

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/17/2024

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	21.30	11.45	9.90	14.56	10.99	12.93	22.93	26.58	28.42	27.05	30.46	39.53	44.73	44.74	46.22	50.57	50.19	48.52	45.14	45.69	42.79	41.19	37.71	35.09
24138	1.24	0.68	0.55	0.81	0.62	0.78	1.27	1.52	1.87	1.84	2.33	2.90	3.08	3.10	3.30	3.61	3.58	3.03	2.38	2.11	2.06	2.28	2.13	2.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	21.36	11.48	9.92	14.60	11.02	12.95	22.97	26.62	28.44	27.05	30.43	39.50	44.72	44.70	46.17	50.55	50.18	48.57	45.22	45.82	42.91	41.28	37.78	35.14
24260	1.31	0.72	0.58	0.85	0.65	0.80	1.31	1.56	1.89	1.84	2.30	2.87	3.06	3.06	3.26	3.59	3.57	3.08	2.47	2.23	2.18	2.37	2.20	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	-0.02	0.00	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.36	11.48	9.92	14.60	11.02	12.95	22.97	26.62	28.44	27.05	30.43	39.50	44.72	44.70	46.17	50.55	50.18	48.57	45.22	45.82	42.91	41.28	37.78	35.14
24261	1.31	0.72	0.58	0.85	0.65	0.80	1.31	1.56	1.89	1.84	2.30	2.87	3.06	3.06	3.26	3.59	3.57	3.08	2.47	2.23	2.18	2.37	2.20	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	-0.02	0.00	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	21.64	11.57	10.00	14.76	11.16	13.15	23.50	27.14	28.48	26.69	29.60	38.20	43.68	43.76	41.67	49.34	48.90	47.86	45.01	45.83	43.30	41.69	38.15	35.45
24011	1.59	0.80	0.65	1.01	0.79	1.00	1.85	2.07	1.93	1.48	1.47	1.57	2.06	2.13	1.98	2.39	2.30	2.37	2.25	2.25	2.56	2.79	2.57	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.82	11.64	10.04	14.83	11.23	13.25	23.73	27.39	28.71	26.86	29.77	38.35	43.88	43.98	41.89	49.63	49.22	48.17	45.29	46.13	43.65	42.13	38.54	35.83
23798	1.77	0.88	0.69	1.08	0.86	1.10	2.07	2.32	2.16	1.65	1.64	1.72	2.26	2.34	2.18	2.67	2.62	2.68	2.54	2.55	2.92	3.23	2.96	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	21.64	11.57	10.00	14.76	11.16	13.15	23.50	27.14	28.48	26.69	29.60	38.20	43.68	43.76	41.67	49.34	48.90	47.86	45.01	45.83	43.30	41.69	38.15	35.45
24028	1.59	0.80	0.65	1.01	0.79	1.00	1.85	2.07	1.93	1.48	1.47	1.57	2.06	2.13	1.98	2.39	2.30	2.37	2.25	2.25	2.56	2.79	2.57	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	21.10	11.34	9.83	14.54	10.98	12.85	22.86	26.30	27.71	26.06	29.08	37.43	42.28	42.48	38.59	47.37	46.94	45.72	42.96	44.10	41.54	40.10	36.60	34.31
23527	1.04	0.57	0.49	0.78	0.61	0.69	1.20	1.24	1.16	0.85	0.95	0.80	0.68	0.85	0.73	0.41	0.34	0.23	0.21	0.52	0.80	1.20	1.02	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	20.50	11.02	9.54	14.08	10.60	12.44	22.06	25.44	26.82	25.34	28.36	36.71	41.64	41.77	40.07	47.09	46.76	45.56	42.75	43.61	40.86	39.30	35.86	33.40
24190	0.45	0.25	0.20	0.32	0.23	0.29	0.40	0.37	0.28	0.13	0.23	0.08	0.02	0.13	0.13	0.13	0.15	0.07	0.00	0.02	0.12	0.39	0.28	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	19.81	10.62	9.24	13.59	10.23	11.99	21.50	24.81	26.21	24.89	27.55	36.14	41.08	40.92	40.37	45.96	45.63	44.92	42.34	43.28	40.35	38.20	34.96	32.57
355683	-0.24	-0.14	-0.10	-0.17	-0.14	-0.16	-0.16	-0.26	-0.34	-0.32	-0.58	-0.49	-0.55	-0.72	-0.91	-0.99	-0.98	-0.57	-0.41	-0.30	-0.38	-0.70	-0.62	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.86	11.21	9.71	14.33	10.80	12.68	22.50	25.89	27.20	25.61	28.55	36.93	41.91	42.19	40.84	47.62	47.36	46.24	43.64	44.71	41.96	40.31	36.76	34.22
323833	0.80	0.44	0.37	0.58	0.43	0.53	0.84	0.82	0.65	0.40	0.42	0.30	0.28	0.55	0.43	0.66	0.75	0.75	0.89	1.13	1.23	1.40	1.18	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	20.85	11.20	9.71	14.33	10.80	12.67	22.49	25.88	27.19	25.61	28.54	36.92	41.89	42.18	40.82	47.62	47.34	46.23	43.62	44.70	41.94	40.28	36.75	34.22
323834	0.79	0.44	0.36	0.57	0.43	0.52	0.83	0.81	0.64	0.40	0.41	0.29	0.27	0.55	0.42	0.66	0.74	0.74	0.87	1.11	1.21	1.38	1.17	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.50	11.02	9.54	14.08	10.60	12.44	22.06	25.44	26.82	25.34	28.36	36.71	41.64	41.77	40.07	47.09	46.76	45.56	42.75	43.61	40.86	39.30	35.86	33.40
23571	0.45	0.25	0.20	0.32	0.23	0.29	0.40	0.37	0.28	0.13	0.23	0.08	0.02	0.13	0.13	0.13	0.15	0.07	0.00	0.02	0.12	0.39	0.28	0.34
	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	0.02	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	20.50 0.45 0.00	11.02 0.25 0.00	9.54 0.20 0.00	14.08 0.32 0.00	10.60 0.23 0.00	12.44 0.29 0.00	22.06 0.40 0.00	25.44 0.37 0.00	26.82 0.28 0.00	25.34 0.13 0.00	28.36 0.23 0.00	36.71 0.08 0.00	41.64 0.02 0.02	41.77 0.13 0.00	40.07 0.13 1.34	47.09 0.13 0.00	46.76 0.15 0.00	45.56 0.07 0.00	42.75 0.00 0.00	43.61 0.02 0.00	40.86 0.12 0.00	39.30 0.39 0.00	35.86 0.28 0.00	33.40 0.34 0.00
ALBANY___3 23573	20.50 0.45 0.00	11.02 0.25 0.00	9.54 0.20 0.00	14.08 0.32 0.00	10.60 0.23 0.00	12.44 0.29 0.00	22.06 0.40 0.00	25.44 0.37 0.00	26.82 0.28 0.00	25.34 0.13 0.00	28.36 0.23 0.00	36.71 0.08 0.00	41.64 0.02 0.02	41.77 0.13 0.00	40.07 0.13 1.34	47.09 0.13 0.00	46.76 0.15 0.00	45.56 0.07 0.00	42.75 0.00 0.00	43.61 0.02 0.00	40.86 0.12 0.00	39.30 0.39 0.00	35.86 0.28 0.00	33.40 0.34 0.00
ALBANY___4 23574	20.50 0.45 0.00	11.02 0.25 0.00	9.54 0.20 0.00	14.08 0.32 0.00	10.60 0.23 0.00	12.44 0.29 0.00	22.06 0.40 0.00	25.44 0.37 0.00	26.82 0.28 0.00	25.34 0.13 0.00	28.36 0.23 0.00	36.71 0.08 0.00	41.64 0.02 0.02	41.77 0.13 0.00	40.07 0.13 1.34	47.09 0.13 0.00	46.76 0.15 0.00	45.56 0.07 0.00	42.75 0.00 0.00	43.61 0.02 0.00	40.86 0.12 0.00	39.30 0.39 0.00	35.86 0.28 0.00	33.40 0.34 0.00
ALBANY___LFGE 323615	20.69 0.64 0.00	11.11 0.35 0.00	9.62 0.28 0.00	14.20 0.45 0.00	10.70 0.32 0.00	12.56 0.40 0.00	22.29 0.63 0.00	25.72 0.65 0.00	27.14 0.59 0.00	25.66 0.45 0.00	28.72 0.58 0.00	37.19 0.56 0.00	42.23 0.61 0.02	42.37 0.74 0.00	40.53 0.70 1.45	47.79 0.83 0.00	47.48 0.87 0.00	46.28 0.79 0.00	43.43 0.68 0.00	44.29 0.71 0.00	41.48 0.75 0.00	39.88 0.97 0.00	36.37 0.79 0.00	33.86 0.79 0.00
ALCOA_PA_115KV_PL-6C 55860	19.91 -0.14 0.00	10.68 -0.09 0.00	9.29 -0.05 0.00	13.65 -0.10 0.00	10.28 -0.09 0.00	12.06 -0.09 0.00	21.60 -0.05 0.00	24.79 -0.28 0.00	26.20 -0.34 0.00	24.87 -0.34 0.00	27.48 -0.65 0.00	36.19 -0.44 0.00	41.08 -0.56 0.00	40.84 -0.79 0.00	40.18 -1.10 0.00	45.90 -1.06 0.00	45.60 -1.01 0.00	45.09 -0.40 0.00	42.53 -0.22 0.00	43.49 -0.09 0.00	40.30 -0.43 0.00	38.18 -0.73 0.00	34.93 -0.65 0.00	32.56 -0.51 0.00
ALCOA_RYNLDS___DRP 24188	19.91 -0.14 0.00	10.68 -0.09 0.00	9.29 -0.05 0.00	13.65 -0.10 0.00	10.28 -0.09 0.00	12.06 -0.09 0.00	21.60 -0.05 0.00	24.79 -0.28 0.00	26.20 -0.34 0.00	24.87 -0.34 0.00	27.48 -0.65 0.00	36.19 -0.44 0.00	41.08 -0.56 0.00	40.84 -0.79 0.00	40.18 -1.10 0.00	45.90 -1.06 0.00	45.60 -1.01 0.00	45.09 -0.40 0.00	42.53 -0.22 0.00	43.49 -0.09 0.00	40.30 -0.43 0.00	38.18 -0.73 0.00	34.93 -0.65 0.00	32.56 -0.51 0.00
ALCOA___DSASP 323711	19.91 -0.14 0.00	10.68 -0.09 0.00	9.29 -0.05 0.00	13.66 -0.10 0.00	10.28 -0.09 0.00	12.06 -0.09 0.00	21.61 -0.05 0.00	24.79 -0.28 0.00	26.20 -0.35 0.00	24.87 -0.34 0.00	27.48 -0.65 0.00	36.19 -0.44 0.00	41.08 -0.56 0.00	40.84 -0.79 0.00	40.18 -1.10 0.00	45.90 -1.06 0.00	45.60 -1.01 0.00	45.09 -0.40 0.00	42.53 -0.22 0.00	43.50 -0.09 0.00	40.30 -0.43 0.00	38.18 -0.73 0.00	34.93 -0.65 0.00	32.56 -0.51 0.00
ALLEGHENY___COGEN 23514	16.98 -0.15 2.92	9.31 0.01 1.47	9.46 0.12 0.00	13.82 0.07 0.00	10.46 0.09 0.00	12.17 0.02 0.00	21.95 0.29 0.00	26.02 0.95 0.00	27.79 1.24 0.00	26.43 1.22 0.00	29.83 1.70 0.00	38.86 2.23 0.00	44.23 2.59 0.00	44.05 2.42 0.00	43.25 1.97 0.00	49.29 2.33 0.00	49.06 2.46 0.00	48.35 2.86 0.00	45.10 2.34 0.00	46.24 2.66 0.00	43.15 2.41 0.00	41.13 2.22 0.00	37.49 1.91 0.00	34.44 1.37 0.00
ALTAMONT_115KV_TB 2 55880	20.61 0.55 0.00	11.07 0.30 0.00	9.58 0.24 0.00	14.14 0.38 0.00	10.65 0.28 0.00	12.50 0.35 0.00	22.22 0.56 0.00	25.65 0.58 0.00	27.11 0.56 0.00	25.65 0.44 0.00	28.68 0.55 0.00	37.17 0.54 0.00	42.18 0.55 0.01	42.30 0.67 0.00	41.03 0.64 0.89	47.68 0.73 0.00	47.35 0.75 0.00	46.12 0.63 0.00	43.30 0.55 0.00	44.17 0.58 0.00	41.36 0.63 0.00	39.73 0.82 0.00	36.29 0.71 0.00	33.78 0.71 0.00
ALTONA_WT_PWR 323606	19.98 -0.06 0.00	10.64 -0.12 0.00	9.21 -0.13 0.00	13.52 -0.23 0.00	10.22 -0.15 0.00	11.96 -0.19 0.00	21.51 -0.14 0.00	24.79 -0.27 0.00	26.36 -0.19 0.00	24.90 -0.32 0.00	28.00 -0.13 0.00	36.79 0.16 0.00	42.07 0.43 0.00	41.74 0.11 0.00	41.17 -0.11 0.00	46.90 -0.05 0.00	46.95 0.34 0.00	46.49 1.00 0.00	44.03 1.27 0.00	45.03 1.45 0.00	41.47 0.73 0.00	38.36 -0.54 0.00	34.97 -0.61 0.00	32.97 -0.10 0.00
AMERICAN_REF_FUEL 24010	16.83 -1.29 1.94	9.32 -0.47 0.97	9.06 -0.29 0.00	13.11 -0.65 0.00	9.98 -0.39 0.00	11.49 -0.66 0.00	20.57 -1.09 0.00	24.60 -0.47 0.00	26.66 0.11 0.00	25.66 0.45 0.00	28.94 0.81 0.00	37.72 1.09 0.00	42.99 1.35 0.00	42.93 1.30 0.00	42.76 1.48 0.00	48.37 1.41 0.00	47.86 1.25 0.00	45.98 0.49 0.00	43.19 0.44 0.00	44.63 1.04 0.00	41.52 0.79 0.00	39.58 0.68 0.00	36.57 0.99 0.00	33.83 0.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.29 -1.37 2.39	9.02 -0.55 1.20	9.02 -0.33 0.00	13.12 -0.63 0.00	9.92 -0.45 0.00	11.49 -0.66 0.00	20.83 -0.83 0.00	25.11 0.04 0.00	27.38 0.83 0.00	26.56 1.35 0.00	30.24 2.11 0.00	39.29 2.67 0.00	45.06 3.43 0.00	45.13 3.49 0.00	45.15 3.87 0.00	50.89 3.93 0.00	50.32 3.71 0.00	48.29 2.80 0.00	45.28 2.53 0.00	46.74 3.16 0.00	43.27 2.53 0.00	40.85 1.94 0.00	37.17 1.59 0.00	34.17 1.10 0.00
ARTHUR KILL_GT_1 23520	21.10 1.05 0.00	11.33 0.57 0.00	9.78 0.44 0.00	14.39 0.64 0.00	10.86 0.49 0.00	12.77 0.61 0.00	22.62 0.96 0.00	26.22 1.15 0.00	28.03 1.48 0.00	26.64 1.43 0.00	30.01 1.88 0.00	38.99 2.36 0.00	44.00 2.34 -0.02	44.18 2.55 0.00	45.58 2.67 -1.63	49.91 2.96 0.00	49.59 2.98 0.00	48.06 2.57 0.00	44.05 1.76 0.46	44.91 1.51 0.19	41.95 1.57 0.35	40.78 1.88 0.01	37.43 1.85 0.00	34.81 1.74 0.00
ARTHUR_KILL_2 23512	21.04 0.99 0.00	11.30 0.54 0.00	9.75 0.41 0.00	14.35 0.60 0.00	10.83 0.46 0.00	12.74 0.58 0.00	22.55 0.89 0.00	26.14 1.08 0.00	27.94 1.40 0.00	26.56 1.35 0.00	29.92 1.79 0.00	38.86 2.23 0.00	43.85 2.20 -0.02	44.02 2.39 0.00	45.42 2.50 -1.63	49.72 2.76 0.00	49.37 2.76 0.00	47.84 2.35 0.00	43.87 1.57 0.46	44.71 1.31 0.19	41.75 1.37 0.35	40.61 1.71 0.01	37.29 1.71 0.00	34.68 1.61 0.00
ARTHUR_KILL_3 23513	21.17 1.12 0.00	11.37 0.61 0.00	9.83 0.49 0.00	14.47 0.71 0.00	10.92 0.55 0.00	12.83 0.68 0.00	22.72 1.06 0.00	26.30 1.23 0.00	28.07 1.52 0.00	26.67 1.46 0.00	30.00 1.87 0.00	38.89 2.26 0.00	43.98 2.32 -0.02	43.90 2.27 0.00	45.38 2.46 -1.63	49.61 2.65 0.00	49.27 2.66 0.00	47.70 2.21 0.00	43.95 1.66 0.46	44.77 1.38 0.19	41.83 1.44 0.34	40.59 1.69 0.00	37.18 1.60 0.00	34.66 1.59 0.00

ARTHUR_KILL_COGEN 323718	21.10 1.05 0.00	11.33 0.57 0.00	9.78 0.44 0.00	14.39 0.64 0.00	10.86 0.49 0.00	12.77 0.61 0.00	22.62 0.96 0.00	26.22 1.15 0.00	28.03 1.48 0.00	26.64 1.43 0.00	30.01 1.88 0.00	38.99 2.36 0.00	44.00 2.34 -0.02	44.18 2.55 0.00	45.58 2.67 -1.63	49.91 2.96 0.00	49.59 2.98 0.00	48.06 2.57 0.00	44.05 1.76 0.46	44.91 1.51 0.19	41.95 1.57 0.35	40.78 1.88 0.01	37.43 1.85 0.00	34.81 1.74 0.00
ASHOKAN____ 23654	20.95 0.90 0.00	11.23 0.46 0.00	9.71 0.36 0.00	14.31 0.56 0.00	10.79 0.42 0.00	12.71 0.55 0.00	22.77 1.11 0.00	26.28 1.22 0.00	27.69 1.14 0.00	26.05 0.84 0.00	29.14 1.02 0.00	37.62 0.99 0.00	42.76 1.12 0.00	43.07 1.43 0.00	42.96 1.68 0.00	49.03 2.07 0.00	49.10 2.49 0.00	48.04 2.55 0.00	45.43 2.68 0.00	46.60 3.02 0.00	43.71 2.97 0.00	41.81 2.90 0.00	37.93 2.34 0.00	35.10 2.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.25 1.20 0.00	11.41 0.65 0.00	9.85 0.51 0.00	14.50 0.75 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.80 1.14 0.00	26.37 1.30 0.00	28.15 1.61 0.00	26.76 1.55 0.00	30.08 1.95 0.00	38.96 2.34 0.01	44.13 2.47 -0.02	44.09 2.46 0.00	45.48 2.57 -1.63	49.63 2.67 0.00	49.22 2.62 0.00	47.69 2.20 0.00	44.44 1.69 0.00	45.07 1.49 0.00	42.29 1.55 0.00	40.78 1.88 0.00	37.42 1.84 0.00	34.84 1.78 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.25 1.20 0.00	11.41 0.65 0.00	9.85 0.51 0.00	14.50 0.75 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.80 1.14 0.00	26.37 1.30 0.00	28.16 1.61 0.00	26.76 1.55 0.00	30.08 1.95 0.00	38.96 2.34 0.01	44.13 2.47 -0.02	44.09 2.46 0.00	45.48 2.57 -1.63	49.63 2.67 0.00	49.22 2.62 0.00	47.69 2.20 0.00	44.44 1.69 0.00	45.07 1.49 0.00	42.29 1.55 0.00	40.78 1.88 0.00	37.42 1.84 0.00	34.84 1.78 0.00
ASTORIA_GT2_1 24094	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT2_2 24095	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT2_3 24096	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT2_4 24097	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT3_1 24098	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT3_2 24099	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT3_3 24100	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT3_4 24101	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT4_1 24102	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT4_2 24103	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT4_3 24104	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00

ASTORIA_GT4_4 24105	21.26 1.20 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	38.98 2.35 0.00	44.16 2.51 -0.02	44.12 2.48 0.00	45.50 2.59 -1.63	49.67 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA_GT_1 23523	21.29 1.24 0.00	11.43 0.67 0.00	9.87 0.53 0.00	14.53 0.77 0.00	10.96 0.59 0.00	12.90 0.74 0.00	22.84 1.18 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.83 1.62 0.00	30.16 2.03 0.00	39.07 2.44 0.01	44.26 2.61 -0.02	44.22 2.59 0.00	45.62 2.71 -1.63	49.79 2.84 0.00	49.38 2.77 0.00	47.86 2.37 0.00	44.58 1.82 0.00	45.21 1.63 0.00	42.41 1.68 0.00	40.90 1.99 0.00	37.53 1.95 0.00	34.93 1.87 0.00
ASTORIA_GT_10 24110	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.15 1.60 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.20 2.57 0.00	45.61 2.70 -1.63	49.87 2.91 0.00	49.48 2.87 0.00	47.90 2.41 0.00	44.59 1.83 0.00	45.19 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
ASTORIA_GT_11 24225	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.15 1.60 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.20 2.57 0.00	45.61 2.70 -1.63	49.87 2.91 0.00	49.48 2.87 0.00	47.90 2.41 0.00	44.59 1.83 0.00	45.19 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
ASTORIA_GT_12 24226	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.15 1.60 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.20 2.57 0.00	45.61 2.70 -1.63	49.87 2.91 0.00	49.48 2.87 0.00	47.90 2.41 0.00	44.59 1.83 0.00	45.19 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
ASTORIA_GT_13 24227	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.15 1.60 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.20 2.57 0.00	45.61 2.70 -1.63	49.87 2.91 0.00	49.48 2.87 0.00	47.90 2.41 0.00	44.59 1.83 0.00	45.19 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
ASTORIA_GT_5 24106	21.29 1.24 0.00	11.43 0.67 0.00	9.87 0.53 0.00	14.53 0.77 0.00	10.96 0.59 0.00	12.90 0.74 0.00	22.84 1.18 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.83 1.62 0.00	30.17 2.04 0.00	39.08 2.45 0.00	44.27 2.62 -0.02	44.23 2.59 0.00	45.62 2.70 -1.63	49.80 2.84 0.00	49.38 2.78 0.00	47.86 2.37 0.00	44.58 1.82 0.00	45.21 1.63 0.00	42.41 1.68 0.00	40.90 1.99 0.00	37.53 1.95 0.00	34.94 1.87 0.00
ASTORIA_GT_7 24107	21.29 1.24 0.00	11.43 0.67 0.00	9.87 0.53 0.00	14.53 0.77 0.00	10.96 0.59 0.00	12.90 0.74 0.00	22.84 1.18 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.83 1.62 0.00	30.17 2.04 0.00	39.08 2.45 0.00	44.27 2.62 -0.02	44.23 2.59 0.00	45.62 2.70 -1.63	49.80 2.84 0.00	49.38 2.78 0.00	47.86 2.37 0.00	44.58 1.82 0.00	45.21 1.63 0.00	42.41 1.68 0.00	40.90 1.99 0.00	37.53 1.95 0.00	34.94 1.87 0.00
ASTORIA_GT_8 24108	21.29 1.24 0.00	11.43 0.67 0.00	9.87 0.53 0.00	14.53 0.77 0.00	10.96 0.59 0.00	12.90 0.74 0.00	22.84 1.18 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.83 1.62 0.00	30.17 2.04 0.00	39.08 2.45 0.00	44.27 2.62 -0.02	44.23 2.59 0.00	45.62 2.70 -1.63	49.80 2.84 0.00	49.38 2.78 0.00	47.86 2.37 0.00	44.58 1.82 0.00	45.21 1.63 0.00	42.41 1.68 0.00	40.90 1.99 0.00	37.53 1.95 0.00	34.94 1.87 0.00
ASTORIA___2 24149	21.26 1.21 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.15 0.00	26.38 1.31 0.00	28.17 1.62 0.00	26.77 1.56 0.00	30.10 1.97 0.00	38.98 2.35 0.01	44.16 2.51 -0.02	44.11 2.48 0.00	45.50 2.59 -1.63	49.66 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.10 1.52 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
ASTORIA___3 23516	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.10 1.97 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.19 2.56 0.00	45.61 2.70 -1.63	49.87 2.91 0.00	49.48 2.87 0.00	47.89 2.40 0.00	44.59 1.83 0.00	45.18 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
ASTORIA___4 23517	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.15 1.60 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.20 2.57 0.00	45.61 2.69 -1.63	49.87 2.91 0.00	49.47 2.87 0.00	47.89 2.41 0.00	44.59 1.83 0.00	45.19 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
ASTORIA___5 23518	21.26 1.21 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.15 0.00	26.38 1.31 0.00	28.17 1.62 0.00	26.77 1.56 0.00	30.10 1.97 0.00	38.98 2.35 0.01	44.16 2.50 -0.02	44.11 2.48 0.00	45.50 2.59 -1.63	49.66 2.71 0.00	49.25 2.65 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.09 1.51 0.00	42.31 1.58 0.00	40.81 1.90 0.00	37.45 1.87 0.00	34.86 1.79 0.00
AST_ENERGY_2_CC3 323677	21.17 1.12 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.48 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.76 1.10 0.00	26.33 1.27 0.00	28.10 1.55 0.00	26.73 1.52 0.00	30.06 1.93 0.00	38.97 2.35 0.00	44.11 2.46 -0.02	44.09 2.46 0.00	45.56 2.65 -1.63	49.84 2.88 0.00	49.48 2.88 0.00	47.89 2.41 0.00	44.60 1.84 0.00	45.18 1.59 0.00	42.33 1.59 0.00	40.73 1.82 0.00	37.31 1.73 0.00	34.74 1.67 0.00
AST_ENERGY_2_CC4 323678	21.17 1.12 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.48 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.76 1.10 0.00	26.33 1.27 0.00	28.10 1.55 0.00	26.73 1.52 0.00	30.06 1.93 0.00	38.97 2.35 0.00	44.11 2.46 -0.02	44.09 2.46 0.00	45.56 2.65 -1.63	49.84 2.88 0.00	49.48 2.88 0.00	47.89 2.41 0.00	44.60 1.84 0.00	45.18 1.59 0.00	42.33 1.59 0.00	40.73 1.82 0.00	37.31 1.73 0.00	34.74 1.67 0.00

ATHENS_STG_1 23668	20.65 0.60 0.00	11.08 0.32 0.00	9.59 0.25 0.00	14.15 0.39 0.00	10.65 0.28 0.00	12.51 0.36 0.00	22.23 0.57 0.00	25.65 0.58 0.00	27.20 0.65 0.00	25.79 0.58 0.00	28.88 0.75 0.00	37.45 0.82 0.00	42.44 0.80 -0.01	42.50 0.86 0.00	42.85 0.94 -0.63	48.01 1.05 0.00	47.61 1.00 0.00	46.28 0.79 0.00	43.33 0.58 0.00	44.08 0.49 0.00	41.27 0.53 0.00	39.67 0.76 0.00	36.27 0.68 0.00	33.77 0.71 0.00
ATHENS_STG_2 23670	20.65 0.60 0.00	11.08 0.32 0.00	9.59 0.25 0.00	14.15 0.39 0.00	10.65 0.28 0.00	12.51 0.36 0.00	22.23 0.57 0.00	25.65 0.58 0.00	27.20 0.65 0.00	25.79 0.58 0.00	28.88 0.75 0.00	37.45 0.82 0.00	42.44 0.80 -0.01	42.50 0.86 0.00	42.85 0.94 -0.63	48.01 1.05 0.00	47.61 1.00 0.00	46.28 0.79 0.00	43.33 0.58 0.00	44.08 0.49 0.00	41.27 0.53 0.00	39.67 0.76 0.00	36.27 0.68 0.00	33.77 0.71 0.00
ATHENS_STG_3 23677	20.65 0.60 0.00	11.08 0.32 0.00	9.59 0.25 0.00	14.15 0.39 0.00	10.65 0.28 0.00	12.51 0.36 0.00	22.23 0.57 0.00	25.65 0.58 0.00	27.20 0.65 0.00	25.79 0.58 0.00	28.88 0.75 0.00	37.45 0.82 0.00	42.44 0.80 -0.01	42.50 0.86 0.00	42.85 0.94 -0.63	48.01 1.05 0.00	47.61 1.00 0.00	46.28 0.79 0.00	43.33 0.58 0.00	44.08 0.49 0.00	41.27 0.53 0.00	39.67 0.76 0.00	36.27 0.68 0.00	33.77 0.71 0.00
AUBURN___LFGE 323710	20.70 0.02 -0.63	11.12 0.04 -0.32	9.38 0.03 0.00	13.80 0.05 0.00	10.44 0.07 0.00	12.20 0.05 0.00	21.72 0.05 0.00	25.35 0.28 0.00	26.97 0.42 0.00	25.69 0.48 0.00	28.78 0.65 0.00	37.54 0.88 -0.03	42.60 0.93 -0.04	42.77 1.13 0.00	42.62 1.34 0.00	48.46 1.41 -0.10	48.26 1.65 0.00	47.06 1.58 0.00	44.39 1.63 0.00	45.02 1.44 0.00	41.91 1.17 0.00	40.00 1.09 0.00	36.61 1.03 0.00	33.75 0.68 0.00
BABYLON_RES_REC 323704	21.52 1.47 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.96 0.80 0.00	22.84 1.18 0.00	26.52 1.46 0.00	28.27 1.72 0.00	26.95 1.74 0.00	45.07 2.33 -14.61	46.86 2.83 -7.40	47.00 2.98 -2.39	50.04 2.96 -5.46	67.89 3.14 -23.47	57.10 3.55 -6.59	59.29 3.59 -9.10	80.99 3.24 -32.27	81.95 2.72 -36.47	66.14 2.49 -20.07	61.05 2.32 -18.00	63.75 2.60 -22.25	61.90 2.45 -23.87	43.98 2.41 -8.50
BABYLON__69_KV_BK2 356345	21.70 1.65 0.00	11.69 0.92 0.00	10.11 0.77 0.00	14.82 1.07 0.00	11.20 0.83 0.00	13.06 0.91 0.00	23.02 1.36 0.00	26.75 1.68 0.00	28.53 1.98 0.00	27.20 1.99 0.00	45.39 2.65 -14.61	47.27 3.24 -7.40	47.50 3.48 -2.39	50.50 3.47 -5.40	68.03 3.66 -23.09	57.49 4.11 -6.41	59.63 4.08 -8.94	81.07 3.74 -31.84	82.42 3.20 -36.47	66.40 2.97 -19.85	61.22 2.73 -17.75	63.93 3.07 -21.95	62.36 2.91 -23.87	44.38 2.82 -8.49
BALL_HILL_WT_PWR 323825	16.75 -1.02 2.28	9.24 -0.37 1.14	9.15 -0.19 0.00	13.33 -0.43 0.00	10.10 -0.26 0.00	11.69 -0.47 0.00	21.03 -0.63 0.00	25.19 0.12 0.00	27.31 0.76 0.00	26.36 1.15 0.00	29.82 1.69 0.00	38.82 2.18 0.00	44.37 2.73 0.00	44.33 2.69 0.00	44.27 2.99 0.00	50.03 3.08 0.00	49.56 2.95 0.00	47.46 1.98 0.00	44.55 1.79 0.00	45.94 2.36 0.00	42.66 1.93 0.00	40.53 1.62 0.00	37.24 1.66 0.00	34.36 1.29 0.00
BARON_WINDS___WT_PWR 323822	15.02 -1.16 3.87	8.29 -0.53 1.94	9.01 -0.33 0.00	13.20 -0.55 0.00	9.97 -0.40 0.00	11.59 -0.56 0.00	20.90 -0.76 0.00	24.82 -0.25 0.00	26.87 0.32 0.00	25.90 0.69 0.00	29.21 1.08 0.00	38.04 1.40 -0.01	43.43 1.79 -0.01	43.40 1.76 0.00	43.31 2.03 0.00	49.16 2.17 -0.02	48.36 1.75 0.00	46.73 1.24 0.00	43.52 0.76 0.00	44.69 1.10 0.00	41.59 0.86 0.00	39.56 0.66 0.00	36.08 0.50 0.00	33.25 0.18 0.00
BARRETT_IC_1 23704	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_10 23701	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_11 23702	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_12 23703	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_2 23705	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_3 23706	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_4 23707	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50

BARRETT_IC_5 23708	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_6 23709	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_7 23710	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.90 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.73 2.71 -2.39	49.88 2.70 -5.54	68.22 2.82 -24.12	56.99 3.14 -6.89	59.13 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.62 2.06 -8.49
BARRETT_IC_8 23711	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT_IC_9 23700	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT___1 23545	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BARRETT___2 23546	21.41 1.36 0.00	11.53 0.77 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.67 0.00	12.91 0.75 0.00	22.74 1.08 0.00	26.36 1.29 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.84 2.10 -14.61	46.58 2.55 -7.40	46.72 2.70 -2.39	49.88 2.70 -5.54	68.23 2.82 -24.12	57.00 3.14 -6.89	59.14 3.15 -9.38	81.16 2.67 -33.00	81.33 2.10 -36.47	66.08 2.03 -20.47	61.11 1.94 -18.43	63.92 2.24 -22.77	61.63 2.18 -23.87	43.63 2.06 -8.50
BATAVIA__115KV_TB1 55881	17.99 -0.42 1.65	9.88 -0.06 0.82	9.40 0.05 0.00	13.65 -0.10 0.00	10.38 0.01 0.00	12.01 -0.14 0.00	21.57 -0.09 0.00	25.75 0.69 0.00	27.81 1.26 0.00	26.70 1.49 0.00	30.06 1.92 0.00	39.21 2.59 0.00	44.87 3.23 0.00	44.91 3.28 0.00	44.88 3.60 0.00	50.97 4.02 0.00	50.66 4.06 0.00	48.81 3.32 0.00	45.85 3.10 0.00	47.21 3.62 0.00	43.95 3.21 0.00	41.86 2.95 0.00	38.43 2.85 0.00	35.40 2.33 0.00
BAYONEEC___CTG1 323682	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG10 323750	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG2 323683	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG3 323684	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG4 323685	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG5 323686	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG6 323687	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00

