

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/07/2024

Name	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
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	41.97	38.40	35.65	36.06	35.04	35.38	35.40	37.62	40.00	45.62	50.69	50.80	49.71	50.57	51.10	51.05	52.11	60.08	56.49	49.74	49.06	45.88	41.30	39.15
24138	2.45	1.93	1.73	1.59	1.48	1.56	1.59	1.69	2.08	2.58	3.23	3.45	3.34	3.40	3.57	3.60	3.59	4.30	3.84	3.38	3.64	3.00	2.45	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	41.93	38.33	35.59	35.99	34.97	35.31	35.33	37.62	39.93	45.66	50.64	50.71	49.66	50.52	51.05	50.96	52.06	60.03	56.39	49.75	48.93	45.79	41.30	39.07
24260	2.41	1.86	1.66	1.52	1.41	1.49	1.52	1.69	2.01	2.63	3.18	3.36	3.29	3.35	3.52	3.51	3.54	4.24	3.74	3.38	3.50	2.92	2.45	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.93	38.33	35.59	35.99	34.97	35.31	35.33	37.62	39.93	45.66	50.64	50.71	49.66	50.52	51.05	50.96	52.06	60.03	56.39	49.75	48.93	45.79	41.30	39.07
24261	2.41	1.86	1.66	1.52	1.41	1.49	1.52	1.69	2.01	2.63	3.18	3.36	3.29	3.35	3.52	3.51	3.54	4.24	3.74	3.38	3.50	2.92	2.45	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.53	38.26	35.48	36.06	35.01	35.24	35.27	37.40	39.66	45.62	50.64	50.57	49.38	50.19	50.53	50.34	51.52	59.41	55.91	49.10	48.15	44.98	40.45	38.44
24011	2.02	1.79	1.56	1.59	1.44	1.42	1.45	1.47	1.74	2.58	3.18	3.22	3.01	3.02	2.99	2.89	3.01	3.63	3.26	2.74	2.73	2.10	1.59	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.73	38.44	35.65	36.23	35.14	35.41	35.44	37.58	39.85	45.79	50.97	50.95	49.71	50.47	50.81	50.63	51.82	59.75	56.28	49.42	48.52	45.32	40.60	38.59
23798	2.21	1.97	1.73	1.76	1.58	1.59	1.62	1.65	1.93	2.76	3.51	3.60	3.34	3.30	3.28	3.18	3.30	3.96	3.63	3.06	3.09	2.44	1.75	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.53	38.26	35.48	36.06	35.01	35.24	35.27	37.40	39.66	45.62	50.64	50.57	49.38	50.19	50.53	50.34	51.52	59.41	55.91	49.10	48.15	44.98	40.45	38.44
24028	2.02	1.79	1.56	1.59	1.44	1.42	1.45	1.47	1.74	2.58	3.18	3.22	3.01	3.02	2.99	2.89	3.01	3.63	3.26	2.74	2.73	2.10	1.59	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.42	38.37	35.48	36.16	35.17	35.44	35.50	37.69	39.89	45.40	50.40	50.38	49.34	50.14	50.53	50.49	51.62	59.47	56.02	49.33	48.47	45.49	40.95	38.92
23527	1.90	1.90	1.56	1.69	1.61	1.62	1.69	1.76	1.97	2.37	2.94	3.03	2.97	2.97	3.00	3.04	3.11	3.68	3.37	2.97	3.04	2.62	2.10	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	39.91	36.80	34.23	34.78	33.80	34.06	34.15	36.22	38.26	43.68	48.36	48.34	47.30	48.11	48.53	48.44	49.49	57.02	53.65	47.24	46.34	43.52	39.24	37.30
24190	0.40	0.33	0.31	0.31	0.23	0.24	0.34	0.29	0.34	0.65	0.90	0.99	0.93	0.94	1.00	1.00	0.97	1.23	1.00	0.88	0.91	0.64	0.39	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	39.64	36.58	34.09	34.64	33.76	34.02	33.98	36.04	38.11	42.73	47.08	47.02	46.05	46.84	47.15	47.12	48.18	55.17	52.28	46.04	45.20	42.96	39.05	37.19
355683	0.12	0.11	0.17	0.17	0.20	0.20	0.17	0.11	0.19	-0.30	-0.38	-0.33	-0.32	-0.33	-0.38	-0.33	-0.34	-0.61	-0.37	-0.32	-0.23	0.09	0.19	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.86	37.71	35.04	35.61	34.61	34.87	34.86	37.01	39.10	44.54	49.45	49.38	48.32	49.15	49.53	49.44	50.55	58.13	54.76	48.22	47.34	44.47	40.02	38.07
323833	1.34	1.24	1.12	1.14	1.04	1.05	1.05	1.08	1.18	1.51	1.99	2.03	1.95	1.98	2.00	1.99	2.04	2.34	2.11	1.86	1.91	1.59	1.16	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.86	37.67	35.04	35.57	34.61	34.87	34.86	37.01	39.06	44.50	49.45	49.38	48.32	49.15	49.53	49.44	50.55	58.13	54.76	48.22	47.34	44.47	40.02	38.07
323834	1.34	1.20	1.12	1.10	1.04	1.05	1.05	1.08	1.14	1.46	1.99	2.03	1.95	1.98	2.00	1.99	2.04	2.34	2.11	1.86	1.91	1.59	1.16	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.91	36.80	34.23	34.78	33.80	34.06	34.15	36.22	38.26	43.68	48.36	48.34	47.30	48.11	48.53	48.44	49.49	57.02	53.65	47.24	46.34	43.52	39.24	37.30
23571	0.40	0.33	0.31	0.31	0.23	0.24	0.34	0.29	0.34	0.65	0.90	0.99	0.93	0.94	1.00	1.00	0.97	1.23	1.00	0.88	0.91	0.64	0.39	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.91 0.40 0.00	36.80 0.33 0.00	34.23 0.31 0.00	34.78 0.31 0.00	33.80 0.23 0.00	34.06 0.24 0.00	34.15 0.34 0.00	36.22 0.29 0.00	38.26 0.34 0.00	43.68 0.65 0.00	48.36 0.90 0.00	48.34 0.99 0.00	47.30 0.93 0.00	48.11 0.94 0.00	48.53 1.00 0.00	48.44 1.00 0.00	49.49 0.97 0.00	57.02 1.23 0.00	53.65 1.00 0.00	47.24 0.88 0.00	46.34 0.91 0.00	43.52 0.64 0.00	39.24 0.39 0.00	37.30 0.30 0.00
ALBANY___3 23573	39.91 0.40 0.00	36.80 0.33 0.00	34.23 0.31 0.00	34.78 0.31 0.00	33.80 0.23 0.00	34.06 0.24 0.00	34.15 0.34 0.00	36.22 0.29 0.00	38.26 0.34 0.00	43.68 0.65 0.00	48.36 0.90 0.00	48.34 0.99 0.00	47.30 0.93 0.00	48.11 0.94 0.00	48.53 1.00 0.00	48.44 1.00 0.00	49.49 0.97 0.00	57.02 1.23 0.00	53.65 1.00 0.00	47.24 0.88 0.00	46.34 0.91 0.00	43.52 0.64 0.00	39.24 0.39 0.00	37.30 0.30 0.00
ALBANY___4 23574	39.91 0.40 0.00	36.80 0.33 0.00	34.23 0.31 0.00	34.78 0.31 0.00	33.80 0.23 0.00	34.06 0.24 0.00	34.15 0.34 0.00	36.22 0.29 0.00	38.26 0.34 0.00	43.68 0.65 0.00	48.36 0.90 0.00	48.34 0.99 0.00	47.30 0.93 0.00	48.11 0.94 0.00	48.53 1.00 0.00	48.44 1.00 0.00	49.49 0.97 0.00	57.02 1.23 0.00	53.65 1.00 0.00	47.24 0.88 0.00	46.34 0.91 0.00	43.52 0.64 0.00	39.24 0.39 0.00	37.30 0.30 0.00
ALBANY___LFGE 323615	40.31 0.79 0.00	37.16 0.69 0.00	34.57 0.64 0.00	35.09 0.62 0.00	34.13 0.57 0.00	34.39 0.57 0.00	34.49 0.68 0.00	36.54 0.61 0.00	38.64 0.72 0.00	44.07 1.03 0.00	48.93 1.47 0.00	48.91 1.56 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.05 1.52 0.00	48.97 1.52 0.00	50.07 1.55 0.00	57.57 1.78 0.00	54.23 1.58 0.00	47.75 1.39 0.00	46.93 1.50 0.00	44.04 1.16 0.00	39.63 0.78 0.00	37.67 0.67 0.00
ALCOA_PA_115KV_PL-6C 55860	39.72 0.20 0.00	36.69 0.22 0.00	34.26 0.34 0.00	34.85 0.38 0.00	33.93 0.37 0.00	34.19 0.37 0.00	34.15 0.34 0.00	36.11 0.18 0.00	38.18 0.27 0.00	42.86 -0.17 0.00	47.27 -0.19 0.00	47.16 -0.19 0.00	46.14 -0.23 0.00	46.98 -0.19 0.00	47.29 -0.24 0.00	47.21 -0.24 0.00	48.32 -0.19 0.00	55.29 -0.50 0.00	52.44 -0.21 0.00	46.18 -0.19 0.00	45.34 -0.09 0.00	43.09 0.21 0.00	39.13 0.27 0.00	37.30 0.30 0.00
ALCOA_RYNLDS___DRP 24188	39.72 0.20 0.00	36.69 0.22 0.00	34.26 0.34 0.00	34.85 0.38 0.00	33.93 0.37 0.00	34.19 0.37 0.00	34.15 0.34 0.00	36.11 0.18 0.00	38.18 0.27 0.00	42.86 -0.17 0.00	47.27 -0.19 0.00	47.16 -0.19 0.00	46.14 -0.23 0.00	46.98 -0.19 0.00	47.29 -0.24 0.00	47.21 -0.24 0.00	48.32 -0.19 0.00	55.29 -0.50 0.00	52.44 -0.21 0.00	46.18 -0.19 0.00	45.34 -0.09 0.00	43.09 0.21 0.00	39.13 0.27 0.00	37.30 0.30 0.00
ALCOA___DSASP 323711	39.72 0.20 0.00	36.69 0.22 0.00	34.26 0.34 0.00	34.85 0.38 0.00	33.93 0.37 0.00	34.19 0.37 0.00	34.15 0.34 0.00	36.11 0.18 0.00	38.19 0.27 0.00	43.29 0.26 0.00	47.27 -0.19 0.00	47.16 -0.19 0.00	46.14 -0.23 0.00	46.98 -0.19 0.00	47.30 -0.24 0.00	47.21 -0.24 0.00	48.32 -0.19 0.00	55.40 -0.39 0.00	52.44 -0.21 0.00	46.13 -0.23 0.00	45.20 -0.23 0.00	42.92 0.04 0.00	39.13 0.27 0.00	37.29 0.29 0.00
ALLEGHENY___COGEN 23514	40.23 0.71 0.00	37.49 1.02 0.00	35.14 1.22 0.00	35.85 1.38 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.10 1.28 0.00	37.44 1.51 0.00	38.64 0.72 0.00	43.16 0.13 0.00	47.98 0.52 0.00	47.40 0.05 0.00	46.37 0.00 0.00	47.08 -0.09 0.00	47.44 -0.09 0.00	47.69 0.24 0.00	49.05 0.53 0.00	56.51 0.72 0.00	53.81 1.16 0.00	47.43 1.07 0.00	45.79 0.36 0.00	43.48 0.60 0.00	39.32 0.47 0.00	37.89 0.89 0.00
ALTAMONT_115KV_TB 2 55880	40.47 0.95 0.00	37.31 0.84 0.00	34.67 0.75 0.00	35.23 0.76 0.00	34.27 0.70 0.00	34.50 0.68 0.00	34.56 0.74 0.00	36.68 0.75 0.00	38.79 0.87 0.00	44.24 1.20 0.00	48.93 1.47 0.00	48.87 1.52 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.10 1.57 0.00	49.01 1.57 0.00	50.12 1.60 0.00	57.69 1.90 0.00	54.33 1.68 0.00	47.84 1.48 0.00	46.93 1.50 0.00	44.08 1.20 0.00	39.79 0.93 0.00	37.81 0.81 0.00
ALTONA_WT_PWR 323606	40.62 1.10 0.00	37.49 1.02 0.00	34.80 0.88 0.00	35.43 0.96 0.00	34.57 1.01 0.00	34.83 1.01 0.00	34.79 0.98 0.00	37.05 1.12 0.00	39.25 1.33 0.00	44.50 1.46 0.00	47.98 0.52 0.00	47.87 0.52 0.00	47.07 0.70 0.00	47.74 0.57 0.00	48.01 0.48 0.00	48.02 0.57 0.00	49.10 0.58 0.00	56.18 0.39 0.00	53.33 0.68 0.00	46.87 0.51 0.00	45.98 0.55 0.00	44.12 1.24 0.00	40.25 1.40 0.00	38.37 1.37 0.00
AMERICAN_REF_FUEL 24010	36.79 -2.73 0.00	34.35 -2.12 0.00	32.40 -1.53 0.00	33.13 -1.34 0.00	32.02 -1.54 0.00	32.40 -1.42 0.00	32.16 -1.66 0.00	34.28 -1.65 0.00	34.77 -3.15 0.00	38.52 -4.52 0.00	43.09 -4.37 0.00	42.14 -5.21 0.00	41.55 -4.82 0.00	42.08 -5.10 0.00	42.49 -5.04 0.00	42.42 -5.03 0.00	43.13 -5.39 0.00	49.59 -6.19 0.00	47.17 -5.48 0.00	41.82 -4.54 0.00	40.34 -5.09 0.00	38.68 -4.20 0.00	35.36 -3.50 0.00	34.52 -2.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.09 -0.43 0.00	36.54 0.07 0.00	34.36 0.44 0.00	35.09 0.62 0.00	34.00 0.44 0.00	34.26 0.44 0.00	34.22 0.41 0.00	36.58 0.65 0.00	37.39 -0.53 0.00	41.57 -1.46 0.00	46.37 -1.09 0.00	45.55 -1.80 0.00	44.65 -1.71 0.00	45.38 -1.79 0.00	45.63 -1.90 0.00	45.55 -1.90 0.00	46.38 -2.13 0.00	53.45 -2.34 0.00	50.70 -1.95 0.00	44.78 -1.58 0.00	43.29 -2.13 0.00	41.29 -1.59 0.00	37.61 -1.24 0.00	36.67 -0.33 0.00
ARTHUR KILL_GT_1 23520	41.85 2.33 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.04 1.22 0.00	35.06 1.25 0.00	37.15 1.22 0.00	39.51 1.59 0.00	45.06 2.02 0.00	50.32 2.80 -0.06	50.29 2.94 0.00	49.34 2.97 0.00	50.26 3.06 -0.02	50.68 3.09 -0.06	50.58 3.13 0.00	51.87 3.30 -0.06	59.66 3.85 -0.02	56.12 3.47 0.00	49.66 3.24 -0.06	49.03 3.55 -0.06	45.76 2.83 -0.06	41.24 2.33 -0.06	39.00 2.00 0.00
ARTHUR_KILL_2 23512	41.69 2.17 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.68 1.21 0.00	34.67 1.11 0.00	34.93 1.11 0.00	34.96 1.15 0.00	37.08 1.15 0.00	39.40 1.48 0.00	44.93 1.89 0.00	50.17 2.66 -0.06	50.14 2.79 0.00	49.20 2.83 0.00	50.12 2.93 -0.02	50.49 2.90 -0.06	50.44 2.99 0.00	51.68 3.11 -0.06	59.49 3.68 -0.02	55.91 3.27 0.00	49.52 3.11 -0.06	48.89 3.41 -0.06	45.64 2.70 -0.06	41.12 2.21 -0.06	38.89 1.89 0.00
ARTHUR_KILL_3 23513	41.53 2.01 0.01	37.96 1.50 0.01	35.24 1.32 0.01	35.64 1.17 0.01	34.63 1.07 0.01	34.96 1.15 0.01	34.99 1.18 0.01	37.19 1.26 0.00	39.55 1.63 0.00	45.06 2.02 0.00	50.16 2.66 -0.05	50.19 2.84 0.00	49.15 2.78 0.00	50.02 2.83 -0.01	50.48 2.90 -0.05	50.44 2.99 0.00	51.57 3.01 -0.05	59.38 3.57 -0.01	55.81 3.16 0.00	49.33 2.92 -0.05	48.70 3.23 -0.05	45.50 2.57 -0.05	40.96 2.06 -0.05	38.70 1.70 0.01

ARTHUR_KILL_COGEN 323718	41.85 2.33 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.04 1.22 0.00	35.06 1.25 0.00	37.15 1.22 0.00	39.51 1.59 0.00	45.06 2.02 0.00	50.32 2.80 -0.06	50.29 2.94 0.00	49.34 2.97 0.00	50.26 3.06 -0.02	50.68 3.09 -0.06	50.58 3.13 0.00	51.87 3.30 -0.06	59.66 3.85 -0.02	56.12 3.47 0.00	49.66 3.24 -0.06	49.03 3.55 -0.06	45.76 2.83 -0.06	41.24 2.33 -0.06	39.00 2.00 0.00
ASHOKAN____ 23654	41.65 2.13 0.00	38.40 1.93 0.00	35.65 1.73 0.00	36.16 1.69 0.00	35.11 1.54 0.00	35.38 1.56 0.00	35.10 1.28 0.00	37.08 1.15 0.00	39.13 1.21 0.00	44.45 1.42 0.00	49.55 2.09 0.00	49.58 2.23 0.00	48.60 2.23 0.00	49.43 2.26 0.00	49.72 2.19 0.00	49.87 2.42 0.00	51.09 2.57 0.00	58.80 3.01 0.00	55.49 2.84 0.00	48.59 2.23 0.00	47.65 2.23 0.00	44.72 1.84 0.00	40.14 1.28 0.00	38.22 1.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.98 2.45 -0.01	38.40 1.93 0.00	35.69 1.76 -0.01	36.10 1.62 -0.01	35.08 1.51 -0.01	35.27 1.45 0.00	35.10 1.28 0.00	37.08 1.15 0.00	39.50 1.59 0.01	44.96 1.94 0.01	50.11 2.66 0.01	50.13 2.79 0.01	49.19 2.83 0.01	50.04 2.88 0.01	50.42 2.90 0.01	50.38 2.94 0.01	51.57 3.06 0.01	59.40 3.62 0.01	55.80 3.16 0.01	49.36 3.01 0.01	48.73 3.31 0.01	45.49 2.62 0.00	41.26 2.41 0.00	39.22 2.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.98 2.45 -0.01	38.40 1.93 0.00	35.69 1.76 -0.01	36.10 1.62 -0.01	35.08 1.51 -0.01	35.27 1.45 0.00	35.10 1.28 0.00	37.08 1.15 0.00	39.50 1.59 0.01	44.96 1.94 0.01	50.11 2.66 0.01	50.13 2.79 0.01	49.19 2.83 0.01	50.04 2.88 0.01	50.42 2.90 0.01	50.38 2.94 0.01	51.57 3.06 0.01	59.40 3.62 0.01	55.80 3.16 0.01	49.36 3.01 0.01	48.73 3.31 0.01	45.49 2.62 0.00	41.26 2.41 0.00	39.22 2.22 0.00
ASTORIA_GT2_1 24094	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT2_2 24095	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT2_3 24096	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT2_4 24097	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT3_1 24098	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT3_2 24099	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT3_3 24100	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT3_4 24101	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT4_1 24102	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT4_2 24103	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT4_3 24104	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00

ASTORIA_GT4_4 24105	42.01 2.49 0.00	38.40 1.93 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.13 1.32 0.00	37.19 1.26 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.17 2.71 0.00	50.19 2.84 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.62 3.09 0.00	50.44 2.99 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.86 3.21 0.00	49.37 3.01 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.30 2.45 0.00	39.26 2.26 0.00
ASTORIA_GT_1 23523	42.09 2.57 -0.01	38.47 2.00 0.00	35.76 1.83 -0.01	36.17 1.69 -0.01	35.15 1.58 -0.01	35.34 1.52 0.00	35.17 1.35 0.00	37.15 1.22 0.00	39.58 1.67 0.01	45.05 2.02 0.01	50.25 2.80 0.01	50.28 2.94 0.01	49.28 2.92 0.01	50.18 3.02 0.01	50.52 3.00 0.01	50.52 3.08 0.01	51.71 3.20 0.01	59.52 3.74 0.01	55.96 3.32 0.01	49.51 3.15 0.01	48.87 3.45 0.01	45.62 2.75 0.00	41.38 2.52 0.00	39.29 2.29 0.00
ASTORIA_GT_10 24110	41.85 2.33 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.76 3.23 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.22 2.37 0.00	39.04 2.04 0.00
ASTORIA_GT_11 24225	41.85 2.33 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.76 3.23 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.22 2.37 0.00	39.04 2.04 0.00
ASTORIA_GT_12 24226	41.85 2.33 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.76 3.23 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.22 2.37 0.00	39.04 2.04 0.00
ASTORIA_GT_13 24227	41.85 2.33 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.76 3.23 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.22 2.37 0.00	39.04 2.04 0.00
ASTORIA_GT_5 24106	42.09 2.57 0.00	38.48 2.01 0.00	35.76 1.83 0.00	36.16 1.69 0.00	35.14 1.58 0.00	35.34 1.52 0.00	35.17 1.35 0.00	37.26 1.33 0.00	39.59 1.67 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.29 2.94 0.00	49.29 2.92 0.00	50.14 2.97 0.00	50.72 3.18 0.00	50.53 3.08 0.00	51.67 3.15 0.00	59.58 3.79 0.00	55.97 3.32 0.00	49.47 3.11 0.00	48.61 3.18 0.00	45.54 2.66 0.00	41.38 2.53 0.00	39.29 2.29 0.00
ASTORIA_GT_7 24107	42.09 2.57 0.00	38.48 2.01 0.00	35.76 1.83 0.00	36.16 1.69 0.00	35.14 1.58 0.00	35.34 1.52 0.00	35.17 1.35 0.00	37.26 1.33 0.00	39.59 1.67 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.29 2.94 0.00	49.29 2.92 0.00	50.14 2.97 0.00	50.72 3.18 0.00	50.53 3.08 0.00	51.67 3.15 0.00	59.58 3.79 0.00	55.97 3.32 0.00	49.47 3.11 0.00	48.61 3.18 0.00	45.54 2.66 0.00	41.38 2.53 0.00	39.29 2.29 0.00
ASTORIA_GT_8 24108	42.09 2.57 0.00	38.48 2.01 0.00	35.76 1.83 0.00	36.16 1.69 0.00	35.14 1.58 0.00	35.34 1.52 0.00	35.17 1.35 0.00	37.26 1.33 0.00	39.59 1.67 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.29 2.94 0.00	49.29 2.92 0.00	50.14 2.97 0.00	50.72 3.18 0.00	50.53 3.08 0.00	51.67 3.15 0.00	59.58 3.79 0.00	55.97 3.32 0.00	49.47 3.11 0.00	48.61 3.18 0.00	45.54 2.66 0.00	41.38 2.53 0.00	39.29 2.29 0.00
ASTORIA___2 24149	42.02 2.49 -0.01	38.40 1.93 0.00	35.73 1.80 -0.01	36.10 1.62 -0.01	35.08 1.51 -0.01	35.27 1.45 0.00	35.13 1.32 0.00	37.11 1.18 0.00	39.50 1.59 0.01	45.01 1.98 0.01	50.16 2.70 0.01	50.18 2.84 0.01	49.19 2.83 0.01	50.09 2.93 0.01	50.42 2.90 0.01	50.43 2.99 0.01	51.62 3.11 0.01	59.40 3.62 0.01	55.85 3.21 0.01	49.41 3.06 0.01	48.73 3.31 0.01	45.54 2.66 0.00	41.30 2.45 0.00	39.22 2.22 0.00
ASTORIA___3 23516	41.85 2.33 0.00	38.26 1.79 0.00	35.55 1.63 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.26 1.33 0.00	39.63 1.71 0.00	45.14 2.11 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.24 3.06 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.56 3.20 0.00	48.93 3.50 0.00	45.66 2.79 0.00	41.23 2.37 0.00	39.03 2.03 0.00
ASTORIA___4 23517	41.85 2.33 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.76 3.23 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.22 2.37 0.00	39.04 2.04 0.00
ASTORIA___5 23518	41.85 2.33 0.00	38.26 1.79 0.00	35.55 1.63 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.26 1.33 0.00	39.63 1.71 0.00	45.14 2.11 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.24 3.06 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.56 3.20 0.00	48.93 3.50 0.00	45.66 2.79 0.00	41.23 2.37 0.00	39.03 2.03 0.00
AST_ENERGY_2_CC3 323677	41.69 2.17 0.00	38.15 1.68 0.00	35.41 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.66 1.75 0.00	45.23 2.19 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.47 3.11 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.07 2.21 0.00	38.85 1.85 0.00
AST_ENERGY_2_CC4 323678	41.69 2.17 0.00	38.15 1.68 0.00	35.41 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.66 1.75 0.00	45.23 2.19 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.47 3.11 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.07 2.21 0.00	38.85 1.85 0.00

ATHENS_STG_1 23668	40.78 1.26 0.00	37.53 1.06 0.00	34.84 0.92 0.00	35.37 0.89 0.00	34.43 0.87 0.00	34.70 0.88 0.00	34.73 0.91 0.00	36.90 0.97 0.00	39.06 1.14 0.00	44.41 1.38 0.00	49.31 1.85 0.00	49.29 1.94 0.00	48.27 1.90 0.00	49.11 1.93 0.00	49.48 1.95 0.00	49.44 1.99 0.00	50.55 2.04 0.00	58.19 2.40 0.00	54.81 2.16 0.00	48.26 1.90 0.00	47.47 2.05 0.00	44.51 1.63 0.00	40.10 1.24 0.00	38.11 1.11 0.00
ATHENS_STG_2 23670	40.78 1.26 0.00	37.53 1.06 0.00	34.84 0.92 0.00	35.37 0.89 0.00	34.43 0.87 0.00	34.70 0.88 0.00	34.73 0.91 0.00	36.90 0.97 0.00	39.06 1.14 0.00	44.41 1.38 0.00	49.31 1.85 0.00	49.29 1.94 0.00	48.27 1.90 0.00	49.11 1.93 0.00	49.48 1.95 0.00	49.44 1.99 0.00	50.55 2.04 0.00	58.19 2.40 0.00	54.81 2.16 0.00	48.26 1.90 0.00	47.47 2.05 0.00	44.51 1.63 0.00	40.10 1.24 0.00	38.11 1.11 0.00
ATHENS_STG_3 23677	40.78 1.26 0.00	37.53 1.06 0.00	34.84 0.92 0.00	35.37 0.89 0.00	34.43 0.87 0.00	34.70 0.88 0.00	34.73 0.91 0.00	36.90 0.97 0.00	39.06 1.14 0.00	44.41 1.38 0.00	49.31 1.85 0.00	49.29 1.94 0.00	48.27 1.90 0.00	49.11 1.93 0.00	49.48 1.95 0.00	49.44 1.99 0.00	50.55 2.04 0.00	58.19 2.40 0.00	54.81 2.16 0.00	48.26 1.90 0.00	47.47 2.05 0.00	44.51 1.63 0.00	40.10 1.24 0.00	38.11 1.11 0.00
AUBURN___LFGE 323710	39.16 -0.36 0.00	36.29 -0.18 0.00	33.72 -0.20 0.00	34.30 -0.17 0.00	33.46 -0.10 0.00	33.75 -0.07 0.00	33.74 -0.07 0.00	35.89 -0.04 0.00	37.77 -0.15 0.00	43.21 0.17 0.00	47.60 0.14 0.00	47.35 0.00 0.00	46.32 -0.05 0.00	47.12 -0.05 0.00	47.44 -0.10 0.00	47.35 -0.09 0.00	48.47 -0.05 0.00	55.79 0.00 0.00	52.70 0.05 0.00	46.36 0.00 0.00	45.20 -0.23 0.00	42.45 -0.43 0.00	38.51 -0.35 0.00	36.78 -0.22 0.00
BABYLON_RES_REC 323704	46.78 3.12 -4.14	38.98 2.51 0.00	36.23 2.31 0.00	36.47 2.00 0.00	35.58 2.01 0.00	36.12 2.20 -0.10	36.01 2.20 0.00	39.85 2.41 -1.51	43.18 2.73 -2.53	51.27 3.23 -5.01	52.92 4.13 -1.33	53.79 4.26 -2.18	54.42 4.22 -3.83	54.87 4.29 -3.41	54.60 4.37 -2.70	54.92 4.46 -3.01	57.82 4.61 -4.69	66.16 5.41 -4.96	57.33 4.68 0.00	54.40 4.41 -3.63	53.92 4.59 -3.91	52.98 3.86 -6.24	51.29 3.11 -9.33	46.75 2.74 -7.01
BABYLON__69_KV_BK2 356345	47.26 3.60 -4.14	39.39 2.92 0.00	36.60 2.68 0.00	36.85 2.38 0.00	35.95 2.38 0.00	36.49 2.57 -0.10	36.42 2.60 0.00	40.31 2.87 -1.51	43.60 3.15 -2.53	52.00 3.96 -5.01	53.59 4.79 -1.33	54.46 4.92 -2.18	55.07 4.87 -3.83	55.53 4.95 -3.41	55.32 5.09 -2.70	55.63 5.17 -3.01	58.59 5.39 -4.69	67.11 6.36 -4.96	58.12 5.48 0.00	55.00 5.01 -3.63	54.38 5.04 -3.91	53.41 4.29 -6.24	51.79 3.61 -9.33	47.19 3.18 -7.01
BALL_HILL_WT_PWR 323825	38.37 -1.15 0.00	35.81 -0.66 0.00	33.69 -0.24 0.00	34.44 -0.03 0.00	33.40 -0.17 0.00	33.68 -0.13 0.00	33.64 -0.17 0.00	35.86 -0.07 0.00	36.63 -1.29 0.00	40.67 -2.37 0.00	45.42 -2.04 0.00	44.56 -2.79 0.00	43.77 -2.60 0.00	44.43 -2.74 0.00	44.77 -2.76 0.00	44.69 -2.75 0.00	45.51 -3.01 0.00	52.44 -3.35 0.00	49.81 -2.84 0.00	44.04 -2.32 0.00	42.57 -2.86 0.00	40.69 -2.19 0.00	37.11 -1.75 0.00	36.15 -0.85 0.00
BARON_WINDS___WT_PWR 323822	39.09 -0.43 0.00	36.43 -0.04 0.00	34.13 0.20 0.00	34.78 0.31 0.00	33.80 0.24 0.00	34.09 0.27 0.00	34.08 0.27 0.00	36.29 0.36 0.00	37.50 -0.42 0.00	41.96 -1.07 0.00	46.80 -0.66 0.00	46.17 -1.18 0.00	45.31 -1.06 0.00	45.99 -1.18 0.00	46.30 -1.24 0.00	46.26 -1.18 0.00	47.25 -1.26 0.00	54.40 -1.39 0.00	51.60 -1.05 0.00	45.48 -0.88 0.00	44.11 -1.32 0.00	41.89 -0.98 0.00	38.08 -0.78 0.00	36.78 -0.22 0.00
BARRETT_IC_1 23704	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_10 23701	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_11 23702	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_12 23703	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_2 23705	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_3 23706	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_4 23707	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01

BARRETT_IC_5 23708	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_6 23709	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_7 23710	46.23 2.57 -4.14	38.59 2.12 0.00	35.82 1.90 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.83 0.00	39.49 2.05 -1.51	42.73 2.28 -2.53	50.88 2.84 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.84 3.61 -2.69	54.06 3.61 -3.01	56.84 3.64 -4.69	65.10 4.35 -4.96	56.39 3.74 0.00	53.46 3.48 -3.63	52.92 3.59 -3.90	52.16 3.04 -6.24	50.70 2.53 -9.32	46.23 2.22 -7.01
BARRETT_IC_8 23711	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT_IC_9 23700	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT___1 23545	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BARRETT___2 23546	46.23 2.57 -4.14	38.58 2.11 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.64 1.82 0.00	39.45 2.01 -1.51	42.73 2.27 -2.53	50.67 2.63 -5.01	52.16 3.37 -1.33	53.03 3.50 -2.17	53.63 3.43 -3.83	54.02 3.44 -3.40	53.74 3.52 -2.69	54.06 3.60 -3.01	56.85 3.64 -4.69	65.05 4.30 -4.96	56.39 3.74 0.00	53.51 3.52 -3.63	53.10 3.77 -3.90	52.24 3.13 -6.24	50.66 2.49 -9.32	46.23 2.22 -7.01
BATAVIA__115KV_TB1 55881	38.33 -1.19 0.00	35.74 -0.73 0.00	33.31 -0.61 0.00	33.99 -0.48 0.00	33.33 -0.23 0.00	33.65 -0.17 0.00	33.47 -0.34 0.00	35.46 -0.47 0.00	36.48 -1.44 0.00	42.39 -0.65 0.00	45.42 -2.04 0.00	44.65 -2.70 0.00	43.77 -2.60 0.00	44.58 -2.59 0.00	44.68 -2.85 0.00	44.89 -2.56 0.00	45.80 -2.72 0.00	53.00 -2.79 0.00	50.12 -2.53 0.00	44.18 -2.18 0.00	43.11 -2.32 0.00	40.22 -2.66 0.00	37.15 -1.71 0.00	36.04 -0.96 0.00
BAYONEEC___CTG1 323682	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG10 323750	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG2 323683	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG3 323684	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG4 323685	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG5 323686	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG6 323687	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00

BAYONEEC___CTG7 323688	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG8 323689	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BAYONEEC___CTG9 323749	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.84 3.41 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.85 1.85 0.00
BEACON___LESR 323632	40.70 1.18 0.00	37.49 1.02 0.00	34.87 0.95 0.00	35.40 0.93 0.00	34.43 0.87 0.00	34.73 0.91 0.00	34.83 1.01 0.00	36.93 1.00 0.00	39.06 1.14 0.00	44.54 1.51 0.00	49.50 2.04 0.00	49.38 2.03 0.00	48.32 1.95 0.00	49.15 1.98 0.00	49.57 2.04 0.00	49.44 1.99 0.00	50.55 2.04 0.00	58.19 2.40 0.00	54.76 2.11 0.00	48.22 1.86 0.00	47.38 1.95 0.00	44.47 1.59 0.00	39.98 1.13 0.00	38.00 1.00 0.00
BEAVER RIVER___HYD 24048	39.20 -0.32 0.00	36.22 -0.25 0.00	33.69 -0.24 0.00	34.23 -0.24 0.00	33.40 -0.17 0.00	33.68 -0.13 0.00	33.54 -0.27 0.00	35.68 -0.25 0.00	37.81 -0.11 0.00	43.16 0.13 0.00	47.80 0.33 0.00	47.54 0.19 0.00	46.56 0.19 0.00	47.41 0.24 0.00	47.77 0.24 0.00	47.59 0.14 0.00	48.81 0.29 0.00	56.18 0.39 0.00	53.02 0.37 0.00	46.59 0.23 0.00	45.47 0.05 0.00	42.84 -0.04 0.00	38.62 -0.23 0.00	36.70 -0.30 0.00
BEEBEE_GT_13 23619	38.14 -1.38 0.00	35.49 -0.98 0.00	33.01 -0.92 0.00	33.64 -0.83 0.00	32.93 -0.64 0.00	33.21 -0.61 0.00	33.14 -0.68 0.00	35.18 -0.75 0.00	36.48 -1.44 0.00	42.13 -0.90 0.00	45.66 -1.80 0.00	45.12 -2.23 0.00	44.28 -2.09 0.00	45.05 -2.12 0.00	45.25 -2.28 0.00	45.31 -2.14 0.00	46.28 -2.23 0.00	53.39 -2.40 0.00	50.44 -2.21 0.00	44.46 -1.90 0.00	43.43 -2.00 0.00	40.65 -2.23 0.00	37.26 -1.59 0.00	35.89 -1.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.17 2.65 0.00	38.51 2.04 0.00	35.72 1.80 0.00	36.13 1.65 0.00	35.07 1.51 0.00	35.38 1.56 0.00	35.33 1.52 0.00	37.58 1.65 0.00	39.89 1.97 0.00	45.70 2.67 0.00	50.84 3.32 -0.06	50.81 3.46 0.00	49.80 3.43 0.00	50.68 3.49 -0.02	51.30 3.71 -0.06	51.05 3.61 0.00	52.31 3.74 -0.06	60.27 4.46 -0.02	56.60 3.95 0.00	50.08 3.66 -0.06	49.25 3.77 -0.06	46.06 3.13 -0.06	41.63 2.72 -0.06	39.33 2.33 0.00
BETHLEHEM___GRP 23843	39.91 0.40 0.00	36.80 0.33 0.00	34.23 0.31 0.00	34.78 0.31 0.00	33.80 0.23 0.00	34.06 0.24 0.00	34.15 0.34 0.00	36.22 0.29 0.00	38.26 0.34 0.00	43.68 0.65 0.00	48.36 0.90 0.00	48.34 0.99 0.00	47.30 0.93 0.00	48.11 0.94 0.00	48.53 1.00 0.00	48.44 1.00 0.00	49.49 0.97 0.00	57.02 1.23 0.00	53.65 1.00 0.00	47.24 0.88 0.00	46.34 0.91 0.00	43.52 0.64 0.00	39.24 0.39 0.00	37.30 0.30 0.00
BETHLEHEM___GS1 323560	39.91 0.40 0.00	36.80 0.33 0.00	34.23 0.30 0.00	34.74 0.27 0.00	33.80 0.24 0.00	34.06 0.24 0.00	34.15 0.34 0.00	36.22 0.29 0.00	38.22 0.30 0.00	43.59 0.56 0.00	48.36 0.90 0.00	48.35 1.00 0.00	47.30 0.93 0.00	48.11 0.94 0.00	48.53 1.00 0.00	48.45 1.00 0.00	49.49 0.97 0.00	56.96 1.17 0.00	53.65 1.00 0.00	47.24 0.88 0.00	46.43 1.00 0.00	43.61 0.73 0.00	39.24 0.39 0.00	37.29 0.29 0.00
BETHLEHEM___GS2 323561	39.91 0.40 0.00	36.80 0.33 0.00	34.23 0.30 0.00	34.74 0.27 0.00	33.80 0.24 0.00	34.06 0.24 0.00	34.15 0.34 0.00	36.22 0.29 0.00	38.22 0.30 0.00	43.59 0.56 0.00	48.36 0.90 0.00	48.35 1.00 0.00	47.30 0.93 0.00	48.11 0.94 0.00	48.53 1.00 0.00	48.45 1.00 0.00	49.49 0.97 0.00	56.96 1.17 0.00	53.65 1.00 0.00	47.24 0.88 0.00	46.43 1.00 0.00	43.61 0.73 0.00	39.24 0.39 0.00	37.29 0.29 0.00
BETHLEHEM___GS3 323562	39.91 0.40 0.00	36.80 0.33 0.00	34.23 0.30 0.00	34.74 0.27 0.00	33.80 0.24 0.00	34.06 0.24 0.00	34.15 0.34 0.00	36.22 0.29 0.00	38.22 0.30 0.00	43.59 0.56 0.00	48.36 0.90 0.00	48.35 1.00 0.00	47.30 0.93 0.00	48.11 0.94 0.00	48.53 1.00 0.00	48.45 1.00 0.00	49.49 0.97 0.00	56.96 1.17 0.00	53.65 1.00 0.00	47.24 0.88 0.00	46.43 1.00 0.00	43.61 0.73 0.00	39.24 0.39 0.00	37.29 0.29 0.00
BETHLEHEM___STEEL 23779	38.21 -1.30 0.00	35.70 -0.77 0.00	33.25 -0.68 0.00	33.95 -0.52 0.00	33.33 -0.23 0.00	33.58 -0.24 0.00	33.51 -0.30 0.00	35.46 -0.47 0.00	36.36 -1.55 0.00	42.17 -0.86 0.00	45.13 -2.33 0.00	44.22 -3.13 0.00	43.49 -2.87 0.00	44.15 -3.02 0.00	44.25 -3.28 0.00	44.46 -2.99 0.00	45.27 -3.25 0.00	52.44 -3.35 0.00	49.49 -3.16 0.00	43.72 -2.64 0.00	42.70 -2.73 0.00	39.88 -3.00 0.00	36.99 -1.87 0.00	36.04 -0.96 0.00
BETHLHEM_115KV_TB1 79974	40.03 0.51 0.00	36.91 0.44 0.00	34.33 0.41 0.00	34.85 0.38 0.00	33.90 0.34 0.00	34.16 0.34 0.00	34.25 0.44 0.00	36.33 0.40 0.00	38.37 0.46 0.00	43.81 0.77 0.00	48.50 1.04 0.00	48.44 1.09 0.00	47.44 1.07 0.00	48.26 1.08 0.00	48.67 1.14 0.00	48.54 1.09 0.00	49.63 1.12 0.00	57.13 1.34 0.00	53.75 1.11 0.00	47.33 0.97 0.00	46.47 1.04 0.00	43.65 0.77 0.00	39.36 0.51 0.00	37.41 0.41 0.00
BETHPAGE_CC_5 323564	46.63 2.97 -4.14	38.84 2.37 0.00	36.06 2.14 0.00	36.37 1.89 0.00	35.44 1.88 0.00	35.95 2.03 -0.10	35.88 2.06 0.00	39.70 2.26 -1.51	43.03 2.58 -2.53	51.01 2.97 -5.01	52.54 3.75 -1.33	53.41 3.88 -2.18	54.05 3.85 -3.83	54.49 3.91 -3.41	54.22 3.99 -2.70	54.49 4.03 -3.01	57.33 4.12 -4.69	65.55 4.80 -4.96	56.86 4.21 0.00	53.98 3.99 -3.63	53.47 4.13 -3.91	52.59 3.47 -6.24	50.98 2.80 -9.32	46.49 2.48 -7.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.41 -1.11 0.00	35.85 -0.62 0.00	33.41 -0.51 0.00	34.09 -0.38 0.00	33.46 -0.10 0.00	33.75 -0.07 0.00	33.68 -0.14 0.00	35.64 -0.29 0.00	36.59 -1.33 0.00	42.39 -0.65 0.00	45.37 -2.09 0.00	44.51 -2.84 0.00	43.73 -2.64 0.00	44.43 -2.74 0.00	44.54 -2.99 0.00	44.70 -2.75 0.00	45.56 -2.96 0.00	52.78 -3.01 0.00	49.81 -2.84 0.00	43.95 -2.41 0.00	42.93 -2.50 0.00	40.13 -2.74 0.00	37.18 -1.67 0.00	36.22 -0.78 0.00

BINGHAMTON___COGEN 23790	39.60 0.08 0.00	36.65 0.18 0.00	34.09 0.17 0.00	34.68 0.21 0.00	33.83 0.27 0.00	34.09 0.27 0.00	34.12 0.30 0.00	36.25 0.32 0.00	38.03 0.11 0.00	43.46 0.43 0.00	47.75 0.28 0.00	47.49 0.14 0.00	46.51 0.14 0.00	47.31 0.14 0.00	47.63 0.10 0.00	47.59 0.14 0.00	48.66 0.15 0.00	56.07 0.28 0.00	52.86 0.21 0.00	46.55 0.19 0.00	45.47 0.05 0.00	42.71 -0.17 0.00	38.82 -0.04 0.00	37.15 0.15 0.00
BIXINCNT_115KV_LOAD 355685	39.01 -0.51 0.00	36.47 0.00 0.00	34.03 0.10 0.00	34.71 0.24 0.00	34.07 0.50 0.00	34.33 0.51 0.00	34.32 0.51 0.00	36.33 0.40 0.00	37.35 -0.57 0.00	43.08 0.04 0.00	46.13 -1.33 0.00	45.22 -2.13 0.00	44.38 -1.99 0.00	45.00 -2.17 0.00	45.11 -2.42 0.00	45.31 -2.14 0.00	46.28 -2.23 0.00	53.95 -1.84 0.00	50.96 -1.68 0.00	44.88 -1.48 0.00	43.75 -1.68 0.00	40.95 -1.93 0.00	37.96 -0.89 0.00	36.93 -0.07 0.00
BLACK RIVER___HYD 24047	39.28 -0.24 0.00	36.29 -0.18 0.00	33.75 -0.17 0.00	34.30 -0.17 0.00	33.43 -0.13 0.00	33.75 -0.07 0.00	33.54 -0.27 0.00	35.75 -0.18 0.00	37.88 -0.04 0.00	43.34 0.30 0.00	48.12 0.66 0.00	47.82 0.47 0.00	46.79 0.42 0.00	47.69 0.52 0.00	48.06 0.52 0.00	47.83 0.38 0.00	49.10 0.58 0.00	56.57 0.78 0.00	53.39 0.74 0.00	46.92 0.56 0.00	45.70 0.27 0.00	43.01 0.13 0.00	38.66 -0.19 0.00	36.74 -0.26 0.00
BLACKRVR_115KV_TB2 79977	39.28 -0.24 0.00	36.29 -0.18 0.00	33.72 -0.20 0.00	34.30 -0.17 0.00	33.43 -0.13 0.00	33.75 -0.07 0.00	33.54 -0.27 0.00	35.75 -0.18 0.00	37.88 -0.04 0.00	43.46 0.43 0.00	48.12 0.66 0.00	47.82 0.47 0.00	46.79 0.42 0.00	47.69 0.52 0.00	48.01 0.48 0.00	47.83 0.38 0.00	49.15 0.63 0.00	56.63 0.84 0.00	53.39 0.74 0.00	46.92 0.56 0.00	45.75 0.32 0.00	42.96 0.09 0.00	38.66 -0.19 0.00	36.74 -0.26 0.00
BLISS_WT_PWR 323608	39.00 -0.51 0.00	36.47 0.00 0.00	34.40 0.47 0.00	35.09 0.62 0.00	34.10 0.54 0.00	34.36 0.54 0.00	34.35 0.54 0.00	36.54 0.61 0.00	37.39 -0.53 0.00	41.49 -1.55 0.00	46.13 -1.33 0.00	45.22 -2.13 0.00	44.38 -1.99 0.00	44.95 -2.22 0.00	45.25 -2.28 0.00	45.27 -2.18 0.00	46.24 -2.28 0.00	53.67 -2.12 0.00	51.02 -1.63 0.00	45.01 -1.35 0.00	43.52 -1.91 0.00	41.68 -1.20 0.00	38.00 -0.85 0.00	36.93 -0.07 0.00
BLUESTONE___WT_PWR 323821	41.93 2.41 0.00	38.84 2.37 0.00	36.13 2.20 0.00	36.71 2.24 0.00	35.78 2.21 0.00	36.12 2.30 0.00	35.94 2.13 0.00	38.37 2.44 0.00	40.42 2.50 0.00	46.05 3.01 0.00	51.40 3.94 0.00	51.09 3.74 0.00	50.03 3.66 0.00	50.85 3.68 0.00	51.24 3.71 0.00	50.91 3.46 0.00	52.25 3.74 0.00	60.08 4.30 0.00	56.70 4.05 0.00	49.84 3.48 0.00	48.47 3.04 0.00	45.62 2.75 0.00	40.99 2.14 0.00	39.15 2.15 0.00
BLUE_CIRC_CHEM_DRP 24182	40.59 1.07 0.00	37.42 0.95 0.00	34.81 0.88 0.00	35.37 0.90 0.00	34.40 0.84 0.00	34.63 0.81 0.00	34.66 0.85 0.00	36.79 0.86 0.00	38.87 0.95 0.00	44.37 1.33 0.00	49.12 1.66 0.00	49.05 1.70 0.00	47.99 1.62 0.00	48.82 1.65 0.00	49.24 1.71 0.00	49.11 1.66 0.00	50.21 1.70 0.00	57.80 2.01 0.00	54.39 1.74 0.00	47.89 1.53 0.00	46.97 1.54 0.00	44.12 1.24 0.00	39.83 0.97 0.00	37.89 0.89 0.00
BOC_GAS_DRP 24189	40.31 0.79 0.00	37.16 0.69 0.00	34.53 0.61 0.00	35.09 0.62 0.00	34.13 0.57 0.00	34.39 0.57 0.00	34.42 0.61 0.00	36.54 0.61 0.00	38.60 0.68 0.00	44.07 1.03 0.00	48.74 1.28 0.00	48.68 1.33 0.00	47.67 1.30 0.00	48.49 1.32 0.00	48.86 1.33 0.00	48.78 1.33 0.00	49.87 1.36 0.00	57.41 1.62 0.00	54.07 1.42 0.00	47.61 1.25 0.00	46.70 1.27 0.00	43.91 1.03 0.00	39.63 0.78 0.00	37.67 0.67 0.00
BOONVILLE_115KV_TB1 79983	40.11 0.59 0.00	37.05 0.58 0.00	34.43 0.51 0.00	34.99 0.52 0.00	34.10 0.54 0.00	34.43 0.61 0.00	34.32 0.51 0.00	36.50 0.57 0.00	38.64 0.72 0.00	44.20 1.16 0.00	48.93 1.47 0.00	48.68 1.33 0.00	47.71 1.34 0.00	48.54 1.37 0.00	48.91 1.38 0.00	48.73 1.28 0.00	49.92 1.41 0.00	57.41 1.62 0.00	54.12 1.47 0.00	47.61 1.25 0.00	46.47 1.04 0.00	43.74 0.86 0.00	39.44 0.58 0.00	37.52 0.52 0.00
BORALEX_4TH_BRANCH 23824	41.42 1.90 0.00	38.37 1.90 0.00	35.48 1.56 0.00	36.16 1.69 0.00	35.17 1.61 0.00	35.44 1.62 0.00	35.50 1.69 0.00	37.73 1.80 0.00	39.89 1.97 0.00	45.57 2.54 0.00	50.45 2.99 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.14 2.97 0.00	50.53 2.99 0.00	50.48 3.04 0.00	51.62 3.11 0.00	59.53 3.74 0.00	56.02 3.37 0.00	49.33 2.97 0.00	48.38 2.95 0.00	45.41 2.53 0.00	40.95 2.10 0.00	38.92 1.92 0.00
BOWLINE___1 23526	41.22 1.70 0.00	37.67 1.20 0.00	34.98 1.05 0.00	35.40 0.93 0.00	34.40 0.84 0.00	34.73 0.91 0.00	34.79 0.98 0.00	37.01 1.08 0.00	39.25 1.33 0.00	44.67 1.63 0.00	49.69 2.23 0.00	49.72 2.37 0.00	48.69 2.32 0.00	49.53 2.36 0.00	49.96 2.42 0.00	49.91 2.47 0.00	51.04 2.52 0.00	58.74 2.95 0.00	55.33 2.68 0.00	48.77 2.41 0.00	48.06 2.63 0.00	44.89 2.02 0.00	40.41 1.56 0.00	38.29 1.29 0.00
BOWLINE___2 23595	41.22 1.70 0.00	37.71 1.24 0.00	35.04 1.12 0.00	35.47 1.00 0.00	34.47 0.91 0.00	34.80 0.98 0.00	34.86 1.05 0.00	37.05 1.12 0.00	39.28 1.36 0.00	44.76 1.72 0.00	49.74 2.28 0.00	49.81 2.46 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.00 2.47 0.00	50.01 2.56 0.00	51.09 2.57 0.00	58.85 3.07 0.00	55.39 2.74 0.00	48.86 2.50 0.00	48.11 2.68 0.00	44.98 2.10 0.00	40.45 1.59 0.00	38.37 1.37 0.00
BRADY___115KV_TB2 356060	39.80 0.28 0.00	36.76 0.29 0.00	34.33 0.41 0.00	34.92 0.45 0.00	34.03 0.47 0.00	34.29 0.47 0.00	34.22 0.41 0.00	36.22 0.29 0.00	38.34 0.42 0.00	43.08 0.04 0.00	47.51 0.05 0.00	47.40 0.05 0.00	46.37 0.00 0.00	47.27 0.09 0.00	47.53 0.00 0.00	47.45 0.00 0.00	48.56 0.05 0.00	55.62 -0.17 0.00	52.75 0.11 0.00	46.41 0.05 0.00	45.52 0.09 0.00	43.26 0.39 0.00	39.24 0.39 0.00	37.37 0.37 0.00
BRANSCOMB___SOLAR 323811	41.30 1.78 0.00	38.07 1.60 0.00	35.31 1.39 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.14 1.32 0.00	35.20 1.39 0.00	37.33 1.40 0.00	39.55 1.63 0.00	45.18 2.15 0.00	50.21 2.75 0.00	50.19 2.84 0.00	49.06 2.69 0.00	49.86 2.69 0.00	50.24 2.71 0.00	50.10 2.66 0.00	51.28 2.76 0.00	59.02 3.23 0.00	55.60 2.95 0.00	48.91 2.55 0.00	48.02 2.59 0.00	44.98 2.10 0.00	40.45 1.59 0.00	38.44 1.44 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.02 3.36 -4.14	39.21 2.74 0.00	36.43 2.51 0.00	36.68 2.21 0.00	35.78 2.22 0.00	36.35 2.44 -0.10	36.25 2.43 0.00	40.13 2.69 -1.51	43.41 2.96 -2.53	51.74 3.70 -5.01	53.30 4.51 -1.33	54.12 4.59 -2.18	54.75 4.54 -3.83	55.21 4.62 -3.41	54.98 4.75 -2.70	55.30 4.84 -3.02	58.20 5.00 -4.69	66.56 5.80 -4.96	57.65 5.00 0.00	54.63 4.64 -3.63	54.11 4.77 -3.91	53.15 4.03 -6.24	51.56 3.38 -9.33	47.01 3.00 -7.01

