56 -10.08	51.96 4.94 -8.45	45.89 5.13 -2.48	44.07 4.63 -4.08	42.58 3.97 -5.79	41.06 3.70 -4.58
SOUTH_FORK_WT_PWR 323839	49.17 4.96 -5.48	44.91 4.33 -4.45	43.02 4.18 -3.95	42.78 4.10 -5.35	46.03 4.30 -7.35	48.81 4.61 -6.67	54.38 6.94 -4.04	57.64 7.83 -2.34	57.57 7.67 -3.41	54.45 7.59 -0.02	57.20 7.59 -1.90	54.73 7.34 -0.02	53.23 6.90 -0.02	52.03 6.49 -0.51	49.83 6.36 -0.46	49.91 6.54 -0.32	54.12 6.30 -4.69	62.43 6.50 -10.50	58.48 5.64 -10.08	52.03 5.01 -8.45	45.96 5.21 -2.48	44.14 4.70 -4.08	42.65 4.04 -5.79	41.13 3.77 -4.58
SPIERFLS_115KV_TB 1 80737	39.54 0.81 0.00	36.78 0.65 0.00	35.45 0.56 0.00	33.87 0.53 0.00	34.96 0.58 0.00	38.24 0.71 0.00	44.70 1.30 0.00	49.27 1.80 0.00	48.54 2.05 0.00	48.90 2.06 0.00	49.91 2.19 0.00	49.55 2.18 0.00	48.30 1.99 0.00	46.87 1.85 0.00	44.73 1.72 0.00	44.34 1.29 0.00	44.48 1.34 0.00	47.16 1.73 0.00	44.12 1.37 0.00	39.62 1.04 0.00	39.35 1.07 0.00	36.17 0.81 0.00	34.33 1.51 0.00	34.13 1.34 0.00
ST LAWRENCE____ 23600	38.88 0.16 0.00	36.28 0.15 0.00	35.10 0.21 0.00	33.53 0.20 0.00	34.55 0.17 0.00	37.56 0.04 0.00	42.92 -0.48 0.00	46.71 -0.76 0.00	45.75 -0.75 0.00	46.19 -0.66 0.00	47.09 -0.62 0.00	46.76 -0.62 0.00	45.80 -0.51 0.00	44.53 -0.49 0.00	42.62 -0.39 0.00	42.62 -0.43 0.00	42.58 -0.56 0.00	44.84 -0.59 0.00	42.62 -0.13 0.00	38.61 0.04 0.00	38.28 0.00 0.00	35.39 0.04 0.00	32.95 0.13 0.00	32.98 0.20 0.00
STATE_CA_115KV_115_LB 55624	39.42 0.70 0.00	36.71 0.58 0.00	35.41 0.52 0.00	33.87 0.53 0.00	34.93 0.55 0.00	38.09 0.56 0.00	44.48 1.08 0.00	48.94 1.47 0.00	47.93 1.44 0.00	48.25 1.41 0.00	49.14 1.43 0.00	48.75 1.37 0.00	47.61 1.30 0.00	46.29 1.26 0.00	44.21 1.20 0.00	43.91 0.86 0.00	44.09 0.95 0.00	46.71 1.27 0.00	43.60 0.86 0.00	39.23 0.66 0.00	38.97 0.69 0.00	35.95 0.60 0.00	33.41 0.59 0.00	33.21 0.43 0.00
STATE_ST_34_KV_LOAD 55959	38.38 -0.35 0.00	35.92 -0.22 0.00	34.61 -0.28 0.00	33.10 -0.23 0.00	34.17 -0.21 0.00	37.49 -0.04 0.00	43.31 -0.09 0.00	47.75 0.28 0.00	46.72 0.23 0.00	47.08 0.23 0.00	47.85 0.14 0.00	47.61 0.24 0.00	46.59 0.28 0.00	45.25 0.23 0.00	43.14 0.13 0.00	43.05 0.00 0.00	43.27 0.13 0.00	45.66 0.23 0.00	42.84 0.09 0.00	38.54 -0.04 0.00	38.24 -0.04 0.00	35.21 -0.14 0.00	32.66 -0.16 0.00	32.69 -0.10 0.00
STATION 5_MISC_HYD 23604	37.22 -1.51 0.00	35.12 -1.01 0.00	33.88 -1.01 0.00	32.36 -0.97 0.00	33.38 -1.00 0.00	36.70 -0.83 0.00	42.23 -1.17 0.00	45.90 -1.57 0.00	45.05 -1.44 0.00	45.20 -1.64 0.00	45.75 -1.96 0.00	45.57 -1.80 0.00	44.60 -1.71 0.00	43.41 -1.62 0.00	41.28 -1.72 0.00	41.54 -1.51 0.00	41.93 -1.21 0.00	44.07 -1.36 0.00	41.25 -1.50 0.00	37.07 -1.50 0.00	36.83 -1.45 0.00	34.01 -1.34 0.00	31.77 -1.05 0.00	32.03 -0.75 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.88 -0.85 0.00	35.66 -0.47 0.00	34.40 -0.49 0.00	32.87 -0.47 0.00	33.93 -0.45 0.00	37.30 -0.23 0.00	42.88 -0.52 0.00	47.37 -0.09 0.00	46.35 -0.14 0.00	46.70 -0.14 0.00	47.28 -0.43 0.00	47.14 -0.24 0.00	46.13 -0.19 0.00	44.80 -0.23 0.00	42.71 -0.30 0.00	42.66 -0.39 0.00	42.79 -0.35 0.00	45.12 -0.32 0.00	42.24 -0.51 0.00	37.96 -0.62 0.00	37.67 -0.61 0.00	34.75 -0.60 0.00	32.33 -0.49 0.00	32.52 -0.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.06 -1.67 0.00	34.94 -1.19 0.00	33.70 -1.19 0.00	32.20 -1.13 0.00	33.24 -1.13 0.00	36.55 -0.98 0.00	41.40 -2.00 0.00	45.76 -1.71 0.00	44.77 -1.72 0.00	45.11 -1.73 0.00	45.61 -2.10 0.00	45.48 -1.89 0.00	44.55 -1.76 0.00	43.27 -1.76 0.00	41.24 -1.76 0.00	41.24 -1.81 0.00	41.76 -1.38 0.00	43.98 -1.45 0.00	41.17 -1.58 0.00	36.95 -1.62 0.00	36.75 -1.53 0.00	33.90 -1.45 0.00	31.64 -1.18 0.00	31.87 -0.92 0.00

STA_56___34_KV_BUS2 355983	37.06 -1.67 0.00	34.94 -1.19 0.00	33.70 -1.19 0.00	32.20 -1.13 0.00	33.24 -1.13 0.00	36.55 -0.98 0.00	41.40 -2.00 0.00	45.76 -1.71 0.00	44.77 -1.72 0.00	45.11 -1.73 0.00	45.61 -2.10 0.00	45.48 -1.89 0.00	44.55 -1.76 0.00	43.27 -1.76 0.00	41.24 -1.76 0.00	41.24 -1.81 0.00	41.76 -1.38 0.00	43.98 -1.45 0.00	41.17 -1.58 0.00	36.95 -1.62 0.00	36.75 -1.53 0.00	33.90 -1.45 0.00	31.64 -1.18 0.00	31.87 -0.92 0.00