BAYONEEC___CTG7 323688	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG8 323689	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BAYONEEC___CTG9 323749	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.38 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.17 2.52 -0.02	44.14 2.50 0.00	45.61 2.70 -1.63	49.88 2.92 0.00	49.53 2.92 0.00	47.94 2.46 0.00	44.63 1.87 0.00	45.21 1.62 0.00	42.38 1.65 0.00	40.79 1.88 0.00	37.36 1.78 0.00	34.80 1.73 0.00
BEACON___LESR 323632	20.73 0.68 0.00	11.12 0.36 0.00	9.63 0.29 0.00	14.20 0.44 0.00	10.71 0.34 0.00	12.59 0.44 0.00	22.40 0.74 0.00	25.87 0.80 0.00	27.25 0.70 0.00	25.75 0.54 0.00	28.79 0.66 0.00	37.41 0.78 0.00	42.43 0.81 0.02	42.53 0.90 0.00	40.72 0.85 1.42	48.09 1.13 0.00	47.87 1.27 0.00	46.54 1.05 0.00	43.73 0.98 0.00	44.65 1.06 0.00	41.69 0.96 0.00	40.15 1.25 0.00	36.57 0.99 0.00	33.98 0.91 0.00
BEAVER RIVER___HYD 24048	19.90 -0.15 0.00	10.65 -0.12 0.00	9.18 -0.17 0.00	13.46 -0.30 0.00	10.16 -0.22 0.00	11.99 -0.17 0.00	21.61 -0.05 0.00	25.44 0.37 0.00	27.13 0.58 0.00	25.84 0.62 0.00	28.25 0.12 0.00	37.06 0.42 -0.02	42.18 0.52 -0.02	41.50 -0.13 0.00	40.87 -0.40 0.00	47.07 0.06 -0.06	47.09 0.49 0.00	46.89 1.40 0.00	44.65 1.89 0.00	46.02 2.43 0.00	42.98 2.24 0.00	40.99 2.08 0.00	36.55 0.97 0.00	33.36 0.30 0.00
BEEBEE_GT_13 23619	18.39 -0.48 1.19	10.02 -0.14 0.59	9.29 -0.06 0.00	13.55 -0.20 0.00	10.27 -0.09 0.00	11.94 -0.21 0.00	21.37 -0.29 0.00	25.24 0.17 0.00	27.09 0.55 0.00	25.98 0.76 0.00	29.30 1.17 0.00	38.28 1.65 0.00	43.71 2.07 0.00	43.73 2.10 0.00	43.64 2.36 0.00	49.63 2.67 0.00	49.27 2.66 0.00	47.61 2.12 0.00	44.68 1.92 0.00	45.77 2.19 0.00	42.58 1.85 0.00	40.55 1.64 0.00	37.16 1.58 0.00	34.29 1.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.34 1.29 0.00	11.45 0.69 0.00	9.89 0.55 0.00	14.55 0.80 0.00	10.98 0.61 0.00	12.92 0.76 0.00	22.88 1.22 0.00	26.55 1.48 0.00	28.38 1.83 0.00	27.00 1.79 0.00	30.40 2.28 0.00	39.47 2.84 0.00	44.69 3.03 -0.02	44.78 3.15 0.00	46.20 3.28 -1.63	50.60 3.64 0.00	50.22 3.62 0.00	48.63 3.14 0.00	45.19 2.44 0.00	45.81 2.22 0.00	42.96 2.23 0.00	41.39 2.48 0.00	37.91 2.33 0.00	35.23 2.16 0.00
BETHLEHEM___GRP 23843	20.50 0.45 0.00	11.02 0.25 0.00	9.54 0.20 0.00	14.08 0.32 0.00	10.60 0.23 0.00	12.44 0.29 0.00	22.06 0.40 0.00	25.44 0.37 0.00	26.82 0.28 0.00	25.34 0.13 0.00	28.36 0.23 0.00	36.71 0.08 0.00	41.64 0.02 0.02	41.77 0.13 0.00	40.07 0.13 1.34	47.09 0.13 0.00	46.76 0.15 0.00	45.56 0.07 0.00	42.75 0.00 0.00	43.61 0.02 0.00	40.86 0.12 0.00	39.30 0.39 0.00	35.86 0.28 0.00	33.40 0.34 0.00
BETHLEHEM___GS1 323560	20.50 0.46 0.00	11.02 0.25 0.00	9.54 0.20 0.00	14.08 0.32 0.00	10.60 0.23 0.00	12.44 0.29 0.00	22.06 0.40 0.00	25.44 0.37 0.00	26.82 0.28 0.00	25.34 0.13 0.00	28.36 0.22 0.00	36.71 0.08 0.00	41.63 0.01 0.02	41.77 0.13 0.00	40.07 0.13 1.34	47.09 0.13 0.00	46.76 0.15 0.00	45.56 0.07 0.00	42.75 0.00 0.00	43.61 0.02 0.00	40.86 0.12 0.00	39.30 0.39 0.00	35.86 0.28 0.00	33.40 0.34 0.00
BETHLEHEM___GS2 323561	20.50 0.46 0.00	11.02 0.25 0.00	9.54 0.20 0.00	14.08 0.32 0.00	10.60 0.23 0.00	12.44 0.29 0.00	22.06 0.40 0.00	25.44 0.37 0.00	26.82 0.28 0.00	25.34 0.13 0.00	28.36 0.22 0.00	36.71 0.08 0.00	41.63 0.01 0.02	41.77 0.13 0.00	40.07 0.13 1.34	47.09 0.13 0.00	46.76 0.15 0.00	45.56 0.07 0.00	42.75 0.00 0.00	43.61 0.02 0.00	40.86 0.12 0.00	39.30 0.39 0.00	35.86 0.28 0.00	33.40 0.34 0.00
BETHLEHEM___GS3 323562	20.50 0.46 0.00	11.02 0.25 0.00	9.54 0.20 0.00	14.08 0.32 0.00	10.60 0.23 0.00	12.44 0.29 0.00	22.06 0.40 0.00	25.44 0.37 0.00	26.82 0.28 0.00	25.34 0.13 0.00	28.36 0.22 0.00	36.71 0.08 0.00	41.63 0.01 0.02	41.77 0.13 0.00	40.07 0.13 1.34	47.09 0.13 0.00	46.76 0.15 0.00	45.56 0.07 0.00	42.75 0.00 0.00	43.61 0.02 0.00	40.86 0.12 0.00	39.30 0.39 0.00	35.86 0.28 0.00	33.40 0.34 0.00
BETHLEHEM___STEEL 23779	16.96 -0.86 2.22	9.37 -0.28 1.12	9.22 -0.12 0.00	13.39 -0.36 0.00	10.17 -0.20 0.00	11.75 -0.40 0.00	21.11 -0.55 0.00	25.26 0.19 0.00	27.38 0.84 0.00	26.39 1.18 0.00	29.80 1.67 0.00	38.86 2.23 0.00	44.35 2.71 0.00	44.32 2.68 0.00	44.20 2.92 0.00	50.01 3.05 0.00	49.52 2.91 0.00	47.53 2.04 0.00	44.60 1.85 0.00	46.03 2.44 0.00	42.78 2.04 0.00	40.73 1.82 0.00	37.49 1.91 0.00	34.60 1.54 0.00
BETHLHEM_115KV_TB1 79974	20.52 0.47 0.00	11.02 0.26 0.00	9.54 0.20 0.00	14.09 0.33 0.00	10.61 0.24 0.00	12.45 0.30 0.00	22.09 0.43 0.00	25.48 0.41 0.00	26.88 0.33 0.00	25.41 0.20 0.00	28.44 0.30 0.00	36.81 0.19 0.00	41.75 0.13 0.02	41.88 0.25 0.00	40.26 0.24 1.26	47.23 0.28 0.00	46.88 0.27 0.00	45.68 0.19 0.00	42.86 0.11 0.00	43.73 0.14 0.00	40.95 0.22 0.00	39.38 0.47 0.00	35.94 0.36 0.00	33.48 0.41 0.00
BETHPAGE_CC_5 323564	21.51 1.46 0.00	11.58 0.82 0.00	10.01 0.67 0.00	14.69 0.93 0.00	11.09 0.72 0.00	12.96 0.81 0.00	22.84 1.18 0.00	26.51 1.45 0.00	28.27 1.72 0.00	26.95 1.74 0.00	45.02 2.28 -14.61	46.83 2.80 -7.40	46.99 2.96 -2.39	50.07 2.96 -5.48	68.07 3.11 -23.68	57.14 3.49 -6.69	59.34 3.54 -9.19	81.14 3.15 -32.50	81.82 2.60 -36.47	66.17 2.38 -20.20	61.11 2.23 -18.14	63.83 2.50 -22.42	61.83 2.38 -23.87	43.92 2.35 -8.50
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.00 -0.78 2.27	9.38 -0.24 1.14	9.25 -0.09 0.00	13.43 -0.32 0.00	10.20 -0.17 0.00	11.79 -0.36 0.00	21.19 -0.47 0.00	25.36 0.29 0.00	27.50 0.95 0.00	26.51 1.30 0.00	29.94 1.81 0.00	39.07 2.44 0.00	44.56 2.92 0.00	44.54 2.91 0.00	44.42 3.14 0.00	50.27 3.31 0.00	49.78 3.17 0.00	47.76 2.27 0.00	44.82 2.06 0.00	46.25 2.66 0.00	42.97 2.24 0.00	40.90 2.00 0.00	37.64 2.06 0.00	34.75 1.68 0.00

BINGHAMTON___COGEN 23790	20.03 -0.02 0.00	10.77 0.00 0.00	9.38 0.03 0.00	13.80 0.04 0.00	10.41 0.04 0.00	12.16 0.01 0.00	21.72 0.06 0.00	25.33 0.26 0.00	26.97 0.43 0.00	25.73 0.52 0.00	28.86 0.73 0.00	37.53 0.89 -0.01	42.79 1.13 -0.02	42.75 1.12 0.00	42.62 1.35 0.00	48.50 1.49 -0.04	48.11 1.50 0.00	46.53 1.05 0.00	43.75 1.00 0.00	44.65 1.06 0.00	41.63 0.89 0.00	39.76 0.86 0.00	36.39 0.80 0.00	33.70 0.64 0.00
BIXINCNT_115KV_LOAD 355685	16.64 -0.89 2.52	9.12 -0.37 1.27	9.11 -0.23 0.00	13.29 -0.46 0.00	10.13 -0.24 0.00	11.75 -0.41 0.00	21.29 -0.37 0.00	25.51 0.44 0.00	27.70 1.16 0.00	26.70 1.48 0.00	30.09 1.96 0.00	39.31 2.68 0.00	44.73 3.09 0.00	44.67 3.04 0.00	44.61 3.33 0.00	50.09 3.13 0.00	49.81 3.21 0.00	47.91 2.42 0.00	44.44 1.68 0.00	45.92 2.33 0.00	42.50 1.77 0.00	40.47 1.57 0.00	37.28 1.70 0.00	34.56 1.49 0.00
BLACK RIVER___HYD 24047	19.89 -0.16 0.00	10.65 -0.11 0.00	9.17 -0.17 0.00	13.45 -0.31 0.00	10.16 -0.21 0.00	11.99 -0.17 0.00	21.66 0.00 0.00	25.65 0.58 0.00	27.36 0.81 0.00	26.04 0.83 0.00	28.42 0.29 0.00	37.24 0.58 -0.03	42.39 0.72 -0.04	41.62 -0.02 0.00	41.02 -0.26 0.00	47.27 0.21 -0.10	47.35 0.75 0.00	47.19 1.70 0.00	45.01 2.25 0.00	46.54 2.95 0.00	43.63 2.89 0.00	41.67 2.77 0.00	37.03 1.45 0.00	33.66 0.59 0.00
BLACKRVR_115KV_TB2 79977	19.89 -0.16 0.00	10.65 -0.11 0.00	9.17 -0.17 0.00	13.45 -0.31 0.00	10.16 -0.21 0.00	11.99 -0.17 0.00	21.66 0.00 0.00	25.65 0.58 0.00	27.36 0.81 0.00	26.04 0.83 0.00	28.42 0.29 0.00	37.24 0.58 -0.03	42.39 0.72 -0.04	41.61 -0.02 0.00	41.02 -0.26 0.00	47.28 0.22 -0.10	47.35 0.75 0.00	47.19 1.70 0.00	45.01 2.25 0.00	46.54 2.95 0.00	43.63 2.89 0.00	41.67 2.77 0.00	37.03 1.45 0.00	33.66 0.59 0.00
BLISS_WT_PWR 323608	16.53 -1.00 2.52	9.05 -0.45 1.27	9.06 -0.29 0.00	13.21 -0.55 0.00	10.07 -0.29 0.00	11.69 -0.46 0.00	21.23 -0.43 0.00	25.47 0.41 0.00	27.68 1.14 0.00	26.69 1.48 0.00	30.07 1.94 0.00	39.31 2.68 0.00	44.74 3.10 0.00	44.69 3.06 0.00	44.61 3.33 0.00	49.99 3.03 0.00	49.78 3.18 0.00	47.92 2.43 0.00	44.32 1.56 0.00	45.82 2.24 0.00	42.36 1.62 0.00	40.34 1.43 0.00	37.17 1.59 0.00	34.47 1.40 0.00
BLUESTONE___WT_PWR 323821	21.40 -0.03 -1.38	11.28 -0.18 -0.69	9.28 -0.07 0.00	13.67 -0.08 0.00	10.31 -0.06 0.00	12.20 0.05 0.00	21.91 0.25 0.00	26.13 1.06 0.00	27.90 1.35 0.00	26.54 1.33 0.00	29.67 1.54 0.00	38.57 1.93 -0.01	44.06 2.41 -0.02	44.20 2.57 0.00	43.92 2.64 0.00	50.22 3.22 -0.04	49.96 3.35 0.00	48.67 3.18 0.00	45.88 3.12 0.00	46.74 3.15 0.00	43.12 2.38 0.00	41.48 2.57 0.00	38.32 2.74 0.00	35.08 2.02 0.00
BLUE_CIRC_CHEM_DRP 24182	20.70 0.65 0.00	11.12 0.36 0.00	9.63 0.29 0.00	14.23 0.47 0.00	10.72 0.35 0.00	12.58 0.43 0.00	22.34 0.68 0.00	25.72 0.66 0.00	27.09 0.54 0.00	25.56 0.35 0.00	28.54 0.41 0.00	36.94 0.31 0.00	41.91 0.29 0.01	42.10 0.47 0.00	40.79 0.39 0.88	47.48 0.52 0.00	47.14 0.54 0.00	45.98 0.50 0.00	43.28 0.53 0.00	44.24 0.66 0.00	41.48 0.75 0.00	39.85 0.94 0.00	36.37 0.79 0.00	33.89 0.82 0.00
BOC_GAS_DRP 24189	20.53 0.48 0.00	11.03 0.26 0.00	9.55 0.21 0.00	14.09 0.33 0.00	10.61 0.25 0.00	12.45 0.30 0.00	22.13 0.47 0.00	25.54 0.47 0.00	27.01 0.46 0.00	25.56 0.35 0.00	28.60 0.47 0.00	37.07 0.44 0.00	42.03 0.40 0.01	42.12 0.49 0.00	40.92 0.50 0.86	47.51 0.55 0.00	47.13 0.53 0.00	45.89 0.40 0.00	43.03 0.28 0.00	43.88 0.29 0.00	41.08 0.34 0.00	39.47 0.57 0.00	36.06 0.48 0.00	33.60 0.53 0.00
BOONVILLE_115KV_TB1 79983	20.21 0.16 0.00	10.82 0.06 0.00	9.35 0.01 0.00	13.76 0.00 0.00	10.39 0.02 0.00	12.23 0.08 0.00	21.92 0.26 0.00	25.60 0.54 0.00	27.21 0.66 0.00	25.88 0.66 0.00	28.66 0.53 0.00	37.46 0.83 -0.01	42.63 0.99 -0.01	42.43 0.80 0.00	42.01 0.73 0.00	48.09 1.10 -0.03	48.01 1.40 0.00	47.25 1.76 0.00	44.74 1.98 0.00	45.89 2.31 0.00	42.87 2.14 0.00	40.90 2.00 0.00	36.85 1.27 0.00	33.88 0.81 0.00
BORALEX_4TH_BRANCH 23824	21.09 1.04 0.00	11.34 0.57 0.00	9.83 0.49 0.00	14.54 0.78 0.00	10.98 0.61 0.00	12.85 0.69 0.00	22.87 1.20 0.00	26.30 1.24 0.00	27.71 1.16 0.00	26.06 0.85 0.00	29.08 0.95 0.00	37.43 0.80 0.00	42.28 0.69 0.04	42.48 0.85 0.00	38.59 0.73 3.43	47.37 0.41 0.00	46.94 0.33 0.00	45.72 0.23 0.00	42.96 0.21 0.00	44.10 0.52 0.00	41.54 0.80 0.00	40.11 1.20 0.00	36.60 1.02 0.00	34.32 1.25 0.00
BOWLINE___1 23526	21.00 0.95 0.00	11.27 0.51 0.00	9.74 0.40 0.00	14.35 0.59 0.00	10.82 0.45 0.00	12.71 0.56 0.00	22.54 0.88 0.00	26.08 1.02 0.00	27.80 1.25 0.00	26.39 1.18 0.00	29.67 1.54 0.00	38.48 1.85 0.00	43.55 1.90 -0.02	43.48 1.84 0.00	44.79 1.99 -1.51	49.19 2.24 0.00	48.91 2.30 0.00	47.41 1.92 0.00	44.18 1.42 0.00	44.82 1.24 0.00	41.89 1.16 0.00	40.27 1.37 0.00	36.84 1.26 0.00	34.35 1.28 0.00
BOWLINE___2 23595	21.00 0.95 0.00	11.27 0.51 0.00	9.74 0.40 0.00	14.35 0.59 0.00	10.82 0.45 0.00	12.71 0.56 0.00	22.54 0.88 0.00	26.09 1.02 0.00	27.80 1.25 0.00	26.40 1.19 0.00	29.68 1.55 0.00	38.49 1.86 0.00	43.58 1.93 -0.02	43.53 1.89 0.00	44.83 2.04 -1.52	49.21 2.26 0.00	48.91 2.31 0.00	47.41 1.92 0.00	44.18 1.43 0.00	44.83 1.24 0.00	41.91 1.17 0.00	40.28 1.38 0.00	36.87 1.29 0.00	34.38 1.31 0.00
BRADY___115KV_TB2 356060	20.07 0.02 0.00	10.75 -0.01 0.00	9.36 0.02 0.00	13.76 0.00 0.00	10.35 -0.02 0.00	12.16 0.01 0.00	21.82 0.16 0.00	25.04 -0.03 0.00	26.48 -0.06 0.00	25.11 -0.10 0.00	27.49 -0.64 0.00	36.23 -0.40 0.00	41.11 -0.52 0.00	40.78 -0.85 0.00	40.06 -1.22 0.00	45.82 -1.14 0.00	45.51 -1.09 0.00	45.13 -0.36 0.00	42.67 -0.09 0.00	43.87 0.29 0.00	40.81 0.08 0.00	38.70 -0.21 0.00	35.38 -0.20 0.00	32.94 -0.13 0.00
BRANSCOMB___SOLAR 323811	21.25 1.20 0.00	11.39 0.62 0.00	9.85 0.51 0.00	14.55 0.79 0.00	10.98 0.61 0.00	12.91 0.76 0.00	23.04 1.38 0.00	26.55 1.49 0.00	27.90 1.35 0.00	26.23 1.02 0.00	29.20 1.07 0.00	37.75 1.12 0.00	43.12 1.50 0.02	43.22 1.59 0.00	40.92 1.40 1.76	48.56 1.60 0.00	48.21 1.60 0.00	47.13 1.64 0.00	44.38 1.62 0.00	45.30 1.72 0.00	42.65 1.92 0.00	41.03 2.12 0.00	37.47 1.89 0.00	34.88 1.81 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.57 1.52 0.00	11.63 0.87 0.00	10.06 0.72 0.00	14.75 0.99 0.00	11.14 0.77 0.00	12.99 0.84 0.00	22.86 1.20 0.00	26.57 1.50 0.00	28.31 1.76 0.00	26.98 1.77 0.00	45.17 2.43 -14.61	46.96 2.93 -7.40	47.13 3.10 -2.39	49.99 3.05 -5.30	66.82 3.19 -22.35	56.49 3.46 -6.07	58.47 3.24 -8.63	79.40 2.91 -30.99	81.66 2.43 -36.47	65.17 2.19 -19.39	60.04 2.05 -17.26	62.82 2.55 -21.36	62.00 2.55 -23.87	44.13 2.57 -8.49



BRISTLHL_115KV_TB1 79998	19.73 -0.32 0.00	10.61 -0.16 0.00	9.22 -0.13 0.00	13.55 -0.21 0.00	10.22 -0.15 0.00	11.96 -0.19 0.00	21.32 -0.34 0.00	24.73 -0.34 0.00	26.23 -0.32 0.00	24.96 -0.26 0.00	27.97 -0.16 0.00	36.45 -0.24 -0.06	41.55 -0.16 -0.08	41.46 -0.18 0.00	41.19 -0.10 0.00	47.09 -0.09 -0.21	46.63 0.02 0.00	45.42 -0.06 0.00	42.73 -0.02 0.00	43.64 0.05 0.00	40.71 -0.03 0.00	38.89 -0.02 0.00	35.51 -0.07 0.00	32.91 -0.16 0.00
BROOKHAVEN___DRP 24191	21.50 1.45 0.00	11.58 0.82 0.00	10.02 0.68 0.00	14.68 0.93 0.00	11.11 0.74 0.00	12.94 0.79 0.00	22.77 1.11 0.00	26.44 1.38 0.00	28.17 1.62 0.00	26.88 1.67 0.00	45.02 2.29 -14.61	46.80 2.77 -7.40	46.95 2.93 -2.39	49.88 2.90 -5.36	67.12 3.09 -22.75	56.80 3.59 -6.25	59.05 3.65 -8.80	80.26 3.33 -31.45	82.09 2.86 -36.47	65.88 2.64 -19.66	60.67 2.41 -17.53	63.22 2.63 -21.68	61.92 2.47 -23.87	44.01 2.45 -8.49
BROOKLYN_NAVY_YARD 23515	21.17 1.12 0.00	11.37 0.61 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.91 0.54 0.00	12.83 0.67 0.00	22.74 1.08 0.00	26.32 1.25 0.00	28.10 1.55 0.00	26.72 1.51 0.00	30.00 1.88 0.01	38.90 2.28 0.02	44.03 2.38 -0.01	44.01 2.38 0.01	45.47 2.57 -1.62	49.74 2.80 0.01	49.39 2.79 0.01	47.81 2.33 0.01	44.51 1.76 0.01	45.10 1.52 0.00	42.26 1.53 0.01	40.68 1.78 0.00	37.28 1.70 0.00	34.75 1.69 0.00
BROOKLYN___ARMY_DRP 323595	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
BROOKVLE_69_KV_TB1 55790	21.47 1.42 0.00	11.55 0.79 0.00	9.98 0.64 0.00	14.66 0.91 0.00	11.07 0.70 0.00	12.96 0.81 0.00	22.92 1.26 0.00	26.60 1.54 0.00	28.37 1.82 0.00	27.04 1.83 0.00	45.13 2.40 -14.61	47.00 2.97 -7.40	47.24 3.22 -2.39	50.42 3.24 -5.54	68.78 3.37 -24.12	57.61 3.76 -6.89	59.73 3.75 -9.38	81.77 3.28 -33.00	81.92 2.69 -36.47	66.59 2.53 -20.47	61.63 2.46 -18.43	64.27 2.60 -22.77	61.99 2.54 -23.87	44.06 2.50 -8.49
BROOME_2_LFGE 323671	20.02 -0.03 0.00	10.76 0.00 0.00	9.38 0.03 0.00	13.80 0.04 0.00	10.41 0.04 0.00	12.16 0.01 0.00	21.72 0.06 0.00	25.33 0.27 0.00	26.97 0.43 0.00	25.73 0.52 0.00	28.86 0.73 0.00	37.53 0.89 -0.01	42.79 1.14 -0.02	42.76 1.12 0.00	42.62 1.34 0.00	48.50 1.50 -0.04	48.11 1.50 0.00	46.53 1.04 0.00	43.75 1.00 0.00	44.65 1.06 0.00	41.62 0.89 0.00	39.76 0.85 0.00	36.39 0.81 0.00	33.70 0.64 0.00
BROOME___LFGE 323600	20.02 -0.03 0.00	10.76 0.00 0.00	9.38 0.03 0.00	13.80 0.04 0.00	10.41 0.04 0.00	12.16 0.01 0.00	21.72 0.06 0.00	25.33 0.27 0.00	26.97 0.43 0.00	25.73 0.52 0.00	28.86 0.73 0.00	37.53 0.89 -0.01	42.79 1.14 -0.02	42.76 1.12 0.00	42.62 1.34 0.00	48.50 1.50 -0.04	48.11 1.50 0.00	46.53 1.04 0.00	43.75 1.00 0.00	44.65 1.06 0.00	41.62 0.89 0.00	39.76 0.85 0.00	36.39 0.81 0.00	33.70 0.64 0.00
BROWNFLS_115KV_TB_3_5 80003	19.89 -0.16 0.00	10.64 -0.13 0.00	9.21 -0.13 0.00	13.51 -0.24 0.00	10.18 -0.19 0.00	12.00 -0.15 0.00	21.61 -0.05 0.00	25.12 0.05 0.00	26.71 0.16 0.00	25.41 0.19 0.00	27.80 -0.34 0.00	36.59 -0.05 -0.01	41.57 -0.08 -0.02	40.91 -0.72 0.00	40.24 -1.04 0.00	46.24 -0.76 -0.04	46.13 -0.48 0.00	45.88 0.40 0.00	43.58 0.82 0.00	44.79 1.21 0.00	41.70 0.96 0.00	39.70 0.80 0.00	35.83 0.25 0.00	33.04 -0.03 0.00
BROWNSV1_27_KV_LOAD 356125	21.36 1.31 0.00	11.48 0.72 0.00	9.92 0.58 0.00	14.60 0.84 0.00	11.01 0.64 0.00	12.94 0.79 0.00	22.96 1.30 0.00	26.60 1.53 0.00	28.41 1.86 0.00	27.02 1.81 0.00	30.40 2.27 0.00	39.42 2.79 0.00	44.64 2.98 -0.02	44.61 2.98 0.00	46.09 3.18 -1.63	50.46 3.50 0.00	50.11 3.50 0.00	48.51 3.02 0.00	45.15 2.39 0.00	45.74 2.15 0.00	42.86 2.12 0.00	41.24 2.34 0.00	37.76 2.18 0.00	35.14 2.07 0.00
BURROWS___LYONSDAL 23803	20.09 0.04 0.00	10.75 -0.01 0.00	9.27 -0.07 0.00	13.64 -0.12 0.00	10.30 -0.06 0.00	12.14 -0.01 0.00	21.79 0.13 0.00	25.53 0.47 0.00	27.17 0.62 0.00	25.86 0.64 0.00	28.53 0.40 0.00	37.34 0.70 -0.01	42.50 0.85 -0.01	42.15 0.51 0.00	41.68 0.40 0.00	47.81 0.82 -0.03	47.76 1.16 0.00	47.18 1.69 0.00	44.73 1.98 0.00	45.94 2.35 0.00	42.91 2.18 0.00	40.94 2.03 0.00	36.73 1.15 0.00	33.67 0.60 0.00
CAITHNESS_CC_1 323624	21.50 1.45 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.93 0.00	11.11 0.74 0.00	12.94 0.79 0.00	22.76 1.11 0.00	26.43 1.37 0.00	28.16 1.61 0.00	26.87 1.66 0.00	45.01 2.28 -14.61	46.78 2.76 -7.40	46.92 2.90 -2.39	49.85 2.86 -5.36	67.11 3.06 -22.77	56.75 3.53 -6.26	58.99 3.58 -8.81	80.19 3.23 -31.48	81.99 2.77 -36.47	65.79 2.54 -19.67	60.61 2.34 -17.54	63.17 2.56 -21.70	61.87 2.42 -23.87	43.98 2.41 -8.50
CALPINE BETH_PAGE_GT4 24209	21.51 1.46 0.00	11.58 0.82 0.00	10.01 0.67 0.00	14.69 0.93 0.00	11.09 0.72 0.00	12.96 0.81 0.00	22.83 1.17 0.00	26.50 1.43 0.00	28.25 1.70 0.00	26.93 1.72 0.00	44.94 2.20 -14.61	46.72 2.69 -7.40	46.88 2.86 -2.39	50.03 2.85 -5.54	68.41 3.01 -24.12	57.22 3.36 -6.89	59.40 3.41 -9.38	81.51 3.02 -33.00	81.70 2.47 -36.47	66.31 2.26 -20.47	61.29 2.12 -18.43	64.06 2.39 -22.77	61.74 2.29 -23.87	43.89 2.33 -8.49
CALPINE_BETH_PAGE_GT_4 323586	21.51 1.46 0.00	11.58 0.82 0.00	10.01 0.67 0.00	14.69 0.93 0.00	11.09 0.72 0.00	12.96 0.81 0.00	22.83 1.17 0.00	26.50 1.43 0.00	28.25 1.70 0.00	26.93 1.72 0.00	44.94 2.20 -14.61	46.72 2.69 -7.40	46.87 2.85 -2.39	50.02 2.85 -5.54	68.41 3.01 -24.12	57.22 3.36 -6.89	59.40 3.42 -9.38	81.51 3.02 -33.00	81.70 2.47 -36.47	66.31 2.25 -20.47	61.29 2.12 -18.43	64.06 2.39 -22.77	61.73 2.29 -23.87	43.89 2.32 -8.50
CALPINE_BP_GT1 23823	21.51 1.46 0.00	11.58 0.82 0.00	10.01 0.67 0.00	14.69 0.93 0.00	11.09 0.72 0.00	12.96 0.81 0.00	22.83 1.17 0.00	26.50 1.43 0.00	28.25 1.70 0.00	26.93 1.72 0.00	44.94 2.20 -14.61	46.72 2.69 -7.40	46.87 2.85 -2.39	50.02 2.85 -5.54	68.41 3.01 -24.12	57.22 3.36 -6.89	59.40 3.42 -9.38	81.51 3.02 -33.00	81.70 2.47 -36.47	66.31 2.25 -20.47	61.29 2.12 -18.43	64.06 2.39 -22.77	61.73 2.29 -23.87	43.89 2.32 -8.50
CALSPAN___DRP 24200	16.96 -0.86 2.22	9.37 -0.28 1.12	9.22 -0.12 0.00	13.39 -0.36 0.00	10.17 -0.20 0.00	11.75 -0.40 0.00	21.11 -0.55 0.00	25.26 0.19 0.00	27.38 0.84 0.00	26.39 1.18 0.00	29.80 1.67 0.00	38.86 2.23 0.00	44.35 2.71 0.00	44.32 2.68 0.00	44.20 2.92 0.00	50.01 3.05 0.00	49.52 2.91 0.00	47.53 2.04 0.00	44.60 1.85 0.00	46.03 2.44 0.00	42.78 2.04 0.00	40.73 1.82 0.00	37.49 1.91 0.00	34.60 1.54 0.00