BRISTLHL_115KV_TB1 79998	38.37 -1.15 0.00	35.49 -0.98 0.00	32.97 -0.95 0.00	33.54 -0.93 0.00	32.66 -0.91 0.00	32.91 -0.91 0.00	32.90 -0.91 0.00	35.00 -0.93 0.00	36.86 -1.06 0.00	42.13 -0.90 0.00	46.46 -1.00 0.00	46.31 -1.04 0.00	45.30 -1.07 0.00	46.09 -1.08 0.00	46.39 -1.14 0.00	46.31 -1.14 0.00	47.35 -1.16 0.00	54.51 -1.28 0.00	51.44 -1.21 0.00	45.25 -1.11 0.00	44.25 -1.18 0.00	41.59 -1.29 0.00	37.69 -1.17 0.00	35.96 -1.04 0.00
BROOKHAVEN___DRP 24191	47.14 3.48 -4.14	39.28 2.81 0.00	36.50 2.58 0.00	36.71 2.24 0.00	35.85 2.28 0.00	36.42 2.50 -0.10	36.31 2.50 0.00	40.24 2.80 -1.51	43.48 3.03 -2.53	51.79 3.74 -5.01	53.49 4.70 -1.33	54.27 4.74 -2.18	54.89 4.68 -3.83	55.35 4.76 -3.41	55.13 4.90 -2.70	55.45 4.98 -3.02	58.49 5.29 -4.69	66.72 5.97 -4.96	57.70 5.05 0.00	54.44 4.45 -3.63	54.20 4.86 -3.91	53.28 4.16 -6.24	51.68 3.50 -9.33	47.08 3.07 -7.01
BROOKLYN_NAVY_YARD 23515	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.74 1.17 0.00	35.10 1.28 0.00	35.17 1.35 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.40 2.94 0.00	50.47 3.12 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.77 3.23 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.75 3.96 0.00	56.18 3.53 0.00	49.61 3.24 0.00	48.97 3.55 0.00	45.71 2.83 0.00	41.11 2.25 0.00	38.85 1.85 0.00
BROOKLYN___ARMY_DRP 323595	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
BROOKVLE_69_KV_TB1 55790	46.71 3.04 -4.14	38.91 2.44 0.00	36.13 2.21 0.00	36.44 1.96 0.00	35.51 1.95 0.00	36.05 2.13 -0.10	35.94 2.13 0.00	39.81 2.37 -1.51	43.14 2.69 -2.53	51.49 3.44 -5.01	52.68 3.89 -1.33	53.55 4.02 -2.18	54.19 3.99 -3.83	54.59 4.01 -3.41	54.36 4.14 -2.69	54.59 4.13 -3.01	57.43 4.22 -4.69	65.83 5.08 -4.96	57.02 4.37 0.00	54.02 4.03 -3.63	53.33 4.00 -3.91	52.55 3.43 -6.24	51.21 3.03 -9.32	46.67 2.66 -7.01
BROOME_2_LFGE 323671	39.60 0.08 0.00	36.65 0.18 0.00	34.16 0.24 0.00	34.74 0.27 0.00	33.83 0.27 0.00	34.09 0.27 0.00	34.12 0.30 0.00	36.29 0.36 0.00	38.03 0.11 0.00	42.99 -0.04 0.00	47.80 0.33 0.00	47.49 0.14 0.00	46.56 0.19 0.00	47.31 0.14 0.00	47.68 0.14 0.00	47.59 0.14 0.00	48.61 0.10 0.00	55.96 0.17 0.00	52.86 0.21 0.00	46.59 0.23 0.00	45.43 0.00 0.00	42.92 0.04 0.00	38.82 -0.04 0.00	37.15 0.15 0.00
BROOME___LFGE 323600	39.60 0.08 0.00	36.65 0.18 0.00	34.16 0.24 0.00	34.74 0.27 0.00	33.83 0.27 0.00	34.09 0.27 0.00	34.12 0.30 0.00	36.29 0.36 0.00	38.03 0.11 0.00	42.99 -0.04 0.00	47.80 0.33 0.00	47.49 0.14 0.00	46.56 0.19 0.00	47.31 0.14 0.00	47.68 0.14 0.00	47.59 0.14 0.00	48.61 0.10 0.00	55.96 0.17 0.00	52.86 0.21 0.00	46.59 0.23 0.00	45.43 0.00 0.00	42.92 0.04 0.00	38.82 -0.04 0.00	37.15 0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	38.77 -0.75 0.00	35.81 -0.66 0.00	33.38 -0.54 0.00	33.92 -0.55 0.00	33.06 -0.50 0.00	33.38 -0.44 0.00	33.24 -0.57 0.00	35.28 -0.65 0.00	37.39 -0.53 0.00	42.39 -0.65 0.00	46.84 -0.62 0.00	46.69 -0.66 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.87 -0.67 0.00	46.74 -0.71 0.00	47.89 -0.63 0.00	55.01 -0.78 0.00	52.02 -0.63 0.00	45.76 -0.60 0.00	44.75 -0.68 0.00	42.32 -0.56 0.00	38.23 -0.62 0.00	36.33 -0.67 0.00
BROWNSV1_27_KV_LOAD 356125	42.01 2.49 0.00	38.44 1.97 0.00	35.65 1.73 0.00	36.06 1.59 0.00	35.04 1.48 0.00	35.38 1.56 0.00	35.40 1.59 0.00	37.69 1.76 0.00	40.00 2.09 0.00	45.79 2.75 0.00	50.74 3.27 0.00	50.81 3.46 0.00	49.80 3.43 0.00	50.66 3.49 0.00	51.14 3.61 0.00	51.05 3.61 0.00	52.20 3.69 0.00	60.20 4.41 0.00	56.55 3.90 0.00	49.88 3.52 0.00	49.06 3.63 0.00	45.92 3.04 0.00	41.42 2.56 0.00	39.18 2.18 0.00
BURROWS___LYONSDAL 23803	39.91 0.40 0.00	36.87 0.40 0.00	34.30 0.37 0.00	34.85 0.38 0.00	33.97 0.40 0.00	34.26 0.44 0.00	34.15 0.34 0.00	36.36 0.43 0.00	38.49 0.57 0.00	44.02 0.99 0.00	48.69 1.23 0.00	48.49 1.14 0.00	47.48 1.11 0.00	48.35 1.18 0.00	48.67 1.14 0.00	48.49 1.04 0.00	49.73 1.21 0.00	57.18 1.39 0.00	53.91 1.26 0.00	47.43 1.07 0.00	46.29 0.86 0.00	43.56 0.69 0.00	39.28 0.43 0.00	37.37 0.37 0.00
CAITHNESS_CC_1 323624	47.02 3.36 -4.14	39.17 2.70 0.00	36.40 2.48 0.00	36.61 2.14 0.00	35.74 2.18 0.00	36.32 2.40 -0.10	36.21 2.40 0.00	40.06 2.62 -1.51	43.37 2.92 -2.53	51.44 3.40 -5.01	53.35 4.56 -1.33	54.08 4.55 -2.18	54.70 4.50 -3.83	55.16 4.57 -3.41	54.89 4.66 -2.70	55.25 4.79 -3.02	58.25 5.05 -4.69	66.45 5.69 -4.96	57.55 4.90 0.00	54.40 4.41 -3.63	54.20 4.86 -3.91	53.24 4.12 -6.24	51.52 3.34 -9.33	46.97 2.96 -7.01
CALPINE BETH_PAGE_GT4 24209	46.51 2.85 -4.14	38.77 2.30 0.00	35.99 2.07 0.00	36.26 1.79 0.00	35.34 1.78 0.00	35.88 1.96 -0.10	35.81 1.99 0.00	39.67 2.23 -1.51	42.95 2.50 -2.53	51.19 3.14 -5.01	52.54 3.75 -1.33	53.41 3.88 -2.18	54.05 3.85 -3.83	54.50 3.92 -3.41	54.27 4.04 -2.70	54.49 4.03 -3.01	57.33 4.12 -4.69	65.61 4.85 -4.96	56.86 4.21 0.00	53.89 3.89 -3.63	53.29 3.95 -3.91	52.46 3.34 -6.24	50.98 2.80 -9.32	46.45 2.44 -7.01
CALPINE_BETH_PAGE_GT_4 323586	46.51 2.85 -4.14	38.77 2.30 0.00	35.99 2.07 0.00	36.26 1.79 0.00	35.34 1.78 0.00	35.88 1.96 -0.10	35.81 1.99 0.00	39.59 2.16 -1.51	42.95 2.50 -2.53	51.01 2.97 -5.01	52.54 3.75 -1.33	53.41 3.88 -2.18	54.01 3.80 -3.83	54.45 3.87 -3.41	54.17 3.94 -2.70	54.49 4.03 -3.01	57.33 4.12 -4.69	65.55 4.80 -4.96	56.86 4.21 0.00	53.93 3.94 -3.63	53.47 4.13 -3.91	52.59 3.47 -6.24	50.94 2.76 -9.32	46.45 2.44 -7.01
CALPINE_BP_GT1 23823	46.51 2.85 -4.14	38.77 2.30 0.00	35.99 2.07 0.00	36.26 1.79 0.00	35.34 1.78 0.00	35.88 1.96 -0.10	35.81 1.99 0.00	39.59 2.16 -1.51	42.95 2.50 -2.53	51.01 2.97 -5.01	52.54 3.75 -1.33	53.41 3.88 -2.18	54.01 3.80 -3.83	54.45 3.87 -3.41	54.17 3.94 -2.70	54.49 4.03 -3.01	57.33 4.12 -4.69	65.55 4.80 -4.96	56.86 4.21 0.00	53.93 3.94 -3.63	53.47 4.13 -3.91	52.59 3.47 -6.24	50.94 2.76 -9.32	46.45 2.44 -7.01
CALSPAN___DRP 24200	38.21 -1.30 0.00	35.70 -0.77 0.00	33.25 -0.68 0.00	33.95 -0.52 0.00	33.33 -0.23 0.00	33.58 -0.24 0.00	33.51 -0.30 0.00	35.46 -0.47 0.00	36.36 -1.55 0.00	42.17 -0.86 0.00	45.13 -2.33 0.00	44.22 -3.13 0.00	43.49 -2.87 0.00	44.15 -3.02 0.00	44.25 -3.28 0.00	44.46 -2.99 0.00	45.27 -3.25 0.00	52.44 -3.35 0.00	49.49 -3.16 0.00	43.72 -2.64 0.00	42.70 -2.73 0.00	39.88 -3.00 0.00	36.99 -1.87 0.00	36.04 -0.96 0.00

CALVERTON___SOLAR 323806	47.30 3.63 -4.14	39.42 2.95 0.00	36.64 2.71 0.00	36.85 2.38 0.00	35.98 2.42 0.00	36.56 2.64 -0.10	36.45 2.64 0.00	40.35 2.91 -1.51	43.64 3.19 -2.53	51.75 3.70 -5.01	53.73 4.94 -1.33	54.46 4.92 -2.18	55.07 4.87 -3.83	55.53 4.95 -3.41	55.27 5.04 -2.70	55.68 5.22 -3.02	58.73 5.53 -4.69	66.95 6.19 -4.96	57.96 5.32 0.00	54.67 4.68 -3.63	54.61 5.27 -3.91	53.62 4.50 -6.24	51.83 3.65 -9.33	47.23 3.22 -7.01
CANDIGU_WT_PWR 323617	39.09 -0.43 0.00	36.43 -0.04 0.00	34.13 0.20 0.00	34.78 0.31 0.00	33.80 0.24 0.00	34.09 0.27 0.00	34.08 0.27 0.00	36.29 0.36 0.00	37.50 -0.42 0.00	41.96 -1.07 0.00	46.80 -0.66 0.00	46.17 -1.18 0.00	45.31 -1.06 0.00	45.99 -1.18 0.00	46.30 -1.24 0.00	46.26 -1.18 0.00	47.25 -1.26 0.00	54.40 -1.39 0.00	51.60 -1.05 0.00	45.48 -0.88 0.00	44.11 -1.32 0.00	41.89 -0.98 0.00	38.08 -0.78 0.00	36.78 -0.22 0.00
CARR STREET_E_SYR 24060	38.49 -1.03 0.00	35.59 -0.88 0.00	33.14 -0.78 0.00	33.71 -0.76 0.00	32.79 -0.77 0.00	33.04 -0.78 0.00	33.04 -0.78 0.00	35.14 -0.79 0.00	36.97 -0.95 0.00	41.91 -1.12 0.00	46.61 -0.85 0.00	46.40 -0.95 0.00	45.44 -0.93 0.00	46.18 -0.99 0.00	46.58 -0.95 0.00	46.45 -1.00 0.00	47.45 -1.07 0.00	54.56 -1.23 0.00	51.54 -1.11 0.00	45.39 -0.98 0.00	44.34 -1.09 0.00	41.85 -1.03 0.00	37.81 -1.05 0.00	36.08 -0.92 0.00
CARTHAGE___PAPER 23857	39.16 -0.36 0.00	36.14 -0.33 0.00	33.65 -0.27 0.00	34.19 -0.28 0.00	33.36 -0.20 0.00	33.65 -0.17 0.00	33.51 -0.30 0.00	35.68 -0.25 0.00	37.81 -0.11 0.00	43.21 0.17 0.00	47.84 0.38 0.00	47.54 0.19 0.00	46.56 0.19 0.00	47.46 0.28 0.00	47.77 0.24 0.00	47.59 0.14 0.00	48.90 0.39 0.00	56.29 0.50 0.00	53.18 0.53 0.00	46.69 0.33 0.00	45.52 0.09 0.00	42.88 0.00 0.00	38.58 -0.27 0.00	36.67 -0.33 0.00
CASSADAGA_WT_PWR 323784	39.52 0.00 0.00	36.91 0.44 0.00	34.70 0.78 0.00	35.47 1.00 0.00	34.37 0.80 0.00	34.67 0.85 0.00	34.62 0.81 0.00	36.97 1.04 0.00	37.81 -0.11 0.00	42.00 -1.03 0.00	46.80 -0.66 0.00	45.98 -1.37 0.00	45.02 -1.35 0.00	45.76 -1.41 0.00	45.96 -1.57 0.00	45.83 -1.61 0.00	46.67 -1.84 0.00	53.78 -2.01 0.00	51.02 -1.63 0.00	45.01 -1.35 0.00	43.52 -1.91 0.00	41.55 -1.33 0.00	37.84 -1.01 0.00	36.89 -0.11 0.00
CE_DUNWOOD___DRP 24194	41.53 2.02 0.00	38.04 1.57 0.00	35.31 1.39 0.00	35.75 1.28 0.00	34.74 1.17 0.00	35.07 1.25 0.00	35.10 1.28 0.00	37.40 1.47 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.21 2.75 0.00	50.29 2.94 0.00	49.24 2.87 0.00	50.10 2.92 0.00	50.57 3.04 0.00	50.48 3.04 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.91 3.26 0.00	49.28 2.92 0.00	48.43 3.00 0.00	45.32 2.44 0.00	40.84 1.98 0.00	38.70 1.70 0.00
CE_MILLWOOD___DRP 24193	41.46 1.94 0.00	37.97 1.50 0.00	35.25 1.32 0.00	35.68 1.21 0.00	34.67 1.11 0.00	35.00 1.18 0.00	35.06 1.25 0.00	37.33 1.40 0.00	39.55 1.63 0.00	45.23 2.19 0.00	50.12 2.66 0.00	50.19 2.84 0.00	49.15 2.78 0.00	50.00 2.83 0.00	50.43 2.90 0.00	50.39 2.94 0.00	51.48 2.96 0.00	59.30 3.51 0.00	55.81 3.16 0.00	49.19 2.83 0.00	48.29 2.86 0.00	45.24 2.36 0.00	40.76 1.90 0.00	38.63 1.63 0.00
CE_NYC2_DRP 24202	41.85 2.33 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.17 1.35 0.00	37.37 1.44 0.00	39.66 1.74 0.00	45.36 2.32 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.81 3.28 0.00	50.63 3.18 0.00	51.82 3.30 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.56 3.20 0.00	48.74 3.32 0.00	45.62 2.74 0.00	41.22 2.37 0.00	39.04 2.04 0.00
CE_NYC_DRP 24195	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.82 3.30 0.00	59.69 3.91 0.00	56.12 3.47 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
CHAFFEE___LFGE 323603	38.33 -1.18 0.00	35.81 -0.66 0.00	33.69 -0.24 0.00	34.40 -0.07 0.00	33.40 -0.17 0.00	33.68 -0.13 0.00	33.58 -0.24 0.00	35.79 -0.14 0.00	36.56 -1.36 0.00	40.58 -2.45 0.00	45.37 -2.09 0.00	44.51 -2.84 0.00	43.73 -2.64 0.00	44.39 -2.78 0.00	44.77 -2.76 0.00	44.69 -2.75 0.00	45.51 -3.01 0.00	52.44 -3.35 0.00	49.81 -2.84 0.00	44.04 -2.32 0.00	42.57 -2.86 0.00	40.69 -2.19 0.00	37.15 -1.71 0.00	36.15 -0.85 0.00
CHATEAUG_35_KV_LOAD 355732	40.59 1.07 0.00	37.45 0.98 0.00	34.77 0.85 0.00	35.40 0.93 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.73 0.91 0.00	36.97 1.04 0.00	39.17 1.25 0.00	43.98 0.95 0.00	48.08 0.62 0.00	47.92 0.57 0.00	47.07 0.70 0.00	47.78 0.61 0.00	48.06 0.52 0.00	48.06 0.62 0.00	49.20 0.68 0.00	56.18 0.39 0.00	53.44 0.79 0.00	47.33 0.97 0.00	46.65 1.23 0.00	44.21 1.33 0.00	40.18 1.32 0.00	38.30 1.30 0.00
CHATEAUG_WT_PWR 323614	40.39 0.87 0.00	37.27 0.80 0.00	34.64 0.71 0.00	35.23 0.76 0.00	34.37 0.80 0.00	34.67 0.85 0.00	34.59 0.78 0.00	36.83 0.90 0.00	39.02 1.10 0.00	44.24 1.20 0.00	47.84 0.38 0.00	47.73 0.38 0.00	46.88 0.51 0.00	47.59 0.42 0.00	47.87 0.34 0.00	47.87 0.43 0.00	48.95 0.44 0.00	56.01 0.22 0.00	53.18 0.53 0.00	46.73 0.37 0.00	45.84 0.41 0.00	43.91 1.03 0.00	40.06 1.21 0.00	38.18 1.18 0.00
CHAT_HIGH_FALL_HYD 323578	40.59 1.07 0.00	37.45 0.98 0.00	34.77 0.85 0.00	35.40 0.93 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.73 0.91 0.00	36.97 1.04 0.00	39.17 1.25 0.00	43.98 0.95 0.00	48.08 0.62 0.00	47.92 0.57 0.00	47.07 0.70 0.00	47.78 0.61 0.00	48.06 0.52 0.00	48.06 0.62 0.00	49.20 0.68 0.00	56.18 0.39 0.00	53.44 0.79 0.00	47.33 0.97 0.00	46.65 1.23 0.00	44.21 1.33 0.00	40.18 1.32 0.00	38.30 1.30 0.00
CHAUTAUQUA___LFGE 323629	38.81 -0.71 0.00	36.25 -0.22 0.00	34.09 0.17 0.00	34.82 0.34 0.00	33.77 0.20 0.00	34.06 0.24 0.00	33.98 0.17 0.00	36.25 0.32 0.00	37.05 -0.87 0.00	41.23 -1.81 0.00	45.99 -1.47 0.00	45.17 -2.18 0.00	44.33 -2.04 0.00	45.05 -2.12 0.00	45.35 -2.19 0.00	45.27 -2.18 0.00	46.09 -2.42 0.00	53.11 -2.68 0.00	50.39 -2.26 0.00	44.55 -1.81 0.00	43.06 -2.36 0.00	41.12 -1.76 0.00	37.49 -1.36 0.00	36.48 -0.52 0.00
CHERRYST_13_KV_LD 356241	41.81 2.29 0.00	38.26 1.79 0.00	35.48 1.56 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.21 1.39 0.00	35.23 1.42 0.00	37.55 1.62 0.00	39.81 1.90 0.00	45.57 2.54 0.00	50.50 3.04 0.00	50.57 3.22 0.00	49.57 3.20 0.00	50.43 3.25 0.00	50.91 3.37 0.00	50.82 3.37 0.00	51.91 3.40 0.00	59.86 4.07 0.00	56.28 3.63 0.00	49.61 3.25 0.00	48.79 3.36 0.00	45.67 2.79 0.00	41.19 2.33 0.00	39.00 2.00 0.00

CHESTROR_138KV_BK263 355645	41.10 1.58 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.47 1.00 0.00	34.47 0.91 0.00	34.80 0.98 0.00	34.79 0.98 0.00	37.04 1.11 0.00	39.17 1.25 0.00	44.71 1.68 0.00	49.55 2.09 0.00	49.58 2.23 0.00	48.55 2.18 0.00	49.39 2.22 0.00	49.86 2.33 0.00	49.77 2.32 0.00	50.89 2.38 0.00	58.63 2.85 0.00	55.18 2.53 0.00	48.59 2.23 0.00	47.70 2.27 0.00	44.68 1.80 0.00	40.29 1.44 0.00	38.22 1.22 0.00
CH_MIDHUDSON___DRP 24192	41.53 2.02 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.21 1.39 0.00	35.20 1.39 0.00	37.40 1.47 0.00	39.59 1.67 0.00	45.23 2.19 0.00	50.12 2.66 0.00	50.19 2.84 0.00	49.15 2.78 0.00	50.00 2.83 0.00	50.43 2.90 0.00	50.39 2.94 0.00	51.48 2.96 0.00	59.30 3.51 0.00	55.86 3.21 0.00	49.14 2.78 0.00	48.24 2.82 0.00	45.24 2.36 0.00	40.76 1.90 0.00	38.67 1.67 0.00
CH_MISC_IPPS 23765	41.73 2.21 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.30 1.49 0.00	37.47 1.54 0.00	39.70 1.78 0.00	45.18 2.15 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.58 3.04 0.00	50.58 3.13 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.07 3.42 0.00	49.37 3.01 0.00	48.56 3.13 0.00	45.45 2.57 0.00	40.84 1.98 0.00	38.78 1.78 0.00
CH_RES_BVR_FALLS 23983	39.44 -0.08 0.00	36.40 -0.07 0.00	33.89 -0.03 0.00	34.44 -0.03 0.00	33.56 0.00 0.00	33.79 -0.03 0.00	33.78 -0.03 0.00	35.86 -0.07 0.00	37.88 -0.04 0.00	42.99 -0.04 0.00	47.13 -0.33 0.00	47.07 -0.28 0.00	46.09 -0.28 0.00	46.89 -0.28 0.00	47.25 -0.28 0.00	47.17 -0.28 0.00	48.23 -0.29 0.00	55.40 -0.39 0.00	52.34 -0.31 0.00	46.04 -0.32 0.00	45.16 -0.27 0.00	42.75 -0.13 0.00	38.89 0.04 0.00	37.00 0.00 0.00
CH_RES_NIAGARA 23895	36.40 -3.12 0.00	34.03 -2.44 0.00	32.06 -1.87 0.00	32.78 -1.69 0.00	31.92 -1.64 0.00	32.10 -1.72 0.00	31.95 -1.86 0.00	34.02 -1.91 0.00	34.51 -3.41 0.00	38.22 -4.82 0.00	42.76 -4.70 0.00	41.81 -5.54 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	42.11 -5.42 0.00	42.04 -5.41 0.00	42.74 -5.77 0.00	49.15 -6.64 0.00	46.75 -5.90 0.00	41.45 -4.92 0.00	39.98 -5.45 0.00	38.33 -4.55 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
CH_RES_SYRACUSE 23985	38.93 -0.59 0.00	35.99 -0.48 0.00	33.52 -0.41 0.00	34.09 -0.38 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.41 -0.40 0.00	35.57 -0.36 0.00	37.42 -0.49 0.00	42.43 -0.60 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.15 -0.38 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.23 -0.56 0.00	52.17 -0.47 0.00	45.94 -0.42 0.00	44.84 -0.59 0.00	42.32 -0.56 0.00	38.23 -0.62 0.00	36.52 -0.48 0.00
CLINTON_WT_PWR 323605	40.39 0.87 0.00	37.27 0.80 0.00	34.64 0.71 0.00	35.23 0.76 0.00	34.37 0.80 0.00	34.67 0.85 0.00	34.59 0.78 0.00	36.83 0.90 0.00	39.02 1.10 0.00	44.24 1.20 0.00	47.84 0.38 0.00	47.73 0.38 0.00	46.88 0.51 0.00	47.59 0.42 0.00	47.87 0.34 0.00	47.87 0.43 0.00	48.95 0.44 0.00	56.01 0.22 0.00	53.18 0.53 0.00	46.73 0.37 0.00	45.84 0.41 0.00	43.91 1.03 0.00	40.06 1.21 0.00	38.18 1.18 0.00
CLINTON___LFGE 323618	40.94 1.42 0.00	37.82 1.35 0.00	35.08 1.15 0.00	35.71 1.24 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.06 1.25 0.00	37.37 1.44 0.00	39.63 1.71 0.00	44.88 1.85 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.53 1.16 0.00	48.16 0.99 0.00	48.43 0.90 0.00	48.45 1.00 0.00	49.58 1.07 0.00	56.68 0.89 0.00	53.91 1.26 0.00	47.29 0.93 0.00	46.43 1.00 0.00	44.55 1.67 0.00	40.56 1.71 0.00	38.70 1.70 0.00
COBBLENY_34_KV_TB1 80064	38.33 -1.19 0.00	35.81 -0.66 0.00	33.35 -0.58 0.00	34.02 -0.45 0.00	33.40 -0.17 0.00	33.68 -0.14 0.00	33.58 -0.24 0.00	35.57 -0.36 0.00	36.52 -1.40 0.00	42.30 -0.73 0.00	45.32 -2.14 0.00	44.46 -2.89 0.00	43.73 -2.64 0.00	44.39 -2.78 0.00	44.49 -3.04 0.00	44.70 -2.75 0.00	45.56 -2.96 0.00	52.78 -3.01 0.00	49.81 -2.84 0.00	43.95 -2.41 0.00	42.88 -2.54 0.00	40.09 -2.79 0.00	37.15 -1.71 0.00	36.15 -0.85 0.00
COFFEEN___115KV_TB3 355620	39.52 0.00 0.00	36.51 0.04 0.00	33.96 0.03 0.00	34.50 0.03 0.00	33.66 0.10 0.00	33.99 0.17 0.00	33.74 -0.07 0.00	35.97 0.04 0.00	38.15 0.23 0.00	43.81 0.77 0.00	48.50 1.04 0.00	48.20 0.85 0.00	47.16 0.79 0.00	48.11 0.94 0.00	48.44 0.90 0.00	48.21 0.76 0.00	49.53 1.02 0.00	57.13 1.34 0.00	53.86 1.21 0.00	47.33 0.97 0.00	46.11 0.68 0.00	43.31 0.43 0.00	38.93 0.08 0.00	36.96 -0.04 0.00
COLDSPRG_115KV_BK1 355956	39.95 0.43 0.00	37.31 0.84 0.00	34.74 0.81 0.00	35.47 1.00 0.00	34.77 1.21 0.00	35.04 1.22 0.00	35.06 1.25 0.00	37.22 1.29 0.00	38.34 0.42 0.00	44.02 0.99 0.00	47.37 -0.09 0.00	46.55 -0.80 0.00	45.63 -0.74 0.00	46.42 -0.75 0.00	46.44 -1.09 0.00	46.55 -0.90 0.00	47.50 -1.02 0.00	55.01 -0.78 0.00	51.91 -0.74 0.00	45.67 -0.70 0.00	44.56 -0.86 0.00	41.63 -1.24 0.00	38.62 -0.23 0.00	37.56 0.56 0.00
COLONIE_LFGE___ 323577	40.90 1.38 0.00	37.78 1.31 0.00	35.04 1.12 0.00	35.64 1.17 0.00	34.67 1.11 0.00	34.93 1.11 0.00	34.96 1.15 0.00	37.11 1.18 0.00	39.25 1.33 0.00	44.76 1.72 0.00	49.69 2.23 0.00	49.62 2.27 0.00	48.55 2.18 0.00	49.39 2.22 0.00	49.77 2.23 0.00	49.68 2.23 0.00	50.80 2.28 0.00	58.47 2.68 0.00	55.07 2.42 0.00	48.49 2.13 0.00	47.65 2.23 0.00	44.72 1.84 0.00	40.25 1.40 0.00	38.26 1.26 0.00
COOPERNY_115KV_TB1 80082	40.70 1.19 0.00	37.38 0.91 0.00	34.74 0.81 0.00	35.23 0.76 0.00	34.27 0.70 0.00	34.56 0.74 0.00	34.56 0.74 0.00	36.79 0.86 0.00	38.87 0.95 0.00	44.37 1.33 0.00	49.07 1.61 0.00	49.05 1.70 0.00	48.04 1.67 0.00	48.87 1.70 0.00	49.29 1.76 0.00	49.20 1.76 0.00	50.31 1.80 0.00	57.96 2.18 0.00	54.60 1.95 0.00	48.08 1.72 0.00	47.15 1.73 0.00	44.21 1.33 0.00	39.90 1.05 0.00	37.93 0.93 0.00
COPENHAGEN_WT_PWR 323753	39.20 -0.32 0.00	36.22 -0.25 0.00	33.69 -0.24 0.00	34.23 -0.24 0.00	33.36 -0.20 0.00	33.68 -0.13 0.00	33.47 -0.34 0.00	35.68 -0.25 0.00	37.77 -0.15 0.00	43.21 0.17 0.00	47.94 0.47 0.00	47.68 0.33 0.00	46.65 0.28 0.00	47.55 0.38 0.00	47.91 0.38 0.00	47.69 0.24 0.00	48.95 0.44 0.00	56.35 0.56 0.00	53.23 0.58 0.00	46.78 0.42 0.00	45.56 0.14 0.00	42.88 0.00 0.00	38.58 -0.27 0.00	36.67 -0.33 0.00
CORNELL_____ 23752	40.07 0.55 0.00	37.13 0.66 0.00	34.53 0.61 0.00	35.09 0.62 0.00	34.23 0.67 0.00	34.53 0.71 0.00	34.52 0.71 0.00	36.72 0.79 0.00	38.56 0.64 0.00	44.11 1.08 0.00	48.55 1.09 0.00	48.34 0.99 0.00	47.34 0.97 0.00	48.11 0.94 0.00	48.48 0.95 0.00	48.35 0.90 0.00	49.58 1.07 0.00	57.07 1.28 0.00	53.91 1.26 0.00	47.38 1.02 0.00	46.20 0.77 0.00	43.39 0.51 0.00	39.32 0.47 0.00	37.59 0.59 0.00

CORONA_69_KV_TB1 355595	46.51 2.85 -4.14	38.80 2.33 0.00	36.03 2.10 0.00	36.33 1.86 0.00	35.41 1.85 0.00	35.91 2.00 -0.10	35.84 2.03 0.00	39.70 2.26 -1.51	42.99 2.54 -2.53	51.27 3.23 -5.01	52.49 3.70 -1.33	53.41 3.88 -2.18	54.00 3.80 -3.83	54.44 3.87 -3.41	54.22 3.99 -2.69	54.44 3.99 -3.01	57.28 4.08 -4.69	65.61 4.85 -4.96	56.86 4.21 0.00	53.84 3.85 -3.63	53.24 3.91 -3.90	52.42 3.30 -6.24	50.93 2.76 -9.32	46.53 2.52 -7.01
CORTLAND_115KV_TB3 80093	39.72 0.20 0.00	36.76 0.29 0.00	34.19 0.27 0.00	34.78 0.31 0.00	33.90 0.34 0.00	34.16 0.34 0.00	34.15 0.34 0.00	36.33 0.40 0.00	38.22 0.30 0.00	43.72 0.69 0.00	48.17 0.71 0.00	47.97 0.62 0.00	46.97 0.60 0.00	47.74 0.57 0.00	48.10 0.57 0.00	47.97 0.52 0.00	49.15 0.63 0.00	56.51 0.73 0.00	53.33 0.68 0.00	46.92 0.56 0.00	45.84 0.41 0.00	43.05 0.17 0.00	39.01 0.16 0.00	37.26 0.26 0.00
COXSACKIE___GT 23611	42.17 2.65 0.00	38.98 2.51 0.00	36.26 2.34 0.00	36.78 2.31 0.00	35.71 2.15 0.00	36.02 2.20 0.00	35.77 1.96 0.00	37.83 1.90 0.00	39.93 2.01 0.00	45.40 2.37 0.00	50.64 3.18 0.00	50.57 3.22 0.00	49.57 3.20 0.00	50.42 3.25 0.00	50.67 3.14 0.00	50.82 3.37 0.00	52.01 3.50 0.00	59.86 4.07 0.00	56.55 3.90 0.00	49.47 3.11 0.00	48.43 3.00 0.00	45.49 2.62 0.00	40.76 1.90 0.00	38.85 1.85 0.00
CPV_VALLEY___CC1 323721	40.78 1.26 0.00	37.42 0.95 0.00	34.77 0.85 0.00	35.23 0.76 0.00	34.27 0.71 0.00	34.56 0.74 0.00	34.59 0.78 0.00	36.76 0.83 0.00	38.94 1.02 0.00	44.32 1.29 0.00	49.22 1.76 0.00	49.25 1.90 0.00	48.23 1.86 0.00	49.06 1.89 0.00	49.48 1.95 0.00	49.44 1.99 0.00	50.55 2.04 0.00	58.19 2.40 0.00	54.81 2.16 0.00	48.31 1.95 0.00	47.52 2.09 0.00	44.42 1.54 0.00	40.02 1.16 0.00	37.96 0.96 0.00
CPV_VALLEY___CC2 323722	40.78 1.26 0.00	37.42 0.95 0.00	34.77 0.85 0.00	35.23 0.76 0.00	34.27 0.71 0.00	34.56 0.74 0.00	34.59 0.78 0.00	36.76 0.83 0.00	38.94 1.02 0.00	44.32 1.29 0.00	49.22 1.76 0.00	49.25 1.90 0.00	48.23 1.86 0.00	49.06 1.89 0.00	49.48 1.95 0.00	49.44 1.99 0.00	50.55 2.04 0.00	58.19 2.40 0.00	54.81 2.16 0.00	48.31 1.95 0.00	47.52 2.09 0.00	44.42 1.54 0.00	40.02 1.16 0.00	37.96 0.96 0.00
CRESCENT___HYD 24018	40.90 1.38 0.00	37.78 1.31 0.00	35.04 1.12 0.00	35.64 1.17 0.00	34.67 1.11 0.00	34.93 1.11 0.00	34.96 1.15 0.00	37.11 1.18 0.00	39.25 1.33 0.00	44.76 1.72 0.00	49.69 2.23 0.00	49.62 2.27 0.00	48.55 2.18 0.00	49.39 2.22 0.00	49.77 2.23 0.00	49.68 2.23 0.00	50.80 2.28 0.00	58.47 2.68 0.00	55.07 2.42 0.00	48.49 2.13 0.00	47.65 2.23 0.00	44.72 1.84 0.00	40.25 1.40 0.00	38.26 1.26 0.00
CRICKET___VALLEY_CC1 323756	41.30 1.78 0.00	38.00 1.53 0.00	35.21 1.29 0.00	35.75 1.28 0.00	34.77 1.21 0.00	35.07 1.25 0.00	35.13 1.32 0.00	37.30 1.37 0.00	39.55 1.63 0.00	45.01 1.98 0.00	50.02 2.56 0.00	50.05 2.70 0.00	49.01 2.64 0.00	49.86 2.69 0.00	50.24 2.71 0.00	50.20 2.75 0.00	51.33 2.81 0.00	59.08 3.29 0.00	55.65 3.00 0.00	49.05 2.69 0.00	48.29 2.86 0.00	45.19 2.31 0.00	40.68 1.83 0.00	38.59 1.59 0.00
CRICKET___VALLEY_CC2 323757	41.30 1.78 0.00	38.00 1.53 0.00	35.21 1.29 0.00	35.75 1.28 0.00	34.77 1.21 0.00	35.07 1.25 0.00	35.13 1.32 0.00	37.30 1.37 0.00	39.55 1.63 0.00	45.01 1.98 0.00	50.02 2.56 0.00	50.05 2.70 0.00	49.01 2.64 0.00	49.86 2.69 0.00	50.24 2.71 0.00	50.20 2.75 0.00	51.33 2.81 0.00	59.08 3.29 0.00	55.65 3.00 0.00	49.05 2.69 0.00	48.29 2.86 0.00	45.19 2.31 0.00	40.68 1.83 0.00	38.59 1.59 0.00
CRICKET___VALLEY_CC3 323758	41.30 1.78 0.00	38.00 1.53 0.00	35.21 1.29 0.00	35.75 1.28 0.00	34.77 1.21 0.00	35.07 1.25 0.00	35.13 1.32 0.00	37.30 1.37 0.00	39.55 1.63 0.00	45.01 1.98 0.00	50.02 2.56 0.00	50.05 2.70 0.00	49.01 2.64 0.00	49.86 2.69 0.00	50.24 2.71 0.00	50.20 2.75 0.00	51.33 2.81 0.00	59.08 3.29 0.00	55.65 3.00 0.00	49.05 2.69 0.00	48.29 2.86 0.00	45.19 2.31 0.00	40.68 1.83 0.00	38.59 1.59 0.00
CRUCIBLE_METL_DRP 24180	38.93 -0.59 0.00	36.00 -0.47 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.41 -0.41 0.00	35.53 -0.40 0.00	37.43 -0.49 0.00	42.78 -0.26 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.29 -0.50 0.00	52.18 -0.47 0.00	45.90 -0.46 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.23 -0.62 0.00	36.52 -0.48 0.00
DAHOWA___HYDRO 323763	41.38 1.86 0.00	38.15 1.68 0.00	35.38 1.46 0.00	35.95 1.48 0.00	34.94 1.38 0.00	35.21 1.39 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.59 1.67 0.00	45.31 2.28 0.00	50.36 2.90 0.00	50.33 2.98 0.00	49.15 2.78 0.00	49.95 2.78 0.00	50.34 2.80 0.00	50.20 2.75 0.00	51.38 2.86 0.00	59.19 3.40 0.00	55.70 3.05 0.00	49.00 2.64 0.00	48.11 2.68 0.00	45.02 2.14 0.00	40.45 1.59 0.00	38.44 1.44 0.00
DANC___LFGE 323619	38.93 -0.59 0.00	35.92 -0.55 0.00	33.42 -0.51 0.00	33.99 -0.48 0.00	33.09 -0.47 0.00	33.38 -0.44 0.00	33.24 -0.58 0.00	35.39 -0.54 0.00	37.42 -0.49 0.00	42.69 -0.35 0.00	47.41 -0.05 0.00	47.16 -0.19 0.00	46.14 -0.23 0.00	46.98 -0.19 0.00	47.34 -0.19 0.00	47.12 -0.33 0.00	48.32 -0.19 0.00	55.62 -0.17 0.00	52.49 -0.16 0.00	46.18 -0.18 0.00	45.06 -0.37 0.00	42.45 -0.43 0.00	38.23 -0.62 0.00	36.41 -0.59 0.00
DANSKAMMER___1 23586	41.73 2.21 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.30 1.49 0.00	37.47 1.54 0.00	39.70 1.78 0.00	45.18 2.15 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.58 3.04 0.00	50.58 3.13 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.07 3.42 0.00	49.37 3.01 0.00	48.56 3.13 0.00	45.45 2.57 0.00	40.84 1.98 0.00	38.78 1.78 0.00
DANSKAMMER___2 23589	41.73 2.21 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.30 1.49 0.00	37.47 1.54 0.00	39.70 1.78 0.00	45.18 2.15 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.58 3.04 0.00	50.58 3.13 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.07 3.42 0.00	49.37 3.01 0.00	48.56 3.13 0.00	45.45 2.57 0.00	40.84 1.98 0.00	38.78 1.78 0.00
DANSKAMMER___3 23590	41.73 2.21 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.30 1.49 0.00	37.47 1.54 0.00	39.70 1.78 0.00	45.18 2.15 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.58 3.04 0.00	50.58 3.13 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.07 3.42 0.00	49.37 3.01 0.00	48.56 3.13 0.00	45.45 2.57 0.00	40.84 1.98 0.00	38.78 1.78 0.00

DANSKAMMER___4 23591	41.73 2.21 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.30 1.49 0.00	37.47 1.54 0.00	39.70 1.78 0.00	45.18 2.15 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.58 3.04 0.00	50.58 3.13 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.07 3.42 0.00	49.37 3.01 0.00	48.56 3.13 0.00	45.45 2.57 0.00	40.84 1.98 0.00	38.78 1.78 0.00
DANSKAMMER___DIESEL 23592	41.73 2.21 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.30 1.49 0.00	37.51 1.58 0.00	39.70 1.78 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.07 3.42 0.00	49.33 2.97 0.00	48.43 3.00 0.00	45.37 2.49 0.00	40.84 1.98 0.00	38.78 1.78 0.00
DARBY___SOLAR 323810	41.30 1.78 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.14 1.32 0.00	35.20 1.39 0.00	37.33 1.40 0.00	39.55 1.63 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.19 2.84 0.00	49.06 2.69 0.00	49.86 2.69 0.00	50.24 2.71 0.00	50.10 2.66 0.00	51.28 2.76 0.00	59.08 3.29 0.00	55.60 2.95 0.00	48.91 2.55 0.00	48.02 2.59 0.00	44.98 2.10 0.00	40.45 1.59 0.00	38.44 1.44 0.00
DASHVILLE___HYD 23610	41.34 1.82 0.00	37.93 1.46 0.00	35.21 1.29 0.00	35.68 1.21 0.00	34.67 1.11 0.00	34.97 1.15 0.00	34.89 1.08 0.00	37.08 1.15 0.00	39.21 1.29 0.00	44.71 1.68 0.00	49.60 2.14 0.00	49.67 2.32 0.00	48.69 2.32 0.00	49.53 2.36 0.00	50.00 2.47 0.00	49.96 2.51 0.00	51.09 2.57 0.00	58.86 3.07 0.00	55.44 2.79 0.00	48.77 2.41 0.00	47.88 2.45 0.00	44.85 1.97 0.00	40.45 1.59 0.00	38.41 1.41 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	48.13 4.47 -4.14	40.12 3.65 0.00	37.28 3.36 0.00	37.50 3.03 0.00	36.65 3.09 0.00	37.27 3.35 -0.10	37.13 3.31 0.00	41.14 3.70 -1.51	44.39 3.94 -2.53	52.91 4.86 -5.01	54.82 6.03 -1.33	55.59 6.06 -2.18	56.14 5.94 -3.83	56.67 6.09 -3.41	56.41 6.18 -2.70	56.73 6.26 -3.02	59.90 6.70 -4.69	68.40 7.64 -4.96	59.18 6.53 0.00	55.65 5.66 -3.63	55.38 6.04 -3.91	54.40 5.27 -6.24	52.65 4.47 -9.33	47.97 3.96 -7.01
DELAWARE___LFGE 323621	40.86 1.34 0.00	37.67 1.20 0.00	35.04 1.12 0.00	35.61 1.14 0.00	34.67 1.11 0.00	34.90 1.08 0.00	34.86 1.05 0.00	37.12 1.19 0.00	39.21 1.29 0.00	44.84 1.81 0.00	49.55 2.09 0.00	49.43 2.08 0.00	48.41 2.04 0.00	49.20 2.03 0.00	49.62 2.09 0.00	49.49 2.04 0.00	50.60 2.09 0.00	58.30 2.51 0.00	54.91 2.26 0.00	48.35 1.99 0.00	47.29 1.86 0.00	44.38 1.50 0.00	40.10 1.24 0.00	38.15 1.15 0.00
DERFIELD_115KV_TB7 355931	39.64 0.12 0.00	36.58 0.11 0.00	34.03 0.10 0.00	34.57 0.10 0.00	33.63 0.07 0.00	33.89 0.07 0.00	33.88 0.07 0.00	36.04 0.11 0.00	38.07 0.15 0.00	43.34 0.30 0.00	47.89 0.43 0.00	47.78 0.43 0.00	46.79 0.42 0.00	47.60 0.42 0.00	47.96 0.43 0.00	47.88 0.43 0.00	48.95 0.44 0.00	56.35 0.56 0.00	53.07 0.42 0.00	46.73 0.37 0.00	45.79 0.36 0.00	43.14 0.26 0.00	39.01 0.16 0.00	37.11 0.11 0.00
DOGLEVILLE___HYD 23807	38.89 -0.63 0.00	35.96 -0.51 0.00	33.42 -0.51 0.00	33.99 -0.48 0.00	33.16 -0.40 0.00	33.48 -0.34 0.00	33.51 -0.30 0.00	35.68 -0.25 0.00	37.81 -0.11 0.00	43.12 0.09 0.00	47.84 0.38 0.00	47.78 0.43 0.00	46.74 0.37 0.00	47.59 0.42 0.00	48.01 0.48 0.00	47.87 0.43 0.00	49.00 0.49 0.00	56.40 0.61 0.00	53.12 0.47 0.00	46.69 0.33 0.00	45.61 0.18 0.00	42.96 0.09 0.00	38.74 -0.12 0.00	36.82 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	38.69 -0.83 0.00	36.14 -0.33 0.00	33.65 -0.27 0.00	34.37 -0.10 0.00	33.70 0.13 0.00	33.95 0.14 0.00	33.91 0.10 0.00	35.97 0.04 0.00	36.93 -0.99 0.00	42.78 -0.26 0.00	45.85 -1.61 0.00	44.98 -2.37 0.00	44.19 -2.18 0.00	44.91 -2.26 0.00	44.97 -2.57 0.00	45.17 -2.28 0.00	45.99 -2.52 0.00	53.28 -2.51 0.00	50.28 -2.37 0.00	44.32 -2.04 0.00	43.29 -2.14 0.00	40.43 -2.44 0.00	37.42 -1.44 0.00	36.41 -0.59 0.00
DUNKIRK___1 23563	38.69 -0.83 0.00	36.14 -0.33 0.00	33.65 -0.27 0.00	34.37 -0.10 0.00	33.70 0.13 0.00	33.95 0.14 0.00	33.91 0.10 0.00	35.97 0.04 0.00	36.93 -0.99 0.00	42.78 -0.26 0.00	45.85 -1.61 0.00	44.98 -2.37 0.00	44.19 -2.18 0.00	44.91 -2.26 0.00	44.97 -2.57 0.00	45.17 -2.28 0.00	45.99 -2.52 0.00	53.28 -2.51 0.00	50.28 -2.37 0.00	44.32 -2.04 0.00	43.29 -2.14 0.00	40.43 -2.44 0.00	37.42 -1.44 0.00	36.41 -0.59 0.00
DUNKIRK___2 23564	38.69 -0.83 0.00	36.14 -0.33 0.00	33.65 -0.27 0.00	34.37 -0.10 0.00	33.70 0.13 0.00	33.95 0.14 0.00	33.91 0.10 0.00	35.97 0.04 0.00	36.93 -0.99 0.00	42.78 -0.26 0.00	45.85 -1.61 0.00	44.98 -2.37 0.00	44.19 -2.18 0.00	44.91 -2.26 0.00	44.97 -2.57 0.00	45.17 -2.28 0.00	45.99 -2.52 0.00	53.28 -2.51 0.00	50.28 -2.37 0.00	44.32 -2.04 0.00	43.29 -2.14 0.00	40.43 -2.44 0.00	37.42 -1.44 0.00	36.41 -0.59 0.00
DUNKIRK___3 23565	38.49 -1.03 0.00	35.92 -0.55 0.00	33.48 -0.44 0.00	34.16 -0.31 0.00	33.50 -0.07 0.00	33.79 -0.03 0.00	33.74 -0.07 0.00	35.79 -0.14 0.00	36.74 -1.18 0.00	42.47 -0.56 0.00	45.56 -1.90 0.00	44.75 -2.60 0.00	43.96 -2.41 0.00	44.62 -2.55 0.00	44.73 -2.80 0.00	44.89 -2.56 0.00	45.75 -2.77 0.00	53.00 -2.79 0.00	49.96 -2.69 0.00	44.09 -2.27 0.00	43.02 -2.41 0.00	40.22 -2.66 0.00	37.26 -1.59 0.00	36.26 -0.74 0.00
DUNKIRK___4 23566	38.53 -0.99 0.00	36.00 -0.47 0.00	33.52 -0.41 0.00	34.23 -0.24 0.00	33.56 0.00 0.00	33.85 0.03 0.00	33.78 -0.03 0.00	35.82 -0.11 0.00	36.74 -1.18 0.00	42.56 -0.47 0.00	45.61 -1.85 0.00	44.75 -2.60 0.00	43.96 -2.41 0.00	44.62 -2.55 0.00	44.73 -2.80 0.00	44.93 -2.51 0.00	45.75 -2.77 0.00	53.00 -2.79 0.00	50.02 -2.63 0.00	44.14 -2.23 0.00	43.07 -2.36 0.00	40.22 -2.66 0.00	37.26 -1.59 0.00	36.30 -0.70 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.57 2.05 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.29 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.70 1.78 0.00	45.40 2.37 0.00	50.36 2.90 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.67 3.14 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.58 3.79 0.00	56.02 3.37 0.00	49.37 3.01 0.00	48.56 3.13 0.00	45.45 2.57 0.00	40.91 2.06 0.00	38.78 1.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.38 1.86 0.00	37.93 1.46 0.00	35.25 1.32 0.00	35.71 1.24 0.00	34.70 1.14 0.00	35.00 1.18 0.00	35.00 1.18 0.00	37.22 1.29 0.00	39.40 1.48 0.00	44.93 1.89 0.00	49.83 2.37 0.00	49.86 2.51 0.00	48.87 2.50 0.00	49.72 2.55 0.00	50.15 2.61 0.00	50.11 2.66 0.00	51.23 2.72 0.00	59.02 3.24 0.00	55.55 2.90 0.00	48.91 2.55 0.00	48.02 2.59 0.00	44.94 2.06 0.00	40.53 1.67 0.00	38.44 1.44 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.05 2.53 0.00	38.44 1.97 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.27 1.45 0.00	35.10 1.28 0.00	37.15 1.22 0.00	39.47 1.55 0.00	45.14 2.11 0.00	50.12 2.66 0.00	50.14 2.79 0.00	49.15 2.78 0.00	50.00 2.83 0.00	50.57 3.04 0.00	50.39 2.94 0.00	51.57 3.06 0.00	59.41 3.63 0.00	55.81 3.16 0.00	49.33 2.97 0.00	48.52 3.09 0.00	45.45 2.57 0.00	41.26 2.41 0.00	39.22 2.22 0.00
E179THST_13_KV_LOAD 356214	42.21 2.69 0.00	38.59 2.12 0.00	35.82 1.90 0.00	36.23 1.76 0.00	35.17 1.61 0.00	35.38 1.56 0.00	35.23 1.42 0.00	37.30 1.37 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.36 2.90 0.00	50.38 3.03 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.81 3.28 0.00	50.63 3.18 0.00	51.82 3.30 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.56 3.20 0.00	48.74 3.32 0.00	45.67 2.79 0.00	41.46 2.60 0.00	39.37 2.37 0.00
EAST HAMPTON___GT 23717	48.64 4.98 -4.14	40.55 4.08 0.00	37.72 3.80 0.00	37.92 3.45 0.00	37.05 3.49 0.00	37.67 3.75 -0.10	37.57 3.75 0.00	41.53 4.09 -1.51	44.89 4.43 -2.53	53.21 5.16 -5.01	55.49 6.69 -1.33	56.21 6.68 -2.18	56.79 6.58 -3.83	57.28 6.70 -3.41	57.03 6.80 -2.70	57.39 6.93 -3.02	60.63 7.42 -4.69	69.23 8.48 -4.96	59.97 7.32 0.00	56.35 6.35 -3.63	56.15 6.81 -3.91	55.08 5.96 -6.24	53.08 4.90 -9.33	48.41 4.40 -7.01
EAST RIVER___6 23660	41.65 2.13 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.75 1.28 0.00	34.74 1.17 0.00	35.07 1.25 0.00	35.06 1.25 0.00	37.30 1.37 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.72 3.19 0.00	50.68 3.23 0.00	51.82 3.30 0.00	59.69 3.90 0.00	56.12 3.47 0.00	49.52 3.15 0.00	48.88 3.45 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.81 1.81 0.00
EAST RIVER___7 23524	41.65 2.13 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.75 1.28 0.00	34.74 1.17 0.00	35.07 1.25 0.00	35.06 1.25 0.00	37.30 1.37 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.72 3.19 0.00	50.68 3.23 0.00	51.82 3.30 0.00	59.69 3.90 0.00	56.12 3.47 0.00	49.52 3.15 0.00	48.88 3.45 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.81 1.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.53 2.02 0.00	38.04 1.57 0.00	35.31 1.39 0.00	35.75 1.28 0.00	34.74 1.17 0.00	35.07 1.25 0.00	35.10 1.28 0.00	37.40 1.47 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.21 2.75 0.00	50.29 2.94 0.00	49.24 2.87 0.00	50.10 2.92 0.00	50.57 3.04 0.00	50.48 3.04 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.91 3.26 0.00	49.28 2.92 0.00	48.43 3.00 0.00	45.32 2.44 0.00	40.84 1.98 0.00	38.70 1.70 0.00
EAST_HAMPTON___DIESEL 23722	48.64 4.98 -4.14	40.55 4.08 0.00	37.72 3.80 0.00	37.92 3.45 0.00	37.05 3.49 0.00	37.71 3.79 -0.10	37.57 3.75 0.00	41.53 4.09 -1.51	44.89 4.43 -2.53	53.25 5.21 -5.01	55.49 6.69 -1.33	56.25 6.72 -2.18	56.79 6.58 -3.83	57.28 6.70 -3.41	57.03 6.80 -2.70	57.39 6.93 -3.02	60.63 7.42 -4.69	69.29 8.54 -4.96	59.97 7.32 0.00	56.39 6.40 -3.63	56.20 6.86 -3.91	55.08 5.96 -6.24	53.12 4.94 -9.33	48.45 4.44 -7.01
EAST_PULASKI___ESR 323781	38.69 -0.83 0.00	35.70 -0.77 0.00	33.21 -0.71 0.00	33.75 -0.72 0.00	32.89 -0.67 0.00	33.18 -0.64 0.00	33.07 -0.74 0.00	35.18 -0.75 0.00	37.12 -0.80 0.00	42.52 -0.52 0.00	46.94 -0.52 0.00	46.73 -0.62 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.87 -0.67 0.00	46.69 -0.76 0.00	47.84 -0.68 0.00	55.06 -0.73 0.00	51.96 -0.68 0.00	45.67 -0.70 0.00	44.66 -0.77 0.00	42.02 -0.86 0.00	38.00 -0.85 0.00	36.19 -0.81 0.00
EAST_RIVER___1 323558	41.69 2.17 0.00	38.15 1.68 0.00	35.41 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.37 1.44 0.00	39.74 1.82 0.00	45.27 2.24 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.72 3.19 0.00	50.68 3.23 0.00	51.82 3.30 0.00	59.69 3.90 0.00	56.12 3.47 0.00	49.52 3.15 0.00	48.88 3.45 0.00	45.66 2.79 0.00	41.07 2.21 0.00	38.89 1.89 0.00
EAST_RIVER___2 323559	41.65 2.13 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.75 1.28 0.00	34.74 1.17 0.00	35.07 1.25 0.00	35.06 1.25 0.00	37.30 1.37 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.72 3.19 0.00	50.68 3.23 0.00	51.82 3.30 0.00	59.69 3.90 0.00	56.12 3.47 0.00	49.52 3.15 0.00	48.88 3.45 0.00	45.62 2.75 0.00	41.03 2.17 0.00	38.81 1.81 0.00
EAST___DELAWARE_HYD 23607	41.49 1.98 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.03 1.22 0.00	37.11 1.18 0.00	39.28 1.36 0.00	44.63 1.59 0.00	49.64 2.18 0.00	49.67 2.32 0.00	48.64 2.27 0.00	49.53 2.36 0.00	49.96 2.42 0.00	50.01 2.56 0.00	51.23 2.72 0.00	58.97 3.18 0.00	55.65 3.00 0.00	48.91 2.55 0.00	48.06 2.63 0.00	44.98 2.10 0.00	40.41 1.56 0.00	38.37 1.37 0.00
EIGHT_POINT___WT_PWR 323820	39.52 0.00 0.00	36.94 0.47 0.00	34.64 0.71 0.00	35.37 0.89 0.00	34.34 0.77 0.00	34.63 0.81 0.00	34.62 0.81 0.00	36.86 0.93 0.00	37.96 0.04 0.00	42.39 -0.64 0.00	47.27 -0.19 0.00	46.54 -0.81 0.00	45.58 -0.79 0.00	46.27 -0.90 0.00	46.58 -0.95 0.00	46.55 -0.90 0.00	47.59 -0.92 0.00	54.73 -1.06 0.00	52.02 -0.63 0.00	45.85 -0.51 0.00	44.34 -1.09 0.00	42.15 -0.73 0.00	38.31 -0.54 0.00	37.04 0.04 0.00
ELBRIDGE_115KV_TB2 80188	38.73 -0.79 0.00	35.85 -0.62 0.00	33.35 -0.58 0.00	33.92 -0.55 0.00	33.06 -0.50 0.00	33.31 -0.51 0.00	33.31 -0.51 0.00	35.39 -0.54 0.00	37.24 -0.68 0.00	42.56 -0.47 0.00	46.89 -0.57 0.00	46.69 -0.66 0.00	45.67 -0.70 0.00	46.46 -0.71 0.00	46.82 -0.71 0.00	46.74 -0.71 0.00	47.79 -0.73 0.00	55.01 -0.78 0.00	51.91 -0.74 0.00	45.67 -0.70 0.00	44.66 -0.77 0.00	41.98 -0.90 0.00	38.08 -0.78 0.00	36.33 -0.67 0.00
ELEC_TRO_TEK 24086	46.31 2.65 -4.14	38.59 2.12 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.67 1.86 0.00	39.52 2.08 -1.51	42.80 2.35 -2.53	51.06 3.01 -5.01	52.35 3.56 -1.33	53.27 3.74 -2.18	53.86 3.66 -3.83	54.30 3.73 -3.41	54.03 3.80 -2.69	54.30 3.84 -3.01	57.09 3.88 -4.69	65.38 4.63 -4.96	56.65 4.00 0.00	53.70 3.71 -3.63	53.10 3.77 -3.90	52.29 3.17 -6.24	50.82 2.64 -9.32	46.34 2.33 -7.01
ELLENBURG_WT_PWR 323604	40.39 0.87 0.00	37.27 0.80 0.00	34.64 0.71 0.00	35.23 0.76 0.00	34.37 0.80 0.00	34.67 0.85 0.00	34.59 0.78 0.00	36.83 0.90 0.00	39.02 1.10 0.00	44.24 1.20 0.00	47.84 0.38 0.00	47.73 0.38 0.00	46.88 0.51 0.00	47.59 0.42 0.00	47.87 0.34 0.00	47.87 0.43 0.00	48.95 0.44 0.00	56.01 0.22 0.00	53.18 0.53 0.00	46.73 0.37 0.00	45.84 0.41 0.00	43.91 1.03 0.00	40.06 1.21 0.00	38.18 1.18 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.82 -1.70 0.00	35.34 -1.13 0.00	32.94 -0.98 0.00	33.61 -0.86 0.00	32.99 -0.57 0.00	33.28 -0.54 0.00	33.17 -0.64 0.00	35.14 -0.79 0.00	35.99 -1.93 0.00	41.74 -1.29 0.00	44.61 -2.85 0.00	43.75 -3.60 0.00	43.03 -3.34 0.00	43.68 -3.49 0.00	43.78 -3.76 0.00	43.98 -3.46 0.00	44.78 -3.74 0.00	51.88 -3.91 0.00	48.91 -3.74 0.00	43.21 -3.15 0.00	42.20 -3.23 0.00	39.45 -3.43 0.00	36.60 -2.25 0.00	35.67 -1.33 0.00
EMPIRE_CC_1 323656	40.54 1.03 0.00	37.45 0.99 0.00	34.70 0.78 0.00	35.30 0.83 0.00	34.37 0.80 0.00	34.63 0.81 0.00	34.66 0.85 0.00	36.72 0.79 0.00	38.83 0.91 0.00	44.20 1.16 0.00	49.08 1.61 0.00	49.05 1.70 0.00	48.04 1.67 0.00	48.87 1.70 0.00	49.24 1.71 0.00	49.15 1.71 0.00	50.26 1.74 0.00	57.79 2.01 0.00	54.44 1.79 0.00	47.98 1.62 0.00	47.15 1.73 0.00	44.34 1.46 0.00	39.94 1.09 0.00	37.96 0.96 0.00
EMPIRE_CC_2 323658	40.54 1.03 0.00	37.45 0.99 0.00	34.70 0.78 0.00	35.30 0.83 0.00	34.37 0.80 0.00	34.63 0.81 0.00	34.66 0.85 0.00	36.72 0.79 0.00	38.83 0.91 0.00	44.20 1.16 0.00	49.08 1.61 0.00	49.05 1.70 0.00	48.04 1.67 0.00	48.87 1.70 0.00	49.24 1.71 0.00	49.15 1.71 0.00	50.26 1.74 0.00	57.79 2.01 0.00	54.44 1.79 0.00	47.98 1.62 0.00	47.15 1.73 0.00	44.34 1.46 0.00	39.94 1.09 0.00	37.96 0.96 0.00
ENORWICH_115KV_TB1 80156	42.40 2.88 0.00	39.39 2.92 0.00	36.57 2.65 0.00	37.09 2.62 0.00	36.18 2.62 0.00	36.63 2.81 0.00	36.42 2.60 0.00	38.91 2.98 0.00	41.03 3.11 0.00	47.21 4.17 0.00	52.11 4.65 0.00	51.85 4.50 0.00	50.77 4.41 0.00	51.56 4.39 0.00	51.91 4.37 0.00	51.58 4.13 0.00	53.08 4.56 0.00	61.09 5.30 0.00	57.60 4.95 0.00	50.49 4.13 0.00	49.02 3.59 0.00	45.88 3.00 0.00	41.38 2.53 0.00	39.55 2.55 0.00
ERIE_ST__34_KV_TB1-2 80199	38.73 -0.79 0.00	36.18 -0.29 0.00	33.72 -0.20 0.00	34.40 -0.07 0.00	33.76 0.20 0.00	34.06 0.24 0.00	33.98 0.17 0.00	36.00 0.07 0.00	36.97 -0.95 0.00	42.78 -0.26 0.00	45.85 -1.61 0.00	44.98 -2.37 0.00	44.19 -2.18 0.00	44.91 -2.26 0.00	45.01 -2.52 0.00	45.17 -2.28 0.00	46.04 -2.47 0.00	53.33 -2.45 0.00	50.33 -2.32 0.00	44.41 -1.95 0.00	43.34 -2.09 0.00	40.52 -2.36 0.00	37.53 -1.32 0.00	36.56 -0.44 0.00
ERIE_WT_PWR 323693	38.25 -1.27 0.00	35.74 -0.73 0.00	33.62 -0.31 0.00	34.37 -0.10 0.00	33.33 -0.23 0.00	33.62 -0.20 0.00	33.51 -0.30 0.00	35.72 -0.21 0.00	36.40 -1.52 0.00	40.45 -2.58 0.00	45.18 -2.28 0.00	44.27 -3.08 0.00	43.54 -2.83 0.00	44.20 -2.97 0.00	44.54 -2.99 0.00	44.51 -2.94 0.00	45.27 -3.25 0.00	52.16 -3.63 0.00	49.54 -3.11 0.00	43.86 -2.50 0.00	42.34 -3.09 0.00	40.52 -2.36 0.00	36.99 -1.86 0.00	36.04 -0.96 0.00
ESPRGFLD_115KV_TB1 80157	42.13 2.61 0.00	38.91 2.44 0.00	36.16 2.24 0.00	36.71 2.24 0.00	35.71 2.15 0.00	36.05 2.23 0.00	36.01 2.20 0.00	38.41 2.48 0.00	40.57 2.65 0.00	46.56 3.53 0.00	51.49 4.03 0.00	51.33 3.98 0.00	50.17 3.80 0.00	51.04 3.87 0.00	51.48 3.95 0.00	51.29 3.84 0.00	52.64 4.12 0.00	60.70 4.91 0.00	57.12 4.48 0.00	50.21 3.85 0.00	49.06 3.63 0.00	45.88 3.00 0.00	41.34 2.49 0.00	39.37 2.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.99 0.47 0.00	37.09 0.62 0.00	34.47 0.54 0.00	35.06 0.59 0.00	34.17 0.60 0.00	34.46 0.64 0.00	34.46 0.64 0.00	36.65 0.72 0.00	38.53 0.61 0.00	44.02 0.99 0.00	48.50 1.04 0.00	48.30 0.95 0.00	47.30 0.93 0.00	48.07 0.90 0.00	48.39 0.86 0.00	48.30 0.85 0.00	49.49 0.97 0.00	57.02 1.23 0.00	53.81 1.16 0.00	47.29 0.93 0.00	46.15 0.73 0.00	43.35 0.47 0.00	39.28 0.43 0.00	37.56 0.56 0.00
ETNA____115KV_TB2 80207	39.99 0.47 0.00	37.09 0.62 0.00	34.47 0.54 0.00	35.06 0.59 0.00	34.17 0.60 0.00	34.46 0.64 0.00	34.46 0.64 0.00	36.65 0.72 0.00	38.53 0.61 0.00	44.02 0.99 0.00	48.50 1.04 0.00	48.30 0.95 0.00	47.30 0.93 0.00	48.07 0.90 0.00	48.39 0.86 0.00	48.30 0.85 0.00	49.49 0.97 0.00	57.02 1.23 0.00	53.81 1.16 0.00	47.29 0.93 0.00	46.15 0.73 0.00	43.35 0.47 0.00	39.28 0.43 0.00	37.56 0.56 0.00
EUCLID____115KV_TB2 356179	38.45 -1.07 0.00	35.56 -0.91 0.00	33.08 -0.85 0.00	33.64 -0.83 0.00	32.79 -0.77 0.00	33.04 -0.78 0.00	33.03 -0.78 0.00	35.10 -0.83 0.00	36.97 -0.95 0.00	42.22 -0.82 0.00	46.51 -0.95 0.00	46.31 -1.04 0.00	45.35 -1.02 0.00	46.13 -1.04 0.00	46.44 -1.09 0.00	46.36 -1.09 0.00	47.40 -1.12 0.00	54.56 -1.23 0.00	51.49 -1.16 0.00	45.29 -1.07 0.00	44.29 -1.14 0.00	41.68 -1.20 0.00	37.81 -1.05 0.00	36.08 -0.93 0.00
E_CANADA_CAP_HY 24051	42.76 3.24 0.00	39.50 3.03 0.00	36.67 2.75 0.00	37.26 2.79 0.00	36.18 2.62 0.00	36.53 2.71 0.00	36.55 2.74 0.00	38.98 3.05 0.00	41.22 3.30 0.00	47.04 4.00 0.00	52.40 4.94 0.00	52.27 4.92 0.00	51.05 4.68 0.00	51.93 4.76 0.00	52.38 4.85 0.00	52.24 4.79 0.00	53.61 5.09 0.00	61.82 6.03 0.00	58.18 5.53 0.00	51.14 4.78 0.00	50.01 4.59 0.00	46.82 3.94 0.00	42.00 3.15 0.00	39.96 2.96 0.00
E_CANADA_MHWK_HY 24050	38.89 -0.63 0.00	35.96 -0.51 0.00	33.42 -0.51 0.00	33.99 -0.48 0.00	33.16 -0.40 0.00	33.48 -0.34 0.00	33.51 -0.30 0.00	35.68 -0.25 0.00	37.81 -0.11 0.00	43.12 0.09 0.00	47.84 0.38 0.00	47.78 0.43 0.00	46.74 0.37 0.00	47.59 0.42 0.00	48.01 0.48 0.00	47.87 0.43 0.00	49.00 0.49 0.00	56.40 0.61 0.00	53.12 0.47 0.00	46.69 0.33 0.00	45.61 0.18 0.00	42.96 0.09 0.00	38.74 -0.12 0.00	36.82 -0.18 0.00
E_FISHKILL___LBMP 23776	41.30 1.78 0.00	37.89 1.42 0.00	35.18 1.26 0.00	35.68 1.21 0.00	34.67 1.11 0.00	34.97 1.15 0.00	35.03 1.22 0.00	37.26 1.33 0.00	39.47 1.55 0.00	45.10 2.07 0.00	49.93 2.47 0.00	49.95 2.60 0.00	48.92 2.55 0.00	49.77 2.59 0.00	50.24 2.71 0.00	50.15 2.70 0.00	51.28 2.77 0.00	59.08 3.29 0.00	55.60 2.95 0.00	48.96 2.60 0.00	48.11 2.68 0.00	45.06 2.19 0.00	40.60 1.75 0.00	38.52 1.52 0.00
FALCON___SEABRD_CC1 323796	40.75 1.23 0.00	37.64 1.17 0.00	34.94 1.02 0.00	35.57 1.10 0.00	34.67 1.11 0.00	34.97 1.15 0.00	34.89 1.08 0.00	37.15 1.22 0.00	39.40 1.48 0.00	44.67 1.63 0.00	47.98 0.52 0.00	47.82 0.47 0.00	47.02 0.65 0.00	47.69 0.52 0.00	48.01 0.48 0.00	47.97 0.52 0.00	49.10 0.58 0.00	56.13 0.34 0.00	53.33 0.68 0.00	46.82 0.46 0.00	45.93 0.50 0.00	44.34 1.46 0.00	40.41 1.56 0.00	38.52 1.52 0.00
FALCON___SEABRD_CC2 323797	40.75 1.23 0.00	37.64 1.17 0.00	34.94 1.02 0.00	35.57 1.10 0.00	34.67 1.11 0.00	34.97 1.15 0.00	34.89 1.08 0.00	37.15 1.22 0.00	39.40 1.48 0.00	44.67 1.63 0.00	47.98 0.52 0.00	47.82 0.47 0.00	47.02 0.65 0.00	47.69 0.52 0.00	48.01 0.48 0.00	47.97 0.52 0.00	49.10 0.58 0.00	56.13 0.34 0.00	53.33 0.68 0.00	46.82 0.46 0.00	45.93 0.50 0.00	44.34 1.46 0.00	40.41 1.56 0.00	38.52 1.52 0.00

