

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/21/2024

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	17.19	19.59	24.95	22.89	24.61	28.18	34.34	37.77	37.82	35.30	38.41	38.62	42.61	48.10	46.78	41.19	43.69	46.86	43.44	41.27	39.29	39.29	33.62	39.82	32.31
24138	1.23	1.28	1.44	1.31	1.52	1.88	2.36	2.76	2.54	2.37	2.67	2.79	2.92	3.33	3.34	2.98	3.14	3.45	3.23	3.04	2.87	2.38	2.81	2.08	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.19	19.58	24.95	22.89	24.62	28.17	34.32	37.74	37.79	35.26	38.38	38.59	42.56	48.04	46.74	41.15	43.63	46.81	43.42	41.24	39.27	33.63	39.81	32.29	
24260	1.23	1.28	1.44	1.30	1.52	1.87	2.34	2.74	2.51	2.33	2.63	2.75	2.87	3.27	3.29	2.94	3.08	3.40	3.21	3.01	2.84	2.38	2.80	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	17.19	19.58	24.95	22.89	24.62	28.17	34.32	37.74	37.79	35.26	38.38	38.59	42.56	48.04	46.74	41.15	43.63	46.81	43.42	41.24	39.27	33.63	39.81	32.29	
24261	1.23	1.28	1.44	1.30	1.52	1.87	2.34	2.74	2.51	2.33	2.63	2.75	2.87	3.27	3.29	2.94	3.08	3.40	3.21	3.01	2.84	2.38	2.80	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	17.09	19.59	25.12	23.06	24.75	28.46	34.72	38.07	38.40	35.80	38.83	38.84	42.98	48.27	46.90	41.30	43.72	46.94	43.42	41.35	39.36	33.79	39.91	32.36	
24011	1.13	1.29	1.61	1.48	1.65	2.16	2.75	3.07	3.12	2.86	3.08	3.00	3.29	3.51	3.45	3.10	3.17	3.54	3.20	3.12	2.93	2.55	2.90	2.14	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.15	19.67	25.20	23.14	24.86	28.69	35.02	38.37	38.76	36.12	39.16	39.15	43.32	48.55	47.21	41.61	43.92	47.23	43.66	41.63	39.64	34.06	40.19	32.56	
23798	1.19	1.36	1.69	1.56	1.76	2.39	3.04	3.36	3.48	3.18	3.41	3.32	3.63	3.79	3.76	3.40	3.37	3.83	3.44	3.41	3.21	2.81	3.17	2.34	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS	17.09	19.59	25.12	23.06	24.75	28.46	34.72	38.07	38.40	35.80	38.83	38.84	42.98	48.27	46.90	41.30	43.72	46.94	43.42	41.35	39.36	33.79	39.91	32.36	
24028	1.13	1.29	1.61	1.48	1.65	2.16	2.75	3.07	3.12	2.86	3.08	3.00	3.29	3.51	3.45	3.10	3.17	3.54	3.20	3.12	2.93	2.55	2.90	2.14	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.98	19.48	24.95	22.94	24.60	28.13	34.10	37.45	37.53	34.96	37.98	38.10	42.18	47.66	46.23	40.59	43.07	46.21	42.72	40.67	38.75	33.37	39.44	32.05	
23527	1.03	1.17	1.45	1.35	1.51	1.83	2.13	2.45	2.25	2.02	2.23	2.26	2.49	2.90	2.78	2.39	2.52	2.81	2.50	2.44	2.33	2.12	2.42	1.82	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.14	18.54	23.86	21.88	23.32	26.62	32.34	35.51	35.67	33.28	36.17	36.28	40.12	45.26	43.94	38.65	41.00	43.98	40.73	38.73	36.91	31.68	37.45	30.51	
24190	0.18	0.23	0.35	0.30	0.22	0.32	0.36	0.51	0.39	0.34	0.42	0.44	0.43	0.50	0.50	0.45	0.44	0.57	0.51	0.50	0.49	0.44	0.44	0.28	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	14.55	16.57	21.17	19.49	20.96	24.52	30.31	33.35	35.53	33.75	36.33	36.41	40.71	45.60	44.13	38.12	40.28	42.57	39.18	37.59	36.15	31.06	36.98	29.77	
355683	-1.41	-1.73	-2.34	-2.09	-2.14	-1.79	-1.66	-1.66	0.24	0.81	0.58	0.57	1.01	0.84	0.68	-0.08	-0.27	-0.83	-1.04	-0.64	-0.28	-0.19	-0.03	-0.45	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	16.43	18.85	24.28	22.28	23.78	27.11	32.99	36.19	36.38	33.90	36.79	36.86	40.81	46.06	44.70	39.37	41.82	44.82	41.51	39.47	37.59	32.26	38.16	31.08	
323833	0.47	0.54	0.77	0.70	0.69	0.81	1.01	1.19	1.09	0.96	1.05	1.02	1.12	1.30	1.25	1.17	1.27	1.42	1.29	1.25	1.17	1.01	1.14	0.85	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR	16.42	18.84	24.28	22.28	23.78	27.11	32.98	36.19	36.37	33.88	36.79	36.86	40.81	46.05	44.69	39.37	41.81	44.80	41.50	39.46	37.58	32.25	38.14	31.06	
323834	0.46	0.54	0.77	0.69	0.69	0.81	1.00	1.19	1.09	0.95	1.04	1.02	1.12	1.29	1.24	1.16	1.25	1.40	1.28	1.23	1.15	1.01	1.12	0.84	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.14	18.54	23.86	21.88	23.32	26.62	32.34	35.51	35.67	33.28	36.17	36.28	40.12	45.26	43.94	38.65	41.00	43.98	40.73	38.73	36.91	31.68	37.45	30.51	
23571	0.18	0.23	0.35	0.30	0.22	0.32	0.36	0.51	0.39	0.34	0.42	0.44	0.43	0.50	0.50	0.45	0.44	0.57	0.51	0.50	0.49	0.44	0.44	0.28	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	16.14 0.18 0.00	18.54 0.23 0.00	23.86 0.35 0.00	21.88 0.30 0.00	23.32 0.22 0.00	26.62 0.32 0.00	32.34 0.36 0.00	35.51 0.51 0.00	35.67 0.39 0.00	33.28 0.34 0.00	36.17 0.42 0.00	36.28 0.44 0.00	40.12 0.43 0.00	45.26 0.50 0.00	43.94 0.50 0.00	38.65 0.45 0.00	41.00 0.44 0.00	43.98 0.57 0.00	40.73 0.51 0.00	38.73 0.50 0.00	36.91 0.49 0.00	31.68 0.44 0.00	37.45 0.44 0.00	30.51 0.28 0.00
ALBANY___3 23573	16.14 0.18 0.00	18.54 0.23 0.00	23.86 0.35 0.00	21.88 0.30 0.00	23.32 0.22 0.00	26.62 0.32 0.00	32.34 0.36 0.00	35.51 0.51 0.00	35.67 0.39 0.00	33.28 0.34 0.00	36.17 0.42 0.00	36.28 0.44 0.00	40.12 0.43 0.00	45.26 0.50 0.00	43.94 0.50 0.00	38.65 0.45 0.00	41.00 0.44 0.00	43.98 0.57 0.00	40.73 0.51 0.00	38.73 0.50 0.00	36.91 0.49 0.00	31.68 0.44 0.00	37.45 0.44 0.00	30.51 0.28 0.00
ALBANY___4 23574	16.14 0.18 0.00	18.54 0.23 0.00	23.86 0.35 0.00	21.88 0.30 0.00	23.32 0.22 0.00	26.62 0.32 0.00	32.34 0.36 0.00	35.51 0.51 0.00	35.67 0.39 0.00	33.28 0.34 0.00	36.17 0.42 0.00	36.28 0.44 0.00	40.12 0.43 0.00	45.26 0.50 0.00	43.94 0.50 0.00	38.65 0.45 0.00	41.00 0.44 0.00	43.98 0.57 0.00	40.73 0.51 0.00	38.73 0.50 0.00	36.91 0.49 0.00	31.68 0.44 0.00	37.45 0.44 0.00	30.51 0.28 0.00
ALBANY___LFGE 323615	16.27 0.32 0.00	18.68 0.38 0.00	24.03 0.53 0.00	22.05 0.47 0.00	23.52 0.42 0.00	26.86 0.56 0.00	32.64 0.66 0.00	35.84 0.83 0.00	35.99 0.71 0.00	33.57 0.63 0.00	36.49 0.74 0.00	36.61 0.77 0.00	40.49 0.80 0.00	45.69 0.92 0.00	44.37 0.92 0.00	39.03 0.82 0.00	41.40 0.84 0.00	44.48 1.08 0.00	41.23 1.01 0.00	39.21 0.99 0.00	37.35 0.93 0.00	32.05 0.81 0.00	37.89 0.88 0.00	30.85 0.62 0.00
ALCOA_PA_115KV_PL-6C 55860	14.64 -1.31 0.00	16.68 -1.62 0.00	21.32 -2.18 0.00	19.64 -1.95 0.00	21.12 -1.98 0.00	24.70 -1.60 0.00	30.54 -1.44 0.00	33.60 -1.40 0.00	35.78 0.50 0.00	33.97 1.04 0.00	36.57 0.82 0.00	36.64 0.81 0.00	40.97 1.28 0.00	45.91 1.14 0.00	44.42 0.97 0.00	38.38 0.17 0.00	40.56 0.01 0.00	42.87 -0.53 0.00	39.46 -0.76 0.00	37.84 -0.38 0.00	36.39 -0.03 0.00	31.27 0.02 0.00	37.21 0.20 0.00	29.96 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	14.64 -1.31 0.00	16.68 -1.62 0.00	21.32 -2.18 0.00	19.64 -1.95 0.00	21.12 -1.98 0.00	24.70 -1.60 0.00	30.54 -1.44 0.00	33.60 -1.40 0.00	35.78 0.50 0.00	33.97 1.04 0.00	36.57 0.82 0.00	36.64 0.81 0.00	40.97 1.28 0.00	45.91 1.14 0.00	44.42 0.97 0.00	38.38 0.17 0.00	40.56 0.01 0.00	42.87 -0.53 0.00	39.46 -0.76 0.00	37.84 -0.38 0.00	36.39 -0.03 0.00	31.27 0.02 0.00	37.21 0.20 0.00	29.96 -0.27 0.00
ALCOA___DSASP 323711	14.64 -1.31 0.00	16.68 -1.62 0.00	21.32 -2.18 0.00	19.64 -1.95 0.00	21.11 -1.98 0.00	24.70 -1.60 0.00	30.54 -1.43 0.00	33.60 -1.40 0.00	35.78 0.50 0.00	33.97 1.04 0.00	36.57 0.82 0.00	36.64 0.81 0.00	40.97 1.28 0.00	45.90 1.14 0.00	44.42 0.97 0.00	38.38 0.17 0.00	40.56 0.01 0.00	42.87 -0.53 0.00	39.46 -0.76 0.00	37.84 -0.38 0.00	36.39 -0.03 0.00	31.27 0.02 0.00	37.21 0.20 0.00	29.96 -0.27 0.00
ALLEGHENY___COGEN 23514	15.90 -0.06 0.00	18.57 0.26 0.00	23.89 0.38 0.00	22.07 0.49 0.00	23.77 0.68 0.00	27.14 0.84 0.00	33.20 1.23 0.00	35.30 0.30 0.00	34.32 -0.96 0.00	30.64 -2.28 0.02	32.81 -2.48 0.46	33.43 -2.41 0.00	36.99 -2.70 0.00	45.07 0.53 0.21	43.75 0.63 0.33	38.77 0.69 0.13	41.68 1.19 0.07	44.57 1.19 0.02	41.39 1.17 0.00	39.09 0.87 0.00	37.07 0.65 0.00	31.64 0.39 0.00	37.27 0.25 0.00	30.29 0.06 0.00
ALTAMONT_115KV_TB 2 55880	16.35 0.39 0.00	18.74 0.43 0.00	24.09 0.59 0.00	22.11 0.52 0.00	23.63 0.53 0.00	26.94 0.64 0.00	32.76 0.78 0.00	35.95 0.94 0.00	36.14 0.86 0.00	33.71 0.77 0.00	36.62 0.87 0.00	36.73 0.89 0.00	40.62 0.93 0.00	45.82 1.06 0.00	44.49 1.05 0.00	39.15 0.94 0.00	41.52 0.96 0.00	44.50 1.09 0.00	41.22 1.00 0.00	39.20 0.97 0.00	37.35 0.92 0.00	32.06 0.81 0.00	37.92 0.90 0.00	30.88 0.66 0.00
ALTONA_WT_PWR 323606	14.44 -1.52 0.00	16.41 -1.89 0.00	21.01 -2.50 0.00	19.44 -2.15 0.00	21.00 -2.10 0.00	24.69 -1.61 0.00	30.48 -1.49 0.00	33.54 -1.46 0.00	35.78 0.50 0.00	33.97 1.03 0.00	36.63 0.89 0.00	36.74 0.91 0.00	40.99 1.30 0.00	45.91 1.15 0.00	44.56 1.11 0.00	38.47 0.26 0.00	40.15 -0.40 0.00	42.33 -1.08 0.00	38.91 -1.31 0.00	37.52 -0.71 0.00	36.14 -0.28 0.00	31.08 -0.17 0.00	37.11 0.09 0.00	29.87 -0.36 0.00
AMERICAN_REF_FUEL 24010	14.97 -0.99 0.00	17.36 -0.95 0.00	22.12 -1.38 0.00	20.42 -1.16 0.00	22.05 -1.05 0.00	25.18 -1.11 0.00	30.31 -1.66 0.00	32.35 -2.65 0.00	32.81 -2.47 0.00	30.69 -2.10 0.15	30.26 -2.58 2.91	32.96 -2.88 0.00	36.86 -2.83 0.00	40.09 -3.31 1.36	38.03 -3.34 2.09	34.55 -2.86 0.80	37.33 -2.75 0.47	39.83 -3.45 0.12	37.10 -3.12 0.00	35.06 -3.17 0.00	33.39 -3.04 0.00	28.78 -2.47 0.00	34.44 -2.58 0.00	28.18 -2.05 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.45 -0.51 0.00	18.04 -0.26 0.00	23.00 -0.51 0.00	21.06 -0.53 0.00	22.87 -0.22 0.00	26.01 -0.29 0.00	31.60 -0.38 0.00	33.83 -1.18 0.00	34.50 -0.79 0.00	32.73 -0.02 0.18	32.06 -0.17 3.52	35.49 -0.35 0.00	39.62 -0.08 0.00	43.01 -0.10 1.65	40.68 -0.25 2.52	37.13 -0.11 0.96	40.17 0.19 0.57	43.00 -0.25 0.15	39.97 -0.25 0.00	37.61 -0.62 0.00	35.83 -0.60 0.00	30.69 -0.56 0.00	36.24 -0.78 0.00	29.40 -0.83 0.00
ARTHUR KILL_GT_1 23520	17.09 1.13 0.00	19.48 1.17 0.00	24.80 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.04 1.74 0.00	34.16 2.19 0.00	37.62 2.62 0.00	37.55 2.26 0.00	35.00 2.07 0.00	38.04 2.29 0.00	38.25 2.42 0.00	42.19 2.50 0.00	47.62 2.86 0.00	46.33 2.88 0.00	40.81 2.61 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.13 2.91 0.00	41.02 2.80 0.00	39.06 2.63 0.00	33.46 2.21 0.00	39.64 2.63 0.00	32.16 1.93 0.00
ARTHUR_KILL_2 23512	17.05 1.09 0.00	19.42 1.12 0.00	24.74 1.23 0.00	22.71 1.12 0.00	24.42 1.32 0.00	27.96 1.66 0.00	34.06 2.09 0.00	37.51 2.50 0.00	37.43 2.15 0.00	34.90 1.96 0.00	37.93 2.19 0.00	38.14 2.31 0.00	42.06 2.37 0.00	47.48 2.72 0.00	46.20 2.75 0.00	40.68 2.48 0.00	43.12 2.56 0.00	46.29 2.89 0.00	43.00 2.78 0.00	40.89 2.67 0.00	38.93 2.50 0.00	33.36 2.11 0.00	39.52 2.50 0.00	32.07 1.84 0.00
ARTHUR_KILL_3 23513	17.08 1.12 0.00	19.46 1.16 0.00	24.78 1.28 0.00	22.75 1.17 0.00	24.46 1.36 0.00	28.00 1.69 0.00	34.09 2.11 0.00	37.49 2.49 0.00	37.48 2.20 0.00	34.95 2.02 0.00	38.02 2.27 0.00	38.24 2.40 0.00	42.17 2.48 0.00	47.61 2.85 0.00	46.35 2.90 0.00	40.79 2.58 0.00	43.25 2.70 0.00	46.44 3.04 0.00	43.07 2.85 0.00	40.92 2.69 0.00	38.97 2.55 0.00	33.38 2.14 0.00	39.56 2.55 0.00	32.10 1.88 0.00

ARTHUR_KILL_COGEN 323718	17.09 1.13 0.00	19.48 1.17 0.00	24.80 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.04 1.74 0.00	34.16 2.19 0.00	37.62 2.62 0.00	37.55 2.26 0.00	35.00 2.07 0.00	38.04 2.29 0.00	38.25 2.42 0.00	42.19 2.50 0.00	47.62 2.86 0.00	46.33 2.88 0.00	40.81 2.61 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.13 2.91 0.00	41.02 2.80 0.00	39.06 2.63 0.00	33.46 2.21 0.00	39.64 2.63 0.00	32.16 1.93 0.00
ASHOKAN____ 23654	16.47 0.51 0.00	18.88 0.58 0.00	24.33 0.82 0.00	22.33 0.75 0.00	23.87 0.78 0.00	27.23 0.93 0.00	33.20 1.22 0.00	36.60 1.60 0.00	36.89 1.61 0.00	34.38 1.45 0.00	37.36 1.62 0.00	37.46 1.62 0.00	41.46 1.77 0.00	46.81 2.05 0.00	45.45 2.00 0.00	40.03 1.82 0.00	42.58 2.02 0.00	45.66 2.26 0.00	42.41 2.19 0.00	40.27 2.05 0.00	38.30 1.87 0.00	32.79 1.54 0.00	38.70 1.68 0.00	31.45 1.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	17.05 1.09 0.00	19.43 1.13 0.00	24.74 1.23 0.00	22.72 1.13 0.00	24.42 1.32 0.00	27.95 1.65 0.00	33.97 2.00 0.00	37.44 2.43 0.00	37.41 2.13 0.00	34.92 1.99 0.00	37.96 2.21 0.00	38.21 2.37 0.00	42.09 2.40 0.00	47.50 2.74 0.00	46.24 2.79 0.00	40.74 2.53 0.00	43.14 2.59 0.00	46.32 2.93 0.00	42.99 2.77 0.00	40.84 2.61 0.00	38.82 2.39 0.00	33.24 1.99 0.00	39.34 2.32 0.00	31.96 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.05 1.09 0.00	19.43 1.13 0.00	24.74 1.23 0.00	22.72 1.13 0.00	24.41 1.32 0.00	27.95 1.65 0.00	33.97 2.00 0.00	37.44 2.43 0.00	37.41 2.13 0.00	34.92 1.99 0.00	37.96 2.22 0.00	38.21 2.37 0.00	42.09 2.40 0.00	47.50 2.74 0.00	46.24 2.79 0.00	40.74 2.53 0.00	43.14 2.59 0.00	46.32 2.93 0.00	42.99 2.77 0.00	40.84 2.61 0.00	38.82 2.39 0.00	33.24 1.99 0.00	39.34 2.32 0.00	31.96 1.74 0.00
ASTORIA_GT2_1 24094	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT2_2 24095	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT2_3 24096	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT2_4 24097	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT3_1 24098	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT3_2 24099	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT3_3 24100	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT3_4 24101	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT4_1 24102	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT4_2 24103	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT4_3 24104	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00

ASTORIA_GT4_4 24105	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.95 2.01 0.00	37.99 2.24 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.53 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.26 2.01 0.00	39.37 2.35 0.00	31.97 1.75 0.00
ASTORIA_GT_1 23523	17.08 1.13 0.00	19.47 1.16 0.00	24.78 1.27 0.00	22.75 1.17 0.00	24.45 1.36 0.00	28.00 1.70 0.00	34.05 2.07 0.00	37.51 2.51 0.00	37.50 2.22 0.00	35.01 2.07 0.00	38.05 2.31 0.00	38.30 2.46 0.00	42.19 2.50 0.00	47.62 2.86 0.00	46.35 2.90 0.00	40.83 2.63 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.10 2.88 0.00	40.94 2.71 0.00	38.91 2.49 0.00	33.32 2.07 0.00	39.43 2.41 0.00	32.03 1.81 0.00
ASTORIA_GT_10 24110	17.08 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.45 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.23 0.00	35.03 2.09 0.00	38.09 2.34 0.00	38.31 2.48 0.00	42.22 2.54 0.00	47.66 2.90 0.00	46.38 2.93 0.00	40.84 2.64 0.00	43.29 2.73 0.00	46.43 3.02 0.00	43.08 2.86 0.00	40.97 2.74 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.58 2.56 0.00	32.14 1.91 0.00
ASTORIA_GT_11 24225	17.08 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.45 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.23 0.00	35.03 2.09 0.00	38.09 2.34 0.00	38.31 2.48 0.00	42.22 2.54 0.00	47.66 2.90 0.00	46.38 2.93 0.00	40.84 2.64 0.00	43.29 2.73 0.00	46.43 3.02 0.00	43.08 2.86 0.00	40.97 2.74 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.58 2.56 0.00	32.14 1.91 0.00
ASTORIA_GT_12 24226	17.08 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.45 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.23 0.00	35.03 2.09 0.00	38.09 2.34 0.00	38.31 2.48 0.00	42.22 2.54 0.00	47.66 2.90 0.00	46.38 2.93 0.00	40.84 2.64 0.00	43.29 2.73 0.00	46.43 3.02 0.00	43.08 2.86 0.00	40.97 2.74 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.58 2.56 0.00	32.14 1.91 0.00
ASTORIA_GT_13 24227	17.08 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.45 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.23 0.00	35.03 2.09 0.00	38.09 2.34 0.00	38.31 2.48 0.00	42.22 2.54 0.00	47.66 2.90 0.00	46.38 2.93 0.00	40.84 2.64 0.00	43.29 2.73 0.00	46.43 3.02 0.00	43.08 2.86 0.00	40.97 2.74 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.58 2.56 0.00	32.14 1.91 0.00
ASTORIA_GT_5 24106	17.08 1.13 0.00	19.47 1.16 0.00	24.78 1.27 0.00	22.75 1.17 0.00	24.46 1.36 0.00	28.00 1.70 0.00	34.05 2.08 0.00	37.51 2.51 0.00	37.50 2.22 0.00	35.01 2.08 0.00	38.06 2.31 0.00	38.30 2.46 0.00	42.19 2.50 0.00	47.62 2.87 0.00	46.35 2.90 0.00	40.84 2.63 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.10 2.88 0.00	40.94 2.71 0.00	38.91 2.48 0.00	33.32 2.07 0.00	39.43 2.42 0.00	32.03 1.81 0.00
ASTORIA_GT_7 24107	17.08 1.13 0.00	19.47 1.16 0.00	24.78 1.27 0.00	22.75 1.17 0.00	24.46 1.36 0.00	28.00 1.70 0.00	34.05 2.08 0.00	37.51 2.51 0.00	37.50 2.22 0.00	35.01 2.08 0.00	38.06 2.31 0.00	38.30 2.46 0.00	42.19 2.50 0.00	47.62 2.87 0.00	46.35 2.90 0.00	40.84 2.63 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.10 2.88 0.00	40.94 2.71 0.00	38.91 2.48 0.00	33.32 2.07 0.00	39.43 2.42 0.00	32.03 1.81 0.00
ASTORIA_GT_8 24108	17.08 1.13 0.00	19.47 1.16 0.00	24.78 1.27 0.00	22.75 1.17 0.00	24.46 1.36 0.00	28.00 1.70 0.00	34.05 2.08 0.00	37.51 2.51 0.00	37.50 2.22 0.00	35.01 2.08 0.00	38.06 2.31 0.00	38.30 2.46 0.00	42.19 2.50 0.00	47.62 2.87 0.00	46.35 2.90 0.00	40.84 2.63 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.10 2.88 0.00	40.94 2.71 0.00	38.91 2.48 0.00	33.32 2.07 0.00	39.43 2.42 0.00	32.03 1.81 0.00
ASTORIA___2 24149	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.14 0.00	24.42 1.33 0.00	27.95 1.65 0.00	33.99 2.02 0.00	37.46 2.45 0.00	37.43 2.15 0.00	34.94 2.01 0.00	37.98 2.23 0.00	38.23 2.39 0.00	42.11 2.42 0.00	47.54 2.77 0.00	46.26 2.81 0.00	40.76 2.55 0.00	43.16 2.61 0.00	46.35 2.95 0.00	43.02 2.80 0.00	40.86 2.63 0.00	38.84 2.41 0.00	33.25 2.01 0.00	39.36 2.34 0.00	31.97 1.75 0.00
ASTORIA___3 23516	17.09 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.46 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.24 0.00	35.03 2.09 0.00	38.08 2.34 0.00	38.30 2.46 0.00	42.23 2.54 0.00	47.65 2.89 0.00	46.38 2.93 0.00	40.85 2.64 0.00	43.28 2.73 0.00	46.42 3.02 0.00	43.08 2.86 0.00	40.97 2.75 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.57 2.56 0.00	32.14 1.91 0.00
ASTORIA___4 23517	17.08 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.45 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.23 0.00	35.03 2.09 0.00	38.09 2.34 0.00	38.31 2.48 0.00	42.22 2.54 0.00	47.66 2.90 0.00	46.38 2.93 0.00	40.84 2.64 0.00	43.29 2.73 0.00	46.43 3.02 0.00	43.08 2.86 0.00	40.97 2.74 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.58 2.56 0.00	32.14 1.91 0.00
ASTORIA___5 23518	17.09 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.46 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.24 0.00	35.03 2.09 0.00	38.08 2.34 0.00	38.30 2.46 0.00	42.23 2.54 0.00	47.65 2.89 0.00	46.38 2.93 0.00	40.85 2.64 0.00	43.28 2.73 0.00	46.42 3.02 0.00	43.08 2.86 0.00	40.97 2.75 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.57 2.56 0.00	32.14 1.91 0.00
AST_ENERGY_2_CC3 323677	17.08 1.12 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.77 1.18 0.00	24.48 1.39 0.00	28.00 1.70 0.00	34.01 2.03 0.00	37.39 2.39 0.00	37.40 2.12 0.00	34.90 1.97 0.00	37.97 2.23 0.00	38.18 2.35 0.00	42.10 2.41 0.00	47.56 2.80 0.00	46.37 2.92 0.00	40.78 2.57 0.00	43.16 2.60 0.00	46.31 2.91 0.00	42.96 2.74 0.00	40.81 2.59 0.00	38.86 2.43 0.00	33.28 2.03 0.00	39.40 2.38 0.00	31.97 1.75 0.00
AST_ENERGY_2_CC4 323678	17.08 1.12 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.77 1.18 0.00	24.48 1.39 0.00	28.00 1.70 0.00	34.01 2.03 0.00	37.39 2.39 0.00	37.40 2.12 0.00	34.90 1.97 0.00	37.97 2.23 0.00	38.18 2.35 0.00	42.10 2.41 0.00	47.56 2.80 0.00	46.37 2.92 0.00	40.78 2.57 0.00	43.16 2.60 0.00	46.31 2.91 0.00	42.96 2.74 0.00	40.81 2.59 0.00	38.86 2.43 0.00	33.28 2.03 0.00	39.40 2.38 0.00	31.97 1.75 0.00

ATHENS_STG_1 23668	16.44 0.48 0.00	18.82 0.51 0.00	24.16 0.65 0.00	22.17 0.58 0.00	23.71 0.61 0.00	27.01 0.71 0.00	32.88 0.90 0.00	36.07 1.07 0.00	36.21 0.93 0.00	33.79 0.86 0.00	36.73 0.99 0.00	36.87 1.03 0.00	40.73 1.04 0.00	45.96 1.19 0.00	44.62 1.17 0.00	39.27 1.07 0.00	41.64 1.08 0.00	44.64 1.24 0.00	41.39 1.17 0.00	39.36 1.14 0.00	37.50 1.08 0.00	32.17 0.92 0.00	38.08 1.06 0.00	30.98 0.76 0.00
ATHENS_STG_2 23670	16.44 0.48 0.00	18.82 0.51 0.00	24.16 0.65 0.00	22.17 0.58 0.00	23.71 0.61 0.00	27.01 0.71 0.00	32.88 0.90 0.00	36.07 1.07 0.00	36.21 0.93 0.00	33.79 0.86 0.00	36.73 0.99 0.00	36.87 1.03 0.00	40.73 1.04 0.00	45.96 1.19 0.00	44.62 1.17 0.00	39.27 1.07 0.00	41.64 1.08 0.00	44.64 1.24 0.00	41.39 1.17 0.00	39.36 1.14 0.00	37.50 1.08 0.00	32.17 0.92 0.00	38.08 1.06 0.00	30.98 0.76 0.00
ATHENS_STG_3 23677	16.44 0.48 0.00	18.82 0.51 0.00	24.16 0.65 0.00	22.17 0.58 0.00	23.71 0.61 0.00	27.01 0.71 0.00	32.88 0.90 0.00	36.07 1.07 0.00	36.21 0.93 0.00	33.79 0.86 0.00	36.73 0.99 0.00	36.87 1.03 0.00	40.73 1.04 0.00	45.96 1.19 0.00	44.62 1.17 0.00	39.27 1.07 0.00	41.64 1.08 0.00	44.64 1.24 0.00	41.39 1.17 0.00	39.36 1.14 0.00	37.50 1.08 0.00	32.17 0.92 0.00	38.08 1.06 0.00	30.98 0.76 0.00
AUBURN___LFGE 323710	15.99 0.03 0.00	18.39 0.09 0.00	23.60 0.09 0.00	21.71 0.12 0.00	23.27 0.18 0.00	26.45 0.14 0.00	32.23 0.25 0.00	35.14 0.13 0.00	35.37 0.09 0.00	32.97 0.03 0.00	35.75 0.01 0.00	35.84 0.00 0.00	39.74 0.05 0.00	44.85 0.08 0.00	43.56 0.11 0.00	38.30 0.10 0.00	40.77 0.21 0.00	43.61 0.20 0.00	40.43 0.21 0.00	38.36 0.13 0.00	36.50 0.08 0.00	31.27 0.02 0.00	37.03 0.01 0.00	30.24 0.02 0.00
BABYLON_RES_REC 323704	21.35 1.48 -3.92	19.87 1.56 0.00	25.26 1.75 0.00	23.02 1.43 0.00	24.97 1.88 0.00	28.44 2.14 0.00	34.24 2.27 0.00	37.27 2.27 0.00	37.12 1.84 0.00	34.72 1.79 0.00	38.13 2.37 -0.02	38.77 2.67 -0.25	41.90 2.21 0.00	47.14 2.38 0.00	45.82 2.37 0.00	40.54 2.34 0.00	42.82 2.26 0.00	45.00 2.55 0.95	46.03 2.59 -3.21	40.67 2.45 0.00	38.82 2.40 0.00	33.40 2.15 0.00	39.49 2.47 0.00	32.29 2.07 0.00
BABYLON__69_KV_BK2 356345	21.45 1.62 -3.88	20.02 1.72 0.00	25.46 1.95 0.00	23.18 1.59 0.00	25.17 2.07 0.00	28.66 2.36 0.00	34.72 2.75 0.00	37.84 2.84 0.00	37.69 2.41 0.00	35.24 2.31 0.00	38.71 2.95 -0.02	39.39 3.31 -0.24	42.60 2.91 0.00	47.93 3.17 0.00	46.59 3.14 0.00	41.26 3.06 0.00	43.68 3.13 0.00	45.76 3.47 1.11	46.58 3.45 -2.91	41.49 3.26 0.00	39.47 3.05 0.00	33.70 2.46 0.00	39.82 2.80 0.00	32.56 2.34 0.00
BALL_HILL_WT_PWR 323825	15.50 -0.46 0.00	18.04 -0.27 0.00	23.00 -0.50 0.00	21.20 -0.38 0.00	22.92 -0.17 0.00	26.10 -0.20 0.00	31.59 -0.38 0.00	33.79 -1.21 0.00	34.34 -0.94 0.00	32.21 -0.56 0.16	31.87 -0.79 3.08	34.83 -1.00 0.00	38.89 -0.80 0.00	42.40 -0.92 1.44	40.22 -1.02 2.21	36.54 -0.83 0.84	39.47 -0.59 0.50	42.18 -1.10 0.13	39.26 -0.96 0.00	37.01 -1.21 0.00	35.22 -1.21 0.00	30.26 -0.99 0.00	35.95 -1.07 0.00	29.26 -0.96 0.00
BARON_WINDS___WT_PWR 323822	15.24 -0.72 0.00	17.97 -0.34 0.00	23.22 -0.29 0.00	21.57 -0.02 0.00	23.18 0.08 0.00	26.30 0.00 0.00	32.28 0.30 0.00	34.72 -0.28 0.00	34.96 -0.32 0.00	32.48 -0.51 -0.06	36.32 -0.62 -1.20	35.16 -0.67 0.00	39.05 -0.64 0.00	44.72 -0.60 -0.56	43.77 -0.54 -0.86	38.07 -0.46 -0.33	40.47 -0.28 -0.19	42.93 -0.52 -0.05	39.75 -0.47 0.00	37.43 -0.80 0.00	35.50 -0.92 0.00	30.30 -0.95 0.00	35.65 -1.37 0.00	28.94 -1.29 0.00
BARRETT_IC_1 23704	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00
BARRETT_IC_10 23701	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.93 2.23 0.00	47.21 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	42.99 2.42 -0.01	50.41 2.70 -4.30	54.77 2.75 -11.80	40.82 2.59 -0.01	38.76 2.32 -0.01	33.21 1.94 -0.01	39.29 2.27 -0.01	32.07 1.84 0.00
BARRETT_IC_11 23702	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.93 2.23 0.00	47.21 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	42.99 2.42 -0.01	50.41 2.70 -4.30	54.77 2.75 -11.80	40.82 2.59 -0.01	38.76 2.32 -0.01	33.21 1.94 -0.01	39.29 2.27 -0.01	32.07 1.84 0.00
BARRETT_IC_12 23703	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.93 2.23 0.00	47.21 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	42.99 2.42 -0.01	50.41 2.70 -4.30	54.77 2.75 -11.80	40.82 2.59 -0.01	38.76 2.32 -0.01	33.21 1.94 -0.01	39.29 2.27 -0.01	32.07 1.84 0.00
BARRETT_IC_2 23705	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00
BARRETT_IC_3 23706	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00
BARRETT_IC_4 23707	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00

BARRETT_IC_5 23708	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00
BARRETT_IC_6 23709	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00
BARRETT_IC_7 23710	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.90 0.00	34.09 2.12 0.00	37.23 2.22 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.20 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.35 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.45 2.75 -33.47	40.86 2.58 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.31 2.27 -0.02	32.07 1.84 0.00
BARRETT_IC_8 23711	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00
BARRETT_IC_9 23700	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.93 2.23 0.00	47.21 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	42.99 2.42 -0.01	50.41 2.70 -4.30	54.77 2.75 -11.80	40.82 2.59 -0.01	38.76 2.32 -0.01	33.21 1.94 -0.01	39.29 2.27 -0.01	32.07 1.84 0.00
BARRETT___1 23545	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.95 2.23 -0.02	47.22 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	43.02 2.42 -0.04	63.66 2.70 -17.55	76.44 2.75 -33.47	40.86 2.59 -0.05	38.80 2.32 -0.05	33.25 1.94 -0.05	39.30 2.27 -0.02	32.07 1.84 0.00
BARRETT___2 23546	21.09 1.33 -3.81	19.68 1.38 0.00	25.03 1.52 0.00	22.86 1.28 0.00	24.75 1.65 0.00	28.20 1.89 0.00	34.10 2.12 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.83 1.90 0.00	38.35 2.42 -0.18	40.21 2.58 -1.79	41.93 2.23 0.00	47.21 2.45 0.00	45.91 2.46 0.00	40.55 2.34 0.00	42.99 2.42 -0.01	50.41 2.70 -4.30	54.77 2.75 -11.80	40.82 2.59 -0.01	38.76 2.32 -0.01	33.21 1.94 -0.01	39.29 2.27 -0.01	32.07 1.84 0.00
BATAVIA__115KV_TB1 55881	15.67 -0.29 0.00	18.14 -0.17 0.00	23.11 -0.39 0.00	21.31 -0.28 0.00	23.00 -0.10 0.00	26.31 0.00 0.00	31.87 -0.11 0.00	34.23 -0.77 0.00	34.65 -0.63 0.00	32.37 -0.56 0.00	34.73 -1.02 0.00	34.55 -1.29 0.00	38.66 -1.04 0.00	43.69 -1.07 0.00	42.36 -1.09 0.00	37.38 -0.82 0.00	40.02 -0.54 0.00	42.45 -0.95 0.00	39.43 -0.79 0.00	37.27 -0.95 0.00	35.47 -0.95 0.00	30.47 -0.77 0.00	36.26 -0.76 0.00	29.60 -0.62 0.00
BAYONEEC___CTG1 323682	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG10 323750	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG2 323683	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG3 323684	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG4 323685	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG5 323686	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG6 323687	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00

BAYONEEC___CTG7 323688	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG8 323689	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BAYONEEC___CTG9 323749	17.10 1.14 0.00	19.49 1.18 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.09 0.00	38.11 2.36 0.00	38.31 2.48 0.00	42.25 2.56 0.00	47.70 2.93 0.00	46.43 2.97 0.00	40.87 2.66 0.00	43.30 2.75 0.00	46.47 3.07 0.00	43.11 2.89 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.16 0.00	39.58 2.56 0.00	32.11 1.89 0.00
BEACON___LESR 323632	16.41 0.45 0.00	18.84 0.54 0.00	24.16 0.66 0.00	22.19 0.61 0.00	23.70 0.60 0.00	27.06 0.76 0.00	32.99 1.02 0.00	36.31 1.31 0.00	36.35 1.06 0.00	33.90 0.96 0.00	36.86 1.12 0.00	36.94 1.10 0.00	40.90 1.21 0.00	46.00 1.23 0.00	44.55 1.10 0.00	39.29 1.08 0.00	41.86 1.31 0.00	44.89 1.48 0.00	41.54 1.33 0.00	39.46 1.24 0.00	37.63 1.21 0.00	32.30 1.05 0.00	38.18 1.16 0.00	31.01 0.79 0.00
BEAVER RIVER___HYD 24048	15.48 -0.48 0.00	17.80 -0.50 0.00	23.16 -0.35 0.00	21.23 -0.35 0.00	22.86 -0.24 0.00	26.53 0.23 0.00	32.79 0.82 0.00	36.05 1.05 0.00	36.96 1.68 0.00	34.70 1.76 0.00	37.61 1.87 0.00	37.70 1.86 0.00	41.87 2.18 0.00	47.02 2.26 0.00	45.59 2.14 0.00	39.71 1.51 0.00	42.10 1.54 0.00	44.89 1.49 0.00	41.65 1.43 0.00	39.58 1.36 0.00	37.76 1.34 0.00	32.39 1.15 0.00	38.24 1.22 0.00	30.96 0.73 0.00
BEEBEE_GT_13 23619	15.57 -0.39 0.00	17.96 -0.35 0.00	22.94 -0.57 0.00	21.12 -0.47 0.00	22.71 -0.39 0.00	25.90 -0.40 0.00	31.40 -0.57 0.00	33.93 -1.07 0.00	34.28 -1.01 0.00	32.04 -0.90 0.00	34.58 -1.16 0.00	34.55 -1.29 0.00	38.49 -1.20 0.00	43.47 -1.29 0.00	42.19 -1.26 0.00	37.14 -1.07 0.00	39.64 -0.91 0.00	42.18 -1.22 0.00	39.12 -1.10 0.00	37.06 -1.16 0.00	35.27 -1.15 0.00	30.27 -0.98 0.00	35.97 -1.04 0.00	29.40 -0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.20 1.24 0.00	19.59 1.29 0.00	24.95 1.44 0.00	22.89 1.31 0.00	24.62 1.52 0.00	28.20 1.90 0.00	34.38 2.40 0.00	37.85 2.85 0.00	37.83 2.55 0.00	35.30 2.37 0.00	38.40 2.66 0.00	38.62 2.79 0.00	42.62 2.93 0.00	48.12 3.36 0.00	46.82 3.37 0.00	41.21 3.00 0.00	43.69 3.14 0.00	46.88 3.48 0.00	43.53 3.31 0.00	41.39 3.17 0.00	39.40 2.98 0.00	33.75 2.50 0.00	39.96 2.95 0.00	32.41 2.18 0.00
BETHLEHEM___GRP 23843	16.14 0.18 0.00	18.54 0.23 0.00	23.86 0.35 0.00	21.88 0.30 0.00	23.32 0.22 0.00	26.62 0.32 0.00	32.34 0.36 0.00	35.51 0.51 0.00	35.67 0.39 0.00	33.28 0.34 0.00	36.17 0.42 0.00	36.28 0.44 0.00	40.12 0.43 0.00	45.26 0.50 0.00	43.94 0.50 0.00	38.65 0.45 0.00	41.00 0.44 0.00	43.98 0.57 0.00	40.73 0.51 0.00	38.73 0.50 0.00	36.91 0.49 0.00	31.68 0.44 0.00	37.45 0.44 0.00	30.51 0.28 0.00
BETHLEHEM___GS1 323560	16.14 0.18 0.00	18.54 0.23 0.00	23.86 0.35 0.00	21.88 0.30 0.00	23.32 0.23 0.00	26.62 0.32 0.00	32.34 0.36 0.00	35.51 0.51 0.00	35.67 0.39 0.00	33.28 0.34 0.00	36.17 0.42 0.00	36.28 0.44 0.00	40.12 0.43 0.00	45.26 0.50 0.00	43.95 0.50 0.00	38.65 0.45 0.00	41.00 0.44 0.00	43.98 0.57 0.00	40.73 0.51 0.00	38.73 0.51 0.00	36.91 0.48 0.00	31.68 0.44 0.00	37.45 0.44 0.00	30.51 0.28 0.00
BETHLEHEM___GS2 323561	16.14 0.18 0.00	18.54 0.23 0.00	23.86 0.35 0.00	21.88 0.30 0.00	23.32 0.23 0.00	26.62 0.32 0.00	32.34 0.36 0.00	35.51 0.51 0.00	35.67 0.39 0.00	33.28 0.34 0.00	36.17 0.42 0.00	36.28 0.44 0.00	40.12 0.43 0.00	45.26 0.50 0.00	43.95 0.50 0.00	38.65 0.45 0.00	41.00 0.44 0.00	43.98 0.57 0.00	40.73 0.51 0.00	38.73 0.51 0.00	36.91 0.48 0.00	31.68 0.44 0.00	37.45 0.44 0.00	30.51 0.28 0.00
BETHLEHEM___GS3 323562	16.14 0.18 0.00	18.54 0.23 0.00	23.86 0.35 0.00	21.88 0.30 0.00	23.32 0.23 0.00	26.62 0.32 0.00	32.34 0.36 0.00	35.51 0.51 0.00	35.67 0.39 0.00	33.28 0.34 0.00	36.17 0.42 0.00	36.28 0.44 0.00	40.12 0.43 0.00	45.26 0.50 0.00	43.95 0.50 0.00	38.65 0.45 0.00	41.00 0.44 0.00	43.98 0.57 0.00	40.73 0.51 0.00	38.73 0.51 0.00	36.91 0.48 0.00	31.68 0.44 0.00	37.45 0.44 0.00	30.51 0.28 0.00
BETHLEHEM___STEEL 23779	15.54 -0.42 0.00	18.06 -0.24 0.00	23.02 -0.48 0.00	21.24 -0.34 0.00	22.94 -0.16 0.00	26.14 -0.16 0.00	31.63 -0.35 0.00	33.84 -1.17 0.00	34.30 -0.99 0.00	32.22 -0.72 0.00	34.77 -0.97 0.00	34.65 -1.19 0.00	38.71 -0.99 0.00	43.63 -1.13 0.00	42.19 -1.26 0.00	37.16 -1.05 0.00	39.72 -0.83 0.00	42.02 -1.38 0.00	39.03 -1.19 0.00	36.82 -1.41 0.00	35.04 -1.39 0.00	30.13 -1.12 0.00	35.86 -1.16 0.00	29.24 -0.99 0.00
BETHLHEM_115KV_TB1 79974	16.18 0.23 0.00	18.57 0.27 0.00	23.90 0.40 0.00	21.92 0.34 0.00	23.39 0.29 0.00	26.68 0.38 0.00	32.42 0.44 0.00	35.59 0.59 0.00	35.75 0.47 0.00	33.35 0.42 0.00	36.25 0.50 0.00	36.36 0.53 0.00	40.21 0.52 0.00	45.36 0.60 0.00	44.05 0.60 0.00	38.74 0.53 0.00	41.08 0.53 0.00	44.07 0.67 0.00	40.83 0.61 0.00	38.82 0.60 0.00	36.99 0.56 0.00	31.75 0.50 0.00	37.56 0.54 0.00	30.58 0.36 0.00
BETHPAGE_CC_5 323564	21.45 1.46 -4.03	19.85 1.54 0.00	25.24 1.73 0.00	23.03 1.45 0.00	24.96 1.86 0.00	28.44 2.14 0.00	34.42 2.44 0.00	37.56 2.56 0.00	37.50 2.22 0.00	35.06 2.12 0.00	38.46 2.69 -0.02	39.11 2.95 -0.32	42.27 2.58 0.00	47.60 2.84 0.00	46.28 2.83 0.00	40.93 2.73 0.00	43.40 2.84 0.00	46.12 3.13 0.41	47.62 3.15 -4.26	41.19 2.96 0.00	39.12 2.69 0.00	33.43 2.18 0.00	39.53 2.52 0.00	32.29 2.07 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.65 -0.31 0.00	18.18 -0.12 0.00	23.17 -0.33 0.00	21.39 -0.19 0.00	23.09 0.00 0.00	26.31 0.01 0.00	31.85 -0.13 0.00	34.09 -0.92 0.00	34.54 -0.74 0.00	32.43 -0.51 0.00	35.03 -0.71 0.00	34.90 -0.94 0.00	38.99 -0.70 0.00	43.97 -0.79 0.00	42.51 -0.94 0.00	37.44 -0.77 0.00	40.01 -0.54 0.00	42.34 -1.06 0.00	39.31 -0.91 0.00	37.08 -1.15 0.00	35.28 -1.15 0.00	30.34 -0.91 0.00	36.08 -0.93 0.00	29.41 -0.82 0.00

BINGHAMTON___COGEN 23790	16.12 0.16 0.00	18.53 0.23 0.00	23.74 0.23 0.00	21.90 0.31 0.00	23.48 0.39 0.00	26.69 0.38 0.00	32.63 0.65 0.00	35.54 0.54 0.00	35.76 0.48 0.00	33.32 0.38 0.00	36.19 0.45 0.00	36.29 0.46 0.00	40.20 0.51 0.00	45.34 0.58 0.00	43.97 0.52 0.00	38.69 0.48 0.00	41.14 0.59 0.00	44.03 0.63 0.00	40.88 0.66 0.00	38.79 0.56 0.00	36.92 0.50 0.00	31.64 0.39 0.00	37.48 0.47 0.00	30.46 0.24 0.00
BIXINCNT_115KV_LOAD 355685	15.91 -0.05 0.00	18.65 0.35 0.00	23.74 0.23 0.00	21.99 0.40 0.00	23.67 0.58 0.00	26.91 0.61 0.00	32.71 0.74 0.00	35.04 0.03 0.00	35.47 0.19 0.00	33.22 0.29 0.00	36.01 0.27 0.00	35.98 0.14 0.00	40.11 0.42 0.00	45.37 0.61 0.00	43.83 0.37 0.00	38.50 0.29 0.00	41.14 0.59 0.00	43.54 0.14 0.00	40.46 0.24 0.00	38.11 -0.12 0.00	36.16 -0.27 0.00	31.02 -0.23 0.00	36.66 -0.35 0.00	29.73 -0.49 0.00
BLACK RIVER___HYD 24047	15.65 -0.31 0.00	17.94 -0.37 0.00	23.43 -0.07 0.00	21.44 -0.14 0.00	23.12 0.02 0.00	26.83 0.53 0.00	33.18 1.20 0.00	36.49 1.48 0.00	37.25 1.97 0.00	34.87 1.94 0.00	37.78 2.03 0.00	37.85 2.01 0.00	42.02 2.33 0.00	47.26 2.50 0.00	45.81 2.36 0.00	39.99 1.78 0.00	42.49 1.93 0.00	45.38 1.98 0.00	42.19 1.97 0.00	40.02 1.80 0.00	38.13 1.71 0.00	32.66 1.41 0.00	38.44 1.42 0.00	31.16 0.94 0.00
BLACKRVR_115KV_TB2 79977	15.65 -0.31 0.00	17.94 -0.37 0.00	23.43 -0.07 0.00	21.44 -0.14 0.00	23.12 0.02 0.00	26.83 0.52 0.00	33.18 1.20 0.00	36.49 1.48 0.00	37.25 1.97 0.00	34.87 1.94 0.00	37.78 2.04 0.00	37.85 2.01 0.00	42.02 2.33 0.00	47.27 2.50 0.00	45.81 2.36 0.00	39.98 1.78 0.00	42.49 1.93 0.00	45.38 1.98 0.00	42.19 1.97 0.00	40.02 1.80 0.00	38.13 1.71 0.00	32.66 1.41 0.00	38.44 1.42 0.00	31.17 0.94 0.00
BLISS_WT_PWR 323608	15.86 -0.10 0.00	18.66 0.36 0.00	23.73 0.23 0.00	21.99 0.41 0.00	23.67 0.57 0.00	26.91 0.61 0.00	32.74 0.76 0.00	35.06 0.06 0.00	35.51 0.23 0.00	33.05 0.33 0.21	31.97 0.32 4.09	36.02 0.18 0.00	40.13 0.44 0.00	43.49 0.65 1.92	40.95 0.44 2.93	37.43 0.34 1.12	40.54 0.65 0.66	43.43 0.20 0.17	40.51 0.29 0.00	38.15 -0.08 0.00	36.16 -0.27 0.00	30.99 -0.26 0.00	36.56 -0.46 0.00	29.64 -0.59 0.00
BLUESTONE___WT_PWR 323821	16.23 0.27 0.00	18.59 0.29 0.00	23.58 0.07 0.00	22.16 0.58 0.00	24.15 1.05 0.00	27.74 1.44 0.00	33.82 1.84 0.00	36.95 1.94 0.00	37.39 2.10 0.00	35.14 2.16 -0.04	38.98 2.38 -0.86	38.26 2.42 0.00	42.42 2.73 0.00	48.23 3.07 -0.40	46.79 2.73 -0.62	40.81 2.36 -0.24	43.23 2.53 -0.14	46.07 2.63 -0.04	42.63 2.41 0.00	40.53 2.31 0.00	38.43 2.00 0.00	32.83 1.58 0.00	38.78 1.76 0.00	30.97 0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	16.34 0.38 0.00	18.75 0.44 0.00	24.14 0.64 0.00	22.16 0.57 0.00	23.65 0.56 0.00	26.96 0.66 0.00	32.77 0.80 0.00	35.94 0.94 0.00	36.13 0.85 0.00	33.68 0.75 0.00	36.58 0.83 0.00	36.66 0.82 0.00	40.58 0.88 0.00	45.78 1.02 0.00	44.45 1.00 0.00	39.12 0.91 0.00	41.51 0.96 0.00	44.49 1.08 0.00	41.20 0.98 0.00	39.18 0.95 0.00	37.33 0.91 0.00	32.05 0.80 0.00	37.91 0.89 0.00	30.88 0.66 0.00
BOC_GAS_DRP 24189	16.28 0.32 0.00	18.67 0.36 0.00	24.01 0.50 0.00	22.03 0.44 0.00	23.53 0.43 0.00	26.82 0.52 0.00	32.60 0.62 0.00	35.76 0.76 0.00	35.94 0.65 0.00	33.53 0.59 0.00	36.44 0.69 0.00	36.55 0.71 0.00	40.42 0.73 0.00	45.59 0.83 0.00	44.26 0.81 0.00	38.95 0.74 0.00	41.30 0.74 0.00	44.26 0.86 0.00	41.02 0.80 0.00	39.01 0.78 0.00	37.17 0.75 0.00	31.90 0.65 0.00	37.75 0.73 0.00	30.75 0.53 0.00
BOONVILLE_115KV_TB1 79983	15.98 0.02 0.00	18.36 0.06 0.00	23.73 0.22 0.00	21.80 0.21 0.00	23.39 0.30 0.00	26.91 0.61 0.00	33.02 1.04 0.00	36.19 1.19 0.00	36.75 1.47 0.00	34.36 1.42 0.00	37.26 1.51 0.00	37.36 1.52 0.00	41.42 1.73 0.00	46.64 1.88 0.00	45.28 1.82 0.00	39.67 1.46 0.00	42.14 1.58 0.00	44.99 1.59 0.00	41.71 1.49 0.00	39.61 1.38 0.00	37.72 1.29 0.00	32.35 1.10 0.00	38.19 1.18 0.00	31.03 0.81 0.00
BORALEX_4TH_BRANCH 23824	16.98 1.03 0.00	19.47 1.17 0.00	24.95 1.45 0.00	22.94 1.35 0.00	24.60 1.51 0.00	28.13 1.83 0.00	34.10 2.13 0.00	37.45 2.45 0.00	37.53 2.25 0.00	34.96 2.02 0.00	37.98 2.23 0.00	38.10 2.26 0.00	42.18 2.49 0.00	47.65 2.89 0.00	46.22 2.78 0.00	40.59 2.38 0.00	43.07 2.52 0.00	46.21 2.81 0.00	42.72 2.50 0.00	40.67 2.44 0.00	38.75 2.33 0.00	33.37 2.12 0.00	39.44 2.42 0.00	32.05 1.82 0.00
BOWLINE___1 23526	16.91 0.95 0.00	19.29 0.99 0.00	24.58 1.08 0.00	22.58 0.99 0.00	24.28 1.19 0.00	27.79 1.49 0.00	33.87 1.89 0.00	37.21 2.21 0.00	37.17 1.89 0.00	34.63 1.69 0.00	37.67 1.93 0.00	37.86 2.02 0.00	41.76 2.07 0.00	47.15 2.39 0.00	45.84 2.39 0.00	40.36 2.16 0.00	42.88 2.33 0.00	46.06 2.66 0.00	42.75 2.53 0.00	40.58 2.35 0.00	38.67 2.24 0.00	33.14 1.89 0.00	39.24 2.22 0.00	31.83 1.61 0.00
BOWLINE___2 23595	16.91 0.95 0.00	19.29 0.99 0.00	24.58 1.08 0.00	22.58 0.99 0.00	24.28 1.19 0.00	27.79 1.49 0.00	33.87 1.89 0.00	37.21 2.21 0.00	37.17 1.89 0.00	34.63 1.69 0.00	37.67 1.93 0.00	37.86 2.03 0.00	41.76 2.07 0.00	47.15 2.39 0.00	45.84 2.39 0.00	40.36 2.16 0.00	42.88 2.33 0.00	46.06 2.66 0.00	42.75 2.53 0.00	40.58 2.35 0.00	38.67 2.24 0.00	33.14 1.89 0.00	39.24 2.22 0.00	31.83 1.61 0.00
BRADY___115KV_TB2 356060	14.82 -1.13 0.00	16.91 -1.39 0.00	21.61 -1.89 0.00	19.90 -1.68 0.00	21.40 -1.69 0.00	25.06 -1.24 0.00	31.06 -0.92 0.00	34.19 -0.82 0.00	36.34 1.05 0.00	34.50 1.56 0.00	37.11 1.36 0.00	37.17 1.34 0.00	41.55 1.86 0.00	46.54 1.77 0.00	45.08 1.63 0.00	38.97 0.76 0.00	41.25 0.69 0.00	43.61 0.21 0.00	40.14 -0.08 0.00	38.47 0.25 0.00	36.98 0.55 0.00	31.74 0.50 0.00	37.73 0.72 0.00	30.35 0.12 0.00
BRANSCOMB___SOLAR 323811	16.88 0.92 0.00	19.35 1.05 0.00	24.82 1.32 0.00	22.79 1.20 0.00	24.42 1.32 0.00	27.99 1.69 0.00	34.09 2.12 0.00	37.38 2.38 0.00	37.63 2.35 0.00	35.09 2.15 0.00	38.07 2.32 0.00	38.14 2.31 0.00	42.21 2.52 0.00	47.53 2.77 0.00	46.17 2.71 0.00	40.62 2.42 0.00	43.07 2.52 0.00	46.19 2.79 0.00	42.75 2.53 0.00	40.68 2.45 0.00	38.73 2.30 0.00	33.25 2.00 0.00	39.29 2.28 0.00	31.92 1.70 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.30 1.57 -3.78	19.96 1.65 0.00	25.37 1.86 0.00	23.09 1.50 0.00	25.10 2.00 0.00	28.56 2.26 0.00	34.62 2.64 0.00	37.67 2.66 0.00	37.53 2.25 0.00	35.08 2.14 0.00	38.53 2.78 0.00	39.18 3.17 -0.17	42.41 2.72 0.00	47.67 2.91 0.00	46.34 2.88 0.00	41.08 2.87 0.00	43.38 2.83 0.01	44.84 3.11 1.68	45.22 2.97 -1.84	41.19 2.83 0.01	39.25 2.83 0.01	33.46 2.22 0.01	39.56 2.55 0.00	32.41 2.18 0.00