CALVERTON___SOLAR 323806	21.53 1.48 0.00	11.60 0.83 0.00	10.03 0.69 0.00	14.70 0.95 0.00	11.13 0.76 0.00	12.96 0.81 0.00	22.81 1.15 0.00	26.49 1.43 0.00	28.21 1.67 0.00	26.93 1.72 0.00	45.08 2.34 -14.61	46.89 2.86 -7.40	47.04 3.02 -2.39	49.99 3.00 -5.36	67.23 3.21 -22.74	56.95 3.74 -6.25	59.24 3.84 -8.79	80.45 3.52 -31.44	82.27 3.05 -36.47	66.06 2.83 -19.65	60.84 2.58 -17.52	63.35 2.77 -21.68	62.03 2.58 -23.87	44.09 2.53 -8.50
CANDIGU_WT_PWR 323617	15.02 -1.16 3.87	8.29 -0.53 1.94	9.01 -0.33 0.00	13.20 -0.55 0.00	9.97 -0.40 0.00	11.59 -0.56 0.00	20.90 -0.76 0.00	24.82 -0.25 0.00	26.87 0.32 0.00	25.90 0.69 0.00	29.21 1.08 0.00	38.04 1.40 -0.01	43.43 1.79 -0.01	43.40 1.76 0.00	43.31 2.03 0.00	49.16 2.17 -0.02	48.36 1.75 0.00	46.73 1.24 0.00	43.52 0.76 0.00	44.69 1.10 0.00	41.59 0.86 0.00	39.56 0.66 0.00	36.08 0.50 0.00	33.25 0.18 0.00
CARR STREET_E_SYR 24060	19.86 -0.20 0.00	10.67 -0.09 0.00	9.28 -0.06 0.00	13.64 -0.11 0.00	10.30 -0.07 0.00	12.05 -0.10 0.00	21.47 -0.18 0.00	24.94 -0.13 0.00	26.48 -0.07 0.00	25.23 0.03 0.00	28.29 0.16 0.00	36.87 0.23 -0.02	42.02 0.36 -0.02	41.96 0.33 0.00	41.71 0.43 0.00	47.52 0.50 -0.07	47.20 0.60 0.00	45.94 0.45 0.00	43.19 0.43 0.00	44.01 0.43 0.00	41.04 0.31 0.00	39.18 0.27 0.00	35.78 0.20 0.00	33.23 0.16 0.00
CARTHAGE___PAPER 23857	19.99 -0.06 0.00	10.70 -0.07 0.00	9.22 -0.12 0.00	13.52 -0.24 0.00	10.21 -0.17 0.00	12.05 -0.11 0.00	21.75 0.09 0.00	25.66 0.59 0.00	27.36 0.81 0.00	26.04 0.83 0.00	28.43 0.30 -0.02	37.23 0.58 -0.03	42.36 0.69 0.00	41.70 0.06 0.00	41.04 -0.24 0.00	47.28 0.24 -0.08	47.34 0.73 0.00	47.21 1.72 0.00	45.02 2.26 0.00	46.51 2.92 0.00	43.52 2.78 0.00	41.52 2.62 0.00	36.95 1.37 0.00	33.67 0.60 0.00
CASSADAGA_WT_PWR 323784	16.27 -1.36 2.42	9.02 -0.53 1.21	9.03 -0.31 0.00	13.16 -0.59 0.00	9.94 -0.44 0.00	11.53 -0.62 0.00	20.98 -0.68 0.00	25.36 0.30 0.00	27.70 1.15 0.00	26.86 1.65 0.00	30.59 2.46 0.00	39.70 3.07 0.00	45.46 3.82 0.00	45.55 3.92 0.00	45.55 4.27 0.00	51.36 4.40 0.00	50.68 4.08 0.00	48.76 3.27 0.00	45.64 2.89 0.00	47.11 3.53 0.00	43.58 2.84 0.00	41.09 2.18 0.00	37.32 1.74 0.00	34.33 1.26 0.00
CE_DUNWOOD___DRP 24194	21.12 1.07 0.00	11.34 0.58 0.00	9.80 0.46 0.00	14.43 0.68 0.00	10.88 0.52 0.00	12.80 0.64 0.00	22.69 1.03 0.00	26.25 1.19 0.00	27.98 1.43 0.00	26.58 1.37 0.00	29.88 1.75 0.00	38.74 2.11 0.00	43.88 2.22 -0.02	43.87 2.23 0.00	45.30 2.39 -1.63	49.62 2.66 0.00	49.30 2.70 0.00	47.78 2.29 0.00	44.54 1.78 0.00	45.17 1.59 0.00	42.27 1.54 0.00	40.65 1.75 0.00	37.20 1.62 0.00	34.64 1.57 0.00
CE_MILLWOOD___DRP 24193	21.08 1.03 0.00	11.32 0.56 0.00	9.79 0.44 0.00	14.41 0.65 0.00	10.86 0.50 0.00	12.77 0.62 0.00	22.65 0.99 0.00	26.20 1.14 0.00	27.91 1.36 0.00	26.51 1.31 0.00	29.80 1.67 0.00	38.64 2.01 0.00	43.77 2.12 -0.02	43.75 2.12 0.00	45.17 2.27 -1.62	49.50 2.54 0.00	49.19 2.58 0.00	47.69 2.20 0.00	44.46 1.70 0.00	45.09 1.51 0.00	42.19 1.45 0.00	40.56 1.66 0.00	37.12 1.54 0.00	34.56 1.50 0.00
CE_NYC2_DRP 24202	21.21 1.16 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.75 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.78 1.13 0.00	26.40 1.33 0.00	28.19 1.64 0.00	26.80 1.59 0.00	30.14 2.01 0.00	39.08 2.45 0.00	44.25 2.59 -0.02	44.25 2.61 0.00	45.68 2.76 -1.63	49.94 2.99 0.00	49.55 2.94 0.00	47.96 2.47 0.00	44.63 1.88 0.00	45.23 1.65 0.00	42.40 1.67 0.00	40.87 1.96 0.00	37.44 1.86 0.00	34.83 1.76 0.00
CE_NYC_DRP 24195	21.22 1.17 0.00	11.41 0.64 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.80 1.15 0.00	26.41 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.17 2.04 0.00	39.11 2.48 0.00	44.27 2.62 -0.02	44.26 2.63 0.00	45.73 2.81 -1.63	50.02 3.07 0.00	49.67 3.07 0.00	48.08 2.59 0.00	44.76 2.01 0.00	45.33 1.74 0.00	42.47 1.73 0.00	40.87 1.96 0.00	37.43 1.85 0.00	34.85 1.78 0.00
CHAFFEE___LFGE 323603	16.94 -0.74 2.37	9.36 -0.22 1.19	9.28 -0.06 0.00	13.49 -0.27 0.00	10.24 -0.13 0.00	11.83 -0.32 0.00	21.25 -0.41 0.00	25.43 0.36 0.00	27.57 1.02 0.00	26.57 1.36 0.00	29.99 1.86 0.00	39.08 2.45 0.00	44.63 2.99 0.00	44.60 2.97 0.00	44.51 3.23 0.00	50.36 3.40 0.00	49.87 3.26 0.00	47.85 2.36 0.00	44.92 2.17 0.00	46.35 2.76 0.00	43.07 2.34 0.00	41.01 2.10 0.00	37.74 2.16 0.00	34.80 1.73 0.00
CHATEAUG_35_KV_LOAD 355732	19.80 -0.25 0.00	10.55 -0.22 0.00	9.15 -0.19 0.00	13.43 -0.33 0.00	10.14 -0.23 0.00	11.88 -0.27 0.00	21.39 -0.27 0.00	24.66 -0.41 0.00	26.13 -0.42 0.00	24.75 -0.46 0.00	27.63 -0.50 0.00	36.32 -0.31 0.00	41.47 -0.16 0.00	41.19 -0.44 0.00	40.59 -0.69 0.00	46.19 -0.76 0.00	46.11 -0.50 0.00	45.72 0.23 0.00	43.25 0.49 0.00	44.16 0.58 0.00	40.76 0.02 0.00	38.05 -0.85 0.00	34.78 -0.80 0.00	32.65 -0.42 0.00
CHATEAUG_WT_PWR 323614	19.98 -0.07 0.00	10.62 -0.15 0.00	9.17 -0.17 0.00	13.47 -0.28 0.00	10.19 -0.18 0.00	11.93 -0.22 0.00	21.47 -0.19 0.00	24.74 -0.33 0.00	26.27 -0.27 0.00	24.73 -0.48 0.00	28.00 -0.13 0.00	36.84 0.21 0.00	42.26 0.62 0.00	41.89 0.25 0.00	41.29 0.01 0.00	47.01 0.06 0.00	47.20 0.59 0.00	46.81 1.32 0.00	44.44 1.69 0.00	45.58 2.00 0.00	41.79 1.05 0.00	38.25 -0.65 0.00	34.92 -0.66 0.00	33.11 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	19.80 -0.25 0.00	10.55 -0.22 0.00	9.15 -0.19 0.00	13.43 -0.33 0.00	10.14 -0.23 0.00	11.88 -0.27 0.00	21.39 -0.27 0.00	24.66 -0.41 0.00	26.13 -0.42 0.00	24.75 -0.46 0.00	27.63 -0.50 0.00	36.32 -0.31 0.00	41.47 -0.16 0.00	41.19 -0.44 0.00	40.59 -0.69 0.00	46.19 -0.76 0.00	46.11 -0.50 0.00	45.72 0.23 0.00	43.25 0.49 0.00	44.16 0.58 0.00	40.76 0.02 0.00	38.05 -0.85 0.00	34.78 -0.80 0.00	32.65 -0.42 0.00
CHAUTAUQUA___LFGE 323629	16.64 -1.08 2.34	9.18 -0.41 1.17	9.13 -0.21 0.00	13.30 -0.46 0.00	10.07 -0.30 0.00	11.66 -0.50 0.00	21.04 -0.62 0.00	25.26 0.19 0.00	27.43 0.88 0.00	26.54 1.33 0.00	30.11 1.98 0.00	39.14 2.51 0.00	44.83 3.19 0.00	44.84 3.21 0.00	44.85 3.57 0.00	50.63 3.67 0.00	50.11 3.50 0.00	47.97 2.49 0.00	45.01 2.26 0.00	46.42 2.83 0.00	43.08 2.34 0.00	40.83 1.92 0.00	37.35 1.77 0.00	34.40 1.33 0.00
CHERRYST_13_KV_LD 356241	21.28 1.23 0.00	11.44 0.68 0.00	9.89 0.55 0.00	14.56 0.80 0.00	10.98 0.61 0.00	12.91 0.76 0.00	22.89 1.23 0.00	26.53 1.46 0.00	28.34 1.79 0.00	26.96 1.75 0.00	30.34 2.21 0.00	39.35 2.73 0.00	44.55 2.90 -0.02	44.54 2.90 0.00	46.01 3.09 -1.63	50.34 3.38 0.00	49.98 3.37 0.00	48.37 2.88 0.00	44.99 2.24 0.00	45.56 1.98 0.00	42.67 1.93 0.00	41.03 2.13 0.00	37.59 2.01 0.00	34.98 1.92 0.00

CHESTROR_138KV_BK263 355645	20.87 0.82 0.00	11.21 0.45 0.00	9.69 0.35 0.00	14.27 0.52 0.00	10.76 0.39 0.00	12.64 0.49 0.00	22.43 0.77 0.00	25.95 0.89 0.00	27.62 1.08 0.00	26.23 1.02 0.00	29.45 1.32 0.00	38.20 1.57 0.00	43.31 1.66 -0.02	43.31 1.68 0.00	44.46 1.84 -1.35	49.06 2.10 0.00	48.78 2.18 0.00	47.37 1.88 0.00	44.24 1.49 0.00	44.94 1.35 0.00	42.00 1.27 0.00	40.34 1.43 0.00	36.86 1.28 0.00	34.30 1.23 0.00
CH_MIDHUDSON___DRP 24192	21.09 1.04 0.00	11.31 0.55 0.00	9.78 0.43 0.00	14.40 0.64 0.00	10.86 0.49 0.00	12.77 0.61 0.00	22.68 1.02 0.00	26.21 1.14 0.00	27.87 1.33 0.00	26.44 1.23 0.00	29.69 1.56 0.00	38.49 1.86 0.00	43.60 1.95 -0.01	43.65 2.01 0.00	44.59 2.18 -1.13	49.45 2.50 0.00	49.19 2.58 0.00	47.76 2.27 0.00	44.60 1.84 0.00	45.28 1.70 0.00	42.34 1.61 0.00	40.68 1.78 0.00	37.17 1.59 0.00	34.58 1.51 0.00
CH_MISC_IPPS 23765	21.18 1.13 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.90 0.54 0.00	12.82 0.67 0.00	22.77 1.12 0.00	26.35 1.28 0.00	28.04 1.49 0.00	26.61 1.40 0.00	29.90 1.77 0.00	38.79 2.16 0.00	43.96 2.31 -0.02	44.03 2.39 0.00	45.13 2.60 -1.25	49.98 3.02 0.00	49.75 3.14 0.00	48.31 2.82 0.00	45.10 2.35 0.00	45.78 2.20 0.00	42.78 2.05 0.00	41.08 2.17 0.00	37.51 1.93 0.00	34.85 1.79 0.00
CH_RES_BVR_FALLS 23983	19.41 -0.64 0.00	10.38 -0.38 0.00	9.03 -0.31 0.00	13.27 -0.49 0.00	9.99 -0.37 0.00	11.71 -0.44 0.00	20.99 -0.67 0.00	24.39 -0.67 0.00	25.96 -0.59 0.00	24.79 -0.42 0.00	27.42 -0.71 0.00	35.95 -0.68 0.00	40.90 -0.73 0.00	40.66 -0.98 0.00	40.14 -1.14 0.00	45.90 -1.06 0.00	45.65 -0.96 0.00	44.96 -0.52 0.00	42.37 -0.38 0.00	43.26 -0.32 0.00	40.38 -0.36 0.00	38.19 -0.72 0.00	34.76 -0.82 0.00	32.24 -0.83 0.00
CH_RES_NIAGARA 23895	16.80 -1.35 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.60 -1.06 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.84 0.70 0.00	37.47 0.84 0.00	42.52 0.88 0.00	42.43 0.80 0.00	42.26 0.98 0.00	47.77 0.81 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.49 0.00	41.00 0.27 0.00	39.10 0.20 0.00	36.31 0.74 0.00	33.64 0.57 0.00
CH_RES_SYRACUSE 23985	19.96 -0.08 0.00	10.74 -0.02 0.00	9.33 -0.01 0.00	13.71 -0.04 0.00	10.36 0.00 0.00	12.12 -0.04 0.00	21.59 -0.07 0.00	25.08 0.02 0.00	26.62 0.07 0.00	25.36 0.15 0.00	28.41 0.28 0.00	37.04 0.38 -0.03	42.23 0.55 -0.04	42.24 0.61 0.00	42.02 0.74 0.00	47.91 0.83 -0.12	47.58 0.97 0.00	46.34 0.85 0.00	43.57 0.81 0.00	44.34 0.75 0.00	41.32 0.59 0.00	39.45 0.54 0.00	36.02 0.44 0.00	33.36 0.29 0.00
CLINTON_WT_PWR 323605	19.98 -0.07 0.00	10.62 -0.15 0.00	9.17 -0.17 0.00	13.47 -0.28 0.00	10.19 -0.18 0.00	11.93 -0.22 0.00	21.47 -0.19 0.00	24.74 -0.33 0.00	26.27 -0.27 0.00	24.73 -0.48 0.00	28.00 -0.13 0.00	36.84 0.21 0.00	42.26 0.62 0.00	41.89 0.25 0.00	41.29 0.01 0.00	47.01 0.06 0.00	47.20 0.59 0.00	46.81 1.32 0.00	44.44 1.69 0.00	45.58 2.00 0.00	41.79 1.05 0.00	38.25 -0.65 0.00	34.92 -0.66 0.00	33.11 0.04 0.00
CLINTON___LFGE 323618	20.12 0.07 0.00	10.71 -0.05 0.00	9.27 -0.08 0.00	13.61 -0.14 0.00	10.28 -0.08 0.00	12.05 -0.10 0.00	21.70 0.04 0.00	25.02 -0.05 0.00	26.60 0.05 0.00	25.08 -0.13 0.00	28.28 0.15 0.00	37.06 0.43 0.00	42.34 0.70 0.00	42.00 0.36 0.00	41.46 0.18 0.00	47.27 0.31 0.00	47.34 0.74 0.00	46.98 1.49 0.00	44.52 1.77 0.00	45.63 2.05 0.00	42.04 1.31 0.00	38.88 -0.03 0.00	35.39 -0.20 0.00	33.35 0.28 0.00
COBBLENY_34_KV_TB1 80064	16.95 -0.73 2.37	9.36 -0.21 1.19	9.28 -0.06 0.00	13.48 -0.27 0.00	10.24 -0.13 0.00	11.83 -0.32 0.00	21.25 -0.41 0.00	25.43 0.36 0.00	27.57 1.02 0.00	26.56 1.35 0.00	29.99 1.86 0.00	39.08 2.45 0.00	44.61 2.97 0.00	44.59 2.95 0.00	44.51 3.23 0.00	50.35 3.39 0.00	49.87 3.27 0.00	47.85 2.36 0.00	44.93 2.17 0.00	46.35 2.77 0.00	43.08 2.34 0.00	41.01 2.10 0.00	37.74 2.16 0.00	34.80 1.73 0.00
COFFEEN___115KV_TB3 355620	20.04 -0.01 0.00	10.73 -0.03 0.00	9.25 -0.09 0.00	13.56 -0.20 0.00	10.24 -0.13 0.00	12.08 -0.06 0.00	21.85 0.18 0.00	25.86 0.79 0.00	27.60 1.05 0.00	26.26 1.05 0.00	28.59 0.46 0.00	37.43 0.78 -0.03	42.63 0.95 -0.04	41.82 0.19 0.00	41.25 -0.03 0.00	47.53 0.48 -0.10	47.62 1.02 0.00	47.47 1.98 0.00	45.31 2.56 0.00	46.92 3.33 0.00	44.03 3.30 0.00	42.15 3.24 0.00	37.47 1.89 0.00	34.04 0.97 0.00
COLDSPRG_115KV_BK1 355956	16.89 -0.56 2.60	9.33 -0.13 1.31	9.35 0.01 0.00	13.65 -0.11 0.00	10.33 -0.04 0.00	11.97 -0.18 0.00	21.67 0.01 0.00	26.02 0.96 0.00	28.29 1.74 0.00	27.32 2.11 0.00	30.86 2.73 0.00	40.08 3.45 0.00	45.67 4.03 0.00	45.64 4.01 0.00	45.69 4.41 0.00	51.59 4.63 0.00	51.04 4.43 0.00	48.89 3.40 0.00	45.73 2.97 0.00	47.09 3.51 0.00	43.65 2.92 0.00	41.37 2.46 0.00	37.86 2.27 0.00	34.99 1.92 0.00
COLONIE_LFGE___ 323577	20.90 0.85 0.00	11.22 0.46 0.00	9.72 0.37 0.00	14.34 0.59 0.00	10.82 0.45 0.00	12.70 0.55 0.00	22.60 0.95 0.00	26.06 0.99 0.00	27.48 0.93 0.00	25.92 0.71 0.00	28.94 0.81 0.00	37.43 0.80 0.00	42.45 0.84 0.02	42.60 0.97 0.00	40.11 0.89 2.06	47.89 0.94 0.00	47.52 0.91 0.00	46.33 0.84 0.00	43.51 0.76 0.00	44.44 0.86 0.00	41.73 0.99 0.00	40.17 1.26 0.00	36.66 1.08 0.00	34.21 1.14 0.00
COOPERNY_115KV_TB1 80082	20.61 0.56 0.00	11.07 0.31 0.00	9.59 0.25 0.00	14.12 0.37 0.00	10.65 0.28 0.00	12.49 0.34 0.00	22.19 0.53 0.00	25.69 0.62 0.00	27.32 0.77 0.00	25.93 0.72 0.00	29.08 0.94 0.00	37.73 1.10 0.00	42.81 1.16 -0.01	42.82 1.18 0.00	43.42 1.31 -0.82	48.45 1.49 0.00	48.14 1.54 0.00	46.77 1.28 0.00	43.76 1.00 0.00	44.50 0.91 0.00	41.57 0.84 0.00	39.90 1.00 0.00	36.48 0.90 0.00	33.93 0.87 0.00
COPENHAGEN_WT_PWR 323753	19.68 -0.36 0.00	10.54 -0.22 0.00	9.07 -0.28 0.00	13.29 -0.46 0.00	10.03 -0.33 0.00	11.85 -0.30 0.00	21.41 -0.25 0.00	25.47 0.40 0.00	27.14 0.59 0.00	25.84 0.63 0.00	28.24 0.11 0.00	37.05 0.39 -0.03	42.16 0.49 -0.04	41.31 -0.32 0.00	40.70 -0.58 0.00	46.96 -0.10 -0.11	47.05 0.44 0.00	46.92 1.43 0.00	44.76 2.01 0.00	46.24 2.66 0.00	43.32 2.58 0.00	41.32 2.41 0.00	36.61 1.04 0.00	33.24 0.17 0.00
CORNELL_____ 23752	28.92 0.17 -8.69	15.22 0.09 -4.36	9.45 0.11 0.00	13.90 0.14 0.00	10.49 0.12 0.00	12.29 0.14 0.00	21.96 0.30 0.00	25.55 0.48 0.00	27.19 0.64 0.00	25.90 0.69 0.00	28.96 0.83 0.00	37.70 1.06 -0.02	42.87 1.20 -0.03	42.96 1.32 0.00	42.79 1.51 0.00	48.87 1.85 -0.06	48.64 2.03 0.00	47.47 1.98 0.00	44.83 2.08 0.00	45.73 2.14 0.00	42.61 1.88 0.00	40.66 1.75 0.00	37.10 1.52 0.00	34.27 1.20 0.00

CORONA__69_KV_TB1 355595	21.53 1.48 0.00	11.59 0.82 0.00	10.01 0.67 0.00	14.69 0.93 0.00	11.09 0.72 0.00	12.97 0.82 0.00	22.90 1.24 0.00	26.58 1.51 0.00	28.31 1.76 0.00	26.99 1.78 0.00	45.13 2.39 -14.61	46.96 2.93 -7.40	47.19 3.16 -2.39	50.35 3.17 -5.54	68.67 3.27 -24.12	57.48 3.63 -6.89	59.66 3.68 -9.38	81.73 3.24 -33.00	81.91 2.69 -36.47	66.57 2.52 -20.47	61.64 2.47 -18.43	64.38 2.70 -22.77	61.95 2.50 -23.87	43.91 2.35 -8.49
CORTLAND__115KV_TB3 80093	23.28 0.12 -3.11	12.40 0.07 -1.56	9.43 0.08 0.00	13.87 0.11 0.00	10.47 0.09 0.00	12.25 0.10 0.00	21.88 0.22 0.00	25.47 0.40 0.00	27.06 0.51 0.00	25.74 0.52 0.00	28.80 0.67 0.00	37.50 0.85 -0.02	42.70 1.04 -0.02	42.75 1.11 0.00	42.56 1.28 0.00	48.50 1.48 -0.06	48.19 1.58 0.00	46.91 1.42 0.00	44.27 1.51 0.00	45.24 1.65 0.00	42.18 1.44 0.00	40.28 1.38 0.00	36.75 1.17 0.00	33.99 0.92 0.00
COXSACKIE__GT 23611	21.33 1.28 0.00	11.44 0.68 0.00	9.91 0.57 0.00	14.64 0.88 0.00	11.02 0.65 0.00	12.95 0.80 0.00	23.04 1.38 0.00	26.58 1.51 0.00	27.86 1.31 0.00	26.10 0.89 0.00	29.17 1.05 0.00	37.62 0.99 0.00	42.80 1.17 0.01	43.29 1.65 0.00	42.26 1.57 0.58	48.96 2.00 0.00	48.96 2.36 0.00	47.99 2.50 0.00	45.59 2.83 0.00	46.96 3.38 0.00	44.09 3.35 0.00	42.24 3.33 0.00	38.30 2.72 0.00	35.46 2.39 0.00
CPV__VALLEY__CC1 323721	20.72 0.68 0.00	11.14 0.38 0.00	9.64 0.29 0.00	14.18 0.43 0.00	10.70 0.33 0.00	12.57 0.41 0.00	22.28 0.62 0.00	25.78 0.72 0.00	27.44 0.89 0.00	26.04 0.83 0.00	29.23 1.10 0.00	37.92 1.29 0.00	42.98 1.33 -0.01	42.98 1.35 0.00	43.93 1.49 -1.16	48.64 1.68 0.00	48.35 1.75 0.00	46.94 1.45 0.00	43.84 1.08 0.00	44.53 0.94 0.00	41.63 0.89 0.00	39.97 1.06 0.00	36.54 0.96 0.00	34.01 0.95 0.00
CPV__VALLEY__CC2 323722	20.72 0.68 0.00	11.14 0.38 0.00	9.64 0.29 0.00	14.18 0.43 0.00	10.70 0.33 0.00	12.57 0.41 0.00	22.28 0.62 0.00	25.78 0.72 0.00	27.44 0.89 0.00	26.04 0.83 0.00	29.23 1.10 0.00	37.92 1.29 0.00	42.98 1.33 -0.01	42.98 1.35 0.00	43.93 1.49 -1.16	48.64 1.68 0.00	48.35 1.75 0.00	46.94 1.45 0.00	43.84 1.08 0.00	44.53 0.94 0.00	41.63 0.89 0.00	39.97 1.06 0.00	36.54 0.96 0.00	34.01 0.95 0.00
CRESCENT__HYD 24018	20.90 0.85 0.00	11.22 0.46 0.00	9.72 0.37 0.00	14.34 0.59 0.00	10.82 0.45 0.00	12.70 0.55 0.00	22.60 0.95 0.00	26.06 0.99 0.00	27.48 0.93 0.00	25.92 0.71 0.00	28.94 0.81 0.00	37.43 0.80 0.00	42.45 0.84 0.02	42.60 0.97 0.00	40.11 0.89 2.06	47.89 0.94 0.00	47.52 0.91 0.00	46.33 0.84 0.00	43.51 0.76 0.00	44.44 0.86 0.00	41.73 0.99 0.00	40.17 1.26 0.00	36.66 1.08 0.00	34.21 1.14 0.00
CRICKET__VALLEY_CC1 323756	20.98 0.93 0.00	11.24 0.48 0.00	9.71 0.37 0.00	14.29 0.54 0.00	10.78 0.41 0.00	12.70 0.55 0.00	22.57 0.91 0.00	26.00 0.93 0.00	27.58 1.03 0.00	26.11 0.90 0.00	29.27 1.14 0.00	37.86 1.23 0.00	42.50 1.15 0.28	42.83 1.19 0.00	18.85 1.28 23.71	48.43 1.47 0.00	48.13 1.53 0.00	46.74 1.25 0.00	43.67 0.91 0.00	44.35 0.76 0.00	41.53 0.80 0.00	39.97 1.07 0.00	36.52 0.94 0.00	34.05 0.98 0.00
CRICKET__VALLEY_CC2 323757	20.98 0.93 0.00	11.24 0.48 0.00	9.71 0.37 0.00	14.29 0.54 0.00	10.78 0.41 0.00	12.70 0.55 0.00	22.57 0.91 0.00	26.00 0.93 0.00	27.58 1.03 0.00	26.11 0.90 0.00	29.27 1.14 0.00	37.86 1.23 0.00	42.50 1.15 0.28	42.83 1.19 0.00	18.85 1.28 23.71	48.43 1.47 0.00	48.13 1.53 0.00	46.74 1.25 0.00	43.67 0.91 0.00	44.35 0.76 0.00	41.53 0.80 0.00	39.97 1.07 0.00	36.52 0.94 0.00	34.05 0.98 0.00
CRICKET__VALLEY_CC3 323758	20.98 0.93 0.00	11.24 0.48 0.00	9.71 0.37 0.00	14.29 0.54 0.00	10.78 0.41 0.00	12.70 0.55 0.00	22.57 0.91 0.00	26.00 0.93 0.00	27.58 1.03 0.00	26.11 0.90 0.00	29.27 1.14 0.00	37.86 1.23 0.00	42.50 1.15 0.28	42.83 1.19 0.00	18.85 1.28 23.71	48.43 1.47 0.00	48.13 1.53 0.00	46.74 1.25 0.00	43.67 0.91 0.00	44.35 0.76 0.00	41.53 0.80 0.00	39.97 1.07 0.00	36.52 0.94 0.00	34.05 0.98 0.00
CRUCIBLE__METL_DRP 24180	19.96 -0.08 0.00	10.74 -0.02 0.00	9.33 -0.01 0.00	13.71 -0.04 0.00	10.36 0.00 0.00	12.12 -0.04 0.00	21.59 -0.07 0.00	25.08 0.02 0.00	26.62 0.07 0.00	25.36 0.15 0.00	28.41 0.28 0.00	37.04 0.38 -0.03	42.23 0.55 -0.04	42.24 0.61 0.00	42.02 0.74 0.00	47.91 0.83 -0.12	47.58 0.97 0.00	46.34 0.85 0.00	43.57 0.81 0.00	44.34 0.75 0.00	41.32 0.59 0.00	39.45 0.54 0.00	36.03 0.44 0.00	33.36 0.29 0.00
DAHOWA__HYDRO 323763	21.38 1.33 0.00	11.45 0.68 0.00	9.90 0.56 0.00	14.62 0.87 0.00	11.04 0.68 0.00	12.99 0.84 0.00	23.20 1.54 0.00	26.76 1.69 0.00	28.11 1.56 0.00	26.40 1.19 0.00	29.35 1.22 0.00	37.93 1.30 0.00	43.34 1.73 0.02	43.44 1.81 0.00	41.22 1.64 1.70	48.84 1.89 0.00	48.48 1.87 0.00	47.41 1.92 0.00	44.64 1.88 0.00	45.54 1.96 0.00	42.92 2.18 0.00	41.30 2.39 0.00	37.73 2.15 0.00	35.10 2.03 0.00
DANC__LFGE 323619	19.72 -0.33 0.00	10.58 -0.19 0.00	9.14 -0.21 0.00	13.40 -0.35 0.00	10.12 -0.25 0.00	11.90 -0.25 0.00	21.40 -0.26 0.00	25.20 0.13 0.00	26.82 0.27 0.00	25.53 0.32 0.00	28.16 0.03 -0.03	36.82 0.15 -0.03	41.93 0.24 -0.05	41.36 -0.27 0.00	40.87 -0.40 0.00	46.93 -0.16 -0.13	46.80 0.20 0.00	46.27 0.79 0.00	43.93 1.18 0.00	45.21 1.62 0.00	42.30 1.56 0.00	40.39 1.49 0.00	36.24 0.66 0.00	33.16 0.10 0.00
DANSKAMMER__1 23586	21.18 1.13 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.90 0.54 0.00	12.82 0.67 0.00	22.77 1.12 0.00	26.35 1.28 0.00	28.04 1.49 0.00	26.61 1.40 0.00	29.90 1.77 0.00	38.79 2.16 0.00	43.96 2.31 -0.02	44.03 2.39 0.00	45.13 2.60 -1.25	49.98 3.02 0.00	49.75 3.14 0.00	48.31 2.82 0.00	45.10 2.35 0.00	45.78 2.20 0.00	42.78 2.05 0.00	41.08 2.17 0.00	37.51 1.93 0.00	34.85 1.79 0.00
DANSKAMMER__2 23589	21.18 1.13 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.90 0.54 0.00	12.82 0.67 0.00	22.77 1.12 0.00	26.35 1.28 0.00	28.04 1.49 0.00	26.61 1.40 0.00	29.90 1.77 0.00	38.79 2.16 0.00	43.96 2.31 -0.02	44.03 2.39 0.00	45.13 2.60 -1.25	49.98 3.02 0.00	49.75 3.14 0.00	48.31 2.82 0.00	45.10 2.35 0.00	45.78 2.20 0.00	42.78 2.05 0.00	41.08 2.17 0.00	37.51 1.93 0.00	34.85 1.79 0.00
DANSKAMMER__3 23590	21.18 1.13 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.90 0.54 0.00	12.82 0.67 0.00	22.77 1.12 0.00	26.35 1.28 0.00	28.04 1.49 0.00	26.61 1.40 0.00	29.90 1.77 0.00	38.79 2.16 0.00	43.96 2.31 -0.02	44.03 2.39 0.00	45.13 2.60 -1.25	49.98 3.02 0.00	49.75 3.14 0.00	48.31 2.82 0.00	45.10 2.35 0.00	45.78 2.20 0.00	42.78 2.05 0.00	41.08 2.17 0.00	37.51 1.93 0.00	34.85 1.79 0.00