FAR ROCKAWAY___4 23548	46.82 3.16 -4.14	39.06 2.59 0.00	36.26 2.34 0.00	36.57 2.10 0.00	35.64 2.08 0.00	36.18 2.27 -0.10	36.08 2.27 0.00	39.95 2.52 -1.51	43.26 2.81 -2.53	51.66 3.61 -5.01	52.58 3.80 -1.33	53.50 3.98 -2.18	54.09 3.90 -3.83	54.54 3.96 -3.41	54.31 4.09 -2.69	54.49 4.03 -3.01	57.38 4.17 -4.69	65.77 5.02 -4.96	56.97 4.32 0.00	53.93 3.94 -3.63	53.28 3.95 -3.90	52.46 3.34 -6.24	50.93 2.76 -9.32	46.82 2.81 -7.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.73 2.21 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.82 3.30 0.00	59.75 3.96 0.00	56.18 3.53 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.62 2.74 0.00	41.11 2.25 0.00	38.92 1.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.77 2.25 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.75 3.96 0.00	56.18 3.53 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.62 2.74 0.00	41.15 2.29 0.00	38.92 1.92 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.73 2.21 0.00	38.18 1.71 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.82 3.30 0.00	59.75 3.96 0.00	56.12 3.47 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.11 2.25 0.00	38.89 1.89 0.00
FARRAGUT___LBMP 323566	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.63 3.18 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.54 2.66 0.00	41.07 2.21 0.00	38.89 1.89 0.00
FENNER___WINDPWR 24204	40.03 0.51 0.00	37.02 0.55 0.00	34.46 0.54 0.00	35.02 0.55 0.00	34.10 0.54 0.00	34.43 0.61 0.00	34.35 0.54 0.00	36.58 0.65 0.00	38.60 0.68 0.00	43.85 0.82 0.00	48.74 1.28 0.00	48.48 1.13 0.00	47.53 1.16 0.00	48.35 1.18 0.00	48.72 1.19 0.00	48.58 1.14 0.00	49.68 1.16 0.00	57.07 1.28 0.00	53.86 1.21 0.00	47.38 1.02 0.00	46.25 0.82 0.00	43.61 0.73 0.00	39.32 0.47 0.00	37.52 0.52 0.00
FIBERTEK___ENERGY 23856	38.93 -0.59 0.00	36.00 -0.47 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.41 -0.41 0.00	35.53 -0.40 0.00	37.43 -0.49 0.00	42.78 -0.26 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.29 -0.50 0.00	52.18 -0.47 0.00	45.90 -0.46 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.23 -0.62 0.00	36.52 -0.48 0.00
FITZPATRICK___ 23598	37.94 -1.58 0.00	35.08 -1.39 0.00	32.67 -1.25 0.00	33.20 -1.27 0.00	32.32 -1.24 0.00	32.57 -1.25 0.00	32.56 -1.25 0.00	34.64 -1.29 0.00	36.44 -1.48 0.00	41.31 -1.72 0.00	45.75 -1.71 0.00	45.60 -1.75 0.00	44.65 -1.71 0.00	45.43 -1.74 0.00	45.77 -1.76 0.00	45.69 -1.75 0.00	46.67 -1.84 0.00	53.73 -2.06 0.00	50.70 -1.95 0.00	44.65 -1.71 0.00	43.66 -1.77 0.00	41.21 -1.67 0.00	37.30 -1.56 0.00	35.56 -1.44 0.00
FLOWRFLD_69_KV_BK1 356044	47.14 3.48 -4.14	39.28 2.81 0.00	36.50 2.58 0.00	36.75 2.28 0.00	35.85 2.28 0.00	36.42 2.50 -0.10	36.31 2.50 0.00	40.24 2.80 -1.51	43.52 3.07 -2.53	51.92 3.87 -5.01	53.54 4.75 -1.33	54.31 4.78 -2.18	54.93 4.73 -3.83	55.39 4.81 -3.41	55.22 4.99 -2.70	55.49 5.03 -3.02	58.45 5.24 -4.69	66.89 6.14 -4.96	57.86 5.21 0.00	54.77 4.78 -3.63	54.24 4.91 -3.91	53.37 4.24 -6.24	51.72 3.54 -9.33	47.12 3.11 -7.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.81 2.29 0.00	38.40 1.93 0.00	35.65 1.73 0.00	36.13 1.65 0.00	35.07 1.51 0.00	35.41 1.59 0.00	35.33 1.52 0.00	37.58 1.65 0.00	39.78 1.86 0.00	45.40 2.37 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.72 3.18 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.18 3.53 0.00	49.42 3.06 0.00	48.52 3.09 0.00	45.45 2.57 0.00	40.91 2.06 0.00	38.85 1.85 0.00
FORT ORANGE___ 23900	40.15 0.63 0.00	37.02 0.55 0.00	34.43 0.51 0.00	34.95 0.48 0.00	34.00 0.44 0.00	34.26 0.44 0.00	34.32 0.51 0.00	36.36 0.43 0.00	38.41 0.49 0.00	43.81 0.78 0.00	48.65 1.19 0.00	48.58 1.23 0.00	47.53 1.16 0.00	48.35 1.18 0.00	48.77 1.23 0.00	48.68 1.23 0.00	49.78 1.26 0.00	57.24 1.45 0.00	53.91 1.26 0.00	47.52 1.16 0.00	46.66 1.23 0.00	43.78 0.90 0.00	39.40 0.54 0.00	37.45 0.45 0.00
FORT_DRUM_COGEN 23780	39.28 -0.24 0.00	36.29 -0.18 0.00	33.72 -0.20 0.00	34.30 -0.17 0.00	33.43 -0.13 0.00	33.75 -0.07 0.00	33.54 -0.27 0.00	35.75 -0.18 0.00	37.88 -0.04 0.00	43.42 0.39 0.00	48.08 0.62 0.00	47.78 0.43 0.00	46.74 0.37 0.00	47.69 0.52 0.00	48.01 0.48 0.00	47.78 0.33 0.00	49.10 0.58 0.00	56.57 0.78 0.00	53.39 0.74 0.00	46.92 0.56 0.00	45.70 0.27 0.00	42.96 0.09 0.00	38.66 -0.19 0.00	36.74 -0.26 0.00
FOX_HILLS___ESR 323835	41.89 2.37 0.00	38.26 1.79 0.00	35.48 1.56 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.10 1.28 0.00	37.33 1.40 0.00	39.59 1.67 0.00	45.31 2.28 0.00	50.41 2.90 -0.06	50.43 3.08 0.00	49.38 3.01 0.00	50.26 3.07 -0.02	50.92 3.33 -0.06	50.67 3.23 0.00	51.92 3.35 -0.06	59.77 3.96 -0.02	56.12 3.47 0.00	49.71 3.29 -0.06	48.85 3.36 -0.06	45.76 2.83 -0.06	41.32 2.41 -0.06	39.07 2.07 0.00
FPL_FAR_ROCK_GT1 24212	46.83 3.16 -4.14	39.06 2.59 0.00	36.26 2.34 0.00	36.57 2.10 0.00	35.65 2.08 0.00	36.18 2.27 -0.10	36.08 2.27 0.00	39.92 2.48 -1.51	43.30 2.85 -2.53	51.44 3.40 -5.01	52.58 3.80 -1.33	53.50 3.98 -2.18	54.09 3.90 -3.83	54.54 3.96 -3.41	54.22 3.99 -2.69	54.49 4.03 -3.01	57.38 4.17 -4.69	65.78 5.02 -4.96	56.97 4.32 0.00	53.98 3.99 -3.63	53.47 4.13 -3.90	52.55 3.43 -6.24	51.32 3.15 -9.32	46.82 2.81 -7.01
FPL_FAR_ROCK_GT2 23815	46.83 3.16 -4.14	39.06 2.59 0.00	36.26 2.34 0.00	36.57 2.10 0.00	35.65 2.08 0.00	36.18 2.27 -0.10	36.08 2.27 0.00	39.92 2.48 -1.51	43.30 2.85 -2.53	51.44 3.40 -5.01	52.58 3.80 -1.33	53.50 3.98 -2.18	54.09 3.90 -3.83	54.54 3.96 -3.41	54.22 3.99 -2.69	54.49 4.03 -3.01	57.38 4.17 -4.69	65.78 5.02 -4.96	56.97 4.32 0.00	53.98 3.99 -3.63	53.47 4.13 -3.90	52.55 3.43 -6.24	51.32 3.15 -9.32	46.82 2.81 -7.01

FRANKLIN_FALL_HYD 24054	40.51 0.99 0.00	37.42 0.95 0.00	34.77 0.85 0.00	35.40 0.93 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.73 0.91 0.00	36.97 1.04 0.00	39.21 1.29 0.00	43.98 0.95 0.00	48.27 0.81 0.00	48.11 0.76 0.00	47.30 0.93 0.00	47.93 0.75 0.00	48.20 0.67 0.00	48.21 0.76 0.00	49.34 0.82 0.00	56.29 0.50 0.00	53.60 0.95 0.00	47.38 1.02 0.00	46.65 1.23 0.00	44.16 1.29 0.00	40.10 1.24 0.00	38.22 1.22 0.00
FREEPORT_EQUS_GT1 23764	46.63 2.97 -4.14	38.84 2.37 0.00	36.06 2.14 0.00	36.37 1.89 0.00	35.44 1.88 0.00	35.98 2.06 -0.10	35.88 2.06 0.00	39.70 2.26 -1.51	43.07 2.61 -2.53	51.14 3.10 -5.01	52.73 3.94 -1.33	53.60 4.07 -2.18	54.23 4.03 -3.83	54.68 4.10 -3.41	54.41 4.18 -2.70	54.68 4.22 -3.01	57.57 4.37 -4.69	65.88 5.13 -4.96	57.12 4.47 0.00	54.17 4.17 -3.63	53.65 4.32 -3.91	52.76 3.64 -6.24	51.09 2.92 -9.32	46.60 2.59 -7.01
FREEPORT___CT2 23818	46.63 2.97 -4.14	38.84 2.37 0.00	36.06 2.14 0.00	36.37 1.89 0.00	35.44 1.88 0.00	35.98 2.06 -0.10	35.88 2.06 0.00	39.70 2.26 -1.51	43.07 2.61 -2.53	51.14 3.10 -5.01	52.73 3.94 -1.33	53.60 4.07 -2.18	54.23 4.03 -3.83	54.68 4.10 -3.41	54.41 4.18 -2.70	54.68 4.22 -3.01	57.57 4.37 -4.69	65.88 5.13 -4.96	57.12 4.47 0.00	54.17 4.17 -3.63	53.65 4.32 -3.91	52.76 3.64 -6.24	51.09 2.92 -9.32	46.60 2.59 -7.01
FRESHKLS_33_KV_LOAD 356253	41.85 2.33 0.00	38.18 1.71 0.00	35.42 1.49 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.04 1.22 0.00	35.06 1.25 0.00	37.26 1.33 0.00	39.51 1.59 0.00	45.23 2.19 0.00	50.32 2.80 -0.06	50.29 2.94 0.00	49.29 2.92 0.00	50.17 2.97 -0.02	50.82 3.23 -0.06	50.58 3.13 0.00	51.87 3.30 -0.06	59.72 3.91 -0.02	56.12 3.47 0.00	49.66 3.25 -0.06	48.80 3.32 -0.06	45.68 2.74 -0.06	41.24 2.33 -0.06	39.00 2.00 0.00
FULTON COGEN____ 23766	38.37 -1.15 0.00	35.49 -0.98 0.00	32.97 -0.95 0.00	33.54 -0.93 0.00	32.66 -0.91 0.00	32.91 -0.91 0.00	32.90 -0.91 0.00	35.00 -0.93 0.00	36.86 -1.06 0.00	42.13 -0.90 0.00	46.46 -1.00 0.00	46.31 -1.04 0.00	45.30 -1.07 0.00	46.09 -1.08 0.00	46.39 -1.14 0.00	46.31 -1.14 0.00	47.35 -1.16 0.00	54.51 -1.28 0.00	51.44 -1.21 0.00	45.25 -1.11 0.00	44.25 -1.18 0.00	41.59 -1.29 0.00	37.69 -1.17 0.00	35.96 -1.04 0.00
FULTON___LFGE 323630	44.62 5.10 0.00	41.14 4.67 0.00	38.20 4.27 0.00	38.81 4.34 0.00	37.52 3.96 0.00	37.98 4.16 0.00	38.04 4.23 0.00	40.67 4.74 0.00	43.00 5.08 0.00	49.32 6.28 0.00	55.10 7.64 0.00	55.12 7.77 0.00	53.60 7.23 0.00	54.53 7.36 0.00	55.04 7.51 0.00	54.99 7.55 0.00	56.43 7.91 0.00	65.05 9.26 0.00	61.07 8.42 0.00	53.55 7.19 0.00	52.47 7.04 0.00	48.93 6.05 0.00	43.71 4.86 0.00	41.59 4.59 0.00
G.F.CEMENT___DRP 24184	41.53 2.02 0.00	38.26 1.79 0.00	35.48 1.56 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.24 1.42 0.00	35.27 1.45 0.00	37.40 1.47 0.00	39.66 1.74 0.00	45.62 2.58 0.00	50.64 3.18 0.00	50.57 3.22 0.00	49.38 3.01 0.00	50.19 3.02 0.00	50.53 2.99 0.00	50.34 2.89 0.00	51.52 3.01 0.00	59.41 3.63 0.00	55.91 3.26 0.00	49.10 2.74 0.00	48.15 2.73 0.00	44.98 2.10 0.00	40.45 1.59 0.00	38.44 1.44 0.00
GARDENVILLE___LBMP 24039	38.06 -1.46 0.00	35.56 -0.91 0.00	33.11 -0.81 0.00	33.82 -0.65 0.00	33.19 -0.37 0.00	33.48 -0.34 0.00	33.37 -0.44 0.00	35.32 -0.61 0.00	36.21 -1.71 0.00	42.00 -1.03 0.00	44.95 -2.52 0.00	44.04 -3.31 0.00	43.31 -3.06 0.00	43.96 -3.21 0.00	44.06 -3.47 0.00	44.27 -3.18 0.00	45.07 -3.44 0.00	52.22 -3.57 0.00	49.28 -3.37 0.00	43.53 -2.83 0.00	42.48 -2.95 0.00	39.71 -3.17 0.00	36.80 -2.06 0.00	35.85 -1.15 0.00
GARDNVLA_35_KV_LD 355827	38.29 -1.23 0.00	35.78 -0.69 0.00	33.31 -0.61 0.00	33.99 -0.48 0.00	33.36 -0.20 0.00	33.65 -0.17 0.00	33.54 -0.27 0.00	35.53 -0.40 0.00	36.44 -1.48 0.00	42.26 -0.77 0.00	45.23 -2.23 0.00	44.32 -3.03 0.00	43.59 -2.78 0.00	44.25 -2.92 0.00	44.35 -3.18 0.00	44.55 -2.89 0.00	45.36 -3.15 0.00	52.55 -3.24 0.00	49.60 -3.05 0.00	43.81 -2.55 0.00	42.79 -2.63 0.00	39.96 -2.92 0.00	37.07 -1.79 0.00	36.11 -0.89 0.00
GELCKHM___115KV_LOAD 80723	38.65 -0.87 0.00	35.74 -0.73 0.00	33.25 -0.68 0.00	33.78 -0.69 0.00	32.93 -0.64 0.00	33.18 -0.64 0.00	33.17 -0.64 0.00	35.28 -0.65 0.00	37.12 -0.80 0.00	42.43 -0.60 0.00	46.75 -0.71 0.00	46.55 -0.80 0.00	45.58 -0.79 0.00	46.37 -0.80 0.00	46.68 -0.86 0.00	46.59 -0.85 0.00	47.64 -0.87 0.00	54.84 -0.95 0.00	51.75 -0.90 0.00	45.53 -0.83 0.00	44.52 -0.91 0.00	41.89 -0.99 0.00	37.96 -0.89 0.00	36.22 -0.78 0.00
GENERAL___MILLS 23808	38.21 -1.30 0.00	35.70 -0.77 0.00	33.25 -0.68 0.00	33.95 -0.52 0.00	33.33 -0.23 0.00	33.58 -0.24 0.00	33.51 -0.30 0.00	35.46 -0.47 0.00	36.36 -1.55 0.00	42.17 -0.86 0.00	45.13 -2.33 0.00	44.22 -3.13 0.00	43.49 -2.87 0.00	44.15 -3.02 0.00	44.25 -3.28 0.00	44.46 -2.99 0.00	45.27 -3.25 0.00	52.44 -3.35 0.00	49.49 -3.16 0.00	43.72 -2.64 0.00	42.70 -2.73 0.00	39.88 -3.00 0.00	36.99 -1.87 0.00	36.04 -0.96 0.00
GE_PLASTICS___DRP 24183	40.31 0.79 0.00	37.16 0.69 0.00	34.57 0.64 0.00	35.13 0.65 0.00	34.13 0.57 0.00	34.39 0.57 0.00	34.46 0.64 0.00	36.54 0.61 0.00	38.64 0.72 0.00	44.07 1.03 0.00	48.79 1.33 0.00	48.72 1.37 0.00	47.71 1.34 0.00	48.54 1.37 0.00	48.91 1.38 0.00	48.82 1.38 0.00	49.92 1.41 0.00	57.46 1.67 0.00	54.12 1.47 0.00	47.66 1.30 0.00	46.75 1.32 0.00	43.91 1.03 0.00	39.63 0.78 0.00	37.67 0.67 0.00
GILBOA___1 23756	40.51 0.99 0.00	37.31 0.84 0.00	34.67 0.75 0.00	35.20 0.73 0.00	34.37 0.80 0.00	34.53 0.71 0.00	34.56 0.74 0.00	36.69 0.76 0.00	38.79 0.87 0.00	44.11 1.08 0.00	48.93 1.47 0.00	48.86 1.51 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.05 1.52 0.00	49.01 1.56 0.00	50.11 1.60 0.00	57.63 1.84 0.00	54.33 1.68 0.00	47.89 1.53 0.00	47.02 1.59 0.00	44.12 1.24 0.00	39.79 0.93 0.00	37.85 0.85 0.00
GILBOA___2 23757	40.51 0.99 0.00	37.31 0.84 0.00	34.67 0.75 0.00	35.20 0.73 0.00	34.37 0.80 0.00	34.53 0.71 0.00	34.56 0.74 0.00	36.69 0.76 0.00	38.79 0.87 0.00	44.11 1.08 0.00	48.93 1.47 0.00	48.86 1.51 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.05 1.52 0.00	49.01 1.56 0.00	50.11 1.60 0.00	57.63 1.84 0.00	54.33 1.68 0.00	47.89 1.53 0.00	47.02 1.59 0.00	44.12 1.24 0.00	39.79 0.93 0.00	37.85 0.85 0.00
GILBOA___3 23758	40.51 0.99 0.00	37.31 0.84 0.00	34.67 0.75 0.00	35.20 0.73 0.00	34.37 0.80 0.00	34.53 0.71 0.00	34.56 0.74 0.00	36.69 0.76 0.00	38.79 0.87 0.00	44.11 1.08 0.00	48.93 1.47 0.00	48.86 1.51 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.05 1.52 0.00	49.01 1.56 0.00	50.11 1.60 0.00	57.63 1.84 0.00	54.33 1.68 0.00	47.89 1.53 0.00	47.02 1.59 0.00	44.12 1.24 0.00	39.79 0.93 0.00	37.85 0.85 0.00

GILBOA___4 23759	40.51 0.99 0.00	37.31 0.84 0.00	34.67 0.75 0.00	35.20 0.73 0.00	34.37 0.80 0.00	34.53 0.71 0.00	34.56 0.74 0.00	36.69 0.76 0.00	38.79 0.87 0.00	44.11 1.08 0.00	48.93 1.47 0.00	48.86 1.51 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.05 1.52 0.00	49.01 1.56 0.00	50.11 1.60 0.00	57.63 1.84 0.00	54.33 1.68 0.00	47.89 1.53 0.00	47.02 1.59 0.00	44.12 1.24 0.00	39.79 0.93 0.00	37.85 0.85 0.00
GILBOA____ 23599	40.51 0.99 0.00	37.31 0.84 0.00	34.81 0.88 0.00	35.33 0.86 0.00	34.37 0.81 0.00	34.53 0.71 0.00	34.56 0.74 0.00	36.72 0.79 0.00	38.79 0.87 0.00	44.28 1.25 0.00	48.93 1.47 0.00	48.87 1.52 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.10 1.57 0.00	49.01 1.57 0.00	50.12 1.60 0.00	57.69 1.90 0.00	54.33 1.68 0.00	47.84 1.48 0.00	46.93 1.50 0.00	44.08 1.20 0.00	39.79 0.93 0.00	37.85 0.85 0.00
GINNA____ 23603	36.44 -3.08 0.00	33.84 -2.63 0.00	31.68 -2.24 0.00	32.26 -2.21 0.00	31.38 -2.18 0.00	31.65 -2.17 0.00	31.58 -2.23 0.00	33.63 -2.30 0.00	34.96 -2.96 0.00	39.42 -3.61 0.00	43.90 -3.56 0.00	43.56 -3.79 0.00	42.66 -3.71 0.00	43.44 -3.73 0.00	43.78 -3.76 0.00	43.70 -3.75 0.00	44.63 -3.88 0.00	51.27 -4.52 0.00	48.60 -4.05 0.00	42.84 -3.53 0.00	41.61 -3.82 0.00	39.45 -3.43 0.00	35.71 -3.15 0.00	34.30 -2.70 0.00
GLEN PARK____ 23778	39.44 -0.08 0.00	36.43 -0.04 0.00	33.89 -0.03 0.00	34.44 -0.03 0.00	33.60 0.03 0.00	33.89 0.07 0.00	33.68 -0.13 0.00	35.89 -0.04 0.00	38.03 0.11 0.00	43.55 0.52 0.00	48.36 0.90 0.00	48.06 0.71 0.00	47.02 0.65 0.00	47.97 0.80 0.00	48.29 0.76 0.00	48.06 0.62 0.00	49.39 0.87 0.00	56.90 1.12 0.00	53.70 1.05 0.00	47.20 0.84 0.00	45.93 0.50 0.00	43.22 0.34 0.00	38.82 -0.04 0.00	36.89 -0.11 0.00
GLENDALE_27_KV_LOAD 356172	42.01 2.49 0.00	38.40 1.93 0.00	35.65 1.73 0.00	36.06 1.59 0.00	35.04 1.48 0.00	35.31 1.49 0.00	35.27 1.45 0.00	37.51 1.58 0.00	39.81 1.90 0.00	45.57 2.54 0.00	50.59 3.13 0.00	50.62 3.27 0.00	49.62 3.25 0.00	50.47 3.30 0.00	51.05 3.52 0.00	50.86 3.42 0.00	52.06 3.54 0.00	59.97 4.18 0.00	56.33 3.69 0.00	49.79 3.43 0.00	48.97 3.54 0.00	45.84 2.96 0.00	41.38 2.53 0.00	39.18 2.18 0.00
GLENWOOD_IC_1_G5 23712	46.55 -4.14 0.00	38.80 2.33 0.00	36.03 2.10 0.00	36.33 1.86 0.00	35.41 1.85 0.00	35.91 2.00 -0.10	35.84 2.03 0.00	39.70 2.26 -1.51	43.03 2.58 -2.53	51.36 3.31 -5.01	52.30 3.51 -1.33	53.22 3.69 -2.18	53.82 3.62 -3.83	54.26 3.68 -3.41	54.03 3.80 -2.69	54.25 3.80 -3.01	57.09 3.88 -4.69	65.38 4.63 -4.96	56.65 4.00 0.00	53.65 3.66 -3.63	53.01 3.68 -3.91	52.25 3.13 -6.24	51.05 2.88 -9.32	46.56 2.55 -7.01
GLENWOOD_IC_2_G1 23688	46.43 2.77 -4.14	38.69 2.22 0.00	35.96 2.04 0.00	36.26 1.79 0.00	35.31 1.74 0.00	35.85 1.93 -0.10	35.74 1.93 0.00	39.56 2.12 -1.51	42.91 2.46 -2.53	51.01 2.97 -5.01	52.44 3.65 -1.33	53.31 3.79 -2.18	53.91 3.71 -3.83	54.35 3.78 -3.41	54.07 3.85 -2.69	54.35 3.89 -3.01	57.18 3.98 -4.69	65.44 4.69 -4.96	56.76 4.11 0.00	53.79 3.80 -3.63	53.33 4.00 -3.90	52.42 3.30 -6.24	50.93 2.76 -9.32	46.45 2.44 -7.01
GLENWOOD_IC_3_G1 23689	46.43 2.77 -4.14	38.69 2.22 0.00	35.96 2.04 0.00	36.26 1.79 0.00	35.31 1.74 0.00	35.85 1.93 -0.10	35.74 1.93 0.00	39.56 2.12 -1.51	42.91 2.46 -2.53	51.01 2.97 -5.01	52.44 3.65 -1.33	53.31 3.79 -2.18	53.91 3.71 -3.83	54.35 3.78 -3.41	54.07 3.85 -2.69	54.35 3.89 -3.01	57.18 3.98 -4.69	65.44 4.69 -4.96	56.76 4.11 0.00	53.79 3.80 -3.63	53.33 4.00 -3.90	52.42 3.30 -6.24	50.93 2.76 -9.32	46.45 2.44 -7.01
GLENWOOD___4 23550	46.55 2.88 -4.14	38.80 2.33 0.00	36.03 2.10 0.00	36.33 1.86 0.00	35.41 1.85 0.00	35.91 2.00 -0.10	35.84 2.03 0.00	39.70 2.26 -1.51	43.03 2.58 -2.53	51.36 3.31 -5.01	52.44 3.65 -1.33	53.36 3.84 -2.18	53.96 3.76 -3.83	54.40 3.82 -3.41	54.12 3.90 -2.69	54.35 3.89 -3.01	57.18 3.98 -4.69	65.55 4.80 -4.96	56.76 4.11 0.00	53.79 3.80 -3.63	53.15 3.82 -3.91	52.33 3.22 -6.24	51.05 2.88 -9.32	46.56 2.55 -7.01
GLENWOOD___5 23614	46.55 2.88 -4.14	38.80 2.33 0.00	36.03 2.10 0.00	36.33 1.86 0.00	35.41 1.85 0.00	35.91 2.00 -0.10	35.84 2.03 0.00	39.70 2.26 -1.51	43.03 2.58 -2.53	51.36 3.31 -5.01	52.44 3.65 -1.33	53.36 3.84 -2.18	53.96 3.76 -3.83	54.40 3.82 -3.41	54.12 3.90 -2.69	54.35 3.89 -3.01	57.18 3.98 -4.69	65.55 4.80 -4.96	56.76 4.11 0.00	53.79 3.80 -3.63	53.15 3.82 -3.91	52.33 3.22 -6.24	51.05 2.88 -9.32	46.56 2.55 -7.01
GLOBAL GREEN_PORT_GT1 23814	48.56 4.90 -4.14	40.52 4.05 0.00	37.66 3.73 0.00	37.85 3.38 0.00	37.02 3.46 0.00	37.64 3.72 -0.10	37.50 3.69 0.00	41.50 4.06 -1.51	44.81 4.36 -2.53	53.16 5.12 -5.01	55.39 6.59 -1.33	56.16 6.63 -2.18	56.74 6.54 -3.83	57.24 6.65 -3.41	56.98 6.75 -2.70	57.34 6.88 -3.02	60.58 7.37 -4.69	69.18 8.42 -4.96	59.92 7.27 0.00	56.30 6.30 -3.63	56.11 6.77 -3.91	55.00 5.87 -6.24	53.04 4.86 -9.33	48.37 4.36 -7.01
GLOBE___DSASP 323697	36.32 -3.20 0.00	33.92 -2.55 0.00	31.62 -2.31 0.00	32.26 -2.21 0.00	31.72 -1.85 0.00	31.99 -1.83 0.00	31.85 -1.96 0.00	33.70 -2.23 0.00	34.39 -3.53 0.00	40.02 -3.01 0.00	42.57 -4.89 0.00	41.67 -5.68 0.00	41.08 -5.29 0.00	41.60 -5.57 0.00	41.73 -5.80 0.00	41.94 -5.50 0.00	42.65 -5.87 0.00	49.37 -6.42 0.00	46.59 -6.05 0.00	41.21 -5.15 0.00	40.29 -5.13 0.00	37.60 -5.27 0.00	35.01 -3.85 0.00	34.19 -2.81 0.00
GOETHSLN___LBMP 323567	41.50 1.98 0.00	37.97 1.50 0.00	35.25 1.32 0.00	35.64 1.17 0.00	34.64 1.07 0.00	34.97 1.15 0.00	35.00 1.18 0.00	37.26 1.33 0.00	39.55 1.63 0.00	45.23 2.19 0.00	50.07 2.61 0.00	50.14 2.79 0.00	49.15 2.78 0.00	50.00 2.83 0.00	50.48 2.95 0.00	50.39 2.94 0.00	51.52 3.01 0.00	59.41 3.63 0.00	55.81 3.16 0.00	49.24 2.87 0.00	48.38 2.95 0.00	45.37 2.49 0.00	40.88 2.02 0.00	38.70 1.70 0.00
GOLAH___69_KV_TB 1_2 80279	38.14 -1.38 0.00	35.45 -1.02 0.00	33.01 -0.92 0.00	33.64 -0.83 0.00	32.99 -0.57 0.00	33.24 -0.57 0.00	33.17 -0.64 0.00	35.14 -0.79 0.00	36.48 -1.44 0.00	42.22 -0.82 0.00	45.66 -1.80 0.00	45.12 -2.23 0.00	44.19 -2.18 0.00	44.86 -2.31 0.00	45.06 -2.47 0.00	45.08 -2.37 0.00	46.04 -2.47 0.00	53.22 -2.57 0.00	50.23 -2.42 0.00	44.37 -1.99 0.00	43.34 -2.09 0.00	40.56 -2.32 0.00	37.22 -1.63 0.00	35.93 -1.07 0.00
GOODYEAR_LAKE_HYD 323669	41.38 1.86 0.00	38.18 1.71 0.00	35.48 1.56 0.00	36.02 1.55 0.00	35.07 1.51 0.00	35.38 1.56 0.00	35.30 1.49 0.00	37.62 1.69 0.00	39.74 1.82 0.00	45.53 2.50 0.00	50.36 2.90 0.00	50.19 2.84 0.00	49.15 2.78 0.00	49.95 2.78 0.00	50.38 2.85 0.00	50.20 2.75 0.00	51.43 2.91 0.00	59.25 3.46 0.00	55.81 3.16 0.00	49.10 2.74 0.00	47.97 2.54 0.00	44.98 2.10 0.00	40.56 1.71 0.00	38.63 1.63 0.00

GOUDEY___1 345031	39.60 0.08 0.00	36.69 0.22 0.00	34.13 0.20 0.00	34.71 0.24 0.00	33.87 0.30 0.00	34.12 0.30 0.00	34.15 0.34 0.00	36.29 0.36 0.00	38.03 0.11 0.00	43.51 0.47 0.00	47.75 0.28 0.00	47.44 0.09 0.00	46.51 0.14 0.00	47.27 0.09 0.00	47.58 0.05 0.00	47.54 0.09 0.00	48.61 0.10 0.00	56.01 0.22 0.00	52.86 0.21 0.00	46.55 0.19 0.00	45.47 0.05 0.00	42.71 -0.17 0.00	38.82 -0.04 0.00	37.15 0.15 0.00
GOUDEY___7 23579	39.64 0.12 0.00	36.73 0.26 0.00	34.16 0.24 0.00	34.75 0.28 0.00	33.90 0.34 0.00	34.16 0.34 0.00	34.18 0.37 0.00	36.33 0.40 0.00	38.07 0.15 0.00	43.55 0.52 0.00	47.79 0.33 0.00	47.49 0.14 0.00	46.56 0.19 0.00	47.31 0.14 0.00	47.67 0.14 0.00	47.59 0.14 0.00	48.66 0.15 0.00	56.07 0.28 0.00	52.91 0.26 0.00	46.59 0.23 0.00	45.52 0.09 0.00	42.75 -0.13 0.00	38.85 0.00 0.00	37.19 0.19 0.00
GOUDEY___8 23580	39.60 0.08 0.00	36.69 0.22 0.00	34.13 0.20 0.00	34.71 0.24 0.00	33.87 0.30 0.00	34.12 0.30 0.00	34.15 0.34 0.00	36.29 0.36 0.00	38.03 0.11 0.00	43.51 0.47 0.00	47.75 0.28 0.00	47.44 0.09 0.00	46.51 0.14 0.00	47.27 0.09 0.00	47.58 0.05 0.00	47.54 0.09 0.00	48.61 0.10 0.00	56.01 0.22 0.00	52.86 0.21 0.00	46.55 0.19 0.00	45.47 0.05 0.00	42.71 -0.17 0.00	38.82 -0.04 0.00	37.15 0.15 0.00
GOWANUS_GT1_1 24077	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT1_2 24078	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT1_3 24079	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 0.00	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT1_4 24080	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT1_5 24084	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT1_6 24111	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT1_7 24112	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT1_8 24113	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT2_1 24114	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
GOWANUS_GT2_2 24115	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
GOWANUS_GT2_3 24116	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
GOWANUS_GT2_4 24117	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00

GOWANUS_GT2_5 24118	42.01 <u>2.49</u> 0.00	38.40 <u>1.93</u> 0.00	35.62 <u>1.70</u> 0.00	35.99 <u>1.51</u> 0.00	34.97 <u>1.41</u> 0.00	35.24 <u>1.42</u> 0.00	35.23 <u>1.42</u> 0.00	37.37 <u>1.44</u> 0.00	39.78 <u>1.86</u> 0.00	45.31 <u>2.28</u> 0.00	50.60 <u>3.08</u> -0.06	50.61 <u>3.26</u> 0.00	49.61 <u>3.24</u> 0.00	50.54 <u>3.35</u> -0.02	50.91 <u>3.33</u> -0.06	50.82 <u>3.37</u> 0.00	52.07 <u>3.50</u> -0.06	59.94 <u>4.13</u> -0.02	56.33 <u>3.68</u> 0.00	49.90 <u>3.48</u> -0.06	49.25 <u>3.77</u> -0.06	45.98 <u>3.04</u> -0.06	41.43 <u>2.52</u> -0.06	39.18 <u>2.18</u> 0.00
GOWANUS_GT2_6 24119	42.01 <u>2.49</u> 0.00	38.40 <u>1.93</u> 0.00	35.62 <u>1.70</u> 0.00	35.99 <u>1.51</u> 0.00	34.97 <u>1.41</u> 0.00	35.24 <u>1.42</u> 0.00	35.23 <u>1.42</u> 0.00	37.37 <u>1.44</u> 0.00	39.78 <u>1.86</u> 0.00	45.31 <u>2.28</u> 0.00	50.60 <u>3.08</u> -0.06	50.61 <u>3.26</u> 0.00	49.61 <u>3.24</u> 0.00	50.54 <u>3.35</u> -0.02	50.91 <u>3.33</u> -0.06	50.82 <u>3.37</u> 0.00	52.07 <u>3.50</u> -0.06	59.94 <u>4.13</u> -0.02	56.33 <u>3.68</u> 0.00	49.90 <u>3.48</u> -0.06	49.25 <u>3.77</u> -0.06	45.98 <u>3.04</u> -0.06	41.43 <u>2.52</u> -0.06	39.18 <u>2.18</u> 0.00
GOWANUS_GT2_7 24120	42.01 <u>2.49</u> 0.00	38.40 <u>1.93</u> 0.00	35.62 <u>1.70</u> 0.00	35.99 <u>1.51</u> 0.00	34.97 <u>1.41</u> 0.00	35.24 <u>1.42</u> 0.00	35.23 <u>1.42</u> 0.00	37.37 <u>1.44</u> 0.00	39.78 <u>1.86</u> 0.00	45.31 <u>2.28</u> 0.00	50.60 <u>3.08</u> -0.06	50.61 <u>3.26</u> 0.00	49.61 <u>3.24</u> 0.00	50.54 <u>3.35</u> -0.02	50.91 <u>3.33</u> -0.06	50.82 <u>3.37</u> 0.00	52.07 <u>3.50</u> -0.06	59.94 <u>4.13</u> -0.02	56.33 <u>3.68</u> 0.00	49.90 <u>3.48</u> -0.06	49.25 <u>3.77</u> -0.06	45.98 <u>3.04</u> -0.06	41.43 <u>2.52</u> -0.06	39.18 <u>2.18</u> 0.00
GOWANUS_GT2_8 24121	42.01 <u>2.49</u> 0.00	38.40 <u>1.93</u> 0.00	35.62 <u>1.70</u> 0.00	35.99 <u>1.51</u> 0.00	34.97 <u>1.41</u> 0.00	35.24 <u>1.42</u> 0.00	35.23 <u>1.42</u> 0.00	37.37 <u>1.44</u> 0.00	39.78 <u>1.86</u> 0.00	45.31 <u>2.28</u> 0.00	50.60 <u>3.08</u> -0.06	50.61 <u>3.26</u> 0.00	49.61 <u>3.24</u> 0.00	50.54 <u>3.35</u> -0.02	50.91 <u>3.33</u> -0.06	50.82 <u>3.37</u> 0.00	52.07 <u>3.50</u> -0.06	59.94 <u>4.13</u> -0.02	56.33 <u>3.68</u> 0.00	49.90 <u>3.48</u> -0.06	49.25 <u>3.77</u> -0.06	45.98 <u>3.04</u> -0.06	41.43 <u>2.52</u> -0.06	39.18 <u>2.18</u> 0.00
GOWANUS_GT3_1 24122	42.01 <u>2.49</u> 0.00	38.40 <u>1.93</u> 0.00	35.62 <u>1.70</u> 0.00	35.99 <u>1.51</u> 0.00	34.97 <u>1.41</u> 0.00	35.24 <u>1.42</u> 0.00	35.23 <u>1.42</u> 0.00	37.37 <u>1.44</u> 0.00	39.78 <u>1.86</u> 0.00	45.31 <u>2.28</u> 0.00	50.60 <u>3.08</u> -0.06	50.61 <u>3.26</u> 0.00	49.61 <u>3.24</u> 0.00	50.54 <u>3.35</u> -0.02	50.91 <u>3.33</u> -0.06	50.82 <u>3.37</u> 0.00	52.07 <u>3.50</u> -0.06	59.94 <u>4.13</u> -0.02	56.33 <u>3.68</u> 0.00	49.90 <u>3.48</u> -0.06	49.25 <u>3.77</u> -0.06	45.98 <u>3.04</u> -0.06	41.43 <u>2.52</u> -0.06	39.18 <u>2.18</u> 0.00
GOWANUS_GT3_2 24123	42.01 <u>2.49</u> 0.00	38.40 <u>1.93</u> 0.00	35.62 <u>1.70</u> 0.00	35.99 <u>1.51</u> 0.00	34.97 <u>1.41</u> 0.00	35.24 <u>1.42</u> 0.00	35.23 <u>1.42</u> 0.00	37.37 <u>1.44</u> 0.00	39.78 <u>1.86</u> 0.00	45.31 <u>2.28</u> 0.00	50.60 <u>3.08</u> -0.06	50.61 <u>3.26</u> 0.00	49.61 <u>3.24</u> 0.00	50.54 <u>3.35</u> -0.02	50.91 <u>3.33</u> -0.06	50.82 <u>3.37</u> 0.00	52.07 <u>3.50</u> -0.06	59.94 <u>4.13</u> -0.02	56.33 <u>3.68</u> 0.00	49.90 <u>3.48</u> -0.06	49.25 <u>3.77</u> -0.06	45.98 <u>3.04</u> -0.06	41.43 <u>2.52</u> -0.06	39.18 <u>2.18</u> 0.00
GOWANUS_GT3_3 2																								

GOWANUS_GT4_4 24133	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT4_5 24134	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT4_6 24135	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT4_7 24136	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GOWANUS_GT4_8 24137	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GREENBSH_115KV_TB3 55895	40.11 0.59 0.00	36.98 0.51 0.00	34.40 0.47 0.00	34.95 0.48 0.00	33.97 0.40 0.00	34.26 0.44 0.00	34.32 0.51 0.00	36.40 0.47 0.00	38.45 0.53 0.00	43.89 0.86 0.00	48.65 1.19 0.00	48.58 1.23 0.00	47.53 1.16 0.00	48.35 1.18 0.00	48.77 1.24 0.00	48.68 1.23 0.00	49.73 1.21 0.00	57.29 1.51 0.00	53.91 1.26 0.00	47.47 1.11 0.00	46.56 1.14 0.00	43.74 0.86 0.00	39.44 0.58 0.00	37.48 0.48 0.00
GREENDGE_115KV_TB5 80291	39.28 -0.24 0.00	36.76 0.29 0.00	34.23 0.31 0.00	34.82 0.34 0.00	34.00 0.44 0.00	34.33 0.51 0.00	34.35 0.54 0.00	36.47 0.54 0.00	38.03 0.11 0.00	43.34 0.30 0.00	47.41 -0.05 0.00	46.92 -0.43 0.00	45.95 -0.42 0.00	46.70 -0.47 0.00	46.96 -0.57 0.00	47.02 -0.43 0.00	48.08 -0.44 0.00	55.45 -0.33 0.00	52.49 -0.16 0.00	46.08 -0.28 0.00	44.88 -0.55 0.00	42.06 -0.81 0.00	38.62 -0.23 0.00	37.11 0.11 0.00
GREENIDGE___3 23582	39.28 -0.24 0.00	36.76 0.29 0.00	34.23 0.31 0.00	34.82 0.34 0.00	34.00 0.44 0.00	34.33 0.51 0.00	34.35 0.54 0.00	36.47 0.54 0.00	38.03 0.11 0.00	43.34 0.30 0.00	47.41 -0.05 0.00	46.92 -0.43 0.00	45.95 -0.42 0.00	46.70 -0.47 0.00	46.96 -0.57 0.00	47.02 -0.43 0.00	48.08 -0.44 0.00	55.45 -0.33 0.00	52.49 -0.16 0.00	46.08 -0.28 0.00	44.88 -0.55 0.00	42.06 -0.81 0.00	38.62 -0.23 0.00	37.11 0.11 0.00
GREENIDGE___4 23583	39.28 -0.24 0.00	36.76 0.29 0.00	34.36 0.44 0.00	34.99 0.52 0.00	34.00 0.44 0.00	34.33 0.51 0.00	34.35 0.54 0.00	36.58 0.65 0.00	38.03 0.11 0.00	42.52 -0.51 0.00	47.41 -0.05 0.00	46.97 -0.38 0.00	45.95 -0.42 0.00	46.70 -0.47 0.00	47.10 -0.43 0.00	47.02 -0.43 0.00	48.08 -0.44 0.00	55.29 -0.50 0.00	52.49 -0.16 0.00	46.13 -0.23 0.00	44.75 -0.68 0.00	42.37 -0.51 0.00	38.62 -0.23 0.00	37.11 0.11 0.00
GREENLWN_69_KV_BK 3 55738	46.75 3.08 -4.14	38.95 2.48 0.00	36.16 2.24 0.00	36.47 2.00 0.00	35.54 1.98 0.00	36.08 2.16 -0.10	36.01 2.20 0.00	39.88 2.44 -1.51	43.18 2.73 -2.53	51.49 3.44 -5.01	52.87 4.08 -1.33	53.75 4.21 -2.18	54.28 4.08 -3.83	54.69 4.10 -3.41	54.46 4.23 -2.70	54.69 4.22 -3.02	57.28 4.08 -4.69	65.61 4.85 -4.96	56.86 4.21 0.00	54.12 4.13 -3.63	53.56 4.22 -3.91	52.77 3.64 -6.24	51.25 3.07 -9.33	46.71 2.70 -7.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00
GRISSOM___SOLAR 323813	44.62 5.10 0.00	41.14 4.67 0.00	38.20 4.27 0.00	38.81 4.34 0.00	37.52 3.96 0.00	37.98 4.16 0.00	38.04 4.23 0.00	40.67 4.74 0.00	43.00 5.08 0.00	49.32 6.28 0.00	55.10 7.64 0.00	55.12 7.77 0.00	53.60 7.23 0.00	54.53 7.36 0.00	55.04 7.51 0.00	54.99 7.55 0.00	56.43 7.91 0.00	65.05 9.26 0.00	61.07 8.42 0.00	53.55 7.19 0.00	52.47 7.04 0.00	48.93 6.05 0.00	43.71 4.86 0.00	41.59 4.59 0.00
GROVEVILLE___HYD 323602	41.81 2.29 0.00	38.40 1.93 0.00	35.65 1.73 0.00	36.13 1.65 0.00	35.07 1.51 0.00	35.41 1.59 0.00	35.33 1.52 0.00	37.58 1.65 0.00	39.78 1.86 0.00	45.40 2.37 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.72 3.18 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.18 3.53 0.00	49.42 3.06 0.00	48.52 3.09 0.00	45.45 2.57 0.00	40.91 2.06 0.00	38.85 1.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.93 -0.59 0.00	36.00 -0.47 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.41 -0.41 0.00	35.53 -0.40 0.00	37.43 -0.49 0.00	42.78 -0.26 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.29 -0.50 0.00	52.18 -0.47 0.00	45.90 -0.46 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.23 -0.62 0.00	36.52 -0.48 0.00
HAMLTNNY_34_KV_TB 80303	38.97 -0.55 0.00	36.07 -0.40 0.00	33.55 -0.37 0.00	34.09 -0.38 0.00	33.23 -0.34 0.00	33.52 -0.30 0.00	33.51 -0.30 0.00	35.61 -0.32 0.00	37.46 -0.46 0.00	42.86 -0.17 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	47.02 -0.43 0.00	48.08 -0.44 0.00	55.34 -0.45 0.00	52.23 -0.42 0.00	45.94 -0.42 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.27 -0.58 0.00	36.56 -0.44 0.00