BRISTLHL_115KV_TB1 79998	15.73 -0.22 0.00	18.07 -0.23 0.00	23.20 -0.31 0.00	21.32 -0.27 0.00	22.81 -0.29 0.00	25.90 -0.40 0.00	31.45 -0.52 0.00	34.37 -0.64 0.00	34.60 -0.68 0.00	32.27 -0.66 0.00	35.02 -0.72 0.00	35.10 -0.74 0.00	38.91 -0.79 0.00	43.89 -0.87 0.00	42.61 -0.84 0.00	37.49 -0.72 0.00	39.87 -0.69 0.00	42.67 -0.74 0.00	39.55 -0.67 0.00	37.55 -0.68 0.00	35.76 -0.66 0.00	30.65 -0.59 0.00	36.31 -0.71 0.00	29.76 -0.47 0.00
BROOKHAVEN___DRP 24191	21.08 1.37 -3.75	19.81 1.51 0.00	25.13 1.63 0.00	22.70 1.11 0.00	24.82 1.72 0.00	28.17 1.87 0.00	34.35 2.37 0.00	37.40 2.40 0.00	36.81 1.53 0.00	5.07 1.40 29.27	26.67 1.98 11.06	38.74 2.74 -0.16	41.87 2.18 0.00	47.13 2.37 0.00	45.82 2.37 0.00	40.64 2.44 0.00	43.09 2.54 0.01	44.40 2.82 1.82	44.66 2.87 -1.57	41.02 2.80 0.01	38.93 2.51 0.01	33.03 1.79 0.01	39.11 2.09 0.00	32.03 1.80 0.00
BROOKLYN_NAVY_YARD 23515	17.05 1.10 0.00	19.44 1.14 0.00	24.77 1.26 0.00	22.73 1.15 0.00	24.45 1.35 0.00	27.98 1.68 0.00	34.05 2.07 0.00	37.44 2.44 0.00	37.46 2.18 0.00	34.94 2.01 0.00	38.02 2.27 0.00	38.23 2.39 0.00	42.15 2.46 0.00	47.59 2.83 0.00	46.32 2.87 0.00	40.77 2.56 0.00	43.22 2.66 0.00	46.39 2.98 0.00	43.02 2.80 0.00	40.87 2.64 0.00	38.92 2.49 0.00	33.34 2.08 0.00	39.47 2.46 0.00	32.03 1.80 0.00
BROOKLYN___ARMY_DRP 323595	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
BROOKVLE_69_KV_TB1 55790	22.06 1.38 -4.72	19.76 1.45 0.00	25.15 1.65 0.00	23.02 1.43 0.00	24.84 1.74 0.00	28.36 2.06 0.00	34.46 2.48 0.00	37.74 2.74 0.00	37.73 2.45 0.00	35.24 2.31 0.00	38.56 2.77 -0.04	39.32 2.95 -0.54	42.50 2.81 0.00	47.91 3.15 0.00	46.59 3.14 0.00	41.12 2.91 0.00	43.63 3.07 0.00	48.12 3.42 -1.30	51.50 3.32 -7.97	41.34 3.11 0.00	39.29 2.87 0.00	33.60 2.35 0.00	39.75 2.73 0.00	32.35 2.12 0.00
BROOME_2_LFGE 323671	16.12 0.16 0.00	18.53 0.23 0.00	23.74 0.24 0.00	21.90 0.31 0.00	23.49 0.39 0.00	26.69 0.39 0.00	32.63 0.65 0.00	35.54 0.54 0.00	35.76 0.48 0.00	33.38 0.38 -0.06	37.36 0.44 -1.17	36.30 0.46 0.00	40.20 0.51 0.00	45.90 0.58 -0.55	44.82 0.53 -0.84	39.01 0.48 -0.32	41.33 0.58 -0.19	44.08 0.63 -0.05	40.88 0.66 0.00	38.79 0.56 0.00	36.92 0.50 0.00	31.64 0.39 0.00	37.48 0.47 0.00	30.46 0.24 0.00
BROOME___LFGE 323600	16.12 0.16 0.00	18.53 0.23 0.00	23.74 0.24 0.00	21.90 0.31 0.00	23.49 0.39 0.00	26.69 0.39 0.00	32.63 0.65 0.00	35.54 0.54 0.00	35.76 0.48 0.00	33.38 0.38 -0.06	37.36 0.44 -1.17	36.30 0.46 0.00	40.20 0.51 0.00	45.90 0.58 -0.55	44.82 0.53 -0.84	39.01 0.48 -0.32	41.33 0.58 -0.19	44.08 0.63 -0.05	40.88 0.66 0.00	38.79 0.56 0.00	36.92 0.50 0.00	31.64 0.39 0.00	37.48 0.47 0.00	30.46 0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	15.17 -0.79 0.00	17.39 -0.91 0.00	22.48 -1.03 0.00	20.64 -0.95 0.00	22.17 -0.92 0.00	25.82 -0.48 0.00	31.95 -0.03 0.00	35.15 0.15 0.00	36.56 1.27 0.00	34.49 1.55 0.00	37.37 1.63 0.00	37.45 1.61 0.00	41.69 1.99 0.00	46.77 2.01 0.00	45.31 1.86 0.00	39.24 1.03 0.00	41.55 0.99 0.00	44.17 0.76 0.00	40.85 0.63 0.00	38.96 0.73 0.00	37.30 0.87 0.00	32.07 0.82 0.00	37.95 0.93 0.00	30.65 0.42 0.00
BROWNSV1_27_KV_LOAD 356125	17.24 1.28 0.00	19.64 1.33 0.00	25.01 1.51 0.00	22.95 1.37 0.00	24.68 1.58 0.00	28.25 1.95 0.00	34.41 2.44 0.00	37.86 2.86 0.00	37.89 2.61 0.00	35.36 2.42 0.00	38.48 2.74 0.00	38.69 2.86 0.00	42.67 2.98 0.00	48.17 3.41 0.00	46.88 3.43 0.00	41.26 3.06 0.00	43.76 3.20 0.00	46.96 3.56 0.00	43.55 3.33 0.00	41.38 3.16 0.00	39.40 2.97 0.00	33.73 2.49 0.00	39.94 2.93 0.00	32.40 2.17 0.00
BURROWS___LYONSDAL 23803	15.84 -0.12 0.00	18.22 -0.08 0.00	23.59 0.08 0.00	21.66 0.07 0.00	23.27 0.17 0.00	26.84 0.54 0.00	32.99 1.01 0.00	36.18 1.18 0.00	36.80 1.52 0.00	34.43 1.50 0.00	37.34 1.59 0.00	37.44 1.60 0.00	41.52 1.83 0.00	46.73 1.97 0.00	45.36 1.91 0.00	39.68 1.48 0.00	42.13 1.57 0.00	44.98 1.57 0.00	41.70 1.49 0.00	39.60 1.38 0.00	37.73 1.31 0.00	32.35 1.10 0.00	38.20 1.19 0.00	31.01 0.79 0.00
CAITHNESS_CC_1 323624	21.07 1.37 -3.75	19.79 1.49 0.00	25.11 1.60 0.00	22.73 1.14 0.00	24.81 1.71 0.00	28.17 1.87 0.00	34.28 2.30 0.00	37.33 2.33 0.00	36.87 1.59 0.00	5.16 1.49 29.27	26.77 2.08 11.06	38.72 2.72 -0.16	41.85 2.16 0.00	47.09 2.33 0.00	45.78 2.33 0.00	40.60 2.40 0.00	43.03 2.48 0.01	44.34 2.76 1.83	44.60 2.81 -1.56	40.93 2.71 0.01	38.86 2.44 0.01	33.02 1.78 0.01	39.10 2.08 0.00	32.02 1.80 0.00
CALPINE BETH_PAGE_GT4 24209	21.57 1.45 -4.16	19.84 1.53 0.00	25.23 1.72 0.00	23.03 1.45 0.00	24.94 1.85 0.00	28.43 2.13 0.00	34.42 2.44 0.00	37.58 2.57 0.00	37.51 2.23 0.00	35.07 2.14 0.00	38.47 2.70 -0.03	39.18 2.95 -0.39	42.29 2.60 0.00	47.62 2.86 0.00	46.30 2.85 0.00	40.95 2.74 0.00	43.42 2.86 0.00	46.55 3.15 0.00	48.48 3.17 -5.10	41.21 2.98 0.00	39.13 2.70 0.00	33.45 2.20 0.00	39.55 2.54 0.00	32.29 2.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.57 1.45 -4.16	19.84 1.53 0.00	25.23 1.72 0.00	23.03 1.45 0.00	24.95 1.85 0.00	28.43 2.13 0.00	34.42 2.44 0.00	37.57 2.57 0.00	37.51 2.23 0.00	35.07 2.13 0.00	38.48 2.70 -0.03	39.18 2.95 -0.39	42.28 2.60 0.00	47.62 2.86 0.00	46.30 2.85 0.00	40.95 2.74 0.00	43.42 2.86 0.00	46.56 3.15 0.00	48.48 3.17 -5.10	41.21 2.98 0.00	39.13 2.70 0.00	33.44 2.19 0.00	39.55 2.53 0.00	32.29 2.07 0.00
CALPINE_BP_GT1 23823	21.57 1.45 -4.16	19.84 1.53 0.00	25.23 1.72 0.00	23.03 1.45 0.00	24.95 1.85 0.00	28.43 2.13 0.00	34.42 2.44 0.00	37.57 2.57 0.00	37.51 2.23 0.00	35.07 2.13 0.00	38.48 2.70 -0.03	39.18 2.95 -0.39	42.28 2.60 0.00	47.62 2.86 0.00	46.30 2.85 0.00	40.95 2.74 0.00	43.42 2.86 0.00	46.56 3.15 0.00	48.48 3.17 -5.10	41.21 2.98 0.00	39.13 2.70 0.00	33.44 2.19 0.00	39.55 2.53 0.00	32.29 2.07 0.00
CALSPAN___DRP 24200	15.54 -0.42 0.00	18.06 -0.24 0.00	23.02 -0.48 0.00	21.24 -0.34 0.00	22.94 -0.16 0.00	26.14 -0.16 0.00	31.63 -0.35 0.00	33.84 -1.17 0.00	34.30 -0.99 0.00	32.22 -0.72 0.00	34.77 -0.97 0.00	34.65 -1.19 0.00	38.71 -0.99 0.00	43.63 -1.13 0.00	42.19 -1.26 0.00	37.16 -1.05 0.00	39.72 -0.83 0.00	42.02 -1.38 0.00	39.03 -1.19 0.00	36.82 -1.41 0.00	35.04 -1.39 0.00	30.13 -1.12 0.00	35.86 -1.16 0.00	29.24 -0.99 0.00

CALVERTON___SOLAR 323806	21.08 1.38 -3.75	19.84 1.54 0.00	25.16 1.65 0.00	22.68 1.09 0.00	24.82 1.73 0.00	28.16 1.86 0.00	34.39 2.42 0.00	37.45 2.45 0.00	36.78 1.49 0.00	6.44 1.34 27.83	27.14 1.91 10.51	38.78 2.78 -0.16	41.88 2.19 0.00	47.16 2.40 0.00	45.85 2.39 0.00	40.68 2.47 0.00	43.14 2.59 0.01	44.47 2.89 1.82	44.72 2.92 -1.57	41.09 2.87 0.01	38.99 2.57 0.01	33.04 1.79 0.01	39.12 2.11 0.00	32.03 1.80 0.00
CANDIGU_WT_PWR 323617	15.24 -0.72 0.00	17.97 -0.34 0.00	23.22 -0.29 0.00	21.57 -0.02 0.00	23.18 0.08 0.00	26.30 0.00 0.00	32.28 0.30 0.00	34.72 -0.28 0.00	34.96 -0.32 0.00	32.48 -0.51 -0.06	36.32 -0.62 -1.20	35.16 -0.67 0.00	39.05 -0.64 0.00	44.72 -0.60 -0.56	43.77 -0.54 -0.86	38.07 -0.46 -0.33	40.47 -0.28 -0.19	42.93 -0.52 -0.05	39.75 -0.47 0.00	37.43 -0.80 0.00	35.50 -0.92 0.00	30.30 -0.95 0.00	35.65 -1.37 0.00	28.94 -1.29 0.00
CARR STREET_E_SYR 24060	15.83 -0.12 0.00	18.19 -0.11 0.00	23.34 -0.17 0.00	21.45 -0.13 0.00	22.96 -0.13 0.00	26.08 -0.22 0.00	31.70 -0.28 0.00	34.62 -0.39 0.00	34.86 -0.42 0.00	32.53 -0.40 0.00	35.31 -0.43 0.00	35.38 -0.45 0.00	39.22 -0.47 0.00	44.24 -0.52 0.00	42.95 -0.50 0.00	37.72 -0.49 0.00	40.07 -0.48 0.00	42.84 -0.56 0.00	39.72 -0.50 0.00	37.71 -0.52 0.00	35.99 -0.43 0.00	30.86 -0.39 0.00	36.56 -0.46 0.00	29.93 -0.30 0.00
CARTHAGE___PAPER 23857	15.63 -0.33 0.00	17.94 -0.36 0.00	23.38 -0.13 0.00	21.42 -0.17 0.00	23.07 -0.03 0.00	26.80 0.50 0.00	33.15 1.17 0.00	36.46 1.45 0.00	37.35 2.06 0.00	35.03 2.09 0.00	37.95 2.21 0.00	38.03 2.19 0.00	42.22 2.53 0.00	47.43 2.67 0.00	45.99 2.54 0.00	40.10 1.89 0.00	42.57 2.01 0.00	45.43 2.02 0.00	42.18 1.96 0.00	40.05 1.82 0.00	38.18 1.75 0.00	32.72 1.48 0.00	38.56 1.55 0.00	31.23 1.00 0.00
CASSADAGA_WT_PWR 323784	15.62 -0.33 0.00	18.26 -0.05 0.00	23.25 -0.25 0.00	21.28 -0.30 0.00	23.18 0.08 0.00	26.35 0.05 0.00	32.06 0.08 0.00	34.26 -0.74 0.00	34.99 -0.29 0.00	33.17 0.42 0.18	32.53 0.38 3.60	36.08 0.24 0.00	40.27 0.58 0.00	43.72 0.64 1.69	41.31 0.45 2.58	37.68 0.46 0.99	40.75 0.77 0.58	43.64 0.39 0.15	40.60 0.38 0.00	38.16 -0.07 0.00	36.37 -0.05 0.00	31.15 -0.10 0.00	36.75 -0.27 0.00	29.76 -0.46 0.00
CE_DUNWOOD___DRP 24194	16.99 1.03 0.00	19.39 1.09 0.00	24.72 1.22 0.00	22.69 1.10 0.00	24.39 1.29 0.00	27.90 1.60 0.00	33.98 2.00 0.00	37.33 2.33 0.00	37.36 2.07 0.00	34.84 1.90 0.00	37.91 2.16 0.00	38.10 2.26 0.00	42.01 2.32 0.00	47.42 2.65 0.00	46.12 2.67 0.00	40.60 2.40 0.00	43.09 2.54 0.00	46.26 2.86 0.00	42.91 2.53 0.00	40.75 2.53 0.00	38.81 2.38 0.00	33.25 2.00 0.00	39.38 2.36 0.00	31.96 1.73 0.00
CE_MILLWOOD___DRP 24193	16.95 0.99 0.00	19.33 1.03 0.00	24.65 1.15 0.00	22.63 1.05 0.00	24.34 1.25 0.00	27.84 1.55 0.00	33.92 1.94 0.00	37.26 2.26 0.00	37.28 2.00 0.00	34.76 1.82 0.00	37.82 2.07 0.00	38.00 2.17 0.00	41.92 2.23 0.00	47.31 2.55 0.00	46.01 2.56 0.00	40.51 2.30 0.00	43.00 2.45 0.00	46.16 2.76 0.00	42.82 2.60 0.00	40.67 2.44 0.00	38.73 2.31 0.00	33.19 1.95 0.00	39.31 2.29 0.00	31.90 1.67 0.00
CE_NYC2_DRP 24202	17.09 1.13 0.00	19.47 1.17 0.00	24.80 1.29 0.00	22.76 1.17 0.00	24.47 1.37 0.00	28.01 1.71 0.00	34.11 2.13 0.00	37.54 2.54 0.00	37.55 2.27 0.00	35.05 2.11 0.00	38.12 2.37 0.00	38.34 2.50 0.00	42.27 2.58 0.00	47.71 2.95 0.00	46.43 2.97 0.00	40.88 2.67 0.00	43.33 2.78 0.00	46.47 3.07 0.00	43.12 2.91 0.00	41.01 2.78 0.00	39.03 2.61 0.00	33.41 2.17 0.00	39.59 2.58 0.00	32.15 1.92 0.00
CE_NYC_DRP 24195	17.12 1.16 0.00	19.51 1.21 0.00	24.86 1.35 0.00	22.81 1.23 0.00	24.53 1.44 0.00	28.07 1.77 0.00	34.16 2.18 0.00	37.56 2.56 0.00	37.58 2.30 0.00	35.07 2.14 0.00	38.17 2.42 0.00	38.38 2.54 0.00	42.33 2.64 0.00	47.79 3.03 0.00	46.52 3.06 0.00	40.93 2.72 0.00	43.38 2.83 0.00	46.55 3.15 0.00	43.18 2.96 0.00	41.00 2.77 0.00	39.04 2.61 0.00	33.43 2.18 0.00	39.58 2.57 0.00	32.11 1.89 0.00
CHAFFEE___LFGE 323603	15.67 -0.28 0.00	18.19 -0.11 0.00	23.18 -0.32 0.00	21.41 -0.17 0.00	23.11 0.01 0.00	26.34 0.04 0.00	31.93 -0.05 0.00	34.18 -0.82 0.00	34.62 -0.66 0.00	32.30 -0.45 0.18	31.45 -0.65 3.64	34.97 -0.87 0.00	39.02 -0.67 0.00	42.30 -0.75 1.70	39.95 -0.89 2.61	36.50 -0.71 1.00	39.50 -0.47 0.59	42.28 -0.96 0.15	39.40 -0.82 0.00	37.12 -1.10 0.00	35.38 -1.05 0.00	30.40 -0.85 0.00	36.22 -0.79 0.00	29.49 -0.73 0.00
CHATEAUG_35_KV_LOAD 355732	14.41 -1.55 0.00	16.39 -1.92 0.00	20.94 -2.57 0.00	19.36 -2.22 0.00	20.91 -2.19 0.00	24.57 -1.73 0.00	30.35 -1.63 0.00	33.43 -1.58 0.00	35.69 0.41 0.00	33.88 0.95 0.00	36.51 0.76 0.00	36.60 0.76 0.00	40.88 1.19 0.00	45.77 1.01 0.00	44.38 0.93 0.00	38.30 0.09 0.00	40.14 -0.41 0.00	42.29 -1.11 0.00	38.82 -1.40 0.00	37.41 -0.82 0.00	36.01 -0.42 0.00	30.96 -0.29 0.00	36.90 -0.11 0.00	29.68 -0.55 0.00
CHATEAUG_WT_PWR 323614	14.40 -1.55 0.00	16.41 -1.90 0.00	20.97 -2.54 0.00	19.39 -2.19 0.00	20.95 -2.15 0.00	24.62 -1.68 0.00	30.38 -1.60 0.00	33.44 -1.56 0.00	35.66 0.38 0.00	33.86 0.92 0.00	36.50 0.76 0.00	36.60 0.76 0.00	40.85 1.16 0.00	45.74 0.98 0.00	44.39 0.94 0.00	38.32 0.11 0.00	40.08 -0.48 0.00	42.20 -1.20 0.00	38.74 -1.49 0.00	37.33 -0.90 0.00	35.96 -0.46 0.00	30.92 -0.33 0.00	36.89 -0.13 0.00	29.70 -0.53 0.00
CHAT_HIGH_FALL_HYD 323578	14.41 -1.55 0.00	16.39 -1.92 0.00	20.94 -2.57 0.00	19.36 -2.22 0.00	20.91 -2.19 0.00	24.57 -1.73 0.00	30.35 -1.63 0.00	33.43 -1.58 0.00	35.69 0.41 0.00	33.88 0.95 0.00	36.51 0.76 0.00	36.60 0.76 0.00	40.88 1.19 0.00	45.77 1.01 0.00	44.38 0.93 0.00	38.30 0.09 0.00	40.14 -0.41 0.00	42.29 -1.11 0.00	38.82 -1.40 0.00	37.41 -0.82 0.00	36.01 -0.42 0.00	30.96 -0.29 0.00	36.90 -0.11 0.00	29.68 -0.55 0.00
CHAUTAUQUA___LFGE 323629	15.54 -0.42 0.00	18.09 -0.22 0.00	23.06 -0.44 0.00	21.21 -0.37 0.00	22.97 -0.12 0.00	26.16 -0.14 0.00	31.73 -0.25 0.00	33.96 -1.05 0.00	34.55 -0.74 0.00	32.53 -0.23 0.17	31.98 -0.45 3.32	35.19 -0.65 0.00	39.26 -0.43 0.00	42.71 -0.49 1.55	40.45 -0.63 2.38	36.85 -0.45 0.91	39.85 -0.17 0.54	42.63 -0.63 0.14	39.68 -0.54 0.00	37.38 -0.85 0.00	35.58 -0.84 0.00	30.53 -0.71 0.00	36.19 -0.83 0.00	29.43 -0.80 0.00
CHERRYST_13_KV_LD 356241	17.16 1.21 0.00	19.57 1.26 0.00	24.93 1.42 0.00	22.87 1.29 0.00	24.60 1.51 0.00	28.15 1.85 0.00	34.27 2.29 0.00	37.68 2.68 0.00	37.71 2.43 0.00	35.20 2.26 0.00	38.30 2.55 0.00	38.52 2.68 0.00	42.48 2.79 0.00	47.96 3.20 0.00	46.69 3.24 0.00	41.08 2.87 0.00	43.54 2.98 0.00	46.72 3.32 0.00	43.32 3.09 0.00	41.14 2.91 0.00	39.15 2.73 0.00	33.53 2.29 0.00	39.70 2.68 0.00	32.20 1.98 0.00

CHESTROR_138KV_BK263 355645	16.85 0.89 0.00	19.23 0.93 0.00	24.53 1.02 0.00	22.54 0.95 0.00	24.22 1.13 0.00	27.70 1.40 0.00	33.78 1.80 0.00	37.10 2.09 0.00	37.11 1.82 0.00	34.57 1.64 0.00	37.61 1.87 0.00	37.79 1.95 0.00	41.69 2.00 0.00	47.08 2.32 0.00	45.77 2.32 0.00	40.29 2.08 0.00	42.80 2.25 0.00	45.97 2.56 0.00	42.64 2.42 0.00	40.49 2.26 0.00	38.56 2.14 0.00	33.06 1.81 0.00	39.13 2.11 0.00	31.75 1.53 0.00
CH_MIDHUDSON___DRP 24192	16.85 0.89 0.00	19.23 0.93 0.00	24.57 1.07 0.00	22.56 0.97 0.00	24.21 1.12 0.00	27.68 1.38 0.00	33.75 1.77 0.00	37.10 2.09 0.00	37.19 1.91 0.00	34.71 1.77 0.00	37.76 2.02 0.00	37.92 2.08 0.00	41.84 2.15 0.00	47.21 2.45 0.00	45.90 2.45 0.00	40.41 2.21 0.00	42.89 2.34 0.00	46.04 2.64 0.00	42.68 2.46 0.00	40.55 2.32 0.00	38.61 2.18 0.00	33.08 1.83 0.00	39.17 2.15 0.00	31.80 1.57 0.00
CH_MISC_IPPS 23765	16.99 1.03 0.00	19.38 1.08 0.00	24.74 1.24 0.00	22.72 1.14 0.00	24.40 1.31 0.00	27.91 1.61 0.00	34.06 2.09 0.00	37.44 2.44 0.00	37.51 2.23 0.00	34.99 2.06 0.00	38.08 2.33 0.00	38.25 2.41 0.00	42.20 2.51 0.00	47.63 2.87 0.00	46.31 2.86 0.00	40.77 2.56 0.00	43.31 2.76 0.00	46.50 3.10 0.00	43.11 2.89 0.00	40.94 2.72 0.00	38.98 2.55 0.00	33.39 2.14 0.00	39.51 2.49 0.00	32.06 1.83 0.00
CH_RES_BVR_FALLS 23983	15.15 -0.81 0.00	17.33 -0.97 0.00	22.23 -1.27 0.00	20.42 -1.17 0.00	21.94 -1.15 0.00	25.35 -0.95 0.00	31.09 -0.88 0.00	34.13 -0.87 0.00	35.33 0.04 0.00	33.25 0.32 0.00	35.95 0.20 0.00	36.03 0.19 0.00	40.08 0.39 0.00	45.06 0.30 0.00	43.68 0.23 0.00	38.07 -0.14 0.00	40.32 -0.24 0.00	42.89 -0.52 0.00	39.61 -0.61 0.00	37.82 -0.41 0.00	36.20 -0.23 0.00	31.08 -0.17 0.00	36.90 -0.12 0.00	29.93 -0.30 0.00
CH_RES_NIAGARA 23895	15.00 -0.96 0.00	17.37 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.03 -1.06 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.30 -2.70 0.00	32.74 -2.54 0.00	30.80 -2.13 0.00	33.17 -2.58 0.00	32.94 -2.90 0.00	36.84 -2.85 0.00	41.50 -3.26 0.00	40.10 -3.35 0.00	35.31 -2.90 0.00	37.71 -2.85 0.00	39.87 -3.53 0.00	37.00 -3.21 0.00	35.00 -3.23 0.00	33.34 -3.09 0.00	28.75 -2.49 0.00	34.41 -2.60 0.00	28.18 -2.05 0.00
CH_RES_SYRACUSE 23985	15.91 -0.04 0.00	18.29 -0.02 0.00	23.46 -0.04 0.00	21.56 -0.02 0.00	23.09 -0.01 0.00	26.23 -0.07 0.00	31.91 -0.07 0.00	34.84 -0.16 0.00	35.08 -0.20 0.00	32.72 -0.21 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.46 -0.23 0.00	44.52 -0.24 0.00	43.23 -0.22 0.00	38.02 -0.18 0.00	40.44 -0.12 0.00	43.27 -0.14 0.00	40.09 -0.12 0.00	38.06 -0.17 0.00	36.24 -0.18 0.00	31.07 -0.18 0.00	36.81 -0.21 0.00	30.11 -0.11 0.00
CLINTON_WT_PWR 323605	14.40 -1.55 0.00	16.41 -1.90 0.00	20.97 -2.54 0.00	19.39 -2.19 0.00	20.95 -2.15 0.00	24.62 -1.68 0.00	30.38 -1.60 0.00	33.44 -1.56 0.00	35.66 0.38 0.00	33.86 0.92 0.00	36.50 0.76 0.00	36.60 0.76 0.00	40.85 1.16 0.00	45.74 0.98 0.00	44.39 0.94 0.00	38.32 0.11 0.00	40.08 -0.48 0.00	42.20 -1.20 0.00	38.74 -1.49 0.00	37.33 -0.90 0.00	35.96 -0.46 0.00	30.92 -0.33 0.00	36.89 -0.13 0.00	29.70 -0.53 0.00
CLINTON___LFGE 323618	14.59 -1.37 0.00	16.59 -1.71 0.00	21.22 -2.29 0.00	19.62 -1.97 0.00	21.19 -1.91 0.00	24.91 -1.39 0.00	30.78 -1.20 0.00	33.89 -1.11 0.00	36.15 0.87 0.00	34.32 1.39 0.00	37.02 1.27 0.00	37.11 1.28 0.00	41.41 1.72 0.00	46.40 1.64 0.00	45.01 1.56 0.00	38.87 0.67 0.00	40.54 -0.02 0.00	42.78 -0.63 0.00	39.40 -0.81 0.00	37.93 -0.29 0.00	36.54 0.11 0.00	31.42 0.17 0.00	37.49 0.48 0.00	30.16 -0.06 0.00
COBBLENY_34_KV_TB1 80064	15.67 -0.28 0.00	18.19 -0.11 0.00	23.18 -0.32 0.00	21.41 -0.17 0.00	23.10 0.00 0.00	26.34 0.04 0.00	31.93 -0.05 0.00	34.18 -0.82 0.00	34.62 -0.66 0.00	32.49 -0.45 0.00	35.08 -0.66 0.00	34.98 -0.86 0.00	39.02 -0.67 0.00	44.03 -0.73 0.00	42.55 -0.89 0.00	37.50 -0.71 0.00	40.08 -0.47 0.00	42.44 -0.96 0.00	39.40 -0.82 0.00	37.13 -1.10 0.00	35.38 -1.04 0.00	30.42 -0.83 0.00	36.22 -0.80 0.00	29.49 -0.73 0.00
COFFEEN___115KV_TB3 355620	15.78 -0.17 0.00	18.09 -0.21 0.00	23.62 0.11 0.00	21.61 0.03 0.00	23.29 0.19 0.00	27.02 0.72 0.00	33.44 1.46 0.00	36.77 1.77 0.00	37.51 2.23 0.00	35.09 2.15 0.00	37.99 2.24 0.00	38.06 2.22 0.00	42.27 2.58 0.00	47.56 2.80 0.00	46.10 2.65 0.00	40.26 2.05 0.00	42.82 2.26 0.00	45.75 2.35 0.00	42.54 2.32 0.00	40.35 2.12 0.00	38.42 2.00 0.00	32.89 1.64 0.00	38.67 1.65 0.00	31.35 1.12 0.00
COLDSPRG_115KV_BK1 355956	16.23 0.27 0.00	18.90 0.59 0.00	24.04 0.53 0.00	22.18 0.60 0.00	24.04 0.94 0.00	27.25 0.95 0.00	33.15 1.18 0.00	35.52 0.52 0.00	36.01 0.73 0.00	33.97 1.04 0.00	36.89 1.14 0.00	36.87 1.03 0.00	41.17 1.48 0.00	46.47 1.70 0.00	44.83 1.38 0.00	39.33 1.12 0.00	42.04 1.48 0.00	44.56 1.16 0.00	41.40 1.18 0.00	38.96 0.74 0.00	37.12 0.69 0.00	31.88 0.63 0.00	37.81 0.79 0.00	30.61 0.38 0.00
COLONIE_LFGE___ 323577	16.64 0.69 0.00	19.09 0.78 0.00	24.50 0.99 0.00	22.48 0.90 0.00	24.07 0.97 0.00	27.52 1.22 0.00	33.45 1.47 0.00	36.70 1.69 0.00	36.88 1.60 0.00	34.39 1.46 0.00	37.36 1.61 0.00	37.46 1.62 0.00	41.45 1.76 0.00	46.75 1.99 0.00	45.38 1.93 0.00	39.91 1.70 0.00	42.32 1.76 0.00	45.38 1.98 0.00	41.99 1.77 0.00	39.95 1.72 0.00	38.06 1.64 0.00	32.69 1.44 0.00	38.64 1.63 0.00	31.45 1.23 0.00
COOPERNY_115KV_TB1 80082	16.58 0.62 0.00	18.95 0.64 0.00	24.23 0.73 0.00	22.26 0.67 0.00	23.89 0.80 0.00	27.27 0.97 0.00	33.22 1.25 0.00	36.43 1.43 0.00	36.50 1.22 0.00	34.03 1.10 0.00	36.99 1.25 0.00	37.15 1.32 0.00	41.01 1.32 0.00	46.30 1.54 0.00	44.98 1.52 0.00	39.60 1.40 0.00	42.05 1.50 0.00	45.12 1.72 0.00	41.87 1.65 0.00	39.76 1.53 0.00	37.88 1.45 0.00	32.50 1.25 0.00	38.45 1.44 0.00	31.25 1.03 0.00
COPENHAGEN_WT_PWR 323753	15.51 -0.45 0.00	17.75 -0.56 0.00	23.28 -0.23 0.00	21.28 -0.30 0.00	22.97 -0.12 0.00	26.69 0.39 0.00	33.00 1.02 0.00	36.30 1.30 0.00	37.01 1.73 0.00	34.66 1.72 0.00	37.55 1.80 0.00	37.63 1.79 0.00	41.77 2.08 0.00	46.98 2.22 0.00	45.55 2.10 0.00	39.75 1.54 0.00	42.21 1.65 0.00	45.09 1.69 0.00	41.95 1.74 0.00	39.79 1.57 0.00	37.91 1.48 0.00	32.50 1.25 0.00	38.23 1.22 0.00	31.01 0.78 0.00
CORNELL_____ 23752	16.20 0.24 0.00	18.64 0.33 0.00	23.90 0.39 0.00	22.01 0.43 0.00	23.62 0.52 0.00	26.89 0.59 0.00	32.89 0.91 0.00	35.90 0.90 0.00	36.15 0.87 0.00	33.70 0.77 0.00	36.57 0.82 0.00	36.63 0.79 0.00	40.64 0.95 0.00	45.86 1.10 0.00	44.52 1.07 0.00	39.19 0.99 0.00	41.74 1.19 0.00	44.67 1.27 0.00	41.46 1.24 0.00	39.31 1.08 0.00	37.40 0.97 0.00	31.99 0.75 0.00	37.81 0.79 0.00	30.78 0.56 0.00

CORONA__KV_TB1 355595	22.77 1.41 -5.40	19.80 1.49 0.00	25.18 1.68 0.00	23.02 1.43 0.00	24.89 1.80 0.00	28.38 2.08 0.00	34.39 2.41 0.00	37.61 2.61 0.00	37.59 2.30 0.00	35.16 2.23 0.00	38.58 2.71 -0.13	40.05 2.89 -1.32	42.32 2.62 -0.01	47.69 2.93 0.00	46.37 2.92 0.00	40.95 2.74 0.00	43.47 2.89 -0.03	57.00 3.23 -10.37	67.12 3.22 -23.68	41.28 3.02 -0.03	39.19 2.74 -0.03	33.55 2.27 -0.03	39.66 2.63 -0.01	32.33 2.10 0.00
CORTLAND_115KV_TB3 80093	16.12 0.16 0.00	18.52 0.22 0.00	23.76 0.25 0.00	21.88 0.30 0.00	23.46 0.36 0.00	26.69 0.39 0.00	32.60 0.62 0.00	35.60 0.60 0.00	35.87 0.58 0.00	33.44 0.50 0.00	36.28 0.54 0.00	36.37 0.53 0.00	40.32 0.63 0.00	45.48 0.72 0.00	44.15 0.70 0.00	38.85 0.64 0.00	41.33 0.77 0.00	44.21 0.80 0.00	41.00 0.78 0.00	38.91 0.68 0.00	37.04 0.61 0.00	31.71 0.46 0.00	37.53 0.51 0.00	30.57 0.35 0.00
COXSACKIE___GT 23611	16.70 0.74 0.00	19.18 0.87 0.00	24.73 1.23 0.00	22.72 1.13 0.00	24.21 1.12 0.00	27.68 1.38 0.00	33.82 1.85 0.00	37.29 2.29 0.00	37.63 2.35 0.00	35.05 2.11 0.00	38.00 2.26 0.00	38.08 2.25 0.00	42.18 2.49 0.00	47.63 2.87 0.00	46.16 2.71 0.00	40.75 2.54 0.00	43.41 2.85 0.00	46.55 3.14 0.00	43.13 2.91 0.00	40.85 2.62 0.00	38.81 2.39 0.00	33.26 2.01 0.00	39.19 2.18 0.00	31.87 1.64 0.00
CPV_VALLEY___CC1 323721	16.51 0.55 0.00	18.86 0.55 0.00	24.12 0.61 0.00	22.15 0.57 0.00	23.77 0.68 0.00	27.13 0.83 0.00	33.02 1.04 0.00	36.22 1.22 0.00	36.29 1.01 0.00	33.83 0.90 0.00	36.78 1.04 0.00	36.94 1.10 0.00	40.80 1.11 0.00	46.05 1.28 0.00	44.73 1.28 0.00	39.38 1.17 0.00	41.81 1.26 0.00	44.86 1.46 0.00	41.62 1.40 0.00	39.53 1.30 0.00	37.67 1.24 0.00	32.34 1.09 0.00	38.24 1.23 0.00	31.09 0.87 0.00
CPV_VALLEY___CC2 323722	16.51 0.55 0.00	18.86 0.55 0.00	24.12 0.61 0.00	22.15 0.57 0.00	23.77 0.68 0.00	27.13 0.83 0.00	33.02 1.04 0.00	36.22 1.22 0.00	36.29 1.01 0.00	33.83 0.90 0.00	36.78 1.04 0.00	36.94 1.10 0.00	40.80 1.11 0.00	46.05 1.28 0.00	44.73 1.28 0.00	39.38 1.17 0.00	41.81 1.26 0.00	44.86 1.46 0.00	41.62 1.40 0.00	39.53 1.30 0.00	37.67 1.24 0.00	32.34 1.09 0.00	38.24 1.23 0.00	31.09 0.87 0.00
CRESCENT___HYD 24018	16.64 0.69 0.00	19.09 0.78 0.00	24.50 0.99 0.00	22.48 0.90 0.00	24.07 0.97 0.00	27.52 1.22 0.00	33.45 1.47 0.00	36.70 1.69 0.00	36.88 1.60 0.00	34.39 1.46 0.00	37.36 1.61 0.00	37.46 1.62 0.00	41.45 1.76 0.00	46.75 1.99 0.00	45.38 1.93 0.00	39.91 1.70 0.00	42.32 1.76 0.00	45.38 1.98 0.00	41.99 1.77 0.00	39.95 1.72 0.00	38.06 1.64 0.00	32.69 1.44 0.00	38.64 1.63 0.00	31.45 1.23 0.00
CRICKET___VALLEY_CC1 323756	16.66 0.70 0.00	19.02 0.71 0.00	24.28 0.78 0.00	22.31 0.73 0.00	23.93 0.83 0.00	27.39 1.09 0.00	33.37 1.39 0.00	36.70 1.70 0.00	36.85 1.57 0.00	34.41 1.47 0.00	37.43 1.68 0.00	37.56 1.72 0.00	41.42 1.73 0.00	46.75 1.99 0.00	45.46 2.01 0.00	40.01 1.80 0.00	42.42 1.87 0.00	45.53 2.13 0.00	42.18 1.97 0.00	40.09 1.87 0.00	38.18 1.75 0.00	32.76 1.51 0.00	38.80 1.78 0.00	31.52 1.29 0.00
CRICKET___VALLEY_CC2 323757	16.66 0.70 0.00	19.02 0.71 0.00	24.28 0.78 0.00	22.31 0.73 0.00	23.93 0.83 0.00	27.39 1.09 0.00	33.37 1.39 0.00	36.70 1.70 0.00	36.85 1.57 0.00	34.41 1.47 0.00	37.43 1.68 0.00	37.56 1.72 0.00	41.42 1.73 0.00	46.75 1.99 0.00	45.46 2.01 0.00	40.01 1.80 0.00	42.42 1.87 0.00	45.53 2.13 0.00	42.18 1.97 0.00	40.09 1.87 0.00	38.18 1.75 0.00	32.76 1.51 0.00	38.80 1.78 0.00	31.52 1.29 0.00
CRICKET___VALLEY_CC3 323758	16.66 0.70 0.00	19.02 0.71 0.00	24.28 0.78 0.00	22.31 0.73 0.00	23.93 0.83 0.00	27.39 1.09 0.00	33.37 1.39 0.00	36.70 1.70 0.00	36.85 1.57 0.00	34.41 1.47 0.00	37.43 1.68 0.00	37.56 1.72 0.00	41.42 1.73 0.00	46.75 1.99 0.00	45.46 2.01 0.00	40.01 1.80 0.00	42.42 1.87 0.00	45.53 2.13 0.00	42.18 1.97 0.00	40.09 1.87 0.00	38.18 1.75 0.00	32.76 1.51 0.00	38.80 1.78 0.00	31.52 1.29 0.00
CRUCIBLE_METL_DRP 24180	15.91 -0.04 0.00	18.29 -0.02 0.00	23.46 -0.04 0.00	21.56 -0.02 0.00	23.09 -0.01 0.00	26.23 -0.07 0.00	31.91 -0.07 0.00	34.84 -0.16 0.00	35.08 -0.21 0.00	32.72 -0.22 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.46 -0.24 0.00	44.52 -0.24 0.00	43.23 -0.22 0.00	38.02 -0.19 0.00	40.44 -0.12 0.00	43.27 -0.14 0.00	40.09 -0.12 0.00	38.06 -0.17 0.00	36.24 -0.18 0.00	31.06 -0.18 0.00	36.81 -0.21 0.00	30.11 -0.11 0.00
DAHOWA___HYDRO 323763	16.97 1.01 0.00	19.45 1.14 0.00	24.94 1.43 0.00	22.90 1.32 0.00	24.56 1.46 0.00	28.16 1.86 0.00	34.33 2.35 0.00	37.65 2.64 0.00	37.92 2.64 0.00	35.34 2.40 0.00	38.35 2.60 0.00	38.40 2.57 0.00	42.50 2.81 0.00	47.82 3.06 0.00	46.45 3.00 0.00	40.89 2.68 0.00	43.34 2.79 0.00	46.50 3.09 0.00	43.03 2.81 0.00	40.95 2.72 0.00	38.98 2.56 0.00	33.46 2.22 0.00	39.53 2.51 0.00	32.10 1.88 0.00
DANC___LFGE 323619	15.62 -0.34 0.00	17.90 -0.40 0.00	23.28 -0.22 0.00	21.32 -0.26 0.00	22.95 -0.15 0.00	26.44 0.14 0.00	32.47 0.50 0.00	35.66 0.65 0.00	36.23 0.95 0.00	33.89 0.96 0.00	36.73 0.99 0.00	36.81 0.98 0.00	40.85 1.16 0.00	45.99 1.23 0.00	44.59 1.14 0.00	39.03 0.82 0.00	41.47 0.92 0.00	44.29 0.89 0.00	41.18 0.96 0.00	39.08 0.85 0.00	37.22 0.80 0.00	31.93 0.68 0.00	37.63 0.61 0.00	30.61 0.39 0.00
DANSKAMMER___1 23586	16.99 1.03 0.00	19.38 1.08 0.00	24.74 1.24 0.00	22.72 1.14 0.00	24.40 1.31 0.00	27.91 1.61 0.00	34.06 2.09 0.00	37.44 2.44 0.00	37.51 2.23 0.00	34.99 2.06 0.00	38.08 2.33 0.00	38.25 2.41 0.00	42.20 2.51 0.00	47.63 2.87 0.00	46.31 2.86 0.00	40.77 2.56 0.00	43.31 2.76 0.00	46.50 3.10 0.00	43.11 2.89 0.00	40.94 2.72 0.00	38.98 2.55 0.00	33.39 2.14 0.00	39.51 2.49 0.00	32.06 1.83 0.00
DANSKAMMER___2 23589	16.99 1.03 0.00	19.38 1.08 0.00	24.74 1.24 0.00	22.72 1.14 0.00	24.40 1.31 0.00	27.91 1.61 0.00	34.06 2.09 0.00	37.44 2.44 0.00	37.51 2.23 0.00	34.99 2.06 0.00	38.08 2.33 0.00	38.25 2.41 0.00	42.20 2.51 0.00	47.63 2.87 0.00	46.31 2.86 0.00	40.77 2.56 0.00	43.31 2.76 0.00	46.50 3.10 0.00	43.11 2.89 0.00	40.94 2.72 0.00	38.98 2.55 0.00	33.39 2.14 0.00	39.51 2.49 0.00	32.06 1.83 0.00
DANSKAMMER___3 23590	16.99 1.03 0.00	19.38 1.08 0.00	24.74 1.24 0.00	22.72 1.14 0.00	24.40 1.31 0.00	27.91 1.61 0.00	34.06 2.09 0.00	37.44 2.44 0.00	37.51 2.23 0.00	34.99 2.06 0.00	38.08 2.33 0.00	38.25 2.41 0.00	42.20 2.51 0.00	47.63 2.87 0.00	46.31 2.86 0.00	40.77 2.56 0.00	43.31 2.76 0.00	46.50 3.10 0.00	43.11 2.89 0.00	40.94 2.72 0.00	38.98 2.55 0.00	33.39 2.14 0.00	39.51 2.49 0.00	32.06 1.83 0.00

DANSKAMMER___4 23591	16.99 1.03 0.00	19.38 1.08 0.00	24.74 1.24 0.00	22.72 1.14 0.00	24.40 1.31 0.00	27.91 1.61 0.00	34.06 2.09 0.00	37.44 2.44 0.00	37.51 2.23 0.00	34.99 2.06 0.00	38.08 2.33 0.00	38.25 2.41 0.00	42.20 2.51 0.00	47.63 2.87 0.00	46.31 2.86 0.00	40.77 2.56 0.00	43.31 2.76 0.00	46.50 3.10 0.00	43.11 2.89 0.00	40.94 2.72 0.00	38.98 2.55 0.00	33.39 2.14 0.00	39.51 2.49 0.00	32.06 1.83 0.00
DANSKAMMER___DIESEL 23592	16.99 1.03 0.00	19.38 1.08 0.00	24.74 1.24 0.00	22.72 1.14 0.00	24.41 1.31 0.00	27.91 1.61 0.00	34.06 2.09 0.00	37.44 2.44 0.00	37.51 2.23 0.00	34.99 2.05 0.00	38.08 2.33 0.00	38.24 2.40 0.00	42.20 2.51 0.00	47.63 2.87 0.00	46.31 2.86 0.00	40.77 2.56 0.00	43.31 2.76 0.00	46.49 3.09 0.00	43.12 2.90 0.00	40.94 2.72 0.00	38.98 2.56 0.00	33.39 2.14 0.00	39.51 2.49 0.00	32.06 1.83 0.00
DARBY___SOLAR 323810	16.88 0.92 0.00	19.35 1.05 0.00	24.82 1.32 0.00	22.79 1.21 0.00	24.43 1.34 0.00	28.00 1.70 0.00	34.11 2.14 0.00	37.41 2.41 0.00	37.67 2.38 0.00	35.12 2.19 0.00	38.11 2.36 0.00	38.17 2.33 0.00	42.24 2.55 0.00	47.56 2.80 0.00	46.19 2.74 0.00	40.65 2.45 0.00	43.10 2.54 0.00	46.23 2.83 0.00	42.76 2.54 0.00	40.70 2.48 0.00	38.75 2.32 0.00	33.27 2.02 0.00	39.31 2.29 0.00	31.93 1.71 0.00
DASHVILLE___HYD 23610	16.64 0.69 0.00	19.00 0.70 0.00	24.32 0.81 0.00	22.32 0.74 0.00	23.95 0.85 0.00	27.31 1.01 0.00	33.28 1.30 0.00	36.58 1.58 0.00	36.69 1.41 0.00	34.25 1.32 0.00	37.27 1.53 0.00	37.41 1.57 0.00	41.28 1.59 0.00	46.59 1.83 0.00	45.28 1.83 0.00	39.87 1.66 0.00	42.30 1.74 0.00	45.37 1.97 0.00	42.08 1.86 0.00	39.99 1.76 0.00	38.08 1.65 0.00	32.62 1.37 0.00	38.63 1.61 0.00	31.38 1.15 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.09 1.38 -3.75	19.94 1.64 0.00	25.21 1.70 0.00	22.63 1.04 0.00	24.64 1.55 0.00	28.03 1.73 0.00	34.19 2.21 0.00	37.27 2.27 0.00	36.63 1.35 0.00	4.95 1.19 29.17	26.36 1.64 11.02	38.61 2.61 -0.16	41.69 2.00 0.00	46.96 2.20 0.00	45.64 2.19 0.00	40.51 2.30 0.00	42.98 2.43 0.01	44.36 2.77 1.82	44.58 2.78 -1.58	40.95 2.73 0.01	38.82 2.41 0.01	32.84 1.60 0.01	38.87 1.86 0.00	31.79 1.56 0.00
DELAWARE___LFGE 323621	16.43 0.47 0.00	18.84 0.53 0.00	24.20 0.70 0.00	22.24 0.66 0.00	23.84 0.75 0.00	27.16 0.86 0.00	33.12 1.14 0.00	36.32 1.32 0.00	36.49 1.20 0.00	34.04 1.10 0.00	36.97 1.23 0.00	37.09 1.25 0.00	41.04 1.35 0.00	46.30 1.54 0.00	44.92 1.47 0.00	39.53 1.32 0.00	41.97 1.41 0.00	44.94 1.54 0.00	41.72 1.50 0.00	39.63 1.40 0.00	37.73 1.31 0.00	32.34 1.09 0.00	38.26 1.25 0.00	31.12 0.89 0.00
DERFIELD_115KV_TB7 355931	15.98 0.02 0.00	18.31 0.01 0.00	23.53 0.02 0.00	21.60 0.02 0.00	23.12 0.03 0.00	26.35 0.05 0.00	32.07 0.09 0.00	35.15 0.14 0.00	35.46 0.17 0.00	33.11 0.17 0.00	35.93 0.19 0.00	36.02 0.18 0.00	39.89 0.20 0.00	44.99 0.23 0.00	43.67 0.22 0.00	38.40 0.19 0.00	40.74 0.19 0.00	43.60 0.20 0.00	40.39 0.17 0.00	38.41 0.18 0.00	36.61 0.18 0.00	31.40 0.15 0.00	37.18 0.17 0.00	30.32 0.10 0.00
DOGLEVILLE___HYD 23807	16.24 0.28 0.00	18.53 0.22 0.00	23.88 0.37 0.00	22.03 0.45 0.00	23.55 0.46 0.00	26.77 0.47 0.00	32.84 0.86 0.00	36.12 1.11 0.00	36.22 0.94 0.00	33.71 0.77 0.00	36.59 0.84 0.00	36.74 0.90 0.00	40.60 0.91 0.00	45.84 1.08 0.00	44.61 1.16 0.00	39.19 0.98 0.00	41.59 1.04 0.00	44.71 1.31 0.00	41.42 1.20 0.00	39.35 1.12 0.00	37.43 1.00 0.00	32.05 0.81 0.00	37.87 0.85 0.00	30.66 0.44 0.00
DUNKIRK___115KV_TB_200 55889	15.53 -0.43 0.00	18.08 -0.23 0.00	23.05 -0.46 0.00	21.21 -0.37 0.00	22.95 -0.15 0.00	26.15 -0.15 0.00	31.70 -0.27 0.00	33.92 -1.08 0.00	34.50 -0.78 0.00	32.61 -0.33 0.00	35.19 -0.56 0.00	35.08 -0.76 0.00	39.16 -0.54 0.00	44.16 -0.60 0.00	42.69 -0.75 0.00	37.65 -0.56 0.00	40.26 -0.30 0.00	42.63 -0.77 0.00	39.56 -0.66 0.00	37.28 -0.94 0.00	35.48 -0.94 0.00	30.47 -0.78 0.00	36.12 -0.89 0.00	29.38 -0.84 0.00
DUNKIRK___1 23563	15.53 -0.43 0.00	18.08 -0.23 0.00	23.05 -0.46 0.00	21.21 -0.37 0.00	22.95 -0.15 0.00	26.15 -0.15 0.00	31.70 -0.27 0.00	33.92 -1.08 0.00	34.50 -0.78 0.00	32.61 -0.33 0.00	35.19 -0.56 0.00	35.08 -0.76 0.00	39.16 -0.54 0.00	44.16 -0.60 0.00	42.69 -0.75 0.00	37.65 -0.56 0.00	40.26 -0.30 0.00	42.63 -0.77 0.00	39.56 -0.66 0.00	37.28 -0.94 0.00	35.48 -0.94 0.00	30.47 -0.78 0.00	36.12 -0.89 0.00	29.38 -0.84 0.00
DUNKIRK___2 23564	15.53 -0.43 0.00	18.08 -0.23 0.00	23.05 -0.46 0.00	21.21 -0.37 0.00	22.95 -0.15 0.00	26.15 -0.15 0.00	31.70 -0.27 0.00	33.92 -1.08 0.00	34.50 -0.78 0.00	32.61 -0.33 0.00	35.19 -0.56 0.00	35.08 -0.76 0.00	39.16 -0.54 0.00	44.16 -0.60 0.00	42.69 -0.75 0.00	37.65 -0.56 0.00	40.26 -0.30 0.00	42.63 -0.77 0.00	39.56 -0.66 0.00	37.28 -0.94 0.00	35.48 -0.94 0.00	30.47 -0.78 0.00	36.12 -0.89 0.00	29.38 -0.84 0.00
DUNKIRK___3 23565	15.54 -0.42 0.00	18.08 -0.22 0.00	23.05 -0.45 0.00	21.24 -0.34 0.00	22.97 -0.13 0.00	26.16 -0.14 0.00	31.68 -0.30 0.00	33.90 -1.10 0.00	34.44 -0.84 0.00	32.49 -0.44 0.00	35.07 -0.67 0.00	34.98 -0.86 0.00	39.06 -0.64 0.00	44.03 -0.73 0.00	42.58 -0.87 0.00	37.51 -0.69 0.00	40.12 -0.43 0.00	42.48 -0.92 0.00	39.42 -0.80 0.00	37.17 -1.06 0.00	35.37 -1.05 0.00	30.39 -0.86 0.00	36.07 -0.95 0.00	29.35 -0.87 0.00
DUNKIRK___4 23566	15.54 -0.42 0.00	18.08 -0.22 0.00	23.05 -0.45 0.00	21.24 -0.34 0.00	22.97 -0.13 0.00	26.16 -0.14 0.00	31.68 -0.30 0.00	33.90 -1.10 0.00	34.44 -0.84 0.00	32.49 -0.44 0.00	35.07 -0.67 0.00	34.98 -0.86 0.00	39.06 -0.64 0.00	44.03 -0.73 0.00	42.58 -0.87 0.00	37.51 -0.69 0.00	40.12 -0.43 0.00	42.48 -0.92 0.00	39.42 -0.80 0.00	37.17 -1.06 0.00	35.37 -1.05 0.00	30.39 -0.86 0.00	36.07 -0.95 0.00	29.35 -0.87 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.06 1.10 0.00	19.45 1.15 0.00	24.80 1.29 0.00	22.76 1.17 0.00	24.46 1.36 0.00	27.98 1.68 0.00	34.06 2.09 0.00	37.40 2.40 0.00	37.42 2.14 0.00	34.91 1.97 0.00	37.99 2.24 0.00	38.18 2.34 0.00	42.10 2.41 0.00	47.51 2.74 0.00	46.21 2.76 0.00	40.69 2.49 0.00	43.18 2.62 0.00	46.33 2.94 0.00	42.98 2.77 0.00	40.83 2.60 0.00	38.88 2.46 0.00	33.31 2.07 0.00	39.45 2.44 0.00	32.02 1.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.94 0.98 0.00	19.33 1.02 0.00	24.65 1.15 0.00	22.64 1.06 0.00	24.33 1.24 0.00	27.84 1.54 0.00	33.96 1.98 0.00	37.31 2.30 0.00	37.34 2.06 0.00	34.82 1.88 0.00	37.88 2.14 0.00	38.06 2.22 0.00	41.97 2.28 0.00	47.40 2.64 0.00	46.08 2.63 0.00	40.57 2.37 0.00	43.11 2.55 0.00	46.29 2.89 0.00	42.94 2.72 0.00	40.77 2.54 0.00	38.82 2.39 0.00	33.26 2.01 0.00	39.36 2.35 0.00	31.93 1.71 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.05 1.10 0.00	19.43 1.13 0.00	24.74 1.24 0.00	22.70 1.12 0.00	24.40 1.30 0.00	27.93 1.63 0.00	34.04 2.06 0.00	37.51 2.51 0.00	37.50 2.22 0.00	35.01 2.08 0.00	38.06 2.31 0.00	38.29 2.45 0.00	42.19 2.50 0.00	47.62 2.87 0.00	46.36 2.91 0.00	40.83 2.63 0.00	43.25 2.70 0.00	46.43 3.03 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.96 2.54 0.00	33.35 2.10 0.00	39.49 2.48 0.00	32.06 1.84 0.00
E179THST_13_KV_LOAD 356214	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.32 0.00	22.78 1.20 0.00	24.49 1.39 0.00	28.03 1.73 0.00	34.17 2.19 0.00	37.67 2.67 0.00	37.65 2.37 0.00	35.16 2.22 0.00	38.23 2.48 0.00	38.46 2.62 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.57 3.12 0.00	41.02 2.81 0.00	43.45 2.90 0.00	46.65 3.25 0.00	43.30 3.08 0.00	41.14 2.91 0.00	39.13 2.71 0.00	33.51 2.26 0.00	39.66 2.65 0.00	32.19 1.96 0.00
EAST HAMPTON___GT 23717	20.99 1.29 -3.75	19.94 1.63 0.00	25.12 1.61 0.00	22.44 0.86 0.00	24.22 1.12 0.00	27.68 1.38 0.00	33.61 1.63 0.00	36.66 1.66 0.00	36.20 0.91 0.00	4.32 0.82 29.44	25.67 1.05 11.12	38.03 2.04 -0.16	41.05 1.36 0.00	46.24 1.48 0.00	44.93 1.48 0.00	39.89 1.68 0.00	42.37 1.82 0.01	43.72 2.13 1.82	43.95 2.15 -1.58	40.34 2.12 0.01	38.23 1.81 0.01	32.30 1.06 0.01	38.20 1.19 0.00	31.23 1.00 0.00
EAST RIVER___6 23660	17.17 1.21 0.00	19.57 1.26 0.00	24.93 1.42 0.00	22.87 1.29 0.00	24.60 1.51 0.00	28.14 1.84 0.00	34.20 2.22 0.00	37.59 2.59 0.00	37.61 2.33 0.00	35.11 2.18 0.00	38.21 2.47 0.00	38.45 2.61 0.00	42.43 2.74 0.00	47.89 3.12 0.00	46.60 3.15 0.00	40.99 2.78 0.00	43.45 2.89 0.00	46.61 3.21 0.00	43.21 3.00 0.00	41.01 2.79 0.00	39.04 2.62 0.00	33.43 2.19 0.00	39.56 2.55 0.00	32.10 1.87 0.00
EAST RIVER___7 23524	17.17 1.21 0.00	19.57 1.26 0.00	24.93 1.42 0.00	22.87 1.29 0.00	24.60 1.51 0.00	28.14 1.84 0.00	34.20 2.22 0.00	37.59 2.59 0.00	37.61 2.33 0.00	35.11 2.18 0.00	38.21 2.47 0.00	38.45 2.61 0.00	42.43 2.74 0.00	47.89 3.12 0.00	46.60 3.15 0.00	40.99 2.78 0.00	43.45 2.89 0.00	46.61 3.21 0.00	43.21 3.00 0.00	41.01 2.79 0.00	39.04 2.62 0.00	33.43 2.19 0.00	39.56 2.55 0.00	32.10 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.99 1.03 0.00	19.39 1.09 0.00	24.72 1.22 0.00	22.69 1.10 0.00	24.39 1.29 0.00	27.90 1.60 0.00	33.98 2.00 0.00	37.33 2.33 0.00	37.36 2.07 0.00	34.84 1.90 0.00	37.91 2.16 0.00	38.10 2.26 0.00	42.01 2.32 0.00	47.42 2.65 0.00	46.12 2.67 0.00	40.60 2.40 0.00	43.09 2.54 0.00	46.26 2.86 0.00	42.91 2.69 0.00	40.75 2.53 0.00	38.81 2.38 0.00	33.25 2.00 0.00	39.38 2.36 0.00	31.96 1.73 0.00
EAST_HAMPTON___DIESEL 23722	20.96 1.26 -3.75	19.92 1.61 0.00	25.09 1.58 0.00	22.39 0.81 0.00	24.14 1.04 0.00	27.61 1.31 0.00	33.50 1.52 0.00	36.54 1.54 0.00	36.09 0.81 0.00	4.23 0.72 29.42	25.56 0.93 11.12	37.91 1.91 -0.16	40.91 1.22 0.00	46.09 1.33 0.00	44.78 1.33 0.00	39.76 1.56 0.00	42.22 1.67 0.01	43.57 1.98 1.82	43.82 2.02 -1.58	40.21 1.99 0.01	38.11 1.69 0.01	32.20 0.96 0.01	38.08 1.06 0.00	31.12 0.90 0.00
EAST_POINT___SOLAR 323840	16.89 0.93 0.00	19.36 1.05 0.00	24.85 1.34 0.00	22.86 1.28 0.00	24.52 1.42 0.00	28.03 1.73 0.00	34.39 2.42 0.00	37.78 2.78 0.00	38.15 2.87 0.00	35.55 2.62 0.00	38.44 2.69 0.00	38.39 2.55 0.00	42.61 2.91 0.00	48.11 3.35 0.00	46.87 3.42 0.00	41.26 3.06 0.00	43.91 3.36 0.00	47.00 3.60 0.00	43.55 3.33 0.00	41.33 3.10 0.00	39.31 2.88 0.00	33.61 2.36 0.00	39.71 2.70 0.00	32.35 2.13 0.00
EAST_PULASKI___ESR 323781	15.73 -0.22 0.00	18.05 -0.25 0.00	23.29 -0.21 0.00	21.37 -0.21 0.00	22.92 -0.17 0.00	26.19 -0.11 0.00	31.96 -0.02 0.00	35.01 0.01 0.00	35.41 0.12 0.00	33.08 0.15 0.00	35.89 0.14 0.00	35.96 0.12 0.00	39.88 0.19 0.00	44.94 0.18 0.00	43.60 0.15 0.00	38.28 0.08 0.00	40.70 0.14 0.00	43.50 0.10 0.00	40.39 0.18 0.00	38.33 0.11 0.00	36.51 0.08 0.00	31.32 0.07 0.00	36.99 -0.03 0.00	30.20 -0.02 0.00
EAST_RIVER___1 323558	17.12 1.16 0.00	19.51 1.21 0.00	24.86 1.35 0.00	22.81 1.23 0.00	24.53 1.43 0.00	28.07 1.77 0.00	34.16 2.18 0.00	37.56 2.56 0.00	37.59 2.30 0.00	35.07 2.14 0.00	38.16 2.42 0.00	38.38 2.54 0.00	42.33 2.64 0.00	47.79 3.03 0.00	46.51 3.06 0.00	40.93 2.72 0.00	43.38 2.82 0.00	46.55 3.15 0.00	43.18 2.96 0.00	41.00 2.78 0.00	39.04 2.61 0.00	33.43 2.18 0.00	39.58 2.57 0.00	32.11 1.89 0.00
EAST_RIVER___2 323559	17.17 1.21 0.00	19.57 1.26 0.00	24.93 1.42 0.00	22.87 1.29 0.00	24.60 1.51 0.00	28.14 1.84 0.00	34.20 2.22 0.00	37.59 2.59 0.00	37.61 2.33 0.00	35.11 2.18 0.00	38.21 2.47 0.00	38.45 2.61 0.00	42.43 2.74 0.00	47.89 3.12 0.00	46.60 3.15 0.00	40.99 2.78 0.00	43.45 2.89 0.00	46.61 3.21 0.00	43.21 3.00 0.00	41.01 2.79 0.00	39.04 2.62 0.00	33.43 2.19 0.00	39.56 2.55 0.00	32.10 1.87 0.00
EAST___DELAWARE_HYD 23607	16.60 0.64 0.00	18.94 0.64 0.00	24.21 0.70 0.00	22.23 0.65 0.00	23.87 0.77 0.00	27.29 0.99 0.00	33.33 1.36 0.00	36.64 1.64 0.00	36.81 1.53 0.00	35.04 2.10 0.00	38.10 2.35 0.00	38.11 2.27 0.00	41.25 1.56 0.00	46.62 1.85 0.00	45.30 1.84 0.00	39.89 1.69 0.00	42.41 1.85 0.00	45.54 2.14 0.00	42.22 2.00 0.00	40.07 1.84 0.00	38.14 1.72 0.00	32.67 1.42 0.00	38.64 1.62 0.00	31.35 1.13 0.00
EIGHT_POINT___WT_PWR 323820	14.94 -1.02 0.00	18.01 -0.30 0.00	23.47 -0.04 0.00	21.77 0.18 0.00	23.37 0.28 0.00	26.57 0.27 0.00	32.65 0.67 0.00	35.06 0.05 0.00	35.32 0.04 0.00	32.75 -0.18 0.00	35.40 -0.34 0.00	35.44 -0.39 0.00	39.38 -0.31 0.00	44.65 -0.11 0.00	43.47 0.02 0.00	38.28 0.08 0.00	40.86 0.30 0.00	43.33 -0.07 0.00	40.10 -0.12 0.00	37.55 -0.68 0.00	35.53 -0.90 0.00	30.22 -1.03 0.00	35.21 -1.80 0.00	28.60 -1.63 0.00
ELBRIDGE_115KV_TB2 80188	15.84 -0.12 0.00	18.21 -0.10 0.00	23.36 -0.15 0.00	21.47 -0.11 0.00	22.99 -0.11 0.00	26.11 -0.19 0.00	31.75 -0.23 0.00	34.65 -0.35 0.00	34.89 -0.39 0.00	32.54 -0.40 0.00	35.31 -0.44 0.00	35.38 -0.46 0.00	39.21 -0.48 0.00	44.25 -0.51 0.00	42.96 -0.50 0.00	37.79 -0.42 0.00	40.18 -0.38 0.00	42.99 -0.41 0.00	39.85 -0.36 0.00	37.82 -0.40 0.00	36.02 -0.40 0.00	30.87 -0.38 0.00	36.59 -0.43 0.00	29.93 -0.30 0.00
ELEC_TRO_TEK 24086	22.58 1.34 -5.28	19.72 1.41 0.00	25.08 1.58 0.00	22.92 1.34 0.00	24.80 1.70 0.00	28.28 1.97 0.00	34.27 2.29 0.00	37.48 2.48 0.00	37.44 2.16 0.00	35.00 2.07 0.00	38.34 2.54 -0.06	39.32 2.73 -0.75	42.14 2.45 0.00	47.49 2.73 0.00	46.18 2.74 0.00	40.79 2.59 0.00	43.29 2.72 -0.01	49.88 3.02 -3.45	55.45 3.02 -12.21	41.07 2.83 -0.01	38.99 2.56 -0.01	33.36 2.10 -0.01	39.44 2.42 0.00	32.17 1.95 0.00