STA_67___115KV_BK2 355882	37.14 -1.59 0.00	35.05 -1.08 0.00	33.81 -1.08 0.00	32.30 -1.03 0.00	33.31 -1.07 0.00	36.63 -0.90 0.00	41.36 -2.04 0.00	45.71 -1.76 0.00	44.72 -1.77 0.00	45.11 -1.73 0.00	45.56 -2.15 0.00	45.43 -1.94 0.00	44.51 -1.81 0.00	43.23 -1.80 0.00	41.20 -1.81 0.00	41.20 -1.85 0.00	41.76 -1.38 0.00	43.93 -1.50 0.00	41.13 -1.62 0.00	36.95 -1.62 0.00	36.71 -1.57 0.00	33.90 -1.45 0.00	31.67 -1.15 0.00	31.96 -0.82 0.00
STA_7___115KV_9TRANS 80674	37.37 -1.36 0.00	35.26 -0.87 0.00	34.02 -0.87 0.00	32.50 -0.83 0.00	33.52 -0.86 0.00	36.89 -0.64 0.00	41.66 -1.74 0.00	46.09 -1.38 0.00	45.10 -1.39 0.00	45.49 -1.36 0.00	45.90 -1.81 0.00	45.76 -1.61 0.00	44.83 -1.48 0.00	43.59 -1.44 0.00	41.50 -1.51 0.00	41.54 -1.51 0.00	42.15 -0.99 0.00	44.34 -1.09 0.00	41.51 -1.24 0.00	37.26 -1.31 0.00	37.02 -1.26 0.00	34.19 -1.17 0.00	31.93 -0.89 0.00	32.16 -0.62 0.00
STA_82___115KV_TB1 80780	37.14 -1.59 0.00	35.05 -1.08 0.00	33.81 -1.08 0.00	32.30 -1.03 0.00	33.31 -1.07 0.00	36.66 -0.86 0.00	41.40 -2.00 0.00	45.71 -1.76 0.00	44.72 -1.77 0.00	45.11 -1.73 0.00	45.56 -2.15 0.00	45.43 -1.94 0.00	44.51 -1.81 0.00	43.27 -1.76 0.00	41.20 -1.81 0.00	41.20 -1.85 0.00	41.80 -1.34 0.00	43.98 -1.45 0.00	41.17 -1.58 0.00	36.99 -1.58 0.00	36.75 -1.53 0.00	33.94 -1.41 0.00	31.70 -1.12 0.00	31.96 -0.82 0.00
STEEL___WIND 323596	36.79 -1.94 0.00	34.87 -1.27 0.00	33.60 -1.29 0.00	32.13 -1.20 0.00	33.17 -1.20 0.00	36.55 -0.98 0.00	41.79 -1.60 0.00	45.05 -2.42 0.00	44.21 -2.28 0.00	44.36 -2.48 0.00	44.85 -2.86 0.00	44.77 -2.61 0.00	43.90 -2.41 0.00	42.73 -2.29 0.00	40.47 -2.54 0.00	40.81 -2.24 0.00	41.07 -2.07 0.00	43.16 -2.27 0.00	40.27 -2.48 0.00	36.10 -2.47 0.00	35.79 -2.49 0.00	33.16 -2.19 0.00	31.18 -1.64 0.00	31.70 -1.08 0.00
STEPHTWN_115KV_BK_2 55603	39.85 1.12 0.00	37.07 0.94 0.00	35.76 0.87 0.00	34.20 0.87 0.00	35.27 0.89 0.00	38.46 0.94 0.00	44.96 1.56 0.00	49.51 2.04 0.00	48.54 2.05 0.00	48.86 2.01 0.00	49.76 2.05 0.00	49.36 1.99 0.00	48.12 1.81 0.00	46.74 1.71 0.00	44.64 1.63 0.00	44.38 1.33 0.00	44.56 1.42 0.00	47.25 1.82 0.00	44.08 1.33 0.00	39.65 1.08 0.00	39.39 1.11 0.00	36.34 0.99 0.00	33.77 0.95 0.00	33.50 0.72 0.00
STEBUBEN_REC_LFGE 323667	38.57 -0.15 0.00	36.38 0.25 0.00	35.03 0.14 0.00	33.50 0.17 0.00	34.65 0.28 0.00	38.16 0.64 0.00	43.31 -0.09 0.00	47.89 0.43 0.00	46.82 0.33 0.00	47.17 0.33 0.00	47.71 0.00 0.00	47.61 0.24 0.00	46.68 0.37 0.00	45.30 0.27 0.00	43.05 0.04 0.00	42.96 -0.09 0.00	43.48 0.35 0.00	45.80 0.36 0.00	42.75 0.00 0.00	38.23 -0.35 0.00	37.74 -0.54 0.00	34.82 -0.53 0.00	32.49 -0.33 0.00	32.91 0.13 0.00
STILLWATER___SOLAR 323814	40.12 1.39 0.00	37.43 1.30 0.00	36.08 1.19 0.00	34.47 1.13 0.00	35.58 1.20 0.00	38.88 1.35 0.00	45.44 2.04 0.00	49.93 2.47 0.00	49.09 2.60 0.00	49.42 2.57 0.00	50.38 2.67 0.00	50.02 2.65 0.00	48.76 2.45 0.00	47.37 2.34 0.00	45.20 2.19 0.00	45.20 2.15 0.00	45.25 2.11 0.00	47.70 2.27 0.00	44.59 1.84 0.00	40.08 1.50 0.00	39.81 1.53 0.00	36.70 1.34 0.00	34.26 1.44 0.00	34.10 1.31 0.00
STONY___BROOK 24151	47.62 3.41 -5.48	43.43 2.85 -4.45	41.59 2.76 -3.95	41.31 2.63 -5.35	44.58 2.85 -7.35	47.31 3.11 -6.67	52.35 4.90 -4.05	55.55 5.74 -2.35	55.53 5.62 -3.42	52.39 5.52 -0.02	55.10 5.48 -1.91	52.56 5.16 -0.02	51.15 4.82 -0.02	50.05 4.50 -0.52	47.98 4.51 -0.46	48.07 4.69 -0.33	52.40 4.57 -4.69	60.40 4.46 -10.51	56.56 3.72 -10.09	50.46 3.43 -8.45	44.36 3.60 -2.48	42.55 3.11 -4.08	41.37 2.76 -5.79	39.95 2.59 -4.58