DANSKAMMER___4 23591	21.18 1.13 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.90 0.54 0.00	12.82 0.67 0.00	22.77 1.12 0.00	26.35 1.28 0.00	28.04 1.49 0.00	26.61 1.40 0.00	29.90 1.77 0.00	38.79 2.16 0.00	43.96 2.31 -0.02	44.03 2.39 0.00	45.13 2.60 -1.25	49.98 3.02 0.00	49.75 3.14 0.00	48.31 2.82 0.00	45.10 2.35 0.00	45.78 2.20 0.00	42.78 2.05 0.00	41.08 2.17 0.00	37.51 1.93 0.00	34.85 1.79 0.00
DANSKAMMER___DIESEL 23592	21.18 1.13 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.91 0.54 0.00	12.82 0.67 0.00	22.77 1.12 0.00	26.35 1.28 0.00	28.04 1.50 0.00	26.61 1.40 0.00	29.90 1.77 0.00	38.79 2.16 0.00	43.96 2.31 -0.02	44.04 2.40 0.00	45.13 2.60 -1.25	49.98 3.02 0.00	49.75 3.14 0.00	48.31 2.82 0.00	45.11 2.35 0.00	45.79 2.20 0.00	42.78 2.05 0.00	41.08 2.17 0.00	37.51 1.93 0.00	34.86 1.79 0.00
DARBY___SOLAR 323810	21.28 1.22 0.00	11.40 0.63 0.00	9.86 0.51 0.00	14.56 0.80 0.00	10.99 0.62 0.00	12.93 0.78 0.00	23.06 1.40 0.00	26.59 1.53 0.00	27.95 1.40 0.00	26.27 1.06 0.00	29.22 1.09 0.00	37.76 1.13 0.00	43.14 1.52 0.02	43.23 1.60 0.00	40.94 1.43 1.76	48.61 1.65 0.00	48.25 1.65 0.00	47.18 1.69 0.00	44.41 1.65 0.00	45.30 1.72 0.00	42.67 1.93 0.00	41.04 2.13 0.00	37.50 1.92 0.00	34.91 1.84 0.00
DASHVILLE___HYD 23610	20.88 0.82 0.00	11.20 0.44 0.00	9.68 0.33 0.00	14.24 0.49 0.00	10.74 0.36 0.00	12.63 0.48 0.00	22.50 0.84 0.00	26.02 0.95 0.00	27.71 1.16 0.00	26.30 1.09 0.00	29.55 1.42 0.00	38.32 1.69 0.00	43.39 1.74 -0.01	43.42 1.79 0.00	44.01 2.06 -0.67	49.29 2.33 0.00	49.04 2.44 0.00	47.62 2.13 0.00	44.45 1.70 0.00	45.11 1.53 0.00	42.17 1.44 0.00	40.51 1.60 0.00	37.00 1.42 0.00	34.40 1.33 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.97 1.92 0.00	11.84 1.08 0.00	10.25 0.90 0.00	15.02 1.27 0.00	11.37 1.00 0.00	13.24 1.09 0.00	23.36 1.69 0.00	27.16 2.09 0.00	29.00 2.45 0.00	27.77 2.56 0.00	46.07 3.33 -14.61	48.21 4.18 -7.40	48.58 4.56 -2.39	51.57 4.59 -5.35	68.86 4.86 -22.72	58.92 5.72 -6.24	61.30 5.91 -8.79	82.41 5.51 -31.41	84.10 4.87 -36.47	67.84 4.62 -19.64	62.35 4.11 -17.51	64.67 4.10 -21.66	63.17 3.73 -23.87	45.07 3.50 -8.49
DELAWARE___LFGE 323621	20.86 0.43 -0.39	11.18 0.22 -0.19	9.54 0.20 0.00	14.06 0.30 0.00	10.60 0.23 0.00	12.43 0.28 0.00	22.13 0.47 0.00	25.69 0.62 0.00	27.32 0.77 0.00	25.98 0.76 0.00	29.13 1.00 0.00	37.88 1.25 0.00	43.06 1.41 -0.01	43.07 1.43 0.00	42.85 1.57 0.00	48.79 1.81 -0.02	48.38 1.77 0.00	47.03 1.54 0.00	44.13 1.38 0.00	44.98 1.39 0.00	41.97 1.23 0.00	40.19 1.28 0.00	36.77 1.19 0.00	34.11 1.04 0.00
DERFIELD_115KV_TB7 355931	20.15 0.09 0.00	10.81 0.05 0.00	9.38 0.04 0.00	13.82 0.07 0.00	10.42 0.05 0.00	12.21 0.06 0.00	21.75 0.09 0.00	25.17 0.10 0.00	26.66 0.11 0.00	25.30 0.09 0.00	28.27 0.14 0.00	36.75 0.12 0.00	41.77 0.13 0.00	41.80 0.17 0.00	41.49 0.21 0.00	47.19 0.23 0.00	46.84 0.24 0.00	45.67 0.18 0.00	42.93 0.17 0.00	43.77 0.18 0.00	40.94 0.21 0.00	39.17 0.27 0.00	35.79 0.21 0.00	33.24 0.17 0.00
DOGLEVILLE___HYD 23807	20.35 0.30 0.00	10.91 0.15 0.00	9.47 0.12 0.00	13.97 0.22 0.00	10.51 0.14 0.00	12.35 0.20 0.00	22.01 0.35 0.00	25.28 0.21 0.00	26.59 0.04 0.00	25.02 -0.19 0.00	27.95 -0.18 0.00	36.19 -0.43 0.00	41.34 -0.29 0.00	41.37 -0.27 0.00	41.11 -0.17 0.00	46.98 0.02 0.00	46.62 0.01 0.00	45.63 0.14 0.00	43.31 0.56 0.00	44.30 0.72 0.00	41.58 0.84 0.00	39.97 1.07 0.00	36.49 0.91 0.00	33.79 0.72 0.00
DUNKIRK___115KV_TB_200 55889	16.69 -1.03 2.33	9.21 -0.39 1.17	9.14 -0.20 0.00	13.32 -0.44 0.00	10.08 -0.28 0.00	11.67 -0.48 0.00	21.05 -0.61 0.00	25.26 0.19 0.00	27.41 0.87 0.00	26.50 1.29 0.00	30.03 1.90 0.00	39.07 2.44 0.00	44.71 3.07 0.00	44.70 3.07 0.00	44.73 3.44 0.00	50.50 3.54 0.00	50.00 3.39 0.00	47.86 2.37 0.00	44.91 2.15 0.00	46.31 2.73 0.00	42.98 2.24 0.00	40.76 1.86 0.00	37.32 1.74 0.00	34.40 1.33 0.00
DUNKIRK___1 23563	16.69 -1.03 2.33	9.21 -0.39 1.17	9.14 -0.20 0.00	13.32 -0.44 0.00	10.08 -0.28 0.00	11.67 -0.48 0.00	21.05 -0.61 0.00	25.26 0.19 0.00	27.41 0.87 0.00	26.50 1.29 0.00	30.03 1.90 0.00	39.07 2.44 0.00	44.71 3.07 0.00	44.70 3.07 0.00	44.73 3.44 0.00	50.50 3.54 0.00	50.00 3.39 0.00	47.86 2.37 0.00	44.91 2.15 0.00	46.31 2.73 0.00	42.98 2.24 0.00	40.76 1.86 0.00	37.32 1.74 0.00	34.40 1.33 0.00
DUNKIRK___2 23564	16.69 -1.03 2.33	9.21 -0.39 1.17	9.14 -0.20 0.00	13.32 -0.44 0.00	10.08 -0.28 0.00	11.67 -0.48 0.00	21.05 -0.61 0.00	25.26 0.19 0.00	27.41 0.87 0.00	26.50 1.29 0.00	30.03 1.90 0.00	39.07 2.44 0.00	44.71 3.07 0.00	44.70 3.07 0.00	44.73 3.44 0.00	50.50 3.54 0.00	50.00 3.39 0.00	47.86 2.37 0.00	44.91 2.15 0.00	46.31 2.73 0.00	42.98 2.24 0.00	40.76 1.86 0.00	37.32 1.74 0.00	34.40 1.33 0.00
DUNKIRK___3 23565	16.77 -0.98 2.31	9.24 -0.36 1.16	9.16 -0.18 0.00	13.34 -0.41 0.00	10.11 -0.26 0.00	11.69 -0.46 0.00	21.06 -0.60 0.00	25.22 0.15 0.00	27.34 0.79 0.00	26.39 1.18 0.00	29.87 1.74 0.00	38.86 2.23 0.00	44.42 2.79 0.00	44.39 2.76 0.00	44.38 3.09 0.00	50.15 3.19 0.00	49.66 3.05 0.00	47.55 2.06 0.00	44.62 1.86 0.00	46.00 2.41 0.00	42.72 1.98 0.00	40.57 1.66 0.00	37.24 1.66 0.00	34.35 1.29 0.00
DUNKIRK___4 23566	16.77 -0.98 2.31	9.24 -0.36 1.16	9.16 -0.18 0.00	13.34 -0.41 0.00	10.11 -0.26 0.00	11.69 -0.46 0.00	21.06 -0.60 0.00	25.22 0.15 0.00	27.34 0.79 0.00	26.39 1.18 0.00	29.87 1.74 0.00	38.86 2.23 0.00	44.42 2.79 0.00	44.39 2.76 0.00	44.38 3.09 0.00	50.15 3.19 0.00	49.66 3.05 0.00	47.55 2.06 0.00	44.62 1.86 0.00	46.00 2.41 0.00	42.72 1.98 0.00	40.57 1.66 0.00	37.24 1.66 0.00	34.35 1.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.17 1.12 0.00	11.38 0.61 0.00	9.83 0.48 0.00	14.46 0.71 0.00	10.91 0.55 0.00	12.83 0.67 0.00	22.74 1.08 0.00	26.33 1.26 0.00	28.06 1.52 0.00	26.66 1.45 0.00	29.98 1.85 0.00	38.87 2.24 0.00	44.02 2.36 -0.02	44.01 2.37 0.00	45.44 2.52 -1.63	49.75 2.79 0.00	49.42 2.82 0.00	47.88 2.39 0.00	44.63 1.87 0.00	45.26 1.67 0.00	42.35 1.62 0.00	40.74 1.84 0.00	37.30 1.72 0.00	34.74 1.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.01 0.96 0.00	11.28 0.52 0.00	9.75 0.41 0.00	14.36 0.60 0.00	10.83 0.46 0.00	12.72 0.57 0.00	22.58 0.92 0.00	26.14 1.07 0.00	27.82 1.27 0.00	26.40 1.19 0.00	29.65 1.52 0.00	38.46 1.84 0.00	43.61 1.96 -0.02	43.63 2.00 0.00	44.71 2.19 -1.24	49.50 2.54 0.00	49.24 2.64 0.00	47.81 2.32 0.00	44.62 1.87 0.00	45.32 1.73 0.00	42.35 1.61 0.00	40.67 1.77 0.00	37.15 1.57 0.00	34.55 1.49 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.16 1.11 0.00	11.37 0.60 0.00	9.82 0.47 0.00	14.45 0.70 0.00	10.90 0.53 0.00	12.82 0.67 0.00	22.71 1.05 0.00	26.30 1.23 0.00	28.07 1.52 0.00	26.67 1.46 0.00	29.98 1.85 0.00	38.86 2.23 0.00	44.04 2.39 -0.02	44.02 2.39 0.00	45.43 2.52 -1.63	49.67 2.71 0.00	49.31 2.70 0.00	47.81 2.32 0.00	44.54 1.79 0.00	45.21 1.63 0.00	42.38 1.65 0.00	40.82 1.91 0.00	37.36 1.78 0.00	34.74 1.68 0.00
E179THST_13_KV_LOAD 356214	21.26 1.21 0.00	11.42 0.66 0.00	9.86 0.52 0.00	14.52 0.76 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.82 1.16 0.00	26.44 1.37 0.00	28.22 1.67 0.00	26.82 1.61 0.00	30.17 2.04 0.00	39.09 2.46 0.00	44.31 2.65 -0.02	44.29 2.66 0.00	45.70 2.79 -1.63	49.97 3.02 0.00	49.63 3.03 0.00	48.13 2.64 0.00	44.84 2.08 0.00	45.49 1.91 0.00	42.66 1.92 0.00	41.07 2.17 0.00	37.61 2.03 0.00	34.95 1.88 0.00
EAST HAMPTON___GT 23717	22.20 2.15 0.00	11.97 1.21 0.00	10.36 1.02 0.00	15.19 1.44 0.00	11.50 1.13 0.00	13.40 1.24 0.00	23.65 1.99 0.00	27.53 2.46 0.00	29.42 2.87 0.00	28.18 2.97 0.00	46.54 3.80 -14.61	48.84 4.82 -7.40	49.29 5.27 -2.39	52.31 5.33 -5.35	69.61 5.62 -22.72	59.84 6.64 -6.24	62.26 6.86 -8.79	83.32 6.42 -31.41	84.95 5.72 -36.47	68.70 5.48 -19.64	63.11 4.87 -17.51	65.33 4.77 -21.66	63.76 4.31 -23.87	45.56 3.99 -8.50
EAST RIVER___6 23660	21.22 1.18 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.87 0.71 0.00	22.80 1.14 0.00	26.37 1.31 0.00	28.20 1.65 0.00	26.83 1.62 0.00	30.18 2.05 0.00	39.11 2.48 0.00	44.26 2.61 -0.02	44.26 2.62 0.00	45.73 2.82 -1.63	50.05 3.10 0.00	49.69 3.08 0.00	48.09 2.60 0.00	44.76 2.01 0.00	45.32 1.74 0.00	42.44 1.71 0.00	40.82 1.92 0.00	37.40 1.82 0.00	34.84 1.77 0.00
EAST RIVER___7 23524	21.22 1.18 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.87 0.71 0.00	22.80 1.14 0.00	26.37 1.31 0.00	28.20 1.65 0.00	26.83 1.62 0.00	30.18 2.05 0.00	39.11 2.48 0.00	44.26 2.61 -0.02	44.26 2.62 0.00	45.73 2.82 -1.63	50.05 3.10 0.00	49.69 3.08 0.00	48.09 2.60 0.00	44.76 2.01 0.00	45.32 1.74 0.00	42.44 1.71 0.00	40.82 1.92 0.00	37.40 1.82 0.00	34.84 1.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.12 1.07 0.00	11.34 0.58 0.00	9.80 0.46 0.00	14.43 0.68 0.00	10.88 0.52 0.00	12.80 0.64 0.00	22.69 1.03 0.00	26.25 1.19 0.00	27.98 1.43 0.00	26.58 1.37 0.00	29.88 1.75 0.00	38.74 2.11 0.00	43.88 2.22 -0.02	43.87 2.23 0.00	45.30 2.39 -1.63	49.62 2.66 0.00	49.30 2.70 0.00	47.78 2.29 0.00	44.54 1.78 0.00	45.17 1.59 0.00	42.27 1.54 0.00	40.65 1.75 0.00	37.20 1.62 0.00	34.64 1.57 0.00
EAST_HAMPTON___DIESEL 23722	22.20 2.15 0.00	11.97 1.21 0.00	10.36 1.02 0.00	15.20 1.44 0.00	11.51 1.14 0.00	13.40 1.25 0.00	23.67 2.01 0.00	27.54 2.47 0.00	29.43 2.88 0.00	28.19 2.98 0.00	46.55 3.81 -14.61	48.87 4.84 -7.40	49.32 5.29 -2.39	52.34 5.35 -5.35	69.64 5.64 -22.72	59.87 6.67 -6.24	62.29 6.90 -8.79	83.35 6.45 -31.41	84.95 5.73 -36.47	68.72 5.50 -19.64	63.12 4.88 -17.51	65.34 4.77 -21.66	63.77 4.32 -23.87	45.58 4.01 -8.50
EAST_POINT___SOLAR 323840	21.00 0.95 0.00	11.26 0.49 0.00	9.77 0.43 0.00	14.37 0.62 0.00	10.95 0.58 0.00	12.87 0.72 0.00	22.63 0.97 0.00	25.77 0.70 0.00	26.91 0.36 0.00	25.47 0.26 0.00	28.78 0.64 0.00	37.63 1.00 0.00	43.24 1.62 0.01	43.36 1.73 0.00	42.34 1.97 0.91	50.17 3.21 0.00	50.07 3.46 0.00	48.91 3.42 0.00	46.35 3.60 0.00	47.90 4.31 0.00	44.98 4.24 0.00	42.75 3.85 0.00	39.00 3.42 0.00	36.02 2.95 0.00
EAST_PULASKI___ESR 323781	19.76 -0.29 0.00	10.62 -0.15 0.00	9.21 -0.14 0.00	13.52 -0.24 0.00	10.21 -0.17 0.00	11.96 -0.19 0.00	21.40 -0.26 0.00	24.96 -0.11 0.00	26.50 -0.05 0.00	25.22 0.01 0.00	28.08 -0.05 0.00	36.59 -0.09 -0.05	41.69 -0.01 -0.07	41.34 -0.29 0.00	40.98 -0.30 0.00	46.89 -0.26 -0.19	46.53 -0.08 0.00	45.61 0.12 0.00	43.08 0.33 0.00	44.18 0.59 0.00	41.27 0.53 0.00	39.48 0.57 0.00	35.87 0.29 0.00	33.09 0.03 0.00
EAST_RIVER___1 323558	21.23 1.18 0.00	11.41 0.64 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.81 1.15 0.00	26.40 1.34 0.00	28.20 1.66 0.00	26.82 1.61 0.00	30.16 2.03 0.00	39.11 2.48 0.00	44.27 2.62 -0.02	44.26 2.63 0.00	45.73 2.81 -1.63	50.03 3.07 0.00	49.67 3.07 0.00	48.08 2.59 0.00	44.76 2.01 0.00	45.33 1.75 0.00	42.47 1.73 0.00	40.86 1.96 0.00	37.43 1.85 0.00	34.85 1.78 0.00
EAST_RIVER___2 323559	21.22 1.18 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.87 0.71 0.00	22.80 1.14 0.00	26.37 1.31 0.00	28.20 1.65 0.00	26.83 1.62 0.00	30.18 2.05 0.00	39.11 2.48 0.00	44.26 2.61 -0.02	44.26 2.62 0.00	45.73 2.82 -1.63	50.05 3.10 0.00	49.69 3.08 0.00	48.09 2.60 0.00	44.76 2.01 0.00	45.32 1.74 0.00	42.44 1.71 0.00	40.82 1.92 0.00	37.40 1.82 0.00	34.84 1.77 0.00
EAST___DELAWARE_HYD 23607	20.58 0.53 0.00	11.04 0.28 0.00	9.55 0.20 0.00	14.05 0.29 0.00	10.60 0.23 0.00	12.45 0.30 0.00	22.15 0.49 0.00	25.64 0.57 0.00	27.16 0.61 0.00	25.17 -0.05 0.00	28.21 0.08 0.00	36.60 -0.03 0.00	41.45 -0.20 -0.01	41.52 -0.11 0.00	42.35 0.14 -0.93	47.25 0.29 0.00	47.05 0.45 0.00	45.85 0.36 0.00	42.88 0.13 0.00	43.58 0.00 0.00	40.85 0.11 0.00	40.14 1.23 0.00	36.63 1.05 0.00	33.99 0.93 0.00
EIGHT_POINT___WT_PWR 323820	13.72 -1.41 4.93	7.60 -0.69 2.47	8.92 -0.43 0.00	13.10 -0.66 0.00	9.84 -0.53 0.00	11.42 -0.73 0.00	20.67 -0.99 0.00	24.85 -0.21 0.00	27.13 0.58 0.00	26.21 1.00 0.00	29.52 1.39 0.00	38.48 1.84 -0.01	44.01 2.37 -0.01	43.93 2.30 0.00	43.87 2.59 0.00	49.78 2.80 -0.03	49.26 2.65 0.00	47.47 1.98 0.00	43.78 1.02 0.00	45.60 2.02 0.00	42.27 1.53 0.00	39.97 1.06 0.00	36.13 0.55 0.00	33.40 0.34 0.00
ELBRIDGE_115KV_TB2 80188	19.86 -0.19 0.00	10.69 -0.08 0.00	9.28 -0.06 0.00	13.65 -0.10 0.00	10.31 -0.05 0.00	12.06 -0.09 0.00	21.47 -0.19 0.00	24.97 -0.10 0.00	26.51 -0.04 0.00	25.25 0.04 0.00	28.29 0.16 0.00	36.88 0.22 -0.03	41.96 0.28 -0.05	42.01 0.37 0.00	41.80 0.52 0.00	47.63 0.55 -0.13	47.30 0.69 0.00	46.03 0.55 0.00	43.30 0.54 0.00	44.06 0.48 0.00	41.08 0.35 0.00	39.22 0.32 0.00	35.87 0.29 0.00	33.19 0.12 0.00
ELEC_TRO_TEK 24086	21.40 1.35 0.00	11.52 0.75 0.00	9.96 0.61 0.00	14.61 0.86 0.00	11.03 0.66 0.00	12.91 0.75 0.00	22.78 1.12 0.00	26.42 1.36 0.00	28.15 1.61 0.00	26.84 1.63 0.00	44.93 2.19 -14.61	46.70 2.67 -7.40	46.85 2.83 -2.39	50.00 2.83 -5.54	68.37 2.96 -24.12	57.17 3.32 -6.89	59.34 3.35 -9.38	81.42 2.93 -33.00	81.61 2.39 -36.47	66.26 2.21 -20.47	61.24 2.07 -18.43	64.00 2.33 -22.77	61.63 2.18 -23.87	43.68 2.11 -8.49

ELLENBURG_WT_PWR 323604	19.98 -0.07 0.00	10.62 -0.15 0.00	9.17 -0.17 0.00	13.47 -0.28 0.00	10.19 -0.18 0.00	11.93 -0.22 0.00	21.47 -0.19 0.00	24.74 -0.33 0.00	26.27 -0.27 0.00	24.73 -0.48 0.00	28.00 -0.13 0.00	36.84 0.21 0.00	42.26 0.62 0.00	41.89 0.25 0.00	41.29 0.01 0.00	47.01 0.06 0.00	47.20 0.59 0.00	46.81 1.32 0.00	44.44 1.69 0.00	45.58 2.00 0.00	41.79 1.05 0.00	38.25 -0.65 0.00	34.92 -0.66 0.00	33.11 0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.95 -0.96 2.14	9.37 -0.33 1.07	9.18 -0.16 0.00	13.34 -0.42 0.00	10.13 -0.24 0.00	11.70 -0.45 0.00	21.00 -0.66 0.00	25.11 0.04 0.00	27.23 0.68 0.00	26.23 1.02 0.00	29.63 1.49 0.00	38.61 1.98 0.00	44.02 2.38 0.00	43.98 2.34 0.00	43.85 2.57 0.00	49.61 2.65 0.00	49.10 2.50 0.00	47.13 1.64 0.00	44.24 1.48 0.00	45.67 2.08 0.00	42.43 1.70 0.00	40.42 1.51 0.00	37.23 1.65 0.00	34.39 1.32 0.00
EMPIRE_CC_1 323656	20.80 0.75 0.00	11.17 0.41 0.00	9.67 0.33 0.00	14.28 0.53 0.00	10.77 0.40 0.00	12.64 0.49 0.00	22.46 0.80 0.00	25.87 0.80 0.00	27.26 0.71 0.00	25.67 0.46 0.00	28.70 0.57 0.00	37.08 0.45 0.00	41.92 0.31 0.03	42.09 0.46 0.00	38.95 0.43 2.77	47.30 0.34 0.00	46.92 0.31 0.00	45.68 0.19 0.00	42.82 0.07 0.00	43.73 0.14 0.00	41.03 0.30 0.00	39.55 0.64 0.00	36.10 0.52 0.00	33.75 0.68 0.00
EMPIRE_CC_2 323658	20.80 0.75 0.00	11.17 0.41 0.00	9.67 0.33 0.00	14.28 0.53 0.00	10.77 0.40 0.00	12.64 0.49 0.00	22.46 0.80 0.00	25.87 0.80 0.00	27.26 0.71 0.00	25.67 0.46 0.00	28.70 0.57 0.00	37.08 0.45 0.00	41.92 0.31 0.03	42.09 0.46 0.00	38.95 0.43 2.77	47.30 0.34 0.00	46.92 0.31 0.00	45.68 0.19 0.00	42.82 0.07 0.00	43.73 0.14 0.00	41.03 0.30 0.00	39.55 0.64 0.00	36.10 0.52 0.00	33.75 0.68 0.00
ENORWICH_115KV_TB1 80156	23.77 0.60 -3.13	12.56 0.23 -1.57	9.61 0.27 0.00	14.11 0.36 0.00	10.66 0.29 0.00	12.56 0.41 0.00	22.62 0.96 0.00	27.19 2.13 0.00	28.45 1.90 0.00	26.75 1.54 0.00	29.84 1.71 0.00	38.91 2.26 -0.01	44.47 2.82 -0.02	44.64 3.01 0.00	44.45 3.17 0.00	51.00 3.99 -0.05	50.71 4.11 0.00	49.80 4.31 0.00	47.10 4.35 0.00	48.34 4.76 0.00	44.99 4.25 0.00	42.97 4.06 0.00	39.21 3.63 0.00	35.98 2.91 0.00
ERIE_ST__34_KV_TB1-2 80199	17.20 -0.60 2.25	9.47 -0.16 1.13	9.32 -0.03 0.00	13.54 -0.21 0.00	10.28 -0.08 0.00	11.88 -0.27 0.00	21.35 -0.31 0.00	25.52 0.46 0.00	27.68 1.13 0.00	26.69 1.48 0.00	30.16 2.03 0.00	39.32 2.69 0.00	44.85 3.21 0.00	44.81 3.17 0.00	44.75 3.47 0.00	50.66 3.70 0.00	50.19 3.58 0.00	48.13 2.64 0.00	45.18 2.43 0.00	46.62 3.04 0.00	43.32 2.58 0.00	41.23 2.32 0.00	37.93 2.35 0.00	34.99 1.92 0.00
ERIE_WT_PWR 323693	16.95 -0.88 2.22	9.37 -0.29 1.12	9.22 -0.12 0.00	13.39 -0.37 0.00	10.17 -0.20 0.00	11.75 -0.40 0.00	21.11 -0.55 0.00	25.27 0.20 0.00	27.40 0.84 0.00	26.40 1.19 0.00	29.81 1.68 0.00	38.86 2.23 0.00	44.36 2.72 0.00	44.34 2.71 0.00	44.23 2.95 0.00	50.04 3.08 0.00	49.57 2.96 0.00	47.57 2.09 0.00	44.65 1.89 0.00	46.06 2.47 0.00	42.78 2.05 0.00	40.76 1.85 0.00	37.52 1.95 0.00	34.62 1.55 0.00
ESPRGFLD_115KV_TB1 80157	20.62 0.57 0.00	11.06 0.29 0.00	9.61 0.27 0.00	14.13 0.38 0.00	10.71 0.34 0.00	12.58 0.43 0.00	22.34 0.68 0.00	26.00 0.93 0.00	27.67 1.12 0.00	26.44 1.23 0.00	29.87 1.74 0.00	39.07 2.44 0.00	44.54 2.91 0.01	44.45 2.81 0.00	43.86 3.09 0.51	50.68 3.72 0.00	50.40 3.80 0.00	49.13 3.64 0.00	46.21 3.45 0.00	47.24 3.66 0.00	43.96 3.23 0.00	41.73 2.83 0.00	38.17 2.59 0.00	35.30 2.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.23 0.16 -7.03	14.38 0.09 -3.53	9.44 0.10 0.00	13.89 0.14 0.00	10.49 0.11 0.00	12.29 0.13 0.00	21.93 0.27 0.00	25.51 0.44 0.00	27.14 0.59 0.00	25.84 0.63 0.00	28.90 0.77 0.00	37.63 0.98 -0.02	42.79 1.12 -0.03	42.92 1.29 0.00	42.75 1.47 0.00	48.74 1.72 -0.07	48.51 1.90 0.00	47.32 1.84 0.00	44.70 1.95 0.00	45.58 2.00 0.00	42.49 1.76 0.00	40.55 1.64 0.00	37.02 1.44 0.00	34.20 1.13 0.00
ETNA____115KV_TB2 80207	27.23 0.16 -7.03	14.38 0.09 -3.53	9.44 0.10 0.00	13.89 0.14 0.00	10.49 0.11 0.00	12.29 0.13 0.00	21.93 0.27 0.00	25.51 0.44 0.00	27.14 0.59 0.00	25.84 0.63 0.00	28.90 0.77 0.00	37.63 0.98 -0.02	42.79 1.12 -0.03	42.92 1.29 0.00	42.75 1.47 0.00	48.74 1.72 -0.07	48.51 1.90 0.00	47.32 1.84 0.00	44.70 1.95 0.00	45.58 2.00 0.00	42.49 1.76 0.00	40.55 1.64 0.00	37.02 1.44 0.00	34.20 1.13 0.00
EUCLID__115KV_TB2 356179	19.77 -0.28 0.00	10.63 -0.13 0.00	9.24 -0.10 0.00	13.58 -0.17 0.00	10.25 -0.11 0.00	12.00 -0.16 0.00	21.37 -0.29 0.00	24.81 -0.26 0.00	26.33 -0.21 0.00	25.08 -0.13 0.00	28.10 -0.03 0.00	36.61 -0.03 -0.01	41.71 0.05 -0.02	41.72 0.08 0.00	41.47 0.19 0.00	47.22 0.21 -0.05	46.92 0.31 0.00	45.67 0.18 0.00	42.94 0.18 0.00	43.78 0.19 0.00	40.83 0.10 0.00	38.99 0.08 0.00	35.61 0.03 0.00	33.01 -0.06 0.00
E_CANADA_CAP_HY 24051	20.83 0.78 0.00	11.17 0.41 0.00	9.71 0.37 0.00	14.27 0.51 0.00	10.86 0.49 0.00	12.76 0.61 0.00	22.55 0.89 0.00	26.07 1.01 0.00	27.58 1.03 0.00	26.28 1.07 0.00	29.73 1.60 0.00	38.95 2.32 0.00	44.49 2.86 0.01	44.39 2.76 0.00	43.43 2.92 0.77	50.68 3.73 0.00	50.47 3.87 0.00	49.30 3.82 0.00	46.49 3.73 0.00	47.69 4.11 0.00	44.51 3.78 0.00	42.21 3.31 0.00	38.60 3.02 0.00	35.71 2.64 0.00
E_CANADA_MHWK_HY 24050	20.35 0.30 0.00	10.91 0.15 0.00	9.47 0.12 0.00	13.97 0.22 0.00	10.51 0.14 0.00	12.35 0.20 0.00	22.01 0.35 0.00	25.28 0.21 0.00	26.59 0.04 0.00	25.02 -0.19 0.00	27.95 -0.18 0.00	36.19 -0.43 0.00	41.34 -0.29 0.00	41.37 -0.27 0.00	41.11 -0.17 0.00	46.98 0.02 0.00	46.62 0.01 0.00	45.63 0.14 0.00	43.31 0.56 0.00	44.30 0.72 0.00	41.58 0.84 0.00	39.97 1.07 0.00	36.49 0.91 0.00	33.79 0.72 0.00
E_FISHKILL__LBMP 23776	20.99 0.94 0.00	11.27 0.51 0.00	9.74 0.40 0.00	14.34 0.59 0.00	10.82 0.45 0.00	12.72 0.57 0.00	22.57 0.91 0.00	26.08 1.01 0.00	27.74 1.19 0.00	26.33 1.11 0.00	29.56 1.43 0.00	38.31 1.67 0.00	43.38 1.72 -0.02	43.39 1.76 0.00	44.85 1.89 -1.68	49.06 2.10 0.00	48.74 2.13 0.00	47.29 1.80 0.00	44.14 1.38 0.00	44.82 1.23 0.00	41.94 1.20 0.00	40.33 1.43 0.00	36.88 1.30 0.00	34.35 1.28 0.00
FALCON___SEABRD_CC1 323796	20.15 0.11 0.00	10.72 -0.04 0.00	9.27 -0.07 0.00	13.62 -0.13 0.00	10.29 -0.07 0.00	12.06 -0.09 0.00	21.70 0.04 0.00	24.99 -0.07 0.00	26.57 0.02 0.00	25.06 -0.15 0.00	28.26 0.13 0.00	37.11 0.48 0.00	42.44 0.81 0.00	42.10 0.46 0.00	41.56 0.28 0.00	47.37 0.41 0.00	47.47 0.86 0.00	47.00 1.52 0.00	44.55 1.80 0.00	45.64 2.06 0.00	42.03 1.29 0.00	38.77 -0.14 0.00	35.29 -0.29 0.00	33.32 0.25 0.00

FALCON___SEABRD_CC2 323797	20.15 0.11 0.00	10.72 -0.04 0.00	9.27 -0.07 0.00	13.62 -0.13 0.00	10.29 -0.07 0.00	12.06 -0.09 0.00	21.70 0.04 0.00	24.99 -0.07 0.00	26.57 0.02 0.00	25.06 -0.15 0.00	28.26 0.13 0.00	37.11 0.48 0.00	42.44 0.81 0.00	42.10 0.46 0.00	41.56 0.28 0.00	47.37 0.41 0.00	47.47 0.86 0.00	47.00 1.52 0.00	44.55 1.80 0.00	45.64 2.06 0.00	42.03 1.29 0.00	38.77 -0.14 0.00	35.29 -0.29 0.00	33.32 0.25 0.00
FAR ROCKAWAY___4 23548	21.69 1.64 0.00	11.67 0.91 0.00	10.09 0.74 0.00	14.79 1.04 0.00	11.17 0.80 0.00	13.06 0.91 0.00	23.07 1.40 0.00	26.77 1.70 0.00	28.52 1.98 0.00	27.23 2.02 0.00	45.40 2.67 -14.61	47.35 3.32 -7.40	47.64 3.62 -2.39	50.79 3.62 -5.54	69.03 3.62 -24.12	57.69 3.84 -6.89	59.89 3.90 -9.38	81.96 3.46 -33.00	82.13 2.90 -36.47	66.80 2.75 -20.47	62.06 2.89 -18.43	64.77 3.10 -22.77	62.29 2.84 -23.87	44.19 2.63 -8.49
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.24 1.19 0.00	11.41 0.65 0.00	9.86 0.52 0.00	14.52 0.76 0.00	10.95 0.58 0.00	12.88 0.72 0.00	22.82 1.16 0.00	26.43 1.36 0.00	28.21 1.66 0.00	26.83 1.62 0.00	30.17 2.04 0.00	39.13 2.50 0.00	44.30 2.64 -0.02	44.28 2.64 0.00	45.74 2.82 -1.63	50.04 3.09 0.00	49.69 3.09 0.00	48.10 2.61 0.00	44.77 2.01 0.00	45.35 1.77 0.00	42.50 1.77 0.00	40.90 1.99 0.00	37.45 1.87 0.00	34.87 1.80 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.24 1.19 0.00	11.42 0.65 0.00	9.86 0.52 0.00	14.52 0.76 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.83 1.17 0.00	26.43 1.36 0.00	28.21 1.67 0.00	26.83 1.62 0.00	30.18 2.04 0.00	39.13 2.50 0.00	44.30 2.64 -0.02	44.28 2.64 0.00	45.74 2.82 -1.63	50.04 3.09 0.00	49.70 3.09 0.00	48.11 2.62 0.00	44.77 2.02 0.00	45.37 1.78 0.00	42.51 1.77 0.00	40.90 2.00 0.00	37.47 1.89 0.00	34.88 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.22 1.17 0.00	11.41 0.64 0.00	9.86 0.51 0.00	14.51 0.76 0.00	10.95 0.58 0.00	12.87 0.72 0.00	22.81 1.15 0.00	26.42 1.35 0.00	28.20 1.66 0.00	26.82 1.61 0.00	30.17 2.04 0.00	39.11 2.48 0.00	44.26 2.60 -0.02	44.25 2.62 0.00	45.72 2.80 -1.63	50.02 3.06 0.00	49.66 3.05 0.00	48.07 2.58 0.00	44.74 1.98 0.00	45.32 1.74 0.00	42.46 1.73 0.00	40.86 1.96 0.00	37.42 1.85 0.00	34.85 1.78 0.00
FARRAGUT___LBMP 323566	21.21 1.17 0.00	11.40 0.64 0.00	9.85 0.51 0.00	14.50 0.75 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.79 1.13 0.00	26.39 1.32 0.00	28.17 1.62 0.00	26.79 1.58 0.00	30.12 1.99 0.00	39.06 2.43 0.00	44.21 2.56 -0.02	44.19 2.56 0.00	45.65 2.74 -1.63	49.95 2.99 0.00	49.60 2.99 0.00	48.01 2.52 0.00	44.68 1.93 0.00	45.28 1.69 0.00	42.42 1.69 0.00	40.83 1.92 0.00	37.39 1.81 0.00	34.82 1.75 0.00
FENNER___WINDPWR 24204	22.00 0.22 -1.73	11.75 0.12 -0.87	9.45 0.10 0.00	13.90 0.14 0.00	10.49 0.12 0.00	12.30 0.15 0.00	21.99 0.33 0.00	25.56 0.49 0.00	27.13 0.58 0.00	25.80 0.59 0.00	28.82 0.69 0.00	37.61 0.97 -0.01	42.84 1.19 -0.02	42.89 1.26 0.00	42.63 1.35 0.00	48.62 1.61 -0.05	48.38 1.78 0.00	47.25 1.76 0.00	44.59 1.84 0.00	45.60 2.02 0.00	42.54 1.81 0.00	40.60 1.69 0.00	36.94 1.36 0.00	34.14 1.07 0.00
FIBERTEK___ENERGY 23856	19.96 -0.08 0.00	10.74 -0.02 0.00	9.33 -0.01 0.00	13.71 -0.04 0.00	10.36 0.00 0.00	12.12 -0.04 0.00	21.59 -0.07 0.00	25.08 0.02 0.00	26.62 0.07 0.00	25.36 0.15 0.00	28.41 0.28 0.00	37.04 0.38 -0.03	42.23 0.55 -0.04	42.24 0.61 0.00	42.02 0.74 0.00	47.91 0.83 -0.12	47.58 0.97 0.00	46.34 0.85 0.00	43.57 0.81 0.00	44.34 0.75 0.00	41.32 0.59 0.00	39.45 0.54 0.00	36.03 0.44 0.00	33.36 0.29 0.00
FITZPATRICK____ 23598	19.52 -0.53 0.00	10.50 -0.27 0.00	9.12 -0.22 0.00	13.41 -0.34 0.00	10.12 -0.25 0.00	11.84 -0.31 0.00	21.08 -0.58 0.00	24.41 -0.66 0.00	25.86 -0.68 0.00	24.61 -0.60 0.00	27.54 -0.58 0.00	35.69 -0.77 0.17	40.58 -0.82 0.24	40.84 -0.80 0.00	40.57 -0.71 0.00	45.47 -0.83 0.66	45.86 -0.75 0.00	44.67 -0.82 0.00	41.99 -0.76 0.00	42.84 -0.75 0.00	39.98 -0.76 0.00	38.19 -0.72 0.00	34.90 -0.68 0.00	32.36 -0.71 0.00
FLOWRFLD_69_KV_BK1 356044	21.56 1.50 0.00	11.61 0.85 0.00	10.05 0.70 0.00	14.72 0.97 0.00	11.13 0.76 0.00	12.97 0.82 0.00	22.81 1.16 0.00	26.51 1.44 0.00	28.23 1.69 0.00	26.96 1.75 0.00	45.15 2.41 -14.61	46.98 2.95 -7.40	47.17 3.15 -2.39	49.98 3.12 -5.23	66.39 3.28 -21.83	56.59 3.80 -5.82	58.83 3.81 -8.41	79.28 3.39 -30.40	82.14 2.91 -36.47	65.44 2.74 -19.11	60.16 2.51 -16.92	62.55 2.70 -20.94	62.03 2.58 -23.87	44.13 2.57 -8.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.22 1.17 0.00	11.39 0.62 0.00	9.84 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.69 0.00	22.82 1.16 0.00	26.41 1.34 0.00	28.10 1.55 0.00	26.67 1.46 0.00	29.97 1.84 0.00	38.88 2.25 0.00	44.08 2.43 -0.02	44.16 2.53 0.00	45.29 2.72 -1.29	50.12 3.16 0.00	49.89 3.29 0.00	48.46 2.97 0.00	45.24 2.48 0.00	45.92 2.33 0.00	42.91 2.17 0.00	41.18 2.27 0.00	37.60 2.03 0.00	34.95 1.88 0.00
FORT ORANGE____ 23900	20.69 0.64 0.00	11.11 0.35 0.00	9.62 0.28 0.00	14.20 0.45 0.00	10.70 0.32 0.00	12.56 0.40 0.00	22.29 0.63 0.00	25.70 0.63 0.00	27.08 0.53 0.00	25.56 0.35 0.00	28.58 0.45 0.00	36.99 0.36 0.00	41.95 0.33 0.02	42.13 0.49 0.00	40.44 0.49 1.33	47.55 0.60 0.00	47.25 0.64 0.00	46.08 0.59 0.00	43.32 0.57 0.00	44.27 0.69 0.00	41.52 0.78 0.00	39.92 1.01 0.00	36.39 0.81 0.00	33.87 0.80 0.00
FORT_DRUM_COGEN 23780	19.89 -0.16 0.00	10.65 -0.11 0.00	9.18 -0.17 0.00	13.45 -0.30 0.00	10.16 -0.21 0.00	11.99 -0.17 0.00	21.66 0.00 0.00	25.64 0.57 0.00	27.36 0.80 0.00	26.04 0.83 0.00	28.42 0.29 0.00	37.24 0.59 -0.02	42.40 0.73 -0.04	41.62 -0.01 0.00	41.04 -0.24 0.00	47.31 0.25 -0.09	47.37 0.76 0.00	47.19 1.70 0.00	45.01 2.25 0.00	46.52 2.94 0.00	43.59 2.86 0.00	41.64 2.74 0.00	37.01 1.43 0.00	33.65 0.58 0.00
FOX_HILLS___ESR 323835	21.15 1.10 0.00	11.36 0.59 0.00	9.80 0.46 0.00	14.43 0.67 0.00	10.88 0.51 0.00	12.80 0.65 0.00	22.68 1.02 0.00	26.29 1.23 0.00	28.10 1.55 0.00	26.72 1.51 0.00	30.09 1.95 0.00	39.07 2.44 0.00	44.15 2.50 -0.02	44.29 2.65 0.00	45.68 2.77 -1.63	50.01 3.05 0.00	49.64 3.03 0.00	48.09 2.60 0.00	44.63 1.88 0.00	45.22 1.63 0.00	42.41 1.67 0.00	40.90 1.99 0.00	37.50 1.92 0.00	34.87 1.80 0.00
FPL FAR_ROCK_GT1 24212	21.69 1.64 0.00	11.67 0.91 0.00	10.09 0.74 0.00	14.79 1.04 0.00	11.17 0.80 0.00	13.06 0.91 0.00	23.07 1.41 0.00	26.77 1.70 0.00	28.53 1.98 0.00	27.23 2.01 0.00	45.40 2.67 -14.61	47.35 3.32 -7.40	47.63 3.61 -2.39	50.79 3.61 -5.54	69.02 3.62 -24.12	57.70 3.84 -6.89	59.89 3.90 -9.38	81.96 3.46 -33.00	82.13 2.91 -36.47	66.80 2.75 -20.47	62.06 2.89 -18.43	64.78 3.10 -22.77	62.30 2.84 -23.87	44.19 2.62 -8.50