ELLENBURG_WT_PWR 323604	14.40 -1.55 0.00	16.41 -1.90 0.00	20.97 -2.54 0.00	19.39 -2.19 0.00	20.95 -2.15 0.00	24.62 -1.68 0.00	30.38 -1.60 0.00	33.44 -1.56 0.00	35.66 0.38 0.00	33.86 0.92 0.00	36.50 0.76 0.00	36.60 0.76 0.00	40.85 1.16 0.00	45.74 0.98 0.00	44.39 0.94 0.00	38.32 0.11 0.00	40.08 -0.48 0.00	42.20 -1.20 0.00	38.74 -1.49 0.00	37.33 -0.90 0.00	35.96 -0.46 0.00	30.92 -0.33 0.00	36.89 -0.13 0.00	29.70 -0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.41 -0.55 0.00	17.90 -0.40 0.00	22.81 -0.69 0.00	21.05 -0.54 0.00	22.73 -0.37 0.00	25.91 -0.40 0.00	31.33 -0.65 0.00	33.50 -1.50 0.00	33.95 -1.33 0.00	31.91 -1.03 0.00	34.41 -1.33 0.00	34.27 -1.57 0.00	38.30 -1.39 0.00	43.16 -1.60 0.00	41.73 -1.72 0.00	36.76 -1.45 0.00	39.29 -1.26 0.00	41.56 -1.84 0.00	38.59 -1.63 0.00	36.43 -1.80 0.00	34.67 -1.75 0.00	29.83 -1.41 0.00	35.55 -1.47 0.00	29.00 -1.22 0.00
EMPIRE_CC_1 323656	16.44 0.49 0.00	18.85 0.55 0.00	24.19 0.68 0.00	22.20 0.62 0.00	23.76 0.66 0.00	27.13 0.83 0.00	32.85 0.87 0.00	36.03 1.03 0.00	36.17 0.89 0.00	33.76 0.83 0.00	36.69 0.94 0.00	36.79 0.96 0.00	40.70 1.01 0.00	45.86 1.10 0.00	44.55 1.10 0.00	39.14 0.93 0.00	41.48 0.92 0.00	44.50 1.10 0.00	41.16 0.94 0.00	39.17 0.95 0.00	37.35 0.93 0.00	32.14 0.89 0.00	38.02 1.00 0.00	31.00 0.77 0.00
EMPIRE_CC_2 323658	16.44 0.49 0.00	18.85 0.55 0.00	24.19 0.68 0.00	22.20 0.62 0.00	23.76 0.66 0.00	27.13 0.83 0.00	32.85 0.87 0.00	36.03 1.03 0.00	36.17 0.89 0.00	33.76 0.83 0.00	36.69 0.94 0.00	36.79 0.96 0.00	40.70 1.01 0.00	45.86 1.10 0.00	44.55 1.10 0.00	39.14 0.93 0.00	41.48 0.92 0.00	44.50 1.10 0.00	41.16 0.94 0.00	39.17 0.95 0.00	37.35 0.93 0.00	32.14 0.89 0.00	38.02 1.00 0.00	31.00 0.77 0.00
ENORWICH_115KV_TB1 80156	16.85 0.89 0.00	19.31 1.00 0.00	24.70 1.20 0.00	22.84 1.26 0.00	24.72 1.62 0.00	28.41 2.11 0.00	34.94 2.97 0.00	38.20 3.20 0.00	38.49 3.20 0.00	35.93 3.00 0.00	38.92 3.17 0.00	39.03 3.19 0.00	43.37 3.68 0.00	48.94 4.18 0.00	47.42 3.97 0.00	41.74 3.53 0.00	44.51 3.96 0.00	47.66 4.26 0.00	44.23 4.01 0.00	41.91 3.69 0.00	39.76 3.34 0.00	33.92 2.67 0.00	40.01 2.99 0.00	32.28 2.05 0.00
ERIE_ST_34_KV_TB1-2 80199	15.90 -0.06 0.00	18.44 0.14 0.00	23.49 -0.02 0.00	21.70 0.12 0.00	23.44 0.34 0.00	26.65 0.35 0.00	32.26 0.29 0.00	34.56 -0.44 0.00	35.01 -0.27 0.00	32.84 -0.09 0.00	35.55 -0.19 0.00	35.45 -0.39 0.00	39.60 -0.09 0.00	44.65 -0.11 0.00	43.12 -0.33 0.00	37.96 -0.24 0.00	40.57 0.01 0.00	42.95 -0.45 0.00	39.89 -0.33 0.00	37.56 -0.66 0.00	35.74 -0.68 0.00	30.76 -0.49 0.00	36.62 -0.40 0.00	29.82 -0.40 0.00
ERIE_WT_PWR 323693	15.54 -0.42 0.00	18.06 -0.25 0.00	23.01 -0.49 0.00	21.23 -0.35 0.00	22.95 -0.15 0.00	26.13 -0.16 0.00	31.64 -0.34 0.00	33.86 -1.15 0.00	34.30 -0.98 0.00	32.06 -0.72 0.16	31.60 -0.95 3.20	34.65 -1.19 0.00	38.70 -0.99 0.00	42.13 -1.13 1.50	39.93 -1.23 2.29	36.31 -1.02 0.88	39.27 -0.77 0.52	41.93 -1.34 0.14	39.06 -1.16 0.00	36.83 -1.40 0.00	35.05 -1.37 0.00	30.13 -1.11 0.00	35.90 -1.12 0.00	29.24 -0.99 0.00
ESPRGFLD_115KV_TB1 80157	16.54 0.58 0.00	18.99 0.68 0.00	24.37 0.86 0.00	22.42 0.84 0.00	24.09 0.99 0.00	27.49 1.19 0.00	33.68 1.70 0.00	36.90 1.90 0.00	37.27 1.98 0.00	34.84 1.90 0.00	37.76 2.01 0.00	37.81 1.97 0.00	41.94 2.25 0.00	47.33 2.57 0.00	45.92 2.47 0.00	40.33 2.12 0.00	42.88 2.33 0.00	45.86 2.46 0.00	42.54 2.32 0.00	40.37 2.14 0.00	38.41 1.98 0.00	32.85 1.60 0.00	38.88 1.86 0.00	31.68 1.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.19 0.23 0.00	18.62 0.32 0.00	23.88 0.37 0.00	21.99 0.41 0.00	23.59 0.50 0.00	26.86 0.56 0.00	32.83 0.86 0.00	35.85 0.85 0.00	36.10 0.82 0.00	33.65 0.71 0.00	36.50 0.76 0.00	36.57 0.73 0.00	40.57 0.87 0.00	45.77 1.01 0.00	44.44 0.99 0.00	39.11 0.91 0.00	41.66 1.10 0.00	44.57 1.17 0.00	41.37 1.15 0.00	39.23 1.00 0.00	37.33 0.91 0.00	31.94 0.69 0.00	37.77 0.75 0.00	30.74 0.52 0.00
ETNA____115KV_TB2 80207	16.19 0.23 0.00	18.62 0.32 0.00	23.88 0.37 0.00	21.99 0.41 0.00	23.59 0.50 0.00	26.86 0.56 0.00	32.83 0.86 0.00	35.85 0.85 0.00	36.10 0.82 0.00	33.65 0.71 0.00	36.50 0.76 0.00	36.57 0.73 0.00	40.57 0.87 0.00	45.77 1.01 0.00	44.44 0.99 0.00	39.11 0.91 0.00	41.66 1.10 0.00	44.57 1.17 0.00	41.37 1.15 0.00	39.23 1.00 0.00	37.33 0.91 0.00	31.94 0.69 0.00	37.77 0.75 0.00	30.74 0.52 0.00
EUCLID____115KV_TB2 356179	15.76 -0.20 0.00	18.10 -0.20 0.00	23.22 -0.28 0.00	21.34 -0.25 0.00	22.84 -0.26 0.00	25.94 -0.36 0.00	31.50 -0.48 0.00	34.40 -0.60 0.00	34.66 -0.63 0.00	32.34 -0.59 0.00	35.10 -0.65 0.00	35.17 -0.67 0.00	38.98 -0.71 0.00	43.98 -0.78 0.00	42.68 -0.77 0.00	37.54 -0.67 0.00	39.90 -0.65 0.00	42.67 -0.73 0.00	39.56 -0.66 0.00	37.55 -0.68 0.00	35.79 -0.63 0.00	30.68 -0.56 0.00	36.37 -0.65 0.00	29.79 -0.44 0.00
E_CANADA_CAP_HY 24051	16.66 0.71 0.00	19.12 0.81 0.00	24.55 1.04 0.00	22.58 1.00 0.00	24.23 1.14 0.00	27.67 1.37 0.00	33.89 1.91 0.00	37.16 2.16 0.00	37.60 2.32 0.00	35.14 2.20 0.00	38.03 2.28 0.00	38.03 2.20 0.00	42.22 2.53 0.00	47.64 2.88 0.00	46.26 2.81 0.00	40.58 2.38 0.00	43.13 2.57 0.00	46.09 2.69 0.00	42.70 2.48 0.00	40.53 2.30 0.00	38.58 2.15 0.00	33.02 1.77 0.00	39.13 2.11 0.00	31.94 1.72 0.00
E_CANADA_MHWK_HY 24050	16.24 0.28 0.00	18.53 0.22 0.00	23.88 0.37 0.00	22.03 0.45 0.00	23.55 0.46 0.00	26.77 0.47 0.00	32.84 0.86 0.00	36.12 1.11 0.00	36.22 0.94 0.00	33.71 0.77 0.00	36.59 0.84 0.00	36.74 0.90 0.00	40.60 0.91 0.00	45.84 1.08 0.00	44.61 1.16 0.00	39.19 0.98 0.00	41.59 1.04 0.00	44.71 1.31 0.00	41.42 1.20 0.00	39.35 1.12 0.00	37.43 1.00 0.00	32.05 0.81 0.00	37.87 0.85 0.00	30.66 0.44 0.00
E_FISHKILL____LBMP 23776	16.87 0.91 0.00	19.25 0.95 0.00	24.58 1.07 0.00	22.55 0.97 0.00	24.22 1.13 0.00	27.70 1.40 0.00	33.73 1.76 0.00	37.07 2.06 0.00	37.12 1.84 0.00	34.62 1.69 0.00	37.67 1.93 0.00	37.84 2.01 0.00	41.74 2.05 0.00	47.11 2.35 0.00	45.81 2.36 0.00	40.32 2.12 0.00	42.79 2.24 0.00	45.93 2.53 0.00	42.59 2.37 0.00	40.46 2.24 0.00	38.54 2.11 0.00	33.03 1.78 0.00	39.11 2.10 0.00	31.76 1.53 0.00
FALCON____SEABRD_CC1 323796	14.48 -1.48 0.00	16.47 -1.83 0.00	21.08 -2.43 0.00	19.49 -2.09 0.00	21.05 -2.04 0.00	24.76 -1.54 0.00	30.56 -1.42 0.00	33.63 -1.38 0.00	35.89 0.60 0.00	34.07 1.13 0.00	36.75 1.01 0.00	36.87 1.03 0.00	41.12 1.43 0.00	46.06 1.30 0.00	44.71 1.26 0.00	38.60 0.39 0.00	40.10 -0.46 0.00	42.31 -1.09 0.00	38.97 -1.26 0.00	37.62 -0.60 0.00	36.25 -0.17 0.00	31.19 -0.05 0.00	37.34 0.32 0.00	30.08 -0.15 0.00

FALCON___SEABRD_CC2 323797	14.48 -1.48 0.00	16.47 -1.83 0.00	21.08 -2.43 0.00	19.49 -2.09 0.00	21.05 -2.04 0.00	24.76 -1.54 0.00	30.56 -1.42 0.00	33.63 -1.38 0.00	35.89 0.60 0.00	34.07 1.13 0.00	36.75 1.01 0.00	36.87 1.03 0.00	41.12 1.43 0.00	46.06 1.30 0.00	44.71 1.26 0.00	38.60 0.39 0.00	40.10 -0.46 0.00	42.31 -1.09 0.00	38.97 -1.26 0.00	37.62 -0.60 0.00	36.25 -0.17 0.00	31.19 -0.05 0.00	37.34 0.32 0.00	30.08 -0.15 0.00
FAR ROCKAWAY___4 23548	22.51 1.52 -5.03	19.91 1.61 0.00	25.32 1.81 0.00	23.14 1.56 0.00	25.03 1.94 0.00	28.56 2.26 0.00	34.61 2.63 0.00	37.84 2.84 0.00	37.83 2.55 0.00	35.41 2.48 0.00	38.86 2.98 -0.13	40.37 3.18 -1.35	42.62 2.92 -0.01	48.02 3.26 0.00	46.69 3.25 0.00	41.25 3.04 0.00	43.81 3.22 -0.03	58.09 3.58 -11.11	68.22 3.56 -24.44	41.59 3.33 -0.03	39.48 3.02 -0.03	33.78 2.50 -0.03	39.91 2.88 -0.01	32.54 2.31 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.12 1.16 0.00	19.51 1.21 0.00	24.85 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.06 1.76 0.00	34.16 2.18 0.00	37.57 2.57 0.00	37.59 2.31 0.00	35.08 2.14 0.00	38.17 2.42 0.00	38.37 2.54 0.00	42.32 2.63 0.00	47.77 3.01 0.00	46.51 3.06 0.00	40.93 2.72 0.00	43.39 2.83 0.00	46.56 3.16 0.00	43.18 2.97 0.00	41.02 2.80 0.00	39.06 2.64 0.00	33.45 2.20 0.00	39.62 2.60 0.00	32.14 1.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.12 1.17 0.00	19.51 1.21 0.00	24.86 1.35 0.00	22.81 1.23 0.00	24.53 1.43 0.00	28.07 1.77 0.00	34.17 2.20 0.00	37.59 2.58 0.00	37.60 2.32 0.00	35.09 2.15 0.00	38.18 2.43 0.00	38.39 2.55 0.00	42.33 2.64 0.00	47.80 3.04 0.00	46.52 3.06 0.00	40.94 2.73 0.00	43.41 2.85 0.00	46.58 3.18 0.00	43.21 2.99 0.00	41.05 2.82 0.00	39.08 2.66 0.00	33.47 2.23 0.00	39.64 2.62 0.00	32.16 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.11 1.15 0.00	19.50 1.19 0.00	24.84 1.33 0.00	22.79 1.21 0.00	24.51 1.42 0.00	28.05 1.75 0.00	34.15 2.17 0.00	37.56 2.56 0.00	37.58 2.30 0.00	35.06 2.13 0.00	38.16 2.41 0.00	38.36 2.52 0.00	42.30 2.61 0.00	47.77 3.01 0.00	46.49 3.04 0.00	40.92 2.71 0.00	43.36 2.81 0.00	46.53 3.13 0.00	43.17 2.95 0.00	41.00 2.78 0.00	39.04 2.62 0.00	33.44 2.19 0.00	39.59 2.57 0.00	32.13 1.91 0.00
FARRAGUT___LBMP 323566	17.10 1.14 0.00	19.49 1.19 0.00	24.83 1.32 0.00	22.78 1.20 0.00	24.50 1.40 0.00	28.03 1.73 0.00	34.12 2.15 0.00	37.53 2.52 0.00	37.54 2.26 0.00	35.03 2.10 0.00	38.12 2.38 0.00	38.32 2.49 0.00	42.26 2.57 0.00	47.72 2.96 0.00	46.44 2.99 0.00	40.88 2.67 0.00	43.32 2.77 0.00	46.49 3.09 0.00	43.13 2.92 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.17 0.00	39.57 2.55 0.00	32.11 1.88 0.00
FENNER___WINDPWR 24204	16.13 0.17 0.00	18.51 0.21 0.00	23.80 0.30 0.00	21.93 0.34 0.00	23.52 0.42 0.00	26.88 0.58 0.00	32.86 0.88 0.00	35.94 0.94 0.00	36.33 1.05 0.00	33.90 0.96 0.00	36.76 1.02 0.00	36.86 1.02 0.00	40.85 1.16 0.00	46.07 1.31 0.00	44.72 1.27 0.00	39.33 1.12 0.00	41.81 1.25 0.00	44.60 1.20 0.00	41.34 1.12 0.00	39.23 1.01 0.00	37.36 0.94 0.00	32.01 0.76 0.00	37.84 0.83 0.00	30.83 0.61 0.00
FIBERTEK___ENERGY 23856	15.91 -0.04 0.00	18.29 -0.02 0.00	23.46 -0.04 0.00	21.56 -0.02 0.00	23.09 -0.01 0.00	26.23 -0.07 0.00	31.91 -0.07 0.00	34.84 -0.16 0.00	35.08 -0.21 0.00	32.72 -0.22 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.46 -0.24 0.00	44.52 -0.24 0.00	43.23 -0.22 0.00	38.02 -0.19 0.00	40.44 -0.12 0.00	43.27 -0.14 0.00	40.09 -0.12 0.00	38.06 -0.17 0.00	36.24 -0.18 0.00	31.06 -0.18 0.00	36.81 -0.21 0.00	30.11 -0.11 0.00
FITZPATRICK____ 23598	15.54 -0.41 0.00	17.85 -0.45 0.00	22.90 -0.60 0.00	21.04 -0.55 0.00	22.49 -0.60 0.00	25.54 -0.77 0.00	30.95 -1.03 0.00	33.82 -1.18 0.00	34.09 -1.19 0.00	31.82 -1.12 0.00	34.51 -1.23 0.00	34.59 -1.25 0.00	38.34 -1.35 0.00	43.24 -1.52 0.00	41.97 -1.48 0.00	36.91 -1.29 0.00	39.22 -1.33 0.00	41.96 -1.45 0.00	38.89 -1.32 0.00	36.93 -1.29 0.00	35.18 -1.24 0.00	30.18 -1.07 0.00	35.79 -1.23 0.00	29.38 -0.85 0.00
FLOWRFLD_69_KV_BK1 356044	21.18 1.47 -3.76	19.88 1.57 0.00	25.24 1.73 0.00	22.91 1.32 0.00	24.96 1.86 0.00	28.37 2.07 0.00	34.47 2.50 0.00	37.55 2.54 0.00	37.25 1.96 0.00	37.61 1.86 -2.81	39.30 2.49 -1.07	39.00 3.00 -0.16	42.19 2.50 0.00	47.47 2.71 0.00	46.13 2.68 0.00	40.92 2.71 0.00	43.38 2.83 0.01	44.76 3.14 1.78	45.04 3.17 -1.64	41.22 3.00 0.01	39.15 2.73 0.01	33.31 2.06 0.01	39.38 2.37 0.00	32.25 2.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.01 1.05 0.00	19.41 1.11 0.00	24.78 1.27 0.00	22.75 1.17 0.00	24.44 1.34 0.00	27.96 1.66 0.00	34.12 2.14 0.00	37.50 2.50 0.00	37.58 2.30 0.00	35.06 2.12 0.00	38.15 2.40 0.00	38.32 2.48 0.00	42.28 2.59 0.00	47.72 2.96 0.00	46.39 2.94 0.00	40.85 2.64 0.00	43.40 2.84 0.00	46.58 3.18 0.00	43.19 2.97 0.00	41.01 2.79 0.00	39.05 2.62 0.00	33.45 2.20 0.00	39.58 2.56 0.00	32.11 1.89 0.00
FORT ORANGE____ 23900	16.30 0.34 0.00	18.72 0.41 0.00	24.07 0.57 0.00	22.09 0.51 0.00	23.57 0.48 0.00	26.90 0.60 0.00	32.71 0.74 0.00	35.94 0.93 0.00	36.11 0.82 0.00	33.68 0.74 0.00	36.59 0.84 0.00	36.69 0.85 0.00	40.60 0.90 0.00	45.79 1.04 0.00	44.46 1.00 0.00	39.11 0.91 0.00	41.52 0.96 0.00	44.53 1.13 0.00	41.23 1.01 0.00	39.21 0.99 0.00	37.35 0.93 0.00	32.05 0.80 0.00	37.88 0.87 0.00	30.84 0.62 0.00
FORT_DRUM_COGEN 23780	15.64 -0.32 0.00	17.92 -0.38 0.00	23.41 -0.09 0.00	21.43 -0.15 0.00	23.10 0.00 0.00	26.81 0.51 0.00	33.16 1.18 0.00	36.46 1.46 0.00	37.25 1.97 0.00	34.88 1.94 0.00	37.78 2.04 0.00	37.88 2.04 0.00	42.04 2.35 0.00	47.27 2.50 0.00	45.82 2.37 0.00	39.98 1.78 0.00	42.48 1.93 0.00	45.36 1.96 0.00	42.17 1.95 0.00	40.00 1.78 0.00	38.11 1.69 0.00	32.65 1.41 0.00	38.44 1.42 0.00	31.15 0.93 0.00
FOX_HILLS___ESR 323835	17.10 1.14 0.00	19.48 1.18 0.00	24.81 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.04 1.74 0.00	34.15 2.18 0.00	37.61 2.61 0.00	37.56 2.28 0.00	35.03 2.10 0.00	38.08 2.34 0.00	38.32 2.48 0.00	42.25 2.56 0.00	47.70 2.94 0.00	46.41 2.96 0.00	40.85 2.64 0.00	43.30 2.74 0.00	46.47 3.07 0.00	43.16 2.94 0.00	41.05 2.83 0.00	39.08 2.66 0.00	33.48 2.23 0.00	39.67 2.65 0.00	32.18 1.96 0.00
FPL FAR_ROCK_GT1 24212	22.51 1.52 -5.03	19.91 1.61 0.00	25.32 1.81 0.00	23.14 1.56 0.00	25.03 1.94 0.00	28.56 2.26 0.00	34.61 2.63 0.00	37.84 2.84 0.00	37.84 2.55 0.00	35.41 2.48 0.00	38.86 2.98 -0.13	40.37 3.18 -1.35	42.62 2.92 -0.01	48.03 3.26 0.00	46.69 3.24 0.00	41.25 3.04 0.00	43.81 3.22 -0.03	58.09 3.58 -11.11	68.22 3.56 -24.44	41.59 3.33 -0.03	39.48 3.03 -0.03	33.78 2.50 -0.03	39.90 2.87 -0.01	32.54 2.31 0.00

FPL FAR_ROCK_GT2 23815	22.51 1.52 -5.03	19.91 1.61 0.00	25.32 1.81 0.00	23.14 1.56 0.00	25.03 1.94 0.00	28.56 2.26 0.00	34.61 2.63 0.00	37.84 2.84 0.00	37.84 2.55 0.00	35.41 2.48 0.00	38.86 2.98 -0.13	40.37 3.18 -1.35	42.62 2.92 -0.01	48.03 3.26 0.00	46.69 3.24 0.00	41.25 3.04 0.00	43.81 3.22 -0.03	58.09 3.58 -11.11	68.22 3.56 -24.44	41.59 3.33 -0.03	39.48 3.03 -0.03	33.78 2.50 -0.03	39.90 2.87 -0.01	32.54 2.31 0.00
FRANKLIN_FALL_HYD 24054	14.64 -1.32 0.00	16.68 -1.63 0.00	21.32 -2.19 0.00	19.69 -1.89 0.00	21.24 -1.86 0.00	24.95 -1.35 0.00	30.87 -1.11 0.00	34.03 -0.97 0.00	36.24 0.96 0.00	34.35 1.41 0.00	37.04 1.29 0.00	37.10 1.26 0.00	41.47 1.78 0.00	46.45 1.69 0.00	44.98 1.53 0.00	38.85 0.65 0.00	40.86 0.30 0.00	43.11 -0.29 0.00	39.60 -0.62 0.00	38.06 -0.16 0.00	36.63 0.21 0.00	31.46 0.21 0.00	37.44 0.43 0.00	30.09 -0.13 0.00
FREEPORT_EQUS_GT1 23764	21.74 1.45 -4.34	19.83 1.53 0.00	25.23 1.72 0.00	23.03 1.45 0.00	24.94 1.84 0.00	28.41 2.11 0.00	34.32 2.35 0.00	37.50 2.50 0.00	37.44 2.16 0.00	35.03 2.09 0.00	38.53 2.74 -0.05	39.39 2.94 -0.61	42.31 2.61 0.00	47.66 2.90 0.00	46.35 2.89 0.00	40.96 2.75 0.00	43.47 2.91 -0.01	48.99 3.10 -2.49	52.84 3.21 -9.42	41.29 3.06 -0.01	39.18 2.75 -0.01	33.50 2.25 -0.01	39.60 2.58 0.00	32.31 2.08 0.00
FREEPORT___CT2 23818	21.74 1.45 -4.34	19.83 1.53 0.00	25.23 1.72 0.00	23.03 1.45 0.00	24.94 1.84 0.00	28.41 2.11 0.00	34.32 2.35 0.00	37.50 2.50 0.00	37.44 2.16 0.00	35.03 2.09 0.00	38.53 2.74 -0.05	39.39 2.94 -0.61	42.31 2.61 0.00	47.66 2.90 0.00	46.35 2.89 0.00	40.96 2.75 0.00	43.47 2.91 -0.01	48.99 3.10 -2.49	52.84 3.21 -9.42	41.29 3.06 -0.01	39.18 2.75 -0.01	33.50 2.25 -0.01	39.60 2.58 0.00	32.31 2.08 0.00
FRESHKLS_33_KV_LOAD 356253	17.09 1.13 0.00	19.48 1.17 0.00	24.80 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.04 1.74 0.00	34.17 2.19 0.00	37.62 2.62 0.00	37.55 2.26 0.00	35.00 2.07 0.00	38.04 2.30 0.00	38.25 2.42 0.00	42.19 2.50 0.00	47.63 2.87 0.00	46.33 2.88 0.00	40.81 2.60 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.13 2.91 0.00	41.02 2.79 0.00	39.05 2.63 0.00	33.46 2.21 0.00	39.64 2.63 0.00	32.16 1.93 0.00
FULTON COGEN____ 23766	15.73 -0.22 0.00	18.07 -0.23 0.00	23.20 -0.31 0.00	21.32 -0.27 0.00	22.81 -0.29 0.00	25.90 -0.40 0.00	31.45 -0.52 0.00	34.37 -0.64 0.00	34.60 -0.68 0.00	32.27 -0.66 0.00	35.02 -0.72 0.00	35.10 -0.74 0.00	38.91 -0.79 0.00	43.89 -0.87 0.00	42.61 -0.84 0.00	37.49 -0.72 0.00	39.87 -0.69 0.00	42.67 -0.74 0.00	39.55 -0.67 0.00	37.55 -0.68 0.00	35.76 -0.66 0.00	30.65 -0.59 0.00	36.31 -0.71 0.00	29.76 -0.47 0.00
FULTON___LFGE 323630	16.79 0.83 0.00	19.24 0.94 0.00	24.69 1.19 0.00	22.70 1.11 0.00	24.34 1.24 0.00	27.80 1.50 0.00	34.07 2.09 0.00	37.41 2.41 0.00	37.78 2.49 0.00	35.21 2.27 0.00	38.10 2.36 0.00	38.13 2.30 0.00	42.31 2.62 0.00	47.74 2.98 0.00	46.45 3.00 0.00	40.83 2.62 0.00	43.39 2.84 0.00	46.47 3.07 0.00	43.04 2.82 0.00	40.86 2.63 0.00	38.87 2.45 0.00	33.26 2.02 0.00	39.33 2.31 0.00	32.03 1.80 0.00
G.F.CEMENT___DRP 24184	17.09 1.13 0.00	19.59 1.29 0.00	25.12 1.61 0.00	23.06 1.48 0.00	24.75 1.65 0.00	28.46 2.16 0.00	34.72 2.75 0.00	38.07 3.07 0.00	38.40 3.12 0.00	35.80 2.86 0.00	38.83 3.08 0.00	38.84 3.00 0.00	42.98 3.29 0.00	48.27 3.51 0.00	46.90 3.45 0.00	41.30 3.10 0.00	43.72 3.17 0.00	46.94 3.54 0.00	43.42 3.20 0.00	41.35 3.12 0.00	39.36 2.93 0.00	33.79 2.55 0.00	39.91 2.90 0.00	32.36 2.14 0.00
GARDENVILLE___LBMP 24039	15.47 -0.48 0.00	17.99 -0.31 0.00	22.93 -0.57 0.00	21.16 -0.42 0.00	22.86 -0.24 0.00	26.04 -0.26 0.00	31.50 -0.48 0.00	33.69 -1.31 0.00	34.15 -1.13 0.00	32.09 -0.85 0.00	34.63 -1.12 0.00	34.51 -1.33 0.00	38.54 -1.15 0.00	43.45 -1.31 0.00	42.02 -1.44 0.00	37.01 -1.20 0.00	39.56 -0.99 0.00	41.85 -1.55 0.00	38.87 -1.35 0.00	36.67 -1.56 0.00	34.90 -1.53 0.00	30.01 -1.23 0.00	35.73 -1.29 0.00	29.13 -1.10 0.00
GARDNVLA_35_KV_LD 355827	15.56 -0.39 0.00	18.08 -0.22 0.00	23.05 -0.46 0.00	21.27 -0.31 0.00	22.96 -0.14 0.00	26.17 -0.13 0.00	31.68 -0.30 0.00	33.89 -1.11 0.00	34.36 -0.93 0.00	32.27 -0.67 0.00	34.83 -0.91 0.00	34.71 -1.13 0.00	38.78 -0.91 0.00	43.72 -1.04 0.00	42.27 -1.18 0.00	37.23 -0.98 0.00	39.80 -0.75 0.00	42.11 -1.30 0.00	39.11 -1.11 0.00	36.88 -1.34 0.00	35.10 -1.33 0.00	30.18 -1.06 0.00	35.91 -1.10 0.00	29.28 -0.95 0.00
GELCKHM___115KV_LOAD 80723	15.82 -0.14 0.00	18.17 -0.14 0.00	23.31 -0.19 0.00	21.42 -0.16 0.00	22.93 -0.17 0.00	26.05 -0.25 0.00	31.65 -0.33 0.00	34.56 -0.44 0.00	34.82 -0.46 0.00	32.50 -0.44 0.00	35.26 -0.49 0.00	35.33 -0.51 0.00	39.18 -0.52 0.00	44.19 -0.57 0.00	42.90 -0.56 0.00	37.74 -0.47 0.00	40.12 -0.44 0.00	42.91 -0.49 0.00	39.78 -0.44 0.00	37.75 -0.48 0.00	35.96 -0.46 0.00	30.83 -0.41 0.00	36.54 -0.48 0.00	29.91 -0.31 0.00
GENERAL___MILLS 23808	15.54 -0.42 0.00	18.06 -0.24 0.00	23.02 -0.48 0.00	21.24 -0.34 0.00	22.94 -0.16 0.00	26.14 -0.16 0.00	31.63 -0.35 0.00	33.84 -1.17 0.00	34.30 -0.99 0.00	32.22 -0.72 0.00	34.77 -0.97 0.00	34.65 -1.19 0.00	38.71 -0.99 0.00	43.63 -1.13 0.00	42.19 -1.26 0.00	37.16 -1.05 0.00	39.72 -0.83 0.00	42.02 -1.38 0.00	39.03 -1.19 0.00	36.82 -1.41 0.00	35.04 -1.39 0.00	30.13 -1.12 0.00	35.86 -1.16 0.00	29.24 -0.99 0.00
GE_PLASTICS___DRP 24183	16.28 0.33 0.00	18.68 0.37 0.00	24.03 0.52 0.00	22.04 0.46 0.00	23.53 0.44 0.00	26.84 0.54 0.00	32.63 0.65 0.00	35.81 0.80 0.00	35.99 0.71 0.00	33.56 0.63 0.00	36.47 0.73 0.00	36.58 0.74 0.00	40.46 0.77 0.00	45.64 0.88 0.00	44.31 0.86 0.00	38.98 0.77 0.00	41.35 0.79 0.00	44.33 0.92 0.00	41.07 0.85 0.00	39.05 0.83 0.00	37.20 0.78 0.00	31.93 0.69 0.00	37.78 0.76 0.00	30.76 0.54 0.00
GILBOA___1 23756	16.37 0.41 0.00	18.77 0.47 0.00	24.28 0.77 0.00	22.24 0.65 0.00	23.71 0.62 0.00	26.95 0.65 0.00	32.79 0.82 0.00	35.97 0.96 0.00	36.14 0.86 0.00	33.71 0.77 0.00	36.62 0.87 0.00	36.74 0.90 0.00	40.63 0.94 0.00	45.84 1.08 0.00	44.44 0.99 0.00	39.14 0.93 0.00	41.44 0.88 0.00	44.37 0.97 0.00	41.19 0.98 0.00	39.21 0.98 0.00	37.37 0.95 0.00	32.06 0.82 0.00	37.96 0.94 0.00	30.89 0.67 0.00
GILBOA___2 23757	16.37 0.41 0.00	18.77 0.47 0.00	24.28 0.77 0.00	22.24 0.65 0.00	23.71 0.62 0.00	26.95 0.65 0.00	32.79 0.82 0.00	35.97 0.96 0.00	36.14 0.86 0.00	33.71 0.77 0.00	36.62 0.87 0.00	36.74 0.90 0.00	40.63 0.94 0.00	45.84 1.08 0.00	44.44 0.99 0.00	39.14 0.93 0.00	41.44 0.88 0.00	44.37 0.97 0.00	41.19 0.98 0.00	39.21 0.98 0.00	37.37 0.95 0.00	32.06 0.82 0.00	37.96 0.94 0.00	30.89 0.67 0.00

GILBOA___3 23758	16.37 0.41 0.00	18.77 0.47 0.00	24.28 0.77 0.00	22.24 0.65 0.00	23.71 0.62 0.00	26.95 0.65 0.00	32.79 0.82 0.00	35.97 0.96 0.00	36.14 0.86 0.00	33.71 0.77 0.00	36.62 0.87 0.00	36.74 0.90 0.00	40.63 0.94 0.00	45.84 1.08 0.00	44.44 0.99 0.00	39.14 0.93 0.00	41.44 0.88 0.00	44.37 0.97 0.00	41.19 0.98 0.00	39.21 0.98 0.00	37.37 0.95 0.00	32.06 0.82 0.00	37.96 0.94 0.00	30.89 0.67 0.00
GILBOA___4 23759	16.37 0.41 0.00	18.77 0.47 0.00	24.28 0.77 0.00	22.24 0.65 0.00	23.71 0.62 0.00	26.95 0.65 0.00	32.79 0.82 0.00	35.97 0.96 0.00	36.14 0.86 0.00	33.71 0.77 0.00	36.62 0.87 0.00	36.74 0.90 0.00	40.63 0.94 0.00	45.84 1.08 0.00	44.44 0.99 0.00	39.14 0.93 0.00	41.44 0.88 0.00	44.37 0.97 0.00	41.19 0.98 0.00	39.21 0.98 0.00	37.37 0.95 0.00	32.06 0.82 0.00	37.96 0.94 0.00	30.89 0.67 0.00
GILBOA___ 23599	16.37 0.41 0.00	18.77 0.47 0.00	24.28 0.78 0.00	22.24 0.65 0.00	23.72 0.62 0.00	26.95 0.65 0.00	32.80 0.82 0.00	35.97 0.97 0.00	36.14 0.86 0.00	33.71 0.77 0.00	36.63 0.88 0.00	36.74 0.90 0.00	40.63 0.94 0.00	45.83 1.07 0.00	44.44 0.99 0.00	39.14 0.93 0.00	41.44 0.89 0.00	44.38 0.98 0.00	41.20 0.98 0.00	39.21 0.98 0.00	37.37 0.95 0.00	32.07 0.82 0.00	37.96 0.94 0.00	30.89 0.67 0.00
GINNA___ 23603	14.94 -1.02 0.00	17.21 -1.09 0.00	22.01 -1.49 0.00	20.25 -1.33 0.00	21.77 -1.33 0.00	24.83 -1.48 0.00	30.14 -1.84 0.00	32.66 -2.35 0.00	32.94 -2.34 0.00	30.72 -2.15 0.06	32.07 -2.49 1.18	33.25 -2.59 0.00	37.04 -2.66 0.00	41.26 -2.95 0.55	39.77 -2.83 0.85	35.41 -2.47 0.32	37.95 -2.42 0.19	40.58 -2.77 0.05	37.65 -2.57 0.00	35.66 -2.56 0.00	33.94 -2.48 0.00	29.08 -2.16 0.00	34.53 -2.48 0.00	28.24 -1.99 0.00
GLEN PARK___ 23778	15.74 -0.21 0.00	18.05 -0.25 0.00	23.56 0.05 0.00	21.56 -0.02 0.00	23.24 0.14 0.00	26.95 0.65 0.00	33.35 1.38 0.00	36.68 1.68 0.00	37.43 2.15 0.00	35.02 2.08 0.00	37.92 2.18 0.00	37.99 2.16 0.00	42.20 2.51 0.00	47.46 2.70 0.00	46.00 2.55 0.00	40.18 1.97 0.00	42.72 2.16 0.00	45.64 2.23 0.00	42.43 2.21 0.00	40.24 2.02 0.00	38.33 1.90 0.00	32.81 1.56 0.00	38.59 1.58 0.00	31.28 1.06 0.00
GLENDALE_27_KV_LOAD 356172	17.15 1.20 0.00	19.54 1.24 0.00	24.88 1.37 0.00	22.83 1.25 0.00	24.55 1.45 0.00	28.11 1.81 0.00	34.24 2.26 0.00	37.69 2.69 0.00	37.72 2.43 0.00	35.21 2.28 0.00	38.29 2.55 0.00	38.51 2.67 0.00	42.47 2.78 0.00	47.93 3.17 0.00	46.64 3.19 0.00	41.07 2.86 0.00	43.53 2.98 0.00	46.69 3.29 0.00	43.34 3.12 0.00	41.20 2.97 0.00	39.21 2.79 0.00	33.56 2.32 0.00	39.76 2.74 0.00	32.28 2.05 0.00
GLENWOOD_IC_1_G5 23712	22.09 1.30 -4.83	19.67 1.37 0.00	25.05 1.54 0.00	22.93 1.35 0.00	24.74 1.64 0.00	28.25 1.95 0.00	34.33 2.35 0.00	37.63 2.62 0.00	37.62 2.34 0.00	35.15 2.21 0.00	38.39 2.60 -0.04	39.14 2.76 -0.54	42.36 2.67 0.00	47.76 3.00 0.00	46.45 3.00 0.00	40.97 2.76 0.00	43.47 2.91 0.00	47.88 3.24 -1.23	51.36 3.14 -8.00	41.17 2.94 0.00	39.15 2.72 0.00	33.51 2.26 0.00	39.65 2.63 0.00	32.24 2.01 0.00
GLENWOOD_IC_2_G1 23688	17.14 1.18 0.00	19.54 1.24 0.00	24.89 1.39 0.00	22.82 1.24 0.00	24.57 1.48 0.00	28.08 1.78 0.00	34.15 2.18 0.00	37.48 2.48 0.00	37.49 2.21 0.00	34.99 2.05 0.00	38.13 2.38 0.00	38.35 2.52 0.00	42.18 2.49 0.00	47.59 2.83 0.00	46.29 2.84 0.00	40.79 2.59 0.00	43.28 2.72 0.00	46.44 3.04 0.00	43.13 2.91 0.00	40.97 2.74 0.00	38.98 2.56 0.00	33.38 2.13 0.00	39.51 2.50 0.00	32.11 1.89 0.00
GLENWOOD_IC_3_G1 23689	17.14 1.18 0.00	19.54 1.24 0.00	24.89 1.39 0.00	22.82 1.24 0.00	24.57 1.48 0.00	28.08 1.78 0.00	34.15 2.18 0.00	37.48 2.48 0.00	37.49 2.21 0.00	34.99 2.05 0.00	38.13 2.38 0.00	38.35 2.52 0.00	42.18 2.49 0.00	47.59 2.83 0.00	46.29 2.84 0.00	40.79 2.59 0.00	43.28 2.72 0.00	46.44 3.04 0.00	43.13 2.91 0.00	40.97 2.74 0.00	38.98 2.56 0.00	33.38 2.13 0.00	39.51 2.50 0.00	32.11 1.89 0.00
GLENWOOD___4 23550	22.09 1.30 -4.83	19.67 1.37 0.00	25.05 1.54 0.00	22.93 1.35 0.00	24.74 1.64 0.00	28.25 1.95 0.00	34.33 2.35 0.00	37.63 2.62 0.00	37.62 2.34 0.00	35.15 2.21 0.00	38.39 2.60 -0.04	39.14 2.76 -0.54	42.36 2.67 0.00	47.76 3.00 0.00	46.45 3.00 0.00	40.97 2.76 0.00	43.47 2.91 0.00	47.88 3.24 -1.23	51.36 3.14 -8.00	41.17 2.94 0.00	39.15 2.72 0.00	33.51 2.26 0.00	39.65 2.63 0.00	32.24 2.01 0.00
GLENWOOD___5 23614	22.09 1.30 -4.83	19.67 1.37 0.00	25.05 1.54 0.00	22.93 1.35 0.00	24.74 1.64 0.00	28.25 1.95 0.00	34.33 2.35 0.00	37.63 2.62 0.00	37.62 2.34 0.00	35.15 2.21 0.00	38.39 2.60 -0.04	39.14 2.76 -0.54	42.36 2.67 0.00	47.76 3.00 0.00	46.45 3.00 0.00	40.97 2.76 0.00	43.47 2.91 0.00	47.88 3.24 -1.23	51.36 3.14 -8.00	41.17 2.94 0.00	39.15 2.72 0.00	33.51 2.26 0.00	39.65 2.63 0.00	32.24 2.01 0.00
GLOBAL GREEN_PORT_GT1 23814	21.10 1.39 -3.75	20.00 1.69 0.00	25.24 1.73 0.00	22.61 1.03 0.00	24.51 1.41 0.00	27.97 1.67 0.00	34.03 2.06 0.00	37.12 2.11 0.00	36.59 1.30 0.00	4.31 1.17 29.79	26.02 1.53 11.26	38.49 2.50 -0.16	41.56 1.87 0.00	46.81 2.05 0.00	45.49 2.04 0.00	40.38 2.17 0.00	42.89 2.34 0.01	44.26 2.67 1.82	44.47 2.66 -1.58	40.82 2.60 0.01	38.69 2.28 0.01	32.71 1.47 0.01	38.68 1.67 0.00	31.62 1.39 0.00
GLOBE___DSASP 323697	14.97 -0.99 0.00	17.34 -0.97 0.00	22.09 -1.42 0.00	20.37 -1.21 0.00	21.99 -1.11 0.00	25.11 -1.19 0.00	30.21 -1.77 0.00	32.23 -2.77 0.00	32.67 -2.61 0.00	30.73 -2.20 0.00	33.10 -2.65 0.00	32.86 -2.97 0.00	36.76 -2.93 0.00	41.42 -3.34 0.00	40.02 -3.43 0.00	35.23 -2.98 0.00	37.63 -2.93 0.00	39.78 -3.62 0.00	36.92 -3.30 0.00	34.92 -3.31 0.00	33.26 -3.16 0.00	28.69 -2.56 0.00	34.34 -2.67 0.00	28.12 -2.10 0.00
GOETHSLN___LBMP 323567	17.08 1.12 0.00	19.46 1.15 0.00	24.78 1.27 0.00	22.74 1.16 0.00	24.46 1.36 0.00	27.99 1.69 0.00	34.07 2.10 0.00	37.48 2.48 0.00	37.46 2.18 0.00	34.94 2.00 0.00	38.02 2.27 0.00	38.22 2.38 0.00	42.15 2.46 0.00	47.59 2.83 0.00	46.33 2.88 0.00	40.77 2.56 0.00	43.23 2.68 0.00	46.42 3.02 0.00	43.06 2.83 0.00	40.91 2.68 0.00	38.96 2.54 0.00	33.38 2.13 0.00	39.55 2.54 0.00	32.09 1.86 0.00
GOLAH___69_KV_TB 1_2 80279	15.65 -0.31 0.00	18.09 -0.22 0.00	23.07 -0.43 0.00	21.24 -0.34 0.00	22.85 -0.25 0.00	26.14 -0.16 0.00	31.71 -0.26 0.00	34.14 -0.86 0.00	34.48 -0.80 0.00	32.19 -0.75 0.00	34.67 -1.07 0.00	34.62 -1.22 0.00	38.56 -1.13 0.00	43.63 -1.13 0.00	42.36 -1.09 0.00	37.32 -0.89 0.00	39.87 -0.68 0.00	42.43 -0.98 0.00	39.36 -0.86 0.00	37.26 -0.96 0.00	35.45 -0.97 0.00	30.44 -0.81 0.00	36.18 -0.84 0.00	29.55 -0.67 0.00

GOODYEAR_LAKE_HYD 323669	16.51 0.55 0.00	18.94 0.64 0.00	24.32 0.81 0.00	22.36 0.77 0.00	23.99 0.90 0.00	27.37 1.07 0.00	33.46 1.48 0.00	36.67 1.67 0.00	36.89 1.60 0.00	34.45 1.51 0.00	37.39 1.64 0.00	37.49 1.66 0.00	41.52 1.83 0.00	46.86 2.10 0.00	45.46 2.01 0.00	39.97 1.77 0.00	42.48 1.93 0.00	45.48 2.08 0.00	42.22 2.00 0.00	40.08 1.85 0.00	38.15 1.72 0.00	32.64 1.40 0.00	38.61 1.60 0.00	31.40 1.17 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.15 0.19 0.00	18.58 0.28 0.00	23.79 0.28 0.00	21.96 0.37 0.00	23.55 0.45 0.00	26.76 0.46 0.00	32.72 0.74 0.00	35.63 0.63 0.00	35.85 0.57 0.00	33.40 0.46 0.00	36.27 0.53 0.00	36.38 0.54 0.00	40.30 0.61 0.00	45.45 0.69 0.00	44.09 0.64 0.00	38.78 0.57 0.00	41.24 0.68 0.00	44.13 0.73 0.00	40.99 0.77 0.00	38.89 0.66 0.00	37.01 0.58 0.00	31.73 0.48 0.00	37.58 0.56 0.00	30.53 0.30 0.00
GOUDEY___7 23579	16.15 0.19 0.00	18.58 0.28 0.00	23.79 0.28 0.00	21.96 0.37 0.00	23.55 0.45 0.00	26.76 0.46 0.00	32.72 0.74 0.00	35.63 0.63 0.00	35.85 0.57 0.00	33.40 0.46 0.00	36.27 0.53 0.00	36.38 0.54 0.00	40.30 0.61 0.00	45.45 0.69 0.00	44.09 0.64 0.00	38.78 0.57 0.00	41.24 0.68 0.00	44.13 0.73 0.00	40.99 0.77 0.00	38.89 0.66 0.00	37.01 0.58 0.00	31.73 0.48 0.00	37.58 0.56 0.00	30.53 0.30 0.00
GOUDEY___8 23580	16.15 0.19 0.00	18.58 0.28 0.00	23.79 0.28 0.00	21.96 0.37 0.00	23.55 0.45 0.00	26.76 0.46 0.00	32.72 0.74 0.00	35.63 0.63 0.00	35.85 0.57 0.00	33.40 0.46 0.00	36.27 0.53 0.00	36.38 0.54 0.00	40.30 0.61 0.00	45.45 0.69 0.00	44.09 0.64 0.00	38.78 0.57 0.00	41.24 0.68 0.00	44.13 0.73 0.00	40.99 0.77 0.00	38.89 0.66 0.00	37.01 0.58 0.00	31.73 0.48 0.00	37.58 0.56 0.00	30.53 0.30 0.00
GOWANUS_GT1_1 24077	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT1_2 24078	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT1_3 24079	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT1_4 24080	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT1_5 24084	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT1_6 24111	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT1_7 24112	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT1_8 24113	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT2_1 24114	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT2_2 24115	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT2_3 24116	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00

GOWANUS_GT2_4 24117	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT2_5 24118	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT2_6 24119	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT2_7 24120	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT2_8 24121	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT3_1 24122	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT3_2 24123	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT3_3 24124	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT3_4 24125	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT3_5 24126	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT3_6 24127	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT3_7 24128	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT3_8 24129	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GOWANUS_GT4_1 24130	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT4_2 24131	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00

GOWANUS_GT4_3 24132	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT4_4 24133	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT4_5 24134	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT4_6 24135	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT4_7 24136	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GOWANUS_GT4_8 24137	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.06 1.76 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.11 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.82 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.26 3.04 0.00	41.14 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
GREENBSH_115KV_TB3 55895	16.23 0.28 0.00	18.63 0.32 0.00	23.97 0.46 0.00	21.99 0.41 0.00	23.46 0.36 0.00	26.77 0.47 0.00	32.52 0.54 0.00	35.71 0.71 0.00	35.88 0.60 0.00	33.46 0.53 0.00	36.37 0.63 0.00	36.48 0.64 0.00	40.35 0.66 0.00	45.50 0.74 0.00	44.19 0.74 0.00	38.87 0.67 0.00	41.23 0.68 0.00	44.21 0.81 0.00	40.95 0.73 0.00	38.94 0.72 0.00	37.10 0.67 0.00	31.86 0.62 0.00	37.67 0.66 0.00	30.68 0.45 0.00
GREENIDGE_115KV_TB5 80291	15.80 -0.15 0.00	18.34 0.04 0.00	23.53 0.02 0.00	21.75 0.17 0.00	23.37 0.27 0.00	26.58 0.27 0.00	32.61 0.63 0.00	35.20 0.20 0.00	35.48 0.19 0.00	33.15 0.22 0.00	35.63 -0.11 0.00	35.81 -0.03 0.00	39.72 0.03 0.00	44.82 0.07 0.00	43.74 0.29 0.00	38.37 0.17 0.00	40.94 0.39 0.00	43.70 0.30 0.00	40.57 0.35 0.00	38.39 0.17 0.00	36.67 0.24 0.00	31.23 -0.02 0.00	36.85 -0.16 0.00	29.95 -0.28 0.00
GREENIDGE___3 23582	15.80 -0.15 0.00	18.34 0.04 0.00	23.53 0.02 0.00	21.75 0.17 0.00	23.37 0.27 0.00	26.58 0.27 0.00	32.61 0.63 0.00	35.20 0.20 0.00	35.48 0.19 0.00	33.15 0.22 0.00	35.63 -0.11 0.00	35.81 -0.03 0.00	39.72 0.03 0.00	44.82 0.07 0.00	43.74 0.29 0.00	38.37 0.17 0.00	40.94 0.39 0.00	43.70 0.30 0.00	40.57 0.35 0.00	38.39 0.17 0.00	36.67 0.24 0.00	31.23 -0.02 0.00	36.85 -0.16 0.00	29.95 -0.28 0.00
GREENIDGE___4 23583	15.80 -0.15 0.00	18.34 0.04 0.00	23.53 0.02 0.00	21.75 0.17 0.00	23.37 0.27 0.00	26.58 0.28 0.00	32.61 0.64 0.00	35.20 0.20 0.00	35.48 0.19 0.00	33.18 0.22 -0.03	36.19 -0.11 -0.56	35.81 -0.03 0.00	39.72 0.03 0.00	45.08 0.06 -0.26	44.14 0.28 -0.40	38.52 0.16 -0.15	41.03 0.39 -0.09	43.72 0.30 -0.02	40.58 0.36 0.00	38.39 0.17 0.00	36.66 0.24 0.00	31.22 -0.03 0.00	36.86 -0.16 0.00	29.95 -0.28 0.00
GREENLWN_69_KV_BK 3 55738	21.09 1.35 -3.78	19.72 1.42 0.00	25.08 1.58 0.00	22.86 1.28 0.00	24.80 1.70 0.00	28.22 1.92 0.00	34.10 2.12 0.00	37.12 2.11 0.00	37.02 1.74 0.00	34.59 1.65 0.00	38.00 2.25 0.00	38.59 2.57 -0.17	41.76 2.07 0.00	46.94 2.17 0.00	45.61 2.16 0.00	40.40 2.19 0.00	42.79 2.24 0.01	44.24 2.50 1.67	44.66 2.57 -1.86	40.62 2.40 0.01	38.59 2.17 0.01	32.97 1.72 0.01	39.02 2.00 0.00	31.96 1.73 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
GRISSOM___SOLAR 323813	16.79 0.83 0.00	19.24 0.94 0.00	24.69 1.19 0.00	22.69 1.11 0.00	24.32 1.22 0.00	27.78 1.48 0.00	34.01 2.04 0.00	37.37 2.37 0.00	37.69 2.41 0.00	35.11 2.18 0.00	38.00 2.26 0.00	38.05 2.21 0.00	42.20 2.50 0.00	47.61 2.85 0.00	46.33 2.88 0.00	40.74 2.54 0.00	43.30 2.75 0.00	46.38 2.98 0.00	42.96 2.74 0.00	40.79 2.56 0.00	38.81 2.39 0.00	33.22 1.97 0.00	39.27 2.25 0.00	31.97 1.75 0.00
GROVEVILLE___HYD 323602	17.01 1.05 0.00	19.41 1.11 0.00	24.78 1.27 0.00	22.75 1.17 0.00	24.44 1.34 0.00	27.96 1.66 0.00	34.12 2.14 0.00	37.50 2.50 0.00	37.58 2.30 0.00	35.06 2.12 0.00	38.15 2.40 0.00	38.32 2.48 0.00	42.28 2.59 0.00	47.72 2.96 0.00	46.39 2.94 0.00	40.85 2.64 0.00	43.40 2.84 0.00	46.58 3.18 0.00	43.19 2.97 0.00	41.01 2.79 0.00	39.05 2.62 0.00	33.45 2.20 0.00	39.58 2.56 0.00	32.11 1.89 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.91 -0.04 0.00	18.29 -0.02 0.00	23.46 -0.04 0.00	21.56 -0.02 0.00	23.09 -0.01 0.00	26.23 -0.07 0.00	31.91 -0.07 0.00	34.84 -0.16 0.00	35.08 -0.21 0.00	32.72 -0.22 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.46 -0.24 0.00	44.52 -0.24 0.00	43.23 -0.22 0.00	38.02 -0.19 0.00	40.44 -0.12 0.00	43.27 -0.14 0.00	40.09 -0.12 0.00	38.06 -0.17 0.00	36.24 -0.18 0.00	31.06 -0.18 0.00	36.81 -0.21 0.00	30.11 -0.11 0.00