STURGEON_POOL_HYD 23609	40.35 1.63 0.00	37.43 1.30 0.00	36.18 1.29 0.00	34.53 1.20 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.48 2.08 0.00	50.08 2.61 0.00	49.09 2.60 0.00	49.42 2.58 0.00	50.38 2.67 0.00	49.88 2.51 0.00	48.67 2.36 0.00	47.33 2.30 0.00	45.16 2.15 0.00	44.90 1.85 0.00	45.25 2.11 0.00	48.02 2.59 0.00	44.67 1.92 0.00	40.04 1.47 0.00	39.89 1.61 0.00	36.80 1.45 0.00	34.07 1.25 0.00	33.93 1.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.12 1.39 0.00	37.22 1.08 0.00	35.94 1.05 0.00	34.33 1.00 0.00	35.41 1.03 0.00	38.58 1.05 0.00	45.22 1.82 0.00	49.75 2.28 0.00	48.77 2.28 0.00	49.09 2.25 0.00	50.05 2.34 0.00	49.60 2.23 0.00	48.44 2.13 0.00	47.10 2.07 0.00	44.98 1.98 0.00	44.69 1.64 0.00	45.04 1.90 0.00	47.75 2.32 0.00	44.46 1.71 0.00	39.92 1.35 0.00	39.74 1.45 0.00	36.63 1.27 0.00	33.87 1.05 0.00	33.70 0.92 0.00
SWANROAD_115KV_TB1 355699	35.44 -3.29 0.00	33.67 -2.46 0.00	32.48 -2.41 0.00	31.03 -2.30 0.00	32.04 -2.34 0.00	35.24 -2.29 0.00	38.97 -4.43 0.00	43.05 -4.41 0.00	42.12 -4.37 0.00	42.49 -4.36 0.00	42.75 -4.96 0.00	42.68 -4.69 0.00	41.96 -4.35 0.00	40.80 -4.23 0.00	38.71 -4.30 0.00	38.74 -4.30 0.00	39.34 -3.80 0.00	41.34 -4.09 0.00	38.60 -4.15 0.00	34.64 -3.93 0.00	34.41 -3.87 0.00	31.99 -3.36 0.00	30.16 -2.66 0.00	30.69 -2.10 0.00
SYNERGY___BIOGAS 323694	37.10 -1.63 0.00	35.19 -0.94 0.00	33.91 -0.98 0.00	32.40 -0.93 0.00	33.45 -0.93 0.00	36.81 -0.71 0.00	42.23 -1.17 0.00	45.76 -1.71 0.00	44.91 -1.58 0.00	44.97 -1.88 0.00	45.37 -2.34 0.00	45.19 -2.18 0.00	44.27 -2.04 0.00	43.14 -1.89 0.00	40.94 -2.06 0.00	41.33 -1.72 0.00	41.76 -1.38 0.00	43.84 -1.59 0.00	40.96 -1.79 0.00	36.72 -1.85 0.00	36.48 -1.80 0.00	33.83 -1.52 0.00	31.70 -1.12 0.00	32.13 -0.66 0.00
SYRACUSE___ENERGY_ST1 323597	38.19 -0.54 0.00	35.70 -0.43 0.00	34.44 -0.45 0.00	32.90 -0.43 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	42.92 -0.48 0.00	47.18 -0.28 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.33 -0.38 0.00	47.09 -0.28 0.00	46.03 -0.28 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.86 -0.42 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	38.19 -0.54 0.00	35.70 -0.43 0.00	34.44 -0.45 0.00	32.90 -0.43 0.00	33.93 -0.45 0.00	37.15 -0.38 0.00	42.92 -0.48 0.00	47.18 -0.28 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.33 -0.38 0.00	47.09 -0.28 0.00	46.03 -0.28 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.86 -0.42 0.00	34.93 -0.42 0.00	32.39 -0.43 0.00	32.39 -0.39 0.00

SYRACUSE___POWER 24017	38.15 -0.58 0.00	35.66 -0.47 0.00	34.37 -0.52 0.00	32.83 -0.50 0.00	33.90 -0.48 0.00	37.11 -0.41 0.00	42.88 -0.52 0.00	47.13 -0.33 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.38 -0.33 0.00	47.09 -0.28 0.00	46.08 -0.23 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	32.36 -0.46 0.00	32.36 -0.43 0.00
TALLMAN___138KV_BK151 55660	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.44 2.04 0.00	49.98 2.52 0.00	48.96 2.46 0.00	49.28 2.44 0.00	50.24 2.53 0.00	49.84 2.46 0.00	48.67 2.36 0.00	47.33 2.30 0.00	45.16 2.15 0.00	44.86 1.81 0.00	45.25 2.11 0.00	47.98 2.54 0.00	44.67 1.92 0.00	40.08 1.50 0.00	39.89 1.61 0.00	36.80 1.45 0.00	33.97 1.15 0.00	33.80 1.02 0.00
TEALLAVE_115KV_TB7 355573	37.88 -0.85 0.00	35.41 -0.72 0.00	34.16 -0.73 0.00	32.63 -0.70 0.00	33.69 -0.69 0.00	36.89 -0.64 0.00	42.57 -0.82 0.00	46.85 -0.62 0.00	45.84 -0.65 0.00	46.23 -0.61 0.00	47.04 -0.67 0.00	46.76 -0.62 0.00	45.76 -0.56 0.00	44.44 -0.59 0.00	42.40 -0.60 0.00	42.32 -0.73 0.00	42.54 -0.60 0.00	44.84 -0.59 0.00	42.07 -0.68 0.00	37.84 -0.73 0.00	37.55 -0.73 0.00	34.65 -0.71 0.00	32.16 -0.66 0.00	32.16 -0.62 0.00
TELGRAPH_34_KV_EAST 80808	36.44 -2.28 0.00	34.58 -1.55 0.00	33.32 -1.57 0.00	31.87 -1.47 0.00	32.86 -1.51 0.00	36.18 -1.35 0.00	40.23 -3.17 0.00	44.52 -2.94 0.00	43.56 -2.93 0.00	43.94 -2.90 0.00	44.23 -3.48 0.00	44.10 -3.27 0.00	43.35 -2.96 0.00	42.15 -2.88 0.00	40.04 -2.97 0.00	40.04 -3.01 0.00	40.72 -2.42 0.00	42.80 -2.64 0.00	39.93 -2.82 0.00	35.84 -2.74 0.00	35.60 -2.68 0.00	33.09 -2.26 0.00	31.08 -1.74 0.00	31.57 -1.21 0.00