HAMPSHIRE___PAPER_HYD 323593	38.77 -0.75 0.00	35.81 -0.66 0.00	33.38 -0.54 0.00	33.92 -0.55 0.00	33.06 -0.50 0.00	33.38 -0.44 0.00	33.24 -0.58 0.00	35.28 -0.65 0.00	37.39 -0.53 0.00	42.60 -0.43 0.00	46.84 -0.62 0.00	46.69 -0.66 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.87 -0.67 0.00	46.74 -0.71 0.00	47.88 -0.63 0.00	55.01 -0.78 0.00	52.02 -0.63 0.00	45.71 -0.65 0.00	44.70 -0.73 0.00	42.24 -0.64 0.00	38.23 -0.62 0.00	36.34 -0.66 0.00
HARDSCRABBLE_WT_PWR 323673	38.77 -0.75 0.00	35.81 -0.66 0.00	33.31 -0.61 0.00	33.88 -0.59 0.00	33.06 -0.50 0.00	33.42 -0.40 0.00	33.44 -0.37 0.00	35.64 -0.29 0.00	37.81 -0.11 0.00	43.12 0.09 0.00	47.84 0.38 0.00	47.82 0.47 0.00	46.79 0.42 0.00	47.69 0.52 0.00	48.10 0.57 0.00	47.97 0.52 0.00	49.10 0.58 0.00	56.46 0.67 0.00	53.18 0.53 0.00	46.78 0.42 0.00	45.66 0.23 0.00	42.96 0.09 0.00	38.74 -0.12 0.00	36.82 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.42 1.90 0.00	37.93 1.46 0.00	35.25 1.32 0.00	35.68 1.21 0.00	34.67 1.11 0.00	35.00 1.18 0.00	35.00 1.18 0.00	37.22 1.29 0.00	39.40 1.48 0.00	44.97 1.94 0.00	49.88 2.42 0.00	49.95 2.60 0.00	48.92 2.55 0.00	49.77 2.59 0.00	50.24 2.71 0.00	50.15 2.70 0.00	51.28 2.77 0.00	59.08 3.29 0.00	55.65 3.00 0.00	48.96 2.60 0.00	48.06 2.63 0.00	44.98 2.10 0.00	40.53 1.67 0.00	38.48 1.48 0.00
HARSNRAD_115KV_TB1 81005	37.35 -2.17 0.00	34.90 -1.57 0.00	32.50 -1.42 0.00	33.20 -1.28 0.00	32.59 -0.97 0.00	32.87 -0.95 0.00	32.70 -1.12 0.00	34.60 -1.33 0.00	35.38 -2.54 0.00	41.14 -1.89 0.00	43.85 -3.61 0.00	42.95 -4.40 0.00	42.29 -4.08 0.00	42.88 -4.29 0.00	42.97 -4.56 0.00	43.23 -4.22 0.00	44.00 -4.51 0.00	50.93 -4.85 0.00	48.07 -4.58 0.00	42.51 -3.85 0.00	41.52 -3.91 0.00	38.72 -4.16 0.00	35.98 -2.88 0.00	35.11 -1.89 0.00
HARZA MOOSE___RIVER 24016	39.91 0.40 0.00	36.87 0.40 0.00	34.30 0.37 0.00	34.85 0.38 0.00	33.97 0.40 0.00	34.26 0.44 0.00	34.15 0.34 0.00	36.36 0.43 0.00	38.49 0.57 0.00	44.02 0.99 0.00	48.69 1.23 0.00	48.49 1.14 0.00	47.48 1.11 0.00	48.35 1.18 0.00	48.67 1.14 0.00	48.49 1.04 0.00	49.73 1.21 0.00	57.18 1.39 0.00	53.91 1.26 0.00	47.43 1.07 0.00	46.29 0.86 0.00	43.56 0.69 0.00	39.28 0.43 0.00	37.37 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.61 -0.91 0.00	35.70 -0.77 0.00	33.21 -0.71 0.00	33.78 -0.69 0.00	32.89 -0.67 0.00	33.18 -0.64 0.00	33.14 -0.68 0.00	35.25 -0.68 0.00	37.12 -0.80 0.00	42.39 -0.65 0.00	46.70 -0.76 0.00	46.55 -0.80 0.00	45.58 -0.79 0.00	46.32 -0.85 0.00	46.68 -0.86 0.00	46.59 -0.85 0.00	47.64 -0.87 0.00	54.78 -1.00 0.00	51.70 -0.95 0.00	45.53 -0.83 0.00	44.47 -0.95 0.00	41.85 -1.03 0.00	37.92 -0.93 0.00	36.22 -0.78 0.00
HELLGATE_13_KV_LD 55870	41.89 2.37 0.00	38.29 1.82 0.00	35.55 1.63 0.00	35.95 1.48 0.00	34.94 1.38 0.00	35.21 1.39 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.76 3.23 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.22 2.37 0.00	39.07 2.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.89 2.37 0.00	38.29 1.82 0.00	35.55 1.63 0.00	35.95 1.48 0.00	34.94 1.38 0.00	35.21 1.39 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.76 3.23 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.51 3.15 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.22 2.37 0.00	39.07 2.07 0.00
HEMPSTEAD___ 23647	46.39 2.72 -4.14	38.62 2.15 0.00	35.89 1.97 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.78 1.86 -0.10	35.67 1.86 0.00	39.49 2.05 -1.51	42.84 2.39 -2.53	50.93 2.88 -5.01	52.35 3.56 -1.33	53.27 3.74 -2.18	53.86 3.66 -3.83	54.30 3.73 -3.41	54.03 3.80 -2.70	54.30 3.84 -3.01	57.13 3.93 -4.69	65.38 4.63 -4.96	56.65 4.00 0.00	53.74 3.75 -3.63	53.29 3.95 -3.91	52.37 3.26 -6.24	50.86 2.68 -9.32	46.38 2.37 -7.01
HEWLETT_69_KV_BK3 55828	46.63 2.96 -4.14	38.88 2.41 0.00	36.09 2.17 0.00	36.44 1.96 0.00	35.51 1.95 0.00	36.02 2.10 -0.10	35.91 2.10 0.00	39.81 2.37 -1.51	43.07 2.62 -2.53	51.40 3.36 -5.01	52.49 3.70 -1.33	53.41 3.88 -2.18	54.00 3.80 -3.83	54.44 3.87 -3.41	54.22 3.99 -2.69	54.44 3.99 -3.01	57.28 4.08 -4.69	65.66 4.91 -4.96	56.86 4.21 0.00	53.88 3.89 -3.63	53.24 3.91 -3.90	52.42 3.30 -6.24	50.93 2.76 -9.32	46.64 2.63 -7.01
HICKLING___1 23621	39.56 0.04 0.00	36.83 0.36 0.00	34.26 0.34 0.00	34.92 0.45 0.00	34.10 0.54 0.00	34.39 0.57 0.00	34.42 0.61 0.00	36.58 0.65 0.00	38.03 0.11 0.00	43.59 0.56 0.00	47.56 0.09 0.00	47.02 -0.33 0.00	46.14 -0.23 0.00	46.89 -0.28 0.00	47.10 -0.43 0.00	47.12 -0.33 0.00	48.18 -0.34 0.00	55.57 -0.22 0.00	52.54 -0.11 0.00	46.22 -0.14 0.00	45.02 -0.41 0.00	42.28 -0.60 0.00	38.66 -0.19 0.00	37.26 0.26 0.00
HICKLING___2 23622	39.56 0.04 0.00	36.83 0.36 0.00	34.26 0.34 0.00	34.92 0.45 0.00	34.10 0.54 0.00	34.39 0.57 0.00	34.42 0.61 0.00	36.58 0.65 0.00	38.03 0.11 0.00	43.59 0.56 0.00	47.56 0.09 0.00	47.02 -0.33 0.00	46.14 -0.23 0.00	46.89 -0.28 0.00	47.10 -0.43 0.00	47.12 -0.33 0.00	48.18 -0.34 0.00	55.57 -0.22 0.00	52.54 -0.11 0.00	46.22 -0.14 0.00	45.02 -0.41 0.00	42.28 -0.60 0.00	38.66 -0.19 0.00	37.26 0.26 0.00
HIGH FALLS___HY 23754	41.89 2.37 0.00	38.40 1.93 0.00	35.65 1.73 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.41 1.59 0.00	35.30 1.49 0.00	37.51 1.58 0.00	39.66 1.74 0.00	45.14 2.11 0.00	50.07 2.61 0.00	50.14 2.79 0.00	49.11 2.74 0.00	49.95 2.78 0.00	50.53 2.99 0.00	50.53 3.08 0.00	51.72 3.20 0.00	59.64 3.85 0.00	56.18 3.53 0.00	49.37 3.01 0.00	48.43 3.00 0.00	45.37 2.49 0.00	40.88 2.02 0.00	38.78 1.78 0.00
HILLBURN___GT 23639	41.30 1.78 0.00	37.78 1.31 0.00	35.11 1.19 0.00	35.54 1.07 0.00	34.54 0.97 0.00	34.87 1.05 0.00	34.93 1.11 0.00	37.11 1.18 0.00	39.36 1.44 0.00	44.80 1.77 0.00	49.83 2.37 0.00	49.91 2.56 0.00	48.87 2.50 0.00	49.72 2.55 0.00	50.10 2.56 0.00	50.10 2.66 0.00	51.18 2.67 0.00	58.97 3.18 0.00	55.49 2.84 0.00	48.96 2.59 0.00	48.20 2.77 0.00	45.06 2.19 0.00	40.52 1.67 0.00	38.41 1.41 0.00
HILLSIDE_115KV_TB1 80332	39.04 -0.47 0.00	36.29 -0.18 0.00	33.79 -0.14 0.00	34.40 -0.07 0.00	33.60 0.03 0.00	33.89 0.07 0.00	33.95 0.14 0.00	36.04 0.11 0.00	37.54 -0.38 0.00	42.95 -0.09 0.00	46.89 -0.57 0.00	46.40 -0.95 0.00	45.54 -0.83 0.00	46.27 -0.90 0.00	46.53 -1.00 0.00	46.55 -0.90 0.00	47.55 -0.97 0.00	54.90 -0.89 0.00	51.81 -0.84 0.00	45.62 -0.74 0.00	44.47 -0.95 0.00	41.76 -1.11 0.00	38.19 -0.66 0.00	36.74 -0.26 0.00

HISHELDN_WT_PWR 323625	38.22 -1.30 0.00	35.70 -0.77 0.00	33.55 -0.37 0.00	34.26 -0.21 0.00	33.26 -0.30 0.00	33.55 -0.27 0.00	33.44 -0.37 0.00	35.64 -0.29 0.00	36.44 -1.48 0.00	40.54 -2.50 0.00	45.28 -2.18 0.00	44.46 -2.89 0.00	43.68 -2.69 0.00	44.34 -2.83 0.00	44.68 -2.85 0.00	44.65 -2.80 0.00	45.46 -3.05 0.00	52.38 -3.40 0.00	49.75 -2.90 0.00	43.95 -2.41 0.00	42.52 -2.91 0.00	40.60 -2.27 0.00	37.03 -1.83 0.00	36.00 -1.00 0.00
HOLTSVILLE_IC_1 23690	46.94 3.28 -4.14	39.13 2.66 0.00	36.37 2.44 0.00	36.57 2.10 0.00	35.71 2.15 0.00	36.28 2.37 -0.10	36.18 2.37 0.00	40.03 2.59 -1.51	43.33 2.88 -2.53	51.44 3.40 -5.01	53.21 4.41 -1.33	54.03 4.50 -2.18	54.61 4.41 -3.83	55.11 4.53 -3.41	54.84 4.61 -2.70	55.21 4.74 -3.02	58.16 4.95 -4.69	66.39 5.63 -4.96	57.49 4.84 0.00	54.45 4.45 -3.63	54.15 4.81 -3.91	53.20 4.08 -6.24	51.48 3.30 -9.33	46.93 2.92 -7.01
HOLTSVILLE_IC_10 23699	47.18 3.52 -4.14	39.32 2.85 0.00	36.54 2.61 0.00	36.78 2.31 0.00	35.88 2.31 0.00	36.46 2.54 -0.10	36.35 2.54 0.00	40.24 2.80 -1.51	43.56 3.11 -2.53	51.70 3.66 -5.01	53.54 4.75 -1.33	54.36 4.83 -2.18	54.94 4.73 -3.83	55.44 4.86 -3.41	55.17 4.94 -2.70	55.54 5.08 -3.02	58.54 5.34 -4.69	66.89 6.14 -4.96	57.91 5.26 0.00	54.77 4.78 -3.63	54.47 5.13 -3.91	53.50 4.38 -6.24	51.72 3.54 -9.33	47.15 3.14 -7.01
HOLTSVILLE_IC_2 23691	46.94 3.28 -4.14	39.13 2.66 0.00	36.37 2.44 0.00	36.57 2.10 0.00	35.71 2.15 0.00	36.28 2.37 -0.10	36.18 2.37 0.00	40.03 2.59 -1.51	43.33 2.88 -2.53	51.44 3.40 -5.01	53.21 4.41 -1.33	54.03 4.50 -2.18	54.61 4.41 -3.83	55.11 4.53 -3.41	54.84 4.61 -2.70	55.21 4.74 -3.02	58.16 4.95 -4.69	66.39 5.63 -4.96	57.49 4.84 0.00	54.45 4.45 -3.63	54.15 4.81 -3.91	53.20 4.08 -6.24	51.48 3.30 -9.33	46.93 2.92 -7.01
HOLTSVILLE_IC_3 23692	46.94 3.28 -4.14	39.13 2.66 0.00	36.37 2.44 0.00	36.57 2.10 0.00	35.71 2.15 0.00	36.28 2.37 -0.10	36.18 2.37 0.00	40.03 2.59 -1.51	43.33 2.88 -2.53	51.44 3.40 -5.01	53.21 4.41 -1.33	54.03 4.50 -2.18	54.61 4.41 -3.83	55.11 4.53 -3.41	54.84 4.61 -2.70	55.21 4.74 -3.02	58.16 4.95 -4.69	66.39 5.63 -4.96	57.49 4.84 0.00	54.45 4.45 -3.63	54.15 4.81 -3.91	53.20 4.08 -6.24	51.48 3.30 -9.33	46.93 2.92 -7.01
HOLTSVILLE_IC_4 23693	46.94 3.28 -4.14	39.13 2.66 0.00	36.37 2.44 0.00	36.57 2.10 0.00	35.71 2.15 0.00	36.28 2.37 -0.10	36.18 2.37 0.00	40.03 2.59 -1.51	43.33 2.88 -2.53	51.44 3.40 -5.01	53.21 4.41 -1.33	54.03 4.50 -2.18	54.61 4.41 -3.83	55.11 4.53 -3.41	54.84 4.61 -2.70	55.21 4.74 -3.02	58.16 4.95 -4.69	66.39 5.63 -4.96	57.49 4.84 0.00	54.45 4.45 -3.63	54.15 4.81 -3.91	53.20 4.08 -6.24	51.48 3.30 -9.33	46.93 2.92 -7.01
HOLTSVILLE_IC_5 23694	46.94 3.28 -4.14	39.13 2.66 0.00	36.37 2.44 0.00	36.57 2.10 0.00	35.71 2.15 0.00	36.28 2.37 -0.10	36.18 2.37 0.00	40.03 2.59 -1.51	43.33 2.88 -2.53	51.44 3.40 -5.01	53.21 4.41 -1.33	54.03 4.50 -2.18	54.61 4.41 -3.83	55.11 4.53 -3.41	54.84 4.61 -2.70	55.21 4.74 -3.02	58.16 4.95 -4.69	66.39 5.63 -4.96	57.49 4.84 0.00	54.45 4.45 -3.63	54.15 4.81 -3.91	53.20 4.08 -6.24	51.48 3.30 -9.33	46.93 2.92 -7.01
HOLTSVILLE_IC_6 23695	47.18 3.52 -4.14	39.32 2.85 0.00	36.54 2.61 0.00	36.78 2.31 0.00	35.88 2.31 0.00	36.46 2.54 -0.10	36.35 2.54 0.00	40.24 2.80 -1.51	43.56 3.11 -2.53	51.70 3.66 -5.01	53.54 4.75 -1.33	54.36 4.83 -2.18	54.94 4.73 -3.83	55.44 4.86 -3.41	55.17 4.94 -2.70	55.54 5.08 -3.02	58.54 5.34 -4.69	66.89 6.14 -4.96	57.91 5.26 0.00	54.77 4.78 -3.63	54.47 5.13 -3.91	53.50 4.38 -6.24	51.72 3.54 -9.33	47.15 3.14 -7.01
HOLTSVILLE_IC_7 23696	47.18 3.52 -4.14	39.32 2.85 0.00	36.54 2.61 0.00	36.78 2.31 0.00	35.88 2.31 0.00	36.46 2.54 -0.10	36.35 2.54 0.00	40.24 2.80 -1.51	43.56 3.11 -2.53	51.70 3.66 -5.01	53.54 4.75 -1.33	54.36 4.83 -2.18	54.94 4.73 -3.83	55.44 4.86 -3.41	55.17 4.94 -2.70	55.54 5.08 -3.02	58.54 5.34 -4.69	66.89 6.14 -4.96	57.91 5.26 0.00	54.77 4.78 -3.63	54.47 5.13 -3.91	53.50 4.38 -6.24	51.72 3.54 -9.33	47.15 3.14 -7.01
HOLTSVILLE_IC_8 23697	47.18 3.52 -4.14	39.32 2.85 0.00	36.54 2.61 0.00	36.78 2.31 0.00	35.88 2.31 0.00	36.46 2.54 -0.10	36.35 2.54 0.00	40.24 2.80 -1.51	43.56 3.11 -2.53	51.70 3.66 -5.01	53.54 4.75 -1.33	54.36 4.83 -2.18	54.94 4.73 -3.83	55.44 4.86 -3.41	55.17 4.94 -2.70	55.54 5.08 -3.02	58.54 5.34 -4.69	66.89 6.14 -4.96	57.91 5.26 0.00	54.77 4.78 -3.63	54.47 5.13 -3.91	53.50 4.38 -6.24	51.72 3.54 -9.33	47.15 3.14 -7.01
HOLTSVILLE_IC_9 23698	47.18 3.52 -4.14	39.32 2.85 0.00	36.54 2.61 0.00	36.78 2.31 0.00	35.88 2.31 0.00	36.46 2.54 -0.10	36.35 2.54 0.00	40.24 2.80 -1.51	43.56 3.11 -2.53	51.70 3.66 -5.01	53.54 4.75 -1.33	54.36 4.83 -2.18	54.94 4.73 -3.83	55.44 4.86 -3.41	55.17 4.94 -2.70	55.54 5.08 -3.02	58.54 5.34 -4.69	66.89 6.14 -4.96	57.91 5.26 0.00	54.77 4.78 -3.63	54.47 5.13 -3.91	53.50 4.38 -6.24	51.72 3.54 -9.33	47.15 3.14 -7.01
HOMER_HL_115KV_TB2 355744	39.12 -0.40 0.00	36.51 0.04 0.00	34.03 0.10 0.00	34.71 0.24 0.00	34.03 0.47 0.00	34.29 0.47 0.00	34.39 0.57 0.00	36.47 0.54 0.00	37.58 -0.34 0.00	42.78 -0.26 0.00	46.04 -1.42 0.00	45.27 -2.08 0.00	44.47 -1.90 0.00	45.19 -1.98 0.00	45.30 -2.23 0.00	45.46 -1.99 0.00	46.38 -2.13 0.00	53.67 -2.12 0.00	50.65 -2.00 0.00	44.65 -1.72 0.00	43.52 -1.91 0.00	40.78 -2.10 0.00	38.04 -0.82 0.00	36.96 -0.04 0.00
HOWARD_WT_PWR 323690	39.60 0.08 0.00	37.05 0.58 0.00	34.74 0.81 0.00	35.43 0.96 0.00	34.40 0.84 0.00	34.73 0.91 0.00	34.69 0.88 0.00	36.97 1.04 0.00	38.07 0.15 0.00	42.47 -0.56 0.00	47.37 -0.09 0.00	46.64 -0.71 0.00	45.68 -0.69 0.00	46.32 -0.85 0.00	46.63 -0.90 0.00	46.64 -0.81 0.00	47.64 -0.87 0.00	54.84 -0.95 0.00	52.12 -0.53 0.00	45.90 -0.46 0.00	44.39 -1.04 0.00	42.19 -0.69 0.00	38.35 -0.51 0.00	37.04 0.04 0.00
HQ_GEN_CEDARS 23644	39.64 0.12 0.00	36.58 0.11 0.00	34.26 0.34 0.00	34.82 0.34 0.00	33.93 0.37 0.00	34.19 0.37 0.00	34.12 0.30 0.00	36.04 0.11 0.00	38.11 0.19 0.00	42.78 -0.26 0.00	47.13 -0.33 0.00	47.02 -0.33 0.00	46.00 -0.37 0.00	46.89 -0.28 0.00	47.20 -0.33 0.00	47.12 -0.33 0.00	48.18 -0.34 0.00	55.17 -0.61 0.00	52.33 -0.32 0.00	46.08 -0.28 0.00	45.20 -0.23 0.00	42.96 0.09 0.00	39.05 0.19 0.00	37.19 0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	39.64 0.12 0.00	36.58 0.11 0.00	34.23 0.30 0.00	34.82 0.34 0.00	33.93 0.37 0.00	34.19 0.37 0.00	34.12 0.30 0.00	36.00 0.07 0.00	40.00 0.19 -1.89	43.30 0.17 -0.10	45.15 -0.33 1.98	47.02 -0.33 0.00	46.00 -0.37 0.00	46.89 -0.28 0.00	47.20 -0.33 0.00	47.12 -0.33 0.00	48.23 -0.29 0.00	55.29 -0.50 0.00	52.34 -0.31 0.00	45.99 -0.37 0.00	45.11 -0.32 0.00	42.79 -0.09 0.00	39.05 0.20 0.00	37.19 0.19 0.00

HQ_GEN_IMPORT 323601	39.60 0.08 0.00	36.54 0.07 0.00	34.03 0.10 0.00	34.57 0.10 0.00	33.66 0.10 0.00	33.92 0.10 0.00	33.91 0.10 0.00	36.00 0.07 0.00	40.39 0.11 -2.35	42.75 0.09 0.37	45.10 -0.38 1.98	46.97 -0.38 0.00	46.00 -0.37 0.00	46.84 -0.33 0.00	47.15 -0.38 0.00	47.07 -0.38 0.00	48.18 -0.34 0.00	55.34 -0.45 0.00	52.28 -0.37 0.00	45.99 -0.37 0.00	45.06 -0.37 0.00	42.75 -0.13 0.00	38.97 0.12 0.00	37.11 0.11 0.00
HQ_GEN_WHEEL 23651	39.60 0.08 0.00	36.54 0.07 0.00	34.03 0.10 0.00	34.57 0.10 0.00	33.66 0.10 0.00	33.92 0.10 0.00	33.91 0.10 0.00	36.00 0.07 0.00	40.39 0.11 -2.35	42.75 0.09 0.37	45.10 -0.38 1.98	46.97 -0.38 0.00	46.00 -0.37 0.00	46.84 -0.33 0.00	47.15 -0.38 0.00	47.07 -0.38 0.00	48.18 -0.34 0.00	55.34 -0.45 0.00	52.28 -0.37 0.00	45.99 -0.37 0.00	45.06 -0.37 0.00	42.75 -0.13 0.00	38.97 0.12 0.00	37.11 0.11 0.00
HUDSON AVE_GT_3 23810	41.77 2.25 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.52 3.17 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.81 4.02 0.00	56.18 3.53 0.00	49.56 3.20 0.00	48.70 3.27 0.00	45.62 2.74 0.00	41.15 2.29 0.00	38.92 1.92 0.00
HUDSON AVE_GT_4 23540	41.77 2.25 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.52 3.17 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.81 4.02 0.00	56.18 3.53 0.00	49.56 3.20 0.00	48.70 3.27 0.00	45.62 2.74 0.00	41.15 2.29 0.00	38.92 1.92 0.00
HUDSON AVE_GT_5 23657	41.77 2.25 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.52 3.17 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.81 4.02 0.00	56.18 3.53 0.00	49.56 3.20 0.00	48.70 3.27 0.00	45.62 2.74 0.00	41.15 2.29 0.00	38.92 1.92 0.00
HUDSON_AVE_10 24168	41.65 2.13 0.00	38.11 1.64 0.00	35.35 1.42 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.29 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.81 4.02 0.00	56.18 3.53 0.00	49.56 3.20 0.00	48.74 3.32 0.00	45.62 2.74 0.00	41.11 2.25 0.00	38.85 1.85 0.00
HUDSON___115KV_TB 4 355613	40.98 1.46 0.00	37.82 1.35 0.00	35.14 1.22 0.00	35.71 1.24 0.00	34.67 1.11 0.00	34.97 1.15 0.00	34.93 1.12 0.00	37.04 1.11 0.00	39.13 1.21 0.00	44.67 1.64 0.00	49.50 2.04 0.00	49.43 2.08 0.00	48.36 1.99 0.00	49.20 2.03 0.00	49.62 2.09 0.00	49.58 2.14 0.00	50.70 2.18 0.00	58.41 2.62 0.00	55.02 2.37 0.00	48.35 1.99 0.00	47.38 1.95 0.00	44.46 1.59 0.00	40.02 1.17 0.00	38.07 1.07 0.00
HUNTER MOUNT___DRP 323613	41.26 1.74 0.00	38.15 1.68 0.00	35.45 1.53 0.00	36.02 1.55 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.17 1.35 0.00	37.22 1.29 0.00	39.28 1.37 0.00	44.84 1.81 0.00	49.79 2.33 0.00	49.72 2.37 0.00	48.64 2.27 0.00	49.48 2.31 0.00	49.86 2.33 0.00	49.82 2.37 0.00	50.99 2.47 0.00	58.75 2.96 0.00	55.33 2.69 0.00	48.54 2.18 0.00	47.56 2.14 0.00	44.64 1.76 0.00	40.18 1.32 0.00	38.22 1.22 0.00
HUNTINGTON_RES_REC 323705	46.90 3.24 -4.14	39.10 2.63 0.00	36.30 2.37 0.00	36.57 2.10 0.00	35.68 2.12 0.00	36.22 2.30 -0.10	36.14 2.33 0.00	39.99 2.55 -1.51	43.33 2.88 -2.53	51.49 3.44 -5.01	53.16 4.36 -1.33	53.98 4.45 -2.18	54.56 4.36 -3.83	55.02 4.43 -3.41	54.75 4.52 -2.70	55.06 4.60 -3.02	57.82 4.61 -4.69	66.16 5.41 -4.96	57.33 4.68 0.00	54.49 4.50 -3.63	54.06 4.72 -3.91	53.15 4.03 -6.24	51.45 3.26 -9.33	46.90 2.89 -7.01
HUNTLEY___63 23557	37.54 -1.98 0.00	35.12 -1.35 0.00	32.70 -1.22 0.00	33.40 -1.07 0.00	32.79 -0.77 0.00	33.08 -0.74 0.00	32.90 -0.91 0.00	34.85 -1.08 0.00	35.64 -2.28 0.00	41.44 -1.59 0.00	44.23 -3.23 0.00	43.33 -4.02 0.00	42.61 -3.76 0.00	43.26 -3.92 0.00	43.35 -4.18 0.00	43.56 -3.89 0.00	44.34 -4.17 0.00	51.38 -4.41 0.00	48.49 -4.16 0.00	42.84 -3.52 0.00	41.84 -3.59 0.00	39.06 -3.82 0.00	36.25 -2.60 0.00	35.37 -1.63 0.00
HUNTLEY___64 23558	37.54 -1.98 0.00	35.12 -1.35 0.00	32.70 -1.22 0.00	33.40 -1.07 0.00	32.79 -0.77 0.00	33.08 -0.74 0.00	32.90 -0.91 0.00	34.85 -1.08 0.00	35.64 -2.28 0.00	41.44 -1.59 0.00	44.23 -3.23 0.00	43.33 -4.02 0.00	42.61 -3.76 0.00	43.26 -3.92 0.00	43.35 -4.18 0.00	43.56 -3.89 0.00	44.34 -4.17 0.00	51.38 -4.41 0.00	48.49 -4.16 0.00	42.84 -3.52 0.00	41.84 -3.59 0.00	39.06 -3.82 0.00	36.25 -2.60 0.00	35.37 -1.63 0.00
HUNTLEY___65 23559	37.54 -1.98 0.00	35.12 -1.35 0.00	32.70 -1.22 0.00	33.40 -1.07 0.00	32.79 -0.77 0.00	33.08 -0.74 0.00	32.90 -0.91 0.00	34.85 -1.08 0.00	35.64 -2.28 0.00	41.44 -1.59 0.00	44.23 -3.23 0.00	43.33 -4.02 0.00	42.61 -3.76 0.00	43.26 -3.92 0.00	43.35 -4.18 0.00	43.56 -3.89 0.00	44.34 -4.17 0.00	51.38 -4.41 0.00	48.49 -4.16 0.00	42.84 -3.52 0.00	41.84 -3.59 0.00	39.06 -3.82 0.00	36.25 -2.60 0.00	35.37 -1.63 0.00
HUNTLEY___66 23560	37.54 -1.98 0.00	35.12 -1.35 0.00	32.70 -1.22 0.00	33.40 -1.07 0.00	32.79 -0.77 0.00	33.08 -0.74 0.00	32.90 -0.91 0.00	34.85 -1.08 0.00	35.64 -2.28 0.00	41.44 -1.59 0.00	44.23 -3.23 0.00	43.33 -4.02 0.00	42.61 -3.76 0.00	43.26 -3.92 0.00	43.35 -4.18 0.00	43.56 -3.89 0.00	44.34 -4.17 0.00	51.38 -4.41 0.00	48.49 -4.16 0.00	42.84 -3.52 0.00	41.84 -3.59 0.00	39.06 -3.82 0.00	36.25 -2.60 0.00	35.37 -1.63 0.00
HUNTLEY___67 23561	37.50 -2.02 0.00	35.01 -1.46 0.00	32.63 -1.29 0.00	33.30 -1.17 0.00	32.72 -0.84 0.00	33.01 -0.81 0.00	32.87 -0.95 0.00	34.82 -1.11 0.00	35.61 -2.31 0.00	41.36 -1.68 0.00	44.14 -3.32 0.00	43.23 -4.12 0.00	42.57 -3.80 0.00	43.16 -4.01 0.00	43.30 -4.23 0.00	43.51 -3.94 0.00	44.30 -4.22 0.00	51.27 -4.52 0.00	48.38 -4.26 0.00	42.74 -3.62 0.00	41.75 -3.68 0.00	39.02 -3.86 0.00	36.21 -2.64 0.00	35.34 -1.67 0.00
HUNTLEY___68 23562	37.50 -2.02 0.00	35.01 -1.46 0.00	32.63 -1.29 0.00	33.30 -1.17 0.00	32.72 -0.84 0.00	33.01 -0.81 0.00	32.87 -0.95 0.00	34.82 -1.11 0.00	35.61 -2.31 0.00	41.36 -1.68 0.00	44.14 -3.32 0.00	43.23 -4.12 0.00	42.57 -3.80 0.00	43.16 -4.01 0.00	43.30 -4.23 0.00	43.51 -3.94 0.00	44.30 -4.22 0.00	51.27 -4.52 0.00	48.38 -4.26 0.00	42.74 -3.62 0.00	41.75 -3.68 0.00	39.02 -3.86 0.00	36.21 -2.64 0.00	35.34 -1.67 0.00

HYLAND___LFGE 323620	40.39 0.87 0.00	37.64 1.17 0.00	35.31 1.39 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.31 1.49 0.00	35.27 1.45 0.00	37.62 1.69 0.00	38.79 0.87 0.00	43.34 0.30 0.00	48.08 0.62 0.00	47.49 0.14 0.00	46.51 0.14 0.00	47.22 0.05 0.00	47.53 0.00 0.00	47.87 0.43 0.00	49.34 0.82 0.00	56.85 1.06 0.00	54.18 1.53 0.00	47.71 1.35 0.00	46.06 0.64 0.00	43.69 0.81 0.00	39.51 0.66 0.00	38.03 1.03 0.00
INDECK___CORINTH 23802	40.94 1.42 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.54 1.07 0.00	34.50 0.94 0.00	34.70 0.88 0.00	34.76 0.95 0.00	36.79 0.86 0.00	39.02 1.10 0.00	44.76 1.72 0.00	49.83 2.37 0.00	49.81 2.46 0.00	48.60 2.23 0.00	49.39 2.22 0.00	49.72 2.19 0.00	49.59 2.14 0.00	50.75 2.23 0.00	58.47 2.68 0.00	55.02 2.37 0.00	48.31 1.95 0.00	47.47 2.05 0.00	44.34 1.46 0.00	39.79 0.93 0.00	37.81 0.81 0.00
INDECK___ILION 23567	39.48 -0.04 0.00	36.43 -0.04 0.00	33.89 -0.03 0.00	34.44 -0.03 0.00	33.56 0.00 0.00	33.85 0.03 0.00	33.85 0.03 0.00	36.00 0.07 0.00	38.07 0.15 0.00	43.42 0.39 0.00	48.03 0.57 0.00	47.97 0.62 0.00	46.97 0.60 0.00	47.78 0.61 0.00	48.15 0.62 0.00	48.06 0.62 0.00	49.15 0.63 0.00	56.57 0.78 0.00	53.28 0.63 0.00	46.87 0.51 0.00	45.88 0.45 0.00	43.18 0.30 0.00	39.01 0.16 0.00	37.11 0.11 0.00
INDECK___OLEAN 23982	39.12 -0.40 0.00	36.51 0.04 0.00	34.30 0.37 0.00	35.02 0.55 0.00	34.00 0.44 0.00	34.29 0.47 0.00	34.39 0.57 0.00	36.65 0.72 0.00	37.58 -0.34 0.00	41.40 -1.64 0.00	46.08 -1.38 0.00	45.32 -2.03 0.00	44.47 -1.90 0.00	45.19 -1.98 0.00	45.49 -2.04 0.00	45.46 -1.99 0.00	46.33 -2.18 0.00	53.45 -2.34 0.00	50.65 -2.00 0.00	44.69 -1.67 0.00	43.34 -2.09 0.00	41.76 -1.12 0.00	38.04 -0.82 0.00	36.96 -0.04 0.00
INDECK___OSWEGO 23783	38.25 -1.27 0.00	35.34 -1.13 0.00	32.91 -1.02 0.00	33.44 -1.03 0.00	32.56 -1.01 0.00	32.81 -1.01 0.00	32.76 -1.05 0.00	34.89 -1.04 0.00	36.74 -1.18 0.00	41.70 -1.33 0.00	46.28 -1.18 0.00	46.07 -1.28 0.00	45.12 -1.25 0.00	45.90 -1.27 0.00	46.25 -1.28 0.00	46.12 -1.33 0.00	47.16 -1.36 0.00	54.23 -1.56 0.00	51.23 -1.42 0.00	45.11 -1.25 0.00	44.07 -1.36 0.00	41.59 -1.29 0.00	37.57 -1.28 0.00	35.81 -1.19 0.00
INDECK___YERKES 23781	37.58 -1.94 0.00	35.12 -1.35 0.00	33.11 -0.81 0.00	33.85 -0.62 0.00	32.86 -0.71 0.00	33.11 -0.71 0.00	32.93 -0.88 0.00	35.11 -0.82 0.00	35.68 -2.24 0.00	39.59 -3.44 0.00	44.28 -3.18 0.00	43.37 -3.98 0.00	42.66 -3.71 0.00	43.30 -3.87 0.00	43.68 -3.85 0.00	43.61 -3.84 0.00	44.34 -4.17 0.00	51.05 -4.74 0.00	48.54 -4.11 0.00	42.98 -3.38 0.00	41.48 -3.95 0.00	39.75 -3.13 0.00	36.29 -2.57 0.00	35.41 -1.59 0.00
INDIAN POINT_GT_1 24139	41.42 1.90 0.00	37.93 1.46 0.00	35.21 1.29 0.00	35.64 1.17 0.00	34.64 1.07 0.00	34.97 1.15 0.00	35.00 1.18 0.00	37.30 1.37 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.07 2.61 0.00	50.10 2.75 0.00	49.06 2.69 0.00	49.91 2.74 0.00	50.38 2.85 0.00	50.29 2.85 0.00	51.43 2.91 0.00	59.25 3.46 0.00	55.70 3.05 0.00	49.10 2.74 0.00	48.24 2.82 0.00	45.19 2.32 0.00	40.68 1.83 0.00	38.55 1.55 0.00
INDIAN POINT_GT_2 23659	41.42 1.90 0.00	37.93 1.46 0.00	35.21 1.29 0.00	35.64 1.17 0.00	34.64 1.07 0.00	34.97 1.15 0.00	35.00 1.18 0.00	37.30 1.37 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.07 2.61 0.00	50.10 2.75 0.00	49.06 2.69 0.00	49.91 2.74 0.00	50.38 2.85 0.00	50.29 2.85 0.00	51.43 2.91 0.00	59.25 3.46 0.00	55.70 3.05 0.00	49.10 2.74 0.00	48.24 2.82 0.00	45.19 2.32 0.00	40.68 1.83 0.00	38.55 1.55 0.00
INDIAN POINT_GT_3 24019	41.42 1.90 0.00	37.93 1.46 0.00	35.21 1.29 0.00	35.64 1.17 0.00	34.64 1.07 0.00	34.97 1.15 0.00	35.00 1.18 0.00	37.30 1.37 0.00	39.51 1.59 0.00	45.14 2.11 0.00	50.07 2.61 0.00	50.10 2.75 0.00	49.06 2.69 0.00	49.91 2.74 0.00	50.38 2.85 0.00	50.29 2.85 0.00	51.43 2.91 0.00	59.25 3.46 0.00	55.70 3.05 0.00	49.10 2.74 0.00	48.24 2.82 0.00	45.19 2.32 0.00	40.68 1.83 0.00	38.55 1.55 0.00
INDIAN POINT___2 23530	41.34 1.82 0.00	37.82 1.35 0.00	35.11 1.19 0.00	35.57 1.10 0.00	34.57 1.01 0.00	34.90 1.08 0.00	34.96 1.15 0.00	37.15 1.22 0.00	39.44 1.52 0.00	44.88 1.85 0.00	49.93 2.47 0.00	49.95 2.60 0.00	48.92 2.55 0.00	49.76 2.59 0.00	50.19 2.66 0.00	50.15 2.70 0.00	51.28 2.76 0.00	59.02 3.23 0.00	55.60 2.95 0.00	49.00 2.64 0.00	48.29 2.86 0.00	45.15 2.27 0.00	40.60 1.75 0.00	38.48 1.48 0.00
INDIAN POINT___3 23531	41.34 1.82 0.00	37.86 1.39 0.00	35.14 1.22 0.00	35.61 1.14 0.00	34.60 1.04 0.00	34.90 1.08 0.00	34.96 1.15 0.00	37.26 1.33 0.00	39.44 1.52 0.00	45.06 2.02 0.00	49.98 2.52 0.00	50.00 2.65 0.00	48.97 2.60 0.00	49.81 2.64 0.00	50.29 2.76 0.00	50.20 2.75 0.00	51.33 2.81 0.00	59.14 3.35 0.00	55.60 2.95 0.00	49.00 2.64 0.00	48.15 2.73 0.00	45.06 2.19 0.00	40.64 1.79 0.00	38.52 1.52 0.00
INGHAM_C_115KV_TB7 356103	38.89 -0.63 0.00	35.96 -0.51 0.00	33.45 -0.47 0.00	33.99 -0.48 0.00	33.16 -0.40 0.00	33.48 -0.34 0.00	33.51 -0.30 0.00	35.68 -0.25 0.00	37.81 -0.11 0.00	43.21 0.17 0.00	47.84 0.38 0.00	47.78 0.43 0.00	46.74 0.37 0.00	47.60 0.42 0.00	48.01 0.48 0.00	47.88 0.43 0.00	49.00 0.49 0.00	56.40 0.61 0.00	53.12 0.47 0.00	46.69 0.32 0.00	45.61 0.18 0.00	42.92 0.04 0.00	38.74 -0.12 0.00	36.82 -0.19 0.00
IP CORINTH___1 23988	41.18 1.66 0.00	37.93 1.46 0.00	35.18 1.26 0.00	35.78 1.31 0.00	34.70 1.14 0.00	34.90 1.08 0.00	34.96 1.15 0.00	37.01 1.08 0.00	39.25 1.33 0.00	45.14 2.11 0.00	50.12 2.66 0.00	50.05 2.70 0.00	48.87 2.50 0.00	49.67 2.50 0.00	50.00 2.47 0.00	49.82 2.37 0.00	50.99 2.47 0.00	58.80 3.01 0.00	55.33 2.69 0.00	48.59 2.23 0.00	47.65 2.23 0.00	44.55 1.67 0.00	40.02 1.17 0.00	38.04 1.04 0.00
IP___TICONDEROGA 23804	43.00 3.48 0.00	39.53 3.06 0.00	36.71 2.78 0.00	37.30 2.83 0.00	36.11 2.55 0.00	36.42 2.60 0.00	36.45 2.64 0.00	38.77 2.84 0.00	41.22 3.30 0.00	47.72 4.69 0.00	53.06 5.60 0.00	52.94 5.59 0.00	51.56 5.19 0.00	52.36 5.19 0.00	52.57 5.04 0.00	52.34 4.89 0.00	53.61 5.09 0.00	61.93 6.14 0.00	58.18 5.53 0.00	50.95 4.59 0.00	50.06 4.63 0.00	46.57 3.69 0.00	41.73 2.88 0.00	39.66 2.66 0.00
ISLIP_RES_REC 323679	47.38 3.71 -4.14	39.46 2.99 0.00	36.67 2.75 0.00	36.88 2.41 0.00	36.01 2.45 0.00	36.62 2.71 -0.10	36.48 2.67 0.00	40.39 2.95 -1.51	43.71 3.26 -2.53	51.87 3.83 -5.01	53.78 4.98 -1.33	54.55 5.02 -2.18	55.17 4.96 -3.83	55.68 5.10 -3.41	55.41 5.18 -2.70	55.78 5.31 -3.02	58.83 5.63 -4.69	67.22 6.47 -4.96	58.23 5.58 0.00	55.05 5.05 -3.63	54.70 5.36 -3.91	53.71 4.59 -6.24	51.91 3.73 -9.33	47.30 3.29 -7.01

JAMAICA__27_KV_LOAD 355505	41.89 2.37 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.31 1.49 0.00	35.40 1.59 0.00	37.80 1.87 0.00	40.19 2.28 0.00	45.96 2.93 0.00	50.97 3.51 0.00	51.09 3.74 0.00	50.03 3.66 0.00	50.94 3.77 0.00	51.43 3.90 0.00	51.34 3.89 0.00	52.54 4.03 0.00	60.59 4.80 0.00	56.91 4.26 0.00	50.21 3.85 0.00	49.38 3.95 0.00	46.14 3.26 0.00	41.50 2.64 0.00	39.15 2.15 0.00
JANIS__SOLAR 323808	41.22 1.70 0.00	38.26 1.79 0.00	35.62 1.70 0.00	36.19 1.72 0.00	35.21 1.64 0.00	35.58 1.76 0.00	35.50 1.69 0.00	37.87 1.94 0.00	39.81 1.90 0.00	45.10 2.07 0.00	50.26 2.80 0.00	49.95 2.60 0.00	48.92 2.55 0.00	49.72 2.55 0.00	50.14 2.61 0.00	49.87 2.42 0.00	51.33 2.81 0.00	59.02 3.23 0.00	55.81 3.16 0.00	49.00 2.64 0.00	47.56 2.14 0.00	44.81 1.93 0.00	40.37 1.51 0.00	38.59 1.59 0.00
JARVIS____ 23743	39.64 0.12 0.00	36.58 0.11 0.00	33.99 0.07 0.00	34.54 0.07 0.00	33.63 0.07 0.00	33.89 0.07 0.00	33.88 0.07 0.00	36.04 0.11 0.00	38.07 0.15 0.00	43.25 0.22 0.00	47.89 0.43 0.00	47.78 0.43 0.00	46.79 0.42 0.00	47.59 0.42 0.00	47.96 0.43 0.00	47.87 0.43 0.00	48.95 0.44 0.00	56.29 0.50 0.00	53.07 0.42 0.00	46.78 0.42 0.00	45.84 0.41 0.00	43.14 0.26 0.00	39.01 0.16 0.00	37.11 0.11 0.00
JENNISON____1 23625	41.69 2.17 0.00	38.62 2.15 0.00	35.89 1.97 0.00	36.47 2.00 0.00	35.54 1.98 0.00	35.92 2.10 0.00	35.77 1.96 0.00	38.12 2.19 0.00	40.19 2.28 0.00	46.22 3.18 0.00	50.97 3.51 0.00	50.71 3.36 0.00	49.66 3.29 0.00	50.47 3.30 0.00	50.81 3.28 0.00	50.58 3.13 0.00	51.91 3.40 0.00	59.75 3.96 0.00	56.33 3.69 0.00	49.47 3.11 0.00	48.15 2.73 0.00	45.15 2.27 0.00	40.80 1.94 0.00	38.92 1.92 0.00
JENNISON____2 23626	41.69 2.17 0.00	38.62 2.15 0.00	35.89 1.97 0.00	36.47 2.00 0.00	35.54 1.98 0.00	35.92 2.10 0.00	35.77 1.96 0.00	38.12 2.19 0.00	40.19 2.28 0.00	46.22 3.18 0.00	50.97 3.51 0.00	50.71 3.36 0.00	49.66 3.29 0.00	50.47 3.30 0.00	50.81 3.28 0.00	50.58 3.13 0.00	51.91 3.40 0.00	59.75 3.96 0.00	56.33 3.69 0.00	49.47 3.11 0.00	48.15 2.73 0.00	45.15 2.27 0.00	40.80 1.94 0.00	38.92 1.92 0.00
JERICOHO_RISE_WT_PWR 323719	40.39 0.87 0.00	37.27 0.80 0.00	34.64 0.71 0.00	35.26 0.79 0.00	34.37 0.80 0.00	34.67 0.85 0.00	34.59 0.78 0.00	36.83 0.90 0.00	39.02 1.10 0.00	44.24 1.20 0.00	47.84 0.38 0.00	47.73 0.38 0.00	46.88 0.51 0.00	47.55 0.38 0.00	47.87 0.34 0.00	47.83 0.38 0.00	48.95 0.44 0.00	56.01 0.22 0.00	53.18 0.53 0.00	46.69 0.33 0.00	45.84 0.41 0.00	43.87 0.99 0.00	39.98 1.13 0.00	38.11 1.11 0.00
KATONAH__115KV_46KV_TB4 355592	41.85 2.33 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	34.94 1.38 0.00	35.27 1.45 0.00	35.33 1.52 0.00	37.58 1.65 0.00	39.93 2.01 0.00	45.70 2.67 0.00	50.74 3.27 0.00	50.81 3.46 0.00	49.66 3.29 0.00	50.52 3.35 0.00	51.00 3.47 0.00	50.91 3.46 0.00	51.91 3.40 0.00	59.86 4.07 0.00	56.33 3.69 0.00	49.65 3.29 0.00	48.79 3.36 0.00	45.67 2.79 0.00	41.07 2.21 0.00	38.92 1.92 0.00
KCE_NY_1 323755	41.46 1.94 0.00	38.22 1.75 0.00	35.45 1.53 0.00	36.02 1.55 0.00	35.01 1.44 0.00	35.27 1.45 0.00	35.30 1.49 0.00	37.47 1.54 0.00	39.70 1.78 0.00	45.36 2.32 0.00	50.40 2.94 0.00	50.33 2.98 0.00	49.25 2.88 0.00	50.05 2.88 0.00	50.38 2.85 0.00	50.29 2.85 0.00	51.43 2.91 0.00	59.25 3.46 0.00	55.75 3.11 0.00	49.05 2.69 0.00	48.15 2.73 0.00	45.11 2.23 0.00	40.56 1.71 0.00	38.59 1.59 0.00
KCE_NY_6_ESR 323823	38.25 -1.27 0.00	35.74 -0.73 0.00	33.62 -0.31 0.00	34.37 -0.10 0.00	33.33 -0.23 0.00	33.62 -0.20 0.00	33.51 -0.30 0.00	35.72 -0.21 0.00	36.40 -1.52 0.00	40.45 -2.58 0.00	45.18 -2.28 0.00	44.27 -3.08 0.00	43.54 -2.83 0.00	44.20 -2.97 0.00	44.54 -2.99 0.00	44.51 -2.94 0.00	45.27 -3.25 0.00	52.16 -3.63 0.00	49.54 -3.11 0.00	43.86 -2.50 0.00	42.34 -3.09 0.00	40.52 -2.36 0.00	36.99 -1.86 0.00	36.04 -0.96 0.00
KEDC_PORT_JEFF_GT2 24210	47.14 3.48 -4.14	39.28 2.81 0.00	36.50 2.58 0.00	36.71 2.24 0.00	35.85 2.28 0.00	36.42 2.50 -0.10	36.31 2.50 0.00	40.17 2.73 -1.51	43.49 3.03 -2.53	51.61 3.57 -5.01	53.49 4.70 -1.33	54.27 4.73 -2.18	54.89 4.68 -3.83	55.34 4.76 -3.41	55.08 4.85 -2.70	55.44 4.98 -3.02	58.45 5.24 -4.69	66.73 5.97 -4.96	57.81 5.16 0.00	54.67 4.68 -3.63	54.38 5.04 -3.91	53.41 4.29 -6.24	51.68 3.50 -9.33	47.08 3.07 -7.01
KEDC_PORT_JEFF_GT3 24211	47.14 3.48 -4.14	39.28 2.81 0.00	36.50 2.58 0.00	36.71 2.24 0.00	35.85 2.28 0.00	36.42 2.50 -0.10	36.31 2.50 0.00	40.17 2.73 -1.51	43.49 3.03 -2.53	51.61 3.57 -5.01	53.49 4.70 -1.33	54.27 4.73 -2.18	54.89 4.68 -3.83	55.34 4.76 -3.41	55.08 4.85 -2.70	55.44 4.98 -3.02	58.45 5.24 -4.69	66.73 5.97 -4.96	57.81 5.16 0.00	54.67 4.68 -3.63	54.38 5.04 -3.91	53.41 4.29 -6.24	51.68 3.50 -9.33	47.08 3.07 -7.01
KEDC_GLWD_GT4 24219	46.55 2.88 -4.14	38.81 2.34 0.00	36.03 2.10 0.00	36.33 1.86 0.00	35.41 1.84 0.00	35.91 1.99 -0.10	35.84 2.03 0.00	39.67 2.23 -1.51	43.03 2.58 -2.53	51.14 3.10 -5.01	52.30 3.51 -1.33	53.22 3.70 -2.18	53.82 3.62 -3.83	54.26 3.68 -3.41	53.98 3.75 -2.69	54.26 3.80 -3.01	57.09 3.88 -4.69	65.33 4.58 -4.96	56.65 4.00 0.00	53.70 3.71 -3.63	53.19 3.86 -3.91	52.33 3.22 -6.24	51.05 2.88 -9.32	46.56 2.55 -7.01
KEDC_GLWD_GT5 24220	46.55 2.88 -4.14	38.81 2.34 0.00	36.03 2.10 0.00	36.33 1.86 0.00	35.41 1.84 0.00	35.91 1.99 -0.10	35.84 2.03 0.00	39.67 2.23 -1.51	43.03 2.58 -2.53	51.14 3.10 -5.01	52.30 3.51 -1.33	53.22 3.70 -2.18	53.82 3.62 -3.83	54.26 3.68 -3.41	53.98 3.75 -2.69	54.26 3.80 -3.01	57.09 3.88 -4.69	65.33 4.58 -4.96	56.65 4.00 0.00	53.70 3.71 -3.63	53.19 3.86 -3.91	52.33 3.22 -6.24	51.05 2.88 -9.32	46.56 2.55 -7.01
KENSICO____ 23655	41.53 2.02 0.00	38.04 1.57 0.00	35.31 1.39 0.00	35.75 1.28 0.00	34.74 1.17 0.00	35.07 1.25 0.00	35.10 1.28 0.00	37.40 1.47 0.00	39.63 1.71 0.00	45.31 2.28 0.00	50.21 2.75 0.00	50.29 2.94 0.00	49.24 2.87 0.00	50.10 2.92 0.00	50.57 3.04 0.00	50.48 3.04 0.00	51.57 3.06 0.00	59.47 3.68 0.00	55.91 3.26 0.00	49.28 2.92 0.00	48.43 3.00 0.00	45.32 2.44 0.00	40.84 1.98 0.00	38.70 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.89 2.37 0.00	38.40 1.93 0.00	35.65 1.73 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.41 1.59 0.00	35.30 1.49 0.00	37.51 1.58 0.00	39.63 1.71 0.00	45.19 2.15 0.00	50.07 2.61 0.00	50.14 2.79 0.00	49.11 2.74 0.00	49.95 2.78 0.00	50.53 2.99 0.00	50.53 3.08 0.00	51.72 3.20 0.00	59.64 3.85 0.00	56.18 3.53 0.00	49.37 3.01 0.00	48.43 3.00 0.00	45.37 2.49 0.00	40.84 1.98 0.00	38.78 1.78 0.00