HAMLTNNY_34_KV_TB 80303	15.93 -0.03 0.00	18.31 0.01 0.00	23.49 -0.01 0.00	21.60 0.02 0.00	23.14 0.05 0.00	26.28 -0.02 0.00	31.99 0.01 0.00	34.90 -0.10 0.00	35.12 -0.16 0.00	32.74 -0.19 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.48 -0.21 0.00	44.54 -0.22 0.00	43.25 -0.20 0.00	38.04 -0.16 0.00	40.46 -0.10 0.00	43.29 -0.11 0.00	40.14 -0.07 0.00	38.08 -0.14 0.00	36.26 -0.17 0.00	31.07 -0.17 0.00	36.80 -0.22 0.00	30.09 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	15.17 -0.79 0.00	17.39 -0.91 0.00	22.48 -1.03 0.00	20.64 -0.95 0.00	22.17 -0.93 0.00	25.82 -0.48 0.00	31.95 -0.02 0.00	35.15 0.15 0.00	36.56 1.27 0.00	34.49 1.55 0.00	37.37 1.63 0.00	37.45 1.61 0.00	41.68 1.99 0.00	46.77 2.01 0.00	45.30 1.85 0.00	39.24 1.03 0.00	41.55 0.99 0.00	44.17 0.76 0.00	40.85 0.63 0.00	38.96 0.73 0.00	37.30 0.87 0.00	32.07 0.82 0.00	37.95 0.93 0.00	30.65 0.42 0.00
HARDSCRABBLE_WT_PWR 323673	16.15 0.19 0.00	18.41 0.11 0.00	23.77 0.26 0.00	21.97 0.38 0.00	23.49 0.39 0.00	26.64 0.35 0.00	32.72 0.74 0.00	36.00 0.99 0.00	36.18 0.89 0.00	33.69 0.76 0.00	36.56 0.81 0.00	36.70 0.87 0.00	40.59 0.89 0.00	45.82 1.06 0.00	44.56 1.11 0.00	39.15 0.95 0.00	41.55 0.99 0.00	44.61 1.21 0.00	41.33 1.11 0.00	39.27 1.05 0.00	37.36 0.93 0.00	31.97 0.72 0.00	37.76 0.75 0.00	30.63 0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.98 1.02 0.00	19.37 1.06 0.00	24.69 1.18 0.00	22.68 1.10 0.00	24.39 1.29 0.00	27.91 1.61 0.00	34.06 2.08 0.00	37.42 2.42 0.00	37.42 2.14 0.00	34.87 1.93 0.00	37.94 2.19 0.00	38.13 2.29 0.00	42.06 2.37 0.00	47.51 2.74 0.00	46.19 2.74 0.00	40.66 2.46 0.00	43.24 2.68 0.00	46.44 3.04 0.00	43.08 2.86 0.00	40.88 2.65 0.00	38.94 2.52 0.00	33.36 2.12 0.00	39.48 2.46 0.00	32.02 1.80 0.00
HARSNRAD_115KV_TB1 81005	15.22 -0.74 0.00	17.64 -0.66 0.00	22.48 -1.03 0.00	20.75 -0.84 0.00	22.40 -0.69 0.00	25.59 -0.71 0.00	30.85 -1.12 0.00	32.95 -2.05 0.00	33.38 -1.90 0.00	31.32 -1.62 0.00	33.68 -2.07 0.00	33.49 -2.34 0.00	37.45 -2.24 0.00	42.18 -2.59 0.00	40.80 -2.65 0.00	35.96 -2.25 0.00	38.44 -2.12 0.00	40.63 -2.77 0.00	37.82 -2.40 0.00	35.77 -2.45 0.00	34.06 -2.36 0.00	29.35 -1.90 0.00	35.03 -1.98 0.00	28.64 -1.58 0.00
HARZA MOOSE___RIVER 24016	15.84 -0.12 0.00	18.22 -0.08 0.00	23.59 0.08 0.00	21.66 0.07 0.00	23.27 0.17 0.00	26.84 0.54 0.00	32.99 1.01 0.00	36.18 1.18 0.00	36.80 1.52 0.00	34.43 1.50 0.00	37.34 1.59 0.00	37.44 1.60 0.00	41.52 1.83 0.00	46.73 1.97 0.00	45.36 1.91 0.00	39.68 1.48 0.00	42.13 1.57 0.00	44.98 1.57 0.00	41.70 1.49 0.00	39.60 1.38 0.00	37.73 1.31 0.00	32.35 1.10 0.00	38.20 1.19 0.00	31.01 0.79 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	15.83 -0.13 0.00	18.18 -0.12 0.00	23.33 -0.17 0.00	21.44 -0.14 0.00	22.95 -0.15 0.00	26.07 -0.23 0.00	31.68 -0.29 0.00	34.59 -0.42 0.00	34.83 -0.45 0.00	32.50 -0.43 0.00	35.28 -0.46 0.00	35.36 -0.48 0.00	39.19 -0.50 0.00	44.21 -0.55 0.00	42.91 -0.54 0.00	37.74 -0.47 0.00	40.11 -0.44 0.00	42.89 -0.51 0.00	39.77 -0.45 0.00	37.74 -0.48 0.00	35.98 -0.44 0.00	30.84 -0.41 0.00	36.55 -0.47 0.00	29.91 -0.31 0.00
HELLGATE_13_KV_LD 55870	17.09 1.13 0.00	19.47 1.16 0.00	24.79 1.28 0.00	22.75 1.17 0.00	24.46 1.36 0.00	28.00 1.70 0.00	34.09 2.11 0.00	37.51 2.51 0.00	37.53 2.25 0.00	35.05 2.11 0.00	38.10 2.35 0.00	38.32 2.48 0.00	42.24 2.55 0.00	47.67 2.91 0.00	46.40 2.95 0.00	40.86 2.66 0.00	43.32 2.76 0.00	46.44 3.04 0.00	43.10 2.88 0.00	40.99 2.76 0.00	39.02 2.59 0.00	33.39 2.14 0.00	39.59 2.58 0.00	32.14 1.92 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.09 1.13 0.00	19.47 1.16 0.00	24.79 1.28 0.00	22.75 1.17 0.00	24.46 1.36 0.00	28.00 1.70 0.00	34.09 2.11 0.00	37.51 2.51 0.00	37.53 2.25 0.00	35.05 2.11 0.00	38.10 2.35 0.00	38.32 2.48 0.00	42.24 2.55 0.00	47.67 2.91 0.00	46.40 2.95 0.00	40.86 2.66 0.00	43.32 2.76 0.00	46.44 3.04 0.00	43.10 2.88 0.00	40.99 2.76 0.00	39.02 2.59 0.00	33.39 2.14 0.00	39.59 2.58 0.00	32.14 1.92 0.00
HEMPSTEAD____ 23647	21.82 1.32 -4.55	19.69 1.38 0.00	25.05 1.54 0.00	22.89 1.31 0.00	24.76 1.66 0.00	28.24 1.94 0.00	34.22 2.24 0.00	37.42 2.42 0.00	37.39 2.11 0.00	34.95 2.01 0.00	38.29 2.50 -0.05	39.08 2.70 -0.54	42.12 2.43 0.00	47.46 2.70 0.00	46.15 2.70 0.00	40.77 2.57 0.00	43.25 2.69 0.00	47.78 2.97 -1.41	51.10 2.96 -7.92	41.02 2.79 0.00	38.96 2.53 0.00	33.32 2.07 0.00	39.40 2.38 0.00	32.12 1.89 0.00
HEWLETT_69_KV_BK3 55828	22.45 1.46 -5.03	19.84 1.54 0.00	25.23 1.73 0.00	23.06 1.48 0.00	24.95 1.85 0.00	28.45 2.15 0.00	34.47 2.49 0.00	37.69 2.68 0.00	37.67 2.39 0.00	35.25 2.32 0.00	38.70 2.82 -0.13	40.20 3.01 -1.35	42.43 2.73 -0.01	47.81 3.05 0.00	46.49 3.04 0.00	41.06 2.86 0.00	43.60 3.02 -0.03	57.87 3.35 -11.11	68.01 3.35 -24.44	41.39 3.13 -0.03	39.30 2.84 -0.03	33.63 2.35 -0.03	39.74 2.71 -0.01	32.40 2.17 0.00
HICKLING___1 23621	15.74 -0.22 0.00	18.30 -0.01 0.00	23.43 -0.08 0.00	21.78 0.19 0.00	23.39 0.30 0.00	26.52 0.22 0.00	32.71 0.73 0.00	35.25 0.25 0.00	35.48 0.20 0.00	32.92 -0.02 0.00	35.71 -0.03 0.00	35.80 -0.04 0.00	39.66 -0.04 0.00	44.78 0.03 0.00	43.47 0.02 0.00	38.23 0.03 0.00	40.76 0.21 0.00	43.55 0.15 0.00	40.49 0.27 0.00	38.28 0.05 0.00	36.37 -0.06 0.00	31.09 -0.15 0.00	36.76 -0.25 0.00	29.73 -0.50 0.00
HICKLING___2 23622	15.74 -0.22 0.00	18.30 -0.01 0.00	23.43 -0.08 0.00	21.78 0.19 0.00	23.39 0.30 0.00	26.52 0.22 0.00	32.71 0.73 0.00	35.25 0.25 0.00	35.48 0.20 0.00	32.92 -0.02 0.00	35.71 -0.03 0.00	35.80 -0.04 0.00	39.66 -0.04 0.00	44.78 0.03 0.00	43.47 0.02 0.00	38.23 0.03 0.00	40.76 0.21 0.00	43.55 0.15 0.00	40.49 0.27 0.00	38.28 0.05 0.00	36.37 -0.06 0.00	31.09 -0.15 0.00	36.76 -0.25 0.00	29.73 -0.50 0.00
HIGH FALLS___HY 23754	16.96 1.00 0.00	19.33 1.03 0.00	24.67 1.16 0.00	22.65 1.07 0.00	24.35 1.25 0.00	27.82 1.52 0.00	33.99 2.01 0.00	37.36 2.36 0.00	37.43 2.15 0.00	35.03 2.09 0.00	38.13 2.38 0.00	38.25 2.42 0.00	42.07 2.38 0.00	47.52 2.76 0.00	46.20 2.75 0.00	40.69 2.48 0.00	43.25 2.70 0.00	46.44 3.04 0.00	43.10 2.88 0.00	40.90 2.68 0.00	38.94 2.52 0.00	33.35 2.11 0.00	39.45 2.44 0.00	31.99 1.77 0.00
HIGH_RIVER___SOLAR 323847	16.58 0.62 0.00	19.01 0.71 0.00	24.40 0.89 0.00	22.42 0.83 0.00	24.00 0.91 0.00	27.40 1.10 0.00	33.43 1.46 0.00	36.66 1.66 0.00	36.93 1.65 0.00	34.42 1.49 0.00	37.30 1.55 0.00	37.38 1.54 0.00	41.42 1.73 0.00	46.74 1.98 0.00	45.42 1.97 0.00	39.96 1.76 0.00	42.44 1.89 0.00	45.46 2.05 0.00	42.09 1.87 0.00	40.00 1.78 0.00	38.10 1.67 0.00	32.65 1.40 0.00	38.62 1.60 0.00	31.46 1.23 0.00

HILLBURN___GT 23639	16.96 1.00 0.00	19.34 1.04 0.00	24.63 1.13 0.00	22.63 1.04 0.00	24.34 1.25 0.00	27.86 1.56 0.00	33.98 2.00 0.00	37.34 2.34 0.00	37.28 2.00 0.00	34.72 1.78 0.00	37.77 2.03 0.00	37.97 2.13 0.00	41.87 2.18 0.00	47.28 2.52 0.00	45.97 2.52 0.00	40.48 2.27 0.00	43.02 2.47 0.00	46.23 2.83 0.00	42.90 2.68 0.00	40.72 2.50 0.00	38.80 2.38 0.00	33.25 2.01 0.00	39.37 2.35 0.00	31.92 1.70 0.00
HILLSIDE_115KV_TB1 80332	15.70 -0.25 0.00	18.17 -0.13 0.00	23.17 -0.34 0.00	21.54 -0.04 0.00	23.14 0.05 0.00	26.18 -0.12 0.00	32.36 0.38 0.00	34.88 -0.12 0.00	35.12 -0.16 0.00	32.57 -0.36 0.00	35.37 -0.38 0.00	35.48 -0.36 0.00	39.26 -0.43 0.00	44.27 -0.49 0.00	42.92 -0.53 0.00	37.73 -0.48 0.00	40.19 -0.36 0.00	43.01 -0.39 0.00	40.04 -0.17 0.00	37.91 -0.32 0.00	36.06 -0.36 0.00	30.87 -0.38 0.00	36.59 -0.42 0.00	29.54 -0.68 0.00
HISHELDN_WT_PWR 323625	15.22 -0.74 0.00	17.88 -0.42 0.00	22.90 -0.61 0.00	21.18 -0.41 0.00	22.82 -0.28 0.00	25.97 -0.32 0.00	31.53 -0.44 0.00	33.76 -1.24 0.00	34.14 -1.15 0.00	31.82 -1.03 0.09	32.71 -1.28 1.75	34.38 -1.45 0.00	38.39 -1.30 0.00	42.50 -1.45 0.82	40.78 -1.42 1.25	36.53 -1.19 0.48	39.29 -0.98 0.28	41.82 -1.50 0.07	38.91 -1.31 0.00	36.66 -1.56 0.00	34.84 -1.58 0.00	29.86 -1.38 0.00	35.34 -1.68 0.00	28.80 -1.43 0.00
HOLTSVILLE_IC_1 23690	21.12 1.41 -3.74	19.81 1.51 0.00	25.16 1.66 0.00	22.84 1.26 0.00	24.87 1.77 0.00	28.28 1.98 0.00	34.33 2.35 0.00	37.37 2.37 0.00	37.09 1.81 0.00	34.66 1.72 0.00	38.07 2.32 0.00	38.81 2.81 -0.16	41.97 2.28 0.00	47.21 2.45 0.00	45.89 2.44 0.00	40.69 2.49 0.00	43.11 2.56 0.01	44.41 2.83 1.83	44.66 2.89 -1.55	40.96 2.74 0.01	38.91 2.49 0.01	33.13 1.88 0.01	39.20 2.18 0.00	32.13 1.90 0.00
HOLTSVILLE_IC_10 23699	21.19 1.47 -3.76	19.89 1.58 0.00	25.25 1.74 0.00	22.90 1.32 0.00	24.96 1.86 0.00	28.38 2.08 0.00	34.49 2.52 0.00	37.57 2.56 0.00	37.23 1.95 0.00	43.82 1.85 -9.03	41.63 2.47 -3.42	39.02 3.02 -0.16	42.19 2.50 0.00	47.48 2.72 0.00	46.14 2.69 0.00	40.93 2.72 0.00	43.38 2.83 0.01	44.76 3.12 1.77	45.04 3.15 -1.67	41.22 3.00 0.01	39.14 2.72 0.01	33.29 2.05 0.01	39.38 2.36 0.00	32.25 2.03 0.00
HOLTSVILLE_IC_2 23691	21.12 1.41 -3.74	19.81 1.51 0.00	25.16 1.66 0.00	22.84 1.26 0.00	24.87 1.77 0.00	28.28 1.98 0.00	34.33 2.35 0.00	37.37 2.37 0.00	37.09 1.81 0.00	34.66 1.72 0.00	38.07 2.32 0.00	38.81 2.81 -0.16	41.97 2.28 0.00	47.21 2.45 0.00	45.89 2.44 0.00	40.69 2.49 0.00	43.11 2.56 0.01	44.41 2.83 1.83	44.66 2.89 -1.55	40.96 2.74 0.01	38.91 2.49 0.01	33.13 1.88 0.01	39.20 2.18 0.00	32.13 1.90 0.00
HOLTSVILLE_IC_3 23692	21.12 1.41 -3.74	19.81 1.51 0.00	25.16 1.66 0.00	22.84 1.26 0.00	24.87 1.77 0.00	28.28 1.98 0.00	34.33 2.35 0.00	37.37 2.37 0.00	37.09 1.81 0.00	34.66 1.72 0.00	38.07 2.32 0.00	38.81 2.81 -0.16	41.97 2.28 0.00	47.21 2.45 0.00	45.89 2.44 0.00	40.69 2.49 0.00	43.11 2.56 0.01	44.41 2.83 1.83	44.66 2.89 -1.55	40.96 2.74 0.01	38.91 2.49 0.01	33.13 1.88 0.01	39.20 2.18 0.00	32.13 1.90 0.00
HOLTSVILLE_IC_4 23693	21.12 1.41 -3.74	19.81 1.51 0.00	25.16 1.66 0.00	22.84 1.26 0.00	24.87 1.77 0.00	28.28 1.98 0.00	34.33 2.35 0.00	37.37 2.37 0.00	37.09 1.81 0.00	34.66 1.72 0.00	38.07 2.32 0.00	38.81 2.81 -0.16	41.97 2.28 0.00	47.21 2.45 0.00	45.89 2.44 0.00	40.69 2.49 0.00	43.11 2.56 0.01	44.41 2.83 1.83	44.66 2.89 -1.55	40.96 2.74 0.01	38.91 2.49 0.01	33.13 1.88 0.01	39.20 2.18 0.00	32.13 1.90 0.00
HOLTSVILLE_IC_5 23694	21.12 1.41 -3.74	19.81 1.51 0.00	25.16 1.66 0.00	22.84 1.26 0.00	24.87 1.77 0.00	28.28 1.98 0.00	34.33 2.35 0.00	37.37 2.37 0.00	37.09 1.81 0.00	34.66 1.72 0.00	38.07 2.32 0.00	38.81 2.81 -0.16	41.97 2.28 0.00	47.21 2.45 0.00	45.89 2.44 0.00	40.69 2.49 0.00	43.11 2.56 0.01	44.41 2.83 1.83	44.66 2.89 -1.55	40.96 2.74 0.01	38.91 2.49 0.01	33.13 1.88 0.01	39.20 2.18 0.00	32.13 1.90 0.00
HOLTSVILLE_IC_6 23695	21.19 1.47 -3.76	19.89 1.58 0.00	25.25 1.74 0.00	22.90 1.32 0.00	24.96 1.86 0.00	28.38 2.08 0.00	34.49 2.52 0.00	37.57 2.56 0.00	37.23 1.95 0.00	43.82 1.85 -9.03	41.63 2.47 -3.42	39.02 3.02 -0.16	42.19 2.50 0.00	47.48 2.72 0.00	46.14 2.69 0.00	40.93 2.72 0.00	43.38 2.83 0.01	44.76 3.12 1.77	45.04 3.15 -1.67	41.22 3.00 0.01	39.14 2.72 0.01	33.29 2.05 0.01	39.38 2.36 0.00	32.25 2.03 0.00
HOLTSVILLE_IC_7 23696	21.19 1.47 -3.76	19.89 1.58 0.00	25.25 1.74 0.00	22.90 1.32 0.00	24.96 1.86 0.00	28.38 2.08 0.00	34.49 2.52 0.00	37.57 2.56 0.00	37.23 1.95 0.00	43.82 1.85 -9.03	41.63 2.47 -3.42	39.02 3.02 -0.16	42.19 2.50 0.00	47.48 2.72 0.00	46.14 2.69 0.00	40.93 2.72 0.00	43.38 2.83 0.01	44.76 3.12 1.77	45.04 3.15 -1.67	41.22 3.00 0.01	39.14 2.72 0.01	33.29 2.05 0.01	39.38 2.36 0.00	32.25 2.03 0.00
HOLTSVILLE_IC_8 23697	21.19 1.47 -3.76	19.89 1.58 0.00	25.25 1.74 0.00	22.90 1.32 0.00	24.96 1.86 0.00	28.38 2.08 0.00	34.49 2.52 0.00	37.57 2.56 0.00	37.23 1.95 0.00	43.82 1.85 -9.03	41.63 2.47 -3.42	39.02 3.02 -0.16	42.19 2.50 0.00	47.48 2.72 0.00	46.14 2.69 0.00	40.93 2.72 0.00	43.38 2.83 0.01	44.76 3.12 1.77	45.04 3.15 -1.67	41.22 3.00 0.01	39.14 2.72 0.01	33.29 2.05 0.01	39.38 2.36 0.00	32.25 2.03 0.00
HOLTSVILLE_IC_9 23698	21.19 1.47 -3.76	19.89 1.58 0.00	25.25 1.74 0.00	22.90 1.32 0.00	24.96 1.86 0.00	28.38 2.08 0.00	34.49 2.52 0.00	37.57 2.56 0.00	37.23 1.95 0.00	43.82 1.85 -9.03	41.63 2.47 -3.42	39.02 3.02 -0.16	42.19 2.50 0.00	47.48 2.72 0.00	46.14 2.69 0.00	40.93 2.72 0.00	43.38 2.83 0.01	44.76 3.12 1.77	45.04 3.15 -1.67	41.22 3.00 0.01	39.14 2.72 0.01	33.29 2.05 0.01	39.38 2.36 0.00	32.25 2.03 0.00
HOMER_HL_115KV_TB2 355744	16.36 0.41 0.00	19.00 0.70 0.00	24.16 0.65 0.00	22.42 0.84 0.00	24.20 1.11 0.00	27.25 0.95 0.00	33.01 1.04 0.00	35.32 0.32 0.00	35.60 0.31 0.00	33.33 0.40 0.00	36.37 0.62 0.00	36.40 0.56 0.00	40.70 1.00 0.00	45.93 1.17 0.00	44.26 0.81 0.00	38.68 0.47 0.00	41.34 0.78 0.00	43.79 0.38 0.00	40.75 0.53 0.00	38.36 0.14 0.00	36.56 0.13 0.00	31.51 0.26 0.00	37.63 0.61 0.00	30.45 0.22 0.00
HOWARD_WT_PWR 323690	14.94 -1.02 0.00	18.04 -0.26 0.00	23.51 0.00 0.00	21.80 0.22 0.00	23.41 0.32 0.00	26.60 0.30 0.00	32.68 0.70 0.00	35.10 0.10 0.00	35.37 0.09 0.00	32.81 -0.12 0.00	35.46 -0.29 0.00	35.50 -0.33 0.00	39.44 -0.25 0.00	44.74 -0.02 0.00	43.55 0.10 0.00	38.33 0.12 0.00	40.93 0.37 0.00	43.40 0.00 0.00	40.15 -0.07 0.00	37.58 -0.64 0.00	35.56 -0.86 0.00	30.23 -1.01 0.00	35.22 -1.79 0.00	28.62 -1.61 0.00

HQ_GEN_CEDARS 23644	14.65 -1.30 0.00	16.69 -1.61 0.00	21.34 -2.16 0.00	19.65 -1.93 0.00	21.13 -1.96 0.00	24.73 -1.58 0.00	30.59 -1.39 0.00	33.66 -1.34 0.00	35.83 0.55 0.00	34.01 1.07 0.00	36.62 0.88 0.00	36.70 0.86 0.00	41.03 1.34 0.00	45.97 1.20 0.00	44.49 1.03 0.00	38.43 0.22 0.00	40.63 0.07 0.00	42.94 -0.46 0.00	39.51 -0.71 0.00	37.90 -0.33 0.00	36.44 0.01 0.00	31.31 0.06 0.00	37.25 0.24 0.00	29.99 -0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	14.65 -1.31 0.00	16.69 -1.61 0.00	21.34 -2.16 0.00	19.65 -1.93 0.00	21.13 -1.96 0.00	24.72 -1.58 0.00	30.59 -1.39 0.00	33.66 -1.34 0.00	35.83 0.55 0.00	34.01 1.07 0.00	36.62 0.87 0.00	36.70 0.86 0.00	41.03 1.34 0.00	45.96 1.20 0.00	44.48 1.03 0.00	38.43 0.22 0.00	40.63 0.07 0.00	42.94 -0.46 0.00	39.51 -0.71 0.00	37.90 -0.33 0.00	36.44 0.01 0.00	31.31 0.06 0.00	37.56 0.24 -0.31	29.80 -0.24 0.18
HQ_GEN_IMPORT 323601	15.96 0.00 0.00	18.30 0.00 0.00	23.51 0.00 0.00	21.73 0.00 -0.14	24.09 0.00 -0.99	26.06 0.00 0.24	31.29 0.00 0.69	35.00 0.00 0.00	35.28 0.00 0.00	32.94 0.00 0.00	35.75 0.00 0.00	35.84 0.00 0.00	39.69 0.00 0.00	44.76 0.00 0.00	42.76 0.00 0.70	38.21 0.00 0.00	40.56 0.00 0.00	43.40 0.00 0.00	40.22 0.00 0.00	38.23 0.00 0.00	36.43 0.00 0.00	31.25 0.00 0.00	37.15 0.00 -0.13	27.87 0.00 2.35
HQ_GEN_WHEEL 23651	15.96 0.00 0.00	18.30 0.00 0.00	23.51 0.00 0.00	21.73 0.00 -0.14	24.09 0.00 -0.99	26.06 0.00 0.24	31.29 0.00 0.69	35.00 0.00 0.00	35.28 0.00 0.00	32.94 0.00 0.00	35.75 0.00 0.00	35.84 0.00 0.00	39.69 0.00 0.00	44.76 0.00 0.00	42.76 0.00 0.70	38.21 0.00 0.00	40.56 0.00 0.00	43.40 0.00 0.00	40.22 0.00 0.00	38.23 0.00 0.00	36.43 0.00 0.00	31.25 0.00 0.00	37.15 0.00 -0.13	27.87 0.00 2.35
HUDSON_AVE_GT_3 23810	17.13 1.17 0.00	19.52 1.21 0.00	24.87 1.36 0.00	22.81 1.23 0.00	24.54 1.44 0.00	28.08 1.78 0.00	34.17 2.20 0.00	37.59 2.59 0.00	37.61 2.33 0.00	35.10 2.17 0.00	38.19 2.45 0.00	38.40 2.56 0.00	42.36 2.67 0.00	47.81 3.05 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.22 3.00 0.00	41.06 2.83 0.00	39.10 2.68 0.00	33.48 2.23 0.00	39.65 2.63 0.00	32.17 1.94 0.00
HUDSON_AVE_GT_4 23540	17.13 1.17 0.00	19.52 1.21 0.00	24.87 1.36 0.00	22.81 1.23 0.00	24.54 1.44 0.00	28.08 1.78 0.00	34.17 2.20 0.00	37.59 2.59 0.00	37.61 2.33 0.00	35.10 2.17 0.00	38.19 2.45 0.00	38.40 2.56 0.00	42.36 2.67 0.00	47.81 3.05 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.22 3.00 0.00	41.06 2.83 0.00	39.10 2.68 0.00	33.48 2.23 0.00	39.65 2.63 0.00	32.17 1.94 0.00
HUDSON_AVE_GT_5 23657	17.13 1.17 0.00	19.52 1.21 0.00	24.87 1.36 0.00	22.81 1.23 0.00	24.54 1.44 0.00	28.08 1.78 0.00	34.17 2.20 0.00	37.59 2.59 0.00	37.61 2.33 0.00	35.10 2.17 0.00	38.19 2.45 0.00	38.40 2.56 0.00	42.36 2.67 0.00	47.81 3.05 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.60 3.19 0.00	43.22 3.00 0.00	41.06 2.83 0.00	39.10 2.68 0.00	33.48 2.23 0.00	39.65 2.63 0.00	32.17 1.94 0.00
HUDSON_AVE_10 24168	17.05 1.10 0.00	19.44 1.14 0.00	24.77 1.26 0.00	22.73 1.15 0.00	24.45 1.35 0.00	27.98 1.68 0.00	34.05 2.08 0.00	37.44 2.44 0.00	37.46 2.18 0.00	34.95 2.01 0.00	38.02 2.28 0.00	38.23 2.39 0.00	42.15 2.46 0.00	47.59 2.83 0.00	46.32 2.87 0.00	40.77 2.56 0.00	43.22 2.67 0.00	46.38 2.98 0.00	43.02 2.80 0.00	40.87 2.64 0.00	38.91 2.49 0.00	33.34 2.09 0.00	39.48 2.46 0.00	32.03 1.80 0.00
HUDSON___115KV_TB 4 355613	16.47 0.52 0.00	18.91 0.61 0.00	24.36 0.85 0.00	22.36 0.78 0.00	23.85 0.76 0.00	27.24 0.94 0.00	33.19 1.21 0.00	36.50 1.50 0.00	36.73 1.45 0.00	34.24 1.30 0.00	37.18 1.43 0.00	37.26 1.42 0.00	41.25 1.56 0.00	46.54 1.78 0.00	45.16 1.71 0.00	39.77 1.56 0.00	42.28 1.73 0.00	45.36 1.95 0.00	42.00 1.78 0.00	39.90 1.67 0.00	37.97 1.55 0.00	32.56 1.31 0.00	38.44 1.42 0.00	31.27 1.04 0.00
HUNTER MOUNT___DRP 323613	16.48 0.52 0.00	18.93 0.63 0.00	24.42 0.91 0.00	22.42 0.84 0.00	23.89 0.80 0.00	27.29 0.99 0.00	33.27 1.29 0.00	36.62 1.61 0.00	36.90 1.62 0.00	34.38 1.45 0.00	37.31 1.56 0.00	37.38 1.54 0.00	41.41 1.72 0.00	46.73 1.97 0.00	45.34 1.89 0.00	39.95 1.74 0.00	42.48 1.92 0.00	45.56 2.16 0.00	42.19 1.97 0.00	40.07 1.85 0.00	38.11 1.68 0.00	32.68 1.43 0.00	38.55 1.54 0.00	31.36 1.14 0.00
HUNTINGTON_RES_REC 323705	21.11 1.39 -3.76	19.78 1.47 0.00	25.13 1.63 0.00	22.85 1.27 0.00	24.84 1.75 0.00	28.26 1.96 0.00	34.24 2.26 0.00	37.27 2.26 0.00	37.08 1.79 0.00	34.65 1.71 0.00	38.08 2.33 0.00	38.75 2.74 -0.17	41.92 2.23 0.00	47.13 2.37 0.00	45.80 2.34 0.00	40.59 2.39 0.00	43.02 2.47 0.01	44.39 2.75 1.77	44.71 2.81 -1.68	40.87 2.65 0.01	38.82 2.39 0.01	33.08 1.84 0.01	39.13 2.12 0.00	32.06 1.84 0.00
HUNTLEY___63 23557	15.38 -0.58 0.00	17.85 -0.46 0.00	22.72 -0.79 0.00	20.96 -0.62 0.00	22.62 -0.47 0.00	25.84 -0.46 0.00	31.17 -0.80 0.00	33.27 -1.73 0.00	33.69 -1.60 0.00	31.66 -1.28 0.00	34.10 -1.65 0.00	33.90 -1.93 0.00	37.90 -1.79 0.00	42.75 -2.01 0.00	41.28 -2.17 0.00	36.40 -1.81 0.00	38.86 -1.70 0.00	41.10 -2.30 0.00	38.19 -2.03 0.00	36.14 -2.09 0.00	34.46 -1.96 0.00	29.66 -1.58 0.00	35.44 -1.58 0.00	28.94 -1.29 0.00
HUNTLEY___64 23558	15.38 -0.58 0.00	17.85 -0.46 0.00	22.72 -0.79 0.00	20.96 -0.62 0.00	22.62 -0.47 0.00	25.84 -0.46 0.00	31.17 -0.80 0.00	33.27 -1.73 0.00	33.69 -1.60 0.00	31.66 -1.28 0.00	34.10 -1.65 0.00	33.90 -1.93 0.00	37.90 -1.79 0.00	42.75 -2.01 0.00	41.28 -2.17 0.00	36.40 -1.81 0.00	38.86 -1.70 0.00	41.10 -2.30 0.00	38.19 -2.03 0.00	36.14 -2.09 0.00	34.46 -1.96 0.00	29.66 -1.58 0.00	35.44 -1.58 0.00	28.94 -1.29 0.00
HUNTLEY___65 23559	15.38 -0.58 0.00	17.85 -0.46 0.00	22.72 -0.79 0.00	20.96 -0.62 0.00	22.62 -0.47 0.00	25.84 -0.46 0.00	31.17 -0.80 0.00	33.27 -1.73 0.00	33.69 -1.60 0.00	31.66 -1.28 0.00	34.10 -1.65 0.00	33.90 -1.93 0.00	37.90 -1.79 0.00	42.75 -2.01 0.00	41.28 -2.17 0.00	36.40 -1.81 0.00	38.86 -1.70 0.00	41.10 -2.30 0.00	38.19 -2.03 0.00	36.14 -2.09 0.00	34.46 -1.96 0.00	29.66 -1.58 0.00	35.44 -1.58 0.00	28.94 -1.29 0.00
HUNTLEY___66 23560	15.38 -0.58 0.00	17.85 -0.46 0.00	22.72 -0.79 0.00	20.96 -0.62 0.00	22.62 -0.47 0.00	25.84 -0.46 0.00	31.17 -0.80 0.00	33.27 -1.73 0.00	33.69 -1.60 0.00	31.66 -1.28 0.00	34.10 -1.65 0.00	33.90 -1.93 0.00	37.90 -1.79 0.00	42.75 -2.01 0.00	41.28 -2.17 0.00	36.40 -1.81 0.00	38.86 -1.70 0.00	41.10 -2.30 0.00	38.19 -2.03 0.00	36.14 -2.09 0.00	34.46 -1.96 0.00	29.66 -1.58 0.00	35.44 -1.58 0.00	28.94 -1.29 0.00

HUNTLEY___67 23561	15.29 -0.67 0.00	17.75 -0.55 0.00	22.61 -0.90 0.00	20.86 -0.73 0.00	22.51 -0.58 0.00	25.68 -0.62 0.00	31.01 -0.97 0.00	33.14 -1.86 0.00	33.59 -1.69 0.00	31.57 -1.36 0.00	34.04 -1.71 0.00	33.88 -1.96 0.00	37.87 -1.83 0.00	42.66 -2.10 0.00	41.24 -2.21 0.00	36.33 -1.88 0.00	38.82 -1.74 0.00	41.06 -2.34 0.00	38.13 -2.09 0.00	36.01 -2.21 0.00	34.28 -2.14 0.00	29.52 -1.73 0.00	35.21 -1.80 0.00	28.76 -1.47 0.00
HUNTLEY___68 23562	15.29 -0.67 0.00	17.75 -0.55 0.00	22.61 -0.90 0.00	20.86 -0.73 0.00	22.51 -0.58 0.00	25.68 -0.62 0.00	31.01 -0.97 0.00	33.14 -1.86 0.00	33.59 -1.69 0.00	31.57 -1.36 0.00	34.04 -1.71 0.00	33.88 -1.96 0.00	37.87 -1.83 0.00	42.66 -2.10 0.00	41.24 -2.21 0.00	36.33 -1.88 0.00	38.82 -1.74 0.00	41.06 -2.34 0.00	38.13 -2.09 0.00	36.01 -2.21 0.00	34.28 -2.14 0.00	29.52 -1.73 0.00	35.21 -1.80 0.00	28.76 -1.47 0.00
HYLAND___LFGE 323620	15.96 0.00 0.00	18.64 0.34 0.00	23.97 0.47 0.00	22.16 0.57 0.00	23.87 0.77 0.00	27.26 0.96 0.00	33.37 1.40 0.00	35.53 0.52 0.00	34.49 -0.79 0.00	30.66 -2.25 0.02	32.87 -2.42 0.46	33.51 -2.33 0.00	37.06 -2.63 0.00	45.29 0.74 0.21	43.87 0.74 0.33	38.88 0.80 0.13	41.84 1.36 0.07	44.78 1.40 0.02	41.60 1.38 0.00	39.32 1.09 0.00	37.26 0.84 0.00	31.81 0.56 0.00	37.45 0.43 0.00	30.43 0.20 0.00
INDECK___CORINTH 23802	17.03 1.07 0.00	19.52 1.22 0.00	25.03 1.53 0.00	22.99 1.40 0.00	24.66 1.56 0.00	28.34 2.04 0.00	34.57 2.59 0.00	37.92 2.91 0.00	38.24 2.95 0.00	35.65 2.72 0.00	38.67 2.92 0.00	38.66 2.82 0.00	42.80 3.11 0.00	48.07 3.31 0.00	46.70 3.25 0.00	41.12 2.91 0.00	43.56 3.00 0.00	46.76 3.35 0.00	43.26 3.04 0.00	41.17 2.94 0.00	39.19 2.77 0.00	33.64 2.39 0.00	39.75 2.74 0.00	32.24 2.02 0.00
INDECK___ILION 23567	16.10 0.14 0.00	18.42 0.11 0.00	23.69 0.19 0.00	21.79 0.21 0.00	23.32 0.22 0.00	26.55 0.25 0.00	32.43 0.46 0.00	35.58 0.58 0.00	35.83 0.55 0.00	33.42 0.48 0.00	36.26 0.52 0.00	36.39 0.55 0.00	40.26 0.57 0.00	45.42 0.66 0.00	44.14 0.69 0.00	38.79 0.58 0.00	41.18 0.63 0.00	44.15 0.75 0.00	40.90 0.69 0.00	38.88 0.65 0.00	37.01 0.58 0.00	31.73 0.48 0.00	37.53 0.52 0.00	30.52 0.29 0.00
INDECK___OLEAN 23982	16.36 0.40 0.00	19.00 0.70 0.00	24.16 0.65 0.00	22.42 0.83 0.00	24.21 1.12 0.00	27.25 0.95 0.00	33.01 1.03 0.00	35.32 0.32 0.00	35.60 0.32 0.00	33.11 0.40 0.22	31.94 0.63 4.44	36.39 0.55 0.00	40.68 0.99 0.00	43.83 1.15 2.08	41.08 0.81 3.18	37.46 0.47 1.22	40.62 0.78 0.72	43.60 0.38 0.19	40.76 0.54 0.00	38.35 0.13 0.00	36.55 0.13 0.00	31.49 0.25 0.00	37.63 0.61 0.00	30.45 0.22 0.00
INDECK___OSWEGO 23783	15.67 -0.29 0.00	17.99 -0.31 0.00	23.10 -0.41 0.00	21.22 -0.36 0.00	22.71 -0.39 0.00	25.80 -0.51 0.00	31.32 -0.66 0.00	34.23 -0.77 0.00	34.48 -0.80 0.00	32.18 -0.75 0.00	34.92 -0.82 0.00	35.00 -0.84 0.00	38.79 -0.90 0.00	43.75 -1.01 0.00	42.47 -0.98 0.00	37.36 -0.85 0.00	39.71 -0.85 0.00	42.48 -0.92 0.00	39.39 -0.82 0.00	37.40 -0.82 0.00	35.62 -0.81 0.00	30.55 -0.70 0.00	36.19 -0.82 0.00	29.66 -0.56 0.00
INDECK___YERKES 23781	15.40 -0.56 0.00	17.86 -0.44 0.00	22.74 -0.76 0.00	20.99 -0.60 0.00	22.66 -0.44 0.00	25.86 -0.44 0.00	31.20 -0.78 0.00	33.29 -1.72 0.00	33.68 -1.60 0.00	31.50 -1.28 0.15	31.21 -1.63 2.90	33.89 -1.95 0.00	37.89 -1.80 0.00	41.37 -2.04 1.36	39.21 -2.16 2.08	35.60 -1.81 0.80	38.38 -1.71 0.47	40.97 -2.31 0.12	38.17 -2.05 0.00	36.15 -2.07 0.00	34.49 -1.94 0.00	29.67 -1.58 0.00	35.48 -1.54 0.00	28.96 -1.27 0.00
INDIAN POINT_GT_1 24139	16.94 0.99 0.00	19.33 1.02 0.00	24.63 1.13 0.00	22.62 1.03 0.00	24.33 1.23 0.00	27.83 1.53 0.00	33.91 1.93 0.00	37.25 2.25 0.00	37.25 1.97 0.00	34.72 1.79 0.00	37.78 2.04 0.00	37.97 2.13 0.00	41.88 2.19 0.00	47.27 2.51 0.00	45.97 2.52 0.00	40.47 2.26 0.00	42.97 2.42 0.00	46.15 2.74 0.00	42.82 2.60 0.00	40.66 2.43 0.00	38.73 2.30 0.00	33.18 1.94 0.00	39.29 2.27 0.00	31.88 1.65 0.00
INDIAN POINT_GT_2 23659	16.94 0.99 0.00	19.33 1.02 0.00	24.63 1.13 0.00	22.62 1.03 0.00	24.33 1.23 0.00	27.83 1.53 0.00	33.91 1.93 0.00	37.25 2.25 0.00	37.25 1.97 0.00	34.72 1.79 0.00	37.78 2.04 0.00	37.97 2.13 0.00	41.88 2.19 0.00	47.27 2.51 0.00	45.97 2.52 0.00	40.47 2.26 0.00	42.97 2.42 0.00	46.15 2.74 0.00	42.82 2.60 0.00	40.66 2.43 0.00	38.73 2.30 0.00	33.18 1.94 0.00	39.29 2.27 0.00	31.88 1.65 0.00
INDIAN POINT_GT_3 24019	16.94 0.99 0.00	19.33 1.02 0.00	24.63 1.13 0.00	22.62 1.03 0.00	24.33 1.23 0.00	27.83 1.53 0.00	33.91 1.93 0.00	37.25 2.25 0.00	37.25 1.97 0.00	34.72 1.79 0.00	37.78 2.04 0.00	37.97 2.13 0.00	41.88 2.19 0.00	47.27 2.51 0.00	45.97 2.52 0.00	40.47 2.26 0.00	42.97 2.42 0.00	46.15 2.74 0.00	42.82 2.60 0.00	40.66 2.43 0.00	38.73 2.30 0.00	33.18 1.94 0.00	39.29 2.27 0.00	31.88 1.65 0.00
INDIAN POINT___2 23530	16.94 0.98 0.00	19.33 1.02 0.00	24.63 1.13 0.00	22.62 1.03 0.00	24.32 1.23 0.00	27.82 1.52 0.00	33.90 1.93 0.00	37.25 2.25 0.00	37.23 1.95 0.00	34.69 1.75 0.00	37.74 1.99 0.00	37.93 2.10 0.00	41.83 2.14 0.00	47.23 2.47 0.00	45.92 2.48 0.00	40.43 2.22 0.00	42.94 2.39 0.00	46.12 2.72 0.00	42.79 2.57 0.00	40.64 2.41 0.00	38.71 2.28 0.00	33.17 1.92 0.00	39.28 2.26 0.00	31.87 1.64 0.00
INDIAN POINT___3 23531	16.93 0.97 0.00	19.31 1.01 0.00	24.62 1.11 0.00	22.60 1.02 0.00	24.31 1.22 0.00	27.82 1.52 0.00	33.89 1.91 0.00	37.23 2.23 0.00	37.22 1.94 0.00	34.69 1.76 0.00	37.75 2.01 0.00	37.94 2.10 0.00	41.84 2.15 0.00	47.23 2.47 0.00	45.93 2.48 0.00	40.43 2.23 0.00	42.93 2.38 0.00	46.11 2.70 0.00	42.78 2.56 0.00	40.61 2.39 0.00	38.69 2.27 0.00	33.16 1.91 0.00	39.27 2.26 0.00	31.86 1.64 0.00
INGHAM_C_115KV_TB7 356103	16.24 0.28 0.00	18.53 0.22 0.00	23.88 0.37 0.00	22.03 0.45 0.00	23.55 0.46 0.00	26.77 0.47 0.00	32.84 0.86 0.00	36.12 1.11 0.00	36.22 0.94 0.00	33.71 0.77 0.00	36.59 0.84 0.00	36.74 0.90 0.00	40.60 0.91 0.00	45.84 1.08 0.00	44.61 1.16 0.00	39.19 0.99 0.00	41.59 1.04 0.00	44.71 1.31 0.00	41.42 1.20 0.00	39.35 1.12 0.00	37.43 1.00 0.00	32.06 0.81 0.00	37.87 0.85 0.00	30.66 0.44 0.00
IP CORINTH___1 23988	17.03 1.07 0.00	19.52 1.22 0.00	25.04 1.53 0.00	22.99 1.40 0.00	24.66 1.56 0.00	28.34 2.04 0.00	34.57 2.59 0.00	37.92 2.91 0.00	38.24 2.95 0.00	35.66 2.72 0.00	38.67 2.93 0.00	38.66 2.82 0.00	42.79 3.10 0.00	48.07 3.30 0.00	46.70 3.25 0.00	41.12 2.91 0.00	43.56 3.00 0.00	46.75 3.35 0.00	43.26 3.04 0.00	41.17 2.94 0.00	39.19 2.77 0.00	33.64 2.39 0.00	39.75 2.74 0.00	32.24 2.02 0.00

IP__TICONDEROGA 23804	17.58 1.62 0.00	20.16 1.86 0.00	25.78 2.27 0.00	23.67 2.09 0.00	25.52 2.43 0.00	29.81 3.51 0.00	36.41 4.43 0.00	39.82 4.82 0.00	40.38 5.09 0.00	37.55 4.61 0.00	40.60 4.85 0.00	40.53 4.69 0.00	44.74 5.05 0.00	49.88 5.12 0.00	48.64 5.19 0.00	42.97 4.76 0.00	45.10 4.55 0.00	48.71 5.31 0.00	44.93 4.71 0.00	42.93 4.71 0.00	40.89 4.46 0.00	35.12 3.87 0.00	41.36 4.35 0.00	33.45 3.22 0.00
ISLIP_RES_REC 323679	21.26 1.54 -3.76	19.96 1.66 0.00	25.34 1.84 0.00	22.99 1.40 0.00	25.06 1.97 0.00	28.50 2.20 0.00	34.66 2.68 0.00	37.75 2.75 0.00	37.42 2.14 0.00	41.56 2.05 -6.58	40.93 2.69 -2.49	39.26 3.25 -0.17	42.44 2.75 0.00	47.75 2.99 0.00	46.41 2.96 0.00	41.18 2.97 0.00	43.65 3.10 0.01	45.09 3.41 1.73	45.38 3.41 -1.74	41.45 3.23 0.01	39.36 2.94 0.01	33.46 2.22 0.01	39.56 2.54 0.00	32.40 2.18 0.00
JAMAICA__27_KV_LOAD 355505	17.13 1.17 0.00	19.53 1.23 0.00	24.89 1.39 0.00	22.86 1.27 0.00	24.58 1.48 0.00	28.15 1.85 0.00	34.22 2.24 0.00	37.58 2.58 0.00	37.61 2.33 0.00	35.06 2.13 0.00	38.17 2.42 0.00	38.37 2.53 0.00	42.29 2.60 0.00	47.76 3.00 0.00	46.51 3.06 0.00	40.92 2.71 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.22 3.00 0.00	41.04 2.81 0.00	39.05 2.63 0.00	33.50 2.25 0.00	39.66 2.64 0.00	32.17 1.94 0.00
JANIS__SOLAR 323808	16.51 0.55 0.00	18.95 0.65 0.00	24.29 0.78 0.00	22.41 0.83 0.00	24.14 1.04 0.00	27.62 1.32 0.00	33.88 1.91 0.00	37.03 2.02 0.00	37.28 1.99 0.00	34.78 1.81 -0.04	38.36 1.85 -0.76	37.64 1.80 0.00	41.89 2.20 0.00	47.64 2.52 -0.35	46.42 2.43 -0.54	40.62 2.20 -0.21	43.23 2.55 -0.12	46.17 2.74 -0.03	42.83 2.61 0.00	40.59 2.36 0.00	38.55 2.12 0.00	32.94 1.69 0.00	38.88 1.86 0.00	31.51 1.29 0.00
JARVIS____ 23743	15.98 0.02 0.00	18.31 0.01 0.00	23.53 0.02 0.00	21.60 0.02 0.00	23.12 0.03 0.00	26.36 0.05 0.00	32.07 0.10 0.00	35.15 0.14 0.00	35.46 0.17 0.00	33.11 0.18 0.00	35.93 0.18 0.00	36.02 0.19 0.00	39.89 0.20 0.00	44.99 0.23 0.00	43.67 0.22 0.00	38.40 0.19 0.00	40.74 0.19 0.00	43.60 0.20 0.00	40.39 0.17 0.00	38.41 0.18 0.00	36.61 0.18 0.00	31.40 0.15 0.00	37.18 0.17 0.00	30.32 0.10 0.00
JENNISON__1 23625	16.42 0.47 0.00	18.82 0.52 0.00	24.01 0.50 0.00	22.35 0.76 0.00	24.20 1.10 0.00	27.73 1.43 0.00	33.89 1.92 0.00	37.05 2.05 0.00	37.38 2.09 0.00	34.97 2.04 0.00	37.95 2.21 0.00	38.08 2.25 0.00	42.23 2.54 0.00	47.63 2.87 0.00	46.09 2.63 0.00	40.52 2.31 0.00	43.09 2.54 0.00	46.09 2.68 0.00	42.74 2.52 0.00	40.58 2.36 0.00	38.52 2.10 0.00	32.93 1.68 0.00	38.91 1.89 0.00	31.29 1.07 0.00
JENNISON__2 23626	16.42 0.47 0.00	18.82 0.52 0.00	24.01 0.50 0.00	22.35 0.76 0.00	24.20 1.10 0.00	27.73 1.43 0.00	33.89 1.92 0.00	37.05 2.05 0.00	37.38 2.09 0.00	34.97 2.04 0.00	37.95 2.21 0.00	38.08 2.25 0.00	42.23 2.54 0.00	47.63 2.87 0.00	46.09 2.63 0.00	40.52 2.31 0.00	43.09 2.54 0.00	46.09 2.68 0.00	42.74 2.52 0.00	40.58 2.36 0.00	38.52 2.10 0.00	32.93 1.68 0.00	38.91 1.89 0.00	31.29 1.07 0.00
JERICHO_RISE_WT_PWR 323719	14.37 -1.59 0.00	16.35 -1.95 0.00	20.89 -2.62 0.00	19.31 -2.27 0.00	20.85 -2.24 0.00	24.51 -1.79 0.00	30.26 -1.72 0.00	33.32 -1.69 0.00	35.58 0.30 0.00	33.79 0.85 0.00	36.41 0.66 0.00	36.50 0.67 0.00	40.76 1.07 0.00	45.65 0.89 0.00	44.26 0.81 0.00	38.19 -0.02 0.00	40.04 -0.51 0.00	42.16 -1.24 0.00	38.70 -1.52 0.00	37.27 -0.96 0.00	35.90 -0.53 0.00	30.87 -0.38 0.00	36.79 -0.23 0.00	29.61 -0.62 0.00
KATONAH__115KV_46KV_TB4 355592	17.01 1.06 0.00	19.41 1.11 0.00	24.76 1.25 0.00	22.73 1.15 0.00	24.44 1.34 0.00	27.97 1.67 0.00	34.08 2.10 0.00	37.46 2.46 0.00	37.52 2.23 0.00	34.99 2.06 0.00	38.08 2.34 0.00	38.27 2.44 0.00	42.21 2.52 0.00	47.63 2.88 0.00	46.31 2.86 0.00	40.79 2.59 0.00	43.29 2.73 0.00	46.50 3.10 0.00	43.11 2.90 0.00	40.96 2.73 0.00	38.99 2.57 0.00	33.39 2.14 0.00	39.53 2.52 0.00	32.07 1.84 0.00
KCE_NY_1 323755	16.86 0.91 0.00	19.33 1.03 0.00	24.79 1.29 0.00	22.77 1.19 0.00	24.40 1.30 0.00	27.92 1.61 0.00	34.04 2.06 0.00	37.31 2.31 0.00	37.54 2.26 0.00	35.05 2.11 0.00	37.99 2.24 0.00	38.07 2.23 0.00	42.17 2.48 0.00	47.48 2.72 0.00	46.09 2.64 0.00	40.55 2.35 0.00	43.05 2.50 0.00	46.15 2.74 0.00	42.73 2.51 0.00	40.69 2.46 0.00	38.71 2.29 0.00	33.18 1.93 0.00	39.24 2.22 0.00	31.90 1.68 0.00
KCE_NY_6_ESR 323823	15.54 -0.42 0.00	18.06 -0.25 0.00	23.01 -0.49 0.00	21.23 -0.35 0.00	22.95 -0.15 0.00	26.13 -0.16 0.00	31.64 -0.34 0.00	33.86 -1.15 0.00	34.30 -0.98 0.00	32.06 -0.72 0.16	31.60 -0.95 3.20	34.65 -1.19 0.00	38.70 -0.99 0.00	42.13 -1.13 1.50	39.93 -1.23 2.29	36.31 -1.02 0.88	39.27 -0.77 0.52	41.93 -1.34 0.14	39.06 -1.16 0.00	36.83 -1.40 0.00	35.05 -1.37 0.00	30.13 -1.11 0.00	35.90 -1.12 0.00	29.24 -0.99 0.00
KEDC_PORT_JEFF_GT2 24210	21.17 1.46 -3.75	19.87 1.56 0.00	25.23 1.72 0.00	22.88 1.30 0.00	24.93 1.84 0.00	28.35 2.04 0.00	34.45 2.47 0.00	37.51 2.51 0.00	37.19 1.91 0.00	34.74 1.80 0.00	38.18 2.42 0.00	38.96 2.96 -0.16	42.14 2.45 0.00	47.41 2.64 0.00	46.07 2.63 0.00	40.87 2.67 0.00	43.31 2.76 0.01	44.68 3.06 1.79	44.95 3.10 -1.63	41.18 2.95 0.01	39.10 2.68 0.01	33.26 2.01 0.01	39.32 2.31 0.00	32.22 2.00 0.00
KEDC_PORT_JEFF_GT3 24211	21.17 1.46 -3.75	19.87 1.56 0.00	25.23 1.72 0.00	22.88 1.30 0.00	24.93 1.84 0.00	28.35 2.04 0.00	34.45 2.47 0.00	37.51 2.51 0.00	37.19 1.91 0.00	34.74 1.80 0.00	38.18 2.42 0.00	38.96 2.96 -0.16	42.14 2.45 0.00	47.41 2.64 0.00	46.07 2.63 0.00	40.87 2.67 0.00	43.31 2.76 0.01	44.68 3.06 1.79	44.95 3.10 -1.63	41.18 2.95 0.01	39.10 2.68 0.01	33.26 2.01 0.01	39.32 2.31 0.00	32.22 2.00 0.00
KEDC_GLWD_GT4 24219	22.09 1.30 -4.83	19.68 1.37 0.00	25.05 1.54 0.00	22.93 1.35 0.00	24.73 1.64 0.00	28.25 1.95 0.00	34.33 2.35 0.00	37.63 2.62 0.00	37.62 2.34 0.00	35.15 2.21 0.00	38.39 2.61 -0.04	39.14 2.76 -0.54	42.36 2.67 0.00	47.76 3.00 0.00	46.45 3.00 0.00	40.97 2.76 0.00	43.47 2.91 0.00	47.88 3.24 -1.23	51.36 3.14 -8.00	41.18 2.95 0.00	39.15 2.72 0.00	33.51 2.26 0.00	39.64 2.62 0.00	32.24 2.01 0.00
KEDC_GLWD_GT5 24220	22.09 1.30 -4.83	19.68 1.37 0.00	25.05 1.54 0.00	22.93 1.35 0.00	24.73 1.64 0.00	28.25 1.95 0.00	34.33 2.35 0.00	37.63 2.62 0.00	37.62 2.34 0.00	35.15 2.21 0.00	38.39 2.61 -0.04	39.14 2.76 -0.54	42.36 2.67 0.00	47.76 3.00 0.00	46.45 3.00 0.00	40.97 2.76 0.00	43.47 2.91 0.00	47.88 3.24 -1.23	51.36 3.14 -8.00	41.18 2.95 0.00	39.15 2.72 0.00	33.51 2.26 0.00	39.64 2.62 0.00	32.24 2.01 0.00

KENSICO____ 23655	16.99 1.03 0.00	19.39 1.09 0.00	24.72 1.22 0.00	22.69 1.10 0.00	24.39 1.29 0.00	27.90 1.60 0.00	33.98 2.00 0.00	37.33 2.33 0.00	37.36 2.07 0.00	34.84 1.90 0.00	37.91 2.16 0.00	38.10 2.26 0.00	42.01 2.32 0.00	47.42 2.65 0.00	46.12 2.67 0.00	40.60 2.40 0.00	43.09 2.54 0.00	46.26 2.86 0.00	42.91 2.69 0.00	40.75 2.53 0.00	38.81 2.38 0.00	33.25 2.00 0.00	39.38 2.36 0.00	31.96 1.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	16.94 0.98 0.00	19.32 1.02 0.00	24.67 1.16 0.00	22.65 1.07 0.00	24.34 1.24 0.00	27.82 1.52 0.00	33.98 2.00 0.00	37.36 2.36 0.00	37.44 2.16 0.00	35.07 2.14 0.00	38.16 2.42 0.00	38.28 2.44 0.00	42.06 2.37 0.00	47.53 2.77 0.00	46.20 2.75 0.00	40.68 2.48 0.00	43.25 2.70 0.00	46.45 3.05 0.00	43.08 2.86 0.00	40.89 2.66 0.00	38.91 2.49 0.00	33.33 2.08 0.00	39.43 2.41 0.00	31.98 1.75 0.00
KIAC_JFK_GT1 23816	17.03 1.08 0.00	19.44 1.13 0.00	24.77 1.26 0.00	22.73 1.15 0.00	24.45 1.35 0.00	27.98 1.68 0.00	33.98 2.00 0.00	37.23 2.23 0.00	37.23 1.95 0.00	34.73 1.80 0.00	37.78 2.04 0.00	37.99 2.16 0.00	41.88 2.19 0.00	47.28 2.52 0.00	46.05 2.59 0.00	40.51 2.31 0.00	42.98 2.42 0.00	46.12 2.72 0.00	42.78 2.56 0.00	40.62 2.40 0.00	38.67 2.24 0.00	33.28 2.03 0.00	39.42 2.41 0.00	31.98 1.76 0.00
KIAC_JFK_GT2 23817	17.03 1.08 0.00	19.44 1.13 0.00	24.77 1.26 0.00	22.73 1.15 0.00	24.45 1.35 0.00	27.98 1.68 0.00	33.98 2.00 0.00	37.23 2.23 0.00	37.23 1.95 0.00	34.73 1.80 0.00	37.78 2.04 0.00	37.99 2.16 0.00	41.88 2.19 0.00	47.28 2.52 0.00	46.05 2.59 0.00	40.51 2.31 0.00	42.98 2.42 0.00	46.12 2.72 0.00	42.78 2.56 0.00	40.62 2.40 0.00	38.67 2.24 0.00	33.28 2.03 0.00	39.42 2.41 0.00	31.98 1.76 0.00
KIAC_JFK____ 323774	17.03 1.08 0.00	19.44 1.13 0.00	24.77 1.26 0.00	22.73 1.15 0.00	24.45 1.35 0.00	27.98 1.68 0.00	33.98 2.00 0.00	37.23 2.23 0.00	37.23 1.95 0.00	34.73 1.79 0.00	37.78 2.04 0.00	37.99 2.15 0.00	41.88 2.19 0.00	47.28 2.52 0.00	46.04 2.59 0.00	40.51 2.31 0.00	42.98 2.42 0.00	46.12 2.72 0.00	42.79 2.56 0.00	40.62 2.40 0.00	38.67 2.25 0.00	33.28 2.03 0.00	39.42 2.41 0.00	31.98 1.76 0.00
KINTIGH____ 23543	15.21 -0.75 0.00	17.60 -0.71 0.00	22.43 -1.08 0.00	20.68 -0.90 0.00	22.29 -0.80 0.00	25.41 -0.90 0.00	30.68 -1.30 0.00	32.92 -2.08 0.00	33.31 -1.97 0.00	31.25 -1.69 0.00	33.71 -2.04 0.00	33.61 -2.23 0.00	37.51 -2.18 0.00	42.27 -2.49 0.00	40.91 -2.54 0.00	35.98 -2.23 0.00	38.44 -2.12 0.00	40.76 -2.64 0.00	37.84 -2.38 0.00	35.83 -2.40 0.00	34.12 -2.30 0.00	29.37 -1.87 0.00	35.04 -1.98 0.00	28.64 -1.59 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	14.59 -1.37 0.00	16.59 -1.71 0.00	21.21 -2.29 0.00	19.62 -1.97 0.00	21.19 -1.91 0.00	24.91 -1.39 0.00	30.78 -1.20 0.00	33.89 -1.11 0.00	36.15 0.87 0.00	34.32 1.39 0.00	37.02 1.27 0.00	37.11 1.28 0.00	41.41 1.73 0.00	46.40 1.64 0.00	45.01 1.56 0.00	38.88 0.67 0.00	40.54 -0.01 0.00	42.78 -0.63 0.00	39.40 -0.81 0.00	37.94 -0.29 0.00	36.54 0.11 0.00	31.42 0.17 0.00	37.49 0.47 0.00	30.16 -0.06 0.00
LACHUTE__HYDRO 323717	17.58 1.62 0.00	20.16 1.86 0.00	25.78 2.27 0.00	23.67 2.09 0.00	25.52 2.42 0.00	29.81 3.51 0.00	36.41 4.43 0.00	39.82 4.82 0.00	40.38 5.09 0.00	37.55 4.61 0.00	40.60 4.85 0.00	40.53 4.69 0.00	44.74 5.05 0.00	49.88 5.12 0.00	48.64 5.19 0.00	42.97 4.76 0.00	45.10 4.54 0.00	48.71 5.31 0.00	44.93 4.71 0.00	42.93 4.71 0.00	40.88 4.46 0.00	35.11 3.87 0.00	41.36 4.35 0.00	33.45 3.22 0.00
LAWRNCV_115KV_TB1 80681	14.75 -1.20 0.00	16.83 -1.48 0.00	21.55 -1.95 0.00	19.84 -1.74 0.00	21.33 -1.76 0.00	24.97 -1.33 0.00	30.94 -1.04 0.00	34.07 -0.94 0.00	36.14 0.86 0.00	34.28 1.35 0.00	36.95 1.20 0.00	37.01 1.18 0.00	41.37 1.67 0.00	46.35 1.59 0.00	44.86 1.41 0.00	38.76 0.55 0.00	40.98 0.42 0.00	43.35 -0.06 0.00	39.91 -0.31 0.00	38.25 0.02 0.00	36.75 0.32 0.00	31.57 0.32 0.00	37.52 0.51 0.00	30.19 -0.03 0.00
LEDERLE____ 23769	17.00 1.04 0.00	19.39 1.08 0.00	24.70 1.20 0.00	22.69 1.10 0.00	24.41 1.31 0.00	27.93 1.63 0.00	34.07 2.09 0.00	37.44 2.44 0.00	37.40 2.12 0.00	34.84 1.91 0.00	37.91 2.16 0.00	38.09 2.25 0.00	42.02 2.33 0.00	47.44 2.68 0.00	46.14 2.69 0.00	40.62 2.41 0.00	43.17 2.61 0.00	46.37 2.97 0.00	43.03 2.81 0.00	40.84 2.62 0.00	38.91 2.49 0.00	33.35 2.10 0.00	39.47 2.46 0.00	32.00 1.78 0.00
LIGHTHSE_115KV_TB6 355974	15.73 -0.23 0.00	18.04 -0.26 0.00	23.32 -0.19 0.00	21.39 -0.20 0.00	22.96 -0.13 0.00	26.29 -0.01 0.00	32.11 0.13 0.00	35.21 0.20 0.00	35.66 0.37 0.00	33.32 0.39 0.00	36.14 0.39 0.00	36.22 0.38 0.00	40.17 0.47 0.00	45.26 0.50 0.00	43.91 0.45 0.00	38.51 0.31 0.00	40.94 0.39 0.00	43.73 0.33 0.00	40.64 0.42 0.00	38.57 0.34 0.00	36.73 0.30 0.00	31.52 0.27 0.00	37.19 0.18 0.00	30.34 0.12 0.00
LINDEN COGEN____ 23786	17.07 1.11 0.00	19.45 1.15 0.00	24.77 1.26 0.00	22.74 1.16 0.00	24.45 1.36 0.00	27.98 1.68 0.00	34.07 2.10 0.00	37.47 2.47 0.00	37.46 2.17 0.00	34.93 1.99 0.00	38.00 2.25 0.00	38.21 2.37 0.00	42.15 2.46 0.00	47.59 2.83 0.00	46.32 2.87 0.00	40.76 2.56 0.00	43.23 2.67 0.00	46.40 3.00 0.00	43.05 2.83 0.00	40.90 2.67 0.00	38.95 2.52 0.00	33.36 2.11 0.00	39.53 2.51 0.00	32.09 1.86 0.00
LINDHRST_69_KV_BK1 356055	21.47 1.56 -3.95	19.96 1.65 0.00	25.38 1.87 0.00	23.12 1.54 0.00	25.09 1.99 0.00	28.57 2.27 0.00	34.60 2.62 0.00	37.74 2.73 0.00	37.64 2.35 0.00	35.19 2.25 0.00	38.65 2.89 -0.02	39.31 3.18 -0.28	42.48 2.79 0.00	47.82 3.05 0.00	46.49 3.04 0.00	41.15 2.94 0.00	43.61 3.05 0.00	46.10 3.38 0.68	47.30 3.37 -3.71	41.40 3.18 0.00	39.35 2.93 0.00	33.62 2.38 0.00	39.75 2.73 0.00	32.48 2.25 0.00
LIPA_MISC_IPP 23656	21.08 1.37 -3.75	19.81 1.51 0.00	25.13 1.63 0.00	22.70 1.11 0.00	24.82 1.72 0.00	28.17 1.87 0.00	34.35 2.37 0.00	37.40 2.40 0.00	36.81 1.53 0.00	5.07 1.40 29.27	26.67 1.98 11.06	38.74 2.74 -0.16	41.87 2.18 0.00	47.13 2.37 0.00	45.82 2.37 0.00	40.64 2.44 0.00	43.09 2.54 0.01	44.40 2.82 1.82	44.66 2.87 -1.57	41.02 2.80 0.01	38.93 2.51 0.01	33.03 1.79 0.01	39.11 2.09 0.00	32.03 1.80 0.00
LISF__SOLAR 323691	21.10 1.39 -3.75	19.84 1.54 0.00	25.16 1.65 0.00	22.72 1.14 0.00	24.85 1.75 0.00	28.20 1.90 0.00	34.40 2.42 0.00	37.47 2.47 0.00	36.87 1.59 0.00	-5.21 1.46 39.61	22.83 2.05 14.96	38.83 2.83 -0.16	41.92 2.23 0.00	47.21 2.45 0.00	45.91 2.46 0.00	40.73 2.52 0.00	43.19 2.64 0.01	44.53 2.93 1.81	44.78 2.96 -1.59	41.11 2.89 0.01	39.01 2.59 0.01	33.09 1.84 0.01	39.17 2.16 0.00	32.08 1.86 0.00