TEMPLE___115KV_TB 2 55572	37.91 -0.81 0.00	35.45 -0.69 0.00	34.19 -0.70 0.00	32.67 -0.67 0.00	33.69 -0.69 0.00	36.93 -0.60 0.00	42.61 -0.78 0.00	46.90 -0.57 0.00	45.89 -0.60 0.00	46.28 -0.56 0.00	47.09 -0.62 0.00	46.80 -0.57 0.00	45.80 -0.51 0.00	44.49 -0.54 0.00	42.45 -0.56 0.00	42.36 -0.69 0.00	42.58 -0.56 0.00	44.89 -0.55 0.00	42.11 -0.64 0.00	37.88 -0.69 0.00	37.59 -0.69 0.00	34.68 -0.67 0.00	32.16 -0.66 0.00	32.19 -0.59 0.00
TIANA___69_KV_BK 1 55817	48.31 4.11 -5.48	44.16 3.58 -4.45	42.26 3.42 -3.95	42.05 3.37 -5.35	45.27 3.54 -7.35	47.95 3.75 -6.67	53.13 5.68 -4.04	56.36 6.55 -2.34	56.37 6.46 -3.41	52.90 6.04 -0.02	55.91 6.30 -1.90	53.40 6.02 -0.02	52.07 5.74 -0.02	50.99 5.45 -0.51	48.84 5.38 -0.46	48.45 5.08 -0.32	52.79 4.96 -4.69	61.21 5.27 -10.50	57.37 4.53 -10.08	51.07 4.05 -8.45	45.08 4.33 -2.48	43.36 3.92 -4.08	41.96 3.35 -5.79	40.31 2.95 -4.58
TILDEN___115KV_TB1 80814	38.15 -0.58 0.00	35.66 -0.47 0.00	34.37 -0.52 0.00	32.83 -0.50 0.00	33.90 -0.48 0.00	37.11 -0.41 0.00	42.88 -0.52 0.00	47.13 -0.33 0.00	46.17 -0.33 0.00	46.52 -0.33 0.00	47.38 -0.33 0.00	47.09 -0.28 0.00	46.08 -0.23 0.00	44.76 -0.27 0.00	42.66 -0.34 0.00	42.58 -0.47 0.00	42.84 -0.30 0.00	45.16 -0.27 0.00	42.37 -0.38 0.00	38.15 -0.42 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	32.36 -0.46 0.00	32.36 -0.43 0.00
TRIGEN___CC 323695	46.53 2.32 -5.48	42.49 1.91 -4.45	40.72 1.88 -3.95	40.45 1.77 -5.35	43.59 1.86 -7.35	46.18 1.99 -6.67	50.42 2.99 -4.03	53.35 3.56 -2.32	53.47 3.58 -3.40	50.40 3.56 0.00	53.42 3.82 -1.89	51.02 3.65 0.00	49.83 3.52 0.00	49.04 3.51 -0.50	46.72 3.27 -0.44	46.24 2.88 -0.31	51.09 3.28 -4.67	59.69 3.77 -10.49	55.81 2.99 -10.07	49.48 2.47 -8.43	43.31 2.56 -2.46	41.73 2.30 -4.08	40.58 1.97 -5.79	39.20 1.84 -4.58
TRINITY___115KV___ 4 BK 55933	39.35 0.62 0.00	36.64 0.51 0.00	35.34 0.45 0.00	33.80 0.47 0.00	34.86 0.48 0.00	37.98 0.45 0.00	44.35 0.95 0.00	48.75 1.28 0.00	47.75 1.26 0.00	48.06 1.22 0.00	48.95 1.24 0.00	48.51 1.14 0.00	47.38 1.07 0.00	46.06 1.04 0.00	44.00 0.99 0.00	43.74 0.69 0.00	43.92 0.78 0.00	46.52 1.09 0.00	43.43 0.68 0.00	39.11 0.54 0.00	38.82 0.54 0.00	35.85 0.49 0.00	33.35 0.53 0.00	33.11 0.33 0.00
UNION___PROCESSING_DRP 323587	37.18 -1.55 0.00	35.08 -1.05 0.00	33.84 -1.05 0.00	32.33 -1.00 0.00	33.35 -1.03 0.00	36.66 -0.86 0.00	41.40 -2.00 0.00	45.76 -1.71 0.00	44.77 -1.72 0.00	45.11 -1.73 0.00	45.56 -2.15 0.00	45.43 -1.94 0.00	44.51 -1.81 0.00	43.27 -1.76 0.00	41.20 -1.81 0.00	41.20 -1.85 0.00	41.80 -1.34 0.00	44.02 -1.41 0.00	41.21 -1.54 0.00	36.99 -1.58 0.00	36.75 -1.53 0.00	33.94 -1.41 0.00	31.74 -1.08 0.00	32.00 -0.79 0.00
UPPER HUDSON___HYD 24058	39.54 0.81 0.00	36.78 0.65 0.00	35.45 0.56 0.00	33.86 0.53 0.00	34.96 0.58 0.00	38.24 0.71 0.00	44.74 1.35 0.00	49.27 1.80 0.00	48.59 2.09 0.00	48.90 2.06 0.00	49.95 2.24 0.00	49.60 2.23 0.00	48.30 1.99 0.00	46.88 1.85 0.00	44.73 1.72 0.00	44.68 1.64 0.00	44.69 1.55 0.00	47.16 1.73 0.00	44.16 1.41 0.00	39.62 1.04 0.00	39.35 1.07 0.00	36.20 0.85 0.00	34.33 1.51 0.00	34.13 1.34 0.00
UPPER RAQUET___HYD 24056	39.23 0.50 0.00	36.60 0.47 0.00	35.48 0.59 0.00	34.00 0.67 0.00	34.86 0.48 0.00	37.41 -0.11 0.00	42.57 -0.83 0.00	46.52 -0.95 0.00	45.51 -0.98 0.00	46.42 -0.42 0.00	47.33 -0.38 0.00	46.95 -0.43 0.00	46.04 -0.28 0.00	44.85 -0.18 0.00	42.88 -0.13 0.00	42.79 -0.26 0.00	42.75 -0.39 0.00	44.66 -0.77 0.00	42.50 -0.25 0.00	38.46 -0.12 0.00	38.05 -0.23 0.00	35.39 0.04 0.00	33.28 0.46 0.00	33.44 0.66 0.00
VALLEY44_115KV_TB2 355964	37.26 -1.47 0.00	35.19 -0.94 0.00	33.98 -0.91 0.00	32.50 -0.83 0.00	33.59 -0.79 0.00	36.96 -0.56 0.00	41.44 -1.95 0.00	45.62 -1.85 0.00	44.59 -1.91 0.00	44.97 -1.87 0.00	45.23 -2.48 0.00	45.29 -2.08 0.00	44.55 -1.76 0.00	43.27 -1.76 0.00	41.03 -1.98 0.00	40.94 -2.11 0.00	41.50 -1.64 0.00	43.71 -1.73 0.00	40.83 -1.92 0.00	36.57 -2.01 0.00	36.25 -2.03 0.00	33.55 -1.80 0.00	31.41 -1.41 0.00	32.03 -0.75 0.00