KIAC_JFK_GT1 23816	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.21 1.39 0.00	35.33 1.52 0.00	37.69 1.76 0.00	40.08 2.16 0.00	45.83 2.80 0.00	50.83 3.37 0.00	50.90 3.55 0.00	49.89 3.52 0.00	50.76 3.58 0.00	51.29 3.76 0.00	51.20 3.75 0.00	52.35 3.83 0.00	60.36 4.57 0.00	56.70 4.05 0.00	50.02 3.66 0.00	49.20 3.77 0.00	46.01 3.13 0.00	41.34 2.49 0.00	39.00 2.00 0.00
KIAC_JFK_GT2 23817	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.21 1.39 0.00	35.33 1.52 0.00	37.69 1.76 0.00	40.08 2.16 0.00	45.83 2.80 0.00	50.83 3.37 0.00	50.90 3.55 0.00	49.89 3.52 0.00	50.76 3.58 0.00	51.29 3.76 0.00	51.20 3.75 0.00	52.35 3.83 0.00	60.36 4.57 0.00	56.70 4.05 0.00	50.02 3.66 0.00	49.20 3.77 0.00	46.01 3.13 0.00	41.34 2.49 0.00	39.00 2.00 0.00
KIAC_JFK____ 323774	41.73 2.21 0.00	38.15 1.68 0.00	35.41 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.21 1.39 0.00	35.34 1.52 0.00	37.62 1.69 0.00	40.08 2.16 0.00	45.66 2.63 0.00	50.83 3.37 0.00	50.90 3.55 0.00	49.89 3.52 0.00	50.75 3.58 0.00	51.19 3.66 0.00	51.20 3.75 0.00	52.35 3.83 0.00	60.31 4.52 0.00	56.70 4.05 0.00	50.07 3.71 0.00	49.43 4.00 0.00	46.10 3.22 0.00	41.34 2.49 0.00	39.00 2.00 0.00
KINTIGH____ 23543	37.15 -2.37 0.00	34.61 -1.86 0.00	32.26 -1.66 0.00	32.88 -1.59 0.00	32.25 -1.31 0.00	32.57 -1.25 0.00	32.46 -1.35 0.00	34.39 -1.54 0.00	35.38 -2.54 0.00	40.97 -2.07 0.00	43.95 -3.51 0.00	43.14 -4.21 0.00	42.47 -3.90 0.00	43.07 -4.10 0.00	43.25 -4.28 0.00	43.42 -4.03 0.00	44.20 -4.32 0.00	51.16 -4.63 0.00	48.28 -4.37 0.00	42.65 -3.71 0.00	41.66 -3.77 0.00	38.93 -3.94 0.00	36.02 -2.84 0.00	34.97 -2.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.94 1.42 0.00	37.82 1.35 0.00	35.08 1.15 0.00	35.71 1.24 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.06 1.25 0.00	37.37 1.44 0.00	39.63 1.71 0.00	44.50 1.46 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.53 1.16 0.00	48.16 0.99 0.00	48.44 0.90 0.00	48.44 1.00 0.00	49.58 1.07 0.00	56.57 0.78 0.00	53.91 1.26 0.00	47.89 1.53 0.00	47.25 1.82 0.00	44.68 1.80 0.00	40.56 1.71 0.00	38.70 1.70 0.00
LACHUTE____HYDRO 323717	43.00 3.48 0.00	39.53 3.06 0.00	36.71 2.78 0.00	37.30 2.83 0.00	36.11 2.55 0.00	36.42 2.60 0.00	36.45 2.64 0.00	38.77 2.84 0.00	41.22 3.30 0.00	47.51 4.48 0.00	53.01 5.55 0.00	52.93 5.58 0.00	51.56 5.19 0.00	52.36 5.19 0.00	52.57 5.04 0.00	52.34 4.89 0.00	53.61 5.09 0.00	61.87 6.08 0.00	58.18 5.53 0.00	51.00 4.64 0.00	50.11 4.68 0.00	46.65 3.77 0.00	41.73 2.88 0.00	39.67 2.67 0.00
LAWRNCALV_115KV_TB1 80681	39.01 -0.51 0.00	36.00 -0.47 0.00	33.65 -0.27 0.00	34.23 -0.24 0.00	33.36 -0.20 0.00	33.65 -0.17 0.00	33.54 -0.27 0.00	35.46 -0.47 0.00	37.58 -0.34 0.00	42.22 -0.82 0.00	46.56 -0.90 0.00	46.45 -0.90 0.00	45.49 -0.88 0.00	46.32 -0.85 0.00	46.63 -0.90 0.00	46.50 -0.95 0.00	47.59 -0.92 0.00	54.51 -1.28 0.00	51.75 -0.90 0.00	45.53 -0.83 0.00	44.66 -0.77 0.00	42.41 -0.47 0.00	38.47 -0.39 0.00	36.63 -0.37 0.00
LEDERLE____ 23769	41.42 1.90 0.00	37.89 1.42 0.00	35.18 1.26 0.00	35.64 1.17 0.00	34.60 1.04 0.00	34.94 1.12 0.00	35.00 1.18 0.00	37.26 1.33 0.00	39.44 1.52 0.00	45.06 2.02 0.00	49.98 2.52 0.00	50.00 2.65 0.00	48.97 2.60 0.00	49.81 2.64 0.00	50.29 2.76 0.00	50.20 2.75 0.00	51.33 2.81 0.00	59.14 3.35 0.00	55.65 3.00 0.00	49.05 2.69 0.00	48.15 2.73 0.00	45.11 2.23 0.00	40.64 1.79 0.00	38.52 1.52 0.00
LIGHTHSE_115KV_TB6 355974	38.73 -0.79 0.00	35.78 -0.69 0.00	33.25 -0.68 0.00	33.82 -0.65 0.00	32.96 -0.60 0.00	33.21 -0.61 0.00	33.10 -0.71 0.00	35.21 -0.72 0.00	37.20 -0.72 0.00	42.60 -0.43 0.00	47.03 -0.43 0.00	46.83 -0.52 0.00	45.81 -0.56 0.00	46.65 -0.52 0.00	46.96 -0.57 0.00	46.78 -0.66 0.00	47.89 -0.63 0.00	55.17 -0.61 0.00	52.07 -0.58 0.00	45.76 -0.60 0.00	44.75 -0.68 0.00	42.06 -0.81 0.00	38.04 -0.82 0.00	36.26 -0.74 0.00
LINDEN COGEN____ 23786	41.49 1.98 0.01	37.92 1.46 0.01	35.20 1.29 0.01	35.60 1.14 0.01	34.60 1.04 0.01	34.93 1.11 0.01	34.95 1.15 0.01	37.15 1.22 0.00	39.51 1.59 0.00	45.01 1.98 0.00	50.07 2.61 0.00	50.14 2.79 0.00	49.10 2.74 0.00	49.95 2.78 0.00	50.38 2.85 0.00	50.39 2.94 0.00	51.48 2.96 0.00	59.31 3.52 0.00	55.75 3.11 0.00	49.24 2.88 0.00	48.61 3.18 0.00	45.41 2.53 0.00	40.87 2.02 0.00	38.66 1.67 0.01
LINDHRST_69_KV_BK1 356055	46.98 3.32 -4.14	39.17 2.70 0.00	36.37 2.44 0.00	36.64 2.17 0.00	35.75 2.18 0.00	36.29 2.37 -0.10	36.18 2.37 0.00	40.10 2.66 -1.51	43.37 2.92 -2.53	51.74 3.70 -5.01	53.25 4.46 -1.33	54.12 4.59 -2.18	54.70 4.50 -3.83	55.20 4.62 -3.41	54.98 4.75 -2.70	55.25 4.79 -3.01	58.15 4.95 -4.69	66.61 5.86 -4.96	57.70 5.05 0.00	54.63 4.64 -3.63	54.02 4.68 -3.91	53.11 3.99 -6.24	51.52 3.34 -9.33	46.97 2.96 -7.01
LIPA_MISC_IPP 23656	47.14 3.48 -4.14	39.28 2.81 0.00	36.50 2.58 0.00	36.71 2.24 0.00	35.85 2.28 0.00	36.42 2.50 -0.10	36.31 2.50 0.00	40.24 2.80 -1.51	43.48 3.03 -2.53	51.79 3.74 -5.01	53.49 4.70 -1.33	54.27 4.74 -2.18	54.89 4.68 -3.83	55.35 4.76 -3.41	55.13 4.90 -2.70	55.45 4.98 -3.02	58.49 5.29 -4.69	66.72 5.97 -4.96	57.70 5.05 0.00	54.44 4.45 -3.63	54.20 4.86 -3.91	53.28 4.16 -6.24	51.68 3.50 -9.33	47.08 3.07 -7.01
LISF____SOLAR 323691	47.22 3.56 -4.14	39.35 2.88 0.00	36.57 2.65 0.00	36.78 2.31 0.00	35.91 2.35 0.00	36.49 2.57 -0.10	36.38 2.57 0.00	40.28 2.84 -1.51	43.56 3.11 -2.53	51.66 3.62 -5.01	53.64 4.84 -1.33	54.36 4.83 -2.18	54.98 4.78 -3.83	55.44 4.86 -3.41	55.17 4.94 -2.70	55.59 5.13 -3.02	58.64 5.43 -4.69	66.84 6.08 -4.96	57.86 5.21 0.00	54.63 4.64 -3.63	54.52 5.18 -3.91	53.50 4.38 -6.24	51.75 3.57 -9.33	47.15 3.14 -7.01
LITTLE FALLS____HYD 24013	38.89 -0.63 0.00	35.96 -0.51 0.00	33.45 -0.47 0.00	33.99 -0.48 0.00	33.16 -0.40 0.00	33.48 -0.34 0.00	33.51 -0.30 0.00	35.68 -0.25 0.00	37.81 -0.11 0.00	43.21 0.17 0.00	47.84 0.38 0.00	47.78 0.43 0.00	46.74 0.37 0.00	47.60 0.42 0.00	48.01 0.48 0.00	47.88 0.43 0.00	49.00 0.49 0.00	56.40 0.61 0.00	53.12 0.47 0.00	46.69 0.32 0.00	45.61 0.18 0.00	42.92 0.04 0.00	38.74 -0.12 0.00	36.82 -0.19 0.00
LITTLRIV_115KV_TB1 356100	39.36 -0.16 0.00	36.32 -0.15 0.00	33.96 0.03 0.00	34.54 0.07 0.00	33.63 0.07 0.00	33.95 0.14 0.00	33.81 0.00 0.00	35.82 -0.11 0.00	37.99 0.08 0.00	42.69 -0.34 0.00	47.13 -0.33 0.00	47.02 -0.33 0.00	46.00 -0.37 0.00	46.89 -0.28 0.00	47.15 -0.38 0.00	47.02 -0.43 0.00	48.18 -0.34 0.00	55.17 -0.61 0.00	52.33 -0.32 0.00	46.04 -0.32 0.00	45.11 -0.32 0.00	42.88 0.00 0.00	38.85 0.00 0.00	36.96 -0.04 0.00

LI_NEWBRDGE___DRP 323616	46.23 2.57 -4.14	38.51 2.04 0.00	35.79 1.87 0.00	36.09 1.62 0.00	35.17 1.61 0.00	35.68 1.76 -0.10	35.60 1.79 0.00	39.45 2.01 -1.51	42.73 2.28 -2.53	50.97 2.93 -5.01	52.26 3.46 -1.33	53.13 3.60 -2.18	53.73 3.52 -3.84	54.17 3.58 -3.41	53.94 3.71 -2.70	54.21 3.75 -3.02	56.99 3.78 -4.69	65.22 4.46 -4.96	56.49 3.84 0.00	53.61 3.62 -3.63	53.02 3.68 -3.91	52.21 3.09 -6.24	50.75 2.56 -9.33	46.27 2.26 -7.01
LOCKPORT_115KV_TB60_63_64 80432	37.35 -2.17 0.00	34.90 -1.57 0.00	32.50 -1.42 0.00	33.20 -1.28 0.00	32.59 -0.97 0.00	32.91 -0.91 0.00	32.66 -1.15 0.00	34.60 -1.33 0.00	35.38 -2.54 0.00	41.14 -1.89 0.00	43.85 -3.61 0.00	42.95 -4.40 0.00	42.29 -4.08 0.00	42.93 -4.25 0.00	43.02 -4.52 0.00	43.23 -4.22 0.00	44.00 -4.51 0.00	50.99 -4.80 0.00	48.12 -4.53 0.00	42.51 -3.85 0.00	41.52 -3.91 0.00	38.76 -4.12 0.00	35.98 -2.88 0.00	35.11 -1.89 0.00
LOCKPORT___CC1 323769	37.35 -2.17 0.00	34.90 -1.57 0.00	32.87 -1.05 0.00	33.61 -0.86 0.00	32.56 -1.01 0.00	32.91 -0.91 0.00	32.70 -1.11 0.00	34.85 -1.08 0.00	35.42 -2.50 0.00	39.25 -3.79 0.00	43.90 -3.56 0.00	42.95 -4.40 0.00	42.29 -4.08 0.00	42.93 -4.25 0.00	43.30 -4.23 0.00	43.23 -4.22 0.00	43.95 -4.56 0.00	50.54 -5.25 0.00	48.07 -4.58 0.00	42.61 -3.75 0.00	41.11 -4.32 0.00	39.36 -3.52 0.00	35.98 -2.87 0.00	35.11 -1.89 0.00
LOCKPORT___CC2 323770	37.35 -2.17 0.00	34.90 -1.57 0.00	32.87 -1.05 0.00	33.61 -0.86 0.00	32.56 -1.01 0.00	32.91 -0.91 0.00	32.70 -1.11 0.00	34.85 -1.08 0.00	35.42 -2.50 0.00	39.25 -3.79 0.00	43.90 -3.56 0.00	42.95 -4.40 0.00	42.29 -4.08 0.00	42.93 -4.25 0.00	43.30 -4.23 0.00	43.23 -4.22 0.00	43.95 -4.56 0.00	50.54 -5.25 0.00	48.07 -4.58 0.00	42.61 -3.75 0.00	41.11 -4.32 0.00	39.36 -3.52 0.00	35.98 -2.87 0.00	35.11 -1.89 0.00
LOCKPORT___CC3 323771	37.35 -2.17 0.00	34.90 -1.57 0.00	32.87 -1.05 0.00	33.61 -0.86 0.00	32.56 -1.01 0.00	32.91 -0.91 0.00	32.70 -1.11 0.00	34.85 -1.08 0.00	35.42 -2.50 0.00	39.25 -3.79 0.00	43.90 -3.56 0.00	42.95 -4.40 0.00	42.29 -4.08 0.00	42.93 -4.25 0.00	43.30 -4.23 0.00	43.23 -4.22 0.00	43.95 -4.56 0.00	50.54 -5.25 0.00	48.07 -4.58 0.00	42.61 -3.75 0.00	41.11 -4.32 0.00	39.36 -3.52 0.00	35.98 -2.87 0.00	35.11 -1.89 0.00
LONG_LAKE_PHOENIX 24014	38.37 -1.15 0.00	35.49 -0.98 0.00	32.97 -0.95 0.00	33.54 -0.93 0.00	32.66 -0.91 0.00	32.91 -0.91 0.00	32.90 -0.91 0.00	35.00 -0.93 0.00	36.86 -1.06 0.00	42.13 -0.90 0.00	46.46 -1.00 0.00	46.31 -1.04 0.00	45.30 -1.07 0.00	46.09 -1.08 0.00	46.39 -1.14 0.00	46.31 -1.14 0.00	47.35 -1.16 0.00	54.51 -1.28 0.00	51.44 -1.21 0.00	45.25 -1.11 0.00	44.25 -1.18 0.00	41.59 -1.29 0.00	37.69 -1.17 0.00	35.96 -1.04 0.00
LOVETT___3 23632	41.26 1.74 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.44 0.97 0.00	34.44 0.87 0.00	34.77 0.95 0.00	34.83 1.01 0.00	37.12 1.19 0.00	39.28 1.37 0.00	44.88 1.85 0.00	49.74 2.28 0.00	49.81 2.46 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.05 2.52 0.00	50.01 2.56 0.00	51.09 2.57 0.00	58.86 3.07 0.00	55.39 2.74 0.00	48.82 2.46 0.00	47.93 2.50 0.00	44.89 2.02 0.00	40.45 1.59 0.00	38.33 1.33 0.00
LOVETT___4 23642	41.26 1.74 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.44 0.97 0.00	34.44 0.87 0.00	34.77 0.95 0.00	34.83 1.01 0.00	37.12 1.19 0.00	39.28 1.37 0.00	44.88 1.85 0.00	49.74 2.28 0.00	49.81 2.46 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.05 2.52 0.00	50.01 2.56 0.00	51.09 2.57 0.00	58.86 3.07 0.00	55.39 2.74 0.00	48.82 2.46 0.00	47.93 2.50 0.00	44.89 2.02 0.00	40.45 1.59 0.00	38.33 1.33 0.00
LOVETT___5 23593	41.26 1.74 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.44 0.97 0.00	34.44 0.87 0.00	34.77 0.95 0.00	34.83 1.01 0.00	37.12 1.19 0.00	39.28 1.37 0.00	44.88 1.85 0.00	49.74 2.28 0.00	49.81 2.46 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.05 2.52 0.00	50.01 2.56 0.00	51.09 2.57 0.00	58.86 3.07 0.00	55.39 2.74 0.00	48.82 2.46 0.00	47.93 2.50 0.00	44.89 2.02 0.00	40.45 1.59 0.00	38.33 1.33 0.00
LOWER RAQUET___HYD 24057	38.81 -0.71 0.00	35.81 -0.66 0.00	33.48 -0.44 0.00	34.02 -0.45 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.37 -0.44 0.00	35.28 -0.65 0.00	37.42 -0.49 0.00	42.52 -0.51 0.00	46.37 -1.09 0.00	46.26 -1.09 0.00	45.31 -1.06 0.00	46.13 -1.04 0.00	46.39 -1.14 0.00	46.31 -1.14 0.00	47.45 -1.07 0.00	54.40 -1.39 0.00	51.54 -1.11 0.00	45.25 -1.11 0.00	44.34 -1.09 0.00	42.06 -0.82 0.00	38.31 -0.54 0.00	36.45 -0.55 0.00
LOWER___HUDSON 24059	40.90 1.38 0.00	37.78 1.31 0.00	35.04 1.12 0.00	35.64 1.17 0.00	34.67 1.11 0.00	34.93 1.11 0.00	34.96 1.15 0.00	37.11 1.18 0.00	39.25 1.33 0.00	44.76 1.72 0.00	49.69 2.23 0.00	49.62 2.27 0.00	48.55 2.18 0.00	49.39 2.22 0.00	49.77 2.23 0.00	49.68 2.23 0.00	50.80 2.28 0.00	58.47 2.68 0.00	55.07 2.42 0.00	48.49 2.13 0.00	47.65 2.23 0.00	44.72 1.84 0.00	40.25 1.40 0.00	38.26 1.26 0.00
LOWVILLE_115KV_TB2 356335	39.64 0.12 0.00	36.62 0.15 0.00	34.06 0.14 0.00	34.61 0.14 0.00	33.76 0.20 0.00	34.06 0.24 0.00	33.95 0.14 0.00	36.11 0.18 0.00	38.26 0.34 0.00	43.72 0.69 0.00	48.41 0.95 0.00	48.15 0.80 0.00	47.11 0.74 0.00	48.02 0.85 0.00	48.34 0.81 0.00	48.16 0.71 0.00	49.44 0.92 0.00	56.85 1.06 0.00	53.65 1.00 0.00	47.15 0.79 0.00	46.02 0.59 0.00	43.31 0.43 0.00	39.05 0.19 0.00	37.11 0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.42 1.90 0.00	38.18 1.71 0.00	35.45 1.53 0.00	36.02 1.55 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.27 1.45 0.00	37.48 1.54 0.00	39.66 1.74 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.29 2.94 0.00	49.20 2.83 0.00	50.00 2.83 0.00	50.38 2.85 0.00	50.25 2.80 0.00	51.38 2.86 0.00	59.19 3.40 0.00	55.70 3.05 0.00	48.96 2.60 0.00	48.06 2.63 0.00	45.02 2.14 0.00	40.56 1.71 0.00	38.55 1.55 0.00
LUTHERNY_35_KV_BK2 355980	41.46 1.94 0.00	38.22 1.75 0.00	35.45 1.53 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.27 1.45 0.00	35.30 1.49 0.00	37.51 1.58 0.00	39.70 1.78 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.33 2.98 0.00	49.24 2.87 0.00	50.05 2.88 0.00	50.43 2.90 0.00	50.29 2.85 0.00	51.43 2.91 0.00	59.25 3.46 0.00	55.76 3.11 0.00	49.00 2.64 0.00	48.11 2.68 0.00	45.06 2.19 0.00	40.56 1.71 0.00	38.59 1.59 0.00
LWR___OSWEGATCHIE_HYD 23850	38.77 -0.75 0.00	35.81 -0.66 0.00	33.38 -0.54 0.00	33.92 -0.55 0.00	33.06 -0.50 0.00	33.38 -0.44 0.00	33.24 -0.57 0.00	35.28 -0.65 0.00	37.39 -0.53 0.00	42.39 -0.65 0.00	46.84 -0.62 0.00	46.69 -0.66 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.87 -0.67 0.00	46.74 -0.71 0.00	47.89 -0.63 0.00	55.01 -0.78 0.00	52.02 -0.63 0.00	45.76 -0.60 0.00	44.75 -0.68 0.00	42.32 -0.56 0.00	38.23 -0.62 0.00	36.33 -0.67 0.00

LYONS_FALL_HYD 23570	39.91 0.40 0.00	36.87 0.40 0.00	34.30 0.37 0.00	34.85 0.38 0.00	33.97 0.40 0.00	34.26 0.44 0.00	34.15 0.34 0.00	36.36 0.43 0.00	38.49 0.57 0.00	43.89 0.86 0.00	48.69 1.23 0.00	48.48 1.13 0.00	47.48 1.11 0.00	48.35 1.18 0.00	48.72 1.19 0.00	48.49 1.04 0.00	49.73 1.21 0.00	57.18 1.40 0.00	53.91 1.26 0.00	47.43 1.07 0.00	46.29 0.86 0.00	43.61 0.73 0.00	39.28 0.43 0.00	37.37 0.37 0.00
MADISON___COUNTY_LFGE 323628	40.31 0.79 0.00	37.27 0.80 0.00	34.67 0.75 0.00	35.23 0.76 0.00	34.34 0.77 0.00	34.66 0.85 0.00	34.59 0.78 0.00	36.79 0.86 0.00	38.87 0.95 0.00	44.50 1.46 0.00	49.22 1.76 0.00	48.96 1.61 0.00	47.99 1.62 0.00	48.87 1.70 0.00	49.20 1.66 0.00	49.06 1.61 0.00	50.17 1.65 0.00	57.63 1.84 0.00	54.33 1.68 0.00	47.75 1.39 0.00	46.65 1.23 0.00	43.82 0.94 0.00	39.59 0.74 0.00	37.74 0.74 0.00
MALONE___115KV_TB1 356076	40.51 0.99 0.00	37.42 0.95 0.00	34.77 0.85 0.00	35.40 0.93 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.73 0.91 0.00	36.97 1.04 0.00	39.21 1.29 0.00	43.98 0.95 0.00	48.27 0.81 0.00	48.11 0.76 0.00	47.30 0.93 0.00	47.93 0.75 0.00	48.20 0.67 0.00	48.21 0.76 0.00	49.34 0.82 0.00	56.29 0.50 0.00	53.60 0.95 0.00	47.38 1.02 0.00	46.65 1.23 0.00	44.16 1.29 0.00	40.10 1.24 0.00	38.22 1.22 0.00
MAPLEWOD_115KV_TB3 80458	40.67 1.15 0.00	37.49 1.02 0.00	34.84 0.92 0.00	35.40 0.93 0.00	34.40 0.84 0.00	34.70 0.88 0.00	34.76 0.95 0.00	36.86 0.93 0.00	38.98 1.06 0.00	44.54 1.51 0.00	49.36 1.90 0.00	49.29 1.94 0.00	48.22 1.85 0.00	49.06 1.89 0.00	49.48 1.95 0.00	49.35 1.90 0.00	50.46 1.94 0.00	58.13 2.34 0.00	54.70 2.05 0.00	48.17 1.81 0.00	47.25 1.82 0.00	44.34 1.46 0.00	39.98 1.13 0.00	38.00 1.00 0.00
MAPLE_RIDGE_WT_1 323574	39.40 -0.12 0.00	36.40 -0.07 0.00	33.86 -0.07 0.00	34.40 -0.07 0.00	33.53 -0.03 0.00	33.75 -0.07 0.00	33.75 -0.07 0.00	35.86 -0.07 0.00	37.88 -0.04 0.00	42.99 -0.04 0.00	47.22 -0.24 0.00	47.16 -0.19 0.00	46.18 -0.18 0.00	47.03 -0.14 0.00	47.34 -0.19 0.00	47.26 -0.19 0.00	48.37 -0.15 0.00	55.57 -0.22 0.00	52.44 -0.21 0.00	46.18 -0.18 0.00	45.25 -0.18 0.00	42.79 -0.09 0.00	38.85 0.00 0.00	37.00 0.00 0.00
MAPLE_RIDGE_WT_2 323611	39.40 -0.12 0.00	36.40 -0.07 0.00	33.86 -0.07 0.00	34.40 -0.07 0.00	33.53 -0.03 0.00	33.75 -0.07 0.00	33.75 -0.07 0.00	35.86 -0.07 0.00	37.88 -0.04 0.00	42.99 -0.04 0.00	47.22 -0.24 0.00	47.16 -0.19 0.00	46.18 -0.18 0.00	47.03 -0.14 0.00	47.34 -0.19 0.00	47.26 -0.19 0.00	48.37 -0.15 0.00	55.57 -0.22 0.00	52.44 -0.21 0.00	46.18 -0.18 0.00	45.25 -0.18 0.00	42.79 -0.09 0.00	38.85 0.00 0.00	37.00 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	40.43 0.91 0.00	37.31 0.84 0.00	34.67 0.75 0.00	35.30 0.83 0.00	34.40 0.84 0.00	34.70 0.88 0.00	34.62 0.81 0.00	36.86 0.93 0.00	39.06 1.14 0.00	44.28 1.25 0.00	47.84 0.38 0.00	47.73 0.38 0.00	46.88 0.51 0.00	47.59 0.42 0.00	47.87 0.34 0.00	47.87 0.43 0.00	48.95 0.44 0.00	56.01 0.22 0.00	53.18 0.53 0.00	46.73 0.37 0.00	45.84 0.41 0.00	43.91 1.03 0.00	40.02 1.16 0.00	38.15 1.15 0.00
MARSHVLE_115KV_TB1 80742	42.88 3.36 0.00	39.57 3.10 0.00	36.77 2.85 0.00	37.37 2.90 0.00	36.28 2.72 0.00	36.63 2.81 0.00	36.65 2.84 0.00	39.09 3.16 0.00	41.33 3.41 0.00	47.47 4.43 0.00	52.59 5.13 0.00	52.46 5.11 0.00	51.19 4.82 0.00	52.08 4.91 0.00	52.52 4.99 0.00	52.43 4.98 0.00	53.80 5.29 0.00	62.09 6.30 0.00	58.39 5.74 0.00	51.28 4.91 0.00	50.15 4.72 0.00	46.82 3.94 0.00	42.12 3.26 0.00	40.03 3.03 0.00
MARSH_HILL_WT_PWR 323713	39.52 0.00 0.00	36.94 0.47 0.00	34.64 0.71 0.00	35.37 0.89 0.00	34.34 0.77 0.00	34.63 0.81 0.00	34.62 0.81 0.00	36.86 0.93 0.00	37.96 0.04 0.00	42.39 -0.64 0.00	47.27 -0.19 0.00	46.54 -0.81 0.00	45.58 -0.79 0.00	46.27 -0.90 0.00	46.58 -0.95 0.00	46.55 -0.90 0.00	47.59 -0.92 0.00	54.73 -1.06 0.00	52.02 -0.63 0.00	45.85 -0.51 0.00	44.34 -1.09 0.00	42.15 -0.73 0.00	38.31 -0.54 0.00	37.04 0.04 0.00
MCINTYRE_115KV_TB2 80467	39.84 0.32 0.00	36.80 0.33 0.00	34.40 0.47 0.00	34.95 0.48 0.00	34.07 0.50 0.00	34.36 0.54 0.00	34.22 0.41 0.00	36.22 0.29 0.00	38.41 0.49 0.00	43.16 0.13 0.00	47.65 0.19 0.00	47.54 0.19 0.00	46.51 0.14 0.00	47.41 0.24 0.00	47.67 0.14 0.00	47.54 0.09 0.00	48.71 0.19 0.00	55.73 -0.06 0.00	52.91 0.26 0.00	46.55 0.19 0.00	45.61 0.18 0.00	43.35 0.47 0.00	39.28 0.43 0.00	37.41 0.41 0.00
MECO_____69_KV_BK1 80468	44.62 5.10 0.00	41.14 4.67 0.00	38.20 4.27 0.00	38.81 4.34 0.00	37.52 3.96 0.00	37.98 4.16 0.00	38.04 4.23 0.00	40.64 4.71 0.00	43.00 5.08 0.00	49.66 6.63 0.00	55.15 7.69 0.00	55.12 7.77 0.00	53.60 7.23 0.00	54.53 7.36 0.00	55.04 7.51 0.00	54.99 7.54 0.00	56.42 7.91 0.00	65.16 9.37 0.00	61.07 8.42 0.00	53.55 7.19 0.00	52.42 7.00 0.00	48.75 5.87 0.00	43.71 4.86 0.00	41.59 4.59 0.00
MENANDS___115KV_TB5 355628	40.43 0.91 0.00	37.31 0.84 0.00	34.64 0.71 0.00	35.23 0.76 0.00	34.23 0.67 0.00	34.50 0.68 0.00	34.59 0.78 0.00	36.68 0.75 0.00	38.79 0.87 0.00	44.28 1.25 0.00	49.07 1.61 0.00	49.01 1.66 0.00	47.95 1.58 0.00	48.77 1.60 0.00	49.20 1.66 0.00	49.11 1.66 0.00	50.17 1.65 0.00	57.80 2.01 0.00	54.39 1.74 0.00	47.89 1.53 0.00	46.97 1.54 0.00	44.12 1.24 0.00	39.79 0.93 0.00	37.78 0.78 0.00
MG INDUSTRY___DRP 24185	40.59 1.07 0.00	37.42 0.95 0.00	34.81 0.88 0.00	35.37 0.90 0.00	34.40 0.84 0.00	34.63 0.81 0.00	34.66 0.85 0.00	36.79 0.86 0.00	38.87 0.95 0.00	44.37 1.33 0.00	49.12 1.66 0.00	49.05 1.70 0.00	47.99 1.62 0.00	48.82 1.65 0.00	49.24 1.71 0.00	49.11 1.66 0.00	50.21 1.70 0.00	57.80 2.01 0.00	54.39 1.74 0.00	47.89 1.53 0.00	46.97 1.54 0.00	44.12 1.24 0.00	39.83 0.97 0.00	37.89 0.89 0.00
MID___OSWEGATCHIE_HYD 23849	38.77 -0.75 0.00	35.81 -0.66 0.00	33.38 -0.54 0.00	33.92 -0.55 0.00	33.06 -0.50 0.00	33.38 -0.44 0.00	33.24 -0.57 0.00	35.28 -0.65 0.00	37.39 -0.53 0.00	42.39 -0.65 0.00	46.84 -0.62 0.00	46.69 -0.66 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.87 -0.67 0.00	46.74 -0.71 0.00	47.89 -0.63 0.00	55.01 -0.78 0.00	52.02 -0.63 0.00	45.76 -0.60 0.00	44.75 -0.68 0.00	42.32 -0.56 0.00	38.23 -0.62 0.00	36.33 -0.67 0.00
MID___RAQUETTE_HYD 23851	38.81 -0.71 0.00	35.81 -0.66 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.37 -0.44 0.00	35.28 -0.65 0.00	37.43 -0.49 0.00	42.00 -1.03 0.00	46.37 -1.09 0.00	46.26 -1.09 0.00	45.30 -1.07 0.00	46.13 -1.04 0.00	46.44 -1.09 0.00	46.31 -1.14 0.00	47.45 -1.07 0.00	54.28 -1.51 0.00	51.54 -1.11 0.00	45.34 -1.02 0.00	44.47 -0.95 0.00	42.24 -0.64 0.00	38.31 -0.54 0.00	36.45 -0.56 0.00

MILLIKEN___1 23584	39.95 0.43 0.00	37.02 0.55 0.00	34.43 0.51 0.00	35.02 0.55 0.00	34.13 0.57 0.00	34.43 0.61 0.00	34.42 0.61 0.00	36.61 0.68 0.00	38.49 0.57 0.00	44.02 0.99 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.25 0.88 0.00	48.07 0.90 0.00	48.39 0.86 0.00	48.25 0.81 0.00	49.49 0.97 0.00	56.96 1.17 0.00	53.81 1.16 0.00	47.29 0.93 0.00	46.11 0.68 0.00	43.31 0.43 0.00	39.24 0.39 0.00	37.52 0.52 0.00
MILLIKEN___2 23585	39.95 0.43 0.00	37.02 0.55 0.00	34.43 0.51 0.00	35.02 0.55 0.00	34.13 0.57 0.00	34.43 0.61 0.00	34.42 0.61 0.00	36.61 0.68 0.00	38.49 0.57 0.00	44.02 0.99 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.25 0.88 0.00	48.07 0.90 0.00	48.39 0.86 0.00	48.25 0.81 0.00	49.49 0.97 0.00	56.96 1.17 0.00	53.81 1.16 0.00	47.29 0.93 0.00	46.11 0.68 0.00	43.31 0.43 0.00	39.24 0.39 0.00	37.52 0.52 0.00
MILLIKEN___DIESEL 23629	39.95 0.43 0.00	37.02 0.55 0.00	34.43 0.51 0.00	35.02 0.55 0.00	34.13 0.57 0.00	34.43 0.61 0.00	34.42 0.61 0.00	36.61 0.68 0.00	38.49 0.57 0.00	44.02 0.99 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.25 0.88 0.00	48.07 0.90 0.00	48.39 0.86 0.00	48.25 0.81 0.00	49.49 0.97 0.00	56.96 1.17 0.00	53.81 1.16 0.00	47.29 0.93 0.00	46.11 0.68 0.00	43.31 0.43 0.00	39.24 0.39 0.00	37.52 0.52 0.00
MILLSEAT___LFGE 323607	37.98 -1.54 0.00	35.49 -0.98 0.00	33.38 -0.54 0.00	34.09 -0.38 0.00	33.03 -0.54 0.00	33.38 -0.44 0.00	33.20 -0.61 0.00	35.39 -0.54 0.00	36.10 -1.82 0.00	40.19 -2.84 0.00	44.94 -2.52 0.00	44.13 -3.22 0.00	43.31 -3.06 0.00	44.01 -3.16 0.00	44.39 -3.14 0.00	44.32 -3.13 0.00	45.17 -3.35 0.00	51.99 -3.80 0.00	49.44 -3.21 0.00	43.72 -2.64 0.00	42.20 -3.22 0.00	40.31 -2.57 0.00	36.76 -2.10 0.00	35.74 -1.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.46 1.94 0.00	37.97 1.50 0.00	35.25 1.32 0.00	35.68 1.21 0.00	34.67 1.11 0.00	35.00 1.18 0.00	35.06 1.25 0.00	37.33 1.40 0.00	39.55 1.63 0.00	45.23 2.19 0.00	50.12 2.66 0.00	50.19 2.84 0.00	49.15 2.78 0.00	50.00 2.83 0.00	50.43 2.90 0.00	50.39 2.94 0.00	51.48 2.96 0.00	59.30 3.51 0.00	55.81 3.16 0.00	49.19 2.83 0.00	48.29 2.86 0.00	45.24 2.36 0.00	40.76 1.90 0.00	38.63 1.63 0.00
MILLWOOD_13_KV_LOAD 356217	41.57 2.05 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.78 1.31 0.00	34.74 1.17 0.00	35.07 1.25 0.00	35.13 1.32 0.00	37.40 1.47 0.00	39.66 1.74 0.00	45.36 2.32 0.00	50.26 2.80 0.00	50.33 2.98 0.00	49.29 2.92 0.00	50.14 2.97 0.00	50.62 3.09 0.00	50.53 3.08 0.00	51.62 3.11 0.00	59.47 3.68 0.00	55.97 3.32 0.00	49.33 2.97 0.00	48.47 3.04 0.00	45.37 2.49 0.00	40.84 1.98 0.00	38.70 1.70 0.00
MODEL_CITY_ENERGY 24167	36.95 -2.57 0.00	34.50 -1.97 0.00	32.53 -1.39 0.00	33.26 -1.21 0.00	32.16 -1.41 0.00	32.53 -1.29 0.00	32.29 -1.52 0.00	34.42 -1.51 0.00	34.96 -2.96 0.00	38.73 -4.30 0.00	43.33 -4.13 0.00	42.38 -4.97 0.00	41.73 -4.64 0.00	42.31 -4.86 0.00	42.73 -4.80 0.00	42.66 -4.79 0.00	43.37 -5.14 0.00	49.87 -5.91 0.00	47.44 -5.21 0.00	42.05 -4.31 0.00	40.57 -4.86 0.00	38.85 -4.03 0.00	35.55 -3.30 0.00	34.71 -2.29 0.00
MODERN_LFGE___ 323580	36.95 -2.57 0.00	34.50 -1.97 0.00	32.53 -1.39 0.00	33.26 -1.21 0.00	32.16 -1.41 0.00	32.53 -1.29 0.00	32.29 -1.52 0.00	34.42 -1.51 0.00	34.96 -2.96 0.00	38.73 -4.30 0.00	43.33 -4.13 0.00	42.38 -4.97 0.00	41.73 -4.64 0.00	42.31 -4.86 0.00	42.73 -4.80 0.00	42.66 -4.79 0.00	43.37 -5.14 0.00	49.87 -5.91 0.00	47.44 -5.21 0.00	42.05 -4.31 0.00	40.57 -4.86 0.00	38.85 -4.03 0.00	35.55 -3.30 0.00	34.71 -2.29 0.00
MOHAWK_PAPER___DRP 24187	40.67 1.15 0.00	37.49 1.02 0.00	34.84 0.92 0.00	35.40 0.93 0.00	34.40 0.84 0.00	34.70 0.88 0.00	34.76 0.95 0.00	36.86 0.93 0.00	38.98 1.06 0.00	44.54 1.51 0.00	49.36 1.90 0.00	49.29 1.94 0.00	48.22 1.85 0.00	49.06 1.89 0.00	49.48 1.95 0.00	49.35 1.90 0.00	50.46 1.94 0.00	58.13 2.34 0.00	54.70 2.05 0.00	48.17 1.81 0.00	47.25 1.82 0.00	44.34 1.46 0.00	39.98 1.13 0.00	38.00 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	41.53 2.02 0.00	38.26 1.79 0.00	35.48 1.56 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.24 1.42 0.00	35.27 1.45 0.00	37.40 1.47 0.00	39.66 1.74 0.00	45.62 2.58 0.00	50.64 3.18 0.00	50.57 3.22 0.00	49.38 3.01 0.00	50.19 3.02 0.00	50.53 2.99 0.00	50.34 2.89 0.00	51.52 3.01 0.00	59.41 3.63 0.00	55.91 3.26 0.00	49.10 2.74 0.00	48.15 2.73 0.00	44.98 2.10 0.00	40.45 1.59 0.00	38.44 1.44 0.00
MONGAUP___HYD 23641	41.77 2.25 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.27 1.45 0.00	35.17 1.35 0.00	37.30 1.37 0.00	39.44 1.52 0.00	44.76 1.72 0.00	49.74 2.28 0.00	49.76 2.41 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.00 2.47 0.00	50.20 2.75 0.00	51.43 2.91 0.00	59.19 3.40 0.00	55.86 3.21 0.00	49.10 2.73 0.00	48.20 2.77 0.00	45.11 2.23 0.00	40.56 1.71 0.00	38.55 1.55 0.00
MONTAUK___DIESEL 23721	48.64 4.98 -4.14	40.55 4.08 0.00	37.69 3.77 0.00	37.88 3.41 0.00	37.05 3.49 0.00	37.67 3.75 -0.10	37.57 3.75 0.00	41.57 4.13 -1.51	44.89 4.44 -2.53	53.47 5.42 -5.01	55.49 6.69 -1.33	56.21 6.68 -2.18	56.79 6.58 -3.83	57.28 6.70 -3.41	57.08 6.84 -2.70	57.39 6.93 -3.02	60.63 7.42 -4.69	69.34 8.59 -4.96	59.97 7.32 0.00	56.30 6.31 -3.63	56.02 6.68 -3.91	54.95 5.83 -6.24	53.12 4.93 -9.33	48.41 4.40 -7.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.52 0.00 0.00	36.91 0.44 0.00	34.36 0.44 0.00	35.09 0.62 0.00	34.37 0.81 0.00	34.66 0.85 0.00	34.62 0.81 0.00	36.76 0.83 0.00	37.81 -0.11 0.00	43.64 0.60 0.00	46.80 -0.66 0.00	45.93 -1.42 0.00	45.02 -1.34 0.00	45.71 -1.46 0.00	45.73 -1.81 0.00	45.83 -1.61 0.00	46.72 -1.80 0.00	54.06 -1.73 0.00	51.02 -1.63 0.00	44.92 -1.44 0.00	43.79 -1.64 0.00	40.91 -1.97 0.00	37.84 -1.01 0.00	36.89 -0.11 0.00
MORTIMER_115KV_TB3 55949	38.10 -1.42 0.00	35.45 -1.02 0.00	32.97 -0.95 0.00	33.61 -0.86 0.00	32.89 -0.67 0.00	33.18 -0.64 0.00	33.10 -0.71 0.00	35.14 -0.79 0.00	36.44 -1.48 0.00	42.09 -0.95 0.00	45.61 -1.85 0.00	45.08 -2.27 0.00	44.24 -2.13 0.00	45.00 -2.17 0.00	45.16 -2.38 0.00	45.27 -2.18 0.00	46.19 -2.33 0.00	53.33 -2.45 0.00	50.39 -2.26 0.00	44.41 -1.95 0.00	43.38 -2.04 0.00	40.61 -2.27 0.00	37.22 -1.63 0.00	35.85 -1.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.73 2.21 0.00	38.18 1.71 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.12 3.47 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00

MUNSVILLE_WIND_PWR 323609	42.60 3.08 0.00	39.57 3.10 0.00	36.81 2.88 0.00	37.33 2.86 0.00	36.35 2.78 0.00	36.83 3.01 0.00	36.59 2.77 0.00	39.17 3.24 0.00	41.26 3.34 0.00	46.99 3.96 0.00	52.54 5.08 0.00	52.23 4.88 0.00	51.15 4.78 0.00	51.93 4.76 0.00	52.33 4.80 0.00	51.91 4.46 0.00	53.41 4.90 0.00	61.37 5.58 0.00	57.91 5.26 0.00	50.77 4.41 0.00	49.20 3.77 0.00	46.31 3.43 0.00	41.53 2.68 0.00	39.70 2.70 0.00
N SALMON___HYD 24042	40.51 0.99 0.00	37.42 0.95 0.00	34.77 0.85 0.00	35.40 0.93 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.73 0.91 0.00	36.97 1.04 0.00	39.21 1.29 0.00	44.45 1.42 0.00	48.27 0.81 0.00	48.11 0.76 0.00	47.25 0.88 0.00	47.92 0.75 0.00	48.20 0.67 0.00	48.20 0.76 0.00	49.34 0.82 0.00	56.35 0.56 0.00	53.60 0.95 0.00	47.06 0.70 0.00	46.15 0.72 0.00	43.99 1.11 0.00	40.10 1.24 0.00	38.22 1.22 0.00
N.AKRON___115KV_KNAPP 355671	37.98 -1.54 0.00	35.49 -0.98 0.00	33.04 -0.88 0.00	33.71 -0.76 0.00	33.09 -0.47 0.00	33.41 -0.41 0.00	33.20 -0.61 0.00	35.18 -0.75 0.00	36.10 -1.82 0.00	41.96 -1.08 0.00	44.85 -2.61 0.00	44.04 -3.31 0.00	43.26 -3.11 0.00	43.96 -3.21 0.00	44.11 -3.42 0.00	44.32 -3.13 0.00	45.17 -3.35 0.00	52.27 -3.51 0.00	49.39 -3.26 0.00	43.58 -2.78 0.00	42.57 -2.86 0.00	39.71 -3.17 0.00	36.72 -2.14 0.00	35.74 -1.26 0.00
N.BELMOR_69_KV_BK1 55787	46.55 2.88 -4.14	38.80 2.33 0.00	36.03 2.10 0.00	36.33 1.86 0.00	35.41 1.85 0.00	35.91 2.00 -0.10	35.84 2.03 0.00	39.70 2.26 -1.51	42.99 2.54 -2.53	51.27 3.23 -5.01	52.63 3.84 -1.33	53.55 4.02 -2.18	54.14 3.94 -3.83	54.59 4.01 -3.41	54.36 4.14 -2.70	54.59 4.13 -3.01	57.47 4.27 -4.69	65.83 5.08 -4.96	57.02 4.37 0.00	54.02 4.03 -3.63	53.38 4.04 -3.91	52.59 3.47 -6.24	51.09 2.91 -9.32	46.56 2.55 -7.01
N.E_GEN_SANDY PD 24062	41.14 1.62 0.00	39.17 1.50 -1.20	35.18 1.26 0.00	35.78 1.31 0.00	35.45 1.24 -0.64	36.41 1.28 -1.31	41.30 1.32 -6.17	40.80 1.37 -3.50	44.80 1.56 -5.33	51.37 1.89 -6.44	52.46 2.47 -2.53	54.61 2.56 -4.70	59.43 2.46 -10.60	60.00 2.50 -10.33	57.80 2.56 -7.70	56.50 2.56 -6.49	57.00 2.62 -5.87	62.00 3.07 -3.15	58.20 2.84 -2.71	48.91 2.55 0.00	49.35 2.63 -1.29	48.77 2.19 -3.71	41.60 1.75 -1.00	45.36 1.55 -6.81
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.30 1.78 0.00	37.78 1.31 0.00	35.08 1.15 0.00	35.50 1.03 0.00	34.50 0.94 0.00	34.83 1.01 0.00	34.89 1.08 0.00	37.15 1.22 0.00	39.32 1.40 0.00	44.93 1.89 0.00	49.79 2.33 0.00	49.86 2.51 0.00	48.83 2.46 0.00	49.67 2.50 0.00	50.15 2.61 0.00	50.06 2.61 0.00	51.18 2.67 0.00	58.97 3.18 0.00	55.49 2.84 0.00	48.86 2.50 0.00	48.02 2.59 0.00	44.94 2.06 0.00	40.49 1.63 0.00	38.41 1.41 0.00
N.QUEENS_27_KV_LOAD 356247	42.09 2.57 0.00	38.48 2.01 0.00	35.76 1.83 0.00	36.16 1.69 0.00	35.14 1.58 0.00	35.34 1.52 0.00	35.17 1.35 0.00	37.26 1.33 0.00	39.59 1.67 0.00	45.23 2.19 0.00	50.26 2.80 0.00	50.29 2.94 0.00	49.29 2.92 0.00	50.14 2.97 0.00	50.72 3.18 0.00	50.53 3.08 0.00	51.67 3.15 0.00	59.58 3.79 0.00	55.97 3.32 0.00	49.47 3.11 0.00	48.61 3.18 0.00	45.54 2.66 0.00	41.38 2.53 0.00	39.29 2.29 0.00
N.TROY___115KV_TB1 355778	40.90 1.38 0.00	37.78 1.31 0.00	35.04 1.12 0.00	35.64 1.17 0.00	34.67 1.11 0.00	34.94 1.12 0.00	34.96 1.15 0.00	37.12 1.19 0.00	39.25 1.33 0.00	44.88 1.85 0.00	49.69 2.23 0.00	49.62 2.27 0.00	48.55 2.18 0.00	49.39 2.22 0.00	49.77 2.23 0.00	49.68 2.23 0.00	50.80 2.28 0.00	58.52 2.73 0.00	55.07 2.42 0.00	48.49 2.13 0.00	47.56 2.14 0.00	44.64 1.76 0.00	40.25 1.40 0.00	38.26 1.26 0.00
NARROWS_GT1_1 24228	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT1_2 24229	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT1_3 24230	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT1_4 24231	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT1_5 24232	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT1_6 24233	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT1_7 24234	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00

NARROWS_GT1_8 24235	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_1 24236	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_2 24237	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_3 24238	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_4 24239	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_5 24240	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_6 24241	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_7 24242	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NARROWS_GT2_8 24243	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.98 3.04 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.26 1.74 0.00	38.15 1.68 0.00	35.45 1.53 0.00	36.02 1.55 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.17 1.35 0.00	37.22 1.29 0.00	39.28 1.37 0.00	44.84 1.81 0.00	49.79 2.33 0.00	49.72 2.37 0.00	48.64 2.27 0.00	49.48 2.31 0.00	49.86 2.33 0.00	49.82 2.37 0.00	50.99 2.47 0.00	58.75 2.96 0.00	55.33 2.69 0.00	48.54 2.18 0.00	47.56 2.14 0.00	44.64 1.76 0.00	40.18 1.32 0.00	38.22 1.22 0.00
NCHELSEA_115KV_TR2 355582	41.77 2.25 0.00	38.33 1.86 0.00	35.59 1.66 0.00	36.06 1.59 0.00	35.04 1.48 0.00	35.34 1.52 0.00	35.30 1.49 0.00	37.51 1.58 0.00	39.74 1.82 0.00	45.36 2.32 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.67 3.14 0.00	50.63 3.18 0.00	51.72 3.20 0.00	59.58 3.79 0.00	56.12 3.47 0.00	49.37 3.01 0.00	48.43 3.00 0.00	45.37 2.49 0.00	40.88 2.02 0.00	38.78 1.78 0.00
NEG CAPITAL___MECHNVIL 23645	41.42 1.90 0.00	38.18 1.71 0.00	35.41 1.49 0.00	36.02 1.55 0.00	35.01 1.44 0.00	35.27 1.45 0.00	35.30 1.49 0.00	37.51 1.58 0.00	39.70 1.78 0.00	45.36 2.32 0.00	50.45 2.99 0.00	50.38 3.03 0.00	49.25 2.88 0.00	50.05 2.88 0.00	50.43 2.90 0.00	50.29 2.85 0.00	51.48 2.96 0.00	59.31 3.52 0.00	55.81 3.16 0.00	49.05 2.69 0.00	48.20 2.77 0.00	45.15 2.27 0.00	40.60 1.75 0.00	38.59 1.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.58 -1.94 0.00	34.90 -1.57 0.00	32.67 -1.25 0.00	33.26 -1.21 0.00	32.36 -1.21 0.00	32.63 -1.18 0.00	32.56 -1.25 0.00	34.71 -1.22 0.00	36.06 -1.86 0.00	40.63 -2.41 0.00	45.28 -2.18 0.00	44.89 -2.46 0.00	43.96 -2.41 0.00	44.72 -2.45 0.00	45.06 -2.47 0.00	44.98 -2.47 0.00	45.90 -2.62 0.00	52.72 -3.07 0.00	50.02 -2.63 0.00	44.14 -2.22 0.00	42.84 -2.59 0.00	40.60 -2.27 0.00	36.79 -2.06 0.00	35.37 -1.63 0.00
NEG CENTRAL___DRP 24199	39.08 -0.43 0.00	36.32 -0.15 0.00	33.79 -0.14 0.00	34.37 -0.10 0.00	33.53 -0.03 0.00	33.82 0.00 0.00	33.85 0.03 0.00	35.97 0.04 0.00	37.69 -0.23 0.00	43.08 0.04 0.00	47.27 -0.19 0.00	46.97 -0.38 0.00	45.95 -0.42 0.00	46.75 -0.42 0.00	47.06 -0.48 0.00	47.02 -0.43 0.00	48.13 -0.39 0.00	55.45 -0.33 0.00	52.39 -0.26 0.00	46.04 -0.32 0.00	44.93 -0.50 0.00	42.15 -0.73 0.00	38.39 -0.47 0.00	36.78 -0.22 0.00
NEG CENTRAL___INDECK 23768	39.87 0.35 0.00	37.16 0.69 0.00	34.84 0.92 0.00	35.54 1.07 0.00	34.54 0.97 0.00	34.83 1.01 0.00	34.79 0.98 0.00	37.11 1.18 0.00	38.30 0.38 0.00	42.86 -0.17 0.00	47.75 0.29 0.00	47.11 -0.24 0.00	46.18 -0.18 0.00	46.89 -0.28 0.00	47.20 -0.33 0.00	47.31 -0.14 0.00	48.52 0.00 0.00	55.84 0.06 0.00	53.18 0.53 0.00	46.82 0.46 0.00	45.29 -0.14 0.00	43.01 0.13 0.00	38.93 0.08 0.00	37.56 0.56 0.00

NEG CENTRAL___SENECA 23627	39.28 -0.24 0.00	36.62 0.15 0.00	34.09 0.17 0.00	34.68 0.21 0.00	33.83 0.27 0.00	34.16 0.34 0.00	34.18 0.37 0.00	36.33 0.40 0.00	37.92 0.00 0.00	43.34 0.30 0.00	47.46 0.00 0.00	47.07 -0.28 0.00	46.05 -0.32 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	47.12 -0.33 0.00	48.18 -0.34 0.00	55.57 -0.22 0.00	52.60 -0.05 0.00	46.18 -0.19 0.00	44.97 -0.45 0.00	42.19 -0.69 0.00	38.54 -0.31 0.00	37.00 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	39.16 -0.36 0.00	36.29 -0.18 0.00	33.72 -0.20 0.00	34.30 -0.17 0.00	33.46 -0.10 0.00	33.75 -0.07 0.00	33.74 -0.07 0.00	35.89 -0.04 0.00	37.77 -0.15 0.00	43.21 0.17 0.00	47.60 0.14 0.00	47.35 0.00 0.00	46.32 -0.05 0.00	47.12 -0.05 0.00	47.44 -0.10 0.00	47.35 -0.09 0.00	48.47 -0.05 0.00	55.79 0.00 0.00	52.70 0.05 0.00	46.36 0.00 0.00	45.20 -0.23 0.00	42.45 -0.43 0.00	38.51 -0.35 0.00	36.78 -0.22 0.00
NEG MILLWOOD___DRP 24198	42.05 2.53 0.00	38.55 2.08 0.00	35.79 1.87 0.00	36.26 1.79 0.00	35.11 1.54 0.00	35.44 1.62 0.00	35.47 1.66 0.00	37.69 1.76 0.00	40.04 2.12 0.00	45.79 2.75 0.00	50.88 3.42 0.00	50.95 3.60 0.00	49.85 3.48 0.00	50.66 3.49 0.00	51.14 3.61 0.00	51.05 3.61 0.00	52.11 3.59 0.00	60.03 4.24 0.00	56.55 3.90 0.00	49.79 3.43 0.00	48.93 3.50 0.00	45.79 2.92 0.00	41.19 2.33 0.00	39.04 2.04 0.00
NEG NORTH_FLCN_SEA 23793	40.74 1.23 0.00	37.64 1.17 0.00	34.94 1.02 0.00	35.57 1.10 0.00	34.67 1.11 0.00	34.97 1.15 0.00	34.89 1.08 0.00	37.15 1.22 0.00	39.40 1.48 0.00	44.24 1.20 0.00	47.98 0.52 0.00	47.82 0.47 0.00	47.02 0.65 0.00	47.69 0.52 0.00	48.01 0.48 0.00	47.97 0.52 0.00	49.10 0.58 0.00	56.01 0.22 0.00	53.33 0.68 0.00	47.52 1.16 0.00	46.93 1.50 0.00	44.46 1.59 0.00	40.41 1.55 0.00	38.52 1.52 0.00
NEG NORTH_KES_CHATEGAY 23792	40.59 1.07 0.00	37.45 0.98 0.00	34.77 0.85 0.00	35.40 0.93 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.73 0.91 0.00	36.97 1.04 0.00	39.17 1.25 0.00	43.98 0.95 0.00	48.08 0.62 0.00	47.92 0.57 0.00	47.07 0.70 0.00	47.78 0.61 0.00	48.06 0.52 0.00	48.06 0.62 0.00	49.20 0.68 0.00	56.18 0.39 0.00	53.44 0.79 0.00	47.33 0.97 0.00	46.65 1.23 0.00	44.21 1.33 0.00	40.18 1.32 0.00	38.30 1.30 0.00
NEG NORTH___ALICE_FALLS 23915	40.94 1.42 0.00	37.82 1.35 0.00	35.08 1.15 0.00	35.71 1.24 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.06 1.25 0.00	37.37 1.44 0.00	39.63 1.71 0.00	44.50 1.46 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.53 1.16 0.00	48.16 0.99 0.00	48.44 0.90 0.00	48.44 1.00 0.00	49.58 1.07 0.00	56.57 0.78 0.00	53.91 1.26 0.00	47.89 1.53 0.00	47.25 1.82 0.00	44.68 1.80 0.00	40.56 1.71 0.00	38.70 1.70 0.00
NEG NORTH___LWR_SARANAC 23913	40.94 1.42 0.00	37.82 1.35 0.00	35.08 1.15 0.00	35.71 1.24 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.06 1.25 0.00	37.37 1.44 0.00	39.63 1.71 0.00	44.50 1.46 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.53 1.16 0.00	48.16 0.99 0.00	48.44 0.90 0.00	48.44 1.00 0.00	49.58 1.07 0.00	56.57 0.78 0.00	53.91 1.26 0.00	47.89 1.53 0.00	47.25 1.82 0.00	44.68 1.80 0.00	40.56 1.71 0.00	38.70 1.70 0.00
NEG NORTH___PLATTSBURG 23628	40.94 1.42 0.00	37.82 1.35 0.00	35.08 1.15 0.00	35.71 1.24 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.06 1.25 0.00	37.37 1.44 0.00	39.63 1.71 0.00	44.88 1.85 0.00	48.46 1.00 0.00	48.30 0.95 0.00	47.53 1.16 0.00	48.16 0.99 0.00	48.43 0.90 0.00	48.45 1.00 0.00	49.58 1.07 0.00	56.68 0.89 0.00	53.91 1.26 0.00	47.29 0.93 0.00	46.43 1.00 0.00	44.55 1.67 0.00	40.56 1.71 0.00	38.70 1.70 0.00
NEG WEST_LEA_LOCKPORT 23791	37.35 -2.17 0.00	34.90 -1.57 0.00	32.50 -1.42 0.00	33.20 -1.28 0.00	32.59 -0.97 0.00	32.87 -0.95 0.00	32.70 -1.12 0.00	34.60 -1.33 0.00	35.38 -2.54 0.00	41.14 -1.89 0.00	43.85 -3.61 0.00	42.95 -4.40 0.00	42.29 -4.08 0.00	42.88 -4.29 0.00	42.97 -4.56 0.00	43.23 -4.22 0.00	44.00 -4.51 0.00	50.93 -4.85 0.00	48.07 -4.58 0.00	42.51 -3.85 0.00	41.52 -3.91 0.00	38.72 -4.16 0.00	35.98 -2.88 0.00	35.11 -1.89 0.00
NEG WEST___LANCASTER 23811	38.93 -0.59 0.00	36.32 -0.15 0.00	33.86 -0.07 0.00	34.54 0.07 0.00	33.90 0.34 0.00	34.16 0.34 0.00	34.15 0.34 0.00	36.18 0.25 0.00	37.20 -0.72 0.00	42.86 -0.17 0.00	46.04 -1.42 0.00	45.22 -2.13 0.00	44.42 -1.95 0.00	45.10 -2.08 0.00	45.25 -2.28 0.00	45.41 -2.04 0.00	46.28 -2.23 0.00	53.61 -2.18 0.00	50.60 -2.05 0.00	44.60 -1.76 0.00	43.52 -1.91 0.00	40.73 -2.14 0.00	37.73 -1.13 0.00	36.74 -0.26 0.00
NEG_PENN_ALLEGHNY 23528	39.64 0.12 0.00	36.69 0.22 0.00	34.19 0.27 0.00	34.78 0.31 0.00	33.86 0.30 0.00	34.12 0.30 0.00	34.15 0.34 0.00	36.33 0.40 0.00	38.07 0.15 0.00	43.03 0.00 0.00	47.84 0.38 0.00	47.54 0.19 0.00	46.60 0.23 0.00	47.41 0.24 0.00	47.77 0.24 0.00	47.64 0.19 0.00	48.71 0.19 0.00	56.01 0.22 0.00	52.97 0.32 0.00	46.64 0.28 0.00	45.52 0.09 0.00	42.96 0.09 0.00	38.85 0.00 0.00	37.19 0.19 0.00
NEG___GEN_MONROE 24207	38.14 -1.38 0.00	35.45 -1.02 0.00	33.01 -0.92 0.00	33.64 -0.83 0.00	32.99 -0.57 0.00	33.24 -0.57 0.00	33.17 -0.64 0.00	35.14 -0.79 0.00	36.48 -1.44 0.00	42.22 -0.82 0.00	45.66 -1.80 0.00	45.12 -2.23 0.00	44.19 -2.18 0.00	44.86 -2.31 0.00	45.06 -2.47 0.00	45.08 -2.37 0.00	46.04 -2.47 0.00	53.22 -2.57 0.00	50.23 -2.42 0.00	44.37 -1.99 0.00	43.34 -2.09 0.00	40.56 -2.32 0.00	37.22 -1.63 0.00	35.93 -1.07 0.00
NEPA___ENERGY 23901	38.41 -1.11 0.00	35.85 -0.62 0.00	33.41 -0.51 0.00	34.09 -0.38 0.00	33.43 -0.13 0.00	33.68 -0.14 0.00	33.71 -0.10 0.00	35.75 -0.18 0.00	36.78 -1.14 0.00	42.39 -0.65 0.00	45.56 -1.90 0.00	44.75 -2.60 0.00	43.96 -2.41 0.00	44.62 -2.55 0.00	44.78 -2.76 0.00	44.89 -2.56 0.00	45.75 -2.77 0.00	53.00 -2.79 0.00	49.96 -2.69 0.00	44.09 -2.27 0.00	43.02 -2.41 0.00	40.26 -2.62 0.00	37.26 -1.59 0.00	36.22 -0.78 0.00
NEVERSINK___HYD 23608	41.65 2.13 0.00	38.22 1.75 0.00	35.48 1.56 0.00	35.92 1.45 0.00	34.94 1.38 0.00	35.24 1.42 0.00	35.17 1.35 0.00	37.26 1.33 0.00	39.44 1.52 0.00	44.80 1.77 0.00	49.83 2.37 0.00	49.86 2.51 0.00	48.83 2.46 0.00	49.67 2.50 0.00	50.14 2.61 0.00	50.20 2.75 0.00	51.38 2.86 0.00	59.19 3.40 0.00	55.86 3.21 0.00	49.10 2.73 0.00	48.25 2.82 0.00	45.15 2.27 0.00	40.56 1.71 0.00	38.52 1.52 0.00
NEWKRMKL_115KV_TB1 55635	40.19 0.67 0.00	37.05 0.58 0.00	34.47 0.54 0.00	35.02 0.55 0.00	34.03 0.47 0.00	34.29 0.47 0.00	34.39 0.57 0.00	36.47 0.54 0.00	38.53 0.61 0.00	44.02 0.99 0.00	48.79 1.33 0.00	48.72 1.37 0.00	47.71 1.34 0.00	48.54 1.37 0.00	48.91 1.38 0.00	48.82 1.38 0.00	49.87 1.36 0.00	57.46 1.67 0.00	54.07 1.42 0.00	47.57 1.21 0.00	46.70 1.27 0.00	43.86 0.99 0.00	39.52 0.66 0.00	37.56 0.56 0.00