LITTLE FALLS___HYD 24013	16.24 0.28 0.00	18.53 0.22 0.00	23.88 0.37 0.00	22.03 0.45 0.00	23.55 0.46 0.00	26.77 0.47 0.00	32.84 0.86 0.00	36.12 1.11 0.00	36.22 0.94 0.00	33.71 0.77 0.00	36.59 0.84 0.00	36.74 0.90 0.00	40.60 0.91 0.00	45.84 1.08 0.00	44.61 1.16 0.00	39.19 0.99 0.00	41.59 1.04 0.00	44.71 1.31 0.00	41.42 1.20 0.00	39.35 1.12 0.00	37.43 1.00 0.00	32.06 0.81 0.00	37.87 0.85 0.00	30.66 0.44 0.00
LITTLRIV_115KV_TB1 356100	14.93 -1.03 0.00	17.04 -1.27 0.00	21.81 -1.70 0.00	20.07 -1.51 0.00	21.58 -1.51 0.00	25.29 -1.01 0.00	31.39 -0.59 0.00	34.58 -0.43 0.00	36.67 1.39 0.00	34.82 1.88 0.00	37.47 1.73 0.00	37.54 1.70 0.00	41.96 2.27 0.00	47.02 2.26 0.00	45.54 2.09 0.00	39.34 1.14 0.00	41.64 1.09 0.00	44.06 0.65 0.00	40.56 0.34 0.00	38.85 0.63 0.00	37.32 0.90 0.00	32.03 0.78 0.00	38.04 1.03 0.00	30.58 0.35 0.00
LI_NEWBRDGE___DRP 323616	20.95 1.36 -3.63	19.74 1.43 0.00	25.11 1.60 0.00	22.92 1.34 0.00	24.83 1.73 0.00	28.28 1.98 0.00	34.21 2.24 0.00	37.35 2.35 0.00	37.29 2.00 0.00	34.85 1.92 0.00	38.13 2.39 0.00	38.55 2.62 -0.09	41.91 2.22 0.00	47.21 2.45 0.00	45.90 2.44 0.00	40.59 2.39 0.00	43.02 2.47 0.01	43.73 2.74 2.41	43.46 2.80 -0.45	40.84 2.62 0.01	38.78 2.36 0.01	33.15 1.91 0.01	39.22 2.20 0.00	32.04 1.81 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.22 -0.74 0.00	17.64 -0.66 0.00	22.48 -1.03 0.00	20.75 -0.84 0.00	22.40 -0.69 0.00	25.59 -0.71 0.00	30.86 -1.12 0.00	32.96 -2.04 0.00	33.40 -1.88 0.00	31.34 -1.59 0.00	33.69 -2.06 0.00	33.51 -2.32 0.00	37.47 -2.22 0.00	42.21 -2.56 0.00	40.83 -2.62 0.00	36.00 -2.21 0.00	38.49 -2.07 0.00	40.69 -2.72 0.00	37.84 -2.38 0.00	35.79 -2.44 0.00	34.08 -2.34 0.00	29.35 -1.89 0.00	35.06 -1.96 0.00	28.66 -1.57 0.00
LOCKPORT___CC1 323769	15.22 -0.74 0.00	17.64 -0.66 0.00	22.48 -1.02 0.00	20.75 -0.83 0.00	22.41 -0.69 0.00	25.59 -0.71 0.00	30.85 -1.13 0.00	32.95 -2.05 0.00	33.38 -1.90 0.00	31.19 -1.62 0.13	31.06 -2.06 2.62	33.48 -2.35 0.00	37.45 -2.25 0.00	40.92 -2.61 1.23	38.92 -2.65 1.88	35.23 -2.26 0.72	38.02 -2.12 0.42	40.51 -2.78 0.11	37.82 -2.40 0.00	35.77 -2.46 0.00	34.06 -2.36 0.00	29.33 -1.92 0.00	35.04 -1.98 0.00	28.64 -1.59 0.00
LOCKPORT___CC2 323770	15.22 -0.74 0.00	17.64 -0.66 0.00	22.48 -1.02 0.00	20.75 -0.83 0.00	22.41 -0.69 0.00	25.59 -0.71 0.00	30.85 -1.13 0.00	32.95 -2.05 0.00	33.38 -1.90 0.00	31.19 -1.62 0.13	31.06 -2.06 2.62	33.48 -2.35 0.00	37.45 -2.25 0.00	40.92 -2.61 1.23	38.92 -2.65 1.88	35.23 -2.26 0.72	38.02 -2.12 0.42	40.51 -2.78 0.11	37.82 -2.40 0.00	35.77 -2.46 0.00	34.06 -2.36 0.00	29.33 -1.92 0.00	35.04 -1.98 0.00	28.64 -1.59 0.00
LOCKPORT___CC3 323771	15.22 -0.74 0.00	17.64 -0.66 0.00	22.48 -1.02 0.00	20.75 -0.83 0.00	22.41 -0.69 0.00	25.59 -0.71 0.00	30.85 -1.13 0.00	32.95 -2.05 0.00	33.38 -1.90 0.00	31.19 -1.62 0.13	31.06 -2.06 2.62	33.48 -2.35 0.00	37.45 -2.25 0.00	40.92 -2.61 1.23	38.92 -2.65 1.88	35.23 -2.26 0.72	38.02 -2.12 0.42	40.51 -2.78 0.11	37.82 -2.40 0.00	35.77 -2.46 0.00	34.06 -2.36 0.00	29.33 -1.92 0.00	35.04 -1.98 0.00	28.64 -1.59 0.00
LONG_LAKE_PHOENIX 24014	15.73 -0.22 0.00	18.07 -0.23 0.00	23.20 -0.31 0.00	21.32 -0.27 0.00	22.81 -0.29 0.00	25.90 -0.40 0.00	31.45 -0.52 0.00	34.37 -0.64 0.00	34.60 -0.68 0.00	32.27 -0.66 0.00	35.02 -0.72 0.00	35.10 -0.74 0.00	38.91 -0.79 0.00	43.89 -0.87 0.00	42.61 -0.84 0.00	37.49 -0.72 0.00	39.87 -0.69 0.00	42.67 -0.74 0.00	39.55 -0.67 0.00	37.55 -0.68 0.00	35.76 -0.66 0.00	30.65 -0.59 0.00	36.31 -0.71 0.00	29.76 -0.47 0.00
LOVETT___3 23632	16.92 0.96 0.00	19.29 0.99 0.00	24.59 1.08 0.00	22.58 1.00 0.00	24.30 1.20 0.00	27.79 1.49 0.00	33.87 1.89 0.00	37.21 2.21 0.00	37.19 1.90 0.00	34.65 1.71 0.00	37.70 1.95 0.00	37.88 2.05 0.00	41.79 2.09 0.00	47.16 2.40 0.00	45.87 2.42 0.00	40.39 2.18 0.00	42.92 2.36 0.00	46.09 2.68 0.00	42.76 2.54 0.00	40.60 2.37 0.00	38.69 2.26 0.00	33.16 1.91 0.00	39.27 2.26 0.00	31.84 1.62 0.00
LOVETT___4 23642	16.92 0.96 0.00	19.29 0.99 0.00	24.59 1.08 0.00	22.58 1.00 0.00	24.30 1.20 0.00	27.79 1.49 0.00	33.87 1.89 0.00	37.21 2.21 0.00	37.19 1.90 0.00	34.65 1.71 0.00	37.70 1.95 0.00	37.88 2.05 0.00	41.79 2.09 0.00	47.16 2.40 0.00	45.87 2.42 0.00	40.39 2.18 0.00	42.92 2.36 0.00	46.09 2.68 0.00	42.76 2.54 0.00	40.60 2.37 0.00	38.69 2.26 0.00	33.16 1.91 0.00	39.27 2.26 0.00	31.84 1.62 0.00
LOVETT___5 23593	16.92 0.96 0.00	19.29 0.99 0.00	24.59 1.08 0.00	22.58 1.00 0.00	24.30 1.20 0.00	27.79 1.49 0.00	33.87 1.89 0.00	37.21 2.21 0.00	37.19 1.90 0.00	34.65 1.71 0.00	37.70 1.95 0.00	37.88 2.05 0.00	41.79 2.09 0.00	47.16 2.40 0.00	45.87 2.42 0.00	40.39 2.18 0.00	42.92 2.36 0.00	46.09 2.68 0.00	42.76 2.54 0.00	40.60 2.37 0.00	38.69 2.26 0.00	33.16 1.91 0.00	39.27 2.26 0.00	31.84 1.62 0.00
LOWER RAQUET___HYD 24057	14.78 -1.18 0.00	16.87 -1.43 0.00	21.62 -1.88 0.00	19.90 -1.69 0.00	21.40 -1.70 0.00	25.06 -1.24 0.00	31.05 -0.93 0.00	34.20 -0.80 0.00	36.23 0.95 0.00	34.37 1.44 0.00	37.05 1.31 0.00	37.11 1.27 0.00	41.48 1.79 0.00	46.47 1.71 0.00	44.98 1.54 0.00	38.86 0.65 0.00	41.09 0.53 0.00	43.48 0.08 0.00	40.04 -0.18 0.00	38.36 0.13 0.00	36.85 0.43 0.00	31.65 0.40 0.00	37.61 0.60 0.00	30.26 0.04 0.00
LOWER___HUDSON 24059	16.64 0.69 0.00	19.09 0.78 0.00	24.50 0.99 0.00	22.48 0.90 0.00	24.07 0.97 0.00	27.52 1.22 0.00	33.45 1.47 0.00	36.70 1.69 0.00	36.88 1.60 0.00	34.39 1.46 0.00	37.36 1.61 0.00	37.46 1.62 0.00	41.45 1.76 0.00	46.75 1.99 0.00	45.38 1.93 0.00	39.91 1.70 0.00	42.32 1.76 0.00	45.38 1.98 0.00	41.99 1.77 0.00	39.95 1.72 0.00	38.06 1.64 0.00	32.69 1.44 0.00	38.64 1.63 0.00	31.45 1.23 0.00
LOWVILLE_115KV_TB2 356335	15.56 -0.39 0.00	17.95 -0.35 0.00	23.36 -0.14 0.00	21.43 -0.16 0.00	23.07 -0.03 0.00	26.74 0.44 0.00	33.03 1.05 0.00	36.28 1.27 0.00	37.01 1.73 0.00	34.69 1.76 0.00	37.60 1.86 0.00	37.71 1.87 0.00	41.84 2.14 0.00	47.03 2.27 0.00	45.63 2.18 0.00	39.82 1.61 0.00	42.23 1.68 0.00	45.08 1.68 0.00	41.83 1.61 0.00	39.73 1.50 0.00	37.87 1.44 0.00	32.47 1.23 0.00	38.31 1.30 0.00	31.06 0.84 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.86 0.90 0.00	19.33 1.03 0.00	24.79 1.29 0.00	22.77 1.19 0.00	24.40 1.30 0.00	27.91 1.61 0.00	34.03 2.05 0.00	37.31 2.31 0.00	37.54 2.26 0.00	35.02 2.09 0.00	38.00 2.25 0.00	38.08 2.24 0.00	42.15 2.46 0.00	47.48 2.72 0.00	46.10 2.65 0.00	40.57 2.36 0.00	43.05 2.50 0.00	46.14 2.74 0.00	42.72 2.50 0.00	40.64 2.41 0.00	38.68 2.25 0.00	33.19 1.94 0.00	39.23 2.22 0.00	31.89 1.66 0.00

LUTHERNY_35_KV_BK2 355980	16.87 0.91 0.00	19.33 1.03 0.00	24.79 1.29 0.00	22.77 1.19 0.00	24.40 1.31 0.00	27.91 1.61 0.00	34.04 2.06 0.00	37.31 2.31 0.00	37.54 2.26 0.00	35.04 2.11 0.00	37.99 2.24 0.00	38.07 2.23 0.00	42.17 2.48 0.00	47.48 2.72 0.00	46.09 2.64 0.00	40.55 2.35 0.00	43.05 2.50 0.00	46.15 2.74 0.00	42.73 2.51 0.00	40.69 2.46 0.00	38.71 2.29 0.00	33.19 1.94 0.00	39.24 2.22 0.00	31.90 1.68 0.00
LWR___OSWEGATCHIE_HYD 23850	15.17 -0.79 0.00	17.39 -0.91 0.00	22.48 -1.03 0.00	20.64 -0.95 0.00	22.17 -0.92 0.00	25.82 -0.48 0.00	31.95 -0.03 0.00	35.15 0.15 0.00	36.56 1.27 0.00	34.49 1.55 0.00	37.37 1.63 0.00	37.45 1.61 0.00	41.69 1.99 0.00	46.77 2.01 0.00	45.31 1.86 0.00	39.24 1.03 0.00	41.55 0.99 0.00	44.17 0.76 0.00	40.85 0.63 0.00	38.96 0.73 0.00	37.30 0.87 0.00	32.07 0.82 0.00	37.95 0.93 0.00	30.65 0.42 0.00
LYONS_FALL_HYD 23570	15.84 -0.12 0.00	18.22 -0.08 0.00	23.59 0.08 0.00	21.66 0.07 0.00	23.27 0.17 0.00	26.84 0.54 0.00	32.99 1.01 0.00	36.18 1.18 0.00	36.80 1.52 0.00	34.44 1.50 0.00	37.34 1.59 0.00	37.44 1.60 0.00	41.52 1.83 0.00	46.73 1.97 0.00	45.36 1.91 0.00	39.68 1.48 0.00	42.13 1.57 0.00	44.98 1.57 0.00	41.70 1.48 0.00	39.60 1.38 0.00	37.73 1.31 0.00	32.35 1.10 0.00	38.20 1.18 0.00	31.01 0.79 0.00
MADISON___COUNTY_LFGE 323628	16.24 0.29 0.00	18.66 0.35 0.00	24.01 0.51 0.00	22.10 0.52 0.00	23.70 0.61 0.00	27.11 0.81 0.00	33.16 1.19 0.00	36.28 1.28 0.00	36.68 1.40 0.00	34.22 1.28 0.00	37.10 1.36 0.00	37.21 1.37 0.00	41.24 1.55 0.00	46.49 1.73 0.00	45.15 1.70 0.00	39.69 1.49 0.00	42.19 1.64 0.00	44.98 1.57 0.00	41.68 1.46 0.00	39.55 1.33 0.00	37.64 1.21 0.00	32.25 1.01 0.00	38.12 1.10 0.00	31.04 0.81 0.00
MALONE___115KV_TB1 356076	14.64 -1.32 0.00	16.68 -1.63 0.00	21.32 -2.19 0.00	19.69 -1.89 0.00	21.24 -1.86 0.00	24.95 -1.35 0.00	30.87 -1.11 0.00	34.03 -0.97 0.00	36.24 0.96 0.00	34.35 1.41 0.00	37.04 1.29 0.00	37.10 1.26 0.00	41.47 1.78 0.00	46.45 1.69 0.00	44.98 1.53 0.00	38.85 0.65 0.00	40.86 0.30 0.00	43.11 -0.29 0.00	39.60 -0.62 0.00	38.06 -0.16 0.00	36.63 0.21 0.00	31.46 0.21 0.00	37.44 0.43 0.00	30.09 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	16.46 0.50 0.00	18.88 0.58 0.00	24.26 0.76 0.00	22.26 0.68 0.00	23.80 0.71 0.00	27.18 0.88 0.00	33.03 1.05 0.00	36.27 1.27 0.00	36.44 1.16 0.00	33.99 1.05 0.00	36.94 1.19 0.00	37.05 1.21 0.00	40.98 1.29 0.00	46.23 1.47 0.00	44.90 1.45 0.00	39.49 1.28 0.00	41.89 1.34 0.00	44.92 1.52 0.00	41.58 1.36 0.00	39.53 1.31 0.00	37.67 1.24 0.00	32.34 1.10 0.00	38.23 1.21 0.00	31.11 0.89 0.00
MAPLE_RIDGE_WT_1 323574	15.24 -0.72 0.00	17.45 -0.85 0.00	22.43 -1.08 0.00	20.58 -1.01 0.00	22.13 -0.96 0.00	25.54 -0.76 0.00	31.30 -0.67 0.00	34.35 -0.65 0.00	35.36 0.07 0.00	33.22 0.28 0.00	35.94 0.20 0.00	36.02 0.18 0.00	40.02 0.33 0.00	45.03 0.26 0.00	43.66 0.21 0.00	38.13 -0.08 0.00	40.40 -0.16 0.00	43.02 -0.38 0.00	39.77 -0.45 0.00	37.93 -0.30 0.00	36.27 -0.15 0.00	31.14 -0.11 0.00	36.95 -0.07 0.00	30.01 -0.22 0.00
MAPLE_RIDGE_WT_2 323611	15.24 -0.72 0.00	17.45 -0.85 0.00	22.43 -1.08 0.00	20.58 -1.01 0.00	22.13 -0.96 0.00	25.54 -0.76 0.00	31.30 -0.67 0.00	34.35 -0.65 0.00	35.36 0.07 0.00	33.22 0.28 0.00	35.94 0.20 0.00	36.02 0.18 0.00	40.02 0.33 0.00	45.03 0.26 0.00	43.66 0.21 0.00	38.13 -0.08 0.00	40.40 -0.16 0.00	43.02 -0.38 0.00	39.77 -0.45 0.00	37.93 -0.30 0.00	36.27 -0.15 0.00	31.14 -0.11 0.00	36.95 -0.07 0.00	30.01 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	14.39 -1.57 0.00	16.37 -1.93 0.00	20.94 -2.57 0.00	19.36 -2.22 0.00	20.91 -2.18 0.00	24.58 -1.72 0.00	30.34 -1.63 0.00	33.39 -1.61 0.00	35.62 0.34 0.00	33.81 0.87 0.00	36.45 0.71 0.00	36.56 0.72 0.00	40.80 1.11 0.00	45.70 0.93 0.00	44.33 0.88 0.00	38.27 0.06 0.00	40.06 -0.50 0.00	42.20 -1.20 0.00	38.76 -1.46 0.00	37.34 -0.89 0.00	35.96 -0.47 0.00	30.91 -0.33 0.00	36.88 -0.14 0.00	29.68 -0.55 0.00
MARSHVLE_115KV_TB1 80742	16.71 0.75 0.00	19.16 0.86 0.00	24.60 1.09 0.00	22.64 1.05 0.00	24.28 1.19 0.00	27.73 1.43 0.00	33.97 2.00 0.00	37.27 2.27 0.00	37.70 2.42 0.00	35.20 2.27 0.00	38.10 2.36 0.00	38.10 2.27 0.00	42.30 2.61 0.00	47.73 2.97 0.00	46.38 2.92 0.00	40.70 2.49 0.00	43.26 2.71 0.00	46.27 2.86 0.00	42.86 2.64 0.00	40.68 2.45 0.00	38.72 2.29 0.00	33.13 1.88 0.00	39.24 2.22 0.00	32.01 1.79 0.00
MARSH_HILL_WT_PWR 323713	14.94 -1.02 0.00	18.01 -0.30 0.00	23.47 -0.04 0.00	21.77 0.18 0.00	23.37 0.28 0.00	26.57 0.27 0.00	32.65 0.67 0.00	35.06 0.05 0.00	35.32 0.04 0.00	32.75 -0.18 0.00	35.40 -0.34 0.00	35.44 -0.39 0.00	39.38 -0.31 0.00	44.65 -0.11 0.00	43.47 0.02 0.00	38.28 0.08 0.00	40.86 0.30 0.00	43.33 -0.07 0.00	40.10 -0.12 0.00	37.55 -0.68 0.00	35.53 -0.90 0.00	30.22 -1.03 0.00	35.22 -1.80 0.00	28.60 -1.63 0.00
MCINTYRE_115KV_TB2 80467	14.95 -1.01 0.00	17.06 -1.24 0.00	21.82 -1.68 0.00	20.08 -1.50 0.00	21.60 -1.50 0.00	25.32 -0.98 0.00	31.44 -0.54 0.00	34.64 -0.36 0.00	36.80 1.51 0.00	34.95 2.02 0.00	37.58 1.83 0.00	37.63 1.79 0.00	42.08 2.39 0.00	47.13 2.36 0.00	45.66 2.21 0.00	39.46 1.25 0.00	41.81 1.26 0.00	44.21 0.81 0.00	40.68 0.47 0.00	38.98 0.76 0.00	37.47 1.04 0.00	32.13 0.88 0.00	38.16 1.14 0.00	30.67 0.44 0.00
MECO_____69_KV_BK1 80468	16.91 0.95 0.00	19.38 1.07 0.00	24.86 1.36 0.00	22.86 1.28 0.00	24.51 1.41 0.00	28.02 1.72 0.00	34.34 2.37 0.00	37.73 2.72 0.00	38.07 2.79 0.00	35.49 2.55 0.00	38.39 2.64 0.00	38.43 2.59 0.00	42.65 2.96 0.00	48.15 3.39 0.00	46.84 3.39 0.00	41.20 2.99 0.00	43.82 3.27 0.00	46.95 3.55 0.00	43.46 3.24 0.00	41.26 3.03 0.00	39.25 2.83 0.00	33.57 2.32 0.00	39.65 2.64 0.00	32.27 2.04 0.00
MENANDS___115KV_TB5 355628	16.36 0.41 0.00	18.77 0.47 0.00	24.14 0.64 0.00	22.14 0.56 0.00	23.64 0.55 0.00	27.00 0.70 0.00	32.79 0.82 0.00	36.00 1.00 0.00	36.13 0.85 0.00	33.71 0.78 0.00	36.65 0.90 0.00	36.76 0.92 0.00	40.66 0.97 0.00	45.87 1.11 0.00	44.56 1.11 0.00	39.18 0.98 0.00	41.56 1.00 0.00	44.56 1.16 0.00	41.26 1.04 0.00	39.25 1.02 0.00	37.39 0.96 0.00	32.11 0.87 0.00	37.97 0.95 0.00	30.91 0.69 0.00
MG INDUSTRY___DRP 24185	16.34 0.38 0.00	18.75 0.44 0.00	24.14 0.64 0.00	22.16 0.57 0.00	23.65 0.56 0.00	26.96 0.66 0.00	32.77 0.80 0.00	35.94 0.94 0.00	36.13 0.85 0.00	33.68 0.75 0.00	36.58 0.83 0.00	36.66 0.82 0.00	40.58 0.88 0.00	45.78 1.02 0.00	44.45 1.00 0.00	39.12 0.91 0.00	41.51 0.96 0.00	44.49 1.08 0.00	41.20 0.98 0.00	39.18 0.95 0.00	37.33 0.91 0.00	32.05 0.80 0.00	37.91 0.89 0.00	30.88 0.66 0.00

MID___OSWEGATCHIE_HYD 23849	15.17 -0.79 0.00	17.39 -0.91 0.00	22.48 -1.03 0.00	20.64 -0.95 0.00	22.17 -0.92 0.00	25.82 -0.48 0.00	31.95 -0.03 0.00	35.15 0.15 0.00	36.56 1.27 0.00	34.49 1.55 0.00	37.37 1.63 0.00	37.45 1.61 0.00	41.69 1.99 0.00	46.77 2.01 0.00	45.31 1.86 0.00	39.24 1.03 0.00	41.55 0.99 0.00	44.17 0.76 0.00	40.85 0.63 0.00	38.96 0.73 0.00	37.30 0.87 0.00	32.07 0.82 0.00	37.95 0.93 0.00	30.65 0.42 0.00
MID___RAQUETTE_HYD 23851	14.78 -1.18 0.00	16.87 -1.43 0.00	21.62 -1.88 0.00	19.90 -1.69 0.00	21.40 -1.70 0.00	25.06 -1.24 0.00	31.05 -0.93 0.00	34.20 -0.80 0.00	36.23 0.95 0.00	34.37 1.44 0.00	37.05 1.31 0.00	37.11 1.27 0.00	41.48 1.79 0.00	46.47 1.71 0.00	44.98 1.54 0.00	38.86 0.65 0.00	41.09 0.53 0.00	43.48 0.08 0.00	40.04 -0.18 0.00	38.36 0.13 0.00	36.85 0.43 0.00	31.65 0.40 0.00	37.61 0.60 0.00	30.26 0.04 0.00
MILLIKEN___1 23584	16.19 0.23 0.00	18.62 0.31 0.00	23.87 0.37 0.00	21.98 0.40 0.00	23.57 0.48 0.00	26.84 0.53 0.00	32.80 0.82 0.00	35.81 0.81 0.00	36.05 0.77 0.00	33.60 0.66 0.00	36.46 0.71 0.00	36.53 0.69 0.00	40.51 0.81 0.00	45.72 0.96 0.00	44.38 0.93 0.00	39.08 0.87 0.00	41.61 1.05 0.00	44.52 1.12 0.00	41.32 1.10 0.00	39.18 0.96 0.00	37.28 0.85 0.00	31.89 0.64 0.00	37.72 0.70 0.00	30.72 0.49 0.00
MILLIKEN___2 23585	16.19 0.23 0.00	18.62 0.31 0.00	23.87 0.37 0.00	21.98 0.40 0.00	23.57 0.48 0.00	26.84 0.53 0.00	32.80 0.82 0.00	35.81 0.81 0.00	36.05 0.77 0.00	33.60 0.66 0.00	36.46 0.71 0.00	36.53 0.69 0.00	40.51 0.81 0.00	45.72 0.96 0.00	44.38 0.93 0.00	39.08 0.87 0.00	41.61 1.05 0.00	44.52 1.12 0.00	41.32 1.10 0.00	39.18 0.96 0.00	37.28 0.85 0.00	31.89 0.64 0.00	37.72 0.70 0.00	30.72 0.49 0.00
MILLIKEN___DIESEL 23629	16.19 0.23 0.00	18.62 0.31 0.00	23.87 0.37 0.00	21.98 0.40 0.00	23.57 0.48 0.00	26.84 0.53 0.00	32.80 0.82 0.00	35.81 0.81 0.00	36.05 0.77 0.00	33.60 0.66 0.00	36.46 0.71 0.00	36.53 0.69 0.00	40.51 0.81 0.00	45.72 0.96 0.00	44.38 0.93 0.00	39.08 0.87 0.00	41.61 1.05 0.00	44.52 1.12 0.00	41.32 1.10 0.00	39.18 0.96 0.00	37.28 0.85 0.00	31.89 0.64 0.00	37.72 0.70 0.00	30.72 0.49 0.00
MILLSEAT___LFGE 323607	15.53 -0.43 0.00	17.98 -0.32 0.00	22.91 -0.60 0.00	21.13 -0.45 0.00	22.81 -0.29 0.00	26.09 -0.22 0.00	31.55 -0.43 0.00	33.83 -1.17 0.00	34.24 -1.04 0.00	31.92 -0.89 0.12	32.02 -1.34 2.38	34.22 -1.62 0.00	38.28 -1.41 0.00	42.08 -1.57 1.12	40.18 -1.57 1.71	36.29 -1.27 0.65	39.15 -1.02 0.38	41.79 -1.51 0.10	38.92 -1.30 0.00	36.79 -1.43 0.00	35.02 -1.40 0.00	30.10 -1.15 0.00	35.87 -1.14 0.00	29.30 -0.93 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.95 0.99 0.00	19.33 1.03 0.00	24.65 1.15 0.00	22.63 1.05 0.00	24.34 1.25 0.00	27.84 1.55 0.00	33.92 1.94 0.00	37.26 2.26 0.00	37.28 2.00 0.00	34.76 1.82 0.00	37.82 2.07 0.00	38.00 2.17 0.00	41.92 2.23 0.00	47.31 2.55 0.00	46.01 2.56 0.00	40.51 2.30 0.00	43.00 2.45 0.00	46.16 2.76 0.00	42.82 2.60 0.00	40.67 2.44 0.00	38.73 2.31 0.00	33.19 1.95 0.00	39.31 2.29 0.00	31.90 1.67 0.00
MILLWOOD_13_KV_LOAD 356217	16.97 1.01 0.00	19.35 1.05 0.00	24.68 1.18 0.00	22.66 1.08 0.00	24.37 1.28 0.00	27.88 1.58 0.00	33.96 1.99 0.00	37.32 2.32 0.00	37.34 2.06 0.00	34.81 1.87 0.00	37.88 2.14 0.00	38.06 2.23 0.00	41.98 2.29 0.00	47.38 2.62 0.00	46.09 2.63 0.00	40.57 2.37 0.00	43.08 2.52 0.00	46.25 2.84 0.00	42.90 2.69 0.00	40.74 2.51 0.00	38.80 2.38 0.00	33.24 2.00 0.00	39.36 2.34 0.00	31.94 1.71 0.00
MODEL_CITY_ENERGY 24167	15.04 -0.92 0.00	17.44 -0.87 0.00	22.22 -1.29 0.00	20.51 -1.07 0.00	22.15 -0.95 0.00	25.31 -1.00 0.00	30.47 -1.51 0.00	32.53 -2.48 0.00	32.98 -2.30 0.00	30.84 -1.96 0.14	30.53 -2.44 2.77	33.10 -2.73 0.00	37.02 -2.67 0.00	40.35 -3.11 1.30	38.33 -3.14 1.99	34.77 -2.67 0.76	37.54 -2.57 0.45	40.04 -3.24 0.12	37.31 -2.91 0.00	35.27 -2.96 0.00	33.59 -2.84 0.00	28.93 -2.31 0.00	34.61 -2.40 0.00	28.31 -1.91 0.00
MODERN_LFGE___ 323580	15.04 -0.92 0.00	17.44 -0.87 0.00	22.22 -1.29 0.00	20.51 -1.07 0.00	22.15 -0.95 0.00	25.31 -1.00 0.00	30.47 -1.51 0.00	32.53 -2.48 0.00	32.98 -2.30 0.00	30.84 -1.96 0.14	30.53 -2.44 2.77	33.10 -2.73 0.00	37.02 -2.67 0.00	40.35 -3.11 1.30	38.33 -3.14 1.99	34.77 -2.67 0.76	37.54 -2.57 0.45	40.04 -3.24 0.12	37.31 -2.91 0.00	35.27 -2.96 0.00	33.59 -2.84 0.00	28.93 -2.31 0.00	34.61 -2.40 0.00	28.31 -1.91 0.00
MOHAWK_PAPER___DRP 24187	16.46 0.50 0.00	18.88 0.58 0.00	24.26 0.76 0.00	22.26 0.68 0.00	23.80 0.71 0.00	27.18 0.88 0.00	33.03 1.05 0.00	36.27 1.27 0.00	36.44 1.16 0.00	33.99 1.05 0.00	36.94 1.19 0.00	37.05 1.21 0.00	40.98 1.29 0.00	46.23 1.47 0.00	44.90 1.45 0.00	39.49 1.28 0.00	41.89 1.34 0.00	44.92 1.52 0.00	41.58 1.36 0.00	39.53 1.31 0.00	37.67 1.24 0.00	32.34 1.10 0.00	38.23 1.21 0.00	31.11 0.89 0.00
MOHICAN___35_KV_115KV_LD 80490	17.09 1.13 0.00	19.59 1.29 0.00	25.12 1.61 0.00	23.06 1.48 0.00	24.75 1.65 0.00	28.46 2.16 0.00	34.72 2.75 0.00	38.07 3.07 0.00	38.40 3.12 0.00	35.80 2.86 0.00	38.83 3.08 0.00	38.84 3.00 0.00	42.98 3.29 0.00	48.27 3.51 0.00	46.90 3.45 0.00	41.30 3.10 0.00	43.72 3.17 0.00	46.94 3.54 0.00	43.42 3.20 0.00	41.35 3.12 0.00	39.36 2.93 0.00	33.79 2.55 0.00	39.91 2.90 0.00	32.36 2.14 0.00
MONGAUP___HYD 23641	17.02 1.06 0.00	19.42 1.12 0.00	24.73 1.23 0.00	22.72 1.13 0.00	24.42 1.32 0.00	27.99 1.69 0.00	34.19 2.22 0.00	37.57 2.57 0.00	37.61 2.33 0.00	35.01 2.07 0.00	38.04 2.30 0.00	38.22 2.38 0.00	42.17 2.48 0.00	47.67 2.91 0.00	46.35 2.90 0.00	40.81 2.61 0.00	43.43 2.87 0.00	46.68 3.28 0.00	43.32 3.10 0.00	41.11 2.89 0.00	39.13 2.71 0.00	33.54 2.29 0.00	39.66 2.64 0.00	32.17 1.94 0.00
MONTAUK___DIESEL 23721	20.99 1.29 -3.75	19.94 1.63 0.00	25.12 1.61 0.00	22.44 0.86 0.00	24.22 1.12 0.00	27.68 1.38 0.00	33.61 1.63 0.00	36.66 1.66 0.00	36.20 0.91 0.00	4.30 0.81 29.44	25.68 1.05 11.12	38.02 2.02 -0.16	41.05 1.36 0.00	46.24 1.48 0.00	44.93 1.48 0.00	39.89 1.68 0.00	42.37 1.82 0.01	43.72 2.13 1.82	43.95 2.15 -1.58	40.34 2.12 0.01	38.23 1.81 0.01	32.31 1.07 0.01	38.21 1.20 0.00	31.23 1.01 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.62 -0.33 0.00	18.26 -0.05 0.00	23.25 -0.25 0.00	21.28 -0.30 0.00	23.17 0.07 0.00	26.35 0.05 0.00	32.06 0.08 0.00	34.26 -0.74 0.00	34.99 -0.29 0.00	33.35 0.41 0.00	36.12 0.37 0.00	36.09 0.25 0.00	40.28 0.59 0.00	45.42 0.66 0.00	43.89 0.44 0.00	38.67 0.46 0.00	41.34 0.78 0.00	43.80 0.40 0.00	40.60 0.38 0.00	38.17 -0.06 0.00	36.38 -0.04 0.00	31.16 -0.08 0.00	36.74 -0.27 0.00	29.77 -0.46 0.00

MORRIS_RIDGE___SOLAR 323848	15.21 -0.75 0.00	17.95 -0.35 0.00	23.12 -0.38 0.00	21.44 -0.15 0.00	23.05 -0.04 0.00	26.20 -0.10 0.00	32.03 0.05 0.00	34.37 -0.63 0.00	34.63 -0.65 0.00	32.09 -0.85 0.00	34.72 -1.03 0.00	34.74 -1.09 0.00	38.69 -1.00 0.00	43.77 -0.98 0.00	42.59 -0.86 0.00	37.50 -0.70 0.00	40.08 -0.48 0.00	42.57 -0.84 0.00	39.48 -0.74 0.00	37.17 -1.06 0.00	35.27 -1.16 0.00	30.14 -1.10 0.00	35.50 -1.52 0.00	28.86 -1.37 0.00
MORTIMER_115KV_TB3 55949	15.55 -0.41 0.00	17.93 -0.37 0.00	22.91 -0.60 0.00	21.09 -0.50 0.00	22.67 -0.42 0.00	25.86 -0.44 0.00	31.34 -0.63 0.00	33.88 -1.13 0.00	34.21 -1.07 0.00	31.98 -0.96 0.00	34.53 -1.22 0.00	34.49 -1.34 0.00	38.41 -1.28 0.00	43.39 -1.37 0.00	42.11 -1.34 0.00	37.07 -1.14 0.00	39.57 -0.98 0.00	42.11 -1.29 0.00	39.05 -1.17 0.00	36.99 -1.23 0.00	35.20 -1.22 0.00	30.22 -1.03 0.00	35.91 -1.11 0.00	29.35 -0.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.08 1.12 0.00	19.47 1.17 0.00	24.80 1.30 0.00	22.76 1.18 0.00	24.47 1.37 0.00	28.00 1.70 0.00	34.09 2.12 0.00	37.49 2.48 0.00	37.51 2.23 0.00	34.99 2.06 0.00	38.08 2.34 0.00	38.28 2.45 0.00	42.21 2.52 0.00	47.65 2.89 0.00	46.36 2.92 0.00	40.81 2.60 0.00	43.29 2.73 0.00	46.45 3.04 0.00	43.09 2.87 0.00	40.94 2.71 0.00	38.98 2.56 0.00	33.38 2.13 0.00	39.54 2.52 0.00	32.09 1.86 0.00
MUNSVILLE_WIND_PWR 323609	16.94 0.98 0.00	19.39 1.09 0.00	24.83 1.33 0.00	22.93 1.35 0.00	24.85 1.75 0.00	28.58 2.28 0.00	35.19 3.21 0.00	38.49 3.48 0.00	38.77 3.49 0.00	36.24 3.26 -0.04	40.02 3.47 -0.81	39.32 3.49 0.00	43.70 4.01 0.00	49.68 4.54 -0.38	48.37 4.33 -0.58	42.27 3.84 -0.22	44.99 4.30 -0.13	48.07 4.63 -0.04	44.58 4.36 0.00	42.25 4.02 0.00	40.05 3.63 0.00	34.17 2.92 0.00	40.29 3.27 0.00	32.49 2.26 0.00
N SALMON___HYD 24042	14.64 -1.32 0.00	16.68 -1.63 0.00	21.32 -2.19 0.00	19.69 -1.89 0.00	21.24 -1.86 0.00	24.95 -1.35 0.00	30.87 -1.11 0.00	34.03 -0.97 0.00	36.24 0.96 0.00	34.35 1.41 0.00	37.03 1.29 0.00	37.10 1.26 0.00	41.47 1.78 0.00	46.45 1.69 0.00	44.98 1.53 0.00	38.85 0.65 0.00	40.86 0.30 0.00	43.11 -0.29 0.00	39.60 -0.62 0.00	38.06 -0.16 0.00	36.63 0.21 0.00	31.46 0.21 0.00	37.44 0.43 0.00	30.09 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	15.45 -0.51 0.00	17.89 -0.41 0.00	22.81 -0.70 0.00	21.04 -0.54 0.00	22.71 -0.38 0.00	25.97 -0.33 0.00	31.39 -0.58 0.00	33.60 -1.40 0.00	34.05 -1.23 0.00	31.89 -1.04 0.00	34.26 -1.49 0.00	34.08 -1.76 0.00	38.11 -1.58 0.00	42.97 -1.79 0.00	41.62 -1.83 0.00	36.70 -1.50 0.00	39.27 -1.29 0.00	41.56 -1.84 0.00	38.64 -1.59 0.00	36.53 -1.69 0.00	34.78 -1.64 0.00	29.92 -1.33 0.00	35.66 -1.36 0.00	29.13 -1.09 0.00
N.BELMOR_69_KV_BK1 55787	21.80 1.43 -4.42	19.81 1.50 0.00	25.20 1.69 0.00	23.01 1.42 0.00	24.90 1.81 0.00	28.38 2.08 0.00	34.34 2.36 0.00	37.53 2.52 0.00	37.48 2.20 0.00	35.04 2.10 0.00	38.48 2.69 -0.05	39.30 2.90 -0.57	42.27 2.58 0.00	47.62 2.86 0.00	46.31 2.86 0.00	40.93 2.72 0.00	43.43 2.87 -0.01	48.31 3.11 -1.80	51.78 3.18 -8.39	41.23 3.00 -0.01	39.15 2.72 -0.01	33.47 2.22 -0.01	39.57 2.55 0.00	32.27 2.04 0.00
N.E_GEN_SANDY PD 24062	42.62 0.73 -25.94	42.46 0.79 -23.36	40.80 0.95 -16.34	40.64 0.87 -18.18	32.29 0.97 -8.22	33.08 1.24 -5.55	31.95 1.49 1.51	36.84 1.75 -0.08	36.89 1.61 0.00	34.42 1.48 0.00	38.38 1.67 -0.96	37.53 1.69 0.00	41.47 1.78 0.00	46.81 2.05 0.00	44.77 2.01 0.70	39.98 1.77 0.00	42.38 1.82 0.00	45.48 2.07 0.00	42.07 1.85 0.00	40.02 1.79 0.00	38.13 1.70 0.00	32.77 1.52 0.00	38.75 1.75 0.02	29.24 1.30 2.29
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.95 0.99 0.00	19.33 1.03 0.00	24.63 1.13 0.00	22.62 1.04 0.00	24.33 1.24 0.00	27.84 1.54 0.00	33.95 1.97 0.00	37.30 2.30 0.00	37.26 1.98 0.00	34.71 1.78 0.00	37.77 2.03 0.00	37.96 2.12 0.00	41.86 2.17 0.00	47.27 2.51 0.00	45.97 2.51 0.00	40.47 2.26 0.00	43.00 2.45 0.00	46.18 2.78 0.00	42.86 2.64 0.00	40.69 2.46 0.00	38.76 2.34 0.00	33.22 1.98 0.00	39.35 2.33 0.00	31.90 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	17.08 1.13 0.00	19.47 1.16 0.00	24.78 1.27 0.00	22.75 1.17 0.00	24.46 1.36 0.00	28.00 1.70 0.00	34.05 2.08 0.00	37.51 2.51 0.00	37.50 2.22 0.00	35.01 2.08 0.00	38.06 2.31 0.00	38.30 2.46 0.00	42.19 2.50 0.00	47.62 2.87 0.00	46.35 2.90 0.00	40.84 2.63 0.00	43.26 2.70 0.00	46.44 3.03 0.00	43.10 2.88 0.00	40.94 2.71 0.00	38.91 2.48 0.00	33.32 2.07 0.00	39.43 2.42 0.00	32.03 1.81 0.00
N.TROY___115KV_TB1 355778	16.64 0.69 0.00	19.09 0.78 0.00	24.50 0.99 0.00	22.48 0.90 0.00	24.07 0.97 0.00	27.52 1.22 0.00	33.45 1.47 0.00	36.70 1.69 0.00	36.88 1.60 0.00	34.39 1.46 0.00	37.36 1.62 0.00	37.46 1.62 0.00	41.45 1.76 0.00	46.75 1.99 0.00	45.38 1.93 0.00	39.91 1.70 0.00	42.32 1.76 0.00	45.38 1.98 0.00	41.99 1.77 0.00	39.94 1.72 0.00	38.06 1.63 0.00	32.69 1.44 0.00	38.65 1.63 0.00	31.45 1.22 0.00
NARROWS_GT1_1 24228	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT1_2 24229	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT1_3 24230	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT1_4 24231	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00

NARROWS_GT1_5 24232	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT1_6 24233	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT1_7 24234	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT1_8 24235	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_1 24236	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_2 24237	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_3 24238	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_4 24239	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_5 24240	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_6 24241	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_7 24242	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NARROWS_GT2_8 24243	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.24 0.00	37.67 2.67 0.00	37.64 2.36 0.00	35.13 2.19 0.00	38.18 2.44 0.00	38.42 2.58 0.00	42.39 2.70 0.00	47.85 3.09 0.00	46.55 3.10 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.94 0.00	39.18 2.75 0.00	33.55 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.48 0.52 0.00	18.93 0.63 0.00	24.42 0.91 0.00	22.42 0.84 0.00	23.89 0.80 0.00	27.29 0.99 0.00	33.27 1.29 0.00	36.62 1.61 0.00	36.90 1.62 0.00	34.38 1.45 0.00	37.31 1.56 0.00	37.38 1.54 0.00	41.41 1.72 0.00	46.73 1.97 0.00	45.34 1.89 0.00	39.95 1.74 0.00	42.48 1.92 0.00	45.56 2.16 0.00	42.19 1.97 0.00	40.07 1.85 0.00	38.11 1.68 0.00	32.68 1.43 0.00	38.55 1.54 0.00	31.36 1.14 0.00
NCHELSEA_115KV_TR2 355582	16.99 1.03 0.00	19.39 1.08 0.00	24.75 1.24 0.00	22.73 1.14 0.00	24.41 1.31 0.00	27.92 1.62 0.00	34.07 2.09 0.00	37.45 2.45 0.00	37.52 2.24 0.00	35.00 2.06 0.00	38.09 2.35 0.00	38.25 2.42 0.00	42.21 2.52 0.00	47.64 2.88 0.00	46.32 2.87 0.00	40.79 2.58 0.00	43.32 2.77 0.00	46.51 3.11 0.00	43.13 2.91 0.00	40.95 2.72 0.00	38.98 2.56 0.00	33.40 2.15 0.00	39.52 2.50 0.00	32.06 1.83 0.00
NEG CAPITAL___MECHNVIL 23645	16.86 0.90 0.00	19.33 1.03 0.00	24.80 1.29 0.00	22.77 1.19 0.00	24.40 1.30 0.00	27.92 1.62 0.00	34.03 2.05 0.00	37.31 2.31 0.00	37.56 2.28 0.00	35.06 2.12 0.00	38.05 2.30 0.00	38.13 2.29 0.00	42.22 2.53 0.00	47.57 2.81 0.00	46.15 2.70 0.00	40.61 2.40 0.00	43.10 2.55 0.00	46.21 2.81 0.00	42.76 2.54 0.00	40.68 2.45 0.00	38.71 2.29 0.00	33.21 1.96 0.00	39.24 2.22 0.00	31.90 1.67 0.00

NEG CENTRAL_HIGH_ACRES 23767	15.36 -0.60 0.00	17.69 -0.62 0.00	22.62 -0.88 0.00	20.82 -0.77 0.00	22.37 -0.72 0.00	25.50 -0.80 0.00	30.98 -1.00 0.00	33.57 -1.43 0.00	33.88 -1.40 0.00	31.60 -1.28 0.05	33.14 -1.53 1.08	34.22 -1.62 0.00	38.11 -1.59 0.00	42.50 -1.76 0.50	40.99 -1.69 0.77	36.46 -1.46 0.30	39.03 -1.36 0.17	41.72 -1.63 0.05	38.70 -1.52 0.00	36.66 -1.57 0.00	34.89 -1.53 0.00	29.92 -1.33 0.00	35.54 -1.48 0.00	29.04 -1.19 0.00
NEG CENTRAL___DRP 24199	15.87 -0.08 0.00	18.32 0.02 0.00	23.49 -0.01 0.00	21.66 0.07 0.00	23.25 0.15 0.00	26.43 0.13 0.00	32.30 0.32 0.00	35.08 0.08 0.00	35.32 0.04 0.00	32.96 0.02 0.00	35.59 -0.15 0.00	35.71 -0.12 0.00	39.61 -0.08 0.00	44.73 -0.04 0.00	43.49 0.05 0.00	38.19 -0.02 0.00	40.57 0.02 0.00	43.35 -0.06 0.00	40.19 -0.03 0.00	38.09 -0.14 0.00	36.28 -0.14 0.00	31.03 -0.22 0.00	36.71 -0.31 0.00	29.93 -0.30 0.00
NEG CENTRAL___INDECK 23768	15.78 -0.17 0.00	18.44 0.13 0.00	23.72 0.21 0.00	21.91 0.33 0.00	23.59 0.49 0.00	26.91 0.61 0.00	32.89 0.91 0.00	35.23 0.22 0.00	34.87 -0.41 0.00	31.74 -1.17 0.02	33.95 -1.34 0.45	34.49 -1.35 0.00	38.23 -1.46 0.00	44.90 0.35 0.21	43.54 0.41 0.32	38.54 0.46 0.12	41.37 0.88 0.07	44.15 0.77 0.02	40.97 0.75 0.00	38.67 0.45 0.00	36.68 0.26 0.00	31.33 0.08 0.00	36.92 -0.09 0.00	30.03 -0.20 0.00
NEG CENTRAL___SENECA 23627	15.86 -0.10 0.00	18.34 0.04 0.00	23.50 0.00 0.00	21.71 0.13 0.00	23.32 0.23 0.00	26.52 0.22 0.00	32.50 0.53 0.00	35.18 0.18 0.00	35.45 0.17 0.00	33.09 0.15 0.00	35.64 -0.10 0.00	35.79 -0.05 0.00	39.72 0.03 0.00	44.87 0.11 0.00	43.70 0.25 0.00	38.37 0.16 0.00	40.87 0.31 0.00	43.63 0.22 0.00	40.49 0.27 0.00	38.32 0.10 0.00	36.53 0.10 0.00	31.18 -0.07 0.00	36.85 -0.17 0.00	29.97 -0.26 0.00
NEG CENTRAL___STATE_STREET 24147	15.99 0.03 0.00	18.39 0.09 0.00	23.60 0.09 0.00	21.71 0.12 0.00	23.27 0.18 0.00	26.45 0.14 0.00	32.23 0.25 0.00	35.14 0.13 0.00	35.37 0.09 0.00	32.97 0.03 0.00	35.75 0.01 0.00	35.84 0.00 0.00	39.74 0.05 0.00	44.85 0.08 0.00	43.56 0.11 0.00	38.30 0.10 0.00	40.77 0.21 0.00	43.61 0.20 0.00	40.43 0.21 0.00	38.36 0.13 0.00	36.50 0.08 0.00	31.27 0.02 0.00	37.03 0.01 0.00	30.24 0.02 0.00
NEG MILLWOOD___DRP 24198	17.05 1.09 0.00	19.46 1.16 0.00	24.82 1.32 0.00	22.79 1.21 0.00	24.49 1.39 0.00	28.03 1.73 0.00	34.20 2.23 0.00	37.60 2.60 0.00	37.68 2.40 0.00	35.14 2.21 0.00	38.25 2.50 0.00	38.42 2.58 0.00	42.38 2.69 0.00	47.82 3.06 0.00	46.51 3.06 0.00	40.96 2.75 0.00	43.50 2.95 0.00	46.71 3.31 0.00	43.32 3.09 0.00	41.13 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.68 2.67 0.00	32.18 1.95 0.00
NEG NORTH_FLCN_SEA 23793	14.48 -1.48 0.00	16.47 -1.83 0.00	21.08 -2.43 0.00	19.49 -2.09 0.00	21.06 -2.04 0.00	24.76 -1.54 0.00	30.56 -1.42 0.00	33.63 -1.38 0.00	35.89 0.60 0.00	34.07 1.13 0.00	36.75 1.01 0.00	36.87 1.03 0.00	41.12 1.43 0.00	46.06 1.29 0.00	44.71 1.26 0.00	38.60 0.39 0.00	40.10 -0.46 0.00	42.31 -1.09 0.00	38.97 -1.26 0.00	37.62 -0.61 0.00	36.25 -0.17 0.00	31.19 -0.05 0.00	37.34 0.32 0.00	30.08 -0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	14.41 -1.55 0.00	16.39 -1.92 0.00	20.94 -2.57 0.00	19.36 -2.22 0.00	20.91 -2.19 0.00	24.57 -1.73 0.00	30.35 -1.63 0.00	33.43 -1.58 0.00	35.69 0.41 0.00	33.88 0.95 0.00	36.51 0.76 0.00	36.60 0.76 0.00	40.88 1.19 0.00	45.77 1.01 0.00	44.38 0.93 0.00	38.30 0.09 0.00	40.14 -0.41 0.00	42.29 -1.11 0.00	38.82 -1.40 0.00	37.41 -0.82 0.00	36.01 -0.42 0.00	30.96 -0.29 0.00	36.90 -0.11 0.00	29.68 -0.55 0.00
NEG NORTH___ALICE_FALLS 23915	14.59 -1.37 0.00	16.59 -1.71 0.00	21.21 -2.29 0.00	19.62 -1.97 0.00	21.19 -1.91 0.00	24.91 -1.39 0.00	30.78 -1.20 0.00	33.89 -1.11 0.00	36.15 0.87 0.00	34.32 1.39 0.00	37.02 1.27 0.00	37.11 1.28 0.00	41.41 1.73 0.00	46.40 1.64 0.00	45.01 1.56 0.00	38.88 0.67 0.00	40.54 -0.01 0.00	42.78 -0.63 0.00	39.40 -0.81 0.00	37.94 -0.29 0.00	36.54 0.11 0.00	31.42 0.17 0.00	37.49 0.47 0.00	30.16 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	14.59 -1.37 0.00	16.59 -1.71 0.00	21.21 -2.29 0.00	19.62 -1.97 0.00	21.19 -1.91 0.00	24.91 -1.39 0.00	30.78 -1.20 0.00	33.89 -1.11 0.00	36.15 0.87 0.00	34.32 1.39 0.00	37.02 1.27 0.00	37.11 1.28 0.00	41.41 1.73 0.00	46.40 1.64 0.00	45.01 1.56 0.00	38.88 0.67 0.00	40.54 -0.01 0.00	42.78 -0.63 0.00	39.40 -0.81 0.00	37.94 -0.29 0.00	36.54 0.11 0.00	31.42 0.17 0.00	37.49 0.47 0.00	30.16 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	14.59 -1.37 0.00	16.59 -1.71 0.00	21.22 -2.29 0.00	19.62 -1.97 0.00	21.19 -1.91 0.00	24.91 -1.39 0.00	30.78 -1.20 0.00	33.89 -1.11 0.00	36.15 0.87 0.00	34.32 1.39 0.00	37.02 1.27 0.00	37.11 1.28 0.00	41.41 1.72 0.00	46.40 1.64 0.00	45.01 1.56 0.00	38.87 0.67 0.00	40.54 -0.02 0.00	42.78 -0.63 0.00	39.40 -0.81 0.00	37.93 -0.29 0.00	36.54 0.11 0.00	31.42 0.17 0.00	37.49 0.48 0.00	30.16 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	15.22 -0.74 0.00	17.64 -0.66 0.00	22.48 -1.03 0.00	20.75 -0.84 0.00	22.40 -0.69 0.00	25.59 -0.71 0.00	30.85 -1.12 0.00	32.95 -2.05 0.00	33.38 -1.90 0.00	31.32 -1.62 0.00	33.68 -2.07 0.00	33.49 -2.34 0.00	37.45 -2.24 0.00	42.18 -2.59 0.00	40.80 -2.65 0.00	35.96 -2.25 0.00	38.44 -2.12 0.00	40.63 -2.77 0.00	37.82 -2.40 0.00	35.77 -2.45 0.00	34.06 -2.36 0.00	29.35 -1.90 0.00	35.03 -1.98 0.00	28.64 -1.58 0.00
NEG WEST___LANCASTER 23811	16.07 0.11 0.00	18.63 0.33 0.00	23.73 0.22 0.00	21.94 0.36 0.00	23.67 0.58 0.00	26.85 0.54 0.00	32.51 0.54 0.00	34.83 -0.18 0.00	35.23 -0.05 0.00	33.04 0.10 0.00	35.84 0.10 0.00	35.71 -0.13 0.00	39.92 0.23 0.00	45.04 0.27 0.00	43.46 0.02 0.00	38.22 0.01 0.00	40.80 0.24 0.00	43.20 -0.21 0.00	40.11 -0.11 0.00	37.75 -0.48 0.00	35.94 -0.49 0.00	30.93 -0.31 0.00	36.85 -0.17 0.00	29.99 -0.24 0.00
NEG_PENN_ALLEGHNY 23528	16.15 0.19 0.00	18.57 0.27 0.00	23.79 0.28 0.00	21.95 0.37 0.00	23.55 0.45 0.00	26.77 0.46 0.00	32.73 0.76 0.00	35.64 0.64 0.00	35.88 0.60 0.00	33.48 0.48 -0.06	37.46 0.56 -1.15	36.40 0.56 0.00	40.33 0.64 0.00	46.02 0.72 -0.54	44.95 0.67 -0.83	39.13 0.61 -0.32	41.47 0.73 -0.19	44.23 0.78 -0.05	41.03 0.81 0.00	38.92 0.69 0.00	37.04 0.61 0.00	31.73 0.48 0.00	37.59 0.57 0.00	30.54 0.31 0.00
NEG___GEN_MONROE 24207	15.65 -0.31 0.00	18.09 -0.22 0.00	23.07 -0.43 0.00	21.24 -0.34 0.00	22.85 -0.25 0.00	26.14 -0.16 0.00	31.71 -0.26 0.00	34.14 -0.86 0.00	34.48 -0.80 0.00	32.19 -0.75 0.00	34.67 -1.07 0.00	34.62 -1.22 0.00	38.56 -1.13 0.00	43.63 -1.13 0.00	42.36 -1.09 0.00	37.32 -0.89 0.00	39.87 -0.68 0.00	42.43 -0.98 0.00	39.36 -0.86 0.00	37.26 -0.96 0.00	35.45 -0.97 0.00	30.44 -0.81 0.00	36.18 -0.84 0.00	29.55 -0.67 0.00