VALLEY___115KV_TB 1-4 80826	39.89 1.16 0.00	37.18 1.05 0.00	35.83 0.94 0.00	34.27 0.93 0.00	35.34 0.96 0.00	38.69 1.16 0.00	44.87 1.48 0.00	49.32 1.85 0.00	48.30 1.81 0.00	48.72 1.87 0.00	49.71 2.00 0.00	49.41 2.04 0.00	48.30 1.99 0.00	47.06 2.03 0.00	44.86 1.85 0.00	44.69 1.64 0.00	44.82 1.68 0.00	47.30 1.86 0.00	44.29 1.54 0.00	39.92 1.35 0.00	39.58 1.30 0.00	36.52 1.17 0.00	33.87 1.05 0.00	33.83 1.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.01 2.28 0.00	38.26 2.13 0.00	36.81 1.92 0.00	35.20 1.87 0.00	36.27 1.89 0.00	39.70 2.18 0.00	46.30 2.91 0.00	51.12 3.65 0.00	49.98 3.49 0.00	50.40 3.56 0.00	51.29 3.58 0.00	51.02 3.65 0.00	49.74 3.43 0.00	48.50 3.47 0.00	46.15 3.14 0.00	45.80 2.76 0.00	46.07 2.93 0.00	48.75 3.32 0.00	45.61 2.86 0.00	41.04 2.47 0.00	40.77 2.49 0.00	37.51 2.16 0.00	34.69 1.87 0.00	34.62 1.84 0.00

VISCHER___FERRY HYD 24020	39.89 1.16 0.00	37.25 1.12 0.00	35.94 1.05 0.00	34.33 1.00 0.00	35.44 1.07 0.00	38.69 1.16 0.00	45.18 1.78 0.00	49.65 2.18 0.00	48.68 2.19 0.00	49.00 2.16 0.00	49.86 2.15 0.00	49.45 2.08 0.00	48.26 1.94 0.00	46.92 1.89 0.00	44.81 1.81 0.00	44.86 1.81 0.00	44.91 1.77 0.00	47.34 1.91 0.00	44.16 1.41 0.00	39.81 1.23 0.00	39.47 1.19 0.00	36.52 1.16 0.00	33.90 1.08 0.00	33.73 0.95 0.00
V_A_10_SYNC_DSASP 323832	36.13 -2.59 0.00	34.22 -1.92 0.00	33.04 -1.85 0.00	31.56 -1.77 0.00	32.55 -1.82 0.00	35.84 -1.69 0.00	41.01 -2.39 0.00	44.24 -3.23 0.00	43.42 -3.07 0.00	43.52 -3.32 0.00	44.04 -3.67 0.00	43.87 -3.51 0.00	42.98 -3.33 0.00	41.83 -3.20 0.00	39.74 -3.27 0.00	39.99 -3.06 0.00	40.34 -2.80 0.00	42.39 -3.04 0.00	39.63 -3.12 0.00	35.57 -3.01 0.00	35.33 -2.95 0.00	32.74 -2.62 0.00	30.75 -2.07 0.00	31.18 -1.61 0.00
V_CMM_10_SYNC_DSASP 323787	39.08 0.35 0.00	36.42 0.29 0.00	35.24 0.35 0.00	33.70 0.37 0.00	34.72 0.34 0.00	37.71 0.19 0.00	43.09 -0.30 0.00	46.95 -0.52 0.00	45.94 -0.56 0.00	46.38 -0.47 0.00	47.33 -0.38 0.00	46.99 -0.38 0.00	46.04 -0.28 0.00	44.76 -0.27 0.00	42.84 -0.17 0.00	42.79 -0.26 0.00	42.79 -0.35 0.00	45.02 -0.41 0.00	42.84 0.09 0.00	38.77 0.19 0.00	38.43 0.15 0.00	35.53 0.18 0.00	33.08 0.26 0.00	33.11 0.33 0.00
V_CMP_10_SYNC_DSASP 323788	40.39 1.66 0.00	37.72 1.59 0.00	36.46 1.57 0.00	34.87 1.53 0.00	35.93 1.55 0.00	39.18 1.65 0.00	44.74 1.35 0.00	48.08 0.62 0.00	47.05 0.56 0.00	47.55 0.70 0.00	48.57 0.86 0.00	48.23 0.85 0.00	48.07 1.76 0.00	46.74 1.71 0.00	44.73 1.72 0.00	44.68 1.64 0.00	44.65 1.51 0.00	47.12 1.68 0.00	44.72 1.97 0.00	40.35 1.78 0.00	39.89 1.61 0.00	36.80 1.45 0.00	34.26 1.44 0.00	34.75 1.97 0.00
V_D_10_SYNC_DSASP 323841	39.35 0.62 0.00	36.71 0.58 0.00	35.59 0.70 0.00	34.06 0.73 0.00	35.06 0.69 0.00	37.94 0.41 0.00	43.31 -0.09 0.00	47.18 -0.28 0.00	46.21 -0.28 0.00	46.70 -0.14 0.00	47.66 -0.05 0.00	47.28 -0.09 0.00	46.36 0.05 0.00	45.07 0.05 0.00	43.14 0.13 0.00	43.09 0.04 0.00	43.05 -0.09 0.00	45.25 -0.18 0.00	43.05 0.30 0.00	38.96 0.39 0.00	38.62 0.34 0.00	35.71 0.35 0.00	33.41 0.59 0.00	33.44 0.66 0.00
V_E_10_SYNC_DSASP 323830	41.98 3.25 0.00	39.24 3.11 0.00	37.61 2.72 0.00	36.00 2.67 0.00	37.09 2.72 0.00	40.91 3.38 0.00	47.95 4.56 0.00	53.02 5.55 0.00	51.51 5.02 0.00	51.90 5.06 0.00	52.82 5.11 0.00	52.63 5.26 0.00	51.22 4.91 0.00	50.34 5.31 0.00	47.78 4.77 0.00	47.66 4.61 0.00	47.93 4.79 0.00	50.57 5.13 0.00	47.45 4.70 0.00	42.55 3.97 0.00	42.07 3.79 0.00	38.54 3.18 0.00	35.58 2.76 0.00	35.63 2.85 0.00
V_F_30_NSYNC___DSASP 323816	40.20 1.47 0.00	37.47 1.34 0.00	36.14 1.25 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.95 1.43 0.00	45.48 2.08 0.00	49.98 2.51 0.00	49.14 2.65 0.00	49.47 2.62 0.00	50.43 2.72 0.00	50.07 2.70 0.00	48.86 2.55 0.00	47.41 2.38 0.00	45.24 2.23 0.00	45.24 2.19 0.00	45.30 2.16 0.00	47.75 2.32 0.00	44.63 1.88 0.00	40.12 1.54 0.00	39.85 1.57 0.00	36.73 1.38 0.00	34.30 1.48 0.00	34.13 1.34 0.00