NEWTON___FALLS_HYD 23847	38.77 -0.75 0.00	35.81 -0.66 0.00	33.38 -0.54 0.00	33.92 -0.55 0.00	33.06 -0.50 0.00	33.38 -0.44 0.00	33.24 -0.57 0.00	35.28 -0.65 0.00	37.39 -0.53 0.00	42.39 -0.65 0.00	46.84 -0.62 0.00	46.69 -0.66 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.87 -0.67 0.00	46.74 -0.71 0.00	47.89 -0.63 0.00	55.01 -0.78 0.00	52.02 -0.63 0.00	45.76 -0.60 0.00	44.75 -0.68 0.00	42.32 -0.56 0.00	38.23 -0.62 0.00	36.33 -0.67 0.00
NGRID_A1_DSASP 323792	36.40 -3.12 0.00	34.03 -2.44 0.00	32.06 -1.87 0.00	32.78 -1.69 0.00	31.92 -1.64 0.00	32.10 -1.72 0.00	31.95 -1.86 0.00	34.02 -1.91 0.00	34.51 -3.41 0.00	38.22 -4.82 0.00	42.76 -4.70 0.00	41.81 -5.54 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	42.11 -5.42 0.00	42.04 -5.41 0.00	42.74 -5.77 0.00	49.15 -6.64 0.00	46.75 -5.90 0.00	41.45 -4.92 0.00	39.98 -5.45 0.00	38.33 -4.55 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
NGRID_A2_DSASP 323793	36.40 -3.12 0.00	34.03 -2.44 0.00	32.06 -1.87 0.00	32.78 -1.69 0.00	31.92 -1.64 0.00	32.10 -1.72 0.00	31.95 -1.86 0.00	34.02 -1.91 0.00	34.51 -3.41 0.00	38.22 -4.82 0.00	42.76 -4.70 0.00	41.81 -5.54 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	42.11 -5.42 0.00	42.04 -5.41 0.00	42.74 -5.77 0.00	49.15 -6.64 0.00	46.75 -5.90 0.00	41.45 -4.92 0.00	39.98 -5.45 0.00	38.33 -4.55 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
NGRID_A4_DSASP 323807	36.40 -3.12 0.00	34.03 -2.44 0.00	32.06 -1.87 0.00	32.78 -1.69 0.00	31.92 -1.64 0.00	32.10 -1.72 0.00	31.95 -1.86 0.00	34.02 -1.91 0.00	34.51 -3.41 0.00	38.22 -4.82 0.00	42.76 -4.70 0.00	41.81 -5.54 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	42.11 -5.42 0.00	42.04 -5.41 0.00	42.74 -5.77 0.00	49.15 -6.64 0.00	46.75 -5.90 0.00	41.45 -4.92 0.00	39.98 -5.45 0.00	38.33 -4.55 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
NIAGARA_115E_LBMP 323715	36.71 -2.80 0.00	34.32 -2.15 0.00	32.33 -1.59 0.00	33.06 -1.41 0.00	31.95 -1.61 0.00	32.37 -1.45 0.00	32.09 -1.72 0.00	34.21 -1.72 0.00	34.70 -3.22 0.00	38.43 -4.60 0.00	43.00 -4.46 0.00	42.05 -5.30 0.00	41.41 -4.96 0.00	41.98 -5.19 0.00	42.35 -5.18 0.00	42.32 -5.13 0.00	42.98 -5.53 0.00	49.48 -6.30 0.00	47.02 -5.63 0.00	41.73 -4.64 0.00	40.25 -5.18 0.00	38.55 -4.33 0.00	35.28 -3.57 0.00	34.45 -2.55 0.00
NIAGARA_115W_LBMP 323714	36.32 -3.20 0.00	33.92 -2.55 0.00	31.99 -1.93 0.00	32.71 -1.76 0.00	31.85 -1.71 0.00	31.99 -1.83 0.00	31.85 -1.96 0.00	33.95 -1.98 0.00	34.43 -3.49 0.00	38.13 -4.91 0.00	42.62 -4.84 0.00	41.67 -5.68 0.00	41.08 -5.29 0.00	41.60 -5.57 0.00	42.02 -5.51 0.00	41.94 -5.50 0.00	42.60 -5.92 0.00	48.98 -6.81 0.00	46.60 -6.05 0.00	41.35 -5.01 0.00	39.88 -5.54 0.00	38.25 -4.63 0.00	35.01 -3.85 0.00	34.19 -2.81 0.00
NIAGARA_230_LBMP 323716	36.91 -2.61 0.00	34.46 -2.01 0.00	32.47 -1.46 0.00	33.20 -1.27 0.00	32.19 -1.38 0.00	32.50 -1.32 0.00	32.36 -1.45 0.00	34.46 -1.47 0.00	35.00 -2.92 0.00	38.77 -4.26 0.00	43.33 -4.13 0.00	42.42 -4.93 0.00	41.83 -4.54 0.00	42.36 -4.81 0.00	42.78 -4.75 0.00	42.70 -4.74 0.00	43.37 -5.14 0.00	49.87 -5.91 0.00	47.44 -5.21 0.00	42.05 -4.31 0.00	40.61 -4.82 0.00	38.89 -3.99 0.00	35.59 -3.26 0.00	34.74 -2.26 0.00
NIAGARA___115KV_198_GIBSON 55903	36.32 -3.20 0.00	33.92 -2.55 0.00	31.62 -2.31 0.00	32.26 -2.21 0.00	31.72 -1.85 0.00	31.99 -1.83 0.00	31.85 -1.96 0.00	33.70 -2.23 0.00	34.39 -3.53 0.00	40.02 -3.01 0.00	42.57 -4.89 0.00	41.67 -5.68 0.00	41.08 -5.29 0.00	41.60 -5.57 0.00	41.73 -5.80 0.00	41.94 -5.50 0.00	42.65 -5.87 0.00	49.37 -6.42 0.00	46.59 -6.05 0.00	41.21 -5.15 0.00	40.29 -5.13 0.00	37.60 -5.27 0.00	35.01 -3.85 0.00	34.19 -2.81 0.00
NIAGARA____ 23760	36.91 -2.61 0.00	34.46 -2.01 0.00	32.47 -1.46 0.00	33.20 -1.27 0.00	32.19 -1.38 0.00	32.50 -1.32 0.00	32.36 -1.45 0.00	34.46 -1.47 0.00	35.00 -2.92 0.00	38.77 -4.26 0.00	43.33 -4.13 0.00	42.42 -4.93 0.00	41.83 -4.54 0.00	42.36 -4.81 0.00	42.78 -4.75 0.00	42.70 -4.74 0.00	43.37 -5.14 0.00	49.87 -5.91 0.00	47.44 -5.21 0.00	42.05 -4.31 0.00	40.61 -4.82 0.00	38.89 -3.99 0.00	35.59 -3.26 0.00	34.74 -2.26 0.00
NINE_MILE_1 23575	37.94 -1.58 0.00	35.08 -1.39 0.00	32.67 -1.25 0.00	33.20 -1.27 0.00	32.32 -1.24 0.00	32.57 -1.25 0.00	32.56 -1.25 0.00	34.64 -1.29 0.00	36.44 -1.48 0.00	41.31 -1.72 0.00	45.75 -1.71 0.00	45.60 -1.75 0.00	44.65 -1.71 0.00	45.43 -1.74 0.00	45.77 -1.76 0.00	45.69 -1.75 0.00	46.67 -1.84 0.00	53.67 -2.12 0.00	50.70 -1.95 0.00	44.65 -1.71 0.00	43.66 -1.77 0.00	41.21 -1.67 0.00	37.30 -1.56 0.00	35.56 -1.44 0.00
NINE_MILE_2 23744	37.94 -1.58 0.00	35.08 -1.39 0.00	32.67 -1.25 0.00	33.20 -1.27 0.00	32.32 -1.24 0.00	32.57 -1.25 0.00	32.56 -1.25 0.00	34.64 -1.29 0.00	36.44 -1.48 0.00	41.31 -1.72 0.00	45.75 -1.71 0.00	45.60 -1.75 0.00	44.65 -1.71 0.00	45.43 -1.74 0.00	45.77 -1.76 0.00	45.69 -1.75 0.00	46.67 -1.84 0.00	53.67 -2.12 0.00	50.70 -1.95 0.00	44.65 -1.71 0.00	43.66 -1.77 0.00	41.21 -1.67 0.00	37.30 -1.56 0.00	35.56 -1.44 0.00
NM_CAPITAL___DRP 24208	40.35 0.83 0.00	37.20 0.73 0.00	34.57 0.64 0.00	35.13 0.65 0.00	34.17 0.60 0.00	34.43 0.61 0.00	34.49 0.68 0.00	36.58 0.65 0.00	38.68 0.76 0.00	44.15 1.12 0.00	48.93 1.47 0.00	48.87 1.52 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.05 1.52 0.00	48.97 1.52 0.00	50.02 1.50 0.00	57.63 1.84 0.00	54.23 1.58 0.00	47.75 1.39 0.00	46.84 1.41 0.00	43.99 1.11 0.00	39.67 0.82 0.00	37.70 0.70 0.00
NM_CENTRAL___DRP 24181	38.65 -0.87 0.00	35.74 -0.73 0.00	33.25 -0.68 0.00	33.78 -0.69 0.00	32.93 -0.64 0.00	33.18 -0.64 0.00	33.17 -0.64 0.00	35.28 -0.65 0.00	37.12 -0.80 0.00	42.47 -0.56 0.00	46.80 -0.66 0.00	46.59 -0.76 0.00	45.63 -0.74 0.00	46.42 -0.75 0.00	46.72 -0.81 0.00	46.64 -0.81 0.00	47.69 -0.82 0.00	54.84 -0.95 0.00	51.75 -0.90 0.00	45.57 -0.79 0.00	44.52 -0.91 0.00	41.89 -0.99 0.00	37.96 -0.89 0.00	36.22 -0.78 0.00
NM_FRONTIER___DRP 24179	36.32 -3.20 0.00	33.92 -2.55 0.00	31.62 -2.31 0.00	32.26 -2.21 0.00	31.72 -1.85 0.00	31.99 -1.83 0.00	31.85 -1.96 0.00	33.70 -2.23 0.00	34.39 -3.53 0.00	40.02 -3.01 0.00	42.57 -4.89 0.00	41.67 -5.68 0.00	41.08 -5.29 0.00	41.60 -5.57 0.00	41.73 -5.80 0.00	41.94 -5.50 0.00	42.65 -5.87 0.00	49.37 -6.42 0.00	46.59 -6.05 0.00	41.21 -5.15 0.00	40.29 -5.13 0.00	37.60 -5.27 0.00	35.01 -3.85 0.00	34.19 -2.81 0.00
NM_ST_REGIS___HYD 24053	39.16 -0.36 0.00	36.18 -0.29 0.00	33.75 -0.17 0.00	34.33 -0.14 0.00	33.46 -0.10 0.00	33.75 -0.07 0.00	33.68 -0.14 0.00	35.68 -0.25 0.00	37.84 -0.08 0.00	42.47 -0.56 0.00	46.80 -0.66 0.00	46.69 -0.66 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.82 -0.71 0.00	46.74 -0.71 0.00	47.84 -0.68 0.00	54.78 -1.00 0.00	52.07 -0.58 0.00	45.85 -0.51 0.00	44.97 -0.45 0.00	42.71 -0.17 0.00	38.74 -0.12 0.00	36.85 -0.15 0.00

NORTHPORT___1 23551	46.43 2.77 -4.14	38.73 2.26 0.00	35.99 2.07 0.00	36.23 1.76 0.00	35.34 1.78 0.00	35.88 1.96 -0.10	35.81 1.99 0.00	39.63 2.19 -1.51	42.91 2.46 -2.53	50.93 2.88 -5.01	52.50 3.70 -1.33	53.32 3.79 -2.18	53.96 3.75 -3.83	54.40 3.82 -3.41	54.13 3.90 -2.70	54.45 3.99 -3.02	57.23 4.02 -4.69	65.27 4.52 -4.96	56.60 3.95 0.00	53.89 3.89 -3.63	53.52 4.18 -3.91	52.59 3.47 -6.24	50.98 2.80 -9.33	46.45 2.44 -7.01
NORTHPORT___2 23552	46.43 2.77 -4.14	38.73 2.26 0.00	35.99 2.07 0.00	36.23 1.76 0.00	35.34 1.78 0.00	35.88 1.96 -0.10	35.81 1.99 0.00	39.63 2.19 -1.51	42.91 2.46 -2.53	50.93 2.88 -5.01	52.50 3.70 -1.33	53.32 3.79 -2.18	53.96 3.75 -3.83	54.40 3.82 -3.41	54.13 3.90 -2.70	54.45 3.99 -3.02	57.23 4.02 -4.69	65.27 4.52 -4.96	56.60 3.95 0.00	53.89 3.89 -3.63	53.52 4.18 -3.91	52.59 3.47 -6.24	50.98 2.80 -9.33	46.45 2.44 -7.01
NORTHPORT___3 23553	46.75 3.08 -4.14	38.95 2.48 0.00	36.20 2.27 0.00	36.47 2.00 0.00	35.54 1.98 0.00	36.08 2.17 -0.10	36.01 2.20 0.00	39.85 2.41 -1.51	43.18 2.73 -2.53	51.31 3.27 -5.01	52.88 4.08 -1.33	53.70 4.17 -2.18	54.19 3.99 -3.83	54.64 4.06 -3.41	54.36 4.13 -2.70	54.64 4.18 -3.02	57.13 3.93 -4.69	65.38 4.63 -4.96	56.70 4.05 0.00	54.12 4.12 -3.63	53.70 4.36 -3.91	52.85 3.73 -6.24	51.25 3.07 -9.33	46.71 2.70 -7.01
NORTHPORT___4 23650	46.75 3.08 -4.14	38.95 2.48 0.00	36.20 2.27 0.00	36.47 2.00 0.00	35.54 1.98 0.00	36.08 2.17 -0.10	36.01 2.20 0.00	39.85 2.41 -1.51	43.18 2.73 -2.53	51.31 3.27 -5.01	52.88 4.08 -1.33	53.70 4.17 -2.18	54.19 3.99 -3.83	54.64 4.06 -3.41	54.36 4.13 -2.70	54.64 4.18 -3.02	57.13 3.93 -4.69	65.38 4.63 -4.96	56.70 4.05 0.00	54.12 4.12 -3.63	53.70 4.36 -3.91	52.85 3.73 -6.24	51.25 3.07 -9.33	46.71 2.70 -7.01
NORTHPORT___IC 23718	46.43 2.77 -4.14	38.73 2.26 0.00	35.99 2.07 0.00	36.23 1.76 0.00	35.34 1.78 0.00	35.88 1.96 -0.10	35.81 1.99 0.00	39.63 2.19 -1.51	42.91 2.46 -2.53	50.93 2.88 -5.01	52.50 3.70 -1.33	53.32 3.79 -2.18	53.96 3.75 -3.83	54.40 3.82 -3.41	54.13 3.90 -2.70	54.45 3.99 -3.02	57.23 4.02 -4.69	65.27 4.52 -4.96	56.60 3.95 0.00	53.89 3.89 -3.63	53.52 4.18 -3.91	52.59 3.47 -6.24	50.98 2.80 -9.33	46.45 2.44 -7.01
NORTH___COUNTRY_ESR 323785	40.39 0.87 0.00	37.27 0.80 0.00	34.64 0.71 0.00	35.26 0.79 0.00	34.37 0.80 0.00	34.67 0.85 0.00	34.59 0.78 0.00	36.83 0.90 0.00	39.02 1.10 0.00	44.24 1.20 0.00	47.84 0.38 0.00	47.73 0.38 0.00	46.88 0.51 0.00	47.55 0.38 0.00	47.87 0.34 0.00	47.83 0.38 0.00	48.95 0.44 0.00	56.01 0.22 0.00	53.18 0.53 0.00	46.69 0.33 0.00	45.84 0.41 0.00	43.87 0.99 0.00	39.98 1.13 0.00	38.11 1.11 0.00
NPX_GEN_1385_PROXY 323591	46.27 2.61 -4.14	38.98 2.51 0.00	36.37 2.44 0.00	36.50 2.03 0.00	35.58 2.01 0.00	36.15 2.23 -0.10	36.25 2.44 0.00	39.99 2.55 -1.51	45.03 2.69 -4.42	50.81 2.67 -5.11	50.13 3.32 0.65	53.13 3.60 -2.18	54.10 3.90 -3.83	54.40 3.82 -3.41	54.13 3.90 -2.70	54.64 4.18 -3.02	57.72 4.51 -4.69	65.27 4.52 -4.96	56.70 4.05 0.00	53.98 3.99 -3.63	53.61 4.27 -3.91	52.55 3.43 -6.24	50.82 2.64 -9.33	46.56 2.55 -7.01
NPX_GEN_CSC 323557	47.30 3.63 -4.14	39.42 2.95 0.00	36.64 2.71 0.00	36.85 2.38 0.00	35.98 2.42 0.00	36.56 2.64 -0.10	36.45 2.64 0.00	40.35 2.91 -1.51	45.52 3.19 -4.42	51.80 3.66 -5.11	51.79 4.98 0.65	54.50 4.97 -2.18	55.07 4.87 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.68 5.22 -3.02	58.73 5.53 -4.69	66.84 6.08 -4.96	57.86 5.21 0.00	54.49 4.50 -3.63	54.61 5.27 -3.91	53.62 4.50 -6.24	51.83 3.65 -9.33	47.23 3.22 -7.01
NSINS_S_GLNS_FALLS 23858	41.46 1.94 0.00	38.18 1.71 0.00	35.45 1.53 0.00	36.02 1.55 0.00	34.94 1.38 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.33 1.40 0.00	39.59 1.67 0.00	45.53 2.50 0.00	50.55 3.08 0.00	50.48 3.13 0.00	49.29 2.92 0.00	50.10 2.92 0.00	50.43 2.90 0.00	50.25 2.80 0.00	51.43 2.91 0.00	59.30 3.51 0.00	55.76 3.11 0.00	48.96 2.60 0.00	48.06 2.63 0.00	44.89 2.02 0.00	40.33 1.48 0.00	38.33 1.33 0.00
NUCOR_STEEL___DRP 24197	39.20 -0.32 0.00	36.29 -0.18 0.00	33.75 -0.17 0.00	34.33 -0.14 0.00	33.46 -0.10 0.00	33.72 -0.10 0.00	33.71 -0.10 0.00	35.86 -0.07 0.00	37.73 -0.19 0.00	43.16 0.13 0.00	47.51 0.05 0.00	47.30 -0.05 0.00	46.28 -0.09 0.00	47.08 -0.09 0.00	47.39 -0.14 0.00	47.31 -0.14 0.00	48.42 -0.10 0.00	55.73 -0.06 0.00	52.60 -0.05 0.00	46.27 -0.09 0.00	45.16 -0.27 0.00	42.45 -0.43 0.00	38.51 -0.35 0.00	36.78 -0.22 0.00
NUMBER_THREE_WT_PWR 323818	39.60 0.08 0.00	36.58 0.11 0.00	34.03 0.10 0.00	34.57 0.10 0.00	33.70 0.13 0.00	34.02 0.20 0.00	33.88 0.07 0.00	36.07 0.14 0.00	38.19 0.27 0.00	43.59 0.56 0.00	48.32 0.86 0.00	48.06 0.71 0.00	47.07 0.70 0.00	47.92 0.75 0.00	48.29 0.76 0.00	48.11 0.66 0.00	49.34 0.82 0.00	56.74 0.95 0.00	53.54 0.89 0.00	47.06 0.70 0.00	45.93 0.50 0.00	43.26 0.39 0.00	38.97 0.12 0.00	37.07 0.07 0.00
NYISO_LBMP_REFERENCE 24008	39.52 0.00 0.00	36.47 0.00 0.00	33.92 0.00 0.00	34.47 0.00 0.00	33.56 0.00 0.00	33.82 0.00 0.00	33.81 0.00 0.00	35.93 0.00 0.00	37.92 0.00 0.00	43.03 0.00 0.00	47.46 0.00 0.00	47.35 0.00 0.00	46.37 0.00 0.00	47.17 0.00 0.00	47.53 0.00 0.00	47.45 0.00 0.00	48.52 0.00 0.00	55.79 0.00 0.00	52.65 0.00 0.00	46.36 0.00 0.00	45.43 0.00 0.00	42.88 0.00 0.00	38.85 0.00 0.00	37.00 0.00 0.00
NYPA_BRENTWD___GT 24164	47.02 3.36 -4.14	39.21 2.74 0.00	36.43 2.51 0.00	36.68 2.21 0.00	35.78 2.21 0.00	36.35 2.44 -0.10	36.25 2.44 0.00	40.10 2.66 -1.51	43.41 2.96 -2.53	51.53 3.48 -5.01	53.30 4.51 -1.33	54.12 4.59 -2.18	54.75 4.55 -3.83	55.21 4.63 -3.41	54.94 4.71 -2.70	55.31 4.84 -3.02	58.20 5.00 -4.69	66.50 5.75 -4.96	57.65 5.00 0.00	54.67 4.68 -3.63	54.25 4.91 -3.91	53.28 4.16 -6.24	51.56 3.38 -9.33	47.01 3.00 -7.01
NYPA_GOWANUS___GT5 24156	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.93 3.00 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00
NYPA_GOWANUS___GT6 24157	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.51 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.37 1.44 0.00	39.78 1.86 0.00	45.31 2.28 0.00	50.60 3.08 -0.06	50.61 3.26 0.00	49.61 3.24 0.00	50.54 3.35 -0.02	50.91 3.33 -0.06	50.82 3.37 0.00	52.07 3.50 -0.06	59.94 4.13 -0.02	56.33 3.68 0.00	49.90 3.48 -0.06	49.25 3.77 -0.06	45.93 3.00 -0.06	41.43 2.52 -0.06	39.18 2.18 0.00

NYPA_HARLEM__RVR__GT1 24160	42.02 2.49 -0.01	38.40 1.93 0.00	35.73 1.80 -0.01	36.10 1.62 -0.01	35.08 1.51 -0.01	35.27 1.45 0.00	35.13 1.32 0.00	37.08 1.15 0.00	39.50 1.59 0.01	44.96 1.94 0.01	50.11 2.66 0.01	50.18 2.84 0.01	49.19 2.83 0.01	50.04 2.88 0.01	50.42 2.90 0.01	50.43 2.99 0.01	51.57 3.06 0.01	59.40 3.62 0.01	55.85 3.21 0.01	49.41 3.06 0.01	48.73 3.31 0.01	45.54 2.66 0.00	41.30 2.45 0.00	39.22 2.22 0.00
NYPA_HARLEM__RVR__GT2 24161	42.02 2.49 -0.01	38.40 1.93 0.00	35.73 1.80 -0.01	36.10 1.62 -0.01	35.08 1.51 -0.01	35.27 1.45 0.00	35.13 1.32 0.00	37.08 1.15 0.00	39.50 1.59 0.01	44.96 1.94 0.01	50.11 2.66 0.01	50.18 2.84 0.01	49.19 2.83 0.01	50.04 2.88 0.01	50.42 2.90 0.01	50.43 2.99 0.01	51.57 3.06 0.01	59.40 3.62 0.01	55.85 3.21 0.01	49.41 3.06 0.01	48.73 3.31 0.01	45.54 2.66 0.00	41.30 2.45 0.00	39.22 2.22 0.00
NYPA_KENT____GT 24152	41.97 2.45 0.00	38.33 1.86 0.00	35.59 1.66 0.00	35.99 1.51 0.00	34.94 1.38 0.00	35.24 1.42 0.00	35.20 1.39 0.00	37.33 1.40 0.00	39.74 1.82 0.00	45.27 2.24 0.00	50.53 3.04 -0.03	50.47 3.12 0.00	49.52 3.15 0.00	50.39 3.21 -0.01	50.80 3.23 -0.03	50.72 3.27 0.00	51.94 3.39 -0.03	59.82 4.02 -0.01	56.23 3.58 0.00	49.78 3.38 -0.03	49.14 3.68 -0.03	45.87 2.96 -0.03	41.34 2.45 -0.03	39.15 2.15 0.00
NYPA_POUCH1____GT 24155	41.89 2.37 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.88 1.41 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.10 1.28 0.00	37.22 1.29 0.00	39.63 1.71 0.00	45.18 2.15 0.00	50.41 2.90 -0.06	50.43 3.08 0.00	49.43 3.06 0.00	50.35 3.16 -0.02	50.72 3.14 -0.06	50.68 3.23 0.00	51.92 3.35 -0.06	59.71 3.90 -0.02	56.12 3.47 0.00	49.71 3.29 -0.06	49.07 3.59 -0.06	45.85 2.92 -0.06	41.32 2.41 -0.06	39.07 2.07 0.00
NYPA_VERNON____GT2 24162	41.89 2.37 0.00	38.29 1.82 0.00	35.55 1.63 0.00	35.95 1.48 0.00	34.94 1.38 0.00	35.21 1.39 0.00	35.20 1.39 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.41 2.94 -0.01	50.43 3.08 0.00	49.43 3.06 0.00	50.33 3.16 0.00	50.73 3.19 -0.01	50.68 3.23 0.00	51.87 3.35 -0.01	59.70 3.90 0.00	56.12 3.47 0.00	49.66 3.29 -0.01	48.98 3.55 -0.01	45.76 2.87 -0.01	41.27 2.41 -0.01	39.07 2.07 0.00
NYPA_VERNON____GT3 24163	41.89 2.37 0.00	38.29 1.82 0.00	35.55 1.63 0.00	35.95 1.48 0.00	34.94 1.38 0.00	35.21 1.39 0.00	35.20 1.39 0.00	37.33 1.40 0.00	39.70 1.78 0.00	45.23 2.19 0.00	50.41 2.94 -0.01	50.43 3.08 0.00	49.43 3.06 0.00	50.33 3.16 0.00	50.73 3.19 -0.01	50.68 3.23 0.00	51.87 3.35 -0.01	59.70 3.90 0.00	56.12 3.47 0.00	49.66 3.29 -0.01	48.98 3.55 -0.01	45.76 2.87 -0.01	41.27 2.41 -0.01	39.07 2.07 0.00
NYPA__ASTORIA_CC1 323568	41.85 2.33 0.00	38.26 1.79 0.00	35.55 1.63 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.26 1.33 0.00	39.63 1.71 0.00	45.14 2.11 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.24 3.06 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.56 3.20 0.00	48.93 3.50 0.00	45.66 2.79 0.00	41.23 2.37 0.00	39.03 2.03 0.00
NYPA__ASTORIA_CC2 323569	41.85 2.33 0.00	38.26 1.79 0.00	35.55 1.63 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.26 1.33 0.00	39.63 1.71 0.00	45.14 2.11 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.34 2.97 0.00	50.24 3.06 0.00	50.62 3.09 0.00	50.58 3.13 0.00	51.77 3.25 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.56 3.20 0.00	48.93 3.50 0.00	45.66 2.79 0.00	41.23 2.37 0.00	39.03 2.03 0.00
NYPA__HOLTSVILL 23794	46.94 3.28 -4.14	39.13 2.66 0.00	36.37 2.44 0.00	36.57 2.10 0.00	35.71 2.15 0.00	36.28 2.37 -0.10	36.18 2.37 0.00	40.03 2.59 -1.51	43.33 2.88 -2.53	51.44 3.40 -5.01	53.21 4.41 -1.33	54.03 4.50 -2.18	54.61 4.41 -3.83	55.11 4.53 -3.41	54.84 4.61 -2.70	55.21 4.74 -3.02	58.16 4.95 -4.69	66.39 5.63 -4.96	57.49 4.84 0.00	54.45 4.45 -3.63	54.15 4.81 -3.91	53.20 4.08 -6.24	51.48 3.30 -9.33	46.93 2.92 -7.01
NYPA__HELLGATE_GT1 24158	42.02 2.49 -0.01	38.40 1.93 0.00	35.73 1.80 -0.01	36.10 1.62 -0.01	35.08 1.51 -0.01	35.27 1.45 0.00	35.13 1.32 0.00	37.08 1.15 0.00	39.50 1.59 0.01	44.96 1.94 0.01	50.11 2.66 0.01	50.18 2.84 0.01	49.19 2.83 0.01	50.04 2.88 0.01	50.42 2.90 0.01	50.43 2.99 0.01	51.57 3.06 0.01	59.40 3.62 0.01	55.85 3.21 0.01	49.41 3.06 0.01	48.73 3.31 0.01	45.54 2.66 0.00	41.30 2.45 0.00	39.22 2.22 0.00
NYPA__HELLGATE_GT2 24159	42.02 2.49 -0.01	38.40 1.93 0.00	35.73 1.80 -0.01	36.10 1.62 -0.01	35.08 1.51 -0.01	35.27 1.45 0.00	35.13 1.32 0.00	37.08 1.15 0.00	39.50 1.59 0.01	44.96 1.94 0.01	50.11 2.66 0.01	50.18 2.84 0.01	49.19 2.83 0.01	50.04 2.88 0.01	50.42 2.90 0.01	50.43 2.99 0.01	51.57 3.06 0.01	59.40 3.62 0.01	55.85 3.21 0.01	49.41 3.06 0.01	48.73 3.31 0.01	45.54 2.66 0.00	41.30 2.45 0.00	39.22 2.22 0.00
NYS_BARGE__HYD 23848	37.35 -2.17 0.00	34.90 -1.57 0.00	32.87 -1.05 0.00	33.61 -0.86 0.00	32.52 -1.04 0.00	32.91 -0.91 0.00	32.66 -1.15 0.00	34.82 -1.11 0.00	35.38 -2.54 0.00	39.25 -3.79 0.00	43.90 -3.56 0.00	42.99 -4.36 0.00	42.29 -4.08 0.00	42.93 -4.25 0.00	43.30 -4.23 0.00	43.23 -4.22 0.00	43.95 -4.56 0.00	50.60 -5.19 0.00	48.12 -4.53 0.00	42.61 -3.75 0.00	41.11 -4.32 0.00	39.36 -3.52 0.00	35.98 -2.87 0.00	35.11 -1.89 0.00
OAK ORCHARD__HYD 24046	38.10 -1.42 0.00	35.45 -1.02 0.00	33.21 -0.71 0.00	33.85 -0.62 0.00	32.89 -0.67 0.00	33.18 -0.64 0.00	33.10 -0.71 0.00	35.28 -0.65 0.00	36.48 -1.44 0.00	40.93 -2.11 0.00	45.61 -1.85 0.00	45.08 -2.27 0.00	44.24 -2.13 0.00	45.00 -2.17 0.00	45.35 -2.19 0.00	45.27 -2.18 0.00	46.19 -2.33 0.00	53.11 -2.68 0.00	50.39 -2.26 0.00	44.51 -1.86 0.00	43.11 -2.32 0.00	40.99 -1.89 0.00	37.22 -1.63 0.00	35.85 -1.15 0.00
OAKDALE__35_KV_LOAD 356122	39.56 0.04 0.00	36.62 0.15 0.00	34.09 0.17 0.00	34.64 0.17 0.00	33.80 0.23 0.00	34.06 0.24 0.00	34.08 0.27 0.00	36.22 0.29 0.00	37.99 0.08 0.00	43.42 0.39 0.00	47.70 0.24 0.00	47.40 0.05 0.00	46.46 0.09 0.00	47.27 0.09 0.00	47.58 0.05 0.00	47.50 0.05 0.00	48.56 0.05 0.00	55.96 0.17 0.00	52.81 0.16 0.00	46.50 0.14 0.00	45.43 0.00 0.00	42.66 -0.21 0.00	38.78 -0.08 0.00	37.11 0.11 0.00
OCC_CHEM__DRP 24175	36.40 -3.12 0.00	34.03 -2.44 0.00	31.68 -2.24 0.00	32.37 -2.10 0.00	31.82 -1.75 0.00	32.09 -1.72 0.00	31.95 -1.86 0.00	33.81 -2.12 0.00	34.51 -3.41 0.00	40.11 -2.93 0.00	42.71 -4.75 0.00	41.76 -5.59 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	41.83 -5.70 0.00	42.04 -5.41 0.00	42.79 -5.72 0.00	49.54 -6.25 0.00	46.75 -5.90 0.00	41.35 -5.01 0.00	40.43 -5.00 0.00	37.73 -5.15 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00

OH_GEN_PROXY 24063	36.95 -2.57 0.00	34.50 -1.97 0.00	32.50 -1.42 0.00	33.20 -1.27 0.00	32.22 -1.34 0.00	32.50 -1.32 0.00	32.39 -1.42 0.00	34.53 -1.40 0.00	37.00 -2.81 -1.89	39.00 -4.13 -0.10	41.49 -3.99 1.98	42.57 -4.78 0.00	41.92 -4.45 0.00	42.50 -4.67 0.00	42.88 -4.66 0.00	42.80 -4.65 0.00	43.52 -5.00 0.00	50.10 -5.69 0.00	47.59 -5.05 0.00	42.19 -4.17 0.00	40.75 -4.68 0.00	39.02 -3.86 0.00	35.71 -3.15 0.00	34.82 -2.18 0.00
OLIN_CORP_DRP 24177	36.79 -2.73 0.00	34.35 -2.12 0.00	32.02 -1.90 0.00	32.71 -1.76 0.00	32.12 -1.44 0.00	32.40 -1.42 0.00	32.16 -1.66 0.00	34.03 -1.90 0.00	34.77 -3.15 0.00	40.41 -2.63 0.00	43.05 -4.41 0.00	42.14 -5.21 0.00	41.50 -4.87 0.00	42.08 -5.09 0.00	42.21 -5.32 0.00	42.42 -5.03 0.00	43.18 -5.34 0.00	49.99 -5.80 0.00	47.17 -5.48 0.00	41.72 -4.64 0.00	40.75 -4.68 0.00	38.03 -4.85 0.00	35.36 -3.50 0.00	34.52 -2.48 0.00
OLIN_CORP_DSASP 323712	36.40 -3.12 0.00	34.03 -2.44 0.00	32.06 -1.87 0.00	32.78 -1.69 0.00	31.92 -1.64 0.00	32.10 -1.72 0.00	31.95 -1.86 0.00	34.02 -1.91 0.00	34.51 -3.41 0.00	38.22 -4.82 0.00	42.76 -4.70 0.00	41.81 -5.54 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	42.11 -5.42 0.00	42.04 -5.41 0.00	42.74 -5.77 0.00	49.15 -6.64 0.00	46.75 -5.90 0.00	41.45 -4.92 0.00	39.98 -5.45 0.00	38.33 -4.55 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
ONEIDA_HERK_LFGE 323681	40.11 0.59 0.00	37.05 0.58 0.00	34.43 0.51 0.00	34.99 0.52 0.00	34.10 0.54 0.00	34.39 0.57 0.00	34.32 0.51 0.00	36.50 0.57 0.00	38.64 0.72 0.00	44.07 1.03 0.00	48.88 1.42 0.00	48.67 1.32 0.00	47.67 1.30 0.00	48.54 1.37 0.00	48.91 1.38 0.00	48.73 1.28 0.00	49.92 1.41 0.00	57.35 1.56 0.00	54.12 1.47 0.00	47.61 1.25 0.00	46.47 1.05 0.00	43.78 0.90 0.00	39.44 0.58 0.00	37.52 0.52 0.00
ONEIDA___115KV_TB4 55905	40.31 0.79 0.00	37.27 0.80 0.00	34.67 0.75 0.00	35.23 0.76 0.00	34.34 0.77 0.00	34.66 0.85 0.00	34.59 0.78 0.00	36.79 0.86 0.00	38.87 0.95 0.00	44.50 1.46 0.00	49.22 1.76 0.00	48.96 1.61 0.00	47.99 1.62 0.00	48.87 1.70 0.00	49.20 1.66 0.00	49.06 1.61 0.00	50.17 1.65 0.00	57.63 1.84 0.00	54.33 1.68 0.00	47.75 1.39 0.00	46.65 1.23 0.00	43.82 0.94 0.00	39.59 0.74 0.00	37.74 0.74 0.00
ONONDAGA_REF_OCCRA 23987	38.93 -0.59 0.00	36.00 -0.47 0.00	33.48 -0.44 0.00	34.02 -0.45 0.00	33.16 -0.40 0.00	33.41 -0.41 0.00	33.41 -0.41 0.00	35.53 -0.40 0.00	37.43 -0.49 0.00	42.78 -0.26 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.34 -0.45 0.00	52.23 -0.42 0.00	45.94 -0.42 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.23 -0.62 0.00	36.48 -0.52 0.00
ONONDAGA___COGEN 23986	38.93 -0.59 0.00	36.00 -0.47 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.41 -0.41 0.00	35.53 -0.40 0.00	37.43 -0.49 0.00	42.78 -0.26 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.29 -0.50 0.00	52.18 -0.47 0.00	45.90 -0.46 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.23 -0.62 0.00	36.52 -0.48 0.00
ONTARIO___LFGE 23819	39.28 -0.24 0.00	36.62 0.15 0.00	34.23 0.30 0.00	34.82 0.34 0.00	33.83 0.27 0.00	34.16 0.34 0.00	34.19 0.37 0.00	36.40 0.47 0.00	37.92 0.00 0.00	42.56 -0.47 0.00	47.46 0.00 0.00	47.07 -0.28 0.00	46.05 -0.32 0.00	46.79 -0.38 0.00	47.20 -0.33 0.00	47.12 -0.33 0.00	48.18 -0.34 0.00	55.40 -0.39 0.00	52.60 -0.05 0.00	46.22 -0.14 0.00	44.88 -0.54 0.00	42.45 -0.43 0.00	38.54 -0.31 0.00	37.00 0.00 0.00
ORANGEVILLE_WT_PWR 323706	38.37 -1.15 0.00	35.85 -0.62 0.00	33.65 -0.27 0.00	34.37 -0.10 0.00	33.36 -0.20 0.00	33.65 -0.17 0.00	33.58 -0.24 0.00	35.79 -0.14 0.00	36.67 -1.25 0.00	40.79 -2.24 0.00	45.51 -1.95 0.00	44.75 -2.60 0.00	43.96 -2.41 0.00	44.62 -2.55 0.00	44.96 -2.57 0.00	44.93 -2.52 0.00	45.80 -2.72 0.00	52.72 -3.07 0.00	50.07 -2.58 0.00	44.28 -2.09 0.00	42.79 -2.64 0.00	40.82 -2.06 0.00	37.22 -1.63 0.00	36.15 -0.85 0.00
ORANGEVILLE___ESR 323794	38.37 -1.15 0.00	35.85 -0.62 0.00	33.65 -0.27 0.00	34.37 -0.10 0.00	33.36 -0.20 0.00	33.65 -0.17 0.00	33.58 -0.24 0.00	35.79 -0.14 0.00	36.67 -1.25 0.00	40.79 -2.24 0.00	45.51 -1.95 0.00	44.75 -2.60 0.00	43.96 -2.41 0.00	44.62 -2.55 0.00	44.96 -2.57 0.00	44.93 -2.52 0.00	45.80 -2.72 0.00	52.72 -3.07 0.00	50.07 -2.58 0.00	44.28 -2.09 0.00	42.79 -2.64 0.00	40.82 -2.06 0.00	37.22 -1.63 0.00	36.15 -0.85 0.00
OSWEGATCHIE___HYD 24044	38.77 -0.75 0.00	35.81 -0.66 0.00	33.38 -0.54 0.00	33.92 -0.55 0.00	33.06 -0.50 0.00	33.38 -0.44 0.00	33.24 -0.58 0.00	35.28 -0.65 0.00	37.39 -0.53 0.00	42.60 -0.43 0.00	46.84 -0.62 0.00	46.69 -0.66 0.00	45.72 -0.65 0.00	46.56 -0.61 0.00	46.87 -0.67 0.00	46.74 -0.71 0.00	47.88 -0.63 0.00	55.01 -0.78 0.00	52.02 -0.63 0.00	45.71 -0.65 0.00	44.70 -0.73 0.00	42.24 -0.64 0.00	38.23 -0.62 0.00	36.34 -0.66 0.00
OSWEGO___5 23606	38.25 -1.27 0.00	35.38 -1.09 0.00	32.94 -0.98 0.00	33.51 -0.96 0.00	32.59 -0.97 0.00	32.87 -0.95 0.00	32.83 -0.98 0.00	34.92 -1.01 0.00	36.74 -1.18 0.00	41.66 -1.38 0.00	46.18 -1.28 0.00	45.98 -1.37 0.00	45.02 -1.35 0.00	45.80 -1.37 0.00	46.15 -1.38 0.00	46.07 -1.38 0.00	47.11 -1.41 0.00	54.17 -1.62 0.00	51.12 -1.53 0.00	45.06 -1.30 0.00	44.02 -1.41 0.00	41.55 -1.33 0.00	37.61 -1.24 0.00	35.89 -1.11 0.00
OSWEGO___6 23613	38.25 -1.27 0.00	35.38 -1.09 0.00	32.94 -0.98 0.00	33.51 -0.96 0.00	32.59 -0.97 0.00	32.87 -0.95 0.00	32.83 -0.98 0.00	34.92 -1.01 0.00	36.74 -1.18 0.00	41.66 -1.38 0.00	46.18 -1.28 0.00	45.98 -1.37 0.00	45.02 -1.35 0.00	45.80 -1.37 0.00	46.15 -1.38 0.00	46.07 -1.38 0.00	47.11 -1.41 0.00	54.17 -1.62 0.00	51.12 -1.53 0.00	45.06 -1.30 0.00	44.02 -1.41 0.00	41.55 -1.33 0.00	37.61 -1.24 0.00	35.89 -1.11 0.00
OUTOKUMPU-AB___DRP 24206	37.54 -1.98 0.00	35.12 -1.35 0.00	32.70 -1.22 0.00	33.40 -1.07 0.00	32.79 -0.77 0.00	33.08 -0.74 0.00	32.90 -0.91 0.00	34.85 -1.08 0.00	35.64 -2.28 0.00	41.44 -1.59 0.00	44.23 -3.23 0.00	43.33 -4.02 0.00	42.61 -3.76 0.00	43.26 -3.92 0.00	43.35 -4.18 0.00	43.56 -3.89 0.00	44.34 -4.17 0.00	51.38 -4.41 0.00	48.49 -4.16 0.00	42.84 -3.52 0.00	41.84 -3.59 0.00	39.06 -3.82 0.00	36.25 -2.60 0.00	35.37 -1.63 0.00
OXBOW___BTM 323836	37.03 -2.49 0.00	34.61 -1.86 0.00	32.60 -1.32 0.00	33.33 -1.14 0.00	32.42 -1.14 0.00	32.63 -1.18 0.00	32.46 -1.35 0.00	34.60 -1.33 0.00	35.15 -2.77 0.00	38.94 -4.09 0.00	43.57 -3.89 0.00	42.66 -4.69 0.00	41.96 -4.41 0.00	42.60 -4.57 0.00	42.97 -4.56 0.00	42.89 -4.56 0.00	43.62 -4.90 0.00	50.16 -5.63 0.00	47.70 -4.95 0.00	42.28 -4.08 0.00	40.79 -4.63 0.00	39.06 -3.82 0.00	35.74 -3.11 0.00	34.89 -2.11 0.00

OXBOW____ 24026	37.03 -2.49 0.00	34.61 -1.86 0.00	32.23 -1.70 0.00	32.92 -1.55 0.00	32.36 -1.21 0.00	32.60 -1.22 0.00	32.46 -1.35 0.00	34.35 -1.58 0.00	35.11 -2.81 0.00	40.84 -2.19 0.00	43.57 -3.89 0.00	42.61 -4.74 0.00	41.96 -4.41 0.00	42.60 -4.58 0.00	42.68 -4.85 0.00	42.89 -4.56 0.00	43.66 -4.85 0.00	50.54 -5.24 0.00	47.70 -4.95 0.00	42.14 -4.22 0.00	41.20 -4.22 0.00	38.46 -4.42 0.00	35.75 -3.11 0.00	34.89 -2.11 0.00
OXY_CHEM_DSASP 323612	36.40 -3.12 0.00	34.03 -2.44 0.00	31.68 -2.24 0.00	32.37 -2.10 0.00	31.82 -1.75 0.00	32.09 -1.72 0.00	31.95 -1.86 0.00	33.81 -2.12 0.00	34.51 -3.41 0.00	40.11 -2.93 0.00	42.71 -4.75 0.00	41.76 -5.59 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	41.83 -5.70 0.00	42.04 -5.41 0.00	42.79 -5.72 0.00	49.54 -6.25 0.00	46.75 -5.90 0.00	41.35 -5.01 0.00	40.43 -5.00 0.00	37.73 -5.15 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
OZONE_PARK_ESR 323760	42.01 2.49 0.00	38.44 1.97 0.00	35.65 1.73 0.00	36.06 1.59 0.00	35.04 1.48 0.00	35.38 1.56 0.00	35.40 1.59 0.00	37.69 1.76 0.00	40.00 2.09 0.00	45.79 2.75 0.00	50.74 3.27 0.00	50.81 3.46 0.00	49.80 3.43 0.00	50.66 3.49 0.00	51.14 3.61 0.00	51.05 3.61 0.00	52.20 3.69 0.00	60.20 4.41 0.00	56.60 3.95 0.00	49.88 3.52 0.00	49.06 3.63 0.00	45.97 3.09 0.00	41.42 2.56 0.00	39.18 2.18 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.40 -3.12 0.00	34.03 -2.44 0.00	31.68 -2.24 0.00	32.37 -2.10 0.00	31.82 -1.75 0.00	32.09 -1.72 0.00	31.95 -1.86 0.00	33.81 -2.12 0.00	34.51 -3.41 0.00	40.11 -2.93 0.00	42.71 -4.75 0.00	41.76 -5.59 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	41.83 -5.70 0.00	42.04 -5.41 0.00	42.79 -5.72 0.00	49.54 -6.25 0.00	46.75 -5.90 0.00	41.35 -5.01 0.00	40.43 -5.00 0.00	37.73 -5.15 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
PACKARD__115KV_DUPONT_184 80571	36.40 -3.12 0.00	34.03 -2.44 0.00	31.68 -2.24 0.00	32.37 -2.10 0.00	31.82 -1.75 0.00	32.09 -1.72 0.00	31.95 -1.86 0.00	33.81 -2.12 0.00	34.51 -3.41 0.00	40.11 -2.93 0.00	42.71 -4.75 0.00	41.76 -5.59 0.00	41.18 -5.19 0.00	41.75 -5.42 0.00	41.83 -5.70 0.00	42.04 -5.41 0.00	42.79 -5.72 0.00	49.54 -6.25 0.00	46.75 -5.90 0.00	41.35 -5.01 0.00	40.43 -5.00 0.00	37.73 -5.15 0.00	35.09 -3.77 0.00	34.30 -2.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.05 2.53 0.00	38.44 1.97 0.00	35.69 1.76 0.00	36.09 1.62 0.00	35.07 1.51 0.00	35.24 1.42 0.00	35.10 1.28 0.00	37.15 1.22 0.00	39.44 1.52 0.00	45.10 2.07 0.00	50.12 2.66 0.00	50.14 2.79 0.00	49.15 2.78 0.00	50.00 2.83 0.00	50.57 3.04 0.00	50.39 2.94 0.00	51.52 3.01 0.00	59.41 3.63 0.00	55.81 3.16 0.00	49.33 2.97 0.00	48.47 3.04 0.00	45.45 2.57 0.00	41.26 2.41 0.00	39.18 2.18 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.64 3.12 0.00	38.99 2.52 0.00	36.20 2.27 0.00	36.61 2.14 0.00	35.54 1.98 0.00	35.75 1.93 0.00	35.57 1.76 0.00	37.65 1.72 0.00	40.00 2.09 0.00	45.75 2.71 0.00	50.83 3.37 0.00	50.85 3.50 0.00	49.85 3.48 0.00	50.71 3.54 0.00	51.29 3.76 0.00	51.10 3.65 0.00	52.30 3.78 0.00	60.25 4.46 0.00	56.55 3.90 0.00	49.98 3.62 0.00	49.15 3.73 0.00	46.09 3.22 0.00	41.89 3.03 0.00	39.78 2.78 0.00
PATROON__115KV_TB1 80586	40.31 0.79 0.00	37.16 0.69 0.00	34.53 0.61 0.00	35.09 0.62 0.00	34.13 0.57 0.00	34.39 0.57 0.00	34.49 0.68 0.00	36.58 0.65 0.00	38.64 0.72 0.00	44.20 1.16 0.00	48.93 1.47 0.00	48.91 1.56 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.10 1.57 0.00	48.97 1.52 0.00	50.02 1.50 0.00	57.63 1.84 0.00	54.23 1.58 0.00	47.71 1.34 0.00	46.84 1.41 0.00	43.95 1.07 0.00	39.63 0.78 0.00	37.67 0.67 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.73 -0.79 0.00	36.18 -0.29 0.00	33.69 -0.24 0.00	34.40 -0.07 0.00	33.73 0.17 0.00	34.02 0.20 0.00	33.98 0.17 0.00	36.00 0.07 0.00	36.93 -0.99 0.00	42.69 -0.34 0.00	45.80 -1.66 0.00	44.94 -2.41 0.00	44.14 -2.23 0.00	44.86 -2.31 0.00	44.97 -2.57 0.00	45.17 -2.28 0.00	45.99 -2.52 0.00	53.33 -2.45 0.00	50.28 -2.37 0.00	44.37 -1.99 0.00	43.29 -2.14 0.00	40.48 -2.40 0.00	37.53 -1.32 0.00	36.52 -0.48 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.05 2.53 0.00	38.55 2.08 0.00	35.79 1.87 0.00	36.26 1.79 0.00	35.11 1.54 0.00	35.44 1.62 0.00	35.47 1.66 0.00	37.69 1.76 0.00	40.04 2.12 0.00	45.79 2.75 0.00	50.88 3.42 0.00	50.95 3.60 0.00	49.85 3.48 0.00	50.66 3.49 0.00	51.14 3.61 0.00	51.05 3.61 0.00	52.11 3.59 0.00	60.03 4.24 0.00	56.55 3.90 0.00	49.79 3.43 0.00	48.93 3.50 0.00	45.79 2.92 0.00	41.19 2.33 0.00	39.04 2.04 0.00
PEEKSKILL____ 23653	41.42 1.90 0.00	37.93 1.46 0.00	35.21 1.29 0.00	35.64 1.17 0.00	34.64 1.07 0.00	34.97 1.15 0.00	35.00 1.18 0.00	37.22 1.29 0.00	39.51 1.59 0.00	44.97 1.94 0.00	50.07 2.61 0.00	50.10 2.75 0.00	49.06 2.69 0.00	49.91 2.73 0.00	50.34 2.80 0.00	50.29 2.85 0.00	51.43 2.91 0.00	59.19 3.40 0.00	55.70 3.05 0.00	49.14 2.78 0.00	48.43 3.00 0.00	45.23 2.36 0.00	40.68 1.83 0.00	38.55 1.55 0.00
PGE MADISON__WINDPWR 24146	42.60 3.08 0.00	39.57 3.10 0.00	36.81 2.88 0.00	37.33 2.86 0.00	36.35 2.78 0.00	36.83 3.01 0.00	36.59 2.77 0.00	39.17 3.24 0.00	41.26 3.34 0.00	46.99 3.96 0.00	52.54 5.08 0.00	52.23 4.88 0.00	51.15 4.78 0.00	51.93 4.76 0.00	52.33 4.80 0.00	51.91 4.46 0.00	53.41 4.90 0.00	61.37 5.58 0.00	57.91 5.26 0.00	50.77 4.41 0.00	49.20 3.77 0.00	46.31 3.43 0.00	41.53 2.68 0.00	39.70 2.70 0.00
PIERCEFIELD__HYD 23852	38.81 -0.71 0.00	35.81 -0.66 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.37 -0.44 0.00	35.28 -0.65 0.00	37.43 -0.49 0.00	42.00 -1.03 0.00	46.37 -1.09 0.00	46.26 -1.09 0.00	45.30 -1.07 0.00	46.13 -1.04 0.00	46.44 -1.09 0.00	46.31 -1.14 0.00	47.45 -1.07 0.00	54.28 -1.51 0.00	51.54 -1.11 0.00	45.34 -1.02 0.00	44.47 -0.95 0.00	42.24 -0.64 0.00	38.31 -0.54 0.00	36.45 -0.56 0.00
PINELAWN_CC_1 323563	46.78 3.12 -4.14	38.98 2.51 0.00	36.23 2.31 0.00	36.47 2.00 0.00	35.58 2.01 0.00	36.12 2.20 -0.10	36.01 2.20 0.00	39.85 2.41 -1.51	43.18 2.73 -2.53	51.27 3.23 -5.01	52.92 4.13 -1.33	53.79 4.26 -2.18	54.42 4.22 -3.83	54.87 4.29 -3.41	54.60 4.37 -2.70	54.92 4.46 -3.01	57.82 4.61 -4.69	66.16 5.41 -4.96	57.33 4.68 0.00	54.40 4.41 -3.63	53.92 4.59 -3.91	52.98 3.86 -6.24	51.29 3.11 -9.33	46.75 2.74 -7.01
PJM_GEN_HTP_PROXY 323702	41.65 2.13 0.00	38.11 1.64 0.00	35.38 1.46 0.00	35.78 1.31 0.00	34.77 1.21 0.00	35.10 1.28 0.00	35.13 1.32 0.00	37.33 1.40 0.00	41.59 1.78 -1.89	45.33 2.19 -0.10	48.32 2.85 1.98	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.62 3.09 0.00	50.63 3.18 0.00	51.72 3.20 0.00	59.58 3.80 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.79 3.36 0.00	45.58 2.70 0.00	41.03 2.17 0.00	38.85 1.85 0.00