NEPA___ENERGY 23901	15.54 -0.42 0.00	18.08 -0.22 0.00	23.05 -0.45 0.00	21.24 -0.34 0.00	22.97 -0.13 0.00	26.16 -0.14 0.00	31.68 -0.30 0.00	33.90 -1.10 0.00	34.44 -0.84 0.00	32.49 -0.44 0.00	35.07 -0.67 0.00	34.98 -0.86 0.00	39.06 -0.64 0.00	44.03 -0.73 0.00	42.58 -0.87 0.00	37.51 -0.69 0.00	40.12 -0.43 0.00	42.48 -0.92 0.00	39.42 -0.80 0.00	37.17 -1.06 0.00	35.37 -1.05 0.00	30.39 -0.86 0.00	36.07 -0.95 0.00	29.35 -0.87 0.00
NEVERSINK___HYD 23608	16.72 0.76 0.00	19.07 0.77 0.00	24.38 0.87 0.00	22.39 0.81 0.00	24.05 0.95 0.00	27.48 1.18 0.00	33.56 1.58 0.00	36.89 1.88 0.00	37.03 1.75 0.00	35.03 2.09 0.00	38.09 2.35 0.00	38.15 2.32 0.00	41.53 1.84 0.00	46.94 2.18 0.00	45.60 2.15 0.00	40.16 1.95 0.00	42.69 2.14 0.00	45.84 2.44 0.00	42.50 2.28 0.00	40.33 2.10 0.00	38.40 1.97 0.00	32.89 1.64 0.00	38.90 1.88 0.00	31.56 1.34 0.00
NEWKRMKL_115KV_TB1 55635	16.24 0.28 0.00	18.64 0.34 0.00	23.98 0.48 0.00	22.00 0.42 0.00	23.46 0.36 0.00	26.79 0.49 0.00	32.55 0.58 0.00	35.74 0.74 0.00	35.88 0.60 0.00	33.48 0.55 0.00	36.40 0.65 0.00	36.51 0.67 0.00	40.38 0.69 0.00	45.55 0.79 0.00	44.25 0.79 0.00	38.92 0.71 0.00	41.28 0.72 0.00	44.33 0.93 0.00	41.09 0.87 0.00	39.07 0.84 0.00	37.21 0.78 0.00	31.95 0.71 0.00	37.76 0.75 0.00	30.74 0.52 0.00
NEWTON___FALLS_HYD 23847	15.17 -0.79 0.00	17.39 -0.91 0.00	22.48 -1.03 0.00	20.64 -0.95 0.00	22.17 -0.92 0.00	25.82 -0.48 0.00	31.95 -0.03 0.00	35.15 0.15 0.00	36.56 1.27 0.00	34.49 1.55 0.00	37.37 1.63 0.00	37.45 1.61 0.00	41.69 1.99 0.00	46.77 2.01 0.00	45.31 1.86 0.00	39.24 1.03 0.00	41.55 0.99 0.00	44.17 0.76 0.00	40.85 0.63 0.00	38.96 0.73 0.00	37.30 0.87 0.00	32.07 0.82 0.00	37.95 0.93 0.00	30.65 0.42 0.00
NGRID_A1_DSASP 323792	15.00 -0.96 0.00	17.38 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.04 -1.05 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.31 -2.70 0.00	32.74 -2.54 0.00	30.65 -2.14 0.15	30.27 -2.57 2.91	32.94 -2.90 0.00	36.84 -2.85 0.00	40.12 -3.28 1.36	38.02 -3.35 2.08	34.51 -2.90 0.80	37.25 -2.84 0.47	39.75 -3.53 0.12	37.00 -3.21 0.00	34.98 -3.24 0.00	33.33 -3.09 0.00	28.74 -2.51 0.00	34.41 -2.61 0.00	28.18 -2.05 0.00
NGRID_A2_DSASP 323793	15.00 -0.96 0.00	17.38 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.04 -1.05 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.31 -2.70 0.00	32.74 -2.54 0.00	30.65 -2.14 0.15	30.27 -2.57 2.91	32.94 -2.90 0.00	36.84 -2.85 0.00	40.12 -3.28 1.36	38.02 -3.35 2.08	34.51 -2.90 0.80	37.25 -2.84 0.47	39.75 -3.53 0.12	37.00 -3.21 0.00	34.98 -3.24 0.00	33.33 -3.09 0.00	28.74 -2.51 0.00	34.41 -2.61 0.00	28.18 -2.05 0.00
NGRID_A4_DSASP 323807	15.00 -0.96 0.00	17.38 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.04 -1.05 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.31 -2.70 0.00	32.74 -2.54 0.00	30.65 -2.14 0.15	30.27 -2.57 2.91	32.94 -2.90 0.00	36.84 -2.85 0.00	40.12 -3.28 1.36	38.02 -3.35 2.08	34.51 -2.90 0.80	37.25 -2.84 0.47	39.75 -3.53 0.12	37.00 -3.21 0.00	34.98 -3.24 0.00	33.33 -3.09 0.00	28.74 -2.51 0.00	34.41 -2.61 0.00	28.18 -2.05 0.00
NIAGARA_115E_LBMP 323715	14.94 -1.01 0.00	17.32 -0.98 0.00	22.08 -1.43 0.00	20.38 -1.20 0.00	22.00 -1.09 0.00	25.15 -1.16 0.00	30.25 -1.73 0.00	32.28 -2.73 0.00	32.74 -2.54 0.00	30.61 -2.17 0.14	30.22 -2.67 2.86	32.88 -2.95 0.00	36.78 -2.91 0.00	40.01 -3.41 1.34	37.97 -3.44 2.05	34.48 -2.95 0.78	37.24 -2.85 0.46	39.73 -3.55 0.12	37.01 -3.21 0.00	34.97 -3.26 0.00	33.31 -3.12 0.00	28.71 -2.53 0.00	34.37 -2.64 0.00	28.12 -2.11 0.00
NIAGARA_115W_LBMP 323714	14.97 -0.99 0.00	17.34 -0.97 0.00	22.09 -1.42 0.00	20.37 -1.21 0.00	21.99 -1.10 0.00	25.11 -1.19 0.00	30.21 -1.77 0.00	32.23 -2.77 0.00	32.67 -2.62 0.00	30.58 -2.20 0.15	30.20 -2.64 2.91	32.86 -2.97 0.00	36.76 -2.93 0.00	40.03 -3.37 1.36	37.94 -3.43 2.08	34.43 -2.98 0.80	37.16 -2.92 0.47	39.66 -3.62 0.12	36.92 -3.30 0.00	34.91 -3.32 0.00	33.26 -3.17 0.00	28.67 -2.57 0.00	34.34 -2.67 0.00	28.12 -2.10 0.00
NIAGARA_230_LBMP 323716	15.10 -0.86 0.00	17.49 -0.81 0.00	22.28 -1.23 0.00	20.55 -1.03 0.00	22.18 -0.92 0.00	25.30 -1.01 0.00	30.48 -1.49 0.00	32.55 -2.45 0.00	32.99 -2.29 0.00	30.86 -1.93 0.15	30.52 -2.33 2.90	33.22 -2.62 0.00	37.14 -2.55 0.00	40.45 -2.96 1.36	38.36 -3.01 2.08	34.80 -2.61 0.79	37.57 -2.52 0.47	40.10 -3.18 0.12	37.36 -2.86 0.00	35.31 -2.92 0.00	33.64 -2.79 0.00	28.98 -2.27 0.00	34.66 -2.35 0.00	28.36 -1.86 0.00
NIAGARA___115KV_198_GIBSON 55903	14.97 -0.99 0.00	17.34 -0.97 0.00	22.09 -1.42 0.00	20.37 -1.21 0.00	21.99 -1.11 0.00	25.11 -1.19 0.00	30.21 -1.77 0.00	32.23 -2.77 0.00	32.67 -2.61 0.00	30.73 -2.20 0.00	33.10 -2.65 0.00	32.86 -2.97 0.00	36.76 -2.93 0.00	41.42 -3.34 0.00	40.02 -3.43 0.00	35.23 -2.98 0.00	37.63 -2.93 0.00	39.78 -3.62 0.00	36.92 -3.30 0.00	34.92 -3.31 0.00	33.26 -3.16 0.00	28.69 -2.56 0.00	34.34 -2.67 0.00	28.12 -2.10 0.00
NIAGARA___ 23760	15.10 -0.86 0.00	17.49 -0.81 0.00	22.28 -1.23 0.00	20.55 -1.03 0.00	22.18 -0.92 0.00	25.30 -1.01 0.00	30.48 -1.49 0.00	32.55 -2.45 0.00	32.99 -2.29 0.00	30.86 -1.93 0.15	30.53 -2.33 2.89	33.22 -2.62 0.00	37.14 -2.55 0.00	40.45 -2.96 1.35	38.37 -3.01 2.07	34.81 -2.61 0.79	37.57 -2.52 0.47	40.10 -3.18 0.12	37.36 -2.86 0.00	35.31 -2.92 0.00	33.64 -2.79 0.00	28.98 -2.27 0.00	34.66 -2.35 0.00	28.36 -1.86 0.00
NINE_MILE_1 23575	15.54 -0.41 0.00	17.85 -0.45 0.00	22.90 -0.61 0.00	21.04 -0.55 0.00	22.49 -0.60 0.00	25.54 -0.77 0.00	30.95 -1.03 0.00	33.82 -1.18 0.00	34.09 -1.19 0.00	31.82 -1.12 0.00	34.51 -1.23 0.00	34.59 -1.25 0.00	38.34 -1.35 0.00	43.24 -1.52 0.00	41.97 -1.48 0.00	36.91 -1.29 0.00	39.22 -1.33 0.00	41.95 -1.45 0.00	38.89 -1.32 0.00	36.93 -1.30 0.00	35.18 -1.24 0.00	30.17 -1.07 0.00	35.79 -1.23 0.00	29.37 -0.85 0.00
NINE_MILE_2 23744	15.54 -0.41 0.00	17.85 -0.45 0.00	22.90 -0.60 0.00	21.04 -0.55 0.00	22.49 -0.60 0.00	25.54 -0.77 0.00	30.95 -1.03 0.00	33.82 -1.18 0.00	34.09 -1.19 0.00	31.82 -1.12 0.00	34.51 -1.23 0.00	34.59 -1.25 0.00	38.34 -1.35 0.00	43.24 -1.52 0.00	41.97 -1.48 0.00	36.91 -1.29 0.00	39.22 -1.33 0.00	41.96 -1.45 0.00	38.89 -1.32 0.00	36.93 -1.29 0.00	35.18 -1.24 0.00	30.17 -1.07 0.00	35.79 -1.23 0.00	29.38 -0.85 0.00
NM_CAPITAL___DRP 24208	16.32 0.36 0.00	18.74 0.43 0.00	24.08 0.58 0.00	22.09 0.51 0.00	23.58 0.49 0.00	26.93 0.63 0.00	32.70 0.73 0.00	35.91 0.91 0.00	36.06 0.78 0.00	33.64 0.71 0.00	36.57 0.82 0.00	36.68 0.84 0.00	40.57 0.87 0.00	45.76 0.99 0.00	44.45 1.00 0.00	39.08 0.88 0.00	41.45 0.89 0.00	44.46 1.05 0.00	41.15 0.93 0.00	39.14 0.92 0.00	37.30 0.87 0.00	32.03 0.78 0.00	37.86 0.85 0.00	30.84 0.61 0.00

NM_CENTRAL___DRP 24181	15.84 -0.12 0.00	18.20 -0.10 0.00	23.36 -0.15 0.00	21.46 -0.12 0.00	22.97 -0.12 0.00	26.11 -0.20 0.00	31.73 -0.25 0.00	34.65 -0.35 0.00	34.89 -0.38 0.00	32.57 -0.37 0.00	35.35 -0.40 0.00	35.42 -0.42 0.00	39.26 -0.43 0.00	44.29 -0.48 0.00	42.99 -0.46 0.00	37.80 -0.41 0.00	40.17 -0.38 0.00	42.96 -0.45 0.00	39.82 -0.40 0.00	37.79 -0.43 0.00	36.03 -0.40 0.00	30.89 -0.36 0.00	36.59 -0.43 0.00	29.95 -0.27 0.00
NM_FRONTIER___DRP 24179	14.97 -0.99 0.00	17.34 -0.97 0.00	22.09 -1.42 0.00	20.37 -1.21 0.00	21.99 -1.11 0.00	25.11 -1.19 0.00	30.21 -1.77 0.00	32.23 -2.77 0.00	32.67 -2.61 0.00	30.73 -2.20 0.00	33.10 -2.65 0.00	32.86 -2.97 0.00	36.76 -2.93 0.00	41.42 -3.34 0.00	40.02 -3.43 0.00	35.23 -2.98 0.00	37.63 -2.93 0.00	39.78 -3.62 0.00	36.92 -3.30 0.00	34.92 -3.31 0.00	33.26 -3.16 0.00	28.69 -2.56 0.00	34.34 -2.67 0.00	28.12 -2.10 0.00
NM_ST_REGIS___HYD 24053	14.74 -1.22 0.00	16.82 -1.49 0.00	21.54 -1.97 0.00	19.84 -1.74 0.00	21.36 -1.74 0.00	25.03 -1.27 0.00	31.01 -0.96 0.00	34.17 -0.83 0.00	36.26 0.97 0.00	34.39 1.46 0.00	37.07 1.32 0.00	37.14 1.31 0.00	41.51 1.82 0.00	46.50 1.74 0.00	45.02 1.57 0.00	38.88 0.68 0.00	41.05 0.50 0.00	43.40 0.00 0.00	39.94 -0.28 0.00	38.30 0.07 0.00	36.82 0.39 0.00	31.62 0.38 0.00	37.59 0.58 0.00	30.23 0.00 0.00
NORTHPORT___1 23551	21.14 1.46 -3.72	19.83 1.53 0.00	25.23 1.72 0.00	22.97 1.38 0.00	24.97 1.87 0.00	28.37 2.07 0.00	34.31 2.33 0.00	37.25 2.25 0.00	37.13 1.85 0.00	34.67 1.74 0.00	38.14 2.39 0.00	38.77 2.79 -0.14	41.96 2.27 0.00	47.08 2.32 0.00	43.20 2.29 2.54	40.60 2.39 0.00	42.90 2.35 0.01	43.21 2.60 2.79	44.10 2.68 -1.20	25.19 2.53 15.55	38.72 2.30 0.01	31.66 1.80 1.38	-1.94 2.08 41.03	32.08 1.86 0.00
NORTHPORT___2 23552	21.14 1.46 -3.72	19.83 1.53 0.00	25.23 1.72 0.00	22.97 1.38 0.00	24.97 1.87 0.00	28.37 2.07 0.00	34.31 2.33 0.00	37.25 2.25 0.00	37.13 1.85 0.00	34.67 1.74 0.00	38.14 2.39 0.00	38.77 2.79 -0.14	41.96 2.27 0.00	47.08 2.32 0.00	44.98 2.29 0.76	40.60 2.39 0.00	42.90 2.35 0.01	43.81 2.60 2.19	44.20 2.68 -1.30	36.10 2.53 4.65	38.72 2.30 0.01	32.63 1.80 0.42	26.85 2.08 12.25	32.08 1.86 0.00
NORTHPORT___3 23553	21.00 1.31 -3.74	19.68 1.38 0.00	25.03 1.52 0.00	22.80 1.22 0.00	24.74 1.65 0.00	28.13 1.83 0.00	33.97 2.00 0.00	36.95 1.95 0.00	36.85 1.57 0.00	34.42 1.49 0.00	37.85 2.11 0.00	38.43 2.45 -0.14	41.58 1.89 0.00	46.72 1.96 0.00	45.39 1.94 0.00	40.21 2.01 0.00	42.57 2.01 0.01	43.73 2.27 1.95	43.90 2.34 -1.34	40.42 2.20 0.01	38.41 1.99 0.01	32.80 1.56 0.01	38.86 1.84 0.00	31.85 1.63 0.00
NORTHPORT___4 23650	21.00 1.31 -3.74	19.68 1.38 0.00	25.03 1.52 0.00	22.80 1.22 0.00	24.74 1.65 0.00	28.13 1.83 0.00	33.97 2.00 0.00	36.95 1.95 0.00	36.85 1.57 0.00	34.42 1.49 0.00	37.85 2.11 0.00	38.43 2.45 -0.14	41.58 1.89 0.00	46.72 1.96 0.00	45.39 1.94 0.00	40.21 2.01 0.00	42.57 2.01 0.01	43.73 2.27 1.95	43.90 2.34 -1.34	40.42 2.20 0.01	38.41 1.99 0.01	32.80 1.56 0.01	38.86 1.84 0.00	31.85 1.63 0.00
NORTHPORT___IC 23718	21.14 1.46 -3.72	19.83 1.53 0.00	25.23 1.72 0.00	22.97 1.38 0.00	24.97 1.87 0.00	28.37 2.07 0.00	34.31 2.33 0.00	37.25 2.25 0.00	37.13 1.85 0.00	34.67 1.74 0.00	38.14 2.39 0.00	38.76 2.78 -0.14	41.96 2.27 0.00	47.09 2.32 0.00	43.20 2.29 2.54	40.60 2.39 0.00	42.90 2.35 0.01	43.21 2.60 2.79	44.11 2.68 -1.20	25.19 2.52 15.55	38.72 2.30 0.01	31.66 1.80 1.38	-1.93 2.08 41.03	32.08 1.86 0.00
NORTH___COUNTRY_ESR 323785	14.37 -1.59 0.00	16.35 -1.95 0.00	20.89 -2.62 0.00	19.31 -2.27 0.00	20.85 -2.24 0.00	24.51 -1.79 0.00	30.26 -1.72 0.00	33.32 -1.69 0.00	35.58 0.30 0.00	33.79 0.85 0.00	36.41 0.66 0.00	36.50 0.67 0.00	40.76 1.07 0.00	45.65 0.89 0.00	44.26 0.81 0.00	38.19 -0.02 0.00	40.04 -0.51 0.00	42.16 -1.24 0.00	38.70 -1.52 0.00	37.27 -0.96 0.00	35.90 -0.53 0.00	30.87 -0.38 0.00	36.79 -0.23 0.00	29.61 -0.62 0.00
NPX_GEN_1385_PROXY 323591	21.35 1.67 -3.72	19.95 1.64 0.00	25.56 2.05 0.00	23.22 1.64 0.00	25.41 2.31 0.00	28.80 2.50 0.00	48.60 3.29 -13.34	37.99 2.99 0.00	38.02 2.74 0.00	35.16 2.22 0.00	38.63 2.88 0.00	39.54 3.56 -0.14	43.11 3.42 0.00	47.88 3.12 0.00	43.63 2.72 2.54	43.01 3.50 -1.31	43.41 2.86 0.01	43.73 3.12 2.79	44.58 3.16 -1.20	25.63 2.96 15.55	39.28 2.86 0.01	32.00 2.13 1.38	-1.73 1.97 40.72	31.80 1.76 0.19
NPX_GEN_CSC 323557	21.04 1.34 -3.75	19.82 1.52 0.00	25.13 1.63 0.00	22.57 0.99 0.00	24.81 1.71 0.00	28.09 1.79 0.00	34.44 2.46 0.00	37.49 2.49 0.00	36.56 1.28 0.00	11.07 1.06 22.93	28.70 1.61 8.66	38.74 2.74 -0.16	41.84 2.15 0.00	47.11 2.35 0.00	45.79 2.34 0.00	40.63 2.43 0.00	43.10 2.55 0.01	44.43 2.85 1.82	44.69 2.90 -1.57	41.12 2.89 0.01	39.00 2.58 0.01	32.97 1.73 0.01	39.37 2.05 -0.31	31.79 1.75 0.19
NSINS_S___GLNS_FALLS 23858	17.07 1.11 0.00	19.56 1.26 0.00	25.08 1.58 0.00	23.03 1.45 0.00	24.72 1.62 0.00	28.42 2.12 0.00	34.66 2.69 0.00	38.02 3.01 0.00	38.33 3.05 0.00	35.74 2.81 0.00	38.77 3.03 0.00	38.77 2.93 0.00	42.91 3.22 0.00	48.19 3.43 0.00	46.83 3.38 0.00	41.24 3.03 0.00	43.65 3.10 0.00	46.87 3.47 0.00	43.36 3.13 0.00	41.28 3.06 0.00	39.30 2.87 0.00	33.74 2.49 0.00	39.85 2.84 0.00	32.32 2.09 0.00
NUCOR_STEEL___DRP 24197	15.98 0.02 0.00	18.38 0.07 0.00	23.57 0.06 0.00	21.68 0.10 0.00	23.24 0.14 0.00	26.40 0.10 0.00	32.15 0.18 0.00	35.08 0.08 0.00	35.31 0.02 0.00	32.91 -0.03 0.00	35.70 -0.05 0.00	35.78 -0.06 0.00	39.67 -0.02 0.00	44.77 0.01 0.00	43.47 0.02 0.00	38.24 0.03 0.00	40.70 0.14 0.00	43.54 0.14 0.00	40.38 0.16 0.00	38.30 0.08 0.00	36.45 0.03 0.00	31.23 -0.02 0.00	36.99 -0.03 0.00	30.22 0.00 0.00
NUMBER_THREE_WT_PWR 323818	15.52 -0.44 0.00	17.91 -0.40 0.00	23.31 -0.19 0.00	21.38 -0.21 0.00	23.02 -0.07 0.00	26.70 0.40 0.00	32.99 1.01 0.00	36.23 1.23 0.00	36.99 1.70 0.00	34.67 1.74 0.00	37.59 1.85 0.00	37.68 1.85 0.00	41.83 2.14 0.00	47.02 2.26 0.00	45.60 2.15 0.00	39.79 1.58 0.00	42.20 1.64 0.00	45.03 1.63 0.00	41.79 1.57 0.00	39.69 1.47 0.00	37.83 1.41 0.00	32.45 1.20 0.00	38.28 1.26 0.00	31.03 0.81 0.00
NYISO_LBMP_REFERENCE 24008	15.96 0.00 0.00	18.30 0.00 0.00	23.51 0.00 0.00	21.58 0.00 0.00	23.09 0.00 0.00	26.30 0.00 0.00	31.98 0.00 0.00	35.00 0.00 0.00	35.28 0.00 0.00	32.94 0.00 0.00	35.75 0.00 0.00	35.84 0.00 0.00	39.69 0.00 0.00	44.76 0.00 0.00	43.45 0.00 0.00	38.21 0.00 0.00	40.56 0.00 0.00	43.40 0.00 0.00	40.22 0.00 0.00	38.23 0.00 0.00	36.43 0.00 0.00	31.25 0.00 0.00	37.02 0.00 0.00	30.23 0.00 0.00

NYPA_BRENTWD____GT 24164	21.30 1.57 -3.78	19.96 1.66 0.00	25.37 1.86 0.00	23.09 1.50 0.00	25.10 2.00 0.00	28.56 2.26 0.00	34.62 2.64 0.00	37.67 2.66 0.00	37.53 2.25 0.00	35.08 2.15 0.00	38.54 2.79 0.00	39.19 3.17 -0.17	42.41 2.73 0.00	47.68 2.92 0.00	46.34 2.89 0.00	41.08 2.87 0.00	43.38 2.82 0.01	44.85 3.12 1.68	45.22 3.16 -1.84	41.19 2.97 0.01	39.25 2.83 0.01	33.46 2.21 0.01	39.56 2.55 0.00	32.40 2.18 0.00
NYPA_GOWANUS____GT5 24156	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
NYPA_GOWANUS____GT6 24157	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.07 1.77 0.00	34.19 2.22 0.00	37.65 2.65 0.00	37.62 2.34 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.36 2.67 0.00	47.83 3.06 0.00	46.53 3.08 0.00	40.96 2.75 0.00	43.42 2.86 0.00	46.59 3.19 0.00	43.27 3.04 0.00	41.14 2.92 0.00	39.16 2.74 0.00	33.53 2.29 0.00	39.73 2.71 0.00	32.24 2.01 0.00
NYPA_HARLEM__RVR__GT1 24160	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.13 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.47 2.47 0.00	37.45 2.16 0.00	34.96 2.02 0.00	38.00 2.25 0.00	38.25 2.41 0.00	42.13 2.44 0.00	47.57 2.81 0.00	46.29 2.84 0.00	40.78 2.57 0.00	43.19 2.63 0.00	46.37 2.97 0.00	43.03 2.82 0.00	40.89 2.67 0.00	38.88 2.45 0.00	33.29 2.04 0.00	39.40 2.39 0.00	32.00 1.78 0.00
NYPA_HARLEM__RVR__GT2 24161	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.13 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.47 2.47 0.00	37.45 2.16 0.00	34.96 2.02 0.00	38.00 2.25 0.00	38.25 2.41 0.00	42.13 2.44 0.00	47.57 2.81 0.00	46.29 2.84 0.00	40.78 2.57 0.00	43.19 2.63 0.00	46.37 2.97 0.00	43.03 2.82 0.00	40.89 2.67 0.00	38.88 2.45 0.00	33.29 2.04 0.00	39.40 2.39 0.00	32.00 1.78 0.00
NYPA_KENT____GT 24152	17.12 1.16 0.00	19.50 1.20 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.50 1.41 0.00	28.05 1.76 0.00	34.18 2.20 0.00	37.62 2.62 0.00	37.61 2.33 0.00	35.11 2.18 0.00	38.18 2.43 0.00	38.39 2.55 0.00	42.35 2.66 0.00	47.81 3.05 0.00	46.52 3.06 0.00	40.94 2.73 0.00	43.39 2.84 0.00	46.55 3.15 0.00	43.21 2.99 0.00	41.11 2.88 0.00	39.13 2.71 0.00	33.50 2.26 0.00	39.69 2.68 0.00	32.22 2.00 0.00
NYPA_POUCH1____GT 24155	17.10 1.14 0.00	19.48 1.18 0.00	24.81 1.30 0.00	22.76 1.18 0.00	24.48 1.38 0.00	28.04 1.74 0.00	34.16 2.18 0.00	37.61 2.61 0.00	37.56 2.28 0.00	35.03 2.10 0.00	38.08 2.33 0.00	38.32 2.48 0.00	42.25 2.56 0.00	47.70 2.94 0.00	46.41 2.96 0.00	40.85 2.65 0.00	43.29 2.74 0.00	46.47 3.07 0.00	43.16 2.94 0.00	41.06 2.83 0.00	39.09 2.66 0.00	33.48 2.23 0.00	39.66 2.65 0.00	32.18 1.96 0.00
NYPA_VERNON____GT2 24162	17.11 1.15 0.00	19.49 1.19 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.49 1.40 0.00	28.04 1.74 0.00	34.14 2.17 0.00	37.58 2.58 0.00	37.59 2.31 0.00	35.10 2.16 0.00	38.16 2.42 0.00	38.39 2.55 0.00	42.32 2.63 0.00	47.77 3.00 0.00	46.48 3.03 0.00	40.93 2.72 0.00	43.38 2.82 0.00	46.52 3.12 0.00	43.18 2.96 0.00	41.05 2.83 0.00	39.08 2.66 0.00	33.45 2.20 0.00	39.64 2.63 0.00	32.19 1.96 0.00
NYPA_VERNON____GT3 24163	17.11 1.15 0.00	19.49 1.19 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.49 1.40 0.00	28.04 1.74 0.00	34.14 2.17 0.00	37.58 2.58 0.00	37.59 2.31 0.00	35.10 2.16 0.00	38.16 2.42 0.00	38.39 2.55 0.00	42.32 2.63 0.00	47.77 3.00 0.00	46.48 3.03 0.00	40.93 2.72 0.00	43.38 2.82 0.00	46.52 3.12 0.00	43.18 2.96 0.00	41.05 2.83 0.00	39.08 2.66 0.00	33.45 2.20 0.00	39.64 2.63 0.00	32.19 1.96 0.00
NYPA__ASTORIA_CC1 323568	17.09 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.46 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.24 0.00	35.03 2.09 0.00	38.08 2.34 0.00	38.30 2.46 0.00	42.23 2.54 0.00	47.65 2.89 0.00	46.38 2.93 0.00	40.85 2.64 0.00	43.28 2.73 0.00	46.42 3.02 0.00	43.08 2.86 0.00	40.97 2.75 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.57 2.56 0.00	32.14 1.91 0.00
NYPA__ASTORIA_CC2 323569	17.09 1.13 0.00	19.46 1.16 0.00	24.79 1.28 0.00	22.74 1.16 0.00	24.46 1.36 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.51 0.00	37.52 2.24 0.00	35.03 2.09 0.00	38.08 2.34 0.00	38.30 2.46 0.00	42.23 2.54 0.00	47.65 2.89 0.00	46.38 2.93 0.00	40.85 2.64 0.00	43.28 2.73 0.00	46.42 3.02 0.00	43.08 2.86 0.00	40.97 2.75 0.00	39.00 2.58 0.00	33.38 2.13 0.00	39.57 2.56 0.00	32.14 1.91 0.00
NYPA__HOLTSVILL 23794	21.11 1.41 -3.74	19.81 1.51 0.00	25.16 1.65 0.00	22.84 1.26 0.00	24.86 1.77 0.00	28.27 1.97 0.00	34.32 2.34 0.00	37.36 2.36 0.00	37.08 1.80 0.00	34.65 1.72 0.00	38.07 2.32 0.00	38.80 2.80 -0.16	41.96 2.27 0.00	47.20 2.44 0.00	45.87 2.42 0.00	40.68 2.47 0.00	43.10 2.55 0.01	44.38 2.80 1.83	44.63 2.86 -1.55	40.95 2.73 0.01	38.90 2.47 0.01	33.12 1.88 0.01	39.18 2.17 0.00	32.12 1.90 0.00
NYPA__HELLGATE_GT1 24158	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.13 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.47 2.47 0.00	37.45 2.16 0.00	34.96 2.02 0.00	38.00 2.25 0.00	38.25 2.41 0.00	42.13 2.44 0.00	47.57 2.81 0.00	46.29 2.84 0.00	40.78 2.57 0.00	43.19 2.63 0.00	46.37 2.97 0.00	43.03 2.82 0.00	40.89 2.67 0.00	38.88 2.45 0.00	33.29 2.04 0.00	39.40 2.39 0.00	32.00 1.78 0.00
NYPA__HELLGATE_GT2 24159	17.06 1.10 0.00	19.43 1.13 0.00	24.75 1.24 0.00	22.72 1.13 0.00	24.42 1.32 0.00	27.95 1.65 0.00	34.00 2.02 0.00	37.47 2.47 0.00	37.45 2.16 0.00	34.96 2.02 0.00	38.00 2.25 0.00	38.25 2.41 0.00	42.13 2.44 0.00	47.57 2.81 0.00	46.29 2.84 0.00	40.78 2.57 0.00	43.19 2.63 0.00	46.37 2.97 0.00	43.03 2.82 0.00	40.89 2.67 0.00	38.88 2.45 0.00	33.29 2.04 0.00	39.40 2.39 0.00	32.00 1.78 0.00
NYS_BARGE__HYD 23848	15.22 -0.74 0.00	17.64 -0.66 0.00	22.48 -1.03 0.00	20.75 -0.84 0.00	22.41 -0.69 0.00	25.59 -0.71 0.00	30.86 -1.12 0.00	32.96 -2.04 0.00	33.40 -1.88 0.00	31.21 -1.59 0.13	31.10 -2.04 2.60	33.51 -2.33 0.00	37.47 -2.23 0.00	40.97 -2.58 1.22	38.97 -2.62 1.86	35.28 -2.21 0.71	38.07 -2.07 0.42	40.58 -2.71 0.11	37.84 -2.38 0.00	35.78 -2.44 0.00	34.08 -2.35 0.00	29.34 -1.91 0.00	35.06 -1.96 0.00	28.65 -1.57 0.00

OAK ORCHARD___HYD 24046	15.55 -0.41 0.00	17.93 -0.37 0.00	22.91 -0.60 0.00	21.09 -0.50 0.00	22.68 -0.42 0.00	25.86 -0.44 0.00	31.34 -0.63 0.00	33.88 -1.13 0.00	34.21 -1.07 0.00	31.90 -0.96 0.07	33.05 -1.22 1.48	34.49 -1.35 0.00	38.41 -1.28 0.00	42.68 -1.38 0.69	41.05 -1.34 1.06	36.67 -1.13 0.41	39.34 -0.98 0.24	42.05 -1.29 0.06	39.05 -1.17 0.00	36.98 -1.24 0.00	35.20 -1.22 0.00	30.21 -1.04 0.00	35.91 -1.11 0.00	29.35 -0.87 0.00
OAKDALE___35_KV_LOAD 356122	16.11 0.15 0.00	18.52 0.21 0.00	23.72 0.21 0.00	21.88 0.30 0.00	23.47 0.37 0.00	26.66 0.36 0.00	32.58 0.60 0.00	35.49 0.49 0.00	35.72 0.44 0.00	33.28 0.35 0.00	36.14 0.39 0.00	36.26 0.42 0.00	40.16 0.47 0.00	45.29 0.53 0.00	43.92 0.47 0.00	38.65 0.44 0.00	41.08 0.53 0.00	43.97 0.57 0.00	40.82 0.61 0.00	38.74 0.52 0.00	36.88 0.45 0.00	31.61 0.36 0.00	37.44 0.43 0.00	30.43 0.21 0.00
OCC_CHEM___DRP 24175	15.00 -0.96 0.00	17.37 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.03 -1.06 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.30 -2.70 0.00	32.74 -2.54 0.00	30.80 -2.13 0.00	33.17 -2.58 0.00	32.94 -2.90 0.00	36.84 -2.85 0.00	41.50 -3.26 0.00	40.10 -3.35 0.00	35.31 -2.90 0.00	37.71 -2.85 0.00	39.87 -3.53 0.00	37.00 -3.21 0.00	35.00 -3.23 0.00	33.34 -3.09 0.00	28.75 -2.49 0.00	34.41 -2.60 0.00	28.18 -2.05 0.00
OH_GEN_PROXY 24063	15.14 -0.82 0.00	17.54 -0.77 0.00	22.33 -1.18 0.00	20.60 -0.98 0.00	22.23 -0.86 0.00	25.34 -0.96 0.00	30.57 -1.41 0.00	32.69 -2.32 0.00	33.11 -2.17 0.00	30.94 -1.83 0.16	30.30 -2.21 3.23	33.36 -2.48 0.00	37.29 -2.40 0.00	40.46 -2.79 1.51	38.28 -2.86 2.31	34.84 -2.48 0.88	37.64 -2.39 0.52	40.25 -3.01 0.14	37.51 -2.71 0.00	35.46 -2.77 0.00	33.78 -2.64 0.00	29.10 -2.15 0.00	35.09 -2.23 -0.31	28.23 -1.81 0.18
OLIN_CORP_DRP 24177	14.97 -0.98 0.00	17.36 -0.95 0.00	22.12 -1.38 0.00	20.42 -1.16 0.00	22.04 -1.05 0.00	25.18 -1.11 0.00	30.32 -1.66 0.00	32.35 -2.65 0.00	32.81 -2.47 0.00	30.84 -2.10 0.00	33.16 -2.59 0.00	32.97 -2.87 0.00	36.87 -2.82 0.00	41.48 -3.28 0.00	40.10 -3.35 0.00	35.35 -2.86 0.00	37.80 -2.76 0.00	39.96 -3.45 0.00	37.10 -3.12 0.00	35.06 -3.17 0.00	33.40 -3.03 0.00	28.80 -2.45 0.00	34.44 -2.58 0.00	28.18 -2.05 0.00
OLIN_CORP_DSASP 323712	15.00 -0.96 0.00	17.38 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.04 -1.05 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.31 -2.70 0.00	32.74 -2.54 0.00	30.65 -2.14 0.15	30.27 -2.57 2.91	32.94 -2.90 0.00	36.84 -2.85 0.00	40.12 -3.28 1.36	38.02 -3.35 2.08	34.51 -2.90 0.80	37.25 -2.84 0.47	39.75 -3.53 0.12	37.00 -3.21 0.00	34.98 -3.24 0.00	33.33 -3.09 0.00	28.74 -2.51 0.00	34.41 -2.61 0.00	28.18 -2.05 0.00
ONEIDA_HERK_LFGE 323681	15.99 0.03 0.00	18.37 0.06 0.00	23.73 0.22 0.00	21.80 0.21 0.00	23.39 0.29 0.00	26.89 0.59 0.00	32.98 1.00 0.00	36.14 1.14 0.00	36.69 1.41 0.00	34.30 1.37 0.00	37.20 1.45 0.00	37.31 1.47 0.00	41.34 1.65 0.00	46.56 1.80 0.00	45.20 1.75 0.00	39.61 1.41 0.00	42.08 1.52 0.00	44.93 1.53 0.00	41.65 1.43 0.00	39.54 1.32 0.00	37.68 1.25 0.00	32.30 1.25 0.00	38.15 1.05 0.00	31.01 1.13 0.00
ONEIDA___115KV_TB4 55905	16.24 0.29 0.00	18.66 0.35 0.00	24.01 0.51 0.00	22.10 0.52 0.00	23.70 0.61 0.00	27.11 0.81 0.00	33.16 1.19 0.00	36.28 1.28 0.00	36.68 1.40 0.00	34.22 1.28 0.00	37.10 1.36 0.00	37.21 1.37 0.00	41.24 1.55 0.00	46.49 1.73 0.00	45.15 1.70 0.00	39.69 1.49 0.00	42.19 1.64 0.00	44.98 1.57 0.00	41.68 1.46 0.00	39.55 1.33 0.00	37.64 1.21 0.00	32.25 1.01 0.00	38.12 1.10 0.00	31.04 0.81 0.00
ONONDAGA_REF_OCCRA 23987	15.93 -0.02 0.00	18.31 0.01 0.00	23.50 -0.01 0.00	21.60 0.01 0.00	23.13 0.03 0.00	26.28 -0.02 0.00	31.99 0.01 0.00	34.93 -0.07 0.00	35.18 -0.10 0.00	32.82 -0.11 0.00	35.62 -0.12 0.00	35.70 -0.14 0.00	39.58 -0.11 0.00	44.65 -0.11 0.00	43.33 -0.12 0.00	38.12 -0.09 0.00	40.53 -0.03 0.00	43.35 -0.05 0.00	40.19 -0.02 0.00	38.15 -0.08 0.00	36.35 -0.08 0.00	31.14 -0.10 0.00	36.89 -0.13 0.00	30.16 -0.06 0.00
ONONDAGA___COGEN 23986	15.91 -0.04 0.00	18.29 -0.02 0.00	23.46 -0.04 0.00	21.56 -0.02 0.00	23.09 -0.01 0.00	26.23 -0.07 0.00	31.91 -0.07 0.00	34.84 -0.16 0.00	35.08 -0.21 0.00	32.72 -0.22 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.46 -0.24 0.00	44.52 -0.24 0.00	43.23 -0.22 0.00	38.02 -0.19 0.00	40.44 -0.12 0.00	43.27 -0.14 0.00	40.09 -0.12 0.00	38.06 -0.17 0.00	36.24 -0.18 0.00	31.06 -0.18 0.00	36.81 -0.21 0.00	30.11 -0.11 0.00
ONTARIO___LFGE 23819	15.86 -0.10 0.00	18.34 0.04 0.00	23.50 0.00 0.00	21.71 0.13 0.00	23.32 0.23 0.00	26.52 0.22 0.00	32.51 0.53 0.00	35.18 0.18 0.00	35.46 0.17 0.00	33.09 0.16 0.00	35.65 -0.10 0.00	35.79 -0.05 0.00	39.72 0.03 0.00	44.86 0.10 0.00	43.69 0.24 0.00	38.37 0.16 0.00	40.87 0.32 0.00	43.62 0.22 0.00	40.49 0.27 0.00	38.32 0.09 0.00	36.53 0.10 0.00	31.17 -0.08 0.00	36.85 -0.17 0.00	29.97 -0.26 0.00
ORANGEVILLE_WT_PWR 323706	15.17 -0.79 0.00	17.89 -0.41 0.00	22.95 -0.56 0.00	21.23 -0.35 0.00	22.87 -0.22 0.00	26.02 -0.28 0.00	31.65 -0.33 0.00	33.91 -1.09 0.00	34.24 -1.04 0.00	31.87 -1.00 0.07	33.19 -1.24 1.32	34.46 -1.38 0.00	38.44 -1.25 0.00	42.80 -1.35 0.62	41.23 -1.28 0.94	36.79 -1.06 0.36	39.48 -0.87 0.21	42.00 -1.35 0.06	39.06 -1.17 0.00	36.78 -1.45 0.00	34.93 -1.50 0.00	29.91 -1.34 0.00	35.30 -1.71 0.00	28.75 -1.48 0.00
ORANGEVILLE___ESR 323794	15.17 -0.79 0.00	17.89 -0.41 0.00	22.95 -0.56 0.00	21.23 -0.35 0.00	22.87 -0.22 0.00	26.02 -0.28 0.00	31.65 -0.33 0.00	33.91 -1.09 0.00	34.24 -1.04 0.00	31.87 -1.00 0.07	33.19 -1.24 1.32	34.46 -1.38 0.00	38.44 -1.25 0.00	42.80 -1.35 0.62	41.23 -1.28 0.94	36.79 -1.06 0.36	39.48 -0.87 0.21	42.00 -1.35 0.06	39.06 -1.17 0.00	36.78 -1.45 0.00	34.93 -1.50 0.00	29.91 -1.34 0.00	35.30 -1.71 0.00	28.75 -1.48 0.00
OSWEGATCHIE___HYD 24044	15.17 -0.79 0.00	17.39 -0.91 0.00	22.48 -1.03 0.00	20.64 -0.95 0.00	22.17 -0.93 0.00	25.82 -0.48 0.00	31.95 -0.02 0.00	35.15 0.15 0.00	36.56 1.27 0.00	34.49 1.55 0.00	37.37 1.63 0.00	37.45 1.61 0.00	41.68 1.99 0.00	46.77 2.01 0.00	45.30 1.85 0.00	39.24 1.03 0.00	41.55 0.99 0.00	44.17 0.76 0.00	40.85 0.63 0.00	38.96 0.73 0.00	37.30 0.87 0.00	32.07 0.82 0.00	37.95 0.93 0.00	30.65 0.42 0.00
OSWEGO___5 23606	15.67 -0.29 0.00	18.00 -0.30 0.00	23.08 -0.42 0.00	21.22 -0.37 0.00	22.70 -0.40 0.00	25.78 -0.52 0.00	31.30 -0.68 0.00	34.18 -0.82 0.00	34.44 -0.84 0.00	32.15 -0.79 0.00	34.87 -0.87 0.00	34.95 -0.88 0.00	38.74 -0.94 0.00	43.70 -1.06 0.00	42.42 -1.03 0.00	37.31 -0.90 0.00	39.65 -0.90 0.00	42.41 -0.99 0.00	39.31 -0.91 0.00	37.33 -0.90 0.00	35.55 -0.87 0.00	30.50 -0.75 0.00	36.16 -0.86 0.00	29.62 -0.61 0.00

OSWEGO___6 23613	15.67 -0.29 0.00	18.00 -0.30 0.00	23.08 -0.42 0.00	21.22 -0.37 0.00	22.70 -0.40 0.00	25.78 -0.52 0.00	31.30 -0.68 0.00	34.18 -0.82 0.00	34.44 -0.84 0.00	32.15 -0.79 0.00	34.87 -0.87 0.00	34.95 -0.88 0.00	38.74 -0.94 0.00	43.70 -1.06 0.00	42.42 -1.03 0.00	37.31 -0.90 0.00	39.65 -0.90 0.00	42.41 -0.99 0.00	39.31 -0.91 0.00	37.33 -0.90 0.00	35.55 -0.87 0.00	30.50 -0.75 0.00	36.16 -0.86 0.00	29.62 -0.61 0.00
OUTOKUMPU-AB___DRP 24206	15.38 -0.58 0.00	17.85 -0.46 0.00	22.72 -0.79 0.00	20.96 -0.62 0.00	22.62 -0.47 0.00	25.84 -0.46 0.00	31.17 -0.80 0.00	33.27 -1.73 0.00	33.69 -1.60 0.00	31.66 -1.28 0.00	34.10 -1.65 0.00	33.90 -1.93 0.00	37.90 -1.79 0.00	42.75 -2.01 0.00	41.28 -2.17 0.00	36.40 -1.81 0.00	38.86 -1.70 0.00	41.10 -2.30 0.00	38.19 -2.03 0.00	36.14 -2.09 0.00	34.46 -1.96 0.00	29.66 -1.58 0.00	35.44 -1.58 0.00	28.94 -1.29 0.00
OXBOW___BTM 323836	15.22 -0.74 0.00	17.65 -0.66 0.00	22.46 -1.04 0.00	20.73 -0.86 0.00	22.38 -0.72 0.00	25.56 -0.74 0.00	30.80 -1.18 0.00	32.87 -2.14 0.00	33.30 -1.98 0.00	31.16 -1.63 0.15	30.83 -2.01 2.91	33.50 -2.34 0.00	37.46 -2.23 0.00	40.85 -2.55 1.36	38.72 -2.65 2.08	35.15 -2.26 0.80	37.92 -2.16 0.47	40.48 -2.80 0.12	37.70 -2.52 0.00	35.65 -2.58 0.00	33.97 -2.45 0.00	29.26 -1.99 0.00	35.01 -2.01 0.00	28.62 -1.61 0.00
OXBOW____ 24026	15.22 -0.74 0.00	17.64 -0.66 0.00	22.46 -1.04 0.00	20.73 -0.86 0.00	22.37 -0.73 0.00	25.56 -0.74 0.00	30.79 -1.18 0.00	32.86 -2.14 0.00	33.30 -1.98 0.00	31.31 -1.63 0.00	33.72 -2.03 0.00	33.50 -2.33 0.00	37.47 -2.22 0.00	42.23 -2.53 0.00	40.80 -2.65 0.00	35.94 -2.27 0.00	38.39 -2.17 0.00	40.61 -2.79 0.00	37.69 -2.53 0.00	35.66 -2.56 0.00	33.98 -2.44 0.00	29.28 -1.97 0.00	35.00 -2.01 0.00	28.62 -1.61 0.00
OXY_CHEM_DSASP 323612	15.00 -0.96 0.00	17.37 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.03 -1.06 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.30 -2.70 0.00	32.74 -2.54 0.00	30.80 -2.13 0.00	33.17 -2.58 0.00	32.94 -2.90 0.00	36.84 -2.85 0.00	41.50 -3.26 0.00	40.10 -3.35 0.00	35.31 -2.90 0.00	37.71 -2.85 0.00	39.87 -3.53 0.00	37.00 -3.21 0.00	35.00 -3.23 0.00	33.34 -3.09 0.00	28.75 -2.49 0.00	34.41 -2.60 0.00	28.18 -2.05 0.00
OZONE_PARK_ESR 323760	17.24 1.28 0.00	19.64 1.34 0.00	25.02 1.51 0.00	22.95 1.37 0.00	24.68 1.59 0.00	28.25 1.95 0.00	34.42 2.45 0.00	37.88 2.87 0.00	37.90 2.61 0.00	35.37 2.43 0.00	38.49 2.74 0.00	38.70 2.86 0.00	42.67 2.98 0.00	48.17 3.41 0.00	46.88 3.43 0.00	41.26 3.06 0.00	43.76 3.21 0.00	46.97 3.57 0.00	43.58 3.35 0.00	41.39 3.16 0.00	39.41 2.99 0.00	33.75 2.50 0.00	39.95 2.94 0.00	32.40 2.18 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.00 -0.96 0.00	17.37 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.03 -1.06 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.30 -2.70 0.00	32.74 -2.54 0.00	30.80 -2.13 0.00	33.17 -2.58 0.00	32.94 -2.90 0.00	36.84 -2.85 0.00	41.50 -3.26 0.00	40.10 -3.35 0.00	35.31 -2.90 0.00	37.71 -2.85 0.00	39.87 -3.53 0.00	37.00 -3.21 0.00	35.00 -3.23 0.00	33.34 -3.09 0.00	28.75 -2.49 0.00	34.41 -2.60 0.00	28.18 -2.05 0.00
PACKARD__115KV_DUPONT_184 80571	15.00 -0.96 0.00	17.37 -0.93 0.00	22.13 -1.38 0.00	20.41 -1.17 0.00	22.03 -1.06 0.00	25.16 -1.14 0.00	30.28 -1.70 0.00	32.30 -2.70 0.00	32.74 -2.54 0.00	30.80 -2.13 0.00	33.17 -2.58 0.00	32.94 -2.90 0.00	36.84 -2.85 0.00	41.50 -3.26 0.00	40.10 -3.35 0.00	35.31 -2.90 0.00	37.71 -2.85 0.00	39.87 -3.53 0.00	37.00 -3.21 0.00	35.00 -3.23 0.00	33.34 -3.09 0.00	28.75 -2.49 0.00	34.41 -2.60 0.00	28.18 -2.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.05 1.09 0.00	19.41 1.11 0.00	24.72 1.21 0.00	22.68 1.09 0.00	24.37 1.28 0.00	27.90 1.60 0.00	34.01 2.04 0.00	37.51 2.51 0.00	37.50 2.22 0.00	35.01 2.08 0.00	38.05 2.31 0.00	38.29 2.45 0.00	42.19 2.50 0.00	47.62 2.87 0.00	46.36 2.91 0.00	40.83 2.63 0.00	43.24 2.69 0.00	46.43 3.03 0.00	43.09 2.87 0.00	40.95 2.72 0.00	38.96 2.54 0.00	33.36 2.12 0.00	39.49 2.48 0.00	32.07 1.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.07 1.11 0.00	19.41 1.11 0.00	24.72 1.21 0.00	22.73 1.15 0.00	24.43 1.33 0.00	27.98 1.68 0.00	34.13 2.15 0.00	37.55 2.55 0.00	37.61 2.33 0.00	35.11 2.18 0.00	38.17 2.43 0.00	38.39 2.55 0.00	42.32 2.63 0.00	47.75 2.99 0.00	46.45 3.00 0.00	40.86 2.66 0.00	43.32 2.76 0.00	46.55 3.15 0.00	43.19 2.97 0.00	41.03 2.80 0.00	39.05 2.63 0.00	33.45 2.20 0.00	39.60 2.58 0.00	32.13 1.90 0.00
PATROON__115KV_TB1 80586	16.28 0.32 0.00	18.68 0.38 0.00	24.04 0.53 0.00	22.05 0.47 0.00	23.52 0.43 0.00	26.86 0.56 0.00	32.64 0.66 0.00	35.84 0.84 0.00	35.99 0.71 0.00	33.56 0.63 0.00	36.49 0.74 0.00	36.61 0.77 0.00	40.49 0.80 0.00	45.68 0.92 0.00	44.37 0.92 0.00	39.02 0.82 0.00	41.39 0.84 0.00	44.48 1.08 0.00	41.23 1.02 0.00	39.21 0.99 0.00	37.35 0.93 0.00	32.06 0.81 0.00	37.89 0.88 0.00	30.85 0.62 0.00
PATTRSNVILLE___SOLAR 323815	16.55 0.59 0.00	18.97 0.67 0.00	24.36 0.85 0.00	22.37 0.78 0.00	23.95 0.86 0.00	27.33 1.03 0.00	33.34 1.36 0.00	36.56 1.55 0.00	36.82 1.53 0.00	34.34 1.41 0.00	37.24 1.49 0.00	37.32 1.49 0.00	41.33 1.63 0.00	46.63 1.87 0.00	45.30 1.85 0.00	39.85 1.64 0.00	42.30 1.75 0.00	45.30 1.90 0.00	41.96 1.75 0.00	39.87 1.65 0.00	37.97 1.55 0.00	32.56 1.31 0.00	38.51 1.50 0.00	31.37 1.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.91 -0.05 0.00	18.46 0.15 0.00	23.50 0.00 0.00	21.72 0.14 0.00	23.45 0.36 0.00	26.65 0.35 0.00	32.26 0.29 0.00	34.55 -0.45 0.00	34.98 -0.30 0.00	32.83 -0.11 0.00	35.53 -0.21 0.00	35.43 -0.41 0.00	39.57 -0.12 0.00	44.63 -0.13 0.00	43.10 -0.35 0.00	37.94 -0.27 0.00	40.53 -0.03 0.00	42.90 -0.50 0.00	39.85 -0.37 0.00	37.51 -0.71 0.00	35.70 -0.72 0.00	30.73 -0.52 0.00	36.60 -0.42 0.00	29.80 -0.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.05 1.09 0.00	19.46 1.16 0.00	24.82 1.32 0.00	22.79 1.21 0.00	24.49 1.39 0.00	28.03 1.73 0.00	34.20 2.23 0.00	37.60 2.60 0.00	37.68 2.40 0.00	35.14 2.21 0.00	38.25 2.50 0.00	38.42 2.58 0.00	42.38 2.69 0.00	47.82 3.06 0.00	46.51 3.06 0.00	40.96 2.75 0.00	43.50 2.95 0.00	46.71 3.31 0.00	43.32 3.09 0.00	41.13 2.91 0.00	39.16 2.74 0.00	33.54 2.29 0.00	39.68 2.67 0.00	32.18 1.95 0.00
PEEKSKILL____ 23653	16.94 0.99 0.00	19.33 1.02 0.00	24.63 1.13 0.00	22.62 1.03 0.00	24.32 1.23 0.00	27.82 1.53 0.00	33.91 1.93 0.00	37.26 2.25 0.00	37.25 1.97 0.00	34.72 1.79 0.00	37.78 2.03 0.00	37.97 2.13 0.00	41.88 2.19 0.00	47.27 2.51 0.00	45.97 2.52 0.00	40.47 2.26 0.00	42.97 2.42 0.00	46.15 2.75 0.00	42.82 2.60 0.00	40.66 2.43 0.00	38.73 2.31 0.00	33.18 1.93 0.00	39.29 2.27 0.00	31.88 1.66 0.00

PGE MADISON___WINDPWR 24146	16.94 0.98 0.00	19.39 1.09 0.00	24.83 1.33 0.00	22.93 1.35 0.00	24.85 1.75 0.00	28.58 2.28 0.00	35.19 3.21 0.00	38.49 3.48 0.00	38.77 3.49 0.00	36.24 3.26 -0.04	40.02 3.47 -0.81	39.32 3.49 0.00	43.70 4.01 0.00	49.68 4.54 -0.38	48.37 4.33 -0.58	42.27 3.84 -0.22	44.99 4.30 -0.13	48.07 4.63 -0.04	44.58 4.36 0.00	42.25 4.02 0.00	40.05 3.63 0.00	34.17 2.92 0.00	40.29 3.27 0.00	32.49 2.26 0.00
PIERCEFIELD___HYD 23852	14.78 -1.18 0.00	16.87 -1.43 0.00	21.62 -1.88 0.00	19.90 -1.69 0.00	21.40 -1.70 0.00	25.06 -1.24 0.00	31.05 -0.93 0.00	34.20 -0.80 0.00	36.23 0.95 0.00	34.37 1.44 0.00	37.05 1.31 0.00	37.11 1.27 0.00	41.48 1.79 0.00	46.47 1.71 0.00	44.98 1.54 0.00	38.86 0.65 0.00	41.09 0.53 0.00	43.48 0.08 0.00	40.04 -0.18 0.00	38.36 0.13 0.00	36.85 0.43 0.00	31.65 0.40 0.00	37.61 0.60 0.00	30.26 0.04 0.00
PINELAWN_CC_1 323563	21.35 1.48 -3.92	19.87 1.56 0.00	25.26 1.75 0.00	23.02 1.43 0.00	24.97 1.88 0.00	28.44 2.14 0.00	34.24 2.27 0.00	37.27 2.27 0.00	37.12 1.84 0.00	34.72 1.79 0.00	38.13 2.37 -0.02	38.77 2.67 -0.25	41.90 2.21 0.00	47.14 2.38 0.00	45.82 2.37 0.00	40.54 2.34 0.00	42.82 2.26 0.00	45.00 2.55 0.95	46.03 2.59 -3.21	40.67 2.45 0.00	38.82 2.40 0.00	33.40 2.15 0.00	39.49 2.47 0.00	32.29 2.07 0.00
PJM_GEN_HTP_PROXY 323702	17.08 1.12 0.00	19.47 1.17 0.00	24.80 1.30 0.00	22.91 1.18 -0.14	25.47 1.37 -0.99	27.77 1.71 0.24	33.41 2.12 0.69	37.48 2.48 0.00	37.52 2.23 0.00	35.00 2.06 0.00	38.09 2.34 0.00	38.29 2.45 0.00	42.22 2.53 0.00	47.67 2.91 0.00	45.69 2.93 0.70	40.82 2.61 0.00	43.29 2.74 0.00	46.46 3.05 0.00	43.09 2.87 0.00	40.93 2.71 0.00	38.97 2.55 0.00	33.37 2.13 0.00	39.66 2.51 -0.13	29.72 1.85 2.35
PJM_GEN_KEystone 24065	16.31 0.35 0.00	18.79 0.42 -0.06	23.31 0.31 0.51	22.13 0.40 -0.14	24.67 0.59 -0.99	26.70 0.64 0.24	34.97 0.82 -2.18	35.40 0.63 0.23	35.71 0.43 0.00	33.11 0.36 0.18	32.53 0.44 3.66	36.31 0.48 0.00	40.23 0.53 0.00	43.68 0.63 1.71	40.70 0.56 3.31	37.66 0.46 1.00	40.60 0.63 0.59	49.47 0.63 -5.43	40.92 0.70 0.00	38.77 0.55 0.00	36.95 0.52 0.00	31.74 0.49 0.00	37.87 0.73 -0.13	26.27 0.37 4.33
PJM_GEN_NEPTUNE_PROXY 323594	20.95 1.36 -3.63	19.74 1.43 0.00	25.11 1.60 0.00	23.06 1.34 -0.14	25.82 1.73 -1.00	28.04 1.98 0.24	33.51 2.22 0.69	37.35 2.35 0.00	37.27 1.98 0.00	34.85 1.92 0.00	38.13 2.39 0.00	38.53 2.60 -0.09	41.89 2.21 0.00	47.18 2.42 0.00	45.18 2.43 0.70	40.57 2.37 0.00	43.00 2.45 0.01	43.71 2.72 2.41	43.44 2.77 -0.45	40.82 2.60 0.01	38.76 2.34 0.01	33.14 1.90 0.01	39.32 2.18 -0.13	29.67 1.80 2.35
PJM_GEN_VFT_PROXY 323633	17.07 1.11 0.00	19.45 1.15 0.00	24.77 1.26 0.00	22.89 1.16 -0.14	25.45 1.36 -0.99	27.74 1.68 0.24	33.38 2.10 0.69	37.47 2.47 0.00	37.46 2.17 0.00	34.93 1.99 0.00	38.00 2.25 0.00	38.21 2.37 0.00	42.15 2.46 0.00	47.59 2.83 0.00	45.63 2.87 0.70	40.76 2.56 0.00	43.23 2.67 0.00	46.40 3.00 0.00	43.05 2.83 0.00	40.90 2.67 0.00	38.95 2.52 0.00	33.36 2.11 0.00	39.66 2.51 -0.13	29.73 1.86 2.35
PLATSBURG_115KV_PMLD1 355749	14.50 -1.45 0.00	16.50 -1.80 0.00	21.11 -2.40 0.00	19.52 -2.06 0.00	21.09 -2.00 0.00	24.79 -1.51 0.00	30.59 -1.39 0.00	33.66 -1.34 0.00	35.93 0.64 0.00	34.10 1.17 0.00	36.80 1.05 0.00	36.91 1.07 0.00	41.16 1.47 0.00	46.11 1.34 0.00	44.78 1.33 0.00	38.65 0.44 0.00	40.23 -0.33 0.00	42.45 -0.95 0.00	39.05 -1.17 0.00	37.66 -0.56 0.00	36.30 -0.13 0.00	31.22 -0.02 0.00	37.32 0.30 0.00	30.05 -0.17 0.00
PLEASANTVLY___LBMP 24000	16.80 0.84 0.00	19.18 0.87 0.00	24.50 0.99 0.00	22.49 0.90 0.00	24.14 1.04 0.00	27.60 1.30 0.00	33.61 1.64 0.00	36.94 1.93 0.00	37.01 1.73 0.00	34.53 1.60 0.00	37.57 1.82 0.00	37.73 1.89 0.00	41.62 1.92 0.00	46.97 2.21 0.00	45.67 2.22 0.00	40.20 1.99 0.00	42.65 2.10 0.00	45.77 2.37 0.00	42.43 2.21 0.00	40.32 2.10 0.00	38.41 1.98 0.00	32.93 1.68 0.00	38.99 1.97 0.00	31.67 1.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.00 1.04 0.00	19.39 1.08 0.00	24.72 1.22 0.00	22.70 1.11 0.00	24.39 1.30 0.00	27.90 1.60 0.00	33.99 2.01 0.00	37.33 2.33 0.00	37.37 2.09 0.00	34.85 1.92 0.00	37.94 2.19 0.00	38.12 2.28 0.00	42.04 2.35 0.00	47.44 2.68 0.00	46.15 2.70 0.00	40.63 2.42 0.00	43.12 2.57 0.00	46.29 2.88 0.00	42.93 2.72 0.00	40.80 2.57 0.00	38.84 2.42 0.00	33.28 2.02 0.00	39.39 2.37 0.00	31.97 1.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.00 1.04 0.00	19.39 1.08 0.00	24.72 1.22 0.00	22.70 1.11 0.00	24.39 1.30 0.00	27.90 1.60 0.00	33.99 2.01 0.00	37.33 2.33 0.00	37.37 2.09 0.00	34.85 1.92 0.00	37.94 2.19 0.00	38.12 2.28 0.00	42.04 2.35 0.00	47.44 2.68 0.00	46.15 2.70 0.00	40.63 2.42 0.00	43.12 2.57 0.00	46.29 2.88 0.00	42.93 2.72 0.00	40.80 2.57 0.00	38.84 2.42 0.00	33.28 2.02 0.00	39.39 2.37 0.00	31.97 1.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.86 0.90 0.00	19.24 0.94 0.00	24.58 1.07 0.00	22.57 0.99 0.00	24.23 1.14 0.00	27.70 1.40 0.00	33.79 1.81 0.00	37.16 2.16 0.00	37.28 2.00 0.00	34.79 1.86 0.00	37.86 2.11 0.00	38.00 2.16 0.00	41.93 2.24 0.00	47.31 2.55 0.00	46.01 2.56 0.00	40.51 2.30 0.00	43.00 2.45 0.00	46.17 2.77 0.00	42.81 2.59 0.00	40.66 2.44 0.00	38.70 2.28 0.00	33.17 1.93 0.00	39.25 2.23 0.00	31.86 1.63 0.00
POLETTI___ 23519	17.08 1.12 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.77 1.19 0.00	24.48 1.39 0.00	28.00 1.70 0.00	34.01 2.04 0.00	37.39 2.39 0.00	37.41 2.12 0.00	34.91 1.97 0.00	37.98 2.23 0.00	38.19 2.35 0.00	42.11 2.42 0.00	47.56 2.80 0.00	46.37 2.92 0.00	40.78 2.58 0.00	43.16 2.61 0.00	46.32 2.92 0.00	42.97 2.76 0.00	40.81 2.59 0.00	38.86 2.44 0.00	33.28 2.03 0.00	39.40 2.39 0.00	31.98 1.76 0.00
POMONA___ESR 323819	16.95 0.99 0.00	19.33 1.03 0.00	24.63 1.13 0.00	22.62 1.04 0.00	24.33 1.24 0.00	27.84 1.54 0.00	33.95 1.97 0.00	37.30 2.30 0.00	37.26 1.97 0.00	34.71 1.78 0.00	37.77 2.02 0.00	37.96 2.12 0.00	41.86 2.17 0.00	47.27 2.51 0.00	45.97 2.51 0.00	40.47 2.26 0.00	43.00 2.45 0.00	46.18 2.78 0.00	42.86 2.64 0.00	40.69 2.46 0.00	38.77 2.34 0.00	33.22 1.98 0.00	39.34 2.33 0.00	31.90 1.67 0.00
PORT_JEFF_3 23555	21.16 1.46 -3.75	19.87 1.56 0.00	25.23 1.72 0.00	22.90 1.31 0.00	24.93 1.84 0.00	28.35 2.05 0.00	34.44 2.46 0.00	37.50 2.50 0.00	37.21 1.93 0.00	34.76 1.83 0.00	38.19 2.44 0.00	38.95 2.95 -0.16	42.13 2.44 0.00	47.40 2.63 0.00	46.07 2.62 0.00	40.87 2.66 0.00	43.30 2.75 0.01	44.61 3.02 1.82	44.88 3.08 -1.58	41.14 2.92 0.01	39.07 2.66 0.01	33.25 2.01 0.01	39.32 2.31 0.00	32.22 2.00 0.00