FPL FAR_ROCK_GT2 23815	21.69 1.64 0.00	11.67 0.91 0.00	10.09 0.74 0.00	14.79 1.04 0.00	11.17 0.80 0.00	13.06 0.91 0.00	23.07 1.41 0.00	26.77 1.70 0.00	28.53 1.98 0.00	27.23 2.01 0.00	45.40 2.67 -14.61	47.35 3.32 -7.40	47.63 3.61 -2.39	50.79 3.61 -5.54	69.02 3.62 -24.12	57.70 3.84 -6.89	59.89 3.90 -9.38	81.96 3.46 -33.00	82.13 2.91 -36.47	66.80 2.75 -20.47	62.06 2.89 -18.43	64.78 3.10 -22.77	62.30 2.84 -23.87	44.19 2.62 -8.50
FRANKLIN_FALL_HYD 24054	19.93 -0.12 0.00	10.63 -0.13 0.00	9.23 -0.11 0.00	13.54 -0.21 0.00	10.22 -0.15 0.00	11.99 -0.16 0.00	21.60 -0.06 0.00	24.90 -0.17 0.00	26.42 -0.13 0.00	25.04 -0.17 0.00	27.83 -0.30 0.00	36.63 0.00 0.00	41.75 0.11 0.00	41.36 -0.27 0.00	40.72 -0.56 0.00	46.41 -0.54 0.00	46.31 -0.30 0.00	45.95 0.47 0.00	43.50 0.74 0.00	44.45 0.86 0.00	41.08 0.34 0.00	38.49 -0.42 0.00	35.17 -0.41 0.00	32.95 -0.12 0.00
FREEPORT_EQUS_GT1 23764	21.54 1.49 0.00	11.59 0.83 0.00	10.02 0.67 0.00	14.69 0.94 0.00	11.09 0.73 0.00	12.97 0.82 0.00	22.88 1.22 0.00	26.57 1.50 0.00	28.31 1.76 0.00	27.00 1.79 0.00	45.01 2.27 -14.61	46.83 2.80 -7.40	47.01 2.99 -2.39	50.18 3.00 -5.54	68.53 3.13 -24.12	57.26 3.41 -6.89	59.46 3.48 -9.38	81.58 3.09 -33.00	81.75 2.53 -36.47	66.40 2.35 -20.47	61.37 2.21 -18.43	64.24 2.57 -22.77	62.00 2.55 -23.87	43.99 2.42 -8.50
FREEPORT___CT2 23818	21.54 1.49 0.00	11.59 0.83 0.00	10.02 0.67 0.00	14.69 0.94 0.00	11.09 0.73 0.00	12.97 0.82 0.00	22.88 1.22 0.00	26.57 1.50 0.00	28.31 1.76 0.00	27.00 1.79 0.00	45.01 2.27 -14.61	46.83 2.80 -7.40	47.01 2.99 -2.39	50.18 3.00 -5.54	68.53 3.13 -24.12	57.26 3.41 -6.89	59.46 3.48 -9.38	81.58 3.09 -33.00	81.75 2.53 -36.47	66.40 2.35 -20.47	61.37 2.21 -18.43	64.24 2.57 -22.77	62.00 2.55 -23.87	43.99 2.42 -8.50
FRESHKLS_33_KV_LOAD 356253	21.10 1.05 0.00	11.34 0.57 0.00	9.78 0.44 0.00	14.39 0.64 0.00	10.86 0.49 0.00	12.77 0.61 0.00	22.62 0.96 0.00	26.22 1.15 0.00	28.03 1.48 0.00	26.64 1.43 0.00	30.02 1.88 0.00	38.99 2.36 0.00	44.00 2.35 -0.02	44.19 2.56 0.00	45.58 2.66 -1.63	49.91 2.96 0.00	49.59 2.98 0.00	48.06 2.57 0.00	44.05 1.76 0.46	44.91 1.51 0.19	41.95 1.57 0.35	40.79 1.89 0.01	37.43 1.85 0.00	34.81 1.74 0.00
FULTON COGEN____ 23766	19.73 -0.32 0.00	10.61 -0.16 0.00	9.22 -0.13 0.00	13.55 -0.21 0.00	10.22 -0.15 0.00	11.96 -0.19 0.00	21.32 -0.34 0.00	24.73 -0.34 0.00	26.23 -0.32 0.00	24.96 -0.26 0.00	27.97 -0.16 0.00	36.45 -0.24 -0.06	41.55 -0.16 -0.08	41.46 -0.18 0.00	41.19 -0.10 0.00	47.09 -0.09 -0.21	46.63 0.02 0.00	45.42 -0.06 0.00	42.73 -0.02 0.00	43.64 0.05 0.00	40.71 -0.03 0.00	38.89 -0.02 0.00	35.51 -0.07 0.00	32.91 -0.16 0.00
FULTON___LFGE 323630	21.43 1.38 0.00	11.47 0.70 0.00	9.95 0.61 0.00	14.64 0.88 0.00	11.21 0.84 0.00	13.18 1.03 0.00	23.11 1.45 0.00	25.67 0.60 0.00	26.98 0.43 0.00	24.62 -0.59 0.00	28.11 -0.02 0.00	36.91 0.28 0.00	44.24 2.62 0.01	41.51 -0.12 0.00	40.39 0.07 0.96	48.59 1.63 0.00	48.58 1.98 0.00	48.93 3.44 0.00	47.11 4.35 0.00	49.26 5.68 0.00	46.34 5.60 0.00	43.99 5.09 0.00	40.07 4.49 0.00	36.75 3.68 0.00
G.F.CEMENT___DRP 24184	21.64 1.59 0.00	11.57 0.80 0.00	10.00 0.65 0.00	14.76 1.01 0.00	11.16 0.79 0.00	13.15 1.00 0.00	23.50 1.85 0.00	27.14 2.07 0.00	28.48 1.93 0.00	26.69 1.48 0.00	29.60 1.47 0.00	38.20 1.57 0.00	43.68 2.06 0.02	43.76 2.13 0.00	41.67 1.98 1.59	49.34 2.39 0.00	48.90 2.30 0.00	47.86 2.37 0.00	45.01 2.25 0.00	45.83 2.25 0.00	43.30 2.56 0.00	41.69 2.79 0.00	38.15 2.57 0.00	35.45 2.38 0.00
GARDENVILLE___LBMP 24039	16.90 -0.93 2.22	9.33 -0.32 1.12	9.19 -0.15 0.00	13.35 -0.40 0.00	10.14 -0.23 0.00	11.72 -0.43 0.00	21.05 -0.61 0.00	25.18 0.11 0.00	27.30 0.74 0.00	26.31 1.10 0.00	29.71 1.59 0.00	38.74 2.11 0.00	44.18 2.54 0.00	44.15 2.51 0.00	44.03 2.75 0.00	49.81 2.85 0.00	49.32 2.71 0.00	47.34 1.85 0.00	44.42 1.67 0.00	45.84 2.25 0.00	42.59 1.86 0.00	40.54 1.64 0.00	37.32 1.74 0.00	34.46 1.39 0.00
GARDNVLA_35_KV_LD 355827	17.01 -0.82 2.22	9.39 -0.26 1.12	9.24 -0.10 0.00	13.42 -0.34 0.00	10.19 -0.18 0.00	11.77 -0.38 0.00	21.15 -0.51 0.00	25.31 0.24 0.00	27.45 0.90 0.00	26.47 1.26 0.00	29.90 1.77 0.00	39.00 2.37 0.00	44.51 2.87 0.00	44.48 2.85 0.00	44.36 3.08 0.00	50.21 3.25 0.00	49.72 3.11 0.00	47.71 2.22 0.00	44.78 2.03 0.00	46.21 2.63 0.00	42.94 2.21 0.00	40.88 1.98 0.00	37.62 2.04 0.00	34.72 1.65 0.00
GELCKHM__115KV_LOAD 80723	19.84 -0.21 0.00	10.67 -0.09 0.00	9.27 -0.07 0.00	13.63 -0.13 0.00	10.29 -0.07 0.00	12.04 -0.11 0.00	21.45 -0.20 0.00	24.90 -0.16 0.00	26.43 -0.12 0.00	25.17 -0.04 0.00	28.21 0.08 0.00	36.77 0.12 -0.02	41.89 0.23 -0.03	41.90 0.27 0.00	41.67 0.39 0.00	47.48 0.44 -0.08	47.17 0.56 0.00	45.93 0.44 0.00	43.18 0.42 0.00	43.99 0.40 0.00	41.00 0.27 0.00	39.16 0.25 0.00	35.75 0.17 0.00	33.13 0.06 0.00
GENERAL___MILLS 23808	16.96 -0.86 2.22	9.37 -0.28 1.12	9.22 -0.12 0.00	13.39 -0.36 0.00	10.17 -0.20 0.00	11.75 -0.40 0.00	21.11 -0.55 0.00	25.26 0.19 0.00	27.38 0.84 0.00	26.39 1.18 0.00	29.80 1.67 0.00	38.86 2.23 0.00	44.35 2.71 0.00	44.32 2.68 0.00	44.20 2.92 0.00	50.01 3.05 0.00	49.52 2.91 0.00	47.53 2.04 0.00	44.60 1.85 0.00	46.03 2.44 0.00	42.78 2.04 0.00	40.73 1.82 0.00	37.49 1.91 0.00	34.60 1.54 0.00
GE_PLASTICS___DRP 24183	20.58 0.53 0.00	11.06 0.29 0.00	9.57 0.23 0.00	14.13 0.38 0.00	10.64 0.27 0.00	12.49 0.34 0.00	22.19 0.52 0.00	25.59 0.52 0.00	27.02 0.47 0.00	25.56 0.34 0.00	28.58 0.45 0.00	37.03 0.40 0.00	41.98 0.36 0.01	42.11 0.48 0.00	40.71 0.48 1.05	47.50 0.54 0.00	47.15 0.54 0.00	45.92 0.43 0.00	43.10 0.35 0.00	43.97 0.39 0.00	41.19 0.46 0.00	39.58 0.68 0.00	36.14 0.57 0.00	33.66 0.59 0.00
GILBOA___1 23756	20.53 0.48 0.00	11.02 0.26 0.00	9.56 0.21 0.00	14.12 0.37 0.00	10.61 0.24 0.00	12.45 0.30 0.00	22.14 0.48 0.00	25.58 0.51 0.00	27.13 0.58 0.00	25.73 0.51 0.00	28.81 0.67 0.00	37.36 0.73 0.00	42.39 0.76 0.00	42.43 0.80 0.00	42.16 0.88 0.00	47.93 0.97 0.00	47.38 0.78 0.00	46.06 0.57 0.00	43.19 0.44 0.00	43.97 0.39 0.00	41.16 0.42 0.00	39.58 0.67 0.00	36.24 0.66 0.00	33.73 0.67 0.00
GILBOA___2 23757	20.53 0.48 0.00	11.02 0.26 0.00	9.56 0.21 0.00	14.12 0.37 0.00	10.61 0.24 0.00	12.45 0.30 0.00	22.14 0.48 0.00	25.58 0.51 0.00	27.13 0.58 0.00	25.73 0.51 0.00	28.81 0.67 0.00	37.36 0.73 0.00	42.39 0.76 0.00	42.43 0.80 0.00	42.16 0.88 0.00	47.93 0.97 0.00	47.38 0.78 0.00	46.06 0.57 0.00	43.19 0.44 0.00	43.97 0.39 0.00	41.16 0.42 0.00	39.58 0.67 0.00	36.24 0.66 0.00	33.73 0.67 0.00

GILBOA___3 23758	20.53 0.48 0.00	11.02 0.26 0.00	9.56 0.21 0.00	14.12 0.37 0.00	10.61 0.24 0.00	12.45 0.30 0.00	22.14 0.48 0.00	25.58 0.51 0.00	27.13 0.58 0.00	25.73 0.51 0.00	28.81 0.67 0.00	37.36 0.73 0.00	42.39 0.76 0.00	42.43 0.80 0.00	42.16 0.88 0.00	47.93 0.97 0.00	47.38 0.78 0.00	46.06 0.57 0.00	43.19 0.44 0.00	43.97 0.39 0.00	41.16 0.42 0.00	39.58 0.67 0.00	36.24 0.66 0.00	33.73 0.67 0.00
GILBOA___4 23759	20.53 0.48 0.00	11.02 0.26 0.00	9.56 0.21 0.00	14.12 0.37 0.00	10.61 0.24 0.00	12.45 0.30 0.00	22.14 0.48 0.00	25.58 0.51 0.00	27.13 0.58 0.00	25.73 0.51 0.00	28.81 0.67 0.00	37.36 0.73 0.00	42.39 0.76 0.00	42.43 0.80 0.00	42.16 0.88 0.00	47.93 0.97 0.00	47.38 0.78 0.00	46.06 0.57 0.00	43.19 0.44 0.00	43.97 0.39 0.00	41.16 0.42 0.00	39.58 0.67 0.00	36.24 0.66 0.00	33.73 0.67 0.00
GILBOA___ 23599	20.53 0.48 0.00	11.02 0.26 0.00	9.56 0.21 0.00	14.12 0.37 0.00	10.61 0.24 0.00	12.45 0.30 0.00	22.14 0.48 0.00	25.58 0.51 0.00	27.13 0.58 0.00	25.73 0.51 0.00	28.81 0.68 0.00	37.37 0.73 0.00	42.39 0.75 0.00	42.44 0.80 0.00	42.16 0.88 0.00	47.93 0.97 0.00	47.38 0.78 0.00	46.06 0.57 0.00	43.19 0.44 0.00	43.97 0.38 0.00	41.16 0.42 0.00	39.58 0.67 0.00	36.25 0.66 0.00	33.73 0.67 0.00
GINNA___ 23603	17.77 -1.24 1.04	9.67 -0.58 0.52	8.90 -0.45 0.00	13.01 -0.74 0.00	9.86 -0.52 0.00	11.48 -0.67 0.00	20.54 -1.12 0.00	24.19 -0.88 0.00	25.89 -0.66 0.00	24.81 -0.40 0.00	27.99 -0.14 0.00	36.59 -0.05 0.00	41.76 0.13 0.00	41.81 0.18 0.00	41.73 0.44 0.00	47.49 0.53 0.00	47.19 0.59 0.00	45.72 0.23 0.00	42.85 0.10 0.00	43.85 0.26 0.00	40.78 0.05 0.00	38.84 -0.06 0.00	35.53 -0.05 0.00	32.79 -0.27 0.00
GLEN PARK___ 23778	19.99 -0.06 0.00	10.71 -0.06 0.00	9.23 -0.11 0.00	13.53 -0.23 0.00	10.22 -0.16 0.00	12.06 -0.09 0.00	21.79 0.13 0.00	25.79 0.73 0.00	27.53 0.98 0.00	26.19 0.98 0.00	28.54 0.41 0.00	37.37 0.72 -0.03	42.55 0.88 -0.04	41.75 0.12 0.00	41.17 -0.11 0.00	47.45 0.39 -0.10	47.54 0.93 0.00	47.38 1.89 0.00	45.22 2.47 0.00	46.80 3.21 0.00	43.91 3.18 0.00	42.01 3.11 0.00	37.33 1.75 0.00	33.93 0.86 0.00
GLENDALE_27_KV_LOAD 356172	21.30 1.25 0.00	11.46 0.69 0.00	9.89 0.55 0.00	14.56 0.80 0.00	10.99 0.62 0.00	12.92 0.77 0.00	22.89 1.23 0.00	26.54 1.47 0.00	28.34 1.79 0.00	26.96 1.75 0.00	30.31 2.18 0.00	39.31 2.68 0.00	44.50 2.85 -0.02	44.51 2.88 0.00	45.94 3.03 -1.63	50.26 3.30 0.00	49.88 3.27 0.00	48.26 2.77 0.00	44.93 2.17 0.00	45.52 1.93 0.00	42.69 1.95 0.00	41.13 2.23 0.00	37.67 2.10 0.00	35.03 1.97 0.00
GLENWOOD_IC_1_G5 23712	21.38 1.33 0.00	11.50 0.73 0.00	9.94 0.59 0.00	14.60 0.85 0.00	11.02 0.65 0.00	12.91 0.76 0.00	22.84 1.18 0.00	26.49 1.43 0.00	28.25 1.70 0.00	26.91 1.70 0.00	44.98 2.25 -14.61	46.80 2.77 -7.40	46.99 2.97 -2.39	50.17 2.99 -5.54	68.48 3.08 -24.12	57.20 3.34 -6.89	59.27 3.28 -9.38	81.32 2.83 -33.00	81.49 2.27 -36.47	66.22 2.17 -20.47	61.39 2.22 -18.43	63.97 2.30 -22.77	61.78 2.33 -23.87	43.93 2.36 -8.49
GLENWOOD_IC_2_G1 23688	21.29 1.24 0.00	11.44 0.68 0.00	9.89 0.55 0.00	14.54 0.78 0.00	10.97 0.60 0.00	12.87 0.72 0.00	22.78 1.12 0.00	26.39 1.32 0.00	28.13 1.58 0.00	26.77 1.56 0.00	44.79 2.05 -14.61	46.54 2.51 -7.40	46.68 2.66 -2.39	49.84 2.67 -5.54	68.22 2.82 -24.12	56.99 3.13 -6.89	59.14 3.16 -9.38	81.22 2.72 -33.00	81.41 2.18 -36.47	66.06 2.01 -20.47	61.09 1.92 -18.43	63.81 2.13 -22.77	61.58 2.13 -23.87	43.82 2.26 -8.50
GLENWOOD_IC_3_G1 23689	21.29 1.24 0.00	11.44 0.68 0.00	9.89 0.55 0.00	14.54 0.78 0.00	10.97 0.60 0.00	12.87 0.72 0.00	22.78 1.12 0.00	26.39 1.32 0.00	28.13 1.58 0.00	26.77 1.56 0.00	44.79 2.05 -14.61	46.54 2.51 -7.40	46.68 2.66 -2.39	49.84 2.67 -5.54	68.22 2.82 -24.12	56.99 3.13 -6.89	59.14 3.16 -9.38	81.22 2.72 -33.00	81.41 2.18 -36.47	66.06 2.01 -20.47	61.09 1.92 -18.43	63.81 2.13 -22.77	61.58 2.13 -23.87	43.82 2.26 -8.50
GLENWOOD___4 23550	21.38 1.33 0.00	11.50 0.73 0.00	9.94 0.59 0.00	14.60 0.85 0.00	11.02 0.65 0.00	12.91 0.76 0.00	22.84 1.18 0.00	26.49 1.43 0.00	28.25 1.70 0.00	26.91 1.70 0.00	44.98 2.25 -14.61	46.80 2.77 -7.40	46.99 2.97 -2.39	50.17 2.99 -5.54	68.51 3.11 -24.12	57.28 3.43 -6.89	59.38 3.40 -9.38	81.44 2.95 -33.00	81.61 2.39 -36.47	66.30 2.24 -20.47	61.39 2.22 -18.43	64.01 2.34 -22.77	61.78 2.33 -23.87	43.93 2.36 -8.49
GLENWOOD___5 23614	21.38 1.33 0.00	11.50 0.73 0.00	9.94 0.59 0.00	14.60 0.85 0.00	11.02 0.65 0.00	12.91 0.76 0.00	22.84 1.18 0.00	26.49 1.43 0.00	28.25 1.70 0.00	26.91 1.70 0.00	44.98 2.25 -14.61	46.80 2.77 -7.40	46.99 2.97 -2.39	50.17 2.99 -5.54	68.51 3.11 -24.12	57.28 3.43 -6.89	59.38 3.40 -9.38	81.44 2.95 -33.00	81.61 2.39 -36.47	66.30 2.24 -20.47	61.39 2.22 -18.43	64.01 2.34 -22.77	61.78 2.33 -23.87	43.93 2.36 -8.49
GLOBAL GREEN_PORT_GT1 23814	22.13 2.07 0.00	11.92 1.16 0.00	10.32 0.98 0.00	15.13 1.38 0.00	11.45 1.08 0.00	13.34 1.19 0.00	23.55 1.89 0.00	27.40 2.34 0.00	29.28 2.73 0.00	28.04 2.83 0.00	46.38 3.64 -14.61	48.62 4.59 -7.40	49.03 5.01 -2.39	52.04 5.05 -5.35	69.34 5.34 -22.72	59.50 6.31 -6.24	61.92 6.53 -8.79	83.00 6.10 -31.41	84.66 5.43 -36.47	68.40 5.18 -19.64	62.87 4.63 -17.51	65.13 4.57 -21.66	63.57 4.13 -23.87	45.40 3.83 -8.50
GLOBE___DSASP 323697	16.77 -1.38 1.89	9.29 -0.53 0.95	9.02 -0.32 0.00	13.11 -0.64 0.00	9.97 -0.40 0.00	11.49 -0.66 0.00	20.56 -1.10 0.00	24.47 -0.60 0.00	26.47 -0.08 0.00	25.47 0.26 0.00	28.72 0.59 0.00	37.29 0.66 0.00	42.39 0.76 0.00	42.30 0.67 0.00	42.13 0.85 0.00	47.63 0.67 0.00	47.11 0.50 0.00	45.24 -0.24 0.00	42.51 -0.25 0.00	43.93 0.35 0.00	40.88 0.14 0.00	38.98 0.07 0.00	36.22 0.64 0.00	33.57 0.50 0.00
GOETHSLN___LBMP 323567	21.17 1.12 0.00	11.37 0.60 0.00	9.83 0.48 0.00	14.47 0.71 0.00	10.91 0.55 0.00	12.83 0.68 0.00	22.71 1.05 0.00	26.29 1.23 0.00	28.06 1.52 0.00	26.67 1.46 0.00	29.99 1.87 0.00	38.89 2.26 0.00	43.99 2.33 -0.02	43.91 2.28 0.00	45.38 2.46 -1.63	49.62 2.66 0.00	49.28 2.67 0.00	47.70 2.21 0.00	43.95 1.66 0.46	44.78 1.39 0.19	41.83 1.44 0.34	40.59 1.69 0.00	37.18 1.60 0.00	34.65 1.58 0.00
GOLAH___69_KV_TB 1_2 80279	18.43 -0.39 1.22	10.06 -0.09 0.61	9.34 0.00 0.00	13.62 -0.13 0.00	10.33 -0.04 0.00	12.00 -0.15 0.00	21.49 -0.17 0.00	25.44 0.37 0.00	27.34 0.79 0.00	26.19 0.98 0.00	29.53 1.40 0.00	38.57 1.94 0.00	44.08 2.44 0.00	44.09 2.46 0.00	44.03 2.75 0.00	50.36 3.40 0.00	50.12 3.52 0.00	48.24 2.75 0.00	45.19 2.44 0.00	46.34 2.75 0.00	43.18 2.45 0.00	41.08 2.18 0.00	37.71 2.13 0.00	34.79 1.72 0.00

GOODYEAR_LAKE_HYD 323669	20.56 0.50 0.00	11.03 0.26 0.00	9.58 0.23 0.00	14.10 0.34 0.00	10.65 0.28 0.00	12.50 0.34 0.00	22.25 0.59 0.00	25.88 0.81 0.00	27.55 1.00 0.00	26.27 1.06 0.00	29.54 1.41 0.00	38.49 1.86 0.00	43.80 2.17 0.00	43.77 2.14 0.00	43.63 2.35 0.00	49.71 2.75 0.00	49.36 2.76 0.00	48.04 2.55 0.00	45.12 2.36 0.00	46.01 2.43 0.00	42.86 2.12 0.00	40.91 2.00 0.00	37.42 1.84 0.00	34.65 1.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.02 -0.03 0.00	10.76 0.00 0.00	9.38 0.04 0.00	13.80 0.05 0.00	10.41 0.04 0.00	12.16 0.01 0.00	21.72 0.06 0.00	25.35 0.28 0.00	26.99 0.44 0.00	25.75 0.54 0.00	28.89 0.76 0.00	37.55 0.91 -0.01	42.80 1.14 -0.02	42.76 1.12 0.00	42.64 1.36 0.00	48.51 1.50 -0.04	48.12 1.51 0.00	46.50 1.01 0.00	43.72 0.97 0.00	44.65 1.06 0.00	41.62 0.88 0.00	39.76 0.85 0.00	36.40 0.82 0.00	33.72 0.66 0.00
GOUDEY___7 23579	20.04 -0.01 0.00	10.77 0.01 0.00	9.39 0.04 0.00	13.81 0.06 0.00	10.42 0.05 0.00	12.17 0.02 0.00	21.74 0.08 0.00	25.36 0.30 0.00	27.02 0.47 0.00	25.78 0.57 0.00	28.92 0.79 0.00	37.60 0.96 -0.01	42.87 1.22 -0.02	42.81 1.18 0.00	42.70 1.43 0.00	48.58 1.58 -0.04	48.19 1.59 0.00	46.58 1.09 0.00	43.80 1.04 0.00	44.71 1.13 0.00	41.69 0.95 0.00	39.82 0.92 0.00	36.44 0.86 0.00	33.76 0.70 0.00
GOUDEY___8 23580	20.02 -0.03 0.00	10.76 0.00 0.00	9.38 0.04 0.00	13.80 0.05 0.00	10.41 0.04 0.00	12.16 0.01 0.00	21.72 0.06 0.00	25.35 0.28 0.00	26.99 0.44 0.00	25.75 0.54 0.00	28.89 0.76 0.00	37.55 0.91 -0.01	42.80 1.14 -0.02	42.76 1.12 0.00	42.64 1.36 0.00	48.51 1.50 -0.04	48.12 1.51 0.00	46.50 1.01 0.00	43.72 0.97 0.00	44.65 1.06 0.00	41.62 0.88 0.00	39.76 0.85 0.00	36.40 0.82 0.00	33.72 0.66 0.00
GOWANUS_GT1_1 24077	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT1_2 24078	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT1_3 24079	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT1_4 24080	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT1_5 24084	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT1_6 24111	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT1_7 24112	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT1_8 24113	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT2_1 24114	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT2_2 24115	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT2_3 24116	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00

GOWANUS_GT2_4 24117	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT2_5 24118	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT2_6 24119	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT2_7 24120	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT2_8 24121	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_1 24122	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_2 24123	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_3 24124	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_4 24125	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_5 24126	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_6 24127	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_7 24128	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT3_8 24129	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT4_1 24130	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT4_2 24131	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00