PJM_GEN_KEystone 24065	38.30 0.08 1.30	35.50 0.07 1.04	33.88 0.17 0.21	33.23 0.17 1.41	33.31 0.10 0.36	33.82 0.14 0.14	34.02 0.20 0.00	36.18 0.25 0.00	39.69 -0.11 -1.89	42.70 -0.43 -0.10	42.20 -0.05 5.21	41.40 -0.24 5.71	40.16 -0.14 6.07	39.20 -0.19 7.78	39.91 -0.19 7.43	39.60 -0.14 7.71	45.40 -0.24 2.87	48.80 -0.17 6.82	46.20 -0.16 6.29	43.28 0.00 3.08	41.54 -0.09 3.80	40.80 -0.13 1.95	38.70 -0.15 0.00	37.07 0.07 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.23 2.57 -4.14	38.51 2.04 0.00	35.75 1.83 0.00	36.06 1.59 0.00	35.14 1.58 0.00	35.64 1.72 -0.10	35.57 1.76 0.00	39.34 1.90 -1.51	44.57 2.24 -4.42	50.85 2.71 -5.11	50.22 3.42 0.66	53.08 3.55 -2.18	53.72 3.52 -3.83	54.16 3.58 -3.41	53.84 3.61 -2.69	54.16 3.70 -3.01	56.94 3.74 -4.69	65.16 4.41 -4.96	56.49 3.84 0.00	53.61 3.62 -3.63	53.15 3.82 -3.90	52.24 3.13 -6.24	50.74 2.56 -9.32	46.23 2.22 -7.01
PJM_GEN_VFT_PROXY 323633	41.49 1.98 0.01	37.92 1.46 0.01	35.20 1.29 0.01	35.60 1.14 0.01	34.60 1.04 0.01	34.93 1.11 0.01	34.95 1.15 0.01	37.15 1.22 0.00	41.40 1.59 -1.89	45.11 1.98 -0.10	48.09 2.61 1.98	50.14 2.79 0.00	49.10 2.74 0.00	49.95 2.78 0.00	50.38 2.85 0.00	50.39 2.94 0.00	51.48 2.96 0.00	59.31 3.52 0.00	55.75 3.11 0.00	49.24 2.88 0.00	48.61 3.18 0.00	45.41 2.53 0.00	40.87 2.02 0.00	38.66 1.67 0.01
PLATSBURG_115KV_PMLD1 355749	40.82 1.30 0.00	37.67 1.20 0.00	34.98 1.05 0.00	35.61 1.14 0.00	34.70 1.14 0.00	35.00 1.18 0.00	34.96 1.15 0.00	37.22 1.29 0.00	39.44 1.52 0.00	44.33 1.29 0.00	48.12 0.66 0.00	48.01 0.66 0.00	47.20 0.83 0.00	47.83 0.66 0.00	48.15 0.62 0.00	48.16 0.71 0.00	49.24 0.73 0.00	56.23 0.45 0.00	53.49 0.84 0.00	47.61 1.25 0.00	46.97 1.54 0.00	44.51 1.63 0.00	40.45 1.59 0.00	38.55 1.55 0.00
PLEASANTVLY___LBMP 24000	41.30 1.78 0.00	37.89 1.42 0.00	35.18 1.26 0.00	35.68 1.21 0.00	34.67 1.11 0.00	35.00 1.18 0.00	35.03 1.22 0.00	37.26 1.33 0.00	39.44 1.52 0.00	45.06 2.02 0.00	49.93 2.47 0.00	49.95 2.60 0.00	48.92 2.55 0.00	49.77 2.59 0.00	50.24 2.71 0.00	50.15 2.70 0.00	51.23 2.72 0.00	59.02 3.24 0.00	55.55 2.90 0.00	48.96 2.60 0.00	48.06 2.63 0.00	45.02 2.14 0.00	40.60 1.75 0.00	38.52 1.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.53 2.02 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.66 1.74 0.00	45.36 2.32 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.29 2.92 0.00	50.14 2.97 0.00	50.62 3.09 0.00	50.53 3.08 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.02 3.37 0.00	49.33 2.97 0.00	48.47 3.04 0.00	45.41 2.53 0.00	40.91 2.06 0.00	38.78 1.78 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.53 2.02 0.00	38.07 1.60 0.00	35.35 1.42 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.66 1.74 0.00	45.36 2.32 0.00	50.31 2.85 0.00	50.33 2.98 0.00	49.29 2.92 0.00	50.14 2.97 0.00	50.62 3.09 0.00	50.53 3.08 0.00	51.67 3.15 0.00	59.53 3.74 0.00	56.02 3.37 0.00	49.33 2.97 0.00	48.47 3.04 0.00	45.41 2.53 0.00	40.91 2.06 0.00	38.78 1.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.65 2.13 0.00	38.26 1.79 0.00	35.52 1.59 0.00	36.02 1.55 0.00	35.01 1.44 0.00	35.31 1.49 0.00	35.27 1.45 0.00	37.51 1.58 0.00	39.66 1.74 0.00	45.27 2.24 0.00	50.21 2.75 0.00	50.24 2.89 0.00	49.24 2.87 0.00	50.10 2.92 0.00	50.53 2.99 0.00	50.48 3.04 0.00	51.62 3.11 0.00	59.47 3.68 0.00	56.02 3.37 0.00	49.28 2.92 0.00	48.34 2.91 0.00	45.32 2.44 0.00	40.84 1.98 0.00	38.74 1.74 0.00
POLETTI_____ 23519	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.10 1.29 0.00	35.13 1.32 0.00	37.40 1.47 0.00	39.66 1.74 0.00	45.36 2.32 0.00	50.31 2.85 0.00	50.38 3.03 0.00	49.34 2.97 0.00	50.19 3.02 0.00	50.72 3.18 0.00	50.58 3.13 0.00	51.72 3.20 0.00	59.64 3.85 0.00	56.02 3.37 0.00	49.42 3.06 0.00	48.61 3.18 0.00	45.54 2.66 0.00	41.07 2.21 0.00	38.89 1.89 0.00
POMONA___ESR 323819	41.30 1.78 0.00	37.78 1.31 0.00	35.08 1.15 0.00	35.50 1.03 0.00	34.50 0.94 0.00	34.83 1.01 0.00	34.89 1.08 0.00	37.08 1.15 0.00	39.32 1.40 0.00	44.76 1.72 0.00	49.79 2.32 0.00	49.86 2.51 0.00	48.83 2.46 0.00	49.67 2.50 0.00	50.10 2.56 0.00	50.06 2.61 0.00	51.18 2.67 0.00	58.91 3.12 0.00	55.49 2.84 0.00	48.91 2.55 0.00	48.15 2.73 0.00	45.02 2.14 0.00	40.49 1.63 0.00	38.41 1.41 0.00
PORT_JEFF_3 23555	47.06 3.40 -4.14	39.21 2.74 0.00	36.43 2.51 0.00	36.68 2.21 0.00	35.78 2.21 0.00	36.35 2.44 -0.10	36.25 2.44 0.00	40.10 2.66 -1.51	43.45 2.99 -2.53	51.57 3.53 -5.01	53.40 4.60 -1.33	54.18 4.64 -2.18	54.80 4.59 -3.83	55.25 4.67 -3.41	54.98 4.75 -2.70	55.35 4.89 -3.02	58.30 5.09 -4.69	66.61 5.86 -4.96	57.70 5.05 0.00	54.59 4.59 -3.63	54.29 4.95 -3.91	53.33 4.20 -6.24	51.60 3.42 -9.33	47.01 3.00 -7.01
PORT_JEFF_4 23616	47.06 3.40 -4.14	39.21 2.74 0.00	36.43 2.51 0.00	36.68 2.21 0.00	35.78 2.21 0.00	36.35 2.44 -0.10	36.25 2.44 0.00	40.10 2.66 -1.51	43.45 2.99 -2.53	51.57 3.53 -5.01	53.40 4.60 -1.33	54.18 4.64 -2.18	54.80 4.59 -3.83	55.25 4.67 -3.41	54.98 4.75 -2.70	55.35 4.89 -3.02	58.30 5.09 -4.69	66.61 5.86 -4.96	57.70 5.05 0.00	54.59 4.59 -3.63	54.29 4.95 -3.91	53.33 4.20 -6.24	51.60 3.42 -9.33	47.01 3.00 -7.01
PORT_JEFF_IC 23713	47.14 3.48 -4.14	39.28 2.81 0.00	36.50 2.58 0.00	36.71 2.24 0.00	35.85 2.28 0.00	36.42 2.50 -0.10	36.31 2.50 0.00	40.17 2.73 -1.51	43.49 3.03 -2.53	51.61 3.57 -5.01	53.49 4.70 -1.33	54.27 4.73 -2.18	54.89 4.68 -3.83	55.34 4.76 -3.41	55.08 4.85 -2.70	55.44 4.98 -3.02	58.45 5.24 -4.69	66.73 5.97 -4.96	57.81 5.16 0.00	54.67 4.68 -3.63	54.38 5.04 -3.91	53.41 4.29 -6.24	51.68 3.50 -9.33	47.08 3.07 -7.01
PPL PILGRIM_ST_GT1 24216	47.02 3.36 -4.14	39.21 2.74 0.00	36.43 2.51 0.00	36.68 2.21 0.00	35.78 2.21 0.00	36.35 2.44 -0.10	36.25 2.44 0.00	40.10 2.66 -1.51	43.41 2.96 -2.53	51.53 3.48 -5.01	53.30 4.51 -1.33	54.12 4.59 -2.18	54.75 4.55 -3.83	55.21 4.63 -3.41	54.94 4.71 -2.70	55.31 4.84 -3.02	58.20 5.00 -4.69	66.50 5.75 -4.96	57.65 5.00 0.00	54.67 4.68 -3.63	54.25 4.91 -3.91	53.28 4.16 -6.24	51.56 3.38 -9.33	47.01 3.00 -7.01
PPL PILGRIM_ST_GT2 24217	47.02 3.36 -4.14	39.21 2.74 0.00	36.43 2.51 0.00	36.68 2.21 0.00	35.78 2.21 0.00	36.35 2.44 -0.10	36.25 2.44 0.00	40.10 2.66 -1.51	43.41 2.96 -2.53	51.53 3.48 -5.01	53.30 4.51 -1.33	54.12 4.59 -2.18	54.75 4.55 -3.83	55.21 4.63 -3.41	54.94 4.71 -2.70	55.31 4.84 -3.02	58.20 5.00 -4.69	66.50 5.75 -4.96	57.65 5.00 0.00	54.67 4.68 -3.63	54.25 4.91 -3.91	53.28 4.16 -6.24	51.56 3.38 -9.33	47.01 3.00 -7.01

PPL_SHRM_GT3 24213	47.34 3.68 -4.14	39.46 2.99 0.00	36.67 2.75 0.00	36.88 2.41 0.00	36.01 2.45 0.00	36.59 2.67 -0.10	36.48 2.67 0.00	40.39 2.95 -1.51	43.67 3.22 -2.53	51.75 3.70 -5.01	53.78 4.98 -1.33	54.50 4.97 -2.18	55.12 4.91 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.73 5.27 -3.02	58.78 5.58 -4.69	66.95 6.19 -4.96	57.91 5.26 0.00	54.59 4.59 -3.63	54.65 5.31 -3.91	53.66 4.54 -6.24	51.87 3.69 -9.33	47.27 3.26 -7.01
PPL_SHRM_GT4 24214	47.34 3.68 -4.14	39.46 2.99 0.00	36.67 2.75 0.00	36.88 2.41 0.00	36.01 2.45 0.00	36.59 2.67 -0.10	36.48 2.67 0.00	40.39 2.95 -1.51	43.67 3.22 -2.53	51.75 3.70 -5.01	53.78 4.98 -1.33	54.50 4.97 -2.18	55.12 4.91 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.73 5.27 -3.02	58.78 5.58 -4.69	66.95 6.19 -4.96	57.91 5.26 0.00	54.59 4.59 -3.63	54.65 5.31 -3.91	53.66 4.54 -6.24	51.87 3.69 -9.33	47.27 3.26 -7.01
PROJECT___ORANGE 1 24174	38.65 -0.87 0.00	35.78 -0.69 0.00	33.28 -0.64 0.00	33.82 -0.65 0.00	32.96 -0.60 0.00	33.21 -0.61 0.00	33.20 -0.61 0.00	35.32 -0.61 0.00	37.16 -0.76 0.00	42.47 -0.56 0.00	46.84 -0.62 0.00	46.64 -0.71 0.00	45.67 -0.70 0.00	46.42 -0.75 0.00	46.77 -0.76 0.00	46.64 -0.81 0.00	47.69 -0.82 0.00	54.90 -0.89 0.00	51.81 -0.84 0.00	45.57 -0.79 0.00	44.56 -0.86 0.00	41.89 -0.99 0.00	38.00 -0.85 0.00	36.26 -0.74 0.00
PROJECT___ORANGE 2 24166	38.65 -0.87 0.00	35.78 -0.69 0.00	33.28 -0.64 0.00	33.82 -0.65 0.00	32.96 -0.60 0.00	33.21 -0.61 0.00	33.20 -0.61 0.00	35.32 -0.61 0.00	37.16 -0.76 0.00	42.47 -0.56 0.00	46.84 -0.62 0.00	46.64 -0.71 0.00	45.67 -0.70 0.00	46.42 -0.75 0.00	46.77 -0.76 0.00	46.64 -0.81 0.00	47.69 -0.82 0.00	54.90 -0.89 0.00	51.81 -0.84 0.00	45.57 -0.79 0.00	44.56 -0.86 0.00	41.89 -0.99 0.00	38.00 -0.85 0.00	36.26 -0.74 0.00
PUCKETT___SOLAR 323809	40.47 0.95 0.00	37.45 0.99 0.00	34.91 0.98 0.00	35.50 1.03 0.00	34.54 0.97 0.00	34.83 1.01 0.00	34.83 1.01 0.00	37.08 1.15 0.00	38.94 1.02 0.00	44.07 1.03 0.00	49.02 1.56 0.00	48.77 1.42 0.00	47.76 1.39 0.00	48.54 1.37 0.00	48.96 1.42 0.00	48.77 1.33 0.00	49.97 1.45 0.00	57.52 1.73 0.00	54.33 1.68 0.00	47.80 1.44 0.00	46.56 1.14 0.00	43.95 1.07 0.00	39.67 0.82 0.00	37.93 0.93 0.00
PYRITES___HYD 24023	39.56 0.04 0.00	36.51 0.04 0.00	34.13 0.20 0.00	34.71 0.24 0.00	33.80 0.23 0.00	34.12 0.30 0.00	33.98 0.17 0.00	36.00 0.07 0.00	38.18 0.27 0.00	42.90 -0.13 0.00	47.41 -0.05 0.00	47.30 -0.05 0.00	46.28 -0.09 0.00	47.17 0.00 0.00	47.44 -0.10 0.00	47.31 -0.14 0.00	48.47 -0.05 0.00	55.45 -0.33 0.00	52.65 0.00 0.00	46.31 -0.05 0.00	45.38 -0.05 0.00	43.09 0.21 0.00	39.01 0.16 0.00	37.15 0.15 0.00
QUAKERRD_115KV_BK1 80622	37.35 -2.17 0.00	34.68 -1.79 0.00	32.30 -1.63 0.00	32.88 -1.59 0.00	32.15 -1.41 0.00	32.43 -1.39 0.00	32.36 -1.45 0.00	34.35 -1.58 0.00	35.80 -2.12 0.00	41.27 -1.76 0.00	44.90 -2.56 0.00	44.46 -2.89 0.00	43.59 -2.78 0.00	44.39 -2.78 0.00	44.59 -2.95 0.00	44.65 -2.80 0.00	45.56 -2.96 0.00	52.55 -3.24 0.00	49.65 -3.00 0.00	43.72 -2.64 0.00	42.70 -2.73 0.00	40.01 -2.87 0.00	36.56 -2.29 0.00	35.15 -1.85 0.00
QUENSBRY_115KV_TB8 356137	41.50 1.98 0.00	38.18 1.71 0.00	35.42 1.49 0.00	36.02 1.55 0.00	34.94 1.38 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.30 1.37 0.00	39.59 1.67 0.00	45.57 2.54 0.00	50.59 3.13 0.00	50.52 3.17 0.00	49.29 2.92 0.00	50.10 2.92 0.00	50.43 2.90 0.00	50.25 2.80 0.00	51.43 2.91 0.00	59.30 3.51 0.00	55.81 3.16 0.00	49.00 2.64 0.00	48.06 2.63 0.00	44.89 2.02 0.00	40.33 1.48 0.00	38.30 1.30 0.00
RAMAPO___LBMP 323565	41.18 1.66 0.00	37.67 1.20 0.00	34.98 1.05 0.00	35.44 0.97 0.00	34.44 0.87 0.00	34.77 0.95 0.00	34.83 1.01 0.00	37.08 1.15 0.00	39.25 1.33 0.00	44.84 1.81 0.00	49.69 2.23 0.00	49.72 2.37 0.00	48.69 2.32 0.00	49.53 2.36 0.00	50.00 2.47 0.00	49.92 2.47 0.00	51.04 2.52 0.00	58.80 3.01 0.00	55.33 2.69 0.00	48.77 2.41 0.00	47.88 2.45 0.00	44.85 1.97 0.00	40.41 1.55 0.00	38.33 1.33 0.00
RANKINE____ 23646	38.21 -1.30 0.00	35.70 -0.77 0.00	33.25 -0.68 0.00	33.95 -0.52 0.00	33.33 -0.23 0.00	33.58 -0.24 0.00	33.51 -0.30 0.00	35.46 -0.47 0.00	36.36 -1.55 0.00	42.17 -0.86 0.00	45.13 -2.33 0.00	44.22 -3.13 0.00	43.49 -2.87 0.00	44.15 -3.02 0.00	44.25 -3.28 0.00	44.46 -2.99 0.00	45.27 -3.25 0.00	52.44 -3.35 0.00	49.49 -3.16 0.00	43.72 -2.64 0.00	42.70 -2.73 0.00	39.88 -3.00 0.00	36.99 -1.87 0.00	36.04 -0.96 0.00
RAVENSWOOD_GT2_1 24244	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.40 2.37 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.63 3.18 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.54 2.66 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RAVENSWOOD_GT2_2 24245	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.40 2.37 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.63 3.18 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.54 2.66 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RAVENSWOOD_GT2_3 24246	41.73 2.21 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.82 3.30 0.00	59.69 3.91 0.00	56.12 3.47 0.00	49.51 3.15 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.11 2.25 0.00	38.92 1.92 0.00
RAVENSWOOD_GT2_4 24247	41.73 2.21 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.82 3.30 0.00	59.69 3.91 0.00	56.12 3.47 0.00	49.51 3.15 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.11 2.25 0.00	38.92 1.92 0.00
RAVENSWOOD_GT3_1 24248	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.40 2.37 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.63 3.18 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00

RAVENSWOOD_GT3_2 24249	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.40 2.37 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.63 3.18 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RAVENSWOOD_GT3_3 24250	41.77 2.25 0.00	38.22 1.75 0.00	35.45 1.53 0.00	35.88 1.41 0.00	34.87 1.31 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.75 3.96 0.00	56.18 3.53 0.00	49.56 3.20 0.00	48.70 3.27 0.00	45.62 2.74 0.00	41.15 2.29 0.00	38.96 1.96 0.00
RAVENSWOOD_GT3_4 24251	41.77 2.25 0.00	38.22 1.75 0.00	35.45 1.53 0.00	35.88 1.41 0.00	34.87 1.31 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.48 3.11 0.00	50.33 3.16 0.00	50.81 3.28 0.00	50.72 3.27 0.00	51.86 3.35 0.00	59.75 3.96 0.00	56.18 3.53 0.00	49.56 3.20 0.00	48.70 3.27 0.00	45.62 2.74 0.00	41.15 2.29 0.00	38.96 1.96 0.00
RAVENSWOOD_GT_1 23729	41.89 2.37 0.00	38.29 1.82 0.00	35.55 1.63 0.00	35.95 1.48 0.00	34.94 1.38 0.00	35.21 1.39 0.00	35.20 1.39 0.00	37.40 1.47 0.00	39.70 1.78 0.00	45.40 2.37 0.00	50.41 2.94 -0.01	50.48 3.13 0.00	49.43 3.06 0.00	50.29 3.11 0.00	50.87 3.33 -0.01	50.67 3.23 0.00	51.87 3.35 -0.01	59.75 3.96 0.00	56.12 3.47 0.00	49.61 3.25 -0.01	48.75 3.32 -0.01	45.67 2.79 -0.01	41.27 2.41 -0.01	39.07 2.07 0.00
RAVENSWOOD_GT_10 24258	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RAVENSWOOD_GT_11 24259	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RAVENSWOOD_GT_4 24252	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 -0.01	50.43 3.08 0.00	49.38 3.01 0.00	50.29 3.11 0.00	50.77 3.23 -0.01	50.67 3.23 0.00	51.77 3.25 -0.01	59.70 3.91 0.00	56.12 3.47 0.00	49.47 3.11 -0.01	48.66 3.23 -0.01	45.54 2.66 -0.01	41.08 2.21 -0.01	38.89 1.89 0.00
RAVENSWOOD_GT_5 24254	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 -0.01	50.43 3.08 0.00	49.38 3.01 0.00	50.29 3.11 0.00	50.77 3.23 -0.01	50.67 3.23 0.00	51.77 3.25 -0.01	59.70 3.91 0.00	56.12 3.47 0.00	49.47 3.11 -0.01	48.66 3.23 -0.01	45.54 2.66 -0.01	41.08 2.21 -0.01	38.89 1.89 0.00
RAVENSWOOD_GT_6 24253	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 -0.01	50.43 3.08 0.00	49.38 3.01 0.00	50.29 3.11 0.00	50.77 3.23 -0.01	50.67 3.23 0.00	51.77 3.25 -0.01	59.70 3.91 0.00	56.12 3.47 0.00	49.47 3.11 -0.01	48.66 3.23 -0.01	45.54 2.66 -0.01	41.08 2.21 -0.01	38.89 1.89 0.00
RAVENSWOOD_GT_7 24255	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.48 1.54 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.36 2.90 -0.01	50.43 3.08 0.00	49.38 3.01 0.00	50.29 3.11 0.00	50.77 3.23 -0.01	50.67 3.23 0.00	51.77 3.25 -0.01	59.70 3.91 0.00	56.12 3.47 0.00	49.47 3.11 -0.01	48.66 3.23 -0.01	45.54 2.66 -0.01	41.08 2.21 -0.01	38.89 1.89 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RAVENSWOOD_GT_9 24257	41.73 2.21 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.44 1.51 0.00	39.70 1.78 0.00	45.44 2.41 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.07 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.69 3.91 0.00	56.07 3.42 0.00	49.47 3.11 0.00	48.65 3.23 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RAVENSWOOD___1 23533	41.85 2.33 0.00	38.26 1.79 0.00	35.55 1.63 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.17 1.35 0.00	37.30 1.37 0.00	39.66 1.75 0.00	45.18 2.15 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.67 3.14 0.00	50.63 3.18 0.00	51.82 3.30 0.00	59.63 3.85 0.00	56.12 3.47 0.00	49.61 3.24 0.00	48.97 3.55 0.00	45.71 2.83 0.00	41.23 2.37 0.00	39.03 2.03 0.00
RAVENSWOOD___2 23534	41.85 2.33 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.92 1.45 0.00	34.91 1.34 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.26 1.33 0.00	39.66 1.75 0.00	45.18 2.15 0.00	50.36 2.90 0.00	50.38 3.03 0.00	49.38 3.01 0.00	50.28 3.11 0.00	50.67 3.14 0.00	50.63 3.18 0.00	51.82 3.30 0.00	59.63 3.85 0.00	56.07 3.42 0.00	49.61 3.24 0.00	48.97 3.55 0.00	45.71 2.83 0.00	41.19 2.33 0.00	39.03 2.03 0.00
RAVENSWOOD___3 23535	41.73 2.21 0.00	38.18 1.71 0.00	35.45 1.53 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.17 1.35 0.00	37.37 1.44 0.00	39.74 1.82 0.00	45.27 2.24 0.00	50.36 2.90 0.00	50.43 3.08 0.00	49.38 3.01 0.00	50.24 3.06 0.00	50.67 3.14 0.00	50.68 3.23 0.00	51.77 3.25 0.00	59.63 3.85 0.00	56.07 3.42 0.00	49.52 3.15 0.00	48.88 3.45 0.00	45.66 2.79 0.00	41.07 2.21 0.00	38.89 1.89 0.00

RAVENSWOOD___4 23820	41.81 2.29 0.00	38.26 1.79 0.00	35.52 1.59 0.00	35.88 1.41 0.00	34.87 1.31 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.26 1.33 0.00	39.66 1.75 0.00	45.18 2.15 0.00	50.35 2.90 0.01	50.38 3.03 0.00	49.38 3.01 0.00	50.28 3.11 0.00	50.61 3.09 0.01	50.63 3.18 0.00	51.76 3.25 0.01	59.63 3.85 0.00	56.07 3.42 0.00	49.55 3.20 0.01	48.92 3.50 0.01	45.66 2.79 0.01	41.18 2.33 0.01	39.00 2.00 0.00
RCPI_TRUST___DRP 24196	41.73 2.21 0.00	38.18 1.71 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.51 1.58 0.00	39.78 1.86 0.00	45.49 2.45 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.43 3.06 0.00	50.33 3.16 0.00	50.76 3.23 0.00	50.72 3.27 0.00	51.82 3.30 0.00	59.75 3.96 0.00	56.12 3.47 0.00	49.47 3.11 0.00	48.61 3.18 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
RED___ROCHESTER 323720	38.33 -1.18 0.00	35.63 -0.84 0.00	33.38 -0.54 0.00	34.02 -0.45 0.00	33.06 -0.50 0.00	33.35 -0.47 0.00	33.27 -0.54 0.00	35.46 -0.47 0.00	36.67 -1.25 0.00	41.18 -1.85 0.00	45.90 -1.57 0.00	45.41 -1.94 0.00	44.56 -1.81 0.00	45.33 -1.84 0.00	45.68 -1.85 0.00	45.60 -1.85 0.00	46.52 -1.99 0.00	53.50 -2.29 0.00	50.81 -1.84 0.00	44.83 -1.53 0.00	43.43 -2.00 0.00	41.29 -1.59 0.00	37.46 -1.40 0.00	36.08 -0.92 0.00
REGAN___SOLAR 323812	44.62 5.10 0.00	41.14 4.67 0.00	38.20 4.27 0.00	38.81 4.34 0.00	37.52 3.96 0.00	37.98 4.16 0.00	38.04 4.23 0.00	40.67 4.74 0.00	43.00 5.08 0.00	49.32 6.28 0.00	55.10 7.64 0.00	55.12 7.77 0.00	53.60 7.23 0.00	54.53 7.36 0.00	55.04 7.51 0.00	54.99 7.55 0.00	56.43 7.91 0.00	65.05 9.26 0.00	61.07 8.42 0.00	53.55 7.19 0.00	52.47 7.04 0.00	48.93 6.05 0.00	43.71 4.86 0.00	41.59 4.59 0.00
RENSSELAER___COGEN 23796	40.11 0.59 0.00	36.98 0.51 0.00	34.40 0.47 0.00	34.92 0.45 0.00	33.97 0.40 0.00	34.26 0.44 0.00	34.32 0.51 0.00	36.36 0.43 0.00	38.45 0.53 0.00	43.81 0.78 0.00	48.60 1.14 0.00	48.58 1.23 0.00	47.53 1.16 0.00	48.35 1.18 0.00	48.77 1.23 0.00	48.68 1.23 0.00	49.78 1.26 0.00	57.24 1.45 0.00	53.91 1.26 0.00	47.47 1.11 0.00	46.66 1.23 0.00	43.82 0.94 0.00	39.44 0.58 0.00	37.48 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.23 3.71 0.00	39.72 3.25 0.00	36.87 2.95 0.00	37.47 3.00 0.00	36.32 2.75 0.00	36.59 2.77 0.00	36.65 2.84 0.00	38.98 3.05 0.00	41.48 3.56 0.00	48.03 4.99 0.00	53.44 5.98 0.00	53.36 6.01 0.00	51.93 5.56 0.00	52.74 5.57 0.00	52.90 5.37 0.00	52.67 5.22 0.00	53.95 5.43 0.00	62.32 6.53 0.00	58.55 5.90 0.00	51.28 4.91 0.00	50.38 4.95 0.00	46.82 3.94 0.00	41.92 3.07 0.00	39.85 2.85 0.00
REVERE_CPPR_DRP 24186	40.59 1.07 0.00	37.56 1.09 0.00	34.87 0.95 0.00	35.47 1.00 0.00	34.57 1.01 0.00	34.90 1.08 0.00	34.79 0.98 0.00	37.01 1.08 0.00	39.13 1.21 0.00	44.88 1.85 0.00	49.69 2.23 0.00	49.39 2.04 0.00	48.41 2.04 0.00	49.29 2.12 0.00	49.67 2.14 0.00	49.44 1.99 0.00	50.65 2.13 0.00	58.19 2.40 0.00	54.86 2.21 0.00	48.22 1.85 0.00	47.06 1.64 0.00	44.21 1.33 0.00	39.90 1.05 0.00	38.00 1.00 0.00
REYNOLDS_115KV_TB3 80639	40.47 0.95 0.00	37.35 0.88 0.00	34.70 0.78 0.00	35.26 0.79 0.00	34.30 0.74 0.00	34.56 0.74 0.00	34.62 0.81 0.00	36.72 0.79 0.00	38.83 0.91 0.00	44.33 1.29 0.00	49.07 1.61 0.00	49.05 1.70 0.00	47.99 1.62 0.00	48.82 1.65 0.00	49.24 1.71 0.00	49.16 1.71 0.00	50.21 1.70 0.00	57.85 2.06 0.00	54.44 1.79 0.00	47.94 1.58 0.00	47.02 1.59 0.00	44.16 1.29 0.00	39.83 0.97 0.00	37.85 0.85 0.00
RIVERBAY____ 323610	42.64 3.12 0.00	38.99 2.52 0.00	36.20 2.27 0.00	36.61 2.14 0.00	35.54 1.98 0.00	35.75 1.93 0.00	35.57 1.76 0.00	37.65 1.72 0.00	40.00 2.09 0.00	45.75 2.71 0.00	50.83 3.37 0.00	50.85 3.50 0.00	49.85 3.48 0.00	50.71 3.54 0.00	51.29 3.76 0.00	51.10 3.65 0.00	52.30 3.78 0.00	60.25 4.46 0.00	56.55 3.90 0.00	49.98 3.62 0.00	49.15 3.73 0.00	46.09 3.22 0.00	41.89 3.03 0.00	39.78 2.78 0.00
RIVERSDE_115KV_TB3 55908	40.35 0.83 0.00	37.20 0.73 0.00	34.57 0.64 0.00	35.13 0.65 0.00	34.17 0.60 0.00	34.43 0.61 0.00	34.49 0.68 0.00	36.58 0.65 0.00	38.68 0.76 0.00	44.15 1.12 0.00	48.93 1.47 0.00	48.87 1.52 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.05 1.52 0.00	48.97 1.52 0.00	50.02 1.50 0.00	57.63 1.84 0.00	54.23 1.58 0.00	47.75 1.39 0.00	46.84 1.41 0.00	43.99 1.11 0.00	39.67 0.82 0.00	37.70 0.70 0.00
ROARING___BROOK_WT_PWR 323790	39.40 -0.12 0.00	36.40 -0.07 0.00	33.86 -0.07 0.00	34.40 -0.07 0.00	33.53 -0.03 0.00	33.75 -0.07 0.00	33.75 -0.07 0.00	35.86 -0.07 0.00	37.88 -0.04 0.00	42.99 -0.04 0.00	47.22 -0.24 0.00	47.16 -0.19 0.00	46.18 -0.18 0.00	47.03 -0.14 0.00	47.34 -0.19 0.00	47.26 -0.19 0.00	48.37 -0.15 0.00	55.57 -0.22 0.00	52.44 -0.21 0.00	46.18 -0.18 0.00	45.25 -0.18 0.00	42.79 -0.09 0.00	38.85 0.00 0.00	37.00 0.00 0.00
ROCHESRG_115KV_T4 355643	37.94 -1.58 0.00	35.27 -1.20 0.00	32.84 -1.09 0.00	33.44 -1.03 0.00	32.72 -0.84 0.00	33.04 -0.78 0.00	32.97 -0.85 0.00	34.96 -0.97 0.00	36.29 -1.63 0.00	41.87 -1.16 0.00	45.32 -2.14 0.00	44.84 -2.51 0.00	44.00 -2.36 0.00	44.72 -2.45 0.00	44.92 -2.61 0.00	45.03 -2.42 0.00	45.94 -2.57 0.00	53.00 -2.79 0.00	50.07 -2.58 0.00	44.18 -2.18 0.00	43.11 -2.32 0.00	40.39 -2.49 0.00	37.03 -1.83 0.00	35.71 -1.30 0.00
ROCHESTER_9_IC 23652	38.14 -1.38 0.00	35.49 -0.98 0.00	33.01 -0.92 0.00	33.64 -0.83 0.00	32.93 -0.64 0.00	33.21 -0.61 0.00	33.14 -0.68 0.00	35.18 -0.75 0.00	36.48 -1.44 0.00	42.13 -0.90 0.00	45.66 -1.80 0.00	45.12 -2.23 0.00	44.28 -2.09 0.00	45.05 -2.12 0.00	45.25 -2.28 0.00	45.31 -2.14 0.00	46.28 -2.23 0.00	53.39 -2.40 0.00	50.44 -2.21 0.00	44.46 -1.90 0.00	43.43 -2.00 0.00	40.65 -2.23 0.00	37.26 -1.59 0.00	35.89 -1.11 0.00
ROCKVIEW_13_KV_LD 356306	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.23 1.42 0.00	37.58 1.65 0.00	39.81 1.90 0.00	45.53 2.50 0.00	50.50 3.04 0.00	50.57 3.22 0.00	49.52 3.15 0.00	50.38 3.21 0.00	50.86 3.33 0.00	50.82 3.37 0.00	51.91 3.40 0.00	59.81 4.02 0.00	56.23 3.58 0.00	49.56 3.20 0.00	48.70 3.27 0.00	45.58 2.70 0.00	41.07 2.21 0.00	38.89 1.89 0.00
ROME_____115KV_TB2 80656	40.59 1.07 0.00	37.56 1.09 0.00	34.87 0.95 0.00	35.47 1.00 0.00	34.57 1.01 0.00	34.90 1.08 0.00	34.79 0.98 0.00	37.01 1.08 0.00	39.13 1.21 0.00	44.88 1.85 0.00	49.69 2.23 0.00	49.39 2.04 0.00	48.41 2.04 0.00	49.29 2.12 0.00	49.67 2.14 0.00	49.44 1.99 0.00	50.65 2.13 0.00	58.19 2.40 0.00	54.86 2.21 0.00	48.22 1.85 0.00	47.06 1.64 0.00	44.21 1.33 0.00	39.90 1.05 0.00	38.00 1.00 0.00

ROSETON___1 23587	41.22 1.70 0.00	37.82 1.35 0.00	35.11 1.19 0.00	35.57 1.10 0.00	34.61 1.04 0.00	34.90 1.08 0.00	34.93 1.11 0.00	37.15 1.22 0.00	39.36 1.44 0.00	44.80 1.77 0.00	49.79 2.32 0.00	49.81 2.46 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.05 2.52 0.00	50.01 2.56 0.00	51.13 2.62 0.00	58.85 3.07 0.00	55.44 2.79 0.00	48.86 2.50 0.00	48.11 2.68 0.00	44.98 2.10 0.00	40.49 1.63 0.00	38.41 1.41 0.00
ROSETON___2 23588	41.22 1.70 0.00	37.82 1.35 0.00	35.11 1.19 0.00	35.57 1.10 0.00	34.61 1.04 0.00	34.90 1.08 0.00	34.93 1.11 0.00	37.15 1.22 0.00	39.36 1.44 0.00	44.80 1.77 0.00	49.79 2.32 0.00	49.81 2.46 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.05 2.52 0.00	50.01 2.56 0.00	51.13 2.62 0.00	58.85 3.07 0.00	55.44 2.79 0.00	48.86 2.50 0.00	48.11 2.68 0.00	44.98 2.10 0.00	40.49 1.63 0.00	38.41 1.41 0.00
ROTTTRDAM_115KV_TB3 80664	40.74 1.23 0.00	37.56 1.09 0.00	34.91 0.98 0.00	35.47 1.00 0.00	34.47 0.91 0.00	34.73 0.91 0.00	34.76 0.95 0.00	36.94 1.01 0.00	39.06 1.14 0.00	44.58 1.55 0.00	49.31 1.85 0.00	49.24 1.89 0.00	48.22 1.85 0.00	49.01 1.84 0.00	49.43 1.90 0.00	49.30 1.85 0.00	50.46 1.94 0.00	58.13 2.34 0.00	54.70 2.05 0.00	48.12 1.76 0.00	47.20 1.77 0.00	44.34 1.46 0.00	40.02 1.17 0.00	38.04 1.04 0.00
RUSSELL___1 23602	38.33 -1.19 0.00	35.63 -0.84 0.00	33.14 -0.78 0.00	33.78 -0.69 0.00	33.06 -0.50 0.00	33.35 -0.47 0.00	33.27 -0.54 0.00	35.32 -0.61 0.00	36.67 -1.25 0.00	42.35 -0.69 0.00	45.89 -1.57 0.00	45.41 -1.94 0.00	44.56 -1.81 0.00	45.33 -1.84 0.00	45.49 -2.04 0.00	45.60 -1.85 0.00	46.58 -1.94 0.00	53.72 -2.06 0.00	50.81 -1.84 0.00	44.78 -1.58 0.00	43.70 -1.73 0.00	40.91 -1.97 0.00	37.46 -1.40 0.00	36.08 -0.93 0.00
RUSSELL___2 23532	38.33 -1.19 0.00	35.63 -0.84 0.00	33.14 -0.78 0.00	33.78 -0.69 0.00	33.06 -0.50 0.00	33.35 -0.47 0.00	33.27 -0.54 0.00	35.32 -0.61 0.00	36.67 -1.25 0.00	42.35 -0.69 0.00	45.89 -1.57 0.00	45.41 -1.94 0.00	44.56 -1.81 0.00	45.33 -1.84 0.00	45.49 -2.04 0.00	45.60 -1.85 0.00	46.58 -1.94 0.00	53.72 -2.06 0.00	50.81 -1.84 0.00	44.78 -1.58 0.00	43.70 -1.73 0.00	40.91 -1.97 0.00	37.46 -1.40 0.00	36.08 -0.93 0.00
RUSSELL___3 23549	38.33 -1.19 0.00	35.63 -0.84 0.00	33.14 -0.78 0.00	33.78 -0.69 0.00	33.06 -0.50 0.00	33.35 -0.47 0.00	33.27 -0.54 0.00	35.32 -0.61 0.00	36.67 -1.25 0.00	42.35 -0.69 0.00	45.89 -1.57 0.00	45.41 -1.94 0.00	44.56 -1.81 0.00	45.33 -1.84 0.00	45.49 -2.04 0.00	45.60 -1.85 0.00	46.58 -1.94 0.00	53.72 -2.06 0.00	50.81 -1.84 0.00	44.78 -1.58 0.00	43.70 -1.73 0.00	40.91 -1.97 0.00	37.46 -1.40 0.00	36.08 -0.93 0.00
RUSSELL___4 23556	38.33 -1.19 0.00	35.63 -0.84 0.00	33.14 -0.78 0.00	33.78 -0.69 0.00	33.06 -0.50 0.00	33.35 -0.47 0.00	33.27 -0.54 0.00	35.32 -0.61 0.00	36.67 -1.25 0.00	42.35 -0.69 0.00	45.89 -1.57 0.00	45.41 -1.94 0.00	44.56 -1.81 0.00	45.33 -1.84 0.00	45.49 -2.04 0.00	45.60 -1.85 0.00	46.58 -1.94 0.00	53.72 -2.06 0.00	50.81 -1.84 0.00	44.78 -1.58 0.00	43.70 -1.73 0.00	40.91 -1.97 0.00	37.46 -1.40 0.00	36.08 -0.93 0.00
RUSSELL___STATION 23914	38.33 -1.19 0.00	35.63 -0.84 0.00	33.14 -0.78 0.00	33.78 -0.69 0.00	33.06 -0.50 0.00	33.35 -0.47 0.00	33.27 -0.54 0.00	35.32 -0.61 0.00	36.67 -1.25 0.00	42.35 -0.69 0.00	45.89 -1.57 0.00	45.41 -1.94 0.00	44.56 -1.81 0.00	45.33 -1.84 0.00	45.49 -2.04 0.00	45.60 -1.85 0.00	46.58 -1.94 0.00	53.72 -2.06 0.00	50.81 -1.84 0.00	44.78 -1.58 0.00	43.70 -1.73 0.00	40.91 -1.97 0.00	37.46 -1.40 0.00	36.08 -0.93 0.00
S SALMON___HYD 24043	38.73 -0.79 0.00	35.78 -0.69 0.00	33.28 -0.65 0.00	33.85 -0.62 0.00	32.96 -0.60 0.00	33.21 -0.61 0.00	33.10 -0.71 0.00	35.25 -0.68 0.00	37.20 -0.72 0.00	42.34 -0.69 0.00	47.03 -0.43 0.00	46.83 -0.52 0.00	45.82 -0.55 0.00	46.65 -0.52 0.00	47.01 -0.52 0.00	46.78 -0.66 0.00	47.88 -0.63 0.00	55.12 -0.67 0.00	52.07 -0.58 0.00	45.81 -0.55 0.00	44.75 -0.68 0.00	42.19 -0.69 0.00	38.04 -0.82 0.00	36.26 -0.74 0.00
S.PERRY___115KV_TB1 80734	39.87 0.36 0.00	37.16 0.69 0.00	34.60 0.68 0.00	35.26 0.79 0.00	34.54 0.97 0.00	34.83 1.01 0.00	34.79 0.98 0.00	36.94 1.01 0.00	38.30 0.38 0.00	44.15 1.12 0.00	47.70 0.24 0.00	47.11 -0.24 0.00	46.14 -0.23 0.00	46.89 -0.28 0.00	47.01 -0.52 0.00	47.31 -0.14 0.00	48.56 0.05 0.00	56.12 0.33 0.00	53.18 0.53 0.00	46.78 0.42 0.00	45.52 0.09 0.00	42.54 -0.34 0.00	38.93 0.08 0.00	37.56 0.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.58 -1.94 0.00	35.12 -1.35 0.00	32.70 -1.22 0.00	33.40 -1.07 0.00	32.79 -0.77 0.00	33.08 -0.74 0.00	32.93 -0.88 0.00	34.89 -1.04 0.00	35.72 -2.20 0.00	41.44 -1.59 0.00	44.28 -3.18 0.00	43.37 -3.98 0.00	42.71 -3.66 0.00	43.30 -3.87 0.00	43.40 -4.14 0.00	43.65 -3.80 0.00	44.39 -4.12 0.00	51.44 -4.35 0.00	48.54 -4.11 0.00	42.88 -3.48 0.00	41.88 -3.54 0.00	39.15 -3.73 0.00	36.33 -2.53 0.00	35.41 -1.59 0.00
SAWYER___23_KV_LOAD 55526	37.58 -1.94 0.00	35.12 -1.35 0.00	32.70 -1.22 0.00	33.40 -1.07 0.00	32.79 -0.77 0.00	33.08 -0.74 0.00	32.93 -0.88 0.00	34.89 -1.04 0.00	35.72 -2.20 0.00	41.44 -1.59 0.00	44.28 -3.18 0.00	43.37 -3.98 0.00	42.71 -3.66 0.00	43.30 -3.87 0.00	43.40 -4.14 0.00	43.65 -3.80 0.00	44.39 -4.12 0.00	51.44 -4.35 0.00	48.54 -4.11 0.00	42.88 -3.48 0.00	41.88 -3.54 0.00	39.15 -3.73 0.00	36.33 -2.53 0.00	35.41 -1.59 0.00
SELKIRK___I 23801	40.59 1.07 0.00	37.42 0.95 0.00	34.80 0.88 0.00	35.33 0.86 0.00	34.40 0.84 0.00	34.63 0.81 0.00	34.66 0.85 0.00	36.79 0.86 0.00	38.87 0.95 0.00	44.24 1.20 0.00	49.12 1.66 0.00	49.05 1.70 0.00	47.99 1.62 0.00	48.82 1.65 0.00	49.19 1.66 0.00	49.11 1.66 0.00	50.21 1.70 0.00	57.74 1.95 0.00	54.38 1.73 0.00	47.89 1.53 0.00	47.06 1.63 0.00	44.21 1.33 0.00	39.83 0.97 0.00	37.89 0.89 0.00
SELKIRK___II 23799	40.31 0.79 0.00	37.16 0.69 0.00	34.53 0.61 0.00	35.09 0.62 0.00	34.13 0.57 0.00	34.39 0.57 0.00	34.45 0.64 0.00	36.54 0.61 0.00	38.60 0.68 0.00	43.94 0.91 0.00	48.79 1.33 0.00	48.72 1.37 0.00	47.72 1.35 0.00	48.54 1.37 0.00	48.91 1.38 0.00	48.82 1.38 0.00	49.92 1.41 0.00	57.46 1.67 0.00	54.12 1.47 0.00	47.66 1.30 0.00	46.79 1.36 0.00	43.95 1.07 0.00	39.63 0.78 0.00	37.67 0.67 0.00
SENECA OSWGO___HYD 24041	38.37 -1.15 0.00	35.49 -0.98 0.00	33.01 -0.91 0.00	33.57 -0.90 0.00	32.69 -0.87 0.00	32.91 -0.91 0.00	32.90 -0.91 0.00	35.00 -0.93 0.00	36.86 -1.06 0.00	41.83 -1.20 0.00	46.46 -1.00 0.00	46.31 -1.04 0.00	45.31 -1.06 0.00	46.09 -1.08 0.00	46.44 -1.09 0.00	46.31 -1.14 0.00	47.35 -1.16 0.00	54.45 -1.34 0.00	51.44 -1.21 0.00	45.30 -1.06 0.00	44.20 -1.22 0.00	41.72 -1.16 0.00	37.69 -1.16 0.00	35.96 -1.04 0.00

SENECA___115KV_TB3 355854	38.29 -1.23 0.00	35.78 -0.69 0.00	33.31 -0.61 0.00	34.02 -0.45 0.00	33.36 -0.20 0.00	33.65 -0.17 0.00	33.54 -0.27 0.00	35.53 -0.40 0.00	36.44 -1.48 0.00	42.26 -0.77 0.00	45.18 -2.28 0.00	44.32 -3.03 0.00	43.59 -2.78 0.00	44.25 -2.92 0.00	44.35 -3.18 0.00	44.55 -2.89 0.00	45.36 -3.15 0.00	52.55 -3.24 0.00	49.60 -3.05 0.00	43.81 -2.55 0.00	42.75 -2.68 0.00	39.96 -2.92 0.00	37.03 -1.83 0.00	36.08 -0.93 0.00
SENECA___ENERGY 23797	38.73 -0.79 0.00	35.96 -0.51 0.00	33.55 -0.37 0.00	34.13 -0.34 0.00	33.20 -0.37 0.00	33.48 -0.34 0.00	33.51 -0.30 0.00	35.68 -0.25 0.00	37.35 -0.57 0.00	42.09 -0.95 0.00	46.84 -0.62 0.00	46.54 -0.81 0.00	45.54 -0.83 0.00	46.32 -0.85 0.00	46.68 -0.85 0.00	46.60 -0.85 0.00	47.69 -0.83 0.00	54.89 -0.89 0.00	51.96 -0.69 0.00	45.71 -0.65 0.00	44.47 -0.96 0.00	42.06 -0.82 0.00	38.08 -0.78 0.00	36.45 -0.55 0.00
SHOEMAKER___GT 23640	41.06 1.54 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.47 1.00 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.79 0.98 0.00	36.93 1.00 0.00	39.13 1.21 0.00	44.45 1.42 0.00	49.41 1.95 0.00	49.43 2.08 0.00	48.41 2.04 0.00	49.24 2.07 0.00	49.67 2.14 0.00	49.68 2.23 0.00	50.80 2.28 0.00	58.47 2.68 0.00	55.12 2.48 0.00	48.54 2.18 0.00	47.70 2.27 0.00	44.64 1.76 0.00	40.21 1.36 0.00	38.18 1.18 0.00
SHOEMAKR_138KV_BK 111 55601	41.02 1.50 0.00	37.64 1.17 0.00	34.98 1.05 0.00	35.44 0.97 0.00	34.47 0.91 0.00	34.77 0.95 0.00	34.76 0.95 0.00	36.97 1.04 0.00	39.09 1.18 0.00	44.63 1.59 0.00	49.41 1.95 0.00	49.43 2.08 0.00	48.41 2.04 0.00	49.25 2.08 0.00	49.72 2.19 0.00	49.63 2.18 0.00	50.75 2.23 0.00	58.47 2.68 0.00	55.07 2.42 0.00	48.49 2.13 0.00	47.56 2.14 0.00	44.55 1.67 0.00	40.18 1.32 0.00	38.15 1.15 0.00
SHOREHAM_IC_1 23715	47.34 3.68 -4.14	39.46 2.99 0.00	36.67 2.75 0.00	36.88 2.41 0.00	36.01 2.45 0.00	36.59 2.67 -0.10	36.48 2.67 0.00	40.39 2.95 -1.51	43.67 3.22 -2.53	51.75 3.70 -5.01	53.78 4.98 -1.33	54.50 4.97 -2.18	55.12 4.91 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.73 5.27 -3.02	58.78 5.58 -4.69	66.95 6.19 -4.96	57.91 5.26 0.00	54.59 4.59 -3.63	54.65 5.31 -3.91	53.66 4.54 -6.24	51.87 3.69 -9.33	47.27 3.26 -7.01
SHOREHAM_IC_2 23716	47.34 3.68 -4.14	39.46 2.99 0.00	36.67 2.75 0.00	36.88 2.41 0.00	36.01 2.45 0.00	36.59 2.67 -0.10	36.48 2.67 0.00	40.39 2.95 -1.51	43.67 3.22 -2.53	51.75 3.70 -5.01	53.78 4.98 -1.33	54.50 4.97 -2.18	55.12 4.91 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.73 5.27 -3.02	58.78 5.58 -4.69	66.95 6.19 -4.96	57.91 5.26 0.00	54.59 4.59 -3.63	54.65 5.31 -3.91	53.66 4.54 -6.24	51.87 3.69 -9.33	47.27 3.26 -7.01
SISSONVILLE____ 23735	38.81 -0.71 0.00	35.81 -0.66 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.37 -0.44 0.00	35.28 -0.65 0.00	37.43 -0.49 0.00	42.00 -1.03 0.00	46.37 -1.09 0.00	46.26 -1.09 0.00	45.30 -1.07 0.00	46.13 -1.04 0.00	46.44 -1.09 0.00	46.31 -1.14 0.00	47.45 -1.07 0.00	54.28 -1.51 0.00	51.54 -1.11 0.00	45.34 -1.02 0.00	44.47 -0.95 0.00	42.24 -0.64 0.00	38.31 -0.54 0.00	36.45 -0.56 0.00
SITHE_IND_GS1 24169	37.90 -1.62 0.00	35.05 -1.42 0.00	32.63 -1.29 0.00	33.20 -1.27 0.00	32.29 -1.28 0.00	32.53 -1.29 0.00	32.53 -1.28 0.00	34.60 -1.33 0.00	36.40 -1.52 0.00	41.27 -1.77 0.00	45.71 -1.76 0.00	45.55 -1.80 0.00	44.61 -1.76 0.00	45.38 -1.79 0.00	45.73 -1.81 0.00	45.65 -1.80 0.00	46.62 -1.89 0.00	53.61 -2.18 0.00	50.65 -2.00 0.00	44.60 -1.76 0.00	43.61 -1.82 0.00	41.16 -1.72 0.00	37.26 -1.59 0.00	35.56 -1.44 0.00
SITHE_IND_GS2 24170	37.90 -1.62 0.00	35.05 -1.42 0.00	32.63 -1.29 0.00	33.20 -1.27 0.00	32.29 -1.28 0.00	32.53 -1.29 0.00	32.53 -1.28 0.00	34.60 -1.33 0.00	36.40 -1.52 0.00	41.27 -1.77 0.00	45.71 -1.76 0.00	45.55 -1.80 0.00	44.61 -1.76 0.00	45.38 -1.79 0.00	45.73 -1.81 0.00	45.65 -1.80 0.00	46.62 -1.89 0.00	53.61 -2.18 0.00	50.65 -2.00 0.00	44.60 -1.76 0.00	43.61 -1.82 0.00	41.16 -1.72 0.00	37.26 -1.59 0.00	35.56 -1.44 0.00
SITHE_IND_GS3 24171	37.90 -1.62 0.00	35.05 -1.42 0.00	32.63 -1.29 0.00	33.20 -1.27 0.00	32.29 -1.28 0.00	32.53 -1.29 0.00	32.53 -1.28 0.00	34.60 -1.33 0.00	36.40 -1.52 0.00	41.27 -1.77 0.00	45.71 -1.76 0.00	45.55 -1.80 0.00	44.61 -1.76 0.00	45.38 -1.79 0.00	45.73 -1.81 0.00	45.65 -1.80 0.00	46.62 -1.89 0.00	53.61 -2.18 0.00	50.65 -2.00 0.00	44.60 -1.76 0.00	43.61 -1.82 0.00	41.16 -1.72 0.00	37.26 -1.59 0.00	35.56 -1.44 0.00
SITHE_IND_GS4 24172	37.90 -1.62 0.00	35.05 -1.42 0.00	32.63 -1.29 0.00	33.20 -1.27 0.00	32.29 -1.28 0.00	32.53 -1.29 0.00	32.53 -1.28 0.00	34.60 -1.33 0.00	36.40 -1.52 0.00	41.27 -1.77 0.00	45.71 -1.76 0.00	45.55 -1.80 0.00	44.61 -1.76 0.00	45.38 -1.79 0.00	45.73 -1.81 0.00	45.65 -1.80 0.00	46.62 -1.89 0.00	53.61 -2.18 0.00	50.65 -2.00 0.00	44.60 -1.76 0.00	43.61 -1.82 0.00	41.16 -1.72 0.00	37.26 -1.59 0.00	35.56 -1.44 0.00
SITHE___BATAVIA 24024	38.37 -1.15 0.00	35.81 -0.66 0.00	33.69 -0.24 0.00	34.40 -0.07 0.00	33.33 -0.23 0.00	33.68 -0.13 0.00	33.51 -0.30 0.00	35.72 -0.21 0.00	36.56 -1.36 0.00	40.75 -2.28 0.00	45.51 -1.95 0.00	44.79 -2.56 0.00	43.91 -2.46 0.00	44.67 -2.50 0.00	45.06 -2.47 0.00	44.98 -2.47 0.00	45.90 -2.62 0.00	52.77 -3.01 0.00	50.23 -2.42 0.00	44.42 -1.95 0.00	42.84 -2.59 0.00	40.91 -1.97 0.00	37.22 -1.63 0.00	36.11 -0.89 0.00
SITHE___INDEPEND 23800	37.90 -1.62 0.00	35.05 -1.42 0.00	32.60 -1.32 0.00	33.16 -1.31 0.00	32.29 -1.28 0.00	32.53 -1.29 0.00	32.53 -1.28 0.00	34.56 -1.37 0.00	36.40 -1.52 0.00	41.53 -1.51 0.00	45.70 -1.76 0.00	45.55 -1.80 0.00	44.61 -1.76 0.00	45.38 -1.79 0.00	45.68 -1.85 0.00	45.65 -1.80 0.00	46.62 -1.89 0.00	53.67 -2.12 0.00	50.65 -2.00 0.00	44.60 -1.76 0.00	43.66 -1.77 0.00	41.08 -1.80 0.00	37.26 -1.59 0.00	35.56 -1.44 0.00
SITHE___MASSENA 23902	39.72 0.20 0.00	36.69 0.22 0.00	34.26 0.34 0.00	34.85 0.38 0.00	33.93 0.37 0.00	34.19 0.37 0.00	34.15 0.34 0.00	36.11 0.18 0.00	38.19 0.27 0.00	43.29 0.26 0.00	47.22 -0.24 0.00	47.16 -0.19 0.00	46.09 -0.28 0.00	46.98 -0.19 0.00	47.30 -0.24 0.00	47.21 -0.24 0.00	48.32 -0.19 0.00	55.40 -0.39 0.00	52.44 -0.21 0.00	46.08 -0.28 0.00	45.20 -0.23 0.00	42.88 0.00 0.00	39.13 0.27 0.00	37.29 0.29 0.00
SITHE___OGDNSBRG 24021	39.84 0.32 0.00	36.80 0.33 0.00	34.36 0.44 0.00	34.95 0.48 0.00	34.07 0.50 0.00	34.33 0.51 0.00	34.22 0.41 0.00	36.22 0.29 0.00	38.41 0.49 0.00	43.12 0.09 0.00	47.60 0.14 0.00	47.49 0.14 0.00	46.46 0.09 0.00	47.36 0.19 0.00	47.63 0.10 0.00	47.50 0.05 0.00	48.66 0.15 0.00	55.68 -0.11 0.00	52.86 0.21 0.00	46.50 0.14 0.00	45.56 0.14 0.00	43.31 0.43 0.00	39.28 0.43 0.00	37.37 0.37 0.00