PORT_JEFF_4 23616	21.16 1.46 -3.75	19.87 1.56 0.00	25.23 1.72 0.00	22.90 1.31 0.00	24.93 1.84 0.00	28.35 2.05 0.00	34.44 2.46 0.00	37.50 2.50 0.00	37.21 1.93 0.00	34.76 1.83 0.00	38.19 2.44 0.00	38.95 2.95 -0.16	42.13 2.44 0.00	47.40 2.63 0.00	46.07 2.62 0.00	40.87 2.66 0.00	43.30 2.75 0.01	44.61 3.02 1.82	44.88 3.08 -1.58	41.14 2.92 0.01	39.07 2.66 0.01	33.25 2.01 0.01	39.32 2.31 0.00	32.22 2.00 0.00
PORT_JEFF_IC 23713	21.17 1.46 -3.75	19.87 1.56 0.00	25.23 1.72 0.00	22.88 1.30 0.00	24.93 1.84 0.00	28.35 2.04 0.00	34.45 2.47 0.00	37.51 2.51 0.00	37.19 1.91 0.00	34.74 1.80 0.00	38.17 2.42 0.00	38.95 2.95 -0.16	42.13 2.45 0.00	47.41 2.64 0.00	46.08 2.62 0.00	40.87 2.66 0.00	43.31 2.76 0.01	44.67 3.06 1.79	44.95 3.10 -1.63	41.17 2.95 0.01	39.10 2.68 0.01	33.26 2.01 0.01	39.33 2.31 0.00	32.23 2.00 0.00
PPL PILGRIM_ST_GT1 24216	21.30 1.57 -3.78	19.96 1.66 0.00	25.37 1.86 0.00	23.09 1.50 0.00	25.10 2.00 0.00	28.56 2.26 0.00	34.62 2.64 0.00	37.67 2.66 0.00	37.53 2.25 0.00	35.08 2.15 0.00	38.54 2.79 0.00	39.19 3.17 -0.17	42.41 2.73 0.00	47.68 2.92 0.00	46.34 2.89 0.00	41.08 2.87 0.00	43.38 2.82 0.01	44.85 3.12 1.68	45.22 3.16 -1.84	41.19 2.97 0.01	39.25 2.83 0.01	33.46 2.21 0.01	39.56 2.55 0.00	32.40 2.18 0.00
PPL PILGRIM_ST_GT2 24217	21.30 1.57 -3.78	19.96 1.66 0.00	25.37 1.86 0.00	23.09 1.50 0.00	25.10 2.00 0.00	28.56 2.26 0.00	34.62 2.64 0.00	37.67 2.66 0.00	37.53 2.25 0.00	35.08 2.15 0.00	38.54 2.79 0.00	39.19 3.17 -0.17	42.41 2.73 0.00	47.68 2.92 0.00	46.34 2.89 0.00	41.08 2.87 0.00	43.38 2.82 0.01	44.85 3.12 1.68	45.22 3.16 -1.84	41.19 2.97 0.01	39.25 2.83 0.01	33.46 2.21 0.01	39.56 2.55 0.00	32.40 2.18 0.00
PPL_SHRM_GT3 24213	21.05 1.35 -3.75	19.82 1.52 0.00	25.13 1.63 0.00	22.59 1.01 0.00	24.82 1.72 0.00	28.10 1.80 0.00	34.43 2.45 0.00	37.49 2.49 0.00	36.61 1.33 0.00	20.45 1.13 13.61	32.29 1.68 5.14	38.75 2.76 -0.16	41.85 2.16 0.00	47.12 2.36 0.00	45.81 2.35 0.00	40.65 2.45 0.00	43.11 2.56 0.01	44.46 2.86 1.81	44.73 2.91 -1.60	41.12 2.90 0.01	39.01 2.59 0.01	32.99 1.75 0.01	39.09 2.08 0.00	32.00 1.77 0.00
PPL_SHRM_GT4 24214	21.05 1.35 -3.75	19.82 1.52 0.00	25.13 1.63 0.00	22.59 1.01 0.00	24.82 1.72 0.00	28.10 1.80 0.00	34.43 2.45 0.00	37.49 2.49 0.00	36.61 1.33 0.00	20.45 1.13 13.61	32.29 1.68 5.14	38.75 2.76 -0.16	41.85 2.16 0.00	47.12 2.36 0.00	45.81 2.35 0.00	40.65 2.45 0.00	43.11 2.56 0.01	44.46 2.86 1.81	44.73 2.91 -1.60	41.12 2.90 0.01	39.01 2.59 0.01	32.99 1.75 0.01	39.09 2.08 0.00	32.00 1.77 0.00
PROJECT___ORANGE 1 24174	15.85 -0.11 0.00	18.21 -0.09 0.00	23.36 -0.14 0.00	21.47 -0.11 0.00	22.99 -0.10 0.00	26.12 -0.18 0.00	31.74 -0.24 0.00	34.66 -0.35 0.00	34.90 -0.38 0.00	32.57 -0.36 0.00	35.36 -0.39 0.00	35.43 -0.40 0.00	39.27 -0.42 0.00	44.31 -0.45 0.00	42.99 -0.46 0.00	37.81 -0.39 0.00	40.19 -0.36 0.00	42.98 -0.42 0.00	39.84 -0.38 0.00	37.81 -0.41 0.00	36.05 -0.37 0.00	30.90 -0.35 0.00	36.60 -0.41 0.00	29.97 -0.26 0.00
PROJECT___ORANGE 2 24166	15.85 -0.11 0.00	18.21 -0.09 0.00	23.36 -0.14 0.00	21.47 -0.11 0.00	22.99 -0.10 0.00	26.12 -0.18 0.00	31.74 -0.24 0.00	34.66 -0.35 0.00	34.90 -0.38 0.00	32.57 -0.36 0.00	35.36 -0.39 0.00	35.43 -0.40 0.00	39.27 -0.42 0.00	44.31 -0.45 0.00	42.99 -0.46 0.00	37.81 -0.39 0.00	40.19 -0.36 0.00	42.98 -0.42 0.00	39.84 -0.38 0.00	37.81 -0.41 0.00	36.05 -0.37 0.00	30.90 -0.35 0.00	36.60 -0.41 0.00	29.97 -0.26 0.00
PUCKETT___SOLAR 323809	16.25 0.29 0.00	18.67 0.37 0.00	23.88 0.37 0.00	22.09 0.51 0.00	23.77 0.68 0.00	27.09 0.79 0.00	33.14 1.16 0.00	36.15 1.15 0.00	36.39 1.11 0.00	34.00 1.01 -0.06	37.90 1.08 -1.08	36.94 1.11 0.00	40.95 1.26 0.00	46.70 1.43 -0.51	45.55 1.33 -0.77	39.69 1.19 -0.30	42.10 1.37 -0.17	44.91 1.46 -0.05	41.65 1.43 0.00	39.52 1.30 0.00	37.58 1.16 0.00	32.17 0.92 0.00	38.07 1.05 0.00	30.82 0.60 0.00
PYRITES___HYD 24023	14.98 -0.98 0.00	17.09 -1.21 0.00	21.88 -1.63 0.00	20.13 -1.45 0.00	21.65 -1.45 0.00	25.37 -0.93 0.00	31.50 -0.48 0.00	34.72 -0.28 0.00	36.82 1.54 0.00	34.98 2.04 0.00	37.62 1.88 0.00	37.67 1.83 0.00	42.14 2.45 0.00	47.21 2.45 0.00	45.72 2.27 0.00	39.52 1.31 0.00	41.84 1.29 0.00	44.24 0.84 0.00	40.73 0.51 0.00	39.01 0.79 0.00	37.49 1.06 0.00	32.15 0.91 0.00	38.19 1.17 0.00	30.69 0.47 0.00
QUAKERRD_115KV_BK1 80622	15.30 -0.66 0.00	17.63 -0.68 0.00	22.54 -0.97 0.00	20.73 -0.85 0.00	22.28 -0.82 0.00	25.39 -0.91 0.00	30.80 -1.17 0.00	33.38 -1.63 0.00	33.69 -1.60 0.00	31.48 -1.45 0.00	34.02 -1.72 0.00	34.02 -1.82 0.00	37.88 -1.81 0.00	42.75 -2.02 0.00	41.49 -1.95 0.00	36.51 -1.70 0.00	38.95 -1.61 0.00	41.48 -1.92 0.00	38.46 -1.76 0.00	36.44 -1.79 0.00	34.68 -1.74 0.00	29.74 -1.50 0.00	35.33 -1.68 0.00	28.89 -1.33 0.00
QUENSBRY_115KV_TB8 356137	17.09 1.13 0.00	19.60 1.30 0.00	25.12 1.61 0.00	23.06 1.48 0.00	24.76 1.67 0.00	28.51 2.21 0.00	34.78 2.80 0.00	38.13 3.13 0.00	38.49 3.21 0.00	35.87 2.94 0.00	38.91 3.17 0.00	38.91 3.07 0.00	43.06 3.37 0.00	48.32 3.56 0.00	46.96 3.51 0.00	41.36 3.16 0.00	43.76 3.21 0.00	47.02 3.62 0.00	43.49 3.27 0.00	41.41 3.19 0.00	39.42 3.00 0.00	33.85 2.60 0.00	39.97 2.95 0.00	32.40 2.17 0.00
RAMAPO___LBMP 323565	16.89 0.93 0.00	19.28 0.97 0.00	24.56 1.06 0.00	22.56 0.97 0.00	24.27 1.17 0.00	27.76 1.46 0.00	33.85 1.87 0.00	37.18 2.18 0.00	37.13 1.85 0.00	34.58 1.64 0.00	37.62 1.87 0.00	37.80 1.97 0.00	41.70 2.01 0.00	47.08 2.32 0.00	45.78 2.34 0.00	40.31 2.10 0.00	42.84 2.28 0.00	46.01 2.61 0.00	42.70 2.48 0.00	40.54 2.31 0.00	38.62 2.20 0.00	33.11 1.86 0.00	39.20 2.19 0.00	31.80 1.58 0.00
RANKINE____ 23646	15.54 -0.42 0.00	18.06 -0.24 0.00	23.02 -0.48 0.00	21.24 -0.34 0.00	22.94 -0.16 0.00	26.14 -0.16 0.00	31.63 -0.35 0.00	33.84 -1.17 0.00	34.30 -0.99 0.00	32.22 -0.72 0.00	34.77 -0.97 0.00	34.65 -1.19 0.00	38.71 -0.99 0.00	43.63 -1.13 0.00	42.19 -1.26 0.00	37.16 -1.05 0.00	39.72 -0.83 0.00	42.02 -1.38 0.00	39.03 -1.19 0.00	36.82 -1.41 0.00	35.04 -1.39 0.00	30.13 -1.12 0.00	35.86 -1.16 0.00	29.24 -0.99 0.00
RAVENSWOOD_GT2_1 24244	17.09 1.13 0.00	19.47 1.17 0.00	24.80 1.30 0.00	22.76 1.18 0.00	24.47 1.38 0.00	28.00 1.70 0.00	34.10 2.12 0.00	37.50 2.49 0.00	37.52 2.23 0.00	35.01 2.08 0.00	38.09 2.35 0.00	38.30 2.46 0.00	42.23 2.54 0.00	47.68 2.92 0.00	46.38 2.93 0.00	40.84 2.63 0.00	43.29 2.74 0.00	46.46 3.05 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.39 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00

RAVENSWOOD_GT2_2 24245	17.09 1.13 0.00	19.47 1.17 0.00	24.80 1.30 0.00	22.76 1.18 0.00	24.47 1.38 0.00	28.00 1.70 0.00	34.10 2.12 0.00	37.50 2.49 0.00	37.52 2.23 0.00	35.01 2.08 0.00	38.09 2.35 0.00	38.30 2.46 0.00	42.23 2.54 0.00	47.68 2.92 0.00	46.38 2.93 0.00	40.84 2.63 0.00	43.29 2.74 0.00	46.46 3.05 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.39 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00
RAVENSWOOD_GT2_3 24246	17.09 1.13 0.00	19.47 1.17 0.00	24.81 1.31 0.00	22.77 1.19 0.00	24.48 1.39 0.00	28.01 1.71 0.00	34.11 2.14 0.00	37.51 2.51 0.00	37.54 2.26 0.00	35.02 2.09 0.00	38.11 2.36 0.00	38.32 2.48 0.00	42.25 2.56 0.00	47.69 2.93 0.00	46.42 2.97 0.00	40.86 2.65 0.00	43.32 2.76 0.00	46.48 3.08 0.00	43.11 2.90 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.17 0.00	39.57 2.56 0.00	32.11 1.89 0.00
RAVENSWOOD_GT2_4 24247	17.09 1.13 0.00	19.47 1.17 0.00	24.81 1.31 0.00	22.77 1.19 0.00	24.48 1.39 0.00	28.01 1.71 0.00	34.11 2.14 0.00	37.51 2.51 0.00	37.54 2.26 0.00	35.02 2.09 0.00	38.11 2.36 0.00	38.32 2.48 0.00	42.25 2.56 0.00	47.69 2.93 0.00	46.42 2.97 0.00	40.86 2.65 0.00	43.32 2.76 0.00	46.48 3.08 0.00	43.11 2.90 0.00	40.97 2.74 0.00	39.01 2.59 0.00	33.41 2.17 0.00	39.57 2.56 0.00	32.11 1.89 0.00
RAVENSWOOD_GT3_1 24248	17.09 1.13 0.00	19.47 1.17 0.00	24.80 1.30 0.00	22.76 1.18 0.00	24.48 1.38 0.00	28.01 1.71 0.00	34.10 2.12 0.00	37.50 2.50 0.00	37.52 2.24 0.00	35.01 2.08 0.00	38.10 2.35 0.00	38.30 2.46 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.39 2.94 0.00	40.84 2.64 0.00	43.29 2.74 0.00	46.46 3.06 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.39 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00
RAVENSWOOD_GT3_2 24249	17.09 1.13 0.00	19.47 1.17 0.00	24.80 1.30 0.00	22.76 1.18 0.00	24.48 1.38 0.00	28.01 1.71 0.00	34.10 2.12 0.00	37.50 2.50 0.00	37.52 2.24 0.00	35.01 2.08 0.00	38.10 2.35 0.00	38.30 2.46 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.39 2.94 0.00	40.84 2.64 0.00	43.29 2.74 0.00	46.46 3.06 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.39 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00
RAVENSWOOD_GT3_3 24250	17.11 1.15 0.00	19.49 1.19 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.51 1.41 0.00	28.04 1.74 0.00	34.15 2.17 0.00	37.55 2.55 0.00	37.58 2.30 0.00	35.07 2.13 0.00	38.16 2.41 0.00	38.36 2.52 0.00	42.30 2.61 0.00	47.76 2.99 0.00	46.47 3.02 0.00	40.91 2.70 0.00	43.37 2.81 0.00	46.54 3.14 0.00	43.18 2.96 0.00	41.02 2.79 0.00	39.06 2.63 0.00	33.45 2.20 0.00	39.61 2.60 0.00	32.14 1.92 0.00
RAVENSWOOD_GT3_4 24251	17.11 1.15 0.00	19.49 1.19 0.00	24.83 1.33 0.00	22.79 1.21 0.00	24.51 1.41 0.00	28.04 1.74 0.00	34.15 2.17 0.00	37.55 2.55 0.00	37.58 2.30 0.00	35.07 2.13 0.00	38.16 2.41 0.00	38.36 2.52 0.00	42.30 2.61 0.00	47.76 2.99 0.00	46.47 3.02 0.00	40.91 2.70 0.00	43.37 2.81 0.00	46.54 3.14 0.00	43.18 2.96 0.00	41.02 2.79 0.00	39.06 2.63 0.00	33.45 2.20 0.00	39.61 2.60 0.00	32.14 1.92 0.00
RAVENSWOOD_GT_1 23729	17.11 1.15 0.00	19.49 1.19 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.49 1.40 0.00	28.04 1.74 0.00	34.14 2.17 0.00	37.58 2.58 0.00	37.59 2.31 0.00	35.10 2.17 0.00	38.17 2.42 0.00	38.39 2.55 0.00	42.32 2.63 0.00	47.77 3.01 0.00	46.48 3.03 0.00	40.93 2.72 0.00	43.38 2.83 0.00	46.53 3.13 0.00	43.18 2.96 0.00	41.05 2.82 0.00	39.08 2.65 0.00	33.45 2.20 0.00	39.64 2.63 0.00	32.19 1.96 0.00
RAVENSWOOD_GT_10 24258	17.09 1.13 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.01 1.71 0.00	34.10 2.12 0.00	37.50 2.50 0.00	37.52 2.24 0.00	35.01 2.08 0.00	38.10 2.35 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.39 2.94 0.00	40.84 2.64 0.00	43.30 2.74 0.00	46.46 3.06 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.40 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00
RAVENSWOOD_GT_11 24259	17.09 1.13 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.01 1.71 0.00	34.10 2.12 0.00	37.50 2.50 0.00	37.52 2.24 0.00	35.01 2.08 0.00	38.10 2.35 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.39 2.94 0.00	40.84 2.64 0.00	43.30 2.74 0.00	46.46 3.06 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.40 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00
RAVENSWOOD_GT_4 24252	17.09 1.13 0.00	19.47 1.17 0.00	24.82 1.31 0.00	22.77 1.19 0.00	24.49 1.39 0.00	28.01 1.71 0.00	34.11 2.13 0.00	37.50 2.50 0.00	37.53 2.24 0.00	35.01 2.08 0.00	38.10 2.36 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.40 2.95 0.00	40.84 2.64 0.00	43.31 2.76 0.00	46.47 3.07 0.00	43.11 2.88 0.00	40.96 2.73 0.00	39.00 2.58 0.00	33.41 2.16 0.00	39.56 2.54 0.00	32.10 1.88 0.00
RAVENSWOOD_GT_5 24254	17.09 1.13 0.00	19.47 1.17 0.00	24.82 1.31 0.00	22.77 1.19 0.00	24.49 1.39 0.00	28.01 1.71 0.00	34.11 2.13 0.00	37.50 2.50 0.00	37.53 2.24 0.00	35.01 2.08 0.00	38.10 2.36 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.40 2.95 0.00	40.84 2.64 0.00	43.31 2.76 0.00	46.47 3.07 0.00	43.11 2.88 0.00	40.96 2.73 0.00	39.00 2.58 0.00	33.41 2.16 0.00	39.56 2.54 0.00	32.10 1.88 0.00
RAVENSWOOD_GT_6 24253	17.09 1.13 0.00	19.47 1.17 0.00	24.82 1.31 0.00	22.77 1.19 0.00	24.49 1.39 0.00	28.01 1.71 0.00	34.11 2.13 0.00	37.50 2.50 0.00	37.53 2.24 0.00	35.01 2.08 0.00	38.10 2.36 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.40 2.95 0.00	40.84 2.64 0.00	43.31 2.76 0.00	46.47 3.07 0.00	43.11 2.88 0.00	40.96 2.73 0.00	39.00 2.58 0.00	33.41 2.16 0.00	39.56 2.54 0.00	32.10 1.88 0.00
RAVENSWOOD_GT_7 24255	17.09 1.13 0.00	19.47 1.17 0.00	24.82 1.31 0.00	22.77 1.19 0.00	24.49 1.39 0.00	28.01 1.71 0.00	34.11 2.13 0.00	37.50 2.50 0.00	37.53 2.24 0.00	35.01 2.08 0.00	38.10 2.36 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.40 2.95 0.00	40.84 2.64 0.00	43.31 2.76 0.00	46.47 3.07 0.00	43.11 2.88 0.00	40.96 2.73 0.00	39.00 2.58 0.00	33.41 2.16 0.00	39.56 2.54 0.00	32.10 1.88 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.09 1.13 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.01 1.71 0.00	34.10 2.12 0.00	37.50 2.50 0.00	37.52 2.24 0.00	35.01 2.08 0.00	38.10 2.35 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.39 2.94 0.00	40.84 2.64 0.00	43.30 2.74 0.00	46.46 3.06 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.40 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00

RAVENSWOOD_GT_9 24257	17.09 1.13 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.77 1.18 0.00	24.48 1.38 0.00	28.01 1.71 0.00	34.10 2.12 0.00	37.50 2.50 0.00	37.52 2.24 0.00	35.01 2.08 0.00	38.10 2.35 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.39 2.94 0.00	40.84 2.64 0.00	43.30 2.74 0.00	46.46 3.06 0.00	43.10 2.88 0.00	40.95 2.72 0.00	38.99 2.57 0.00	33.40 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00
RAVENSWOOD___1 23533	17.09 1.13 0.00	19.46 1.16 0.00	24.78 1.28 0.00	22.74 1.16 0.00	24.45 1.35 0.00	27.99 1.69 0.00	34.07 2.10 0.00	37.51 2.50 0.00	37.53 2.24 0.00	35.02 2.09 0.00	38.08 2.34 0.00	38.30 2.46 0.00	42.23 2.55 0.00	47.67 2.91 0.00	46.38 2.94 0.00	40.85 2.64 0.00	43.29 2.73 0.00	46.44 3.03 0.00	43.09 2.87 0.00	40.97 2.74 0.00	39.00 2.57 0.00	33.38 2.13 0.00	39.56 2.54 0.00	32.11 1.89 0.00
RAVENSWOOD___2 23534	17.09 1.13 0.00	19.46 1.16 0.00	24.78 1.28 0.00	22.74 1.16 0.00	24.45 1.35 0.00	27.99 1.69 0.00	34.07 2.10 0.00	37.51 2.50 0.00	37.53 2.24 0.00	35.02 2.09 0.00	38.08 2.34 0.00	38.30 2.46 0.00	42.23 2.55 0.00	47.67 2.91 0.00	46.38 2.94 0.00	40.85 2.64 0.00	43.29 2.73 0.00	46.44 3.03 0.00	43.09 2.87 0.00	40.97 2.74 0.00	39.00 2.57 0.00	33.38 2.13 0.00	39.56 2.54 0.00	32.11 1.89 0.00
RAVENSWOOD___3 23535	17.09 1.13 0.00	19.47 1.17 0.00	24.81 1.30 0.00	22.76 1.18 0.00	24.48 1.38 0.00	28.01 1.71 0.00	34.10 2.12 0.00	37.50 2.50 0.00	37.52 2.24 0.00	35.01 2.07 0.00	38.09 2.35 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.68 2.92 0.00	46.40 2.95 0.00	40.85 2.64 0.00	43.30 2.74 0.00	46.46 3.06 0.00	43.10 2.88 0.00	40.95 2.73 0.00	39.00 2.58 0.00	33.40 2.15 0.00	39.55 2.53 0.00	32.10 1.88 0.00
RAVENSWOOD___4 23820	17.09 1.13 0.00	19.46 1.16 0.00	24.78 1.28 0.00	22.74 1.16 0.00	24.45 1.35 0.00	27.99 1.69 0.00	34.07 2.10 0.00	37.51 2.50 0.00	37.53 2.24 0.00	35.02 2.09 0.00	38.08 2.34 0.00	38.30 2.46 0.00	42.23 2.55 0.00	47.67 2.91 0.00	46.38 2.94 0.00	40.85 2.64 0.00	43.29 2.73 0.00	46.44 3.03 0.00	43.09 2.87 0.00	40.97 2.74 0.00	39.00 2.57 0.00	33.38 2.13 0.00	39.56 2.54 0.00	32.11 1.89 0.00
RCPI_TRUST___DRP 24196	17.09 1.14 0.00	19.49 1.19 0.00	24.82 1.32 0.00	22.78 1.20 0.00	24.49 1.40 0.00	28.03 1.73 0.00	34.14 2.16 0.00	37.53 2.53 0.00	37.56 2.28 0.00	35.05 2.11 0.00	38.14 2.40 0.00	38.35 2.51 0.00	42.28 2.59 0.00	47.74 2.97 0.00	46.44 2.99 0.00	40.89 2.68 0.00	43.35 2.80 0.00	46.52 3.12 0.00	43.14 2.93 0.00	40.98 2.76 0.00	39.02 2.60 0.00	33.41 2.17 0.00	39.57 2.56 0.00	32.11 1.89 0.00
RED___ROCHESTER 323720	15.64 -0.32 0.00	18.03 -0.27 0.00	23.03 -0.48 0.00	21.20 -0.38 0.00	22.80 -0.29 0.00	26.01 -0.29 0.00	31.54 -0.44 0.00	34.10 -0.90 0.00	34.44 -0.85 0.00	32.11 -0.75 0.07	33.27 -0.99 1.48	34.71 -1.13 0.00	38.67 -1.03 0.00	42.98 -1.08 0.69	41.34 -1.05 1.06	36.93 -0.88 0.41	39.62 -0.69 0.24	42.37 -0.97 0.06	39.36 -0.86 0.00	37.26 -0.96 0.00	35.46 -0.96 0.00	30.42 -0.82 0.00	36.14 -0.87 0.00	29.53 -0.70 0.00
REGAN___SOLAR 323812	16.86 0.90 0.00	19.32 1.02 0.00	24.79 1.28 0.00	22.79 1.21 0.00	24.43 1.34 0.00	27.92 1.62 0.00	34.20 2.22 0.00	37.56 2.55 0.00	37.90 2.62 0.00	35.29 2.36 0.00	38.18 2.44 0.00	38.23 2.39 0.00	42.41 2.72 0.00	47.89 3.13 0.00	46.60 3.15 0.00	40.99 2.78 0.00	43.59 3.04 0.00	46.72 3.31 0.00	43.25 3.03 0.00	41.07 2.84 0.00	39.07 2.64 0.00	33.42 2.17 0.00	39.49 2.47 0.00	32.13 1.91 0.00
RENSSELAER___COGEN 23796	16.23 0.28 0.00	18.63 0.33 0.00	23.97 0.46 0.00	21.99 0.41 0.00	23.46 0.36 0.00	26.77 0.47 0.00	32.52 0.55 0.00	35.71 0.71 0.00	35.88 0.60 0.00	33.46 0.53 0.00	36.38 0.63 0.00	36.48 0.64 0.00	40.35 0.66 0.00	45.51 0.75 0.00	44.19 0.74 0.00	38.87 0.66 0.00	41.23 0.67 0.00	44.21 0.81 0.00	40.94 0.73 0.00	38.94 0.72 0.00	37.10 0.67 0.00	31.86 0.62 0.00	37.67 0.66 0.00	30.68 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	17.73 1.78 0.00	20.33 2.02 0.00	25.98 2.47 0.00	23.86 2.27 0.00	25.73 2.63 0.00	30.08 3.78 0.00	36.78 4.80 0.00	40.23 5.22 0.00	40.77 5.49 0.00	37.92 4.99 0.00	40.97 5.23 0.00	40.87 5.03 0.00	45.11 5.42 0.00	50.28 5.52 0.00	49.07 5.62 0.00	43.33 5.12 0.00	45.53 4.97 0.00	49.18 5.78 0.00	45.35 5.13 0.00	43.30 5.08 0.00	41.22 4.79 0.00	35.37 4.12 0.00	41.66 4.64 0.00	33.67 3.44 0.00
REVERE_CPPR_DRP 24186	16.32 0.37 0.00	18.73 0.42 0.00	24.12 0.61 0.00	22.20 0.62 0.00	23.80 0.70 0.00	27.31 1.01 0.00	33.47 1.50 0.00	36.61 1.61 0.00	37.15 1.87 0.00	34.67 1.73 0.00	37.56 1.82 0.00	37.70 1.86 0.00	41.75 2.06 0.00	47.06 2.30 0.00	45.71 2.26 0.00	40.14 1.93 0.00	42.69 2.14 0.00	45.52 2.12 0.00	42.19 1.97 0.00	40.03 1.81 0.00	38.08 1.66 0.00	32.64 1.40 0.00	38.54 1.53 0.00	31.34 1.11 0.00
REYNOLDS_115KV_TB3 80639	16.39 0.43 0.00	18.81 0.51 0.00	24.17 0.66 0.00	22.18 0.59 0.00	23.70 0.60 0.00	27.06 0.76 0.00	32.84 0.87 0.00	36.06 1.06 0.00	36.21 0.93 0.00	33.79 0.85 0.00	36.72 0.98 0.00	36.83 0.99 0.00	40.74 1.05 0.00	45.93 1.17 0.00	44.61 1.16 0.00	39.22 1.01 0.00	41.58 1.03 0.00	44.59 1.19 0.00	41.29 1.07 0.00	39.27 1.04 0.00	37.42 0.99 0.00	32.16 0.91 0.00	38.02 1.00 0.00	30.96 0.74 0.00
RIVERBAY____ 323610	17.07 1.11 0.00	19.41 1.11 0.00	24.72 1.21 0.00	22.73 1.15 0.00	24.43 1.33 0.00	27.98 1.68 0.00	34.13 2.15 0.00	37.55 2.55 0.00	37.61 2.33 0.00	35.11 2.18 0.00	38.17 2.43 0.00	38.39 2.55 0.00	42.32 2.63 0.00	47.75 2.99 0.00	46.45 3.00 0.00	40.86 2.66 0.00	43.32 2.76 0.00	46.55 3.15 0.00	43.19 2.97 0.00	41.03 2.80 0.00	39.05 2.63 0.00	33.45 2.20 0.00	39.60 2.58 0.00	32.13 1.90 0.00
RIVERSDE_115KV_TB3 55908	16.32 0.36 0.00	18.74 0.43 0.00	24.08 0.58 0.00	22.09 0.51 0.00	23.58 0.49 0.00	26.93 0.63 0.00	32.70 0.73 0.00	35.91 0.91 0.00	36.06 0.78 0.00	33.64 0.71 0.00	36.57 0.82 0.00	36.68 0.84 0.00	40.57 0.87 0.00	45.76 0.99 0.00	44.45 1.00 0.00	39.08 0.88 0.00	41.45 0.89 0.00	44.46 1.05 0.00	41.15 0.93 0.00	39.14 0.92 0.00	37.30 0.87 0.00	32.03 0.78 0.00	37.86 0.85 0.00	30.84 0.61 0.00
ROARING___BROOK_WT_PWR 323790	15.24 -0.72 0.00	17.45 -0.85 0.00	22.43 -1.08 0.00	20.58 -1.01 0.00	22.13 -0.96 0.00	25.54 -0.76 0.00	31.30 -0.67 0.00	34.35 -0.65 0.00	35.36 0.07 0.00	33.22 0.28 0.00	35.94 0.20 0.00	36.02 0.18 0.00	40.02 0.33 0.00	45.03 0.26 0.00	43.66 0.21 0.00	38.13 -0.08 0.00	40.40 -0.16 0.00	43.02 -0.38 0.00	39.77 -0.45 0.00	37.93 -0.30 0.00	36.27 -0.15 0.00	31.14 -0.11 0.00	36.95 -0.07 0.00	30.01 -0.22 0.00

ROCHESRG_115KV_T4 355643	15.49 -0.47 0.00	17.87 -0.43 0.00	22.83 -0.67 0.00	21.01 -0.57 0.00	22.60 -0.50 0.00	25.76 -0.54 0.00	31.22 -0.76 0.00	33.72 -1.28 0.00	34.07 -1.22 0.00	31.85 -1.08 0.00	34.40 -1.35 0.00	34.36 -1.48 0.00	38.28 -1.41 0.00	43.22 -1.54 0.00	41.92 -1.53 0.00	36.90 -1.31 0.00	39.37 -1.18 0.00	41.90 -1.50 0.00	38.87 -1.35 0.00	36.82 -1.41 0.00	35.05 -1.38 0.00	30.09 -1.16 0.00	35.77 -1.25 0.00	29.24 -0.98 0.00
ROCHESTER_9_IC 23652	15.57 -0.39 0.00	17.96 -0.35 0.00	22.94 -0.57 0.00	21.12 -0.47 0.00	22.71 -0.39 0.00	25.90 -0.40 0.00	31.40 -0.57 0.00	33.93 -1.07 0.00	34.28 -1.01 0.00	32.04 -0.90 0.00	34.58 -1.16 0.00	34.55 -1.29 0.00	38.49 -1.20 0.00	43.47 -1.29 0.00	42.19 -1.26 0.00	37.14 -1.07 0.00	39.64 -0.91 0.00	42.18 -1.22 0.00	39.12 -1.10 0.00	37.06 -1.16 0.00	35.27 -1.15 0.00	30.27 -0.98 0.00	35.97 -1.04 0.00	29.40 -0.83 0.00
ROCKVIEW_13_KV_LD 356306	17.10 1.14 0.00	19.51 1.20 0.00	24.86 1.35 0.00	22.81 1.23 0.00	24.52 1.42 0.00	28.06 1.76 0.00	34.17 2.19 0.00	37.52 2.52 0.00	37.54 2.26 0.00	35.02 2.08 0.00	38.12 2.37 0.00	38.30 2.47 0.00	42.24 2.55 0.00	47.66 2.90 0.00	46.36 2.91 0.00	40.82 2.62 0.00	43.33 2.78 0.00	46.51 3.11 0.00	43.14 2.92 0.00	40.98 2.75 0.00	39.01 2.59 0.00	33.42 2.17 0.00	39.57 2.56 0.00	32.12 1.89 0.00
ROME____115KV_TB2 80656	16.32 0.37 0.00	18.73 0.42 0.00	24.12 0.61 0.00	22.20 0.62 0.00	23.80 0.70 0.00	27.31 1.01 0.00	33.47 1.50 0.00	36.61 1.61 0.00	37.15 1.87 0.00	34.67 1.73 0.00	37.56 1.82 0.00	37.70 1.86 0.00	41.75 2.06 0.00	47.06 2.30 0.00	45.71 2.26 0.00	40.14 1.93 0.00	42.69 2.14 0.00	45.52 2.12 0.00	42.19 1.97 0.00	40.03 1.81 0.00	38.08 1.66 0.00	32.64 1.40 0.00	38.54 1.53 0.00	31.34 1.11 0.00
ROSETON___1 23587	16.84 0.88 0.00	19.22 0.91 0.00	24.51 1.01 0.00	22.51 0.93 0.00	24.20 1.11 0.00	27.68 1.38 0.00	33.73 1.75 0.00	37.06 2.06 0.00	37.10 1.82 0.00	34.60 1.66 0.00	37.64 1.89 0.00	37.82 1.98 0.00	41.72 2.03 0.00	47.08 2.32 0.00	45.78 2.33 0.00	40.31 2.10 0.00	42.78 2.22 0.00	45.92 2.51 0.00	42.59 2.37 0.00	40.46 2.23 0.00	38.53 2.10 0.00	33.02 1.78 0.00	39.10 2.09 0.00	31.75 1.53 0.00
ROSETON___2 23588	16.84 0.88 0.00	19.22 0.91 0.00	24.51 1.01 0.00	22.51 0.93 0.00	24.20 1.11 0.00	27.68 1.38 0.00	33.73 1.75 0.00	37.06 2.06 0.00	37.10 1.82 0.00	34.60 1.66 0.00	37.64 1.89 0.00	37.82 1.98 0.00	41.72 2.03 0.00	47.08 2.32 0.00	45.78 2.33 0.00	40.31 2.10 0.00	42.78 2.22 0.00	45.92 2.51 0.00	42.59 2.37 0.00	40.46 2.23 0.00	38.53 2.10 0.00	33.02 1.78 0.00	39.10 2.09 0.00	31.75 1.53 0.00
ROTRRDAM_115KV_TB3 80664	16.47 0.51 0.00	18.87 0.56 0.00	24.24 0.73 0.00	22.24 0.65 0.00	23.80 0.71 0.00	27.16 0.86 0.00	33.07 1.09 0.00	36.25 1.25 0.00	36.49 1.21 0.00	34.04 1.11 0.00	36.96 1.22 0.00	37.06 1.22 0.00	41.00 1.31 0.00	46.24 1.49 0.00	44.92 1.46 0.00	39.51 1.31 0.00	41.91 1.36 0.00	44.90 1.50 0.00	41.57 1.35 0.00	39.53 1.30 0.00	37.66 1.24 0.00	32.31 1.06 0.00	38.23 1.21 0.00	31.13 0.90 0.00
RUSSELL___1 23602	15.64 -0.32 0.00	18.03 -0.27 0.00	23.03 -0.48 0.00	21.20 -0.38 0.00	22.80 -0.29 0.00	26.01 -0.29 0.00	31.54 -0.44 0.00	34.10 -0.90 0.00	34.44 -0.85 0.00	32.18 -0.75 0.00	34.75 -1.00 0.00	34.71 -1.13 0.00	38.67 -1.02 0.00	43.69 -1.07 0.00	42.40 -1.05 0.00	37.33 -0.87 0.00	39.87 -0.69 0.00	42.43 -0.97 0.00	39.36 -0.86 0.00	37.27 -0.96 0.00	35.46 -0.96 0.00	30.43 -0.82 0.00	36.14 -0.88 0.00	29.53 -0.69 0.00
RUSSELL___2 23532	15.64 -0.32 0.00	18.03 -0.27 0.00	23.03 -0.48 0.00	21.20 -0.38 0.00	22.80 -0.29 0.00	26.01 -0.29 0.00	31.54 -0.44 0.00	34.10 -0.90 0.00	34.44 -0.85 0.00	32.18 -0.75 0.00	34.75 -1.00 0.00	34.71 -1.13 0.00	38.67 -1.02 0.00	43.69 -1.07 0.00	42.40 -1.05 0.00	37.33 -0.87 0.00	39.87 -0.69 0.00	42.43 -0.97 0.00	39.36 -0.86 0.00	37.27 -0.96 0.00	35.46 -0.96 0.00	30.43 -0.82 0.00	36.14 -0.88 0.00	29.53 -0.69 0.00
RUSSELL___3 23549	15.64 -0.32 0.00	18.03 -0.27 0.00	23.03 -0.48 0.00	21.20 -0.38 0.00	22.80 -0.29 0.00	26.01 -0.29 0.00	31.54 -0.44 0.00	34.10 -0.90 0.00	34.44 -0.85 0.00	32.18 -0.75 0.00	34.75 -1.00 0.00	34.71 -1.13 0.00	38.67 -1.02 0.00	43.69 -1.07 0.00	42.40 -1.05 0.00	37.33 -0.87 0.00	39.87 -0.69 0.00	42.43 -0.97 0.00	39.36 -0.86 0.00	37.27 -0.96 0.00	35.46 -0.96 0.00	30.43 -0.82 0.00	36.14 -0.88 0.00	29.53 -0.69 0.00
RUSSELL___4 23556	15.64 -0.32 0.00	18.03 -0.27 0.00	23.03 -0.48 0.00	21.20 -0.38 0.00	22.80 -0.29 0.00	26.01 -0.29 0.00	31.54 -0.44 0.00	34.10 -0.90 0.00	34.44 -0.85 0.00	32.18 -0.75 0.00	34.75 -1.00 0.00	34.71 -1.13 0.00	38.67 -1.02 0.00	43.69 -1.07 0.00	42.40 -1.05 0.00	37.33 -0.87 0.00	39.87 -0.69 0.00	42.43 -0.97 0.00	39.36 -0.86 0.00	37.27 -0.96 0.00	35.46 -0.96 0.00	30.43 -0.82 0.00	36.14 -0.88 0.00	29.53 -0.69 0.00
RUSSELL___STATION 23914	15.64 -0.32 0.00	18.03 -0.27 0.00	23.03 -0.48 0.00	21.20 -0.38 0.00	22.80 -0.29 0.00	26.01 -0.29 0.00	31.54 -0.44 0.00	34.10 -0.90 0.00	34.44 -0.85 0.00	32.18 -0.75 0.00	34.75 -1.00 0.00	34.71 -1.13 0.00	38.67 -1.02 0.00	43.69 -1.07 0.00	42.40 -1.05 0.00	37.33 -0.87 0.00	39.87 -0.69 0.00	42.43 -0.97 0.00	39.36 -0.86 0.00	37.27 -0.96 0.00	35.46 -0.96 0.00	30.43 -0.82 0.00	36.14 -0.88 0.00	29.53 -0.69 0.00
S SALMON___HYD 24043	15.73 -0.23 0.00	18.04 -0.26 0.00	23.32 -0.19 0.00	21.39 -0.20 0.00	22.96 -0.13 0.00	26.29 -0.01 0.00	32.11 0.14 0.00	35.21 0.21 0.00	35.66 0.37 0.00	33.32 0.39 0.00	36.14 0.39 0.00	36.22 0.38 0.00	40.17 0.47 0.00	45.26 0.50 0.00	43.91 0.45 0.00	38.51 0.30 0.00	40.94 0.39 0.00	43.73 0.33 0.00	40.64 0.42 0.00	38.56 0.34 0.00	36.73 0.31 0.00	31.52 0.27 0.00	37.19 0.18 0.00	30.34 0.12 0.00
S.PERRY__115KV_TB1 80734	15.78 -0.17 0.00	18.44 0.14 0.00	23.72 0.21 0.00	21.91 0.33 0.00	23.58 0.48 0.00	26.91 0.61 0.00	32.89 0.91 0.00	35.23 0.22 0.00	34.87 -0.41 0.00	31.76 -1.17 0.00	34.40 -1.35 0.00	34.49 -1.35 0.00	38.23 -1.46 0.00	45.12 0.36 0.00	43.86 0.41 0.00	38.67 0.46 0.00	41.44 0.88 0.00	44.17 0.77 0.00	40.97 0.75 0.00	38.68 0.45 0.00	36.69 0.26 0.00	31.34 0.09 0.00	36.92 -0.10 0.00	30.02 -0.20 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.33 -0.63 0.00	17.79 -0.51 0.00	22.66 -0.84 0.00	20.90 -0.68 0.00	22.57 -0.53 0.00	25.74 -0.56 0.00	31.09 -0.89 0.00	33.24 -1.77 0.00	33.68 -1.61 0.00	31.66 -1.28 0.00	34.14 -1.60 0.00	33.98 -1.86 0.00	37.99 -1.71 0.00	42.79 -1.97 0.00	41.36 -2.09 0.00	36.43 -1.78 0.00	38.94 -1.62 0.00	41.19 -2.21 0.00	38.25 -1.97 0.00	36.13 -2.10 0.00	34.39 -2.03 0.00	29.61 -1.64 0.00	35.31 -1.70 0.00	28.84 -1.39 0.00

SAWYER___23_KV_LOAD 55526	15.33 -0.63 0.00	17.79 -0.51 0.00	22.66 -0.84 0.00	20.90 -0.68 0.00	22.57 -0.53 0.00	25.74 -0.56 0.00	31.09 -0.89 0.00	33.24 -1.77 0.00	33.68 -1.61 0.00	31.66 -1.28 0.00	34.14 -1.60 0.00	33.98 -1.86 0.00	37.99 -1.71 0.00	42.79 -1.97 0.00	41.36 -2.09 0.00	36.43 -1.78 0.00	38.94 -1.62 0.00	41.19 -2.21 0.00	38.25 -1.97 0.00	36.13 -2.10 0.00	34.39 -2.03 0.00	29.61 -1.64 0.00	35.31 -1.70 0.00	28.84 -1.39 0.00
SELKIRK___I 23801	16.34 0.38 0.00	18.75 0.44 0.00	24.14 0.64 0.00	22.16 0.57 0.00	23.65 0.55 0.00	26.96 0.66 0.00	32.77 0.80 0.00	35.94 0.94 0.00	36.13 0.85 0.00	33.68 0.75 0.00	36.58 0.83 0.00	36.66 0.88 0.00	40.58 1.02 0.00	45.79 1.09 0.00	44.45 1.00 0.00	39.12 0.91 0.00	41.51 0.96 0.00	44.49 1.08 0.00	41.20 0.98 0.00	39.18 0.95 0.00	37.33 0.91 0.00	32.05 0.80 0.00	37.91 0.89 0.00	30.88 0.66 0.00
SELKIRK___II 23799	16.28 0.33 0.00	18.68 0.38 0.00	24.03 0.52 0.00	22.04 0.46 0.00	23.53 0.44 0.00	26.84 0.54 0.00	32.63 0.65 0.00	35.80 0.80 0.00	35.99 0.71 0.00	33.56 0.63 0.00	36.47 0.73 0.00	36.58 0.74 0.00	40.46 0.76 0.00	45.64 0.88 0.00	44.30 0.85 0.00	38.98 0.77 0.00	41.35 0.79 0.00	44.32 0.92 0.00	41.07 0.84 0.00	39.05 0.83 0.00	37.20 0.78 0.00	31.93 0.69 0.00	37.78 0.76 0.00	30.76 0.54 0.00
SENECA OSWGO___HYD 24041	15.73 -0.22 0.00	18.07 -0.23 0.00	23.20 -0.31 0.00	21.32 -0.27 0.00	22.81 -0.29 0.00	25.90 -0.40 0.00	31.45 -0.52 0.00	34.37 -0.64 0.00	34.60 -0.68 0.00	32.28 -0.66 0.00	35.03 -0.72 0.00	35.10 -0.74 0.00	38.91 -0.79 0.00	43.88 -0.88 0.00	42.61 -0.85 0.00	37.49 -0.72 0.00	39.87 -0.69 0.00	42.67 -0.74 0.00	39.55 -0.67 0.00	37.55 -0.68 0.00	35.76 -0.66 0.00	30.65 -0.59 0.00	36.31 -0.71 0.00	29.76 -0.47 0.00
SENECA___115KV_TB3 355854	15.57 -0.39 0.00	18.09 -0.21 0.00	23.06 -0.45 0.00	21.28 -0.30 0.00	22.98 -0.12 0.00	26.18 -0.12 0.00	31.68 -0.29 0.00	33.90 -1.11 0.00	34.36 -0.92 0.00	32.27 -0.66 0.00	34.83 -0.91 0.00	34.71 -1.13 0.00	38.78 -0.91 0.00	43.72 -1.04 0.00	42.28 -1.18 0.00	37.24 -0.97 0.00	39.80 -0.75 0.00	42.11 -1.30 0.00	39.11 -1.11 0.00	36.89 -1.34 0.00	35.10 -1.32 0.00	30.19 -1.06 0.00	35.93 -1.09 0.00	29.29 -0.94 0.00
SENECA___ENERGY 23797	15.79 -0.16 0.00	18.23 -0.08 0.00	23.36 -0.14 0.00	21.52 -0.06 0.00	23.11 0.01 0.00	26.27 -0.03 0.00	32.09 0.12 0.00	34.88 -0.12 0.00	35.10 -0.18 0.00	32.75 -0.19 0.00	35.39 -0.36 0.00	35.49 -0.35 0.00	39.36 -0.33 0.00	44.45 -0.32 0.00	43.20 -0.25 0.00	37.88 -0.33 0.00	40.12 -0.44 0.00	42.81 -0.59 0.00	39.70 -0.52 0.00	37.61 -0.62 0.00	35.83 -0.60 0.00	30.67 -0.58 0.00	36.31 -0.71 0.00	29.63 -0.60 0.00
SHOEMAKER___GT 23640	16.80 0.84 0.00	19.18 0.87 0.00	24.49 0.98 0.00	22.49 0.91 0.00	24.17 1.08 0.00	27.63 1.33 0.00	33.68 1.71 0.00	36.98 1.98 0.00	37.02 1.73 0.00	34.50 1.57 0.00	37.52 1.78 0.00	37.70 1.86 0.00	41.60 1.91 0.00	46.97 2.21 0.00	45.66 2.21 0.00	40.20 1.99 0.00	42.70 2.15 0.00	45.84 2.44 0.00	42.53 2.31 0.00	40.37 2.15 0.00	38.45 2.03 0.00	32.97 1.72 0.00	39.02 2.00 0.00	31.67 1.44 0.00
SHOEMAKR_138KV_BK 111 55601	16.79 0.84 0.00	19.17 0.87 0.00	24.48 0.97 0.00	22.48 0.90 0.00	24.15 1.06 0.00	27.61 1.31 0.00	33.67 1.69 0.00	36.96 1.96 0.00	37.00 1.72 0.00	34.48 1.55 0.00	37.50 1.75 0.00	37.67 1.83 0.00	41.57 1.88 0.00	46.94 2.18 0.00	45.63 2.17 0.00	40.17 1.96 0.00	42.68 2.12 0.00	45.80 2.40 0.00	42.50 2.28 0.00	40.34 2.12 0.00	38.43 2.01 0.00	32.95 1.70 0.00	38.99 1.97 0.00	31.66 1.43 0.00
SHOREHAM_IC_1 23715	21.05 1.35 -3.75	19.82 1.52 0.00	25.13 1.63 0.00	22.59 1.01 0.00	24.82 1.72 0.00	28.10 1.80 0.00	34.43 2.45 0.00	37.49 2.49 0.00	36.61 1.33 0.00	20.45 1.13 13.61	32.29 1.68 5.14	38.75 2.76 -0.16	41.85 2.16 0.00	47.12 2.36 0.00	45.81 2.35 0.00	40.65 2.45 0.00	43.11 2.56 0.01	44.46 2.86 1.81	44.73 2.91 -1.60	41.12 2.90 0.01	39.01 2.59 0.01	32.99 1.75 0.01	39.09 2.08 0.00	32.00 1.77 0.00
SHOREHAM_IC_2 23716	21.05 1.35 -3.75	19.82 1.52 0.00	25.13 1.63 0.00	22.59 1.01 0.00	24.82 1.72 0.00	28.10 1.80 0.00	34.43 2.45 0.00	37.49 2.49 0.00	36.61 1.33 0.00	20.45 1.13 13.61	32.29 1.68 5.14	38.75 2.76 -0.16	41.85 2.16 0.00	47.12 2.36 0.00	45.81 2.35 0.00	40.65 2.45 0.00	43.11 2.56 0.01	44.46 2.86 1.81	44.73 2.91 -1.60	41.12 2.90 0.01	39.01 2.59 0.01	32.99 1.75 0.01	39.09 2.08 0.00	32.00 1.77 0.00
SISSONVILLE____ 23735	14.78 -1.18 0.00	16.87 -1.43 0.00	21.62 -1.88 0.00	19.90 -1.69 0.00	21.40 -1.70 0.00	25.06 -1.24 0.00	31.05 -0.93 0.00	34.20 -0.80 0.00	36.23 0.95 0.00	34.37 1.44 0.00	37.05 1.31 0.00	37.11 1.27 0.00	41.48 1.79 0.00	46.47 1.71 0.00	44.98 1.54 0.00	38.86 0.65 0.00	41.09 0.53 0.00	43.48 0.08 0.00	40.04 -0.18 0.00	38.36 0.13 0.00	36.85 0.43 0.00	31.65 0.40 0.00	37.61 0.60 0.00	30.26 0.04 0.00
SITHE_IND_GS1 24169	15.56 -0.40 0.00	17.87 -0.44 0.00	22.92 -0.59 0.00	21.06 -0.53 0.00	22.51 -0.59 0.00	25.53 -0.77 0.00	30.93 -1.04 0.00	33.79 -1.21 0.00	34.06 -1.22 0.00	31.79 -1.14 0.00	34.48 -1.26 0.00	34.56 -1.28 0.00	38.30 -1.39 0.00	43.20 -1.56 0.00	41.93 -1.52 0.00	36.89 -1.31 0.00	39.20 -1.35 0.00	41.93 -1.47 0.00	38.86 -1.36 0.00	36.90 -1.33 0.00	35.15 -1.27 0.00	30.15 -1.10 0.00	35.77 -1.25 0.00	29.38 -0.84 0.00
SITHE_IND_GS2 24170	15.56 -0.40 0.00	17.87 -0.44 0.00	22.92 -0.59 0.00	21.06 -0.53 0.00	22.51 -0.59 0.00	25.53 -0.77 0.00	30.93 -1.04 0.00	33.79 -1.21 0.00	34.06 -1.22 0.00	31.79 -1.14 0.00	34.48 -1.26 0.00	34.56 -1.28 0.00	38.30 -1.39 0.00	43.20 -1.56 0.00	41.93 -1.52 0.00	36.89 -1.31 0.00	39.20 -1.35 0.00	41.93 -1.47 0.00	38.86 -1.36 0.00	36.90 -1.33 0.00	35.15 -1.27 0.00	30.15 -1.10 0.00	35.77 -1.25 0.00	29.38 -0.84 0.00
SITHE_IND_GS3 24171	15.56 -0.40 0.00	17.87 -0.44 0.00	22.92 -0.59 0.00	21.06 -0.53 0.00	22.51 -0.59 0.00	25.53 -0.77 0.00	30.93 -1.04 0.00	33.79 -1.21 0.00	34.06 -1.22 0.00	31.79 -1.14 0.00	34.48 -1.26 0.00	34.56 -1.28 0.00	38.30 -1.39 0.00	43.20 -1.56 0.00	41.93 -1.52 0.00	36.89 -1.31 0.00	39.20 -1.35 0.00	41.93 -1.47 0.00	38.86 -1.36 0.00	36.90 -1.33 0.00	35.15 -1.27 0.00	30.15 -1.10 0.00	35.77 -1.25 0.00	29.38 -0.84 0.00
SITHE_IND_GS4 24172	15.56 -0.40 0.00	17.87 -0.44 0.00	22.92 -0.59 0.00	21.06 -0.53 0.00	22.51 -0.59 0.00	25.53 -0.77 0.00	30.93 -1.04 0.00	33.79 -1.21 0.00	34.06 -1.22 0.00	31.79 -1.14 0.00	34.48 -1.26 0.00	34.56 -1.28 0.00	38.30 -1.39 0.00	43.20 -1.56 0.00	41.93 -1.52 0.00	36.89 -1.31 0.00	39.20 -1.35 0.00	41.93 -1.47 0.00	38.86 -1.36 0.00	36.90 -1.33 0.00	35.15 -1.27 0.00	30.15 -1.10 0.00	35.77 -1.25 0.00	29.38 -0.84 0.00