V_F_30_SYNC_DSASP 323786	39.42 0.70 0.00	36.71 0.58 0.00	35.41 0.52 0.00	33.87 0.53 0.00	34.93 0.55 0.00	38.09 0.56 0.00	44.48 1.08 0.00	48.94 1.47 0.00	47.93 1.44 0.00	48.25 1.41 0.00	49.14 1.43 0.00	48.75 1.37 0.00	47.61 1.30 0.00	46.29 1.26 0.00	44.21 1.20 0.00	43.91 0.86 0.00	44.09 0.95 0.00	46.71 1.27 0.00	43.60 0.86 0.00	39.23 0.66 0.00	38.97 0.69 0.00	35.95 0.60 0.00	33.41 0.59 0.00	33.21 0.43 0.00
V_XM_10_SYNC_DSASP 323789	40.39 1.66 0.00	37.72 1.59 0.00	36.46 1.57 0.00	34.87 1.53 0.00	35.93 1.55 0.00	39.18 1.65 0.00	44.74 1.35 0.00	48.08 0.62 0.00	47.05 0.56 0.00	47.55 0.70 0.00	48.57 0.86 0.00	48.23 0.85 0.00	48.07 1.76 0.00	46.74 1.71 0.00	44.73 1.72 0.00	44.68 1.64 0.00	44.65 1.51 0.00	47.12 1.68 0.00	44.72 1.97 0.00	40.35 1.78 0.00	39.89 1.61 0.00	36.80 1.45 0.00	34.26 1.44 0.00	34.75 1.97 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.35 1.63 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.50 1.17 0.00	35.61 1.24 0.00	38.84 1.31 0.00	45.57 2.17 0.00	50.13 2.66 0.00	49.14 2.65 0.00	49.47 2.62 0.00	50.43 2.72 0.00	49.98 2.61 0.00	48.86 2.55 0.00	47.51 2.48 0.00	45.33 2.32 0.00	44.99 1.94 0.00	45.38 2.24 0.00	48.16 2.73 0.00	44.80 2.05 0.00	40.19 1.62 0.00	40.04 1.76 0.00	36.91 1.56 0.00	34.07 1.25 0.00	33.90 1.11 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.51 1.78 0.00	37.47 1.34 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	38.91 1.39 0.00	45.78 2.39 0.00	50.41 2.94 0.00	49.51 3.02 0.00	49.89 3.04 0.00	50.95 3.24 0.00	50.50 3.13 0.00	49.37 3.06 0.00	48.00 2.97 0.00	45.76 2.75 0.00	45.42 2.37 0.00	45.94 2.80 0.00	48.75 3.32 0.00	45.27 2.52 0.00	40.62 2.04 0.00	40.46 2.18 0.00	37.30 1.94 0.00	34.40 1.58 0.00	34.19 1.41 0.00
W50THST__13_KV_LOAD 356117	40.66 1.94 0.00	37.58 1.45 0.00	36.32 1.43 0.00	34.67 1.33 0.00	35.79 1.41 0.00	39.06 1.54 0.00	45.91 2.52 0.00	50.60 3.13 0.00	49.75 3.25 0.00	50.12 3.28 0.00	51.19 3.48 0.00	50.74 3.36 0.00	49.60 3.29 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.68 2.63 0.00	46.20 3.06 0.00	49.02 3.59 0.00	45.49 2.74 0.00	40.77 2.20 0.00	40.65 2.37 0.00	37.44 2.09 0.00	34.53 1.71 0.00	34.32 1.54 0.00
WADING RIVER_IC_1 23522	47.89 3.68 -5.48	43.76 3.18 -4.45	41.87 3.03 -3.95	41.71 3.03 -5.35	44.86 3.13 -7.35	47.46 3.26 -6.67	52.78 5.34 -4.04	55.93 6.13 -2.34	55.95 6.04 -3.41	52.76 5.90 -0.02	55.34 5.72 -1.90	52.93 5.54 -0.02	51.56 5.23 -0.02	50.36 4.82 -0.51	48.32 4.86 -0.46	48.36 4.99 -0.32	52.44 4.62 -4.69	60.48 4.54 -10.50	56.68 3.85 -10.08	50.53 3.51 -8.45	44.62 3.86 -2.48	43.01 3.57 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58
WADING RIVER_IC_2 23547	47.89 3.68 -5.48	43.76 3.18 -4.45	41.87 3.03 -3.95	41.71 3.03 -5.35	44.86 3.13 -7.35	47.46 3.26 -6.67	52.78 5.34 -4.04	55.93 6.13 -2.34	55.95 6.04 -3.41	52.76 5.90 -0.02	55.34 5.72 -1.90	52.93 5.54 -0.02	51.56 5.23 -0.02	50.36 4.82 -0.51	48.32 4.86 -0.46	48.36 4.99 -0.32	52.44 4.62 -4.69	60.48 4.54 -10.50	56.68 3.85 -10.08	50.53 3.51 -8.45	44.62 3.86 -2.48	43.01 3.57 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58
WADING RIVER_IC_3 23601	47.89 3.68 -5.48	43.76 3.18 -4.45	41.87 3.03 -3.95	41.71 3.03 -5.35	44.86 3.13 -7.35	47.46 3.26 -6.67	52.78 5.34 -4.04	55.93 6.13 -2.34	55.95 6.04 -3.41	52.76 5.90 -0.02	55.34 5.72 -1.90	52.93 5.54 -0.02	51.56 5.23 -0.02	50.36 4.82 -0.51	48.32 4.86 -0.46	48.36 4.99 -0.32	52.44 4.62 -4.69	60.48 4.54 -10.50	56.68 3.85 -10.08	50.53 3.51 -8.45	44.62 3.86 -2.48	43.01 3.57 -4.08	41.57 2.96 -5.79	40.05 2.69 -4.58

WALDENNY_12_KV_BK2 80841	36.71 -2.01 0.00	34.79 -1.34 0.00	33.53 -1.36 0.00	32.07 -1.27 0.00	33.14 -1.24 0.00	36.51 -1.01 0.00	40.58 -2.82 0.00	44.81 -2.66 0.00	43.89 -2.60 0.00	44.31 -2.53 0.00	44.61 -3.10 0.00	44.62 -2.75 0.00	43.86 -2.45 0.00	42.60 -2.43 0.00	40.38 -2.62 0.00	40.38 -2.67 0.00	40.98 -2.16 0.00	43.07 -2.36 0.00	40.19 -2.57 0.00	36.03 -2.55 0.00	35.75 -2.53 0.00	33.13 -2.23 0.00	31.15 -1.67 0.00	31.67 -1.11 0.00