GOWANUS_GT4_3 24132	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT4_4 24133	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT4_5 24134	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT4_6 24135	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT4_7 24136	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GOWANUS_GT4_8 24137	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GREENBSH_115KV_TB3 55895	20.59 0.53 0.00	11.06 0.30 0.00	9.57 0.23 0.00	14.13 0.38 0.00	10.64 0.27 0.00	12.49 0.34 0.00	22.17 0.51 0.00	25.56 0.49 0.00	26.96 0.41 0.00	25.47 0.26 0.00	28.49 0.36 0.00	36.88 0.25 0.00	41.82 0.19 0.02	41.97 0.33 0.00	40.18 0.31 1.42	47.31 0.35 0.00	46.97 0.36 0.00	45.77 0.28 0.00	42.95 0.19 0.00	43.83 0.24 0.00	41.08 0.34 0.00	39.50 0.59 0.00	36.05 0.46 0.00	33.58 0.51 0.00
GREENIDGE_115KV_TB5 80291	15.03 -0.35 4.67	8.29 -0.13 2.35	9.30 -0.04 0.00	13.63 -0.13 0.00	10.30 -0.07 0.00	12.02 -0.14 0.00	21.56 -0.11 0.00	25.35 0.28 0.00	27.15 0.60 0.00	26.00 0.79 0.00	29.11 0.99 0.00	38.07 1.43 -0.01	43.52 1.87 -0.01	43.45 1.82 0.00	43.35 2.07 0.00	49.36 2.36 -0.04	49.25 2.65 0.00	47.98 2.49 0.00	44.93 2.17 0.00	45.88 2.30 0.00	42.64 1.91 0.00	40.60 1.69 0.00	37.01 1.43 0.00	34.12 1.06 0.00
GREENIDGE___3 23582	15.03 -0.35 4.67	8.29 -0.13 2.35	9.30 -0.04 0.00	13.63 -0.13 0.00	10.30 -0.07 0.00	12.02 -0.14 0.00	21.56 -0.11 0.00	25.35 0.28 0.00	27.15 0.60 0.00	26.00 0.79 0.00	29.11 0.99 0.00	38.07 1.43 -0.01	43.52 1.87 -0.01	43.45 1.82 0.00	43.35 2.07 0.00	49.36 2.36 -0.04	49.25 2.65 0.00	47.98 2.49 0.00	44.93 2.17 0.00	45.88 2.30 0.00	42.64 1.91 0.00	40.60 1.69 0.00	37.01 1.43 0.00	34.12 1.06 0.00
GREENIDGE___4 23583	15.02 -0.36 4.67	8.29 -0.13 2.35	9.30 -0.04 0.00	13.63 -0.13 0.00	10.30 -0.07 0.00	12.01 -0.14 0.00	21.56 -0.10 0.00	25.35 0.28 0.00	27.14 0.59 0.00	26.00 0.79 0.00	29.12 0.98 0.00	38.07 1.43 -0.01	43.53 1.88 -0.01	43.46 1.83 0.00	43.35 2.07 0.00	49.35 2.36 -0.04	49.25 2.65 0.00	47.98 2.49 0.00	44.93 2.17 0.00	45.88 2.29 0.00	42.64 1.91 0.00	40.60 1.69 0.00	37.01 1.43 0.00	34.13 1.06 0.00
GREENLWN_69_KV_BK 3 55738	21.38 1.33 0.00	11.52 0.76 0.00	9.97 0.62 0.00	14.61 0.86 0.00	11.03 0.66 0.00	12.88 0.73 0.00	22.68 1.02 0.00	26.32 1.25 0.00	28.04 1.49 0.00	26.74 1.53 0.00	44.88 2.14 -14.61	46.61 2.59 -7.40	46.73 2.71 -2.39	49.40 2.67 -5.10	64.92 2.78 -20.86	55.49 3.16 -5.37	57.82 3.22 -8.00	77.63 2.83 -29.31	81.54 2.31 -36.47	64.11 2.06 -18.47	58.92 1.90 -16.28	61.24 2.15 -20.18	61.51 2.06 -23.87	43.63 2.06 -8.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
GRISSOM___SOLAR 323813	21.43 1.38 0.00	11.47 0.70 0.00	9.95 0.61 0.00	14.64 0.88 0.00	11.21 0.84 0.00	13.18 1.03 0.00	23.11 1.45 0.00	25.67 0.60 0.00	26.98 0.43 0.00	24.62 -0.59 0.00	28.11 -0.02 0.00	36.91 0.28 0.00	44.24 2.62 0.01	41.51 -0.12 0.00	40.39 0.07 0.96	48.59 1.63 0.00	48.58 1.98 0.00	48.93 3.44 0.00	47.11 4.35 0.00	49.26 5.68 0.00	46.34 5.60 0.00	43.99 5.09 0.00	40.07 4.49 0.00	36.75 3.68 0.00
GROVEVILLE___HYD 323602	21.22 1.17 0.00	11.39 0.62 0.00	9.84 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.69 0.00	22.82 1.16 0.00	26.41 1.34 0.00	28.10 1.55 0.00	26.67 1.46 0.00	29.97 1.84 0.00	38.88 2.25 0.00	44.08 2.43 -0.02	44.16 2.53 0.00	45.29 2.72 -1.29	50.12 3.16 0.00	49.89 3.29 0.00	48.46 2.97 0.00	45.24 2.48 0.00	45.92 2.33 0.00	42.91 2.17 0.00	41.18 2.27 0.00	37.60 2.03 0.00	34.95 1.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.96 -0.08 0.00	10.74 -0.02 0.00	9.33 -0.01 0.00	13.71 -0.04 0.00	10.36 0.00 0.00	12.12 -0.04 0.00	21.59 -0.07 0.00	25.08 0.02 0.00	26.62 0.07 0.00	25.36 0.15 0.00	28.41 0.28 0.00	37.04 0.38 -0.03	42.23 0.55 -0.04	42.24 0.61 0.00	42.02 0.74 0.00	47.91 0.83 -0.12	47.58 0.97 0.00	46.34 0.85 0.00	43.57 0.81 0.00	44.34 0.75 0.00	41.32 0.59 0.00	39.45 0.54 0.00	36.03 0.44 0.00	33.36 0.29 0.00

HAMLTNNY_34_KV_TB 80303	19.97 -0.08 0.00	10.75 -0.02 0.00	9.34 -0.01 0.00	13.73 -0.03 0.00	10.37 0.00 0.00	12.13 -0.03 0.00	21.61 -0.05 0.00	25.15 0.08 0.00	26.71 0.16 0.00	25.44 0.23 0.00	28.51 0.38 0.00	37.19 0.53 -0.03	42.35 0.67 -0.04	42.42 0.79 0.00	42.22 0.94 0.00	48.14 1.06 -0.12	47.82 1.22 0.00	46.55 1.06 0.00	43.79 1.04 0.00	44.55 0.96 0.00	41.51 0.77 0.00	39.61 0.70 0.00	36.19 0.61 0.00	33.47 0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	19.89 -0.16 0.00	10.64 -0.13 0.00	9.21 -0.13 0.00	13.51 -0.24 0.00	10.18 -0.19 0.00	12.00 -0.15 0.00	21.61 -0.05 0.00	25.12 0.05 0.00	26.71 0.16 0.00	25.41 0.20 0.00	27.80 -0.34 0.00	36.59 -0.05 -0.01	41.57 -0.08 -0.02	40.91 -0.72 0.00	40.24 -1.04 0.00	46.24 -0.76 -0.04	46.13 -0.48 0.00	45.88 0.40 0.00	43.58 0.82 0.00	44.79 1.21 0.00	41.70 0.96 0.00	39.70 0.79 0.00	35.83 0.25 0.00	33.04 -0.03 0.00
HARDSCRABBLE_WT_PWR 323673	20.30 0.25 0.00	10.89 0.13 0.00	9.46 0.11 0.00	13.95 0.20 0.00	10.49 0.12 0.00	12.33 0.18 0.00	21.99 0.33 0.00	25.32 0.25 0.00	26.70 0.15 0.00	25.20 -0.01 0.00	28.14 0.01 0.00	36.50 -0.13 0.00	41.62 -0.02 0.00	41.62 -0.01 0.00	41.36 0.08 0.00	47.22 0.27 0.00	46.83 0.22 0.00	45.81 0.33 0.00	43.42 0.66 0.00	44.38 0.80 0.00	41.62 0.88 0.00	39.92 1.02 0.00	36.46 0.88 0.00	33.77 0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.07 1.01 0.00	11.31 0.54 0.00	9.77 0.43 0.00	14.39 0.63 0.00	10.85 0.49 0.00	12.75 0.60 0.00	22.62 0.96 0.00	26.20 1.13 0.00	27.92 1.38 0.00	26.53 1.32 0.00	29.83 1.70 0.00	38.73 2.10 0.00	43.94 2.29 -0.02	43.97 2.34 0.00	45.22 2.55 -1.39	49.91 2.95 0.00	49.69 3.08 0.00	48.23 2.74 0.00	44.98 2.23 0.00	45.64 2.06 0.00	42.61 1.87 0.00	40.88 1.97 0.00	37.32 1.74 0.00	34.70 1.63 0.00
HARSNRAD_115KV_TB1 81005	17.16 -1.05 1.85	9.48 -0.36 0.93	9.15 -0.19 0.00	13.27 -0.49 0.00	10.09 -0.27 0.00	11.63 -0.52 0.00	20.86 -0.80 0.00	24.96 -0.11 0.00	27.05 0.50 0.00	26.03 0.82 0.00	29.37 1.24 0.00	38.29 1.67 0.00	43.66 2.02 0.00	43.62 1.98 0.00	43.47 2.19 0.00	49.20 2.24 0.00	48.70 2.10 0.00	46.80 1.31 0.00	43.94 1.19 0.00	45.40 1.82 0.00	42.24 1.50 0.00	40.25 1.35 0.00	37.13 1.55 0.00	34.32 1.25 0.00
HARZA MOOSE___RIVER 24016	20.09 0.04 0.00	10.75 -0.01 0.00	9.27 -0.07 0.00	13.64 -0.12 0.00	10.30 -0.06 0.00	12.14 -0.01 0.00	21.79 0.13 0.00	25.53 0.47 0.00	27.17 0.62 0.00	25.86 0.64 0.00	28.53 0.40 0.00	37.34 0.70 -0.01	42.50 0.85 -0.01	42.15 0.51 0.00	41.68 0.40 0.00	47.81 0.82 -0.03	47.76 1.16 0.00	47.18 1.69 0.00	44.73 1.98 0.00	45.94 2.35 0.00	42.91 2.18 0.00	40.94 2.03 0.00	36.73 1.15 0.00	33.67 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.84 -0.21 0.00	10.67 -0.09 0.00	9.28 -0.06 0.00	13.63 -0.12 0.00	10.29 -0.07 0.00	12.04 -0.11 0.00	21.46 -0.20 0.00	24.92 -0.15 0.00	26.47 -0.08 0.00	25.21 0.00 0.00	28.27 0.14 0.00	36.84 0.19 -0.02	41.99 0.33 -0.02	41.98 0.35 0.00	41.73 0.46 0.00	47.56 0.54 -0.07	47.25 0.64 0.00	45.97 0.48 0.00	43.22 0.46 0.00	44.05 0.46 0.00	41.06 0.32 0.00	39.20 0.30 0.00	35.80 0.22 0.00	33.20 0.13 0.00
HELLGATE_13_KV_LD 55870	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.94 0.57 0.00	12.87 0.71 0.00	22.77 1.11 0.00	26.38 1.32 0.00	28.16 1.61 0.00	26.78 1.57 0.00	30.11 1.98 0.00	39.04 2.42 0.00	44.21 2.56 -0.02	44.22 2.58 0.00	45.64 2.72 -1.63	49.88 2.92 0.00	49.50 2.89 0.00	47.91 2.43 0.00	44.61 1.86 0.00	45.21 1.63 0.00	42.40 1.66 0.00	40.86 1.96 0.00	37.43 1.86 0.00	34.82 1.75 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.94 0.57 0.00	12.87 0.71 0.00	22.77 1.11 0.00	26.38 1.32 0.00	28.16 1.61 0.00	26.78 1.57 0.00	30.11 1.98 0.00	39.04 2.42 0.00	44.21 2.56 -0.02	44.22 2.58 0.00	45.64 2.72 -1.63	49.88 2.92 0.00	49.50 2.89 0.00	47.91 2.43 0.00	44.61 1.86 0.00	45.21 1.63 0.00	42.40 1.66 0.00	40.86 1.96 0.00	37.43 1.86 0.00	34.82 1.75 0.00
HEMPSTEAD___ 23647	21.37 1.31 0.00	11.50 0.73 0.00	9.94 0.59 0.00	14.59 0.84 0.00	11.01 0.64 0.00	12.89 0.73 0.00	22.75 1.09 0.00	26.40 1.33 0.00	28.14 1.59 0.00	26.83 1.62 0.00	44.88 2.14 -14.61	46.65 2.62 -7.40	46.81 2.78 -2.39	49.97 2.79 -5.54	68.33 2.93 -24.12	57.10 3.25 -6.89	59.27 3.28 -9.38	81.34 2.85 -33.00	81.53 2.30 -36.47	66.17 2.12 -20.47	61.20 2.03 -18.43	63.94 2.27 -22.77	61.65 2.20 -23.87	43.74 2.17 -8.50
HEWLETT_69_KV_BK3 55828	21.60 1.55 0.00	11.63 0.86 0.00	10.05 0.70 0.00	14.73 0.98 0.00	11.13 0.76 0.00	13.01 0.86 0.00	22.96 1.30 0.00	26.65 1.58 0.00	28.39 1.84 0.00	27.09 1.88 0.00	45.24 2.50 -14.61	47.13 3.10 -7.40	47.38 3.36 -2.39	50.54 3.37 -5.54	68.83 3.42 -24.12	57.58 3.73 -6.89	59.77 3.79 -9.38	81.84 3.34 -33.00	82.00 2.78 -36.47	66.68 2.63 -20.47	61.82 2.64 -18.43	64.54 2.86 -22.77	62.08 2.63 -23.87	44.01 2.44 -8.49
HICKLING___1 23621	13.73 -0.62 5.70	7.62 -0.29 2.86	9.20 -0.14 0.00	13.52 -0.24 0.00	10.20 -0.17 0.00	11.87 -0.28 0.00	21.31 -0.35 0.00	25.18 0.11 0.00	27.04 0.49 0.00	26.00 0.79 0.00	29.35 1.22 0.00	38.16 1.52 -0.01	43.61 1.96 -0.01	43.51 1.88 0.00	43.51 2.23 0.00	49.42 2.43 -0.04	48.95 2.34 0.00	47.08 1.59 0.00	44.14 1.39 0.00	45.10 1.52 0.00	42.01 1.27 0.00	40.00 1.09 0.00	36.54 0.96 0.00	33.75 0.68 0.00
HICKLING___2 23622	13.73 -0.62 5.70	7.62 -0.29 2.86	9.20 -0.14 0.00	13.52 -0.24 0.00	10.20 -0.17 0.00	11.87 -0.28 0.00	21.31 -0.35 0.00	25.18 0.11 0.00	27.04 0.49 0.00	26.00 0.79 0.00	29.35 1.22 0.00	38.16 1.52 -0.01	43.61 1.96 -0.01	43.51 1.88 0.00	43.51 2.23 0.00	49.42 2.43 -0.04	48.95 2.34 0.00	47.08 1.59 0.00	44.14 1.39 0.00	45.10 1.52 0.00	42.01 1.27 0.00	40.00 1.09 0.00	36.54 0.96 0.00	33.75 0.68 0.00
HIGH FALLS___HY 23754	21.05 0.99 0.00	11.29 0.53 0.00	9.76 0.41 0.00	14.35 0.60 0.00	10.82 0.45 0.00	12.72 0.57 0.00	22.61 0.95 0.00	26.20 1.13 0.00	27.91 1.36 0.00	26.38 1.17 0.00	29.60 1.47 0.00	38.43 1.80 0.00	43.46 1.82 -0.01	43.51 1.87 0.00	44.25 2.19 -0.78	49.64 2.68 0.00	49.41 2.80 0.00	48.07 2.58 0.00	44.90 2.14 0.00	45.54 1.96 0.00	42.54 1.80 0.00	41.03 2.12 0.00	37.46 1.88 0.00	34.76 1.69 0.00
HIGH_RIVER___SOLAR 323847	20.82 0.77 0.00	11.17 0.41 0.00	9.68 0.34 0.00	14.27 0.52 0.00	10.77 0.40 0.00	12.64 0.49 0.00	22.49 0.83 0.00	25.94 0.87 0.00	27.42 0.87 0.00	25.92 0.71 0.00	28.97 0.84 0.00	37.65 1.02 0.00	42.83 1.21 0.01	42.95 1.31 0.00	41.30 1.20 1.18	48.46 1.50 0.00	48.18 1.57 0.00	47.10 1.61 0.00	44.35 1.60 0.00	45.31 1.72 0.00	42.45 1.71 0.00	40.66 1.75 0.00	37.13 1.55 0.00	34.49 1.42 0.00

HILLBURN___GT 23639	21.05 1.00 0.00	11.30 0.53 0.00	9.76 0.42 0.00	14.38 0.62 0.00	10.84 0.47 0.00	12.74 0.58 0.00	22.59 0.93 0.00	26.15 1.08 0.00	27.89 1.35 0.00	26.50 1.29 0.00	29.81 1.68 0.00	38.69 2.06 0.00	43.87 2.21 -0.02	43.85 2.21 0.00	45.12 2.40 -1.44	49.68 2.72 0.00	49.40 2.80 0.00	47.88 2.39 0.00	44.61 1.85 0.00	45.25 1.67 0.00	42.26 1.52 0.00	40.60 1.69 0.00	37.11 1.53 0.00	34.56 1.49 0.00
HILLSIDE_115KV_TB1 80332	13.93 -0.73 5.38	7.70 -0.36 2.70	9.13 -0.22 0.00	13.42 -0.33 0.00	10.13 -0.24 0.00	11.77 -0.38 0.00	21.11 -0.55 0.00	24.88 -0.19 0.00	26.63 0.08 0.00	25.59 0.38 0.00	28.85 0.72 0.00	37.47 0.83 -0.01	42.80 1.15 -0.01	42.67 1.03 0.00	42.68 1.40 0.00	48.48 1.48 -0.04	48.00 1.40 0.00	46.03 0.54 0.00	43.25 0.49 0.00	44.17 0.59 0.00	41.14 0.41 0.00	39.22 0.32 0.00	35.96 0.38 0.00	33.25 0.18 0.00
HISHELDN_WT_PWR 323625	16.18 -1.19 2.67	8.94 -0.48 1.34	9.06 -0.28 0.00	13.19 -0.56 0.00	10.01 -0.36 0.00	11.59 -0.56 0.00	20.86 -0.80 0.00	24.92 -0.14 0.00	27.05 0.50 0.00	26.07 0.86 0.00	29.42 1.29 0.00	38.39 1.76 0.00	43.81 2.17 0.00	43.79 2.15 0.00	43.62 2.34 0.00	49.37 2.41 0.00	48.92 2.31 0.00	47.03 1.54 0.00	43.97 1.22 0.00	45.31 1.72 0.00	42.06 1.33 0.00	40.05 1.14 0.00	36.75 1.17 0.00	33.91 0.85 0.00
HOLTSVILLE_IC_1 23690	21.50 1.45 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.94 0.79 0.00	22.76 1.10 0.00	26.42 1.36 0.00	28.15 1.60 0.00	26.85 1.64 0.00	44.99 2.26 -14.61	46.76 2.73 -7.40	46.88 2.86 -2.39	49.81 2.81 -5.37	67.07 2.98 -22.81	56.66 3.41 -6.28	58.87 3.43 -8.83	80.09 3.07 -31.52	81.83 2.60 -36.47	65.66 2.38 -19.70	60.51 2.21 -17.57	63.08 2.44 -21.73	61.78 2.34 -23.87	43.93 2.36 -8.50
HOLTSVILLE_IC_10 23699	21.57 1.52 0.00	11.62 0.86 0.00	10.05 0.71 0.00	14.73 0.98 0.00	11.13 0.77 0.00	12.98 0.83 0.00	22.83 1.17 0.00	26.52 1.46 0.00	28.26 1.71 0.00	26.98 1.77 0.00	45.15 2.41 -14.61	46.97 2.94 -7.40	47.14 3.12 -2.39	50.04 3.09 -5.31	66.97 3.28 -22.42	56.84 3.77 -6.10	59.09 3.82 -8.66	80.01 3.45 -31.08	82.18 2.95 -36.47	65.79 2.74 -19.46	60.56 2.51 -17.31	63.04 2.70 -21.43	62.01 2.56 -23.87	44.10 2.54 -8.50
HOLTSVILLE_IC_2 23691	21.50 1.45 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.94 0.79 0.00	22.76 1.10 0.00	26.42 1.36 0.00	28.15 1.60 0.00	26.85 1.64 0.00	44.99 2.26 -14.61	46.76 2.73 -7.40	46.88 2.86 -2.39	49.81 2.81 -5.37	67.07 2.98 -22.81	56.66 3.41 -6.28	58.87 3.43 -8.83	80.09 3.07 -31.52	81.83 2.60 -36.47	65.66 2.38 -19.70	60.51 2.21 -17.57	63.08 2.44 -21.73	61.78 2.34 -23.87	43.93 2.36 -8.50
HOLTSVILLE_IC_3 23692	21.50 1.45 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.94 0.79 0.00	22.76 1.10 0.00	26.42 1.36 0.00	28.15 1.60 0.00	26.85 1.64 0.00	44.99 2.26 -14.61	46.76 2.73 -7.40	46.88 2.86 -2.39	49.81 2.81 -5.37	67.07 2.98 -22.81	56.66 3.41 -6.28	58.87 3.43 -8.83	80.09 3.07 -31.52	81.83 2.60 -36.47	65.66 2.38 -19.70	60.51 2.21 -17.57	63.08 2.44 -21.73	61.78 2.34 -23.87	43.93 2.36 -8.50
HOLTSVILLE_IC_4 23693	21.50 1.45 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.94 0.79 0.00	22.76 1.10 0.00	26.42 1.36 0.00	28.15 1.60 0.00	26.85 1.64 0.00	44.99 2.26 -14.61	46.76 2.73 -7.40	46.88 2.86 -2.39	49.81 2.81 -5.37	67.07 2.98 -22.81	56.66 3.41 -6.28	58.87 3.43 -8.83	80.09 3.07 -31.52	81.83 2.60 -36.47	65.66 2.38 -19.70	60.51 2.21 -17.57	63.08 2.44 -21.73	61.78 2.34 -23.87	43.93 2.36 -8.50
HOLTSVILLE_IC_5 23694	21.50 1.45 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.94 0.79 0.00	22.76 1.10 0.00	26.42 1.36 0.00	28.15 1.60 0.00	26.85 1.64 0.00	44.99 2.26 -14.61	46.76 2.73 -7.40	46.88 2.86 -2.39	49.81 2.81 -5.37	67.07 2.98 -22.81	56.66 3.41 -6.28	58.87 3.43 -8.83	80.09 3.07 -31.52	81.83 2.60 -36.47	65.66 2.38 -19.70	60.51 2.21 -17.57	63.08 2.44 -21.73	61.78 2.34 -23.87	43.93 2.36 -8.50
HOLTSVILLE_IC_6 23695	21.57 1.52 0.00	11.62 0.86 0.00	10.05 0.71 0.00	14.73 0.98 0.00	11.13 0.77 0.00	12.98 0.83 0.00	22.83 1.17 0.00	26.52 1.46 0.00	28.26 1.71 0.00	26.98 1.77 0.00	45.15 2.41 -14.61	46.97 2.94 -7.40	47.14 3.12 -2.39	50.04 3.09 -5.31	66.97 3.28 -22.42	56.84 3.77 -6.10	59.09 3.82 -8.66	80.01 3.45 -31.08	82.18 2.95 -36.47	65.79 2.74 -19.46	60.56 2.51 -17.31	63.04 2.70 -21.43	62.01 2.56 -23.87	44.10 2.54 -8.50
HOLTSVILLE_IC_7 23696	21.57 1.52 0.00	11.62 0.86 0.00	10.05 0.71 0.00	14.73 0.98 0.00	11.13 0.77 0.00	12.98 0.83 0.00	22.83 1.17 0.00	26.52 1.46 0.00	28.26 1.71 0.00	26.98 1.77 0.00	45.15 2.41 -14.61	46.97 2.94 -7.40	47.14 3.12 -2.39	50.04 3.09 -5.31	66.97 3.28 -22.42	56.84 3.77 -6.10	59.09 3.82 -8.66	80.01 3.45 -31.08	82.18 2.95 -36.47	65.79 2.74 -19.46	60.56 2.51 -17.31	63.04 2.70 -21.43	62.01 2.56 -23.87	44.10 2.54 -8.50
HOLTSVILLE_IC_8 23697	21.57 1.52 0.00	11.62 0.86 0.00	10.05 0.71 0.00	14.73 0.98 0.00	11.13 0.77 0.00	12.98 0.83 0.00	22.83 1.17 0.00	26.52 1.46 0.00	28.26 1.71 0.00	26.98 1.77 0.00	45.15 2.41 -14.61	46.97 2.94 -7.40	47.14 3.12 -2.39	50.04 3.09 -5.31	66.97 3.28 -22.42	56.84 3.77 -6.10	59.09 3.82 -8.66	80.01 3.45 -31.08	82.18 2.95 -36.47	65.79 2.74 -19.46	60.56 2.51 -17.31	63.04 2.70 -21.43	62.01 2.56 -23.87	44.10 2.54 -8.50
HOLTSVILLE_IC_9 23698	21.57 1.52 0.00	11.62 0.86 0.00	10.05 0.71 0.00	14.73 0.98 0.00	11.13 0.77 0.00	12.98 0.83 0.00	22.83 1.17 0.00	26.52 1.46 0.00	28.26 1.71 0.00	26.98 1.77 0.00	45.15 2.41 -14.61	46.97 2.94 -7.40	47.14 3.12 -2.39	50.04 3.09 -5.31	66.97 3.28 -22.42	56.84 3.77 -6.10	59.09 3.82 -8.66	80.01 3.45 -31.08	82.18 2.95 -36.47	65.79 2.74 -19.46	60.56 2.51 -17.31	63.04 2.70 -21.43	62.01 2.56 -23.87	44.10 2.54 -8.50
HOMER_HL_115KV_TB2 355744	16.66 -0.56 2.83	9.17 -0.17 1.42	9.31 -0.04 0.00	13.63 -0.13 0.00	10.33 -0.04 0.00	11.94 -0.21 0.00	21.42 -0.23 0.00	25.53 0.46 0.00	27.62 1.07 0.00	26.53 1.32 0.00	29.93 1.79 0.00	38.86 2.23 0.00	43.99 2.36 0.00	43.80 2.16 0.00	43.82 2.54 0.00	49.49 2.53 0.00	48.97 2.36 0.00	46.85 1.36 0.00	43.85 1.10 0.00	45.11 1.52 0.00	41.88 1.15 0.00	39.86 0.95 0.00	36.74 1.16 0.00	34.24 1.18 0.00
HOWARD_WT_PWR 323690	13.28 -1.40 5.38	7.39 -0.68 2.70	8.92 -0.42 0.00	13.11 -0.64 0.00	9.85 -0.52 0.00	11.43 -0.72 0.00	20.69 -0.97 0.00	24.89 -0.17 0.00	27.18 0.63 0.00	26.26 1.05 0.00	29.58 1.45 0.00	38.55 1.92 -0.01	44.10 2.46 -0.01	44.03 2.39 0.00	43.96 2.68 0.00	49.89 2.90 -0.03	49.38 2.77 0.00	47.58 2.09 0.00	43.89 1.13 0.00	45.69 2.11 0.00	42.36 1.62 0.00	40.05 1.14 0.00	36.22 0.64 0.00	33.49 0.42 0.00

HQ_GEN_CEDARS 23644	19.90 -0.15 0.00	10.66 -0.10 0.00	9.28 -0.06 0.00	13.64 -0.11 0.00	10.27 -0.10 0.00	12.05 -0.10 0.00	21.59 -0.07 0.00	24.65 -0.41 0.00	26.06 -0.48 0.00	24.74 -0.47 0.00	27.31 -0.82 0.00	36.06 -0.57 0.00	40.90 -0.73 0.00	40.61 -1.02 0.00	39.87 -1.41 0.00	45.65 -1.31 0.00	45.37 -1.23 0.00	45.01 -0.48 0.00	42.47 -0.29 0.00	43.44 -0.15 0.00	40.07 -0.67 0.00	37.95 -0.95 0.00	34.74 -0.84 0.00	32.39 -0.68 0.00
HQ_GEN_CEDARS_PROXY 323590	19.90 -0.15 0.00	10.64 -0.10 0.03	9.28 -0.06 0.00	13.64 -0.11 0.00	10.27 -0.10 0.00	11.54 -0.10 0.51	21.59 -0.07 0.00	24.65 -0.41 0.00	26.06 -0.48 0.00	24.74 -0.47 0.00	27.31 -0.82 0.00	36.06 -0.57 0.00	40.90 -0.73 0.00	40.61 -1.02 0.00	39.87 -1.41 0.00	45.65 -1.31 0.00	44.01 -1.23 1.36	45.01 -0.48 0.00	42.47 -0.29 0.00	43.44 -0.15 0.00	40.07 -0.67 0.00	37.95 -0.95 0.00	34.74 -0.84 0.00	32.39 -0.68 0.00
HQ_GEN_IMPORT 323601	19.87 -0.18 0.00	10.65 -0.11 0.00	9.25 -0.09 0.00	13.61 -0.14 0.00	10.26 -0.11 0.00	12.03 -0.13 0.00	21.51 -0.16 0.00	24.87 -0.20 0.00	26.75 -0.27 -0.47	24.96 -0.26 0.00	27.69 -0.43 0.00	36.21 -0.42 0.00	41.18 -0.45 0.00	41.09 -0.54 0.00	40.60 -0.68 0.00	46.20 -0.76 0.00	45.82 -0.78 0.00	44.96 -0.53 0.00	42.34 -0.42 0.00	43.17 -0.41 0.00	40.34 -0.40 0.00	38.32 -0.59 0.00	35.08 -0.50 0.00	32.65 -0.42 0.00
HQ_GEN_WHEEL 23651	19.87 -0.18 0.00	10.65 -0.11 0.00	9.25 -0.09 0.00	13.61 -0.14 0.00	10.26 -0.11 0.00	12.03 -0.13 0.00	21.51 -0.16 0.00	24.87 -0.20 0.00	26.75 -0.27 -0.47	24.96 -0.26 0.00	27.69 -0.43 0.00	36.21 -0.42 0.00	41.18 -0.45 0.00	41.09 -0.54 0.00	40.60 -0.68 0.00	46.20 -0.76 0.00	45.82 -0.78 0.00	44.96 -0.53 0.00	42.34 -0.42 0.00	43.17 -0.41 0.00	40.34 -0.40 0.00	38.32 -0.59 0.00	35.08 -0.50 0.00	32.65 -0.42 0.00
HUDSON_AVE_GT_3 23810	21.26 1.21 0.00	11.43 0.66 0.00	9.87 0.53 0.00	14.53 0.78 0.00	10.96 0.59 0.00	12.89 0.74 0.00	22.85 1.19 0.00	26.46 1.39 0.00	28.25 1.70 0.00	26.87 1.66 0.00	30.22 2.09 0.00	39.18 2.55 0.00	44.35 2.70 -0.02	44.35 2.71 0.00	45.81 2.89 -1.63	50.12 3.16 0.00	49.77 3.16 0.00	48.17 2.68 0.00	44.85 2.09 0.00	45.43 1.84 0.00	42.56 1.83 0.00	40.96 2.06 0.00	37.52 1.94 0.00	34.94 1.87 0.00
HUDSON_AVE_GT_4 23540	21.26 1.21 0.00	11.43 0.66 0.00	9.87 0.53 0.00	14.53 0.78 0.00	10.96 0.59 0.00	12.89 0.74 0.00	22.85 1.19 0.00	26.46 1.39 0.00	28.25 1.70 0.00	26.87 1.66 0.00	30.22 2.09 0.00	39.18 2.55 0.00	44.35 2.70 -0.02	44.35 2.71 0.00	45.81 2.89 -1.63	50.12 3.16 0.00	49.77 3.16 0.00	48.17 2.68 0.00	44.85 2.09 0.00	45.43 1.84 0.00	42.56 1.83 0.00	40.96 2.06 0.00	37.52 1.94 0.00	34.94 1.87 0.00
HUDSON_AVE_GT_5 23657	21.26 1.21 0.00	11.43 0.66 0.00	9.87 0.53 0.00	14.53 0.78 0.00	10.96 0.59 0.00	12.89 0.74 0.00	22.85 1.19 0.00	26.46 1.39 0.00	28.25 1.70 0.00	26.87 1.66 0.00	30.22 2.09 0.00	39.18 2.55 0.00	44.35 2.70 -0.02	44.35 2.71 0.00	45.81 2.89 -1.63	50.12 3.16 0.00	49.77 3.16 0.00	48.17 2.68 0.00	44.85 2.09 0.00	45.43 1.84 0.00	42.56 1.83 0.00	40.96 2.06 0.00	37.52 1.94 0.00	34.94 1.87 0.00
HUDSON_AVE_10 24168	21.17 1.12 0.00	11.37 0.61 0.00	9.82 0.48 0.00	14.46 0.70 0.00	10.91 0.54 0.00	12.83 0.67 0.00	22.73 1.07 0.00	26.32 1.25 0.00	28.10 1.55 0.00	26.72 1.51 0.00	30.00 1.88 0.01	38.90 2.28 0.02	44.04 2.39 -0.01	44.01 2.39 0.01	45.46 2.56 -1.62	49.74 2.80 0.01	49.39 2.79 0.01	47.82 2.33 0.01	44.50 1.76 0.01	45.10 1.52 0.00	42.26 1.53 0.01	40.68 1.77 0.00	37.28 1.70 0.00	34.76 1.69 0.00
HUDSON___115KV_TB 4 355613	20.94 0.90 0.00	11.25 0.48 0.00	9.74 0.39 0.00	14.38 0.62 0.00	10.83 0.46 0.00	12.72 0.56 0.00	22.61 0.95 0.00	26.08 1.01 0.00	27.42 0.87 0.00	25.82 0.60 0.00	28.81 0.68 0.00	37.26 0.63 0.00	42.32 0.69 0.01	42.60 0.97 0.00	41.29 0.97 0.95	48.22 1.26 0.00	48.01 1.40 0.00	46.94 1.45 0.00	44.34 1.59 0.00	45.49 1.91 0.00	42.69 1.96 0.00	40.96 2.06 0.00	37.26 1.68 0.00	34.60 1.54 0.00
HUNTER MOUNT___DRP 323613	21.04 0.99 0.00	11.29 0.53 0.00	9.78 0.44 0.00	14.44 0.69 0.00	10.88 0.51 0.00	12.78 0.63 0.00	22.74 1.08 0.00	26.22 1.15 0.00	27.51 0.96 0.00	25.84 0.63 0.00	28.84 0.71 0.00	37.25 0.63 0.00	42.37 0.74 0.01	42.73 1.10 0.00	41.74 1.05 0.58	48.33 1.37 0.00	48.19 1.58 0.00	47.19 1.70 0.00	44.69 1.93 0.00	45.94 2.35 0.00	43.12 2.39 0.00	41.35 2.44 0.00	37.56 1.98 0.00	34.84 1.77 0.00
HUNTINGTON_RES_REC 323705	21.41 1.37 0.00	11.54 0.78 0.00	9.98 0.64 0.00	14.63 0.88 0.00	11.05 0.68 0.00	12.89 0.74 0.00	22.68 1.02 0.00	26.31 1.25 0.00	28.03 1.48 0.00	26.75 1.54 0.00	44.91 2.17 -14.61	46.65 2.62 -7.40	46.78 2.76 -2.39	49.22 2.71 -4.87	63.27 2.85 -19.15	54.82 3.28 -4.57	57.23 3.35 -7.28	75.83 2.97 -27.37	81.71 2.49 -36.47	63.37 2.25 -17.54	57.95 2.06 -15.15	60.03 2.30 -18.82	61.67 2.22 -23.87	43.81 2.24 -8.50
HUNTLEY___63 23557	17.17 -0.91 1.97	9.49 -0.29 0.99	9.23 -0.12 0.00	13.39 -0.36 0.00	10.19 -0.19 0.00	11.74 -0.41 0.00	21.08 -0.58 0.00	25.17 0.11 0.00	27.31 0.76 0.00	26.32 1.11 0.00	29.72 1.59 0.00	38.73 2.10 0.00	44.10 2.46 0.00	44.06 2.43 0.00	43.82 2.53 0.00	49.52 2.56 0.00	48.99 2.39 0.00	47.04 1.55 0.00	44.22 1.46 0.00	45.68 2.09 0.00	42.47 1.73 0.00	40.46 1.56 0.00	37.35 1.77 0.00	34.52 1.45 0.00
HUNTLEY___64 23558	17.17 -0.91 1.97	9.49 -0.29 0.99	9.23 -0.12 0.00	13.39 -0.36 0.00	10.19 -0.19 0.00	11.74 -0.41 0.00	21.08 -0.58 0.00	25.17 0.11 0.00	27.31 0.76 0.00	26.32 1.11 0.00	29.72 1.59 0.00	38.73 2.10 0.00	44.10 2.46 0.00	44.06 2.43 0.00	43.82 2.53 0.00	49.52 2.56 0.00	48.99 2.39 0.00	47.04 1.55 0.00	44.22 1.46 0.00	45.68 2.09 0.00	42.47 1.73 0.00	40.46 1.56 0.00	37.35 1.77 0.00	34.52 1.45 0.00
HUNTLEY___65 23559	17.17 -0.91 1.97	9.49 -0.29 0.99	9.23 -0.12 0.00	13.39 -0.36 0.00	10.19 -0.19 0.00	11.74 -0.41 0.00	21.08 -0.58 0.00	25.17 0.11 0.00	27.31 0.76 0.00	26.32 1.11 0.00	29.72 1.59 0.00	38.73 2.10 0.00	44.10 2.46 0.00	44.06 2.43 0.00	43.82 2.53 0.00	49.52 2.56 0.00	48.99 2.39 0.00	47.04 1.55 0.00	44.22 1.46 0.00	45.68 2.09 0.00	42.47 1.73 0.00	40.46 1.56 0.00	37.35 1.77 0.00	34.52 1.45 0.00
HUNTLEY___66 23560	17.17 -0.91 1.97	9.49 -0.29 0.99	9.23 -0.12 0.00	13.39 -0.36 0.00	10.19 -0.19 0.00	11.74 -0.41 0.00	21.08 -0.58 0.00	25.17 0.11 0.00	27.31 0.76 0.00	26.32 1.11 0.00	29.72 1.59 0.00	38.73 2.10 0.00	44.10 2.46 0.00	44.06 2.43 0.00	43.82 2.53 0.00	49.52 2.56 0.00	48.99 2.39 0.00	47.04 1.55 0.00	44.22 1.46 0.00	45.68 2.09 0.00	42.47 1.73 0.00	40.46 1.56 0.00	37.35 1.77 0.00	34.52 1.45 0.00