SITHE___BATAVIA 24024	15.70 -0.26 0.00	18.16 -0.14 0.00	23.14 -0.36 0.00	21.34 -0.24 0.00	23.02 -0.07 0.00	26.34 0.04 0.00	31.90 -0.07 0.00	34.29 -0.71 0.00	34.69 -0.59 0.00	32.30 -0.52 0.11	32.56 -0.96 2.22	34.59 -1.25 0.00	38.69 -1.00 0.00	42.69 -1.04 1.04	40.85 -1.01 1.59	36.84 -0.76 0.61	39.72 -0.48 0.36	42.43 -0.88 0.09	39.49 -0.72 0.00	37.33 -0.90 0.00	35.53 -0.89 0.00	30.51 -0.74 0.00	36.32 -0.69 0.00	29.65 -0.58 0.00
SITHE___INDEPEND 23800	15.56 -0.40 0.00	17.87 -0.44 0.00	22.92 -0.59 0.00	21.06 -0.53 0.00	22.50 -0.59 0.00	25.53 -0.77 0.00	30.93 -1.04 0.00	33.79 -1.21 0.00	34.06 -1.22 0.00	31.79 -1.14 0.00	34.48 -1.26 0.00	34.56 -1.28 0.00	38.31 -1.39 0.00	43.21 -1.55 0.00	41.93 -1.52 0.00	36.90 -1.31 0.00	39.20 -1.36 0.00	41.93 -1.47 0.00	38.86 -1.36 0.00	36.90 -1.33 0.00	35.15 -1.27 0.00	30.15 -1.10 0.00	35.77 -1.25 0.00	29.38 -0.84 0.00
SITHE___MASSENA 23902	14.65 -1.31 0.00	16.68 -1.62 0.00	21.33 -2.18 0.00	19.64 -1.95 0.00	21.12 -1.98 0.00	24.70 -1.60 0.00	30.55 -1.43 0.00	33.62 -1.39 0.00	35.79 0.51 0.00	33.98 1.04 0.00	36.57 0.83 0.00	36.65 0.82 0.00	40.98 1.28 0.00	45.91 1.15 0.00	44.43 0.98 0.00	38.38 0.18 0.00	40.57 0.01 0.00	42.87 -0.53 0.00	39.46 -0.76 0.00	37.85 -0.38 0.00	36.40 -0.03 0.00	31.27 0.02 0.00	37.22 0.20 0.00	29.96 -0.26 0.00
SITHE___OGDNSBRG 24021	14.91 -1.04 0.00	17.02 -1.29 0.00	21.76 -1.75 0.00	20.03 -1.55 0.00	21.53 -1.56 0.00	25.24 -1.06 0.00	31.32 -0.65 0.00	34.50 -0.50 0.00	36.66 1.38 0.00	34.82 1.88 0.00	37.44 1.69 0.00	37.49 1.65 0.00	41.92 2.23 0.00	46.95 2.18 0.00	45.49 2.04 0.00	39.31 1.11 0.00	41.64 1.09 0.00	44.03 0.63 0.00	40.53 0.30 0.00	38.83 0.60 0.00	37.32 0.89 0.00	32.02 0.77 0.00	38.04 1.03 0.00	30.58 0.35 0.00
SITHE___STERLING 23777	16.24 0.29 0.00	18.66 0.35 0.00	24.01 0.50 0.00	22.10 0.52 0.00	23.70 0.61 0.00	27.11 0.81 0.00	33.16 1.18 0.00	36.28 1.28 0.00	36.68 1.40 0.00	34.22 1.28 0.00	37.10 1.36 0.00	37.21 1.37 0.00	41.24 1.55 0.00	46.49 1.73 0.00	45.15 1.70 0.00	39.69 1.49 0.00	42.19 1.64 0.00	44.98 1.57 0.00	41.67 1.46 0.00	39.55 1.33 0.00	37.64 1.21 0.00	32.25 1.00 0.00	38.12 1.10 0.00	31.04 0.81 0.00
SLEIGHT__34_KV_TB1 80719	15.63 -0.33 0.00	18.00 -0.31 0.00	23.03 -0.48 0.00	21.19 -0.39 0.00	22.76 -0.33 0.00	25.95 -0.35 0.00	31.55 -0.42 0.00	34.28 -0.73 0.00	34.57 -0.72 0.00	32.28 -0.66 0.00	34.93 -0.82 0.00	34.95 -0.88 0.00	38.89 -0.80 0.00	43.87 -0.89 0.00	42.58 -0.87 0.00	37.48 -0.73 0.00	39.97 -0.59 0.00	42.61 -0.79 0.00	39.51 -0.71 0.00	37.44 -0.79 0.00	35.61 -0.81 0.00	30.51 -0.73 0.00	36.17 -0.85 0.00	29.55 -0.67 0.00
SOUTH CAIRO___GT 23612	16.64 0.69 0.00	19.12 0.82 0.00	24.66 1.16 0.00	22.64 1.06 0.00	24.14 1.04 0.00	27.59 1.29 0.00	33.70 1.72 0.00	37.12 2.12 0.00	37.43 2.14 0.00	34.85 1.92 0.00	37.81 2.06 0.00	37.88 2.04 0.00	41.95 2.26 0.00	47.37 2.61 0.00	45.93 2.48 0.00	40.52 2.31 0.00	43.14 2.58 0.00	46.28 2.88 0.00	42.90 2.68 0.00	40.69 2.46 0.00	38.68 2.25 0.00	33.15 1.90 0.00	39.08 2.06 0.00	31.77 1.55 0.00
SOUTH HAMPTN___IC 23720	21.10 1.40 -3.75	19.92 1.62 0.00	25.21 1.71 0.00	22.67 1.08 0.00	24.76 1.66 0.00	28.12 1.82 0.00	34.34 2.36 0.00	37.42 2.42 0.00	36.73 1.45 0.00	5.11 1.28 29.11	26.53 1.78 11.00	38.75 2.76 -0.16	41.85 2.16 0.00	47.13 2.37 0.00	45.81 2.36 0.00	40.65 2.45 0.00	43.13 2.58 0.01	44.48 2.89 1.82	44.71 2.91 -1.58	41.09 2.87 0.01	38.97 2.55 0.01	32.97 1.73 0.01	39.03 2.01 0.00	31.93 1.71 0.00
SOUTHDOW_115KV_TB1 355954	16.09 0.14 0.00	18.75 0.45 0.00	23.86 0.36 0.00	21.96 0.38 0.00	23.84 0.74 0.00	27.10 0.80 0.00	33.02 1.04 0.00	35.37 0.36 0.00	35.95 0.67 0.00	34.02 1.08 0.00	36.85 1.10 0.00	36.82 0.99 0.00	41.08 1.39 0.00	46.36 1.59 0.00	44.75 1.30 0.00	39.35 1.15 0.00	42.07 1.51 0.00	44.58 1.18 0.00	41.39 1.18 0.00	38.96 0.73 0.00	37.10 0.67 0.00	31.82 0.57 0.00	37.65 0.63 0.00	30.50 0.28 0.00
SOUTHOLD_69_KV_BK 2 55809	21.10 1.39 -3.75	20.00 1.69 0.00	25.24 1.73 0.00	22.61 1.03 0.00	24.51 1.41 0.00	27.97 1.66 0.00	34.03 2.06 0.00	37.12 2.11 0.00	36.59 1.30 0.00	4.31 1.17 29.79	26.01 1.52 11.26	38.48 2.48 -0.16	41.56 1.87 0.00	46.80 2.04 0.00	45.49 2.04 0.00	40.38 2.17 0.00	42.89 2.34 0.01	44.26 2.67 1.82	44.47 2.67 -1.58	40.82 2.60 0.01	38.69 2.27 0.01	32.71 1.47 0.01	38.69 1.68 0.00	31.62 1.39 0.00
SOUTHOLD___IC 23719	21.10 1.39 -3.75	20.00 1.69 0.00	25.24 1.73 0.00	22.61 1.03 0.00	24.51 1.41 0.00	27.97 1.67 0.00	34.03 2.06 0.00	37.12 2.11 0.00	36.59 1.30 0.00	4.31 1.17 29.79	26.02 1.53 11.26	38.49 2.50 -0.16	41.56 1.87 0.00	46.81 2.05 0.00	45.49 2.04 0.00	40.38 2.17 0.00	42.89 2.34 0.01	44.26 2.67 1.82	44.47 2.66 -1.58	40.82 2.60 0.01	38.69 2.28 0.01	32.71 1.47 0.01	38.68 1.67 0.00	31.62 1.39 0.00
SOUTH_FORK_WT_PWR 323839	20.96 1.26 -3.75	19.92 1.61 0.00	25.09 1.58 0.00	22.39 0.81 0.00	24.14 1.04 0.00	27.61 1.31 0.00	33.50 1.52 0.00	36.54 1.54 0.00	36.09 0.81 0.00	4.23 0.72 29.42	25.56 0.93 11.12	37.91 1.91 -0.16	40.91 1.22 0.00	46.09 1.33 0.00	44.78 1.33 0.00	39.76 1.56 0.00	42.22 1.67 0.01	43.57 1.98 1.82	43.82 2.02 -1.58	40.21 1.99 0.01	38.11 1.69 0.01	32.20 0.96 0.01	38.08 1.06 0.00	31.12 0.90 0.00
SPIERFLS_115KV_TB 1 80737	17.03 1.07 0.00	19.52 1.22 0.00	25.04 1.53 0.00	22.99 1.40 0.00	24.66 1.56 0.00	28.34 2.04 0.00	34.57 2.59 0.00	37.92 2.91 0.00	38.24 2.95 0.00	35.66 2.72 0.00	38.67 2.93 0.00	38.66 2.82 0.00	42.79 3.10 0.00	48.07 3.30 0.00	46.70 3.25 0.00	41.12 2.91 0.00	43.56 3.00 0.00	46.75 3.35 0.00	43.26 3.04 0.00	41.17 2.94 0.00	39.19 2.77 0.00	33.64 2.39 0.00	39.75 2.74 0.00	32.24 2.02 0.00
ST LAWRENCE____ 23600	14.46 -1.50 0.00	16.46 -1.84 0.00	21.03 -2.48 0.00	19.36 -2.22 0.00	20.82 -2.27 0.00	24.35 -1.96 0.00	30.09 -1.89 0.00	33.10 -1.90 0.00	35.25 -0.03 0.00	33.46 0.52 0.00	36.03 0.28 0.00	36.11 0.27 0.00	40.36 0.67 0.00	45.23 0.47 0.00	43.77 0.32 0.00	37.83 -0.38 0.00	39.95 -0.60 0.00	42.22 -1.18 0.00	38.86 -1.36 0.00	37.29 -0.94 0.00	35.85 -0.57 0.00	30.81 -0.44 0.00	36.68 -0.34 0.00	29.55 -0.68 0.00
STATE_CA_115KV_115_LB 55624	16.69 0.74 0.00	19.12 0.82 0.00	24.54 1.04 0.00	22.55 0.97 0.00	24.13 1.03 0.00	27.54 1.24 0.00	33.61 1.63 0.00	36.87 1.87 0.00	37.15 1.87 0.00	34.68 1.75 0.00	37.67 1.92 0.00	37.79 1.96 0.00	41.83 2.14 0.00	47.16 2.40 0.00	45.79 2.34 0.00	40.31 2.10 0.00	42.79 2.23 0.00	45.09 1.68 0.00	41.23 1.02 0.00	39.21 0.99 0.00	37.35 0.93 0.00	32.06 0.81 0.00	37.89 0.88 0.00	30.85 0.62 0.00

STATE_ST_34_KV_LOAD 55959	15.99 0.03 0.00	18.39 0.09 0.00	23.60 0.09 0.00	21.71 0.12 0.00	23.27 0.18 0.00	26.45 0.14 0.00	32.23 0.25 0.00	35.14 0.13 0.00	35.37 0.09 0.00	32.97 0.03 0.00	35.75 0.01 0.00	35.84 0.00 0.00	39.74 0.05 0.00	44.85 0.08 0.00	43.56 0.11 0.00	38.30 0.10 0.00	40.77 0.21 0.00	43.61 0.20 0.00	40.43 0.21 0.00	38.36 0.13 0.00	36.50 0.08 0.00	31.27 0.02 0.00	37.03 0.01 0.00	30.24 0.02 0.00
STATION 5_MISC_HYD 23604	15.57 -0.39 0.00	17.96 -0.34 0.00	22.94 -0.57 0.00	21.12 -0.47 0.00	22.71 -0.38 0.00	25.90 -0.40 0.00	31.40 -0.58 0.00	33.93 -1.07 0.00	34.27 -1.01 0.00	31.96 -0.90 0.07	33.11 -1.15 1.48	34.54 -1.29 0.00	38.49 -1.21 0.00	42.77 -1.29 0.69	41.12 -1.26 1.06	36.73 -1.07 0.41	39.40 -0.91 0.24	42.12 -1.22 0.06	39.12 -1.10 0.00	37.06 -1.17 0.00	35.27 -1.15 0.00	30.26 -0.99 0.00	35.97 -1.04 0.00	29.40 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.77 -0.18 0.00	18.18 -0.12 0.00	23.26 -0.24 0.00	21.42 -0.16 0.00	23.02 -0.07 0.00	26.24 -0.07 0.00	31.95 -0.03 0.00	34.64 -0.36 0.00	34.95 -0.33 0.00	32.63 -0.31 0.00	35.23 -0.51 0.00	35.26 -0.58 0.00	39.23 -0.46 0.00	44.32 -0.44 0.00	43.06 -0.39 0.00	37.89 -0.32 0.00	40.41 -0.14 0.00	43.08 -0.32 0.00	39.95 -0.27 0.00	37.83 -0.40 0.00	36.01 -0.41 0.00	30.84 -0.41 0.00	36.55 -0.46 0.00	29.84 -0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.51 -0.45 0.00	17.88 -0.43 0.00	22.84 -0.66 0.00	21.02 -0.56 0.00	22.60 -0.49 0.00	25.77 -0.53 0.00	31.26 -0.72 0.00	33.82 -1.18 0.00	34.16 -1.12 0.00	31.93 -1.01 0.00	34.49 -1.26 0.00	34.46 -1.38 0.00	38.38 -1.31 0.00	43.34 -1.42 0.00	42.06 -1.39 0.00	37.03 -1.18 0.00	39.52 -1.04 0.00	42.07 -1.33 0.00	39.01 -1.21 0.00	36.95 -1.28 0.00	35.16 -1.26 0.00	30.17 -1.08 0.00	35.84 -1.18 0.00	29.29 -0.93 0.00
STA_56___34_KV_BUS2 355983	15.51 -0.45 0.00	17.88 -0.43 0.00	22.84 -0.66 0.00	21.02 -0.56 0.00	22.60 -0.49 0.00	25.77 -0.53 0.00	31.26 -0.72 0.00	33.82 -1.18 0.00	34.16 -1.12 0.00	31.93 -1.01 0.00	34.49 -1.26 0.00	34.46 -1.38 0.00	38.38 -1.31 0.00	43.34 -1.42 0.00	42.06 -1.39 0.00	37.03 -1.18 0.00	39.52 -1.04 0.00	42.07 -1.33 0.00	39.01 -1.21 0.00	36.95 -1.28 0.00	35.16 -1.26 0.00	30.17 -1.08 0.00	35.84 -1.18 0.00	29.29 -0.93 0.00
STA_67___115KV_BK2 355882	15.54 -0.42 0.00	17.93 -0.38 0.00	22.90 -0.61 0.00	21.07 -0.51 0.00	22.66 -0.43 0.00	25.84 -0.46 0.00	31.33 -0.65 0.00	33.86 -1.15 0.00	34.19 -1.10 0.00	31.96 -0.97 0.00	34.51 -1.24 0.00	34.47 -1.37 0.00	38.40 -1.29 0.00	43.37 -1.39 0.00	42.08 -1.37 0.00	37.04 -1.16 0.00	39.54 -1.02 0.00	42.08 -1.32 0.00	39.03 -1.19 0.00	36.96 -1.27 0.00	35.18 -1.24 0.00	30.20 -1.05 0.00	35.89 -1.13 0.00	29.33 -0.89 0.00
STA_7___115KV_9TRANS 80674	15.64 -0.32 0.00	18.03 -0.27 0.00	23.03 -0.48 0.00	21.20 -0.38 0.00	22.80 -0.29 0.00	26.01 -0.29 0.00	31.54 -0.44 0.00	34.10 -0.90 0.00	34.44 -0.85 0.00	32.18 -0.75 0.00	34.75 -1.00 0.00	34.71 -1.13 0.00	38.67 -1.02 0.00	43.69 -1.07 0.00	42.40 -1.05 0.00	37.33 -0.87 0.00	39.87 -0.69 0.00	42.43 -0.97 0.00	39.36 -0.86 0.00	37.27 -0.96 0.00	35.46 -0.96 0.00	30.43 -0.82 0.00	36.14 -0.88 0.00	29.53 -0.69 0.00
STA_82___115KV_TB1 80780	15.55 -0.41 0.00	17.93 -0.37 0.00	22.91 -0.60 0.00	21.08 -0.50 0.00	22.67 -0.43 0.00	25.85 -0.45 0.00	31.34 -0.63 0.00	33.86 -1.14 0.00	34.20 -1.08 0.00	31.97 -0.96 0.00	34.52 -1.23 0.00	34.47 -1.37 0.00	38.40 -1.29 0.00	43.38 -1.38 0.00	42.10 -1.35 0.00	37.06 -1.15 0.00	39.56 -0.99 0.00	42.09 -1.31 0.00	39.04 -1.18 0.00	36.99 -1.24 0.00	35.20 -1.22 0.00	30.21 -1.04 0.00	35.90 -1.12 0.00	29.35 -0.87 0.00
STEEL___WIND 323596	15.54 -0.42 0.00	18.06 -0.25 0.00	23.01 -0.49 0.00	21.23 -0.35 0.00	22.95 -0.15 0.00	26.13 -0.16 0.00	31.64 -0.34 0.00	33.86 -1.15 0.00	34.30 -0.98 0.00	32.06 -0.72 0.16	31.60 -0.95 3.20	34.65 -1.19 0.00	38.70 -0.99 0.00	42.13 -1.13 1.50	39.93 -1.23 2.29	36.31 -1.02 0.88	39.27 -0.77 0.52	41.93 -1.34 0.14	39.06 -1.16 0.00	36.83 -1.40 0.00	35.05 -1.37 0.00	30.13 -1.11 0.00	35.90 -1.12 0.00	29.24 -0.99 0.00
STEPHTWN_115KV_BK_2 55603	16.41 0.45 0.00	18.84 0.54 0.00	24.17 0.66 0.00	22.19 0.61 0.00	23.70 0.60 0.00	27.07 0.77 0.00	32.99 1.01 0.00	36.31 1.31 0.00	36.35 1.06 0.00	33.89 0.96 0.00	36.86 1.12 0.00	36.94 1.10 0.00	40.90 1.21 0.00	45.99 1.23 0.00	44.55 1.10 0.00	39.29 1.09 0.00	41.86 1.31 0.00	44.89 1.49 0.00	41.54 1.33 0.00	39.46 1.24 0.00	37.63 1.20 0.00	32.30 1.06 0.00	38.18 1.17 0.00	31.02 0.79 0.00
STEUBEN_REC_LFGE 323667	15.15 -0.81 0.00	18.19 -0.11 0.00	23.63 0.13 0.00	21.90 0.32 0.00	23.54 0.44 0.00	26.75 0.45 0.00	32.81 0.84 0.00	35.25 0.25 0.00	35.52 0.24 0.00	32.99 0.05 0.00	35.63 -0.11 0.00	35.68 -0.16 0.00	39.68 -0.01 0.00	45.02 0.26 0.00	43.79 0.34 0.00	38.54 0.33 0.00	41.16 0.60 0.00	43.65 0.25 0.00	40.42 0.20 0.00	37.86 -0.36 0.00	35.87 -0.56 0.00	30.53 -0.72 0.00	35.63 -1.38 0.00	28.96 -1.26 0.00
STILLWATER___SOLAR 323814	16.85 0.89 0.00	19.32 1.01 0.00	24.78 1.27 0.00	22.76 1.17 0.00	24.37 1.28 0.00	27.91 1.61 0.00	34.00 2.03 0.00	37.29 2.28 0.00	37.53 2.24 0.00	35.01 2.07 0.00	37.98 2.23 0.00	38.05 2.21 0.00	42.13 2.44 0.00	47.45 2.69 0.00	46.07 2.63 0.00	40.54 2.33 0.00	43.01 2.46 0.00	46.11 2.71 0.00	42.68 2.46 0.00	40.61 2.38 0.00	38.66 2.23 0.00	33.18 1.93 0.00	39.20 2.18 0.00	31.87 1.65 0.00
STONY___BROOK 24151	21.17 1.46 -3.76	19.87 1.56 0.00	25.22 1.72 0.00	22.89 1.30 0.00	24.93 1.83 0.00	28.35 2.05 0.00	34.45 2.48 0.00	37.52 2.52 0.00	37.22 1.93 0.00	37.06 1.83 -2.29	39.07 2.46 -0.87	38.98 2.98 -0.16	42.16 2.47 0.00	47.43 2.67 0.00	46.10 2.65 0.00	40.89 2.68 0.00	43.34 2.79 0.01	44.72 3.10 1.79	44.99 3.13 -1.64	41.20 2.98 0.01	39.12 2.70 0.01	33.27 2.03 0.01	39.34 2.33 0.00	32.23 2.00 0.00
STURGEON_POOL_HYD 23609	16.72 0.76 0.00	19.07 0.77 0.00	24.39 0.89 0.00	22.39 0.81 0.00	24.04 0.94 0.00	27.42 1.12 0.00	33.41 1.44 0.00	36.73 1.72 0.00	36.82 1.54 0.00	34.38 1.45 0.00	37.42 1.67 0.00	37.56 1.72 0.00	41.42 1.73 0.00	46.76 2.00 0.00	45.46 2.00 0.00	40.02 1.82 0.00	42.46 1.90 0.00	45.56 2.15 0.00	42.25 2.02 0.00	40.14 1.92 0.00	38.23 1.80 0.00	32.75 1.51 0.00	38.78 1.77 0.00	31.50 1.27 0.00
ST_LAW_115_BK7_LBMP 345037	14.45 -1.51 0.00	16.45 -1.86 0.00	21.02 -2.49 0.00	19.35 -2.23 0.00	20.81 -2.29 0.00	24.33 -1.97 0.00	30.09 -1.89 0.00	33.12 -1.89 0.00	35.29 0.01 0.00	33.52 0.58 0.00	36.07 0.32 0.00	36.16 0.32 0.00	40.42 0.72 0.00	45.28 0.52 0.00	43.82 0.37 0.00	37.86 -0.35 0.00	39.99 -0.57 0.00	42.26 -1.14 0.00	38.89 -1.33 0.00	37.32 -0.91 0.00	35.89 -0.54 0.00	30.84 -0.41 0.00	36.72 -0.30 0.00	29.57 -0.66 0.00

ST_LAW_115_BK8_LBMP 345038	14.45 -1.51 0.00	16.45 -1.86 0.00	21.02 -2.49 0.00	19.35 -2.23 0.00	20.81 -2.29 0.00	24.33 -1.97 0.00	30.09 -1.89 0.00	33.12 -1.89 0.00	35.29 0.01 0.00	33.52 0.58 0.00	36.07 0.32 0.00	36.16 0.32 0.00	40.42 0.72 0.00	45.28 0.52 0.00	43.82 0.37 0.00	37.86 -0.35 0.00	39.99 -0.57 0.00	42.26 -1.14 0.00	38.89 -1.33 0.00	37.32 -0.91 0.00	35.89 -0.54 0.00	30.84 -0.41 0.00	36.72 -0.30 0.00	29.57 -0.66 0.00
ST_LAW_230_BK5_LBMP 345035	14.46 -1.50 0.00	16.46 -1.84 0.00	21.03 -2.48 0.00	19.36 -2.22 0.00	20.82 -2.27 0.00	24.35 -1.96 0.00	30.09 -1.89 0.00	33.10 -1.90 0.00	35.25 -0.03 0.00	33.46 0.52 0.00	36.03 0.28 0.00	36.11 0.27 0.00	40.36 0.67 0.00	45.23 0.47 0.00	43.77 0.32 0.00	37.83 -0.38 0.00	39.95 -0.60 0.00	42.22 -1.18 0.00	38.86 -1.36 0.00	37.29 -0.94 0.00	35.85 -0.57 0.00	30.81 -0.44 0.00	36.68 -0.34 0.00	29.55 -0.68 0.00
ST_LAW_230_BK6_LBMP 345036	14.46 -1.50 0.00	16.46 -1.84 0.00	21.03 -2.48 0.00	19.36 -2.22 0.00	20.82 -2.27 0.00	24.35 -1.96 0.00	30.09 -1.89 0.00	33.10 -1.90 0.00	35.25 -0.03 0.00	33.46 0.52 0.00	36.03 0.28 0.00	36.11 0.27 0.00	40.36 0.67 0.00	45.23 0.47 0.00	43.77 0.32 0.00	37.83 -0.38 0.00	39.95 -0.60 0.00	42.22 -1.18 0.00	38.86 -1.36 0.00	37.29 -0.94 0.00	35.85 -0.57 0.00	30.81 -0.44 0.00	36.68 -0.34 0.00	29.55 -0.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.88 0.92 0.00	19.26 0.95 0.00	24.55 1.05 0.00	22.56 0.98 0.00	24.25 1.16 0.00	27.74 1.44 0.00	33.83 1.85 0.00	37.16 2.16 0.00	37.16 1.87 0.00	34.62 1.68 0.00	37.66 1.92 0.00	37.85 2.01 0.00	41.75 2.06 0.00	47.14 2.38 0.00	45.83 2.38 0.00	40.35 2.14 0.00	42.87 2.32 0.00	46.05 2.65 0.00	42.71 2.49 0.00	40.55 2.32 0.00	38.62 2.20 0.00	33.11 1.86 0.00	39.20 2.18 0.00	31.80 1.57 0.00
SWANROAD_115KV_TB1 355699	14.97 -0.98 0.00	17.37 -0.94 0.00	22.12 -1.38 0.00	20.43 -1.15 0.00	22.05 -1.05 0.00	25.20 -1.10 0.00	30.32 -1.66 0.00	32.35 -2.65 0.00	32.82 -2.47 0.00	30.84 -2.09 0.00	33.15 -2.60 0.00	32.97 -2.87 0.00	36.87 -2.82 0.00	41.48 -3.28 0.00	40.10 -3.35 0.00	35.35 -2.86 0.00	37.80 -2.75 0.00	39.96 -3.45 0.00	37.11 -3.11 0.00	35.08 -3.14 0.00	33.41 -3.02 0.00	28.81 -2.44 0.00	34.45 -2.57 0.00	28.18 -2.04 0.00
SYNERGY___BIOGAS 323694	15.70 -0.26 0.00	18.16 -0.14 0.00	23.14 -0.36 0.00	21.34 -0.24 0.00	23.02 -0.07 0.00	26.34 0.04 0.00	31.90 -0.07 0.00	34.29 -0.71 0.00	34.69 -0.59 0.00	32.30 -0.52 0.11	32.56 -0.96 2.22	34.59 -1.25 0.00	38.69 -1.00 0.00	42.69 -1.04 1.04	40.85 -1.01 1.59	36.84 -0.76 0.61	39.72 -0.48 0.36	42.43 -0.88 0.09	39.49 -0.72 0.00	37.33 -0.90 0.00	35.53 -0.89 0.00	30.51 -0.74 0.00	36.32 -0.69 0.00	29.65 -0.58 0.00
SYRACUSE___ENERGY_ST1 323597	15.91 -0.04 0.00	18.29 -0.02 0.00	23.46 -0.04 0.00	21.56 -0.02 0.00	23.09 -0.01 0.00	26.23 -0.07 0.00	31.91 -0.07 0.00	34.84 -0.16 0.00	35.08 -0.21 0.00	32.72 -0.22 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.46 -0.24 0.00	44.52 -0.24 0.00	43.23 -0.22 0.00	38.02 -0.19 0.00	40.44 -0.12 0.00	43.27 -0.14 0.00	40.09 -0.12 0.00	38.06 -0.17 0.00	36.24 -0.18 0.00	31.06 -0.18 0.00	36.81 -0.21 0.00	30.11 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	15.91 -0.04 0.00	18.29 -0.02 0.00	23.46 -0.04 0.00	21.56 -0.02 0.00	23.09 -0.01 0.00	26.23 -0.07 0.00	31.91 -0.07 0.00	34.84 -0.16 0.00	35.08 -0.21 0.00	32.72 -0.22 0.00	35.52 -0.23 0.00	35.60 -0.24 0.00	39.46 -0.24 0.00	44.52 -0.24 0.00	43.23 -0.22 0.00	38.02 -0.19 0.00	40.44 -0.12 0.00	43.27 -0.14 0.00	40.09 -0.12 0.00	38.06 -0.17 0.00	36.24 -0.18 0.00	31.06 -0.18 0.00	36.81 -0.21 0.00	30.11 -0.11 0.00
SYRACUSE___POWER 24017	15.92 -0.04 0.00	18.29 -0.01 0.00	23.47 -0.03 0.00	21.57 -0.01 0.00	23.10 0.01 0.00	26.25 -0.05 0.00	31.94 -0.04 0.00	34.87 -0.13 0.00	35.12 -0.16 0.00	32.77 -0.17 0.00	35.57 -0.18 0.00	35.64 -0.19 0.00	39.51 -0.18 0.00	44.58 -0.18 0.00	43.27 -0.18 0.00	38.05 -0.15 0.00	40.46 -0.10 0.00	43.29 -0.11 0.00	40.13 -0.09 0.00	38.08 -0.14 0.00	36.28 -0.14 0.00	31.10 -0.15 0.00	36.83 -0.18 0.00	30.12 -0.10 0.00
TALLMAN___138KV_BK151 55660	16.94 0.98 0.00	19.31 1.01 0.00	24.61 1.10 0.00	22.60 1.02 0.00	24.31 1.22 0.00	27.83 1.53 0.00	33.93 1.95 0.00	37.28 2.28 0.00	37.22 1.94 0.00	34.67 1.73 0.00	37.71 1.97 0.00	37.90 2.07 0.00	41.80 2.11 0.00	47.20 2.44 0.00	45.91 2.47 0.00	40.42 2.21 0.00	42.95 2.40 0.00	46.14 2.74 0.00	42.82 2.60 0.00	40.64 2.42 0.00	38.73 2.30 0.00	33.20 1.95 0.00	39.31 2.29 0.00	31.88 1.65 0.00
TEALLAVE_115KV_TB7 355573	15.84 -0.12 0.00	18.20 -0.10 0.00	23.36 -0.15 0.00	21.46 -0.12 0.00	22.97 -0.12 0.00	26.11 -0.20 0.00	31.73 -0.25 0.00	34.65 -0.35 0.00	34.89 -0.38 0.00	32.57 -0.37 0.00	35.35 -0.40 0.00	35.42 -0.42 0.00	39.26 -0.43 0.00	44.29 -0.48 0.00	42.99 -0.46 0.00	37.80 -0.41 0.00	40.17 -0.38 0.00	42.96 -0.45 0.00	39.82 -0.40 0.00	37.79 -0.43 0.00	36.03 -0.40 0.00	30.89 -0.36 0.00	36.59 -0.43 0.00	29.95 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	15.38 -0.58 0.00	17.81 -0.49 0.00	22.70 -0.80 0.00	20.96 -0.63 0.00	22.61 -0.48 0.00	25.85 -0.45 0.00	31.22 -0.76 0.00	33.41 -1.60 0.00	33.86 -1.43 0.00	31.73 -1.20 0.00	34.11 -1.63 0.00	33.95 -1.89 0.00	37.95 -1.74 0.00	42.75 -2.01 0.00	41.40 -2.05 0.00	36.50 -1.71 0.00	39.03 -1.52 0.00	41.31 -2.10 0.00	38.40 -1.82 0.00	36.31 -1.92 0.00	34.57 -1.86 0.00	29.75 -1.50 0.00	35.47 -1.54 0.00	28.98 -1.24 0.00
TEMPLE___115KV_TB 2 55572	15.85 -0.11 0.00	18.21 -0.09 0.00	23.36 -0.14 0.00	21.47 -0.11 0.00	22.99 -0.10 0.00	26.12 -0.18 0.00	31.74 -0.24 0.00	34.66 -0.35 0.00	34.90 -0.38 0.00	32.57 -0.36 0.00	35.36 -0.39 0.00	35.43 -0.40 0.00	39.27 -0.42 0.00	44.31 -0.45 0.00	42.99 -0.46 0.00	37.81 -0.39 0.00	40.19 -0.36 0.00	42.98 -0.42 0.00	39.84 -0.38 0.00	37.81 -0.41 0.00	36.05 -0.37 0.00	30.90 -0.35 0.00	36.60 -0.41 0.00	29.97 -0.26 0.00
TIANA____69_KV_BK 1 55817	21.11 1.41 -3.75	19.91 1.60 0.00	25.21 1.71 0.00	22.69 1.11 0.00	24.82 1.73 0.00	28.17 1.87 0.00	34.42 2.45 0.00	37.51 2.50 0.00	36.79 1.51 0.00	4.60 1.33 29.67	26.41 1.88 11.21	38.83 2.83 -0.16	41.96 2.27 0.00	47.23 2.47 0.00	45.91 2.46 0.00	40.74 2.54 0.00	43.23 2.68 0.01	44.58 2.99 1.82	44.82 3.02 -1.58	41.18 2.96 0.01	39.07 2.65 0.01	33.06 1.82 0.01	39.14 2.12 0.01	32.02 1.80 0.00
TILDEN___115KV_TB1 80814	15.92 -0.04 0.00	18.29 -0.01 0.00	23.47 -0.03 0.00	21.57 -0.01 0.00	23.10 0.01 0.00	26.25 -0.05 0.00	31.94 -0.04 0.00	34.87 -0.13 0.00	35.12 -0.16 0.00	32.77 -0.17 0.00	35.57 -0.18 0.00	35.64 -0.19 0.00	39.51 -0.18 0.00	44.58 -0.18 0.00	43.27 -0.18 0.00	38.05 -0.15 0.00	40.46 -0.10 0.00	43.29 -0.11 0.00	40.13 -0.09 0.00	38.08 -0.14 0.00	36.28 -0.14 0.00	31.10 -0.15 0.00	36.83 -0.18 0.00	30.12 -0.10 0.00

TRIGEN___CC 323695	22.58 1.34 -5.28	19.72 1.41 0.00	25.08 1.58 0.00	22.92 1.34 0.00	24.80 1.70 0.00	28.28 1.97 0.00	34.27 2.29 0.00	37.48 2.48 0.00	37.44 2.16 0.00	35.00 2.07 0.00	38.34 2.54 -0.06	39.32 2.73 -0.75	42.14 2.45 0.00	47.49 2.73 0.00	46.18 2.74 0.00	40.79 2.59 0.00	43.29 2.72 -0.01	49.88 3.02 -3.45	55.45 3.02 -12.21	41.07 2.83 -0.01	38.99 2.56 -0.01	33.36 2.10 -0.01	39.44 2.42 0.00	32.17 1.95 0.00
TRINITY___115KV___4 BK 55933	16.27 0.31 0.00	18.66 0.36 0.00	24.01 0.50 0.00	22.03 0.44 0.00	23.50 0.41 0.00	26.83 0.53 0.00	32.59 0.61 0.00	35.78 0.78 0.00	35.94 0.66 0.00	33.53 0.59 0.00	36.45 0.70 0.00	36.55 0.72 0.00	40.43 0.74 0.00	45.60 0.84 0.00	44.29 0.84 0.00	38.95 0.74 0.00	41.31 0.76 0.00	44.30 0.90 0.00	41.03 0.81 0.00	39.03 0.80 0.00	37.17 0.74 0.00	31.93 0.68 0.00	37.75 0.73 0.00	30.73 0.51 0.00
UNION___PROCESSING_DRP 323587	15.55 -0.41 0.00	17.93 -0.37 0.00	22.91 -0.60 0.00	21.09 -0.50 0.00	22.67 -0.42 0.00	25.86 -0.44 0.00	31.34 -0.63 0.00	33.88 -1.13 0.00	34.21 -1.07 0.00	31.98 -0.96 0.00	34.53 -1.22 0.00	34.49 -1.34 0.00	38.41 -1.28 0.00	43.39 -1.37 0.00	42.11 -1.34 0.00	37.07 -1.14 0.00	39.57 -0.98 0.00	42.11 -1.29 0.00	39.05 -1.17 0.00	36.99 -1.23 0.00	35.20 -1.22 0.00	30.22 -1.03 0.00	35.91 -1.11 0.00	29.35 -0.87 0.00
UPPER HUDSON___HYD 24058	17.03 1.07 0.00	19.52 1.22 0.00	25.03 1.53 0.00	22.99 1.40 0.00	24.66 1.56 0.00	28.34 2.04 0.00	34.57 2.59 0.00	37.92 2.91 0.00	38.24 2.95 0.00	35.65 2.72 0.00	38.67 2.92 0.00	38.66 2.82 0.00	42.80 3.11 0.00	48.07 3.31 0.00	46.70 3.25 0.00	41.12 2.91 0.00	43.56 3.00 0.00	46.76 3.35 0.00	43.26 3.04 0.00	41.17 2.94 0.00	39.19 2.77 0.00	33.64 2.39 0.00	39.75 2.74 0.00	32.24 2.02 0.00
UPPER RAQUET___HYD 24056	14.78 -1.18 0.00	16.87 -1.43 0.00	21.62 -1.88 0.00	19.90 -1.69 0.00	21.40 -1.70 0.00	25.06 -1.24 0.00	31.05 -0.93 0.00	34.20 -0.80 0.00	36.23 0.95 0.00	34.37 1.44 0.00	37.05 1.31 0.00	37.11 1.27 0.00	41.48 1.79 0.00	46.47 1.71 0.00	44.98 1.54 0.00	38.86 0.65 0.00	41.09 0.53 0.00	43.48 0.08 0.00	40.04 -0.18 0.00	38.36 0.13 0.00	36.85 0.43 0.00	31.65 0.40 0.00	37.61 0.60 0.00	30.26 0.04 0.00
VALLEY44_115KV_TB2 355964	16.29 0.34 0.00	18.91 0.60 0.00	24.05 0.54 0.00	22.30 0.72 0.00	24.07 0.98 0.00	27.13 0.83 0.00	32.85 0.88 0.00	35.15 0.14 0.00	35.43 0.15 0.00	33.17 0.24 0.00	36.16 0.42 0.00	36.17 0.33 0.00	40.44 0.75 0.00	45.65 0.89 0.00	44.01 0.56 0.00	38.48 0.27 0.00	41.10 0.55 0.00	43.55 0.14 0.00	40.52 0.30 0.00	38.17 -0.06 0.00	36.37 -0.05 0.00	31.34 0.09 0.00	37.45 0.43 0.00	30.33 0.11 0.00
VALLEY___115KV_TB 1-4 80826	16.15 0.19 0.00	18.44 0.13 0.00	23.77 0.27 0.00	21.93 0.35 0.00	23.46 0.36 0.00	26.64 0.34 0.00	32.66 0.68 0.00	35.90 0.90 0.00	36.13 0.85 0.00	33.68 0.75 0.00	36.55 0.80 0.00	36.68 0.84 0.00	40.58 0.89 0.00	45.80 1.04 0.00	44.52 1.07 0.00	39.11 0.90 0.00	41.52 0.96 0.00	44.53 1.13 0.00	41.26 1.04 0.00	39.20 0.97 0.00	37.30 0.88 0.00	31.94 0.69 0.00	37.73 0.72 0.00	30.65 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.66 0.70 0.00	19.11 0.81 0.00	24.57 1.06 0.00	22.58 1.00 0.00	24.24 1.15 0.00	27.59 1.29 0.00	33.66 1.68 0.00	37.06 2.06 0.00	37.11 1.83 0.00	34.62 1.69 0.00	37.60 1.85 0.00	37.72 1.88 0.00	41.78 2.09 0.00	47.14 2.38 0.00	45.71 2.26 0.00	40.24 2.03 0.00	42.78 2.22 0.00	45.84 2.43 0.00	42.56 2.34 0.00	40.39 2.16 0.00	38.47 2.05 0.00	32.96 1.71 0.00	38.99 1.97 0.00	31.71 1.49 0.00
VISCHER___FERRY HYD 24020	16.64 0.69 0.00	19.09 0.78 0.00	24.50 0.99 0.00	22.48 0.90 0.00	24.07 0.97 0.00	27.52 1.22 0.00	33.45 1.47 0.00	36.70 1.69 0.00	36.88 1.60 0.00	34.39 1.46 0.00	37.36 1.61 0.00	37.46 1.62 0.00	41.45 1.76 0.00	46.75 1.99 0.00	45.38 1.93 0.00	39.91 1.70 0.00	42.32 1.76 0.00	45.38 1.98 0.00	41.99 1.77 0.00	39.95 1.72 0.00	38.06 1.64 0.00	32.69 1.44 0.00	38.64 1.63 0.00	31.45 1.23 0.00
V_A_10_SYNC_DSASP 323832	15.21 -0.75 0.00	17.60 -0.71 0.00	22.43 -1.08 0.00	20.68 -0.90 0.00	22.30 -0.80 0.00	25.41 -0.90 0.00	30.68 -1.30 0.00	32.92 -2.08 0.00	33.31 -1.97 0.00	31.12 -1.69 0.12	31.39 -2.03 0.00	33.60 -2.23 0.00	37.51 -2.18 0.00	41.16 -2.51 1.09	39.24 -2.54 1.67	35.34 -2.22 0.64	38.06 -2.12 0.38	40.66 -2.64 0.10	37.84 -2.38 0.00	35.82 -2.40 0.00	34.12 -2.30 0.00	29.36 -1.89 0.00	35.04 -1.97 0.00	28.64 -1.59 0.00
V_CMM_10_SYNC_DSASP 323787	14.53 -1.42 0.00	16.55 -1.75 0.00	21.14 -2.36 0.00	19.47 -2.11 0.00	20.93 -2.16 0.00	24.49 -1.81 0.00	30.28 -1.70 0.00	33.31 -1.69 0.00	35.49 0.20 0.00	33.71 0.78 0.00	36.28 0.54 0.00	36.36 0.52 0.00	40.65 0.96 0.00	45.55 0.79 0.00	44.07 0.62 0.00	38.07 -0.13 0.00	40.23 -0.33 0.00	42.52 -0.88 0.00	39.11 -1.11 0.00	37.54 -0.69 0.00	36.10 -0.33 0.00	31.03 -0.22 0.00	36.93 -0.08 0.00	29.74 -0.49 0.00
V_CMP_10_SYNC_DSASP 323788	14.50 -1.45 0.00	16.50 -1.80 0.00	21.11 -2.40 0.00	19.52 -2.06 0.00	21.09 -2.00 0.00	24.79 -1.51 0.00	30.59 -1.39 0.00	33.66 -1.34 0.00	35.93 0.64 0.00	34.10 1.17 0.00	36.79 1.05 0.00	36.91 1.07 0.00	41.16 1.47 0.00	46.10 1.34 0.00	44.78 1.33 0.00	38.65 0.44 0.00	40.23 -0.33 0.00	42.45 -0.96 0.00	39.05 -1.17 0.00	37.67 -0.56 0.00	36.30 -0.13 0.00	31.22 -0.02 0.00	37.32 0.30 0.00	30.05 -0.17 0.00
V_D_10_SYNC_DSASP 323841	14.64 -1.31 0.00	16.68 -1.62 0.00	21.32 -2.18 0.00	19.64 -1.95 0.00	21.11 -1.98 0.00	24.70 -1.60 0.00	30.54 -1.43 0.00	33.60 -1.40 0.00	35.78 0.50 0.00	33.97 1.04 0.00	36.57 0.82 0.00	36.64 0.81 0.00	40.97 1.28 0.00	45.90 1.14 0.00	44.42 0.97 0.00	38.38 0.17 0.00	40.56 0.01 0.00	42.87 -0.53 0.00	39.46 -0.76 0.00	37.84 -0.38 0.00	36.39 -0.03 0.00	31.27 0.02 0.00	37.21 0.20 0.00	29.96 -0.27 0.00
V_E_10_SYNC_DSASP 323830	16.94 0.98 0.00	19.39 1.09 0.00	24.83 1.33 0.00	22.93 1.35 0.00	24.85 1.75 0.00	28.58 2.28 0.00	35.19 3.21 0.00	38.49 3.48 0.00	38.77 3.49 0.00	36.24 3.26 -0.04	40.02 3.47 -0.81	39.32 3.49 0.00	43.70 4.01 0.00	49.68 4.54 -0.38	48.37 4.33 -0.58	42.27 3.84 -0.22	44.99 4.30 -0.13	48.07 4.63 -0.04	44.58 4.36 0.00	42.25 4.02 0.00	40.05 3.63 0.00	34.17 2.92 0.00	40.29 3.27 0.00	32.49 2.26 0.00
V_F_30_NSYNC___DSASP 323816	16.86 0.90 0.00	19.33 1.03 0.00	24.79 1.29 0.00	22.77 1.18 0.00	24.40 1.30 0.00	27.92 1.61 0.00	34.03 2.05 0.00	37.31 2.31 0.00	37.54 2.26 0.00	35.02 2.09 0.00	38.00 2.26 0.00	38.08 2.24 0.00	42.15 2.46 0.00	47.49 2.73 0.00	46.10 2.65 0.00	40.57 2.36 0.00	43.05 2.50 0.00	46.14 2.74 0.00	42.72 2.50 0.00	40.64 2.42 0.00	38.68 2.25 0.00	33.19 1.94 0.00	39.23 2.22 0.00	31.89 1.66 0.00

V_F_30_SYNC_DSASP 323786	16.28 0.32 0.00	18.68 0.38 0.00	24.04 0.53 0.00	22.05 0.47 0.00	23.52 0.43 0.00	26.86 0.56 0.00	32.64 0.66 0.00	35.84 0.84 0.00	35.99 0.71 0.00	33.56 0.63 0.00	36.49 0.74 0.00	36.61 0.77 0.00	40.49 0.80 0.00	45.68 0.92 0.00	44.37 0.92 0.00	39.02 0.82 0.00	41.39 0.84 0.00	44.48 1.08 0.00	41.23 1.02 0.00	39.21 0.99 0.00	37.35 0.93 0.00	32.06 0.81 0.00	37.89 0.88 0.00	30.85 0.62 0.00
V_XM_10_SYNC_DSASP 323789	14.50 -1.45 0.00	16.50 -1.80 0.00	21.11 -2.40 0.00	19.52 -2.06 0.00	21.09 -2.00 0.00	24.79 -1.51 0.00	30.59 -1.39 0.00	33.66 -1.34 0.00	35.93 0.64 0.00	34.10 1.17 0.00	36.79 1.05 0.00	36.91 1.07 0.00	41.16 1.47 0.00	46.10 1.34 0.00	44.78 1.33 0.00	38.65 0.44 0.00	40.23 -0.33 0.00	42.45 -0.96 0.00	39.05 -1.17 0.00	37.67 -0.56 0.00	36.30 -0.13 0.00	31.22 -0.02 0.00	37.32 0.30 0.00	30.05 -0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.98 1.03 0.00	19.37 1.06 0.00	24.68 1.18 0.00	22.67 1.08 0.00	24.38 1.29 0.00	27.91 1.61 0.00	34.03 2.05 0.00	37.39 2.39 0.00	37.37 2.08 0.00	34.81 1.88 0.00	37.87 2.13 0.00	38.06 2.22 0.00	41.98 2.28 0.00	47.39 2.63 0.00	46.10 2.64 0.00	40.58 2.37 0.00	43.13 2.57 0.00	46.32 2.91 0.00	42.98 2.76 0.00	40.80 2.57 0.00	38.87 2.44 0.00	33.31 2.06 0.00	39.43 2.41 0.00	31.97 1.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.10 1.14 0.00	19.49 1.19 0.00	24.83 1.32 0.00	22.79 1.20 0.00	24.50 1.40 0.00	28.04 1.74 0.00	34.14 2.16 0.00	37.54 2.53 0.00	37.58 2.30 0.00	35.06 2.12 0.00	38.16 2.41 0.00	38.36 2.52 0.00	42.30 2.61 0.00	47.76 3.00 0.00	46.47 3.02 0.00	40.90 2.69 0.00	43.37 2.82 0.00	46.54 3.14 0.00	43.15 2.94 0.00	41.00 2.77 0.00	39.03 2.61 0.00	33.43 2.18 0.00	39.58 2.56 0.00	32.12 1.90 0.00
W50THST__13_KV_LOAD 356117	17.19 1.23 0.00	19.59 1.29 0.00	24.95 1.44 0.00	22.90 1.31 0.00	24.63 1.53 0.00	28.19 1.89 0.00	34.34 2.36 0.00	37.78 2.77 0.00	37.83 2.55 0.00	35.31 2.38 0.00	38.44 2.69 0.00	38.64 2.81 0.00	42.63 2.93 0.00	48.12 3.36 0.00	46.81 3.36 0.00	41.20 3.00 0.00	43.70 3.15 0.00	46.87 3.47 0.00	43.46 3.24 0.00	41.27 3.04 0.00	39.28 2.86 0.00	33.63 2.38 0.00	39.83 2.81 0.00	32.31 2.08 0.00
WADING RIVER_IC_1 23522	21.04 1.34 -3.75	19.83 1.52 0.00	25.13 1.62 0.00	22.57 0.98 0.00	24.81 1.71 0.00	28.08 1.77 0.00	34.45 2.47 0.00	37.50 2.50 0.00	36.54 1.26 0.00	11.73 1.04 22.24	28.94 1.60 8.40	38.74 2.74 -0.16	41.84 2.15 0.00	47.11 2.35 0.00	45.80 2.34 0.00	40.64 2.43 0.00	43.10 2.55 0.01	44.43 2.85 1.82	44.69 2.90 -1.57	41.14 2.92 0.01	39.01 2.59 0.01	32.97 1.72 0.01	39.06 2.05 0.00	31.97 1.75 0.00
WADING RIVER_IC_2 23547	21.04 1.34 -3.75	19.83 1.52 0.00	25.13 1.62 0.00	22.57 0.98 0.00	24.81 1.71 0.00	28.08 1.77 0.00	34.45 2.47 0.00	37.50 2.50 0.00	36.54 1.26 0.00	11.73 1.04 22.24	28.94 1.60 8.40	38.74 2.74 -0.16	41.84 2.15 0.00	47.11 2.35 0.00	45.80 2.34 0.00	40.64 2.43 0.00	43.10 2.55 0.01	44.43 2.85 1.82	44.69 2.90 -1.57	41.14 2.92 0.01	39.01 2.59 0.01	32.97 1.72 0.01	39.06 2.05 0.00	31.97 1.75 0.00
WADING RIVER_IC_3 23601	21.04 1.34 -3.75	19.83 1.52 0.00	25.13 1.62 0.00	22.57 0.98 0.00	24.81 1.71 0.00	28.08 1.77 0.00	34.45 2.47 0.00	37.50 2.50 0.00	36.54 1.26 0.00	11.73 1.04 22.24	28.94 1.60 8.40	38.74 2.74 -0.16	41.84 2.15 0.00	47.11 2.35 0.00	45.80 2.34 0.00	40.64 2.43 0.00	43.10 2.55 0.01	44.43 2.85 1.82	44.69 2.90 -1.57	41.14 2.92 0.01	39.01 2.59 0.01	32.97 1.72 0.01	39.06 2.05 0.00	31.97 1.75 0.00
WALDENNY_12_KV_BK2 80841	15.54 -0.42 0.00	18.05 -0.25 0.00	23.01 -0.50 0.00	21.24 -0.34 0.00	22.94 -0.16 0.00	26.16 -0.14 0.00	31.64 -0.34 0.00	33.85 -1.15 0.00	34.32 -0.96 0.00	32.25 -0.69 0.00	34.80 -0.95 0.00	34.69 -1.15 0.00	38.72 -0.97 0.00	43.64 -1.12 0.00	42.20 -1.25 0.00	37.19 -1.02 0.00	39.77 -0.79 0.00	42.07 -1.34 0.00	39.07 -1.15 0.00	36.83 -1.39 0.00	35.05 -1.37 0.00	30.16 -1.09 0.00	35.90 -1.12 0.00	29.28 -0.95 0.00
WALDEN__HYDRO 24148	16.95 0.99 0.00	19.34 1.03 0.00	24.67 1.16 0.00	22.65 1.07 0.00	24.35 1.25 0.00	27.85 1.55 0.00	33.99 2.01 0.00	37.34 2.34 0.00	37.37 2.09 0.00	34.84 1.91 0.00	37.91 2.16 0.00	38.08 2.24 0.00	42.00 2.31 0.00	47.43 2.67 0.00	46.11 2.66 0.00	40.60 2.39 0.00	43.15 2.59 0.00	46.33 2.93 0.00	42.98 2.76 0.00	40.80 2.58 0.00	38.85 2.43 0.00	33.29 2.04 0.00	39.39 2.38 0.00	31.95 1.73 0.00
WARRENSBURG____ 23737	17.03 1.07 0.00	19.52 1.22 0.00	25.03 1.53 0.00	22.99 1.40 0.00	24.66 1.56 0.00	28.34 2.04 0.00	34.57 2.59 0.00	37.92 2.91 0.00	38.24 2.95 0.00	35.65 2.72 0.00	38.67 2.92 0.00	38.66 2.82 0.00	42.80 3.11 0.00	48.07 3.31 0.00	46.70 3.25 0.00	41.12 2.91 0.00	43.56 3.00 0.00	46.76 3.35 0.00	43.26 3.04 0.00	41.17 2.94 0.00	39.19 2.77 0.00	33.64 2.39 0.00	39.75 2.74 0.00	32.24 2.02 0.00
WATERSIDE____6 8 9 23538	17.08 1.13 0.00	19.46 1.16 0.00	24.78 1.28 0.00	22.74 1.16 0.00	24.45 1.35 0.00	27.99 1.69 0.00	34.08 2.10 0.00	37.51 2.50 0.00	37.52 2.24 0.00	35.02 2.08 0.00	38.09 2.34 0.00	38.30 2.47 0.00	42.23 2.54 0.00	47.67 2.91 0.00	46.38 2.93 0.00	40.85 2.64 0.00	43.29 2.74 0.00	46.44 3.03 0.00	43.09 2.87 0.00	40.97 2.74 0.00	38.99 2.57 0.00	33.38 2.13 0.00	39.56 2.54 0.00	32.11 1.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.10 0.14 0.00	18.42 0.11 0.00	23.69 0.19 0.00	21.79 0.21 0.00	23.32 0.22 0.00	26.55 0.25 0.00	32.43 0.46 0.00	35.58 0.58 0.00	35.83 0.55 0.00	33.42 0.48 0.00	36.26 0.52 0.00	36.39 0.55 0.00	40.26 0.57 0.00	45.42 0.66 0.00	44.14 0.69 0.00	38.79 0.58 0.00	41.18 0.63 0.00	44.15 0.75 0.00	40.90 0.69 0.00	38.88 0.65 0.00	37.01 0.58 0.00	31.73 0.48 0.00	37.53 0.52 0.00	30.52 0.29 0.00
WATSON____69_KV_BK 1 55734	21.38 1.62 -3.80	20.04 1.73 0.00	25.46 1.95 0.00	23.15 1.57 0.00	25.18 2.08 0.00	28.66 2.36 0.00	34.78 2.80 0.00	37.89 2.88 0.00	37.70 2.41 0.00	37.59 2.31 -2.34	39.60 2.96 -0.89	39.41 3.38 -0.19	42.63 2.94 0.00	47.97 3.21 0.00	46.62 3.17 0.00	41.32 3.11 0.00	43.74 3.19 0.00	45.42 3.54 1.52	45.87 3.53 -2.13	41.55 3.33 0.00	39.52 3.10 0.00	33.67 2.43 0.00	39.81 2.79 0.00	32.57 2.34 0.00
WDELAWARE__HYD 323627	16.63 0.67 0.00	18.97 0.66 0.00	24.24 0.73 0.00	22.25 0.67 0.00	23.91 0.81 0.00	27.32 1.02 0.00	33.36 1.39 0.00	36.68 1.68 0.00	36.86 1.57 0.00	35.03 2.09 0.00	38.10 2.35 0.00	38.12 2.28 0.00	41.30 1.61 0.00	46.67 1.91 0.00	45.35 1.90 0.00	39.94 1.73 0.00	42.46 1.90 0.00	45.60 2.19 0.00	42.27 2.05 0.00	40.11 1.88 0.00	38.19 1.76 0.00	32.71 1.46 0.00	38.69 1.67 0.00	31.38 1.16 0.00

WEST BABYLON___IC 23714	21.48 1.60 -3.92	20.00 1.69 0.00	25.42 1.92 0.00	23.16 1.57 0.00	25.13 2.04 0.00	28.63 2.33 0.00	34.66 2.68 0.00	37.78 2.78 0.00	37.65 2.36 0.00	35.20 2.27 0.00	38.67 2.91 -0.02	39.34 3.24 -0.26	42.53 2.84 0.00	47.86 3.10 0.00	46.51 3.06 0.00	41.19 2.98 0.00	43.62 3.06 0.00	45.92 3.41 0.89	46.92 3.38 -3.32	41.42 3.20 0.00	39.40 2.98 0.00	33.67 2.43 0.00	39.80 2.78 0.00	32.54 2.31 0.00
WEST CANADA___HYD 24049	15.98 0.02 0.00	18.31 0.01 0.00	23.53 0.02 0.00	21.60 0.02 0.00	23.12 0.03 0.00	26.36 0.05 0.00	32.07 0.10 0.00	35.15 0.14 0.00	35.46 0.17 0.00	33.11 0.18 0.00	35.93 0.18 0.00	36.02 0.19 0.00	39.89 0.20 0.00	44.99 0.23 0.00	43.67 0.22 0.00	38.40 0.19 0.00	40.74 0.19 0.00	43.60 0.20 0.00	40.39 0.17 0.00	38.41 0.18 0.00	36.61 0.18 0.00	31.40 0.15 0.00	37.18 0.17 0.00	30.32 0.10 0.00
WESTERN_NY_WIND 24143	15.67 -0.29 0.00	18.14 -0.17 0.00	23.11 -0.39 0.00	21.31 -0.28 0.00	23.00 -0.10 0.00	26.31 0.00 0.00	31.87 -0.11 0.00	34.23 -0.77 0.00	34.65 -0.63 0.00	32.37 -0.56 0.00	34.73 -1.02 0.00	34.55 -1.29 0.00	38.66 -1.04 0.00	43.69 -1.07 0.00	42.36 -1.09 0.00	37.38 -0.82 0.00	40.02 -0.54 0.00	42.45 -0.95 0.00	39.43 -0.79 0.00	37.27 -0.95 0.00	35.47 -0.95 0.00	30.47 -0.77 0.00	36.26 -0.76 0.00	29.60 -0.62 0.00
WESTOVER___LESR 323668	16.15 0.19 0.00	18.58 0.28 0.00	23.79 0.28 0.00	21.96 0.37 0.00	23.55 0.45 0.00	26.76 0.46 0.00	32.72 0.74 0.00	35.63 0.63 0.00	35.85 0.57 0.00	33.40 0.46 0.00	36.27 0.53 0.00	36.38 0.54 0.00	40.30 0.61 0.00	45.45 0.69 0.00	44.09 0.64 0.00	38.78 0.57 0.00	41.24 0.68 0.00	44.13 0.73 0.00	40.99 0.77 0.00	38.89 0.66 0.00	37.01 0.58 0.00	31.73 0.48 0.00	37.58 0.56 0.00	30.53 0.30 0.00
WETHRSFD_WT_PWR 323626	15.17 -0.79 0.00	17.89 -0.41 0.00	22.96 -0.54 0.00	21.25 -0.33 0.00	22.89 -0.21 0.00	26.04 -0.26 0.00	31.69 -0.29 0.00	33.95 -1.05 0.00	34.29 -0.99 0.00	31.89 -0.98 0.06	33.33 -1.22 1.20	34.48 -1.35 0.00	38.47 -1.22 0.00	42.89 -1.31 0.56	41.36 -1.23 0.86	36.85 -1.03 0.33	39.54 -0.82 0.19	42.06 -1.29 0.05	39.10 -1.12 0.00	36.82 -1.41 0.00	34.96 -1.46 0.00	29.93 -1.32 0.00	35.30 -1.71 0.00	28.74 -1.48 0.00
WHAVSTOR_138KV_BK127 55557	16.92 0.96 0.00	19.30 0.99 0.00	24.59 1.08 0.00	22.59 1.00 0.00	24.30 1.20 0.00	27.80 1.50 0.00	33.89 1.91 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.65 1.71 0.00	37.70 1.96 0.00	37.89 2.05 0.00	41.79 2.09 0.00	47.17 2.40 0.00	45.87 2.43 0.00	40.39 2.18 0.00	42.91 2.35 0.00	46.09 2.68 0.00	42.76 2.54 0.00	40.60 2.37 0.00	38.68 2.26 0.00	33.16 1.91 0.00	39.27 2.26 0.00	31.84 1.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.92 0.96 0.00	19.30 0.99 0.00	24.59 1.08 0.00	22.59 1.00 0.00	24.30 1.20 0.00	27.80 1.50 0.00	33.89 1.91 0.00	37.23 2.23 0.00	37.19 1.91 0.00	34.65 1.71 0.00	37.70 1.96 0.00	37.89 2.05 0.00	41.79 2.09 0.00	47.17 2.40 0.00	45.87 2.43 0.00	40.39 2.18 0.00	42.91 2.35 0.00	46.09 2.68 0.00	42.76 2.54 0.00	40.60 2.37 0.00	38.68 2.26 0.00	33.16 1.91 0.00	39.27 2.26 0.00	31.84 1.62 0.00
WHITEHAL_115KV_TB1 80871	17.23 1.27 0.00	19.78 1.47 0.00	25.30 1.79 0.00	23.24 1.66 0.00	25.05 1.95 0.00	29.20 2.90 0.00	35.60 3.63 0.00	38.91 3.91 0.00	39.49 4.21 0.00	36.76 3.82 0.00	39.81 4.07 0.00	39.79 3.95 0.00	43.98 4.29 0.00	49.02 4.25 0.00	47.73 4.28 0.00	42.16 3.95 0.00	44.15 3.59 0.00	47.62 4.22 0.00	43.98 3.76 0.00	42.09 3.86 0.00	40.12 3.69 0.00	34.57 3.32 0.00	40.72 3.70 0.00	32.94 2.71 0.00
WHITEPLN_13_KV_LOAD 356215	17.14 1.18 0.00	19.55 1.25 0.00	24.92 1.41 0.00	22.87 1.29 0.00	24.58 1.49 0.00	28.14 1.84 0.00	34.31 2.33 0.00	37.71 2.71 0.00	37.76 2.47 0.00	35.21 2.28 0.00	38.33 2.59 0.00	38.52 2.69 0.00	42.49 2.80 0.00	47.95 3.19 0.00	46.62 3.17 0.00	41.05 2.84 0.00	43.60 3.05 0.00	46.82 3.41 0.00	43.41 3.19 0.00	41.19 2.97 0.00	39.22 2.79 0.00	33.58 2.34 0.00	39.74 2.73 0.00	32.24 2.02 0.00
WM_FLOYD_69_KV_BK2 356380	21.13 1.43 -3.75	19.87 1.56 0.00	25.20 1.69 0.00	22.77 1.18 0.00	24.89 1.79 0.00	28.26 1.95 0.00	34.47 2.49 0.00	37.54 2.54 0.00	36.98 1.70 0.00	-12.25 1.56 46.75	20.23 2.15 17.66	38.91 2.91 -0.16	42.03 2.34 0.00	47.34 2.57 0.00	46.01 2.56 0.00	40.82 2.61 0.00	43.29 2.74 0.01	44.63 3.03 1.80	44.89 3.06 -1.60	41.19 2.97 0.01	39.09 2.67 0.01	33.16 1.92 0.01	39.25 2.24 0.00	32.14 1.92 0.00
WOODARD___115KV_TB2 355635	15.82 -0.14 0.00	18.17 -0.14 0.00	23.31 -0.19 0.00	21.42 -0.16 0.00	22.93 -0.17 0.00	26.05 -0.25 0.00	31.65 -0.33 0.00	34.56 -0.44 0.00	34.82 -0.46 0.00	32.50 -0.44 0.00	35.27 -0.48 0.00	35.35 -0.49 0.00	39.18 -0.51 0.00	44.19 -0.57 0.00	42.90 -0.56 0.00	37.72 -0.48 0.00	40.10 -0.46 0.00	42.88 -0.52 0.00	39.75 -0.47 0.00	37.74 -0.49 0.00	35.95 -0.47 0.00	30.83 -0.42 0.00	36.53 -0.49 0.00	29.91 -0.32 0.00
YORK___WARBASSE 23770	17.13 1.17 0.00	19.51 1.21 0.00	24.84 1.34 0.00	22.80 1.22 0.00	24.52 1.43 0.00	28.08 1.78 0.00	34.21 2.23 0.00	37.67 2.67 0.00	37.64 2.35 0.00	35.13 2.19 0.00	38.19 2.44 0.00	38.42 2.59 0.00	42.38 2.69 0.00	47.85 3.09 0.00	46.56 3.11 0.00	40.98 2.77 0.00	43.44 2.89 0.00	46.61 3.21 0.00	43.28 3.06 0.00	41.16 2.93 0.00	39.18 2.75 0.00	33.56 2.31 0.00	39.75 2.74 0.00	32.25 2.03 0.00