WALDEN___HYDRO 24148	40.47 1.74 0.00	37.54 1.41 0.00	36.29 1.40 0.00	34.60 1.27 0.00	35.72 1.34 0.00	38.95 1.43 0.00	45.65 2.26 0.00	50.27 2.80 0.00	49.33 2.84 0.00	49.65 2.81 0.00	50.53 2.81 0.00	50.03 2.65 0.00	48.86 2.55 0.00	47.51 2.48 0.00	45.33 2.32 0.00	45.07 2.02 0.00	45.47 2.33 0.00	48.30 2.86 0.00	44.97 2.22 0.00	40.31 1.74 0.00	40.16 1.88 0.00	36.98 1.63 0.00	34.23 1.41 0.00	34.03 1.25 0.00
WARRENSBURG___ 23737	39.54 0.81 0.00	36.78 0.65 0.00	35.45 0.56 0.00	33.86 0.53 0.00	34.96 0.58 0.00	38.24 0.71 0.00	44.74 1.35 0.00	49.27 1.80 0.00	48.59 2.09 0.00	48.90 2.06 0.00	49.95 2.24 0.00	49.60 2.23 0.00	48.30 1.99 0.00	46.88 1.85 0.00	44.73 1.72 0.00	44.68 1.64 0.00	44.69 1.55 0.00	47.16 1.73 0.00	44.16 1.41 0.00	39.62 1.04 0.00	39.35 1.07 0.00	36.20 0.85 0.00	34.33 1.51 0.00	34.13 1.34 0.00
WATERSIDE___6 8 9 23538	40.47 1.74 0.00	37.36 1.23 0.00	36.11 1.22 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.36 2.90 0.00	49.51 3.02 0.00	49.98 3.14 0.00	51.05 3.34 0.00	50.59 3.22 0.00	49.46 3.15 0.00	48.09 3.06 0.00	45.89 2.88 0.00	45.50 2.45 0.00	46.07 2.93 0.00	48.89 3.45 0.00	45.40 2.65 0.00	40.73 2.16 0.00	38.44 2.34 2.18	37.37 2.02 0.00	34.43 1.61 0.00	34.19 1.41 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.62 0.89 0.00	36.96 0.83 0.00	35.66 0.77 0.00	34.07 0.73 0.00	35.13 0.76 0.00	38.43 0.90 0.00	44.57 1.17 0.00	48.94 1.47 0.00	47.89 1.39 0.00	48.30 1.45 0.00	49.24 1.53 0.00	48.94 1.56 0.00	47.79 1.48 0.00	46.56 1.53 0.00	44.38 1.38 0.00	44.25 1.21 0.00	44.43 1.29 0.00	46.89 1.45 0.00	43.95 1.20 0.00	39.58 1.00 0.00	39.28 1.00 0.00	36.24 0.88 0.00	33.61 0.79 0.00	33.57 0.79 0.00
WATSON___69_KV_BK 1 55734	47.77 3.56 -5.48	43.61 3.04 -4.45	41.77 2.93 -3.95	41.48 2.80 -5.35	44.72 2.99 -7.35	47.49 3.30 -6.67	52.12 4.69 -4.04	55.26 5.46 -2.33	55.29 5.39 -3.41	52.05 5.20 -0.01	55.05 5.44 -1.90	52.59 5.21 -0.01	51.32 5.00 -0.01	50.49 4.95 -0.51	48.23 4.77 -0.45	47.76 4.39 -0.32	52.56 4.75 -4.68	61.20 5.27 -10.50	57.23 4.40 -10.08	50.83 3.82 -8.44	44.65 3.90 -2.47	42.90 3.46 -4.08	41.63 3.02 -5.79	40.18 2.82 -4.58
WDELAWARE___HYD 323627	40.12 1.39 0.00	37.21 1.08 0.00	35.94 1.05 0.00	34.26 0.93 0.00	35.34 0.96 0.00	38.62 1.09 0.00	45.35 1.95 0.00	49.93 2.47 0.00	49.00 2.51 0.00	49.23 2.39 0.00	50.10 2.38 0.00	49.60 2.23 0.00	47.05 0.74 0.00	45.66 0.63 0.00	43.65 0.65 0.00	43.82 0.78 0.00	44.13 0.99 0.00	46.66 1.23 0.00	43.48 0.73 0.00	38.96 0.39 0.00	39.85 1.57 0.00	36.70 1.34 0.00	33.90 1.08 0.00	33.73 0.95 0.00
WEST BABYLON___IC 23714	47.50 3.29 -5.48	43.40 2.82 -4.45	41.52 2.69 -3.95	41.25 2.57 -5.35	44.48 2.75 -7.35	47.19 3.00 -6.67	51.72 4.30 -4.03	54.83 5.03 -2.33	54.91 5.02 -3.40	51.58 4.73 0.00	54.61 5.01 -1.89	52.11 4.74 0.00	50.90 4.58 0.00	50.08 4.55 -0.50	47.79 4.34 -0.44	47.36 4.00 -0.31	52.17 4.36 -4.67	60.78 4.86 -10.49	56.88 4.06 -10.07	50.48 3.47 -8.43	44.34 3.60 -2.46	42.62 3.18 -4.08	41.40 2.79 -5.79	39.95 2.59 -4.58
WEST CANADA___HYD 24049	38.96 0.23 0.00	36.35 0.22 0.00	35.06 0.18 0.00	33.50 0.17 0.00	34.55 0.17 0.00	37.75 0.23 0.00	43.87 0.48 0.00	48.08 0.62 0.00	47.05 0.56 0.00	47.41 0.56 0.00	48.29 0.57 0.00	47.94 0.57 0.00	46.82 0.51 0.00	45.53 0.50 0.00	43.48 0.47 0.00	43.52 0.47 0.00	43.61 0.48 0.00	45.93 0.50 0.00	43.09 0.34 0.00	38.85 0.27 0.00	38.55 0.27 0.00	35.57 0.21 0.00	32.99 0.16 0.00	32.95 0.16 0.00
WESTERN_NY_WIND 24143	37.02 -1.70 0.00	35.12 -1.01 0.00	33.84 -1.05 0.00	32.37 -0.97 0.00	33.38 -1.00 0.00	36.78 -0.75 0.00	41.05 -2.34 0.00	45.52 -1.95 0.00	44.54 -1.95 0.00	44.88 -1.97 0.00	45.13 -2.58 0.00	45.00 -2.37 0.00	44.18 -2.13 0.00	42.96 -2.07 0.00	40.81 -2.19 0.00	40.90 -2.15 0.00	41.63 -1.51 0.00	43.75 -1.68 0.00	40.87 -1.88 0.00	36.65 -1.93 0.00	36.40 -1.88 0.00	33.76 -1.59 0.00	31.67 -1.15 0.00	32.09 -0.69 0.00