HUNTLEY___67 23561	16.92 -1.08 2.06	9.35 -0.38 1.03	9.13 -0.21 0.00	13.26 -0.49 0.00	10.07 -0.29 0.00	11.63 -0.52 0.00	20.85 -0.81 0.00	24.92 -0.15 0.00	27.01 0.46 0.00	26.00 0.79 0.00	29.35 1.22 0.00	38.26 1.63 0.00	43.60 1.97 0.00	43.54 1.91 0.00	43.40 2.12 0.00	49.10 2.14 0.00	48.59 1.99 0.00	46.66 1.17 0.00	43.81 1.05 0.00	45.23 1.65 0.00	42.06 1.33 0.00	40.08 1.17 0.00	36.96 1.37 0.00	34.16 1.09 0.00
HUNTLEY___68 23562	16.92 -1.08 2.06	9.35 -0.38 1.03	9.13 -0.21 0.00	13.26 -0.49 0.00	10.07 -0.29 0.00	11.63 -0.52 0.00	20.85 -0.81 0.00	24.92 -0.15 0.00	27.01 0.46 0.00	26.00 0.79 0.00	29.35 1.22 0.00	38.26 1.63 0.00	43.60 1.97 0.00	43.54 1.91 0.00	43.40 2.12 0.00	49.10 2.14 0.00	48.59 1.99 0.00	46.66 1.17 0.00	43.81 1.05 0.00	45.23 1.65 0.00	42.06 1.33 0.00	40.08 1.17 0.00	36.96 1.37 0.00	34.16 1.09 0.00
HYLAND___LFGE 323620	17.05 -0.08 2.92	9.34 0.04 1.47	9.49 0.15 0.00	13.86 0.11 0.00	10.49 0.12 0.00	12.21 0.06 0.00	22.03 0.37 0.00	26.09 1.03 0.00	27.79 1.24 0.00	26.40 1.19 0.00	29.79 1.66 0.00	38.81 2.18 0.00	44.17 2.54 0.00	43.99 2.35 0.00	43.19 1.91 0.00	49.23 2.27 0.00	49.02 2.42 0.00	48.53 3.04 0.00	45.26 2.51 0.00	46.42 2.83 0.00	43.34 2.61 0.00	41.35 2.45 0.00	37.68 2.10 0.00	34.60 1.53 0.00
INDECK___CORINTH 23802	21.56 1.51 0.00	11.53 0.76 0.00	9.96 0.62 0.00	14.71 0.95 0.00	11.12 0.75 0.00	13.09 0.94 0.00	23.40 1.74 0.00	27.03 1.97 0.00	28.34 1.79 0.00	26.52 1.31 0.00	29.28 1.15 0.00	37.78 1.15 0.00	43.12 1.50 0.02	43.20 1.57 0.00	41.18 1.43 1.53	48.76 1.80 0.00	48.24 1.63 0.00	47.22 1.73 0.00	44.38 1.62 0.00	45.10 1.51 0.00	42.66 1.92 0.00	41.04 2.14 0.00	37.61 2.03 0.00	34.93 1.87 0.00
INDECK___ILION 23567	20.24 0.19 0.00	10.86 0.09 0.00	9.42 0.07 0.00	13.88 0.13 0.00	10.47 0.10 0.00	12.29 0.14 0.00	21.88 0.22 0.00	25.24 0.17 0.00	26.65 0.10 0.00	25.21 0.00 0.00	28.20 0.07 0.00	36.61 -0.03 0.00	41.70 0.07 0.00	41.72 0.09 0.00	41.45 0.17 0.00	47.25 0.29 0.00	46.89 0.29 0.00	45.81 0.32 0.00	43.22 0.46 0.00	44.13 0.54 0.00	41.33 0.59 0.00	39.61 0.70 0.00	36.16 0.58 0.00	33.54 0.47 0.00
INDECK___OLEAN 23982	16.64 -0.57 2.83	9.16 -0.19 1.42	9.31 -0.04 0.00	13.63 -0.13 0.00	10.33 -0.04 0.00	11.94 -0.21 0.00	21.42 -0.24 0.00	25.53 0.46 0.00	27.61 1.07 0.00	26.53 1.32 0.00	29.94 1.81 0.00	38.86 2.23 0.00	44.00 2.37 0.00	43.81 2.18 0.00	43.83 2.55 0.00	49.50 2.54 0.00	48.97 2.36 0.00	46.85 1.36 0.00	43.85 1.09 0.00	45.10 1.52 0.00	41.88 1.15 0.00	39.86 0.95 0.00	36.74 1.16 0.00	34.24 1.18 0.00
INDECK___OSWEGO 23783	19.64 -0.41 0.00	10.56 -0.21 0.00	9.17 -0.17 0.00	13.48 -0.27 0.00	10.18 -0.20 0.00	11.91 -0.24 0.00	21.21 -0.45 0.00	24.61 -0.46 0.00	26.09 -0.46 0.00	24.82 -0.39 0.00	27.77 -0.37 0.00	36.19 -0.51 -0.07	41.19 -0.55 -0.10	40.88 -0.75 0.00	40.52 -0.77 0.00	46.38 -0.87 -0.28	45.84 -0.76 0.00	44.71 -0.78 0.00	42.07 -0.68 0.00	42.97 -0.61 0.00	40.12 -0.62 0.00	38.36 -0.55 0.00	35.17 -0.41 0.00	32.66 -0.41 0.00
INDECK___YERKES 23781	17.17 -0.90 1.97	9.49 -0.28 0.99	9.23 -0.11 0.00	13.40 -0.35 0.00	10.20 -0.18 0.00	11.75 -0.40 0.00	21.10 -0.56 0.00	25.20 0.13 0.00	27.34 0.79 0.00	26.36 1.14 0.00	29.77 1.64 0.00	38.78 2.15 0.00	44.17 2.53 0.00	44.13 2.49 0.00	43.84 2.56 0.00	49.53 2.57 0.00	48.99 2.38 0.00	47.05 1.56 0.00	44.22 1.46 0.00	45.68 2.10 0.00	42.47 1.74 0.00	40.47 1.56 0.00	37.36 1.78 0.00	34.53 1.46 0.00
INDIAN POINT_GT_1 24139	21.06 1.01 0.00	11.31 0.55 0.00	9.77 0.43 0.00	14.39 0.63 0.00	10.85 0.49 0.00	12.75 0.60 0.00	22.61 0.95 0.00	26.17 1.11 0.00	27.88 1.33 0.00	26.49 1.28 0.00	29.77 1.64 0.00	38.61 1.98 0.00	43.74 2.08 -0.02	43.73 2.10 0.00	45.13 2.25 -1.60	49.48 2.52 0.00	49.17 2.56 0.00	47.67 2.18 0.00	44.44 1.69 0.00	45.08 1.50 0.00	42.17 1.43 0.00	40.54 1.64 0.00	37.09 1.51 0.00	34.54 1.47 0.00
INDIAN POINT_GT_2 23659	21.06 1.01 0.00	11.31 0.55 0.00	9.77 0.43 0.00	14.39 0.63 0.00	10.85 0.49 0.00	12.75 0.60 0.00	22.61 0.95 0.00	26.17 1.11 0.00	27.88 1.33 0.00	26.49 1.28 0.00	29.77 1.64 0.00	38.61 1.98 0.00	43.74 2.08 -0.02	43.73 2.10 0.00	45.13 2.25 -1.60	49.48 2.52 0.00	49.17 2.56 0.00	47.67 2.18 0.00	44.44 1.69 0.00	45.08 1.50 0.00	42.17 1.43 0.00	40.54 1.64 0.00	37.09 1.51 0.00	34.54 1.47 0.00
INDIAN POINT_GT_3 24019	21.06 1.01 0.00	11.31 0.55 0.00	9.77 0.43 0.00	14.39 0.63 0.00	10.85 0.49 0.00	12.75 0.60 0.00	22.61 0.95 0.00	26.17 1.11 0.00	27.88 1.33 0.00	26.49 1.28 0.00	29.77 1.64 0.00	38.61 1.98 0.00	43.74 2.08 -0.02	43.73 2.10 0.00	45.13 2.25 -1.60	49.48 2.52 0.00	49.17 2.56 0.00	47.67 2.18 0.00	44.44 1.69 0.00	45.08 1.50 0.00	42.17 1.43 0.00	40.54 1.64 0.00	37.09 1.51 0.00	34.54 1.47 0.00
INDIAN POINT___2 23530	21.03 0.98 0.00	11.30 0.53 0.00	9.76 0.42 0.00	14.37 0.61 0.00	10.84 0.47 0.00	12.74 0.58 0.00	22.58 0.92 0.00	26.13 1.06 0.00	27.85 1.30 0.00	26.45 1.24 0.00	29.74 1.61 0.00	38.57 1.94 0.00	43.70 2.04 -0.02	43.68 2.04 0.00	45.02 2.21 -1.54	49.42 2.46 0.00	49.12 2.52 0.00	47.61 2.13 0.00	44.38 1.62 0.00	45.03 1.44 0.00	42.10 1.36 0.00	40.47 1.57 0.00	37.02 1.44 0.00	34.49 1.42 0.00
INDIAN POINT___3 23531	21.04 0.99 0.00	11.30 0.53 0.00	9.76 0.42 0.00	14.38 0.62 0.00	10.84 0.47 0.00	12.74 0.59 0.00	22.59 0.93 0.00	26.14 1.08 0.00	27.85 1.30 0.00	26.45 1.24 0.00	29.73 1.60 0.00	38.56 1.93 0.00	43.67 2.01 -0.02	43.64 2.01 0.00	45.04 2.16 -1.60	49.36 2.40 0.00	49.06 2.46 0.00	47.56 2.07 0.00	44.33 1.58 0.00	44.98 1.40 0.00	42.07 1.34 0.00	40.44 1.54 0.00	37.01 1.43 0.00	34.48 1.41 0.00
INGHAM_C_115KV_TB7 356103	20.35 0.30 0.00	10.91 0.15 0.00	9.47 0.12 0.00	13.97 0.22 0.00	10.51 0.14 0.00	12.35 0.20 0.00	22.01 0.35 0.00	25.28 0.21 0.00	26.59 0.04 0.00	25.02 -0.19 0.00	27.95 -0.18 0.00	36.20 -0.43 0.00	41.34 -0.29 0.00	41.37 -0.27 0.00	41.11 -0.17 0.00	46.98 0.02 0.00	46.62 0.01 0.00	45.63 0.14 0.00	43.31 0.56 0.00	44.30 0.72 0.00	41.58 0.84 0.00	39.97 1.07 0.00	36.50 0.91 0.00	33.79 0.72 0.00
IP CORINTH___1 23988	21.56 1.51 0.00	11.53 0.76 0.00	9.96 0.62 0.00	14.71 0.95 0.00	11.12 0.75 0.00	13.09 0.94 0.00	23.40 1.74 0.00	27.03 1.97 0.00	28.37 1.82 0.00	26.58 1.37 0.00	29.42 1.29 0.00	37.98 1.36 0.00	43.38 1.77 0.02	43.46 1.83 0.00	41.43 1.68 1.53	49.06 2.10 0.00	48.53 1.92 0.00	47.50 2.01 0.00	44.63 1.88 0.00	45.36 1.78 0.00	42.91 2.17 0.00	41.28 2.37 0.00	37.83 2.25 0.00	35.13 2.06 0.00

IP___TICONDEROGA 23804	22.59 2.54 0.00	11.98 1.22 0.00	10.27 0.93 0.00	15.24 1.48 0.00	11.58 1.22 0.00	13.73 1.58 0.00	24.69 3.03 0.00	28.36 3.29 0.00	29.65 3.11 0.00	27.66 2.45 0.00	30.71 2.58 0.00	39.30 2.67 0.00	45.14 3.52 0.02	45.13 3.50 0.00	43.08 3.37 1.57	51.10 4.14 0.00	50.92 4.31 0.00	49.79 4.30 0.00	46.74 3.98 0.00	47.85 4.26 0.00	45.56 4.83 0.00	44.28 5.38 0.00	40.39 4.81 0.00	37.64 4.57 0.00
ISLIP_RES_REC 323679	21.63 1.58 0.00	11.65 0.89 0.00	10.08 0.74 0.00	14.77 1.02 0.00	11.17 0.80 0.00	13.02 0.87 0.00	22.92 1.26 0.00	26.63 1.57 0.00	28.40 1.85 0.00	27.13 1.92 0.00	45.31 2.58 -14.61	47.20 3.17 -7.40	47.42 3.40 -2.39	50.33 3.38 -5.32	67.34 3.60 -22.46	57.23 4.15 -6.12	59.47 4.19 -8.68	80.40 3.80 -31.12	82.51 3.29 -36.47	66.13 3.06 -19.48	60.87 2.80 -17.33	63.33 2.96 -21.46	62.22 2.77 -23.87	44.28 2.72 -8.50
JAMAICA__27_KV_LOAD 355505	21.31 1.26 0.00	11.43 0.67 0.00	9.87 0.53 0.00	14.53 0.77 0.00	10.95 0.58 0.00	12.89 0.74 0.00	22.87 1.21 0.00	26.44 1.38 0.00	28.24 1.69 0.00	26.84 1.63 0.00	30.04 1.91 0.01	38.92 2.30 0.02	44.06 2.41 -0.01	44.04 2.42 0.01	45.50 2.60 -1.62	49.77 2.83 0.01	49.42 2.83 0.01	47.89 2.41 0.01	44.59 1.84 0.01	45.21 1.63 0.00	42.39 1.66 0.01	40.86 1.95 0.00	37.49 1.91 0.00	35.05 1.98 0.00
JANIS___SOLAR 323808	25.31 0.38 -4.88	13.38 0.17 -2.45	9.53 0.19 0.00	14.00 0.25 0.00	10.58 0.21 0.00	12.43 0.27 0.00	22.24 0.58 0.00	25.61 0.55 0.00	27.36 0.82 0.00	26.09 0.88 0.00	29.10 0.96 0.00	37.88 1.24 -0.01	43.19 1.53 -0.02	43.34 1.71 0.00	43.17 1.89 0.00	49.43 2.42 -0.05	49.20 2.59 0.00	48.35 2.86 0.00	45.85 3.10 0.00	47.12 3.54 0.00	43.89 3.16 0.00	41.88 2.97 0.00	38.19 2.61 0.00	35.15 2.08 0.00
JARVIS____ 23743	20.14 0.09 0.00	10.81 0.05 0.00	9.38 0.04 0.00	13.82 0.07 0.00	10.42 0.05 0.00	12.21 0.06 0.00	21.75 0.09 0.00	25.17 0.10 0.00	26.66 0.11 0.00	25.30 0.09 0.00	28.27 0.14 0.00	36.75 0.12 0.00	41.77 0.13 0.00	41.80 0.17 0.00	41.49 0.21 0.00	47.19 0.24 0.00	46.84 0.24 0.00	45.67 0.18 0.00	42.93 0.17 0.00	43.77 0.18 0.00	40.94 0.21 0.00	39.17 0.27 0.00	35.79 0.21 0.00	33.24 0.17 0.00
JENNISON___1 23625	21.66 0.23 -1.38	11.49 0.03 -0.69	9.43 0.09 0.00	13.89 0.13 0.00	10.47 0.10 0.00	12.34 0.19 0.00	22.14 0.48 0.00	26.25 1.19 0.00	27.88 1.33 0.00	26.46 1.25 0.00	29.57 1.44 0.00	38.48 1.83 -0.01	43.93 2.28 -0.02	44.03 2.40 0.00	43.82 2.54 0.00	50.06 3.06 -0.04	49.78 3.17 0.00	48.50 3.01 0.00	45.74 2.99 0.00	46.71 3.12 0.00	43.32 2.59 0.00	41.52 2.61 0.00	38.13 2.55 0.00	35.03 1.96 0.00
JENNISON___2 23626	21.66 0.23 -1.38	11.49 0.03 -0.69	9.43 0.09 0.00	13.89 0.13 0.00	10.47 0.10 0.00	12.34 0.19 0.00	22.14 0.48 0.00	26.25 1.19 0.00	27.88 1.33 0.00	26.46 1.25 0.00	29.57 1.44 0.00	38.48 1.83 -0.01	43.93 2.28 -0.02	44.03 2.40 0.00	43.82 2.54 0.00	50.06 3.06 -0.04	49.78 3.17 0.00	48.50 3.01 0.00	45.74 2.99 0.00	46.71 3.12 0.00	43.32 2.59 0.00	41.52 2.61 0.00	38.13 2.55 0.00	35.03 1.96 0.00
JERICHO_RISE_WT_PWR 323719	19.75 -0.30 0.00	10.53 -0.23 0.00	9.13 -0.21 0.00	13.40 -0.35 0.00	10.12 -0.25 0.00	11.86 -0.29 0.00	21.33 -0.33 0.00	24.59 -0.48 0.00	26.09 -0.46 0.00	24.70 -0.51 0.00	27.62 -0.51 0.00	36.31 -0.32 0.00	41.46 -0.17 0.00	41.18 -0.45 0.00	40.57 -0.71 0.00	46.18 -0.78 0.00	46.09 -0.52 0.00	45.63 0.15 0.00	43.18 0.42 0.00	44.03 0.44 0.00	40.60 -0.13 0.00	37.90 -1.01 0.00	34.65 -0.93 0.00	32.53 -0.53 0.00
KATONAH___115KV_46KV_TB4 355592	21.18 1.13 0.00	11.37 0.61 0.00	9.83 0.48 0.00	14.46 0.71 0.00	10.91 0.54 0.00	12.83 0.68 0.00	22.78 1.12 0.00	26.35 1.28 0.00	28.07 1.53 0.00	26.67 1.46 0.00	29.99 1.86 0.00	38.89 2.26 0.00	44.07 2.41 -0.02	44.12 2.48 0.00	45.56 2.66 -1.62	49.98 3.02 0.00	49.67 3.06 0.00	48.15 2.66 0.00	44.92 2.16 0.00	45.55 1.96 0.00	42.58 1.84 0.00	40.93 2.02 0.00	37.41 1.83 0.00	34.79 1.72 0.00
KCE_NY_1 323755	21.22 1.17 0.00	11.37 0.61 0.00	9.85 0.50 0.00	14.52 0.77 0.00	10.98 0.61 0.00	12.90 0.75 0.00	23.00 1.34 0.00	26.55 1.49 0.00	27.97 1.42 0.00	26.36 1.15 0.00	29.37 1.24 0.00	38.05 1.42 0.00	43.44 1.82 0.02	43.48 1.85 0.00	41.43 1.76 1.62	49.02 2.07 0.00	48.73 2.12 0.00	47.56 2.07 0.00	44.72 1.96 0.00	45.54 1.96 0.00	42.78 2.05 0.00	41.10 2.20 0.00	37.53 1.95 0.00	34.92 1.85 0.00
KCE_NY_6_ESR 323823	16.95 -0.88 2.22	9.37 -0.29 1.12	9.22 -0.12 0.00	13.39 -0.37 0.00	10.17 -0.20 0.00	11.75 -0.40 0.00	21.11 -0.55 0.00	25.27 0.20 0.00	27.40 0.84 0.00	26.40 1.19 0.00	29.81 1.68 0.00	38.86 2.23 0.00	44.36 2.72 0.00	44.34 2.71 0.00	44.23 2.95 0.00	50.04 3.08 0.00	49.57 2.96 0.00	47.57 2.09 0.00	44.65 1.89 0.00	46.06 2.47 0.00	42.78 2.05 0.00	40.76 1.85 0.00	37.52 1.95 0.00	34.62 1.55 0.00
KEDC_PORT_JEFF_GT2 24210	21.52 1.47 0.00	11.60 0.83 0.00	10.03 0.69 0.00	14.70 0.95 0.00	11.11 0.74 0.00	12.95 0.80 0.00	22.78 1.12 0.00	26.45 1.38 0.00	28.18 1.63 0.00	26.89 1.68 0.00	45.08 2.34 -14.61	46.88 2.85 -7.40	47.04 3.02 -2.39	49.88 2.96 -5.29	66.62 3.11 -22.23	56.57 3.60 -6.01	58.76 3.58 -8.58	79.43 3.08 -30.86	81.87 2.64 -36.47	65.47 2.53 -19.35	60.26 2.34 -17.18	62.69 2.52 -21.27	61.88 2.43 -23.87	44.03 2.46 -8.50
KEDC_PORT_JEFF_GT3 24211	21.52 1.47 0.00	11.60 0.83 0.00	10.03 0.69 0.00	14.70 0.95 0.00	11.11 0.74 0.00	12.95 0.80 0.00	22.78 1.12 0.00	26.45 1.38 0.00	28.18 1.63 0.00	26.89 1.68 0.00	45.08 2.34 -14.61	46.88 2.85 -7.40	47.04 3.02 -2.39	49.88 2.96 -5.29	66.62 3.11 -22.23	56.57 3.60 -6.01	58.76 3.58 -8.58	79.43 3.08 -30.86	81.87 2.64 -36.47	65.47 2.53 -19.35	60.26 2.34 -17.18	62.69 2.52 -21.27	61.88 2.43 -23.87	44.03 2.46 -8.50
KEDC_GLWD_GT4 24219	21.38 1.33 0.00	11.50 0.73 0.00	9.94 0.59 0.00	14.60 0.85 0.00	11.02 0.65 0.00	12.92 0.76 0.00	22.84 1.18 0.00	26.49 1.43 0.00	28.25 1.70 0.00	26.91 1.70 0.00	44.98 2.25 -14.61	46.80 2.77 -7.40	46.99 2.97 -2.39	50.16 2.99 -5.54	68.49 3.08 -24.12	57.20 3.34 -6.89	59.26 3.28 -9.38	81.32 2.83 -33.00	81.49 2.27 -36.47	66.22 2.17 -20.47	61.38 2.22 -18.43	63.97 2.30 -22.77	61.78 2.33 -23.87	43.93 2.37 -8.50
KEDC_GLWD_GT5 24220	21.38 1.33 0.00	11.50 0.73 0.00	9.94 0.59 0.00	14.60 0.85 0.00	11.02 0.65 0.00	12.92 0.76 0.00	22.84 1.18 0.00	26.49 1.43 0.00	28.25 1.70 0.00	26.91 1.70 0.00	44.98 2.25 -14.61	46.80 2.77 -7.40	46.99 2.97 -2.39	50.16 2.99 -5.54	68.49 3.08 -24.12	57.20 3.34 -6.89	59.26 3.28 -9.38	81.32 2.83 -33.00	81.49 2.27 -36.47	66.22 2.17 -20.47	61.38 2.22 -18.43	63.97 2.30 -22.77	61.78 2.33 -23.87	43.93 2.37 -8.50

KENSICO____ 23655	21.12 1.07 0.00	11.34 0.58 0.00	9.80 0.46 0.00	14.43 0.68 0.00	10.88 0.52 0.00	12.80 0.64 0.00	22.69 1.03 0.00	26.25 1.19 0.00	27.98 1.43 0.00	26.58 1.37 0.00	29.88 1.75 0.00	38.74 2.11 0.00	43.88 2.22 -0.02	43.87 2.23 0.00	45.30 2.39 -1.63	49.62 2.66 0.00	49.30 2.70 0.00	47.78 2.29 0.00	44.54 1.78 0.00	45.17 1.59 0.00	42.27 1.54 0.00	40.65 1.75 0.00	37.20 1.62 0.00	34.64 1.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.05 0.99 0.00	11.29 0.53 0.00	9.76 0.42 0.00	14.36 0.61 0.00	10.83 0.46 0.00	12.73 0.57 0.00	22.63 0.97 0.00	26.21 1.14 0.00	27.87 1.33 0.00	26.28 1.07 0.00	29.47 1.34 0.00	38.25 1.62 0.00	43.28 1.63 -0.01	43.35 1.72 0.00	44.16 1.99 -0.90	49.38 2.43 0.00	49.18 2.57 0.00	47.90 2.41 0.00	44.77 2.02 0.00	45.47 1.89 0.00	42.51 1.78 0.00	41.07 2.16 0.00	37.47 1.89 0.00	34.78 1.71 0.00
KIAC_JFK_GT1 23816	21.19 1.14 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.45 0.69 0.00	10.90 0.53 0.00	12.82 0.67 0.00	22.74 1.08 0.00	26.28 1.21 0.00	28.06 1.51 0.00	26.67 1.46 0.00	29.85 1.73 0.01	38.64 2.02 0.02	43.62 1.98 -0.01	43.59 1.97 0.01	45.05 2.15 -1.62	49.25 2.31 0.01	48.91 2.31 0.01	47.38 1.90 0.01	44.10 1.35 0.01	44.72 1.13 0.00	41.93 1.20 0.01	40.42 1.51 0.00	37.09 1.51 0.00	34.68 1.61 0.00
KIAC_JFK_GT2 23817	21.19 1.14 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.45 0.69 0.00	10.90 0.53 0.00	12.82 0.67 0.00	22.74 1.08 0.00	26.28 1.21 0.00	28.06 1.51 0.00	26.67 1.46 0.00	29.85 1.73 0.01	38.64 2.02 0.02	43.62 1.98 -0.01	43.59 1.97 0.01	45.05 2.15 -1.62	49.25 2.31 0.01	48.91 2.31 0.01	47.38 1.90 0.01	44.10 1.35 0.01	44.72 1.13 0.00	41.93 1.20 0.01	40.42 1.51 0.00	37.09 1.51 0.00	34.68 1.61 0.00
KIAC_JFK____ 323774	21.19 1.15 0.00	11.37 0.60 0.00	9.82 0.48 0.00	14.45 0.69 0.00	10.90 0.53 0.00	12.82 0.67 0.00	22.74 1.08 0.00	26.28 1.21 0.00	28.06 1.51 0.00	26.67 1.46 0.00	29.85 1.73 0.01	38.64 2.02 0.02	43.62 1.97 -0.01	43.59 1.97 0.01	45.05 2.15 -1.62	49.26 2.31 0.01	48.91 2.31 0.01	47.38 1.90 0.01	44.10 1.36 0.01	44.72 1.13 0.00	41.92 1.20 0.01	40.42 1.51 0.00	37.09 1.51 0.00	34.68 1.61 0.00
KINTIGH____ 23543	17.51 -1.01 1.53	9.62 -0.38 0.77	9.12 -0.22 0.00	13.28 -0.48 0.00	10.08 -0.29 0.00	11.66 -0.50 0.00	20.87 -0.79 0.00	24.80 -0.27 0.00	26.76 0.21 0.00	25.70 0.49 0.00	28.98 0.85 0.00	37.78 1.15 0.00	43.03 1.39 0.00	42.96 1.33 0.00	42.81 1.53 0.00	48.51 1.55 0.00	48.03 1.42 0.00	46.23 0.74 0.00	43.41 0.66 0.00	44.71 1.12 0.00	41.59 0.86 0.00	39.65 0.74 0.00	36.54 0.96 0.00	33.79 0.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.12 0.07 0.00	10.71 -0.05 0.00	9.27 -0.08 0.00	13.61 -0.14 0.00	10.28 -0.08 0.00	12.05 -0.10 0.00	21.70 0.04 0.00	25.02 -0.05 0.00	26.60 0.05 0.00	25.08 -0.13 0.00	28.28 0.15 0.00	37.06 0.43 0.00	42.34 0.70 0.00	42.00 0.36 0.00	41.46 0.18 0.00	47.27 0.31 0.00	47.34 0.74 0.00	46.98 1.49 0.00	44.52 1.77 0.00	45.63 2.05 0.00	42.05 1.31 0.00	38.88 -0.03 0.00	35.39 -0.19 0.00	33.35 0.28 0.00
LACHUTE____HYDRO 323717	22.59 2.54 0.00	11.98 1.22 0.00	10.27 0.93 0.00	15.24 1.48 0.00	11.58 1.22 0.00	13.73 1.58 0.00	24.69 3.03 0.00	28.36 3.29 0.00	29.65 3.11 0.00	27.66 2.45 0.00	30.71 2.58 0.00	39.30 2.67 0.00	45.14 3.52 0.02	45.14 3.50 0.00	43.08 3.37 1.57	51.10 4.14 0.00	50.92 4.32 0.00	49.79 4.30 0.00	46.74 3.98 0.00	47.85 4.26 0.00	45.56 4.83 0.00	44.28 5.38 0.00	40.39 4.81 0.00	37.64 4.58 0.00
LAWRNCALV_115KV_TB1 80681	19.83 -0.22 0.00	10.61 -0.16 0.00	9.24 -0.11 0.00	13.57 -0.19 0.00	10.20 -0.17 0.00	12.00 -0.16 0.00	21.55 -0.11 0.00	24.67 -0.40 0.00	26.14 -0.41 0.00	24.80 -0.41 0.00	27.24 -0.89 0.00	36.02 -0.62 0.00	40.83 -0.82 -0.01	40.27 -1.36 0.00	39.50 -1.78 0.00	45.26 -1.72 -0.02	44.97 -1.64 0.00	44.69 -0.80 0.00	42.27 -0.48 0.00	43.28 -0.31 0.00	40.06 -0.67 0.00	38.01 -0.90 0.00	34.81 -0.77 0.00	32.50 -0.57 0.00
LEDERLE____ 23769	21.14 1.09 0.00	11.35 0.58 0.00	9.81 0.46 0.00	14.44 0.68 0.00	10.89 0.52 0.00	12.79 0.64 0.00	22.69 1.03 0.00	26.28 1.21 0.00	28.03 1.48 0.00	26.63 1.42 0.00	29.95 1.82 0.00	38.88 2.25 0.00	44.07 2.42 -0.02	44.04 2.41 0.00	45.36 2.59 -1.48	49.89 2.94 0.00	49.62 3.01 0.00	48.09 2.59 0.00	44.80 2.04 0.00	45.43 1.84 0.00	42.43 1.70 0.00	40.76 1.85 0.00	37.26 1.68 0.00	34.70 1.63 0.00
LIGHTHSE_115KV_TB6 355974	19.77 -0.28 0.00	10.62 -0.15 0.00	9.20 -0.14 0.00	13.51 -0.24 0.00	10.20 -0.18 0.00	11.96 -0.19 0.00	21.42 -0.24 0.00	25.03 -0.04 0.00	26.60 0.05 0.00	25.31 0.10 0.00	28.13 0.00 0.00	36.68 0.02 -0.04	41.80 0.11 -0.06	41.46 -0.17 0.00	41.08 -0.20 0.00	46.99 -0.12 -0.15	46.68 0.08 0.00	45.84 0.35 0.00	43.33 0.58 0.00	44.45 0.86 0.00	41.54 0.81 0.00	39.74 0.83 0.00	36.01 0.43 0.00	33.15 0.08 0.00
LINDEN COGEN____ 23786	21.16 1.11 0.00	11.37 0.60 0.00	9.83 0.48 0.00	14.46 0.71 0.00	10.91 0.54 0.00	12.83 0.68 0.00	22.71 1.04 0.00	26.28 1.21 0.00	28.05 1.50 0.00	26.66 1.46 0.00	29.98 1.85 0.00	38.87 2.24 0.00	43.96 2.30 -0.02	43.89 2.26 0.00	45.36 2.45 -1.63	49.58 2.63 0.00	49.26 2.65 0.00	47.68 2.19 0.00	43.92 1.63 0.46	44.75 1.35 0.19	41.82 1.43 0.34	40.57 1.67 0.00	37.16 1.58 0.00	34.62 1.56 0.00
LINDHRST_69_KV_BK1 356055	21.63 1.59 0.00	11.65 0.89 0.00	10.07 0.73 0.00	14.77 1.02 0.00	11.15 0.78 0.00	13.03 0.87 0.00	22.96 1.30 0.00	26.67 1.60 0.00	28.45 1.90 0.00	27.13 1.92 0.00	45.27 2.53 -14.61	47.12 3.09 -7.40	47.34 3.31 -2.39	50.40 3.31 -5.46	68.26 3.50 -23.48	57.50 3.95 -6.60	59.68 3.96 -9.11	81.39 3.62 -32.28	82.29 3.06 -36.47	66.51 2.84 -20.08	61.37 2.62 -18.01	64.08 2.92 -22.26	62.19 2.75 -23.87	44.23 2.67 -8.49
LIPA_MISC_IPP 23656	21.50 1.45 0.00	11.58 0.82 0.00	10.02 0.68 0.00	14.68 0.93 0.00	11.11 0.74 0.00	12.94 0.79 0.00	22.77 1.11 0.00	26.44 1.38 0.00	28.17 1.62 0.00	26.88 1.67 0.00	45.02 2.29 -14.61	46.80 2.77 -7.40	46.95 2.93 -2.39	49.88 2.90 -5.36	67.12 3.09 -22.75	56.80 3.59 -6.25	59.05 3.65 -8.80	80.26 3.33 -31.45	82.09 2.86 -36.47	65.88 2.64 -19.66	60.67 2.41 -17.53	63.22 2.63 -21.68	61.92 2.47 -23.87	44.01 2.45 -8.49
LISF____SOLAR 323691	21.54 1.49 0.00	11.60 0.84 0.00	10.04 0.69 0.00	14.71 0.95 0.00	11.13 0.76 0.00	12.96 0.81 0.00	22.81 1.15 0.00	26.49 1.42 0.00	28.21 1.66 0.00	26.91 1.70 0.00	45.05 2.31 -14.61	46.84 2.81 -7.40	46.98 2.95 -2.39	49.91 2.93 -5.35	67.09 3.14 -22.67	56.82 3.64 -6.22	59.12 3.75 -8.77	80.29 3.44 -31.36	82.21 2.99 -36.47	65.96 2.76 -19.61	60.76 2.54 -17.48	63.26 2.73 -21.63	62.01 2.56 -23.87	44.09 2.53 -8.50