SITHE___STERLING 23777	40.31 0.79 0.00	37.27 0.80 0.00	34.67 0.75 0.00	35.26 0.79 0.00	34.34 0.77 0.00	34.67 0.85 0.00	34.59 0.78 0.00	36.83 0.90 0.00	38.87 0.95 0.00	44.28 1.25 0.00	49.22 1.76 0.00	48.96 1.61 0.00	47.99 1.62 0.00	48.87 1.70 0.00	49.24 1.71 0.00	49.06 1.61 0.00	50.17 1.65 0.00	57.57 1.78 0.00	54.33 1.68 0.00	47.80 1.44 0.00	46.66 1.23 0.00	43.91 1.03 0.00	39.59 0.74 0.00	37.74 0.74 0.00
SLEIGHT__34_KV_TB1 80719	38.25 -1.26 0.00	35.52 -0.95 0.00	33.04 -0.88 0.00	33.64 -0.83 0.00	32.86 -0.70 0.00	33.14 -0.68 0.00	33.10 -0.71 0.00	35.18 -0.75 0.00	36.78 -1.14 0.00	42.35 -0.69 0.00	46.27 -1.19 0.00	45.93 -1.42 0.00	44.93 -1.44 0.00	45.76 -1.42 0.00	45.96 -1.57 0.00	45.98 -1.47 0.00	47.01 -1.50 0.00	54.11 -1.67 0.00	51.12 -1.53 0.00	45.02 -1.34 0.00	43.93 -1.50 0.00	41.16 -1.72 0.00	37.53 -1.32 0.00	36.00 -1.00 0.00
SOUTH CAIRO___GT 23612	41.81 2.29 0.00	38.66 2.19 0.00	35.92 2.00 0.00	36.47 2.00 0.00	35.41 1.84 0.00	35.71 1.89 0.00	35.54 1.72 0.00	37.58 1.65 0.00	39.66 1.75 0.00	45.14 2.11 0.00	50.26 2.80 0.00	50.24 2.89 0.00	49.20 2.83 0.00	50.05 2.88 0.00	50.34 2.80 0.00	50.39 2.94 0.00	51.57 3.06 0.00	59.36 3.57 0.00	56.02 3.37 0.00	49.10 2.73 0.00	48.11 2.68 0.00	45.15 2.27 0.00	40.52 1.67 0.00	38.59 1.59 0.00
SOUTH HAMPTN___IC 23720	47.85 4.19 -4.14	39.90 3.43 0.00	37.08 3.16 0.00	37.26 2.79 0.00	36.41 2.85 0.00	37.03 3.11 -0.10	36.89 3.08 0.00	40.82 3.38 -1.51	44.13 3.68 -2.53	52.35 4.30 -5.01	54.44 5.65 -1.33	55.21 5.68 -2.18	55.81 5.61 -3.83	56.29 5.71 -3.41	56.03 5.80 -2.70	56.39 5.93 -3.02	59.51 6.30 -4.69	67.84 7.09 -4.96	58.75 6.10 0.00	55.32 5.33 -3.63	55.24 5.90 -3.91	54.18 5.06 -6.24	52.34 4.16 -9.33	47.71 3.70 -7.01
SOUTHDOW_115KV_TB1 355954	40.03 0.51 0.00	37.38 0.91 0.00	34.84 0.92 0.00	35.54 1.07 0.00	34.84 1.28 0.00	35.14 1.32 0.00	35.10 1.28 0.00	37.30 1.37 0.00	38.37 0.46 0.00	44.24 1.20 0.00	47.51 0.05 0.00	46.73 -0.62 0.00	45.77 -0.60 0.00	46.56 -0.61 0.00	46.53 -1.00 0.00	46.69 -0.76 0.00	47.59 -0.92 0.00	55.12 -0.67 0.00	52.02 -0.63 0.00	45.76 -0.60 0.00	44.66 -0.77 0.00	41.72 -1.16 0.00	38.58 -0.27 0.00	37.56 0.56 0.00
SOUTHOLD_69_KV_BK 2 55809	48.56 4.90 -4.14	40.52 4.05 0.00	37.66 3.73 0.00	37.85 3.38 0.00	37.02 3.46 0.00	37.64 3.72 -0.10	37.50 3.69 0.00	41.53 4.10 -1.51	44.81 4.36 -2.53	53.42 5.38 -5.01	55.39 6.60 -1.33	56.16 6.63 -2.18	56.74 6.54 -3.83	57.23 6.65 -3.41	56.98 6.75 -2.70	57.34 6.88 -3.02	60.58 7.37 -4.69	69.29 8.54 -4.96	59.91 7.27 0.00	56.25 6.26 -3.63	55.97 6.63 -3.91	54.87 5.75 -6.24	53.08 4.90 -9.33	48.38 4.37 -7.01
SOUTHOLD___IC 23719	48.56 4.90 -4.14	40.52 4.05 0.00	37.66 3.73 0.00	37.85 3.38 0.00	37.02 3.46 0.00	37.64 3.72 -0.10	37.50 3.69 0.00	41.50 4.06 -1.51	44.81 4.36 -2.53	53.16 5.12 -5.01	55.39 6.59 -1.33	56.16 6.63 -2.18	56.74 6.54 -3.83	57.24 6.65 -3.41	56.98 6.75 -2.70	57.34 6.88 -3.02	60.58 7.37 -4.69	69.18 8.42 -4.96	59.92 7.27 0.00	56.30 6.30 -3.63	56.11 6.77 -3.91	55.00 5.87 -6.24	53.04 4.86 -9.33	48.37 4.36 -7.01
SOUTH_FORK_WT_PWR 323839	48.64 4.98 -4.14	40.55 4.08 0.00	37.72 3.80 0.00	37.92 3.45 0.00	37.05 3.49 0.00	37.71 3.79 -0.10	37.57 3.75 0.00	41.53 4.09 -1.51	44.89 4.43 -2.53	53.25 5.21 -5.01	55.49 6.69 -1.33	56.25 6.72 -2.18	56.79 6.58 -3.83	57.28 6.70 -3.41	57.03 6.80 -2.70	57.39 6.93 -3.02	60.63 7.42 -4.69	69.29 8.54 -4.96	59.97 7.32 0.00	56.39 6.40 -3.63	56.20 6.86 -3.91	55.08 5.96 -6.24	53.12 4.94 -9.33	48.45 4.44 -7.01
SPIERFLS_115KV_TB 1 80737	41.18 1.66 0.00	37.93 1.46 0.00	35.18 1.26 0.00	35.78 1.31 0.00	34.70 1.14 0.00	34.90 1.08 0.00	34.96 1.15 0.00	37.01 1.08 0.00	39.25 1.33 0.00	45.14 2.11 0.00	50.12 2.66 0.00	50.05 2.70 0.00	48.87 2.50 0.00	49.67 2.50 0.00	50.00 2.47 0.00	49.82 2.37 0.00	50.99 2.47 0.00	58.80 3.01 0.00	55.33 2.69 0.00	48.59 2.23 0.00	47.65 2.23 0.00	44.55 1.67 0.00	40.02 1.17 0.00	38.04 1.04 0.00
ST LAWRENCE____ 23600	39.44 -0.08 0.00	36.40 -0.07 0.00	33.92 0.00 0.00	34.47 0.00 0.00	33.56 0.00 0.00	33.85 0.03 0.00	33.81 0.00 0.00	35.86 -0.07 0.00	37.92 0.00 0.00	42.99 -0.04 0.00	46.84 -0.62 0.00	46.73 -0.62 0.00	45.77 -0.60 0.00	46.56 -0.61 0.00	46.91 -0.62 0.00	46.83 -0.62 0.00	47.88 -0.63 0.00	55.01 -0.78 0.00	52.02 -0.63 0.00	45.71 -0.65 0.00	44.84 -0.59 0.00	42.58 -0.30 0.00	38.85 0.00 0.00	37.00 0.00 0.00
STATE_CA_115KV_115_LB 55624	40.31 0.79 0.00	37.16 0.69 0.00	34.57 0.64 0.00	35.13 0.65 0.00	34.13 0.57 0.00	34.39 0.57 0.00	34.49 0.68 0.00	36.58 0.65 0.00	38.64 0.72 0.00	44.20 1.16 0.00	48.93 1.47 0.00	48.91 1.56 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.10 1.57 0.00	48.97 1.52 0.00	50.02 1.50 0.00	57.63 1.84 0.00	54.23 1.58 0.00	47.71 1.34 0.00	46.84 1.41 0.00	43.99 1.11 0.00	39.63 0.78 0.00	37.67 0.67 0.00
STATE_ST_34_KV_LOAD 55959	39.16 -0.36 0.00	36.29 -0.18 0.00	33.72 -0.20 0.00	34.30 -0.17 0.00	33.46 -0.10 0.00	33.75 -0.07 0.00	33.74 -0.07 0.00	35.89 -0.04 0.00	37.77 -0.15 0.00	43.21 0.17 0.00	47.60 0.14 0.00	47.35 0.00 0.00	46.32 -0.05 0.00	47.12 -0.05 0.00	47.44 -0.10 0.00	47.35 -0.09 0.00	48.47 -0.05 0.00	55.79 0.00 0.00	52.70 0.05 0.00	46.36 0.00 0.00	45.20 -0.23 0.00	42.45 -0.43 0.00	38.51 -0.35 0.00	36.78 -0.22 0.00
STATION 5_MISC_HYD 23604	38.13 -1.38 0.00	35.49 -0.98 0.00	33.25 -0.68 0.00	33.88 -0.59 0.00	32.92 -0.64 0.00	33.21 -0.61 0.00	33.14 -0.68 0.00	35.32 -0.61 0.00	36.52 -1.40 0.00	40.97 -2.06 0.00	45.66 -1.80 0.00	45.13 -2.22 0.00	44.28 -2.09 0.00	45.05 -2.12 0.00	45.39 -2.14 0.00	45.31 -2.13 0.00	46.24 -2.28 0.00	53.17 -2.62 0.00	50.44 -2.21 0.00	44.55 -1.81 0.00	43.20 -2.22 0.00	41.04 -1.84 0.00	37.26 -1.59 0.00	35.89 -1.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.77 -0.75 0.00	36.03 -0.44 0.00	33.52 -0.41 0.00	34.13 -0.34 0.00	33.36 -0.20 0.00	33.65 -0.17 0.00	33.61 -0.20 0.00	35.71 -0.22 0.00	37.27 -0.64 0.00	42.90 -0.13 0.00	46.80 -0.66 0.00	46.45 -0.90 0.00	45.44 -0.93 0.00	46.23 -0.94 0.00	46.49 -1.05 0.00	46.50 -0.95 0.00	47.55 -0.97 0.00	54.78 -1.00 0.00	51.81 -0.84 0.00	45.57 -0.79 0.00	44.43 -1.00 0.00	41.63 -1.24 0.00	38.00 -0.85 0.00	36.48 -0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.98 -1.54 0.00	35.30 -1.17 0.00	32.87 -1.05 0.00	33.47 -1.00 0.00	32.76 -0.81 0.00	33.04 -0.78 0.00	32.97 -0.85 0.00	35.00 -0.93 0.00	36.36 -1.55 0.00	42.00 -1.03 0.00	45.56 -1.90 0.00	45.08 -2.27 0.00	44.24 -2.13 0.00	45.00 -2.17 0.00	45.20 -2.33 0.00	45.27 -2.18 0.00	46.24 -2.28 0.00	53.33 -2.45 0.00	50.39 -2.26 0.00	44.41 -1.95 0.00	43.34 -2.09 0.00	40.61 -2.27 0.00	37.15 -1.71 0.00	35.74 -1.26 0.00

STA_56___34_KV_BUS2 355983	37.98 -1.54 0.00	35.30 -1.17 0.00	32.87 -1.05 0.00	33.47 -1.00 0.00	32.76 -0.81 0.00	33.04 -0.78 0.00	32.97 -0.85 0.00	35.00 -0.93 0.00	36.36 -1.55 0.00	42.00 -1.03 0.00	45.56 -1.90 0.00	45.08 -2.27 0.00	44.24 -2.13 0.00	45.00 -2.17 0.00	45.20 -2.33 0.00	45.27 -2.18 0.00	46.24 -2.28 0.00	53.33 -2.45 0.00	50.39 -2.26 0.00	44.41 -1.95 0.00	43.34 -2.09 0.00	40.61 -2.27 0.00	37.15 -1.71 0.00	35.74 -1.26 0.00
STA_67___115KV_BK2 355882	38.06 -1.46 0.00	35.41 -1.06 0.00	32.94 -0.98 0.00	33.57 -0.90 0.00	32.86 -0.70 0.00	33.14 -0.68 0.00	33.07 -0.74 0.00	35.10 -0.83 0.00	36.40 -1.52 0.00	42.04 -0.99 0.00	45.51 -1.95 0.00	45.03 -2.32 0.00	44.19 -2.18 0.00	44.91 -2.26 0.00	45.11 -2.42 0.00	45.22 -2.23 0.00	46.14 -2.38 0.00	53.28 -2.51 0.00	50.33 -2.32 0.00	44.37 -1.99 0.00	43.34 -2.09 0.00	40.56 -2.32 0.00	37.18 -1.67 0.00	35.82 -1.18 0.00
STA_7___115KV_9TRANS 80674	38.33 -1.19 0.00	35.63 -0.84 0.00	33.14 -0.78 0.00	33.78 -0.69 0.00	33.06 -0.50 0.00	33.35 -0.47 0.00	33.27 -0.54 0.00	35.32 -0.61 0.00	36.67 -1.25 0.00	42.35 -0.69 0.00	45.89 -1.57 0.00	45.41 -1.94 0.00	44.56 -1.81 0.00	45.33 -1.84 0.00	45.49 -2.04 0.00	45.60 -1.85 0.00	46.58 -1.94 0.00	53.72 -2.06 0.00	50.81 -1.84 0.00	44.78 -1.58 0.00	43.70 -1.73 0.00	40.91 -1.97 0.00	37.46 -1.40 0.00	36.08 -0.93 0.00
STA_82___115KV_TB1 80780	38.10 -1.42 0.00	35.41 -1.06 0.00	32.97 -0.95 0.00	33.57 -0.90 0.00	32.89 -0.67 0.00	33.18 -0.64 0.00	33.10 -0.71 0.00	35.10 -0.83 0.00	36.44 -1.48 0.00	42.09 -0.95 0.00	45.56 -1.90 0.00	45.08 -2.27 0.00	44.19 -2.18 0.00	44.95 -2.22 0.00	45.16 -2.38 0.00	45.27 -2.18 0.00	46.19 -2.33 0.00	53.28 -2.51 0.00	50.33 -2.32 0.00	44.41 -1.95 0.00	43.34 -2.09 0.00	40.56 -2.32 0.00	37.18 -1.67 0.00	35.85 -1.15 0.00
STEEL___WIND 323596	38.25 -1.27 0.00	35.74 -0.73 0.00	33.62 -0.31 0.00	34.37 -0.10 0.00	33.33 -0.23 0.00	33.62 -0.20 0.00	33.51 -0.30 0.00	35.72 -0.21 0.00	36.40 -1.52 0.00	40.45 -2.58 0.00	45.18 -2.28 0.00	44.27 -3.08 0.00	43.54 -2.83 0.00	44.20 -2.97 0.00	44.54 -2.99 0.00	44.51 -2.94 0.00	45.27 -3.25 0.00	52.16 -3.63 0.00	49.54 -3.11 0.00	43.86 -2.50 0.00	42.34 -3.09 0.00	40.52 -2.36 0.00	36.99 -1.86 0.00	36.04 -0.96 0.00
STEPHTWN_115KV_BK_2 55603	40.70 1.19 0.00	37.49 1.02 0.00	34.84 0.92 0.00	35.40 0.93 0.00	34.44 0.87 0.00	34.73 0.91 0.00	34.83 1.01 0.00	36.94 1.01 0.00	39.06 1.14 0.00	44.67 1.64 0.00	49.50 2.04 0.00	49.43 2.08 0.00	48.32 1.95 0.00	49.15 1.98 0.00	49.62 2.09 0.00	49.44 1.99 0.00	50.55 2.04 0.00	58.24 2.45 0.00	54.76 2.11 0.00	48.22 1.85 0.00	47.29 1.86 0.00	44.38 1.50 0.00	39.98 1.13 0.00	38.00 1.00 0.00
STEBUBEN_REC_LFGE 323667	39.91 0.40 0.00	37.35 0.88 0.00	34.77 0.85 0.00	35.44 0.97 0.00	34.67 1.11 0.00	35.00 1.18 0.00	34.96 1.15 0.00	37.12 1.19 0.00	38.37 0.46 0.00	44.11 1.08 0.00	47.79 0.33 0.00	47.11 -0.24 0.00	46.14 -0.23 0.00	46.84 -0.33 0.00	46.96 -0.57 0.00	47.12 -0.33 0.00	48.18 -0.34 0.00	55.62 -0.17 0.00	52.65 0.00 0.00	46.31 -0.05 0.00	45.02 -0.41 0.00	42.11 -0.77 0.00	38.70 -0.16 0.00	37.37 0.37 0.00
STILLWATER___SOLAR 323814	41.34 1.82 0.00	38.15 1.68 0.00	35.38 1.46 0.00	35.95 1.48 0.00	34.94 1.38 0.00	35.21 1.39 0.00	35.23 1.42 0.00	37.40 1.47 0.00	39.59 1.67 0.00	45.27 2.24 0.00	50.31 2.85 0.00	50.24 2.89 0.00	49.10 2.74 0.00	49.91 2.73 0.00	50.29 2.76 0.00	50.15 2.70 0.00	51.33 2.81 0.00	59.08 3.29 0.00	55.65 3.00 0.00	48.96 2.59 0.00	48.06 2.63 0.00	45.02 2.14 0.00	40.52 1.67 0.00	38.52 1.52 0.00
STONY___BROOK 24151	47.14 3.48 -4.14	39.28 2.81 0.00	36.50 2.58 0.00	36.71 2.24 0.00	35.85 2.28 0.00	36.39 2.47 -0.10	36.31 2.50 0.00	40.17 2.73 -1.51	43.52 3.07 -2.53	51.66 3.62 -5.01	53.49 4.70 -1.33	54.31 4.78 -2.18	54.94 4.73 -3.83	55.40 4.81 -3.41	55.13 4.90 -2.70	55.49 5.03 -3.02	58.45 5.24 -4.69	66.78 6.03 -4.96	57.86 5.21 0.00	54.77 4.78 -3.63	54.43 5.09 -3.91	53.45 4.33 -6.24	51.68 3.50 -9.33	47.08 3.07 -7.01
STURGEON_POOL_HYD 23609	41.46 1.94 0.00	38.04 1.57 0.00	35.31 1.39 0.00	35.78 1.31 0.00	34.74 1.17 0.00	35.04 1.22 0.00	35.00 1.18 0.00	37.22 1.29 0.00	39.40 1.48 0.00	44.93 1.89 0.00	49.79 2.33 0.00	49.86 2.51 0.00	48.87 2.50 0.00	49.72 2.55 0.00	50.19 2.66 0.00	50.15 2.70 0.00	51.28 2.77 0.00	59.08 3.29 0.00	55.65 3.00 0.00	48.96 2.60 0.00	48.06 2.63 0.00	45.02 2.14 0.00	40.60 1.75 0.00	38.52 1.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.14 1.62 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.47 1.00 0.00	34.50 0.94 0.00	34.80 0.98 0.00	34.83 1.01 0.00	37.08 1.15 0.00	39.21 1.29 0.00	44.76 1.72 0.00	49.60 2.14 0.00	49.62 2.27 0.00	48.64 2.27 0.00	49.48 2.31 0.00	49.91 2.38 0.00	49.87 2.42 0.00	50.94 2.43 0.00	58.75 2.96 0.00	55.28 2.63 0.00	48.68 2.32 0.00	47.79 2.36 0.00	44.76 1.89 0.00	40.33 1.48 0.00	38.26 1.26 0.00
SWANROAD_115KV_TB1 355699	36.79 -2.73 0.00	34.39 -2.08 0.00	32.06 -1.87 0.00	32.71 -1.76 0.00	32.15 -1.41 0.00	32.43 -1.39 0.00	32.16 -1.66 0.00	34.06 -1.87 0.00	34.77 -3.15 0.00	40.45 -2.58 0.00	43.09 -4.37 0.00	42.14 -5.21 0.00	41.50 -4.87 0.00	42.12 -5.05 0.00	42.21 -5.32 0.00	42.42 -5.03 0.00	43.18 -5.34 0.00	50.04 -5.75 0.00	47.17 -5.48 0.00	41.72 -4.64 0.00	40.79 -4.63 0.00	38.03 -4.85 0.00	35.40 -3.46 0.00	34.56 -2.44 0.00
SYNERGY___BIOGAS 323694	38.37 -1.15 0.00	35.81 -0.66 0.00	33.69 -0.24 0.00	34.40 -0.07 0.00	33.33 -0.23 0.00	33.68 -0.13 0.00	33.51 -0.30 0.00	35.72 -0.21 0.00	36.56 -1.36 0.00	40.75 -2.28 0.00	45.51 -1.95 0.00	44.79 -2.56 0.00	43.91 -2.46 0.00	44.67 -2.50 0.00	45.06 -2.47 0.00	44.98 -2.47 0.00	45.90 -2.62 0.00	52.77 -3.01 0.00	50.23 -2.42 0.00	44.42 -1.95 0.00	42.84 -2.59 0.00	40.91 -1.97 0.00	37.22 -1.63 0.00	36.11 -0.89 0.00
SYRACUSE___ENERGY_ST1 323597	38.93 -0.59 0.00	36.00 -0.47 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.41 -0.41 0.00	35.53 -0.40 0.00	37.43 -0.49 0.00	42.78 -0.26 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.29 -0.50 0.00	52.18 -0.47 0.00	45.90 -0.46 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.23 -0.62 0.00	36.52 -0.48 0.00
SYRACUSE___ENERGY_ST2 323598	38.93 -0.59 0.00	36.00 -0.47 0.00	33.48 -0.44 0.00	34.06 -0.41 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.41 -0.41 0.00	35.53 -0.40 0.00	37.43 -0.49 0.00	42.78 -0.26 0.00	47.18 -0.28 0.00	46.97 -0.38 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	46.97 -0.47 0.00	48.08 -0.44 0.00	55.29 -0.50 0.00	52.18 -0.47 0.00	45.90 -0.46 0.00	44.88 -0.55 0.00	42.19 -0.69 0.00	38.23 -0.62 0.00	36.52 -0.48 0.00

SYRACUSE___POWER 24017	38.89 -0.63 0.00	35.96 -0.51 0.00	33.45 -0.47 0.00	33.99 -0.48 0.00	33.13 -0.44 0.00	33.38 -0.44 0.00	33.37 -0.44 0.00	35.50 -0.43 0.00	37.39 -0.53 0.00	42.73 -0.30 0.00	47.08 -0.38 0.00	46.92 -0.43 0.00	45.91 -0.46 0.00	46.70 -0.47 0.00	47.06 -0.48 0.00	46.93 -0.52 0.00	48.03 -0.49 0.00	55.23 -0.56 0.00	52.12 -0.53 0.00	45.90 -0.46 0.00	44.84 -0.59 0.00	42.15 -0.73 0.00	38.19 -0.66 0.00	36.45 -0.56 0.00
TALLMAN___138KV_BK151 55660	41.26 1.74 0.00	37.75 1.28 0.00	35.04 1.12 0.00	35.47 1.00 0.00	34.47 0.91 0.00	34.80 0.98 0.00	34.86 1.05 0.00	37.12 1.19 0.00	39.32 1.40 0.00	44.88 1.85 0.00	49.79 2.33 0.00	49.81 2.46 0.00	48.78 2.41 0.00	49.62 2.45 0.00	50.10 2.57 0.00	50.01 2.56 0.00	51.14 2.62 0.00	58.91 3.12 0.00	55.44 2.79 0.00	48.82 2.46 0.00	47.97 2.54 0.00	44.94 2.06 0.00	40.49 1.63 0.00	38.37 1.37 0.00
TEALLAVE_115KV_TB7 355573	38.65 -0.87 0.00	35.74 -0.73 0.00	33.25 -0.68 0.00	33.78 -0.69 0.00	32.93 -0.64 0.00	33.18 -0.64 0.00	33.17 -0.64 0.00	35.28 -0.65 0.00	37.12 -0.80 0.00	42.47 -0.56 0.00	46.80 -0.66 0.00	46.59 -0.76 0.00	45.63 -0.74 0.00	46.42 -0.75 0.00	46.72 -0.81 0.00	46.64 -0.81 0.00	47.69 -0.82 0.00	54.84 -0.95 0.00	51.75 -0.90 0.00	45.57 -0.79 0.00	44.52 -0.91 0.00	41.89 -0.99 0.00	37.96 -0.89 0.00	36.22 -0.78 0.00
TELGRAPH_34_KV_EAST 80808	37.78 -1.74 0.00	35.30 -1.17 0.00	32.87 -1.05 0.00	33.54 -0.93 0.00	32.93 -0.64 0.00	33.24 -0.57 0.00	33.03 -0.78 0.00	35.00 -0.93 0.00	35.87 -2.05 0.00	41.70 -1.33 0.00	44.57 -2.90 0.00	43.75 -3.60 0.00	42.98 -3.38 0.00	43.73 -3.44 0.00	43.82 -3.71 0.00	44.03 -3.42 0.00	44.88 -3.64 0.00	51.94 -3.85 0.00	49.02 -3.63 0.00	43.30 -3.06 0.00	42.25 -3.18 0.00	39.45 -3.43 0.00	36.52 -2.33 0.00	35.52 -1.48 0.00
TEMPLE___115KV_TB 2 55572	38.65 -0.87 0.00	35.78 -0.69 0.00	33.28 -0.64 0.00	33.82 -0.65 0.00	32.96 -0.60 0.00	33.21 -0.61 0.00	33.20 -0.61 0.00	35.32 -0.61 0.00	37.16 -0.76 0.00	42.47 -0.56 0.00	46.84 -0.62 0.00	46.64 -0.71 0.00	45.67 -0.70 0.00	46.42 -0.75 0.00	46.77 -0.76 0.00	46.64 -0.81 0.00	47.69 -0.82 0.00	54.90 -0.89 0.00	51.81 -0.84 0.00	45.57 -0.79 0.00	44.56 -0.86 0.00	41.89 -0.99 0.00	38.00 -0.85 0.00	36.26 -0.74 0.00
TIANA___69_KV_BK 1 55817	47.69 4.03 -4.14	39.75 3.28 0.00	36.91 2.99 0.00	37.12 2.65 0.00	36.28 2.72 0.00	36.89 2.98 -0.10	36.75 2.94 0.00	40.74 3.31 -1.51	43.98 3.53 -2.53	52.39 4.35 -5.01	54.25 5.46 -1.33	54.98 5.45 -2.18	55.58 5.38 -3.83	56.05 5.47 -3.41	55.84 5.61 -2.70	56.16 5.69 -3.02	59.27 6.06 -4.69	67.67 6.92 -4.96	58.49 5.84 0.00	55.09 5.10 -3.63	54.88 5.54 -3.91	53.92 4.80 -6.24	52.22 4.04 -9.33	47.60 3.59 -7.01
TILDEN___115KV_TB1 80814	38.89 -0.63 0.00	35.96 -0.51 0.00	33.45 -0.47 0.00	33.99 -0.48 0.00	33.13 -0.44 0.00	33.38 -0.44 0.00	33.37 -0.44 0.00	35.50 -0.43 0.00	37.39 -0.53 0.00	42.73 -0.30 0.00	47.08 -0.38 0.00	46.92 -0.43 0.00	45.91 -0.46 0.00	46.70 -0.47 0.00	47.06 -0.48 0.00	46.93 -0.52 0.00	48.03 -0.49 0.00	55.23 -0.56 0.00	52.12 -0.53 0.00	45.90 -0.46 0.00	44.84 -0.59 0.00	42.15 -0.73 0.00	38.19 -0.66 0.00	36.45 -0.56 0.00
TRIGEN___CC 323695	46.31 2.65 -4.14	38.59 2.12 0.00	35.86 1.93 0.00	36.16 1.69 0.00	35.24 1.68 0.00	35.74 1.83 -0.10	35.67 1.86 0.00	39.52 2.08 -1.51	42.80 2.35 -2.53	51.06 3.01 -5.01	52.35 3.56 -1.33	53.27 3.74 -2.18	53.86 3.66 -3.83	54.30 3.73 -3.41	54.03 3.80 -2.69	54.30 3.84 -3.01	57.09 3.88 -4.69	65.38 4.63 -4.96	56.65 4.00 0.00	53.70 3.71 -3.63	53.10 3.77 -3.90	52.29 3.17 -6.24	50.82 2.64 -9.32	46.34 2.33 -7.01
TRINITY___115KV___ 4 BK 55933	40.19 0.67 0.00	37.09 0.62 0.00	34.47 0.54 0.00	35.02 0.55 0.00	34.07 0.50 0.00	34.33 0.51 0.00	34.39 0.57 0.00	36.47 0.54 0.00	38.56 0.64 0.00	44.02 0.99 0.00	48.74 1.28 0.00	48.72 1.37 0.00	47.67 1.30 0.00	48.49 1.32 0.00	48.91 1.38 0.00	48.78 1.33 0.00	49.87 1.36 0.00	57.41 1.62 0.00	54.02 1.37 0.00	47.57 1.21 0.00	46.70 1.27 0.00	43.86 0.99 0.00	39.55 0.70 0.00	37.56 0.56 0.00
UNION___PROCESSING_DRP 323587	38.10 -1.42 0.00	35.45 -1.02 0.00	32.97 -0.95 0.00	33.61 -0.86 0.00	32.89 -0.67 0.00	33.18 -0.64 0.00	33.10 -0.71 0.00	35.14 -0.79 0.00	36.44 -1.48 0.00	42.09 -0.95 0.00	45.61 -1.85 0.00	45.08 -2.27 0.00	44.24 -2.13 0.00	45.00 -2.17 0.00	45.16 -2.38 0.00	45.27 -2.18 0.00	46.19 -2.33 0.00	53.33 -2.45 0.00	50.39 -2.26 0.00	44.41 -1.95 0.00	43.38 -2.04 0.00	40.61 -2.27 0.00	37.22 -1.63 0.00	35.85 -1.15 0.00
UPPER HUDSON___HYD 24058	41.18 1.66 0.00	37.93 1.46 0.00	35.18 1.26 0.00	35.75 1.28 0.00	34.71 1.14 0.00	34.90 1.08 0.00	34.96 1.15 0.00	37.01 1.08 0.00	39.25 1.33 0.00	45.01 1.98 0.00	50.12 2.66 0.00	50.05 2.70 0.00	48.87 2.50 0.00	49.67 2.50 0.00	50.00 2.47 0.00	49.82 2.37 0.00	50.99 2.47 0.00	58.80 3.01 0.00	55.33 2.68 0.00	48.59 2.23 0.00	47.74 2.32 0.00	44.60 1.72 0.00	40.02 1.16 0.00	38.03 1.03 0.00
UPPER RAQUET___HYD 24056	38.81 -0.71 0.00	35.81 -0.66 0.00	33.48 -0.44 0.00	34.02 -0.45 0.00	33.16 -0.40 0.00	33.45 -0.37 0.00	33.37 -0.44 0.00	35.28 -0.65 0.00	37.42 -0.49 0.00	42.52 -0.51 0.00	46.37 -1.09 0.00	46.26 -1.09 0.00	45.31 -1.06 0.00	46.13 -1.04 0.00	46.39 -1.14 0.00	46.31 -1.14 0.00	47.45 -1.07 0.00	54.40 -1.39 0.00	51.54 -1.11 0.00	45.25 -1.11 0.00	44.34 -1.09 0.00	42.06 -0.82 0.00	38.31 -0.54 0.00	36.45 -0.55 0.00
VALLEY44_115KV_TB2 355964	38.97 -0.55 0.00	36.36 -0.11 0.00	33.89 -0.03 0.00	34.57 0.10 0.00	33.90 0.34 0.00	34.16 0.34 0.00	34.22 0.41 0.00	36.29 0.36 0.00	37.39 -0.53 0.00	42.78 -0.26 0.00	46.04 -1.42 0.00	45.27 -2.08 0.00	44.42 -1.95 0.00	45.14 -2.03 0.00	45.30 -2.23 0.00	45.41 -2.04 0.00	46.33 -2.18 0.00	53.61 -2.18 0.00	50.60 -2.05 0.00	44.60 -1.76 0.00	43.52 -1.91 0.00	40.78 -2.10 0.00	37.88 -0.97 0.00	36.82 -0.19 0.00
VALLEY___115KV_TB 1-4 80826	39.08 -0.43 0.00	36.11 -0.36 0.00	33.58 -0.34 0.00	34.13 -0.34 0.00	33.30 -0.27 0.00	33.62 -0.20 0.00	33.61 -0.20 0.00	35.82 -0.11 0.00	37.96 0.04 0.00	43.38 0.34 0.00	47.98 0.52 0.00	47.97 0.62 0.00	46.97 0.60 0.00	47.78 0.61 0.00	48.20 0.67 0.00	48.06 0.62 0.00	49.20 0.68 0.00	56.63 0.84 0.00	53.33 0.68 0.00	46.87 0.51 0.00	45.79 0.36 0.00	43.09 0.21 0.00	38.89 0.04 0.00	36.96 -0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.81 2.29 0.00	38.59 2.12 0.00	35.86 1.93 0.00	36.44 1.96 0.00	35.48 1.91 0.00	35.78 1.96 0.00	35.64 1.83 0.00	37.98 2.05 0.00	40.19 2.28 0.00	46.13 3.10 0.00	51.11 3.65 0.00	50.90 3.55 0.00	49.80 3.43 0.00	50.66 3.49 0.00	51.05 3.52 0.00	50.77 3.32 0.00	51.96 3.44 0.00	59.81 4.02 0.00	56.33 3.69 0.00	49.61 3.25 0.00	48.47 3.04 0.00	45.45 2.57 0.00	40.99 2.14 0.00	39.00 2.00 0.00

VISCHER___FERRY HYD 24020	40.90 1.38 0.00	37.78 1.31 0.00	35.04 1.12 0.00	35.64 1.17 0.00	34.67 1.11 0.00	34.93 1.11 0.00	34.96 1.15 0.00	37.11 1.18 0.00	39.25 1.33 0.00	44.76 1.72 0.00	49.69 2.23 0.00	49.62 2.27 0.00	48.55 2.18 0.00	49.39 2.22 0.00	49.77 2.23 0.00	49.68 2.23 0.00	50.80 2.28 0.00	58.47 2.68 0.00	55.07 2.42 0.00	48.49 2.13 0.00	47.65 2.23 0.00	44.72 1.84 0.00	40.25 1.40 0.00	38.26 1.26 0.00
V_A_10_SYNC_DSASP 323832	37.15 -2.37 0.00	34.61 -1.86 0.00	32.57 -1.36 0.00	33.26 -1.21 0.00	32.29 -1.28 0.00	32.57 -1.25 0.00	32.46 -1.35 0.00	34.60 -1.33 0.00	35.38 -2.54 0.00	39.38 -3.66 0.00	43.95 -3.51 0.00	43.18 -4.17 0.00	42.47 -3.89 0.00	43.11 -4.06 0.00	43.49 -4.04 0.00	43.41 -4.03 0.00	44.20 -4.32 0.00	50.82 -4.97 0.00	48.28 -4.37 0.00	42.74 -3.62 0.00	41.34 -4.09 0.00	39.49 -3.39 0.00	36.02 -2.83 0.00	34.97 -2.03 0.00
V_CMM_10_SYNC_DSASP 323787	39.60 0.08 0.00	36.54 0.07 0.00	34.06 0.14 0.00	34.61 0.14 0.00	33.73 0.17 0.00	33.99 0.17 0.00	33.95 0.14 0.00	36.00 0.07 0.00	38.07 0.15 0.00	43.16 0.13 0.00	47.03 -0.43 0.00	46.92 -0.43 0.00	46.00 -0.37 0.00	46.79 -0.38 0.00	47.10 -0.43 0.00	47.02 -0.43 0.00	48.13 -0.39 0.00	55.18 -0.61 0.00	52.23 -0.42 0.00	45.94 -0.42 0.00	45.02 -0.41 0.00	42.75 -0.13 0.00	39.01 0.16 0.00	37.15 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	40.82 1.30 0.00	37.67 1.20 0.00	34.98 1.05 0.00	35.61 1.14 0.00	34.71 1.14 0.00	35.00 1.18 0.00	34.96 1.15 0.00	37.22 1.29 0.00	39.44 1.52 0.00	44.71 1.68 0.00	48.12 0.66 0.00	48.01 0.66 0.00	47.21 0.84 0.00	47.83 0.66 0.00	48.15 0.62 0.00	48.16 0.71 0.00	49.24 0.73 0.00	56.35 0.56 0.00	53.49 0.84 0.00	47.01 0.65 0.00	46.11 0.68 0.00	44.38 1.50 0.00	40.45 1.59 0.00	38.55 1.55 0.00
V_D_10_SYNC_DSASP 323841	39.72 0.20 0.00	36.69 0.22 0.00	34.26 0.34 0.00	34.85 0.38 0.00	33.93 0.37 0.00	34.19 0.37 0.00	34.15 0.34 0.00	36.11 0.18 0.00	38.19 0.27 0.00	43.29 0.26 0.00	47.27 -0.19 0.00	47.16 -0.19 0.00	46.14 -0.23 0.00	46.98 -0.19 0.00	47.30 -0.24 0.00	47.21 -0.24 0.00	48.32 -0.19 0.00	55.40 -0.39 0.00	52.44 -0.21 0.00	46.13 -0.23 0.00	45.20 -0.23 0.00	42.92 0.04 0.00	39.13 0.27 0.00	37.29 0.29 0.00
V_E_10_SYNC_DSASP 323830	42.60 3.08 0.00	39.57 3.10 0.00	36.81 2.88 0.00	37.33 2.86 0.00	36.35 2.78 0.00	36.83 3.01 0.00	36.59 2.77 0.00	39.17 3.24 0.00	41.26 3.34 0.00	46.99 3.96 0.00	52.54 5.08 0.00	52.23 4.88 0.00	51.15 4.78 0.00	51.93 4.76 0.00	52.33 4.80 0.00	51.91 4.46 0.00	53.41 4.90 0.00	61.37 5.58 0.00	57.91 5.26 0.00	50.77 4.41 0.00	49.20 3.77 0.00	46.31 3.43 0.00	41.53 2.68 0.00	39.70 2.70 0.00
V_F_30_NSYNC___DSASP 323816	41.42 1.90 0.00	38.18 1.71 0.00	35.41 1.49 0.00	36.02 1.55 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.27 1.45 0.00	37.47 1.54 0.00	39.66 1.75 0.00	45.31 2.28 0.00	50.36 2.90 0.00	50.29 2.94 0.00	49.20 2.83 0.00	50.00 2.83 0.00	50.34 2.80 0.00	50.25 2.80 0.00	51.38 2.86 0.00	59.19 3.40 0.00	55.70 3.05 0.00	49.00 2.64 0.00	48.11 2.68 0.00	45.11 2.23 0.00	40.56 1.71 0.00	38.55 1.55 0.00
V_F_30_SYNC_DSASP 323786	40.31 0.79 0.00	37.16 0.69 0.00	34.53 0.61 0.00	35.09 0.62 0.00	34.13 0.57 0.00	34.39 0.57 0.00	34.49 0.68 0.00	36.58 0.65 0.00	38.64 0.72 0.00	44.20 1.16 0.00	48.93 1.47 0.00	48.91 1.56 0.00	47.85 1.48 0.00	48.68 1.51 0.00	49.10 1.57 0.00	48.97 1.52 0.00	50.02 1.50 0.00	57.63 1.84 0.00	54.23 1.58 0.00	47.71 1.34 0.00	46.84 1.41 0.00	43.95 1.07 0.00	39.63 0.78 0.00	37.67 0.67 0.00
V_XM_10_SYNC_DSASP 323789	40.82 1.30 0.00	37.67 1.20 0.00	34.98 1.05 0.00	35.61 1.14 0.00	34.71 1.14 0.00	35.00 1.18 0.00	34.96 1.15 0.00	37.22 1.29 0.00	39.44 1.52 0.00	44.71 1.68 0.00	48.12 0.66 0.00	48.01 0.66 0.00	47.21 0.84 0.00	47.83 0.66 0.00	48.15 0.62 0.00	48.16 0.71 0.00	49.24 0.73 0.00	56.35 0.56 0.00	53.49 0.84 0.00	47.01 0.65 0.00	46.11 0.68 0.00	44.38 1.50 0.00	40.45 1.59 0.00	38.55 1.55 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.42 1.90 0.00	37.86 1.39 0.00	35.14 1.22 0.00	35.61 1.14 0.00	34.60 1.04 0.00	34.94 1.12 0.00	34.96 1.15 0.00	37.22 1.29 0.00	39.40 1.48 0.00	45.01 1.98 0.00	49.93 2.47 0.00	49.95 2.60 0.00	48.97 2.60 0.00	49.81 2.64 0.00	50.24 2.71 0.00	50.20 2.75 0.00	51.28 2.77 0.00	59.14 3.35 0.00	55.60 2.95 0.00	49.00 2.64 0.00	48.11 2.68 0.00	45.06 2.19 0.00	40.60 1.75 0.00	38.48 1.48 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.69 2.17 0.00	38.15 1.68 0.00	35.42 1.49 0.00	35.85 1.38 0.00	34.84 1.28 0.00	35.17 1.35 0.00	35.20 1.39 0.00	37.48 1.54 0.00	39.74 1.82 0.00	45.44 2.41 0.00	50.40 2.94 0.00	50.48 3.13 0.00	49.43 3.06 0.00	50.28 3.11 0.00	50.76 3.23 0.00	50.67 3.23 0.00	51.77 3.25 0.00	59.75 3.96 0.00	56.12 3.47 0.00	49.47 3.11 0.00	48.61 3.18 0.00	45.54 2.66 0.00	41.07 2.21 0.00	38.89 1.89 0.00
W50THST__13_KV_LOAD 356117	41.93 2.41 0.00	38.37 1.90 0.00	35.59 1.66 0.00	36.02 1.55 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.37 1.56 0.00	37.69 1.76 0.00	39.97 2.05 0.00	45.70 2.67 0.00	50.64 3.18 0.00	50.76 3.41 0.00	49.71 3.34 0.00	50.57 3.40 0.00	51.00 3.47 0.00	50.96 3.51 0.00	52.06 3.54 0.00	60.08 4.30 0.00	56.44 3.79 0.00	49.65 3.29 0.00	48.84 3.41 0.00	45.75 2.87 0.00	41.26 2.41 0.00	39.11 2.11 0.00
WADING RIVER_IC_1 23522	47.34 3.68 -4.14	39.42 2.95 0.00	36.64 2.71 0.00	36.85 2.38 0.00	35.98 2.42 0.00	36.56 2.64 -0.10	36.45 2.64 0.00	40.39 2.95 -1.51	43.67 3.22 -2.53	51.70 3.66 -5.01	53.78 4.98 -1.33	54.50 4.97 -2.18	55.12 4.91 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.68 5.22 -3.02	58.78 5.58 -4.69	66.89 6.14 -4.96	57.86 5.21 0.00	54.49 4.50 -3.63	54.65 5.31 -3.91	53.62 4.50 -6.24	51.87 3.69 -9.33	47.27 3.26 -7.01
WADING RIVER_IC_2 23547	47.34 3.68 -4.14	39.42 2.95 0.00	36.64 2.71 0.00	36.85 2.38 0.00	35.98 2.42 0.00	36.56 2.64 -0.10	36.45 2.64 0.00	40.39 2.95 -1.51	43.67 3.22 -2.53	51.70 3.66 -5.01	53.78 4.98 -1.33	54.50 4.97 -2.18	55.12 4.91 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.68 5.22 -3.02	58.78 5.58 -4.69	66.89 6.14 -4.96	57.86 5.21 0.00	54.49 4.50 -3.63	54.65 5.31 -3.91	53.62 4.50 -6.24	51.87 3.69 -9.33	47.27 3.26 -7.01
WADING RIVER_IC_3 23601	47.34 3.68 -4.14	39.42 2.95 0.00	36.64 2.71 0.00	36.85 2.38 0.00	35.98 2.42 0.00	36.56 2.64 -0.10	36.45 2.64 0.00	40.39 2.95 -1.51	43.67 3.22 -2.53	51.70 3.66 -5.01	53.78 4.98 -1.33	54.50 4.97 -2.18	55.12 4.91 -3.83	55.58 5.00 -3.41	55.32 5.09 -2.70	55.68 5.22 -3.02	58.78 5.58 -4.69	66.89 6.14 -4.96	57.86 5.21 0.00	54.49 4.50 -3.63	54.65 5.31 -3.91	53.62 4.50 -6.24	51.87 3.69 -9.33	47.27 3.26 -7.01

WALDENNY_12_KV_BK2 80841	38.18 -1.34 0.00	35.63 -0.84 0.00	33.21 -0.71 0.00	33.88 -0.59 0.00	33.26 -0.30 0.00	33.55 -0.27 0.00	33.44 -0.37 0.00	35.43 -0.50 0.00	36.29 -1.63 0.00	42.09 -0.95 0.00	45.04 -2.42 0.00	44.18 -3.17 0.00	43.40 -2.97 0.00	44.10 -3.07 0.00	44.20 -3.33 0.00	44.41 -3.04 0.00	45.22 -3.30 0.00	52.39 -3.40 0.00	49.44 -3.21 0.00	43.63 -2.74 0.00	42.61 -2.82 0.00	39.79 -3.09 0.00	36.91 -1.94 0.00	35.96 -1.04 0.00
WALDEN___HYDRO 24148	41.42 1.90 0.00	38.00 1.53 0.00	35.28 1.36 0.00	35.75 1.28 0.00	34.74 1.17 0.00	35.04 1.22 0.00	35.03 1.22 0.00	37.26 1.33 0.00	39.40 1.48 0.00	44.93 1.89 0.00	49.83 2.37 0.00	49.86 2.51 0.00	48.83 2.46 0.00	49.72 2.55 0.00	50.15 2.61 0.00	50.15 2.70 0.00	51.28 2.77 0.00	59.14 3.35 0.00	55.65 3.00 0.00	49.00 2.64 0.00	48.06 2.63 0.00	45.02 2.14 0.00	40.56 1.71 0.00	38.48 1.48 0.00
WARRENSBURG___ 23737	41.18 1.66 0.00	37.93 1.46 0.00	35.18 1.26 0.00	35.75 1.28 0.00	34.71 1.14 0.00	34.90 1.08 0.00	34.96 1.15 0.00	37.01 1.08 0.00	39.25 1.33 0.00	45.01 1.98 0.00	50.12 2.66 0.00	50.05 2.70 0.00	48.87 2.50 0.00	49.67 2.50 0.00	50.00 2.47 0.00	49.82 2.37 0.00	50.99 2.47 0.00	58.80 3.01 0.00	55.33 2.68 0.00	48.59 2.23 0.00	47.74 2.32 0.00	44.60 1.72 0.00	40.02 1.16 0.00	38.03 1.03 0.00
WATERSIDE___6 8 9 23538	41.81 2.29 0.00	38.26 1.79 0.00	35.48 1.56 0.00	35.88 1.41 0.00	34.87 1.31 0.00	35.17 1.35 0.00	35.13 1.32 0.00	37.33 1.40 0.00	39.63 1.71 0.00	45.36 2.32 0.01	50.35 2.90 0.00	50.38 3.03 0.00	49.38 3.01 0.00	50.23 3.07 0.00	50.80 3.28 0.01	50.63 3.18 0.00	51.76 3.25 0.01	59.69 3.91 0.00	56.07 3.42 0.00	49.55 3.20 0.01	48.69 3.27 0.01	45.57 2.70 0.01	41.18 2.33 0.01	39.00 2.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.48 -0.04 0.00	36.43 -0.04 0.00	33.89 -0.03 0.00	34.44 -0.03 0.00	33.56 0.00 0.00	33.85 0.03 0.00	33.85 0.03 0.00	36.00 0.07 0.00	38.07 0.15 0.00	43.42 0.39 0.00	48.03 0.57 0.00	47.97 0.62 0.00	46.97 0.60 0.00	47.78 0.61 0.00	48.15 0.62 0.00	48.06 0.62 0.00	49.15 0.63 0.00	56.57 0.78 0.00	53.28 0.63 0.00	46.87 0.51 0.00	45.88 0.45 0.00	43.18 0.30 0.00	39.01 0.16 0.00	37.11 0.11 0.00
WATSON___69_KV_BK 1 55734	47.42 3.75 -4.14	39.50 3.03 0.00	36.71 2.78 0.00	36.95 2.48 0.00	36.05 2.48 0.00	36.62 2.71 -0.10	36.52 2.71 0.00	40.46 3.02 -1.51	43.75 3.30 -2.53	52.17 4.13 -5.01	53.78 4.98 -1.33	54.65 5.11 -2.18	55.26 5.05 -3.83	55.72 5.14 -3.41	55.51 5.28 -2.70	55.82 5.36 -3.02	58.83 5.63 -4.69	67.39 6.64 -4.96	58.34 5.69 0.00	55.14 5.15 -3.63	54.61 5.27 -3.91	53.58 4.46 -6.24	51.95 3.77 -9.33	47.34 3.33 -7.01
WDELAWARE___HYD 323627	41.53 2.01 0.00	38.11 1.64 0.00	35.35 1.42 0.00	35.81 1.34 0.00	34.81 1.24 0.00	35.14 1.32 0.00	35.03 1.22 0.00	37.15 1.22 0.00	39.32 1.40 0.00	44.63 1.59 0.00	49.69 2.23 0.00	49.72 2.37 0.00	48.69 2.32 0.00	49.53 2.36 0.00	50.00 2.47 0.00	50.06 2.61 0.00	51.23 2.72 0.00	59.02 3.23 0.00	55.70 3.05 0.00	48.96 2.59 0.00	48.11 2.68 0.00	45.02 2.14 0.00	40.45 1.59 0.00	38.41 1.41 0.00
WEST BABYLON___IC 23714	47.18 3.52 -4.14	39.31 2.84 0.00	36.50 2.58 0.00	36.78 2.31 0.00	35.88 2.32 0.00	36.42 2.50 -0.10	36.35 2.54 0.00	40.24 2.80 -1.51	43.52 3.07 -2.53	51.92 3.87 -5.01	53.44 4.65 -1.33	54.31 4.78 -2.18	54.93 4.73 -3.83	55.39 4.81 -3.41	55.22 4.99 -2.70	55.49 5.03 -3.01	58.45 5.24 -4.69	66.95 6.19 -4.96	57.97 5.32 0.00	54.86 4.87 -3.63	54.24 4.91 -3.91	53.32 4.20 -6.24	51.72 3.54 -9.33	47.12 3.11 -7.01
WEST CANADA___HYD 24049	39.64 0.12 0.00	36.58 0.11 0.00	33.99 0.07 0.00	34.54 0.07 0.00	33.63 0.07 0.00	33.89 0.07 0.00	33.88 0.07 0.00	36.04 0.11 0.00	38.07 0.15 0.00	43.25 0.22 0.00	47.89 0.43 0.00	47.78 0.43 0.00	46.79 0.42 0.00	47.59 0.42 0.00	47.96 0.43 0.00	47.87 0.43 0.00	48.95 0.44 0.00	56.29 0.50 0.00	53.07 0.42 0.00	46.78 0.42 0.00	45.84 0.41 0.00	43.14 0.26 0.00	39.01 0.16 0.00	37.11 0.11 0.00
WESTERN_NY_WIND 24143	38.33 -1.19 0.00	35.74 -0.73 0.00	33.31 -0.61 0.00	33.99 -0.48 0.00	33.33 -0.23 0.00	33.65 -0.17 0.00	33.47 -0.34 0.00	35.46 -0.47 0.00	36.48 -1.44 0.00	42.39 -0.65 0.00	45.42 -2.04 0.00	44.65 -2.70 0.00	43.77 -2.60 0.00	44.58 -2.59 0.00	44.68 -2.85 0.00	44.89 -2.56 0.00	45.80 -2.72 0.00	53.00 -2.79 0.00	50.12 -2.53 0.00	44.18 -2.18 0.00	43.11 -2.32 0.00	40.22 -2.66 0.00	37.15 -1.71 0.00	36.04 -0.96 0.00
WESTOVER___LESR 323668	39.64 0.12 0.00	36.73 0.26 0.00	34.16 0.24 0.00	34.75 0.28 0.00	33.90 0.34 0.00	34.16 0.34 0.00	34.18 0.37 0.00	36.33 0.40 0.00	38.07 0.15 0.00	43.55 0.52 0.00	47.79 0.33 0.00	47.49 0.14 0.00	46.56 0.19 0.00	47.31 0.14 0.00	47.67 0.14 0.00	47.59 0.14 0.00	48.66 0.15 0.00	56.07 0.28 0.00	52.91 0.26 0.00	46.59 0.23 0.00	45.52 0.09 0.00	42.75 -0.13 0.00	38.85 0.00 0.00	37.19 0.19 0.00
WETHRSFD_WT_PWR 323626	38.41 -1.11 0.00	35.88 -0.58 0.00	33.69 -0.24 0.00	34.40 -0.07 0.00	33.40 -0.17 0.00	33.68 -0.13 0.00	33.61 -0.20 0.00	35.82 -0.11 0.00	36.70 -1.21 0.00	40.88 -2.15 0.00	45.61 -1.85 0.00	44.84 -2.51 0.00	44.05 -2.32 0.00	44.67 -2.50 0.00	45.01 -2.52 0.00	44.98 -2.47 0.00	45.85 -2.67 0.00	52.83 -2.96 0.00	50.18 -2.47 0.00	44.32 -2.04 0.00	42.89 -2.54 0.00	40.91 -1.97 0.00	37.26 -1.59 0.00	36.19 -0.81 0.00
WHAVSTOR_138KV_BK127 55557	41.26 1.74 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.44 0.97 0.00	34.44 0.87 0.00	34.77 0.95 0.00	34.83 1.01 0.00	37.08 1.15 0.00	39.28 1.37 0.00	44.88 1.85 0.00	49.74 2.28 0.00	49.76 2.41 0.00	48.73 2.36 0.00	49.58 2.41 0.00	50.05 2.52 0.00	49.96 2.51 0.00	51.09 2.57 0.00	58.86 3.07 0.00	55.39 2.74 0.00	48.77 2.41 0.00	47.93 2.50 0.00	44.89 2.02 0.00	40.45 1.59 0.00	38.33 1.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.26 1.74 0.00	37.71 1.24 0.00	35.01 1.09 0.00	35.44 0.97 0.00	34.44 0.87 0.00	34.77 0.95 0.00	34.83 1.01 0.00	37.08 1.15 0.00	39.28 1.37 0.00	44.88 1.85 0.00	49.74 2.28 0.00	49.76 2.41 0.00	48.73 2.36 0.00	49.58 2.41 0.00	50.05 2.52 0.00	49.96 2.51 0.00	51.09 2.57 0.00	58.86 3.07 0.00	55.39 2.74 0.00	48.77 2.41 0.00	47.93 2.50 0.00	44.89 2.02 0.00	40.45 1.59 0.00	38.33 1.33 0.00
WHITEHAL_115KV_TB1 80871	42.25 2.73 0.00	38.88 2.41 0.00	36.06 2.14 0.00	36.64 2.17 0.00	35.54 1.98 0.00	35.81 2.00 0.00	35.84 2.03 0.00	38.05 2.12 0.00	40.42 2.50 0.00	46.61 3.57 0.00	51.78 4.32 0.00	51.71 4.36 0.00	50.40 4.03 0.00	51.18 4.01 0.00	51.48 3.95 0.00	51.29 3.84 0.00	52.54 4.03 0.00	60.64 4.85 0.00	57.07 4.42 0.00	50.02 3.66 0.00	49.11 3.68 0.00	45.75 2.87 0.00	41.07 2.21 0.00	39.04 2.04 0.00

WHITEPLN_13_KV_LOAD 356215	41.93 2.41 0.00	38.37 1.90 0.00	35.62 1.70 0.00	36.06 1.59 0.00	35.01 1.44 0.00	35.34 1.52 0.00	35.40 1.59 0.00	37.76 1.83 0.00	40.00 2.09 0.00	45.83 2.80 0.00	50.88 3.42 0.00	50.95 3.60 0.00	49.85 3.48 0.00	50.71 3.54 0.00	51.19 3.66 0.00	51.15 3.70 0.00	52.25 3.74 0.00	60.20 4.41 0.00	56.60 3.95 0.00	49.88 3.52 0.00	49.02 3.59 0.00	45.88 3.00 0.00	41.30 2.45 0.00	39.11 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	47.30 3.64 -4.14	39.42 2.95 0.00	36.60 2.68 0.00	36.81 2.34 0.00	35.98 2.42 0.00	36.56 2.64 -0.10	36.45 2.64 0.00	40.38 2.95 -1.51	43.64 3.19 -2.53	51.96 3.92 -5.01	53.73 4.94 -1.33	54.46 4.92 -2.18	55.07 4.87 -3.83	55.54 4.95 -3.41	55.32 5.09 -2.70	55.68 5.22 -3.02	58.74 5.53 -4.69	67.06 6.30 -4.96	58.02 5.37 0.00	54.72 4.73 -3.63	54.43 5.09 -3.91	53.49 4.37 -6.24	51.87 3.69 -9.33	47.23 3.22 -7.01
WOODARD__115KV_TB2 355635	38.61 -0.91 0.00	35.70 -0.77 0.00	33.21 -0.71 0.00	33.75 -0.72 0.00	32.89 -0.67 0.00	33.14 -0.68 0.00	33.14 -0.68 0.00	35.21 -0.72 0.00	37.08 -0.83 0.00	42.39 -0.65 0.00	46.70 -0.76 0.00	46.50 -0.85 0.00	45.54 -0.83 0.00	46.32 -0.85 0.00	46.68 -0.86 0.00	46.55 -0.90 0.00	47.59 -0.92 0.00	54.78 -1.00 0.00	51.70 -0.95 0.00	45.48 -0.88 0.00	44.47 -0.95 0.00	41.85 -1.03 0.00	37.92 -0.93 0.00	36.19 -0.81 0.00
YORK___WARBASSE 23770	42.01 2.49 0.00	38.40 1.93 0.00	35.62 1.70 0.00	35.99 1.52 0.00	34.97 1.41 0.00	35.24 1.42 0.00	35.23 1.42 0.00	37.44 1.51 0.00	39.74 1.82 0.00	45.49 2.45 0.00	50.60 3.08 -0.06	50.57 3.22 0.00	49.57 3.20 0.00	50.45 3.25 -0.02	51.11 3.52 -0.06	50.82 3.37 0.00	52.07 3.49 -0.06	59.99 4.18 -0.02	56.33 3.69 0.00	49.85 3.43 -0.06	49.03 3.54 -0.06	45.89 2.96 -0.06	41.44 2.53 -0.06	39.18 2.18 0.00