WESTOVER___LESR 323668	39.12 0.39 0.00	36.57 0.43 0.00	35.27 0.38 0.00	33.70 0.37 0.00	34.79 0.41 0.00	38.13 0.60 0.00	44.00 0.61 0.00	48.37 0.90 0.00	47.33 0.84 0.00	47.64 0.80 0.00	48.43 0.72 0.00	48.13 0.76 0.00	47.10 0.79 0.00	45.79 0.77 0.00	43.69 0.69 0.00	43.52 0.47 0.00	43.87 0.73 0.00	46.30 0.86 0.00	43.35 0.60 0.00	38.96 0.39 0.00	38.66 0.38 0.00	35.67 0.32 0.00	33.08 0.26 0.00	33.21 0.43 0.00
WETHRSFD_WT_PWR 323626	37.02 -1.70 0.00	34.97 -1.16 0.00	33.70 -1.19 0.00	32.23 -1.10 0.00	33.31 -1.07 0.00	36.70 -0.83 0.00	42.14 -1.26 0.00	45.57 -1.90 0.00	44.68 -1.81 0.00	44.83 -2.01 0.00	45.37 -2.34 0.00	45.24 -2.13 0.00	44.37 -1.94 0.00	43.14 -1.89 0.00	40.90 -2.11 0.00	41.20 -1.85 0.00	41.46 -1.68 0.00	43.53 -1.91 0.00	40.66 -2.09 0.00	36.38 -2.20 0.00	36.02 -2.26 0.00	33.34 -2.01 0.00	31.25 -1.57 0.00	31.73 -1.05 0.00
WHAVSTOR_138KV_BK127 55557	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.39 2.00 0.00	49.94 2.47 0.00	48.91 2.42 0.00	49.23 2.39 0.00	50.19 2.48 0.00	49.79 2.42 0.00	48.63 2.32 0.00	47.28 2.25 0.00	45.11 2.11 0.00	44.81 1.77 0.00	45.21 2.07 0.00	47.93 2.50 0.00	44.59 1.84 0.00	40.04 1.47 0.00	39.85 1.57 0.00	36.73 1.38 0.00	33.94 1.12 0.00	33.77 0.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.24 1.51 0.00	37.29 1.16 0.00	36.04 1.15 0.00	34.40 1.07 0.00	35.51 1.13 0.00	38.69 1.16 0.00	45.39 2.00 0.00	49.94 2.47 0.00	48.91 2.42 0.00	49.23 2.39 0.00	50.19 2.48 0.00	49.79 2.42 0.00	48.63 2.32 0.00	47.28 2.25 0.00	45.11 2.11 0.00	44.81 1.77 0.00	45.21 2.07 0.00	47.93 2.50 0.00	44.59 1.84 0.00	40.04 1.47 0.00	39.85 1.57 0.00	36.73 1.38 0.00	33.94 1.12 0.00	33.77 0.98 0.00
WHITEHAL_115KV_TB1 80871	40.35 1.63 0.00	37.58 1.45 0.00	36.18 1.29 0.00	34.57 1.23 0.00	35.68 1.31 0.00	39.10 1.58 0.00	45.74 2.34 0.00	50.51 3.04 0.00	49.79 3.30 0.00	50.17 3.33 0.00	51.24 3.53 0.00	50.88 3.51 0.00	49.60 3.29 0.00	48.14 3.11 0.00	45.84 2.84 0.00	45.42 2.37 0.00	45.60 2.46 0.00	48.34 2.91 0.00	45.27 2.52 0.00	40.54 1.97 0.00	40.31 2.03 0.00	36.94 1.59 0.00	34.89 2.07 0.00	34.68 1.90 0.00

WHITEPLN_13_KV_LOAD 356215	40.74 2.01 0.00	37.79 1.66 0.00	36.49 1.60 0.00	34.83 1.50 0.00	35.96 1.58 0.00	39.21 1.69 0.00	46.04 2.65 0.00	50.69 3.23 0.00	49.79 3.30 0.00	50.17 3.33 0.00	51.24 3.53 0.00	50.83 3.46 0.00	49.65 3.33 0.00	48.27 3.24 0.00	46.06 3.05 0.00	45.72 2.67 0.00	46.12 2.98 0.00	48.89 3.45 0.00	45.49 2.74 0.00	40.81 2.24 0.00	40.58 2.30 0.00	37.40 2.05 0.00	34.56 1.74 0.00	34.36 1.57 0.00
WM_FLOYD_69_KV_BK2 356380	47.73 3.52 -5.48	43.58 3.00 -4.45	41.70 2.86 -3.95	41.48 2.80 -5.35	44.69 2.96 -7.35	47.34 3.15 -6.67	52.21 4.77 -4.04	55.36 5.55 -2.34	55.44 5.53 -3.41	52.06 5.20 -0.02	55.01 5.39 -1.90	52.50 5.12 -0.02	51.24 4.91 -0.02	50.27 4.73 -0.51	48.11 4.64 -0.46	47.72 4.35 -0.32	52.23 4.40 -4.69	60.71 4.77 -10.50	56.81 3.98 -10.08	50.57 3.55 -8.45	44.47 3.71 -2.48	42.80 3.36 -4.08	41.50 2.89 -5.79	39.95 2.59 -4.58
WOODARD__115KV_TB2 355635	37.84 -0.89 0.00	35.37 -0.76 0.00	34.12 -0.77 0.00	32.60 -0.73 0.00	33.62 -0.76 0.00	36.85 -0.68 0.00	42.53 -0.87 0.00	46.76 -0.71 0.00	45.75 -0.74 0.00	46.14 -0.70 0.00	46.95 -0.76 0.00	46.66 -0.71 0.00	45.66 -0.65 0.00	44.35 -0.68 0.00	42.32 -0.69 0.00	42.23 -0.82 0.00	42.49 -0.65 0.00	44.80 -0.64 0.00	41.98 -0.77 0.00	37.80 -0.77 0.00	37.52 -0.77 0.00	34.61 -0.74 0.00	32.13 -0.69 0.00	32.13 -0.66 0.00
YORK___WARBASSE 23770	40.55 1.82 0.00	37.40 1.26 0.00	36.15 1.26 0.00	34.47 1.13 0.00	35.61 1.24 0.00	38.80 1.28 0.00	45.70 2.30 0.00	50.46 2.99 0.00	49.65 3.16 0.00	50.12 3.28 0.00	51.24 3.53 0.00	50.78 3.41 0.00	49.65 3.33 0.00	48.23 3.20 0.00	46.02 3.01 0.00	45.63 2.58 0.00	46.25 3.11 0.00	49.11 3.68 0.00	45.57 2.82 0.00	40.89 2.31 0.00	56.06 2.53 -15.26	37.51 2.16 0.00	34.49 1.67 0.00	34.29 1.51 0.00