LITTLE FALLS___HYD 24013	20.35 0.30 0.00	10.91 0.15 0.00	9.47 0.12 0.00	13.97 0.22 0.00	10.51 0.14 0.00	12.35 0.20 0.00	22.01 0.35 0.00	25.28 0.21 0.00	26.59 0.04 0.00	25.02 -0.19 0.00	27.95 -0.18 0.00	36.20 -0.43 0.00	41.34 -0.29 0.00	41.37 -0.27 0.00	41.11 -0.17 0.00	46.98 0.02 0.00	46.62 0.01 0.00	45.63 0.14 0.00	43.31 0.56 0.00	44.30 0.72 0.00	41.58 0.84 0.00	39.97 1.07 0.00	36.50 0.91 0.00	33.79 0.72 0.00
LITTLRIV_115KV_TB1 356100	20.06 0.01 0.00	10.73 -0.03 0.00	9.35 0.00 0.00	13.73 -0.02 0.00	10.32 -0.04 0.00	12.15 0.00 0.00	21.85 0.19 0.00	25.06 -0.01 0.00	26.55 0.00 0.00	25.17 -0.04 0.00	27.45 -0.69 0.00	36.23 -0.40 0.00	41.12 -0.53 -0.01	40.56 -1.07 0.00	39.79 -1.49 0.00	45.59 -1.39 -0.02	45.27 -1.34 0.00	45.03 -0.46 0.00	42.69 -0.07 0.00	43.92 0.33 0.00	40.84 0.11 0.00	38.73 -0.18 0.00	35.43 -0.15 0.00	33.02 -0.05 0.00
LI_NEWBRDGE___DRP 323616	21.34 1.29 0.00	11.49 0.73 0.00	9.94 0.59 0.00	14.58 0.82 0.00	11.01 0.64 0.00	12.86 0.71 0.00	22.68 1.02 0.00	26.31 1.24 0.00	28.03 1.48 0.00	26.73 1.52 0.00	44.82 2.08 -14.61	46.53 2.50 -7.40	46.66 2.64 -2.39	49.79 2.61 -5.54	68.15 2.75 -24.12	56.92 3.07 -6.89	59.08 3.10 -9.38	81.20 2.71 -33.00	81.42 2.19 -36.47	66.04 1.99 -20.47	61.04 1.87 -18.43	63.82 2.15 -22.77	61.47 2.02 -23.87	43.52 1.96 -8.49
LOCKPORT_115KV_TB60_63_64 80432	17.22 -1.02 1.82	9.51 -0.34 0.91	9.17 -0.17 0.00	13.29 -0.47 0.00	10.11 -0.26 0.00	11.65 -0.50 0.00	20.89 -0.77 0.00	25.00 -0.07 0.00	27.09 0.53 0.00	26.07 0.86 0.00	29.41 1.28 0.00	38.36 1.73 0.00	43.72 2.08 0.00	43.69 2.05 0.00	43.55 2.27 0.00	49.30 2.34 0.00	48.81 2.20 0.00	46.91 1.43 0.00	44.06 1.30 0.00	45.50 1.91 0.00	42.34 1.60 0.00	40.35 1.44 0.00	37.22 1.64 0.00	34.38 1.31 0.00
LOCKPORT___CC1 323769	17.14 -1.07 1.85	9.48 -0.36 0.93	9.15 -0.19 0.00	13.27 -0.49 0.00	10.09 -0.27 0.00	11.64 -0.52 0.00	20.86 -0.80 0.00	24.96 -0.11 0.00	27.04 0.49 0.00	26.03 0.82 0.00	29.38 1.25 0.00	38.30 1.67 0.00	43.68 2.04 0.00	43.64 2.01 0.00	43.47 2.19 0.00	49.20 2.24 0.00	48.70 2.10 0.00	46.80 1.31 0.00	43.94 1.19 0.00	45.40 1.81 0.00	42.24 1.50 0.00	40.25 1.35 0.00	37.13 1.55 0.00	34.31 1.25 0.00
LOCKPORT___CC2 323770	17.14 -1.07 1.85	9.48 -0.36 0.93	9.15 -0.19 0.00	13.27 -0.49 0.00	10.09 -0.27 0.00	11.64 -0.52 0.00	20.86 -0.80 0.00	24.96 -0.11 0.00	27.04 0.49 0.00	26.03 0.82 0.00	29.38 1.25 0.00	38.30 1.67 0.00	43.68 2.04 0.00	43.64 2.01 0.00	43.47 2.19 0.00	49.20 2.24 0.00	48.70 2.10 0.00	46.80 1.31 0.00	43.94 1.19 0.00	45.40 1.81 0.00	42.24 1.50 0.00	40.25 1.35 0.00	37.13 1.55 0.00	34.31 1.25 0.00
LOCKPORT___CC3 323771	17.14 -1.07 1.85	9.48 -0.36 0.93	9.15 -0.19 0.00	13.27 -0.49 0.00	10.09 -0.27 0.00	11.64 -0.52 0.00	20.86 -0.80 0.00	24.96 -0.11 0.00	27.04 0.49 0.00	26.03 0.82 0.00	29.38 1.25 0.00	38.30 1.67 0.00	43.68 2.04 0.00	43.64 2.01 0.00	43.47 2.19 0.00	49.20 2.24 0.00	48.70 2.10 0.00	46.80 1.31 0.00	43.94 1.19 0.00	45.40 1.81 0.00	42.24 1.50 0.00	40.25 1.35 0.00	37.13 1.55 0.00	34.31 1.25 0.00
LONG_LAKE_PHOENIX 24014	19.73 -0.32 0.00	10.61 -0.16 0.00	9.22 -0.13 0.00	13.55 -0.21 0.00	10.22 -0.15 0.00	11.96 -0.19 0.00	21.32 -0.34 0.00	24.73 -0.34 0.00	26.23 -0.32 0.00	24.96 -0.26 0.00	27.97 -0.16 0.00	36.45 -0.24 -0.06	41.55 -0.16 -0.08	41.46 -0.18 0.00	41.19 -0.10 0.00	47.09 -0.09 -0.21	46.63 0.02 0.00	45.42 -0.06 0.00	42.73 -0.02 0.00	43.64 0.05 0.00	40.71 -0.03 0.00	38.89 -0.02 0.00	35.51 -0.07 0.00	32.91 -0.16 0.00
LOVETT___3 23632	21.02 0.97 0.00	11.28 0.52 0.00	9.75 0.41 0.00	14.36 0.61 0.00	10.83 0.46 0.00	12.72 0.57 0.00	22.56 0.90 0.00	26.10 1.04 0.00	27.83 1.28 0.00	26.43 1.22 0.00	29.71 1.58 0.00	38.54 1.91 0.00	43.63 1.98 -0.02	43.57 1.93 0.00	44.86 2.08 -1.50	49.28 2.33 0.00	48.98 2.37 0.00	47.48 1.99 0.00	44.25 1.49 0.00	44.88 1.30 0.00	41.94 1.21 0.00	40.32 1.42 0.00	36.89 1.31 0.00	34.40 1.33 0.00
LOVETT___4 23642	21.02 0.97 0.00	11.28 0.52 0.00	9.75 0.41 0.00	14.36 0.61 0.00	10.83 0.46 0.00	12.72 0.57 0.00	22.56 0.90 0.00	26.10 1.04 0.00	27.83 1.28 0.00	26.43 1.22 0.00	29.71 1.58 0.00	38.54 1.91 0.00	43.63 1.98 -0.02	43.57 1.93 0.00	44.86 2.08 -1.50	49.28 2.33 0.00	48.98 2.37 0.00	47.48 1.99 0.00	44.25 1.49 0.00	44.88 1.30 0.00	41.94 1.21 0.00	40.32 1.42 0.00	36.89 1.31 0.00	34.40 1.33 0.00
LOVETT___5 23593	21.02 0.97 0.00	11.28 0.52 0.00	9.75 0.41 0.00	14.36 0.61 0.00	10.83 0.46 0.00	12.72 0.57 0.00	22.56 0.90 0.00	26.10 1.04 0.00	27.83 1.28 0.00	26.43 1.22 0.00	29.71 1.58 0.00	38.54 1.91 0.00	43.63 1.98 -0.02	43.57 1.93 0.00	44.86 2.08 -1.50	49.28 2.33 0.00	48.98 2.37 0.00	47.48 1.99 0.00	44.25 1.49 0.00	44.88 1.30 0.00	41.94 1.21 0.00	40.32 1.42 0.00	36.89 1.31 0.00	34.40 1.33 0.00
LOWER RAQUET___HYD 24057	19.82 -0.23 0.00	10.59 -0.17 0.00	9.22 -0.12 0.00	13.55 -0.21 0.00	10.18 -0.19 0.00	11.98 -0.17 0.00	21.54 -0.12 0.00	24.67 -0.39 0.00	26.16 -0.39 0.00	24.83 -0.39 0.00	27.22 -0.91 0.00	36.00 -0.63 0.00	40.81 -0.84 -0.01	40.16 -1.47 0.00	39.38 -1.90 0.00	45.13 -1.85 -0.02	44.84 -1.77 0.00	44.58 -0.91 0.00	42.20 -0.56 0.00	43.22 -0.37 0.00	40.06 -0.68 0.00	38.02 -0.88 0.00	34.84 -0.74 0.00	32.54 -0.53 0.00
LOWER___HUDSON 24059	20.90 0.85 0.00	11.22 0.46 0.00	9.72 0.37 0.00	14.34 0.59 0.00	10.82 0.45 0.00	12.70 0.55 0.00	22.60 0.95 0.00	26.06 0.99 0.00	27.48 0.93 0.00	25.92 0.71 0.00	28.94 0.81 0.00	37.43 0.80 0.00	42.45 0.84 0.02	42.60 0.97 0.00	40.11 0.89 2.06	47.89 0.94 0.00	47.52 0.91 0.00	46.33 0.84 0.00	43.51 0.76 0.00	44.44 0.86 0.00	41.73 0.99 0.00	40.17 1.26 0.00	36.66 1.08 0.00	34.21 1.14 0.00
LOWVILLE_115KV_TB2 356335	19.89 -0.16 0.00	10.62 -0.14 0.00	9.13 -0.22 0.00	13.42 -0.33 0.00	10.14 -0.23 0.00	11.97 -0.18 0.00	21.57 -0.09 0.00	25.44 0.37 0.00	27.14 0.59 0.00	25.87 0.66 0.00	28.32 0.19 0.00	37.14 0.50 -0.01	42.29 0.64 -0.02	41.64 0.01 0.00	41.07 -0.21 0.00	47.29 0.29 -0.05	47.33 0.73 0.00	47.10 1.61 0.00	44.84 2.08 0.00	46.17 2.58 0.00	43.13 2.39 0.00	41.13 2.23 0.00	36.57 0.98 0.00	33.34 0.27 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.22 1.17 0.00	11.38 0.61 0.00	9.85 0.50 0.00	14.53 0.77 0.00	10.97 0.60 0.00	12.89 0.74 0.00	22.99 1.33 0.00	26.54 1.47 0.00	27.96 1.41 0.00	26.34 1.13 0.00	29.36 1.23 0.00	38.00 1.38 0.00	43.35 1.73 0.02	43.44 1.81 0.00	41.33 1.67 1.62	48.94 1.99 0.00	48.62 2.01 0.00	47.49 2.00 0.00	44.67 1.92 0.00	45.52 1.94 0.00	42.78 2.04 0.00	41.10 2.19 0.00	37.52 1.94 0.00	34.91 1.84 0.00

LUTHERNY_35_KV_BK2 355980	21.22 1.17 0.00	11.37 0.61 0.00	9.85 0.50 0.00	14.52 0.77 0.00	10.98 0.61 0.00	12.90 0.75 0.00	23.00 1.34 0.00	26.55 1.48 0.00	27.97 1.42 0.00	26.36 1.15 0.00	29.37 1.24 0.00	38.05 1.42 0.00	43.44 1.82 0.02	43.48 1.85 0.00	41.43 1.76 1.62	49.02 2.07 0.00	48.73 2.12 0.00	47.56 2.07 0.00	44.72 1.96 0.00	45.54 1.96 0.00	42.79 2.05 0.00	41.11 2.20 0.00	37.53 1.95 0.00	34.92 1.85 0.00
LWR___OSWEGATCHIE_HYD 23850	19.89 -0.16 0.00	10.64 -0.13 0.00	9.21 -0.13 0.00	13.51 -0.24 0.00	10.18 -0.19 0.00	12.00 -0.15 0.00	21.61 -0.05 0.00	25.12 0.05 0.00	26.71 0.16 0.00	25.41 0.19 0.00	27.80 -0.34 0.00	36.59 -0.05 -0.01	41.57 -0.08 -0.02	40.91 -0.72 0.00	40.24 -1.04 0.00	46.24 -0.76 -0.04	46.13 -0.48 0.00	45.88 0.40 0.00	43.58 0.82 0.00	44.79 1.21 0.00	41.70 0.96 0.00	39.70 0.80 0.00	35.83 0.25 0.00	33.04 -0.03 0.00
LYONS_FALL_HYD 23570	20.09 0.04 0.00	10.75 -0.01 0.00	9.27 -0.07 0.00	13.64 -0.12 0.00	10.30 -0.06 0.00	12.14 -0.01 0.00	21.79 0.13 0.00	25.53 0.47 0.00	27.17 0.62 0.00	25.86 0.64 0.00	28.53 0.40 0.00	37.34 0.70 -0.01	42.50 0.85 -0.01	42.15 0.51 0.00	41.68 0.40 0.00	47.81 0.82 -0.03	47.76 1.15 0.00	47.18 1.69 0.00	44.73 1.98 0.00	45.93 2.35 0.00	42.91 2.17 0.00	40.94 2.03 0.00	36.73 1.15 0.00	33.67 0.60 0.00
MADISON___COUNTY_LFGE 323628	20.42 0.37 0.00	10.96 0.20 0.00	9.51 0.16 0.00	13.99 0.23 0.00	10.56 0.19 0.00	12.39 0.24 0.00	22.16 0.50 0.00	25.74 0.68 0.00	27.31 0.76 0.00	25.96 0.75 0.00	28.98 0.84 0.00	37.82 1.18 -0.01	43.08 1.43 -0.01	43.15 1.51 0.00	42.88 1.60 0.00	48.92 1.92 -0.04	48.72 2.11 0.00	47.61 2.12 0.00	44.97 2.22 0.00	46.06 2.47 0.00	43.00 2.26 0.00	41.03 2.12 0.00	37.26 1.68 0.00	34.40 1.33 0.00
MALONE___115KV_TB1 356076	19.93 -0.12 0.00	10.63 -0.13 0.00	9.23 -0.11 0.00	13.54 -0.21 0.00	10.22 -0.15 0.00	11.99 -0.16 0.00	21.60 -0.06 0.00	24.90 -0.17 0.00	26.42 -0.13 0.00	25.04 -0.17 0.00	27.83 -0.30 0.00	36.63 0.00 0.00	41.75 0.11 0.00	41.36 -0.27 0.00	40.72 -0.56 0.00	46.41 -0.54 0.00	46.31 -0.30 0.00	45.95 0.47 0.00	43.50 0.74 0.00	44.45 0.86 0.00	41.08 0.34 0.00	38.49 -0.42 0.00	35.17 -0.41 0.00	32.95 -0.12 0.00
MAPLEWOD_115KV_TB3 80458	20.82 0.76 0.00	11.18 0.41 0.00	9.68 0.34 0.00	14.29 0.53 0.00	10.77 0.40 0.00	12.64 0.49 0.00	22.46 0.80 0.00	25.92 0.85 0.00	27.35 0.81 0.00	25.83 0.62 0.00	28.89 0.76 0.00	37.40 0.77 0.00	42.46 0.84 0.02	42.66 1.03 0.00	40.65 0.95 1.58	48.04 1.08 0.00	47.74 1.14 0.00	46.56 1.07 0.00	43.72 0.97 0.00	44.64 1.05 0.00	41.82 1.08 0.00	40.21 1.30 0.00	36.67 1.09 0.00	34.15 1.08 0.00
MAPLE_RIDGE_WT_1 323574	19.15 -0.90 0.00	10.22 -0.55 0.00	8.90 -0.45 0.00	13.07 -0.69 0.00	9.84 -0.53 0.00	11.53 -0.62 0.00	20.70 -0.96 0.00	24.13 -0.94 0.00	25.77 -0.77 0.00	24.71 -0.50 0.00	27.26 -0.87 0.00	35.79 -0.84 0.00	40.73 -0.91 0.00	40.41 -1.23 0.00	39.85 -1.43 0.00	45.70 -1.26 0.00	45.51 -1.10 0.00	44.92 -0.57 0.00	42.36 -0.39 0.00	43.26 -0.32 0.00	40.36 -0.38 0.00	38.08 -0.83 0.00	34.55 -1.03 0.00	31.97 -1.10 0.00
MAPLE_RIDGE_WT_2 323611	19.15 -0.90 0.00	10.22 -0.55 0.00	8.90 -0.45 0.00	13.07 -0.69 0.00	9.84 -0.53 0.00	11.53 -0.62 0.00	20.70 -0.96 0.00	24.13 -0.94 0.00	25.77 -0.77 0.00	24.71 -0.50 0.00	27.26 -0.87 0.00	35.79 -0.84 0.00	40.73 -0.91 0.00	40.41 -1.23 0.00	39.85 -1.43 0.00	45.70 -1.26 0.00	45.51 -1.10 0.00	44.92 -0.57 0.00	42.36 -0.39 0.00	43.26 -0.32 0.00	40.36 -0.38 0.00	38.08 -0.83 0.00	34.55 -1.03 0.00	31.97 -1.10 0.00
MARBLE_RIVER_WT_PWR 323696	19.86 -0.19 0.00	10.58 -0.19 0.00	9.16 -0.18 0.00	13.45 -0.30 0.00	10.16 -0.21 0.00	11.90 -0.25 0.00	21.40 -0.26 0.00	24.66 -0.41 0.00	26.18 -0.37 0.00	24.76 -0.45 0.00	27.77 -0.36 0.00	36.50 -0.13 0.00	41.71 0.07 0.00	41.42 -0.22 0.00	40.83 -0.45 0.00	46.49 -0.47 0.00	46.45 -0.15 0.00	45.99 0.50 0.00	43.53 0.77 0.00	44.45 0.87 0.00	40.95 0.21 0.00	38.05 -0.86 0.00	34.75 -0.83 0.00	32.71 -0.36 0.00
MARSHVLE_115KV_TB1 80742	20.86 0.80 0.00	11.19 0.42 0.00	9.72 0.38 0.00	14.28 0.53 0.00	10.88 0.51 0.00	12.78 0.63 0.00	22.58 0.92 0.00	26.05 0.98 0.00	27.51 0.96 0.00	26.17 0.96 0.00	29.63 1.50 0.00	38.80 2.17 0.00	44.37 2.74 0.01	44.27 2.64 0.00	43.28 2.82 0.81	50.65 3.69 0.00	50.46 3.85 0.00	49.30 3.81 0.00	46.52 3.76 0.00	47.79 4.20 0.00	44.63 3.89 0.00	42.34 3.44 0.00	38.69 3.11 0.00	35.78 2.71 0.00
MARSH_HILL_WT_PWR 323713	13.72 -1.41 4.93	7.60 -0.69 2.47	8.92 -0.43 0.00	13.10 -0.66 0.00	9.84 -0.53 0.00	11.42 -0.73 0.00	20.67 -0.99 0.00	24.85 -0.21 0.00	27.13 0.58 0.00	26.21 1.00 0.00	29.52 1.39 0.00	38.48 1.84 -0.01	44.01 2.37 -0.01	43.93 2.30 0.00	43.87 2.59 0.00	49.78 2.80 -0.03	49.26 2.65 0.00	47.47 1.98 0.00	43.78 1.02 0.00	45.60 2.02 0.00	42.27 1.53 0.00	39.97 1.06 0.00	36.13 0.55 0.00	33.40 0.34 0.00
MCINTYRE_115KV_TB2 80467	20.18 0.13 0.00	10.81 0.04 0.00	9.42 0.07 0.00	13.83 0.08 0.00	10.40 0.04 0.00	12.23 0.08 0.00	21.99 0.33 0.00	25.22 0.16 0.00	26.69 0.14 0.00	25.30 0.08 0.00	27.48 -0.65 0.00	36.24 -0.39 0.00	41.13 -0.51 0.00	40.69 -0.94 0.00	39.92 -1.36 0.00	45.70 -1.25 0.00	45.39 -1.22 0.00	45.13 -0.36 0.00	42.78 0.02 0.00	44.14 0.55 0.00	41.17 0.43 0.00	39.03 0.12 0.00	35.68 0.10 0.00	33.20 0.13 0.00
MECO_____69_KV_BK1 80468	21.43 1.38 0.00	11.47 0.70 0.00	9.95 0.61 0.00	14.64 0.88 0.00	11.21 0.84 0.00	13.18 1.03 0.00	23.11 1.45 0.00	25.67 0.60 0.00	26.98 0.43 0.00	24.62 -0.59 0.00	28.11 -0.02 0.00	36.91 0.28 0.00	44.24 2.62 0.01	41.51 -0.12 0.00	40.39 0.07 0.96	48.59 1.63 0.00	48.59 1.98 0.00	48.93 3.44 0.00	47.11 4.35 0.00	49.26 5.68 0.00	46.34 5.60 0.00	43.99 5.08 0.00	40.07 4.49 0.00	36.75 3.68 0.00
MENANDS___115KV_TB5 355628	20.71 0.66 0.00	11.13 0.36 0.00	9.64 0.29 0.00	14.22 0.47 0.00	10.72 0.34 0.00	12.58 0.43 0.00	22.34 0.68 0.00	25.76 0.69 0.00	27.18 0.63 0.00	25.67 0.46 0.00	28.72 0.59 0.00	37.17 0.54 0.00	42.15 0.54 0.02	42.32 0.69 0.00	40.35 0.65 1.58	47.68 0.72 0.00	47.33 0.73 0.00	46.11 0.63 0.00	43.28 0.53 0.00	44.17 0.58 0.00	41.39 0.66 0.00	39.82 0.91 0.00	36.32 0.74 0.00	33.86 0.79 0.00
MG INDUSTRY___DRP 24185	20.70 0.65 0.00	11.12 0.36 0.00	9.63 0.29 0.00	14.23 0.47 0.00	10.72 0.35 0.00	12.58 0.43 0.00	22.34 0.68 0.00	25.72 0.66 0.00	27.09 0.54 0.00	25.56 0.35 0.00	28.54 0.41 0.00	36.94 0.31 0.00	41.91 0.29 0.01	42.10 0.47 0.00	40.79 0.39 0.88	47.48 0.52 0.00	47.14 0.54 0.00	45.98 0.50 0.00	43.28 0.53 0.00	44.24 0.66 0.00	41.48 0.75 0.00	39.85 0.94 0.00	36.37 0.79 0.00	33.89 0.82 0.00

MID___OSWEGATCHIE_HYD 23849	19.89 -0.16 0.00	10.64 -0.13 0.00	9.21 -0.13 0.00	13.51 -0.24 0.00	10.18 -0.19 0.00	12.00 -0.15 0.00	21.61 -0.05 0.00	25.12 0.05 0.00	26.71 0.16 0.00	25.41 0.19 0.00	27.80 -0.34 0.00	36.59 -0.05 -0.01	41.57 -0.08 -0.02	40.91 -0.72 0.00	40.24 -1.04 0.00	46.24 -0.76 -0.04	46.13 -0.48 0.00	45.88 0.40 0.00	43.58 0.82 0.00	44.79 1.21 0.00	41.70 0.96 0.00	39.70 0.80 0.00	35.83 0.25 0.00	33.04 -0.03 0.00
MID___RAQUETTE_HYD 23851	19.81 -0.24 0.00	10.59 -0.17 0.00	9.22 -0.12 0.00	13.55 -0.21 0.00	10.18 -0.19 0.00	11.98 -0.17 0.00	21.54 -0.12 0.00	24.67 -0.39 0.00	26.16 -0.39 0.00	24.83 -0.39 0.00	27.22 -0.91 0.00	36.00 -0.63 0.00	40.81 -0.84 -0.01	40.16 -1.47 0.00	39.38 -1.90 0.00	45.13 -1.85 -0.02	44.84 -1.77 0.00	44.58 -0.91 0.00	42.20 -0.56 0.00	43.22 -0.37 0.00	40.06 -0.68 0.00	38.02 -0.88 0.00	34.84 -0.74 0.00	32.54 -0.53 0.00
MILLIKEN___1 23584	25.88 0.17 -5.66	13.71 0.10 -2.84	9.45 0.11 0.00	13.90 0.15 0.00	10.50 0.12 0.00	12.30 0.14 0.00	21.94 0.28 0.00	25.53 0.46 0.00	27.16 0.61 0.00	25.87 0.66 0.00	28.94 0.81 0.00	37.67 1.02 -0.02	42.80 1.14 -0.03	42.96 1.33 0.00	42.79 1.51 0.00	48.78 1.74 -0.07	48.54 1.93 0.00	47.35 1.86 0.00	44.74 1.99 0.00	45.57 1.99 0.00	42.47 1.74 0.00	40.54 1.63 0.00	37.03 1.45 0.00	34.18 1.12 0.00
MILLIKEN___2 23585	25.88 0.17 -5.66	13.71 0.10 -2.84	9.45 0.11 0.00	13.90 0.15 0.00	10.50 0.12 0.00	12.30 0.14 0.00	21.94 0.28 0.00	25.53 0.46 0.00	27.16 0.61 0.00	25.87 0.66 0.00	28.94 0.81 0.00	37.67 1.02 -0.02	42.80 1.14 -0.03	42.96 1.33 0.00	42.79 1.51 0.00	48.78 1.74 -0.07	48.54 1.93 0.00	47.35 1.86 0.00	44.74 1.99 0.00	45.57 1.99 0.00	42.47 1.74 0.00	40.54 1.63 0.00	37.03 1.45 0.00	34.18 1.12 0.00
MILLIKEN___DIESEL 23629	25.88 0.17 -5.66	13.71 0.10 -2.84	9.45 0.11 0.00	13.90 0.15 0.00	10.50 0.12 0.00	12.30 0.14 0.00	21.94 0.28 0.00	25.53 0.46 0.00	27.16 0.61 0.00	25.87 0.66 0.00	28.94 0.81 0.00	37.67 1.02 -0.02	42.80 1.14 -0.03	42.96 1.33 0.00	42.79 1.51 0.00	48.78 1.74 -0.07	48.54 1.93 0.00	47.35 1.86 0.00	44.74 1.99 0.00	45.57 1.99 0.00	42.47 1.74 0.00	40.54 1.63 0.00	37.03 1.45 0.00	34.18 1.12 0.00
MILLSEAT___LFGE 323607	17.72 -0.63 1.70	9.76 -0.15 0.85	9.32 -0.02 0.00	13.53 -0.22 0.00	10.29 -0.07 0.00	11.89 -0.26 0.00	21.34 -0.32 0.00	25.51 0.44 0.00	27.58 1.03 0.00	26.50 1.29 0.00	29.86 1.73 0.00	38.95 2.32 0.00	44.52 2.89 0.00	44.55 2.92 0.00	44.46 3.18 0.00	50.45 3.49 0.00	50.08 3.47 0.00	48.22 2.74 0.00	45.29 3.09 0.00	46.67 3.09 0.00	43.44 2.70 0.00	41.38 2.47 0.00	38.05 2.47 0.00	35.06 2.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.08 1.03 0.00	11.32 0.56 0.00	9.79 0.44 0.00	14.41 0.65 0.00	10.86 0.50 0.00	12.77 0.62 0.00	22.65 0.99 0.00	26.20 1.14 0.00	27.91 1.36 0.00	26.51 1.31 0.00	29.80 1.67 0.00	38.64 2.01 0.00	43.77 2.12 -0.02	43.75 2.12 0.00	45.17 2.27 -1.62	49.50 2.54 0.00	49.19 2.58 0.00	47.69 2.20 0.00	44.46 1.70 0.00	45.09 1.51 0.00	42.19 1.45 0.00	40.56 1.66 0.00	37.12 1.54 0.00	34.56 1.50 0.00
MILLWOOD_13_KV_LOAD 356217	21.13 1.08 0.00	11.35 0.59 0.00	9.81 0.46 0.00	14.44 0.68 0.00	10.89 0.52 0.00	12.80 0.65 0.00	22.70 1.04 0.00	26.28 1.21 0.00	28.00 1.46 0.00	26.60 1.39 0.00	29.91 1.78 0.00	38.78 2.15 0.00	43.94 2.29 -0.02	43.93 2.30 0.00	45.36 2.47 -1.62	49.72 2.76 0.00	49.43 2.82 0.00	47.91 2.42 0.00	44.67 1.92 0.00	45.30 1.72 0.00	42.37 1.64 0.00	40.74 1.83 0.00	37.27 1.69 0.00	34.69 1.62 0.00
MODEL_CITY_ENERGY 24167	16.95 -1.22 1.88	9.38 -0.43 0.94	9.09 -0.25 0.00	13.16 -0.60 0.00	10.02 -0.35 0.00	11.53 -0.62 0.00	20.66 -1.00 0.00	24.71 -0.35 0.00	26.78 0.23 0.00	25.77 0.56 0.00	29.08 0.95 0.00	37.91 1.28 0.00	43.22 1.58 0.00	43.16 1.53 0.00	42.99 1.71 0.00	48.66 1.70 0.00	48.15 1.55 0.00	46.27 0.78 0.00	43.46 0.70 0.00	44.89 1.31 0.00	41.77 1.04 0.00	39.82 0.91 0.00	36.78 1.20 0.00	34.00 0.93 0.00
MODERN_LFGE___ 323580	16.95 -1.22 1.88	9.38 -0.43 0.94	9.09 -0.25 0.00	13.16 -0.60 0.00	10.02 -0.35 0.00	11.53 -0.62 0.00	20.66 -1.00 0.00	24.71 -0.35 0.00	26.78 0.23 0.00	25.77 0.56 0.00	29.08 0.95 0.00	37.91 1.28 0.00	43.22 1.58 0.00	43.16 1.53 0.00	42.99 1.71 0.00	48.66 1.70 0.00	48.15 1.55 0.00	46.27 0.78 0.00	43.46 0.70 0.00	44.89 1.31 0.00	41.77 1.04 0.00	39.82 0.91 0.00	36.78 1.20 0.00	34.00 0.93 0.00
MOHAWK_PAPER___DRP 24187	20.82 0.76 0.00	11.18 0.41 0.00	9.68 0.34 0.00	14.29 0.53 0.00	10.77 0.40 0.00	12.64 0.49 0.00	22.46 0.80 0.00	25.92 0.85 0.00	27.35 0.81 0.00	25.83 0.62 0.00	28.89 0.76 0.00	37.40 0.77 0.00	42.46 0.84 0.02	42.66 1.03 0.00	40.65 0.95 1.58	48.04 1.08 0.00	47.74 1.14 0.00	46.56 1.07 0.00	43.72 0.97 0.00	44.64 1.05 0.00	41.82 1.08 0.00	40.21 1.30 0.00	36.67 1.09 0.00	34.15 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	21.64 1.59 0.00	11.57 0.80 0.00	10.00 0.65 0.00	14.76 1.01 0.00	11.16 0.79 0.00	13.15 1.00 0.00	23.50 1.85 0.00	27.14 2.07 0.00	28.48 1.93 0.00	26.69 1.48 0.00	29.60 1.47 0.00	38.20 1.57 0.00	43.68 2.06 0.02	43.76 2.13 0.00	41.67 1.98 1.59	49.34 2.39 0.00	48.90 2.30 0.00	47.86 2.37 0.00	45.01 2.25 0.00	45.83 2.25 0.00	43.30 2.56 0.00	41.69 2.79 0.00	38.15 2.57 0.00	35.45 2.38 0.00
MONGAUP___HYD 23641	21.11 1.05 0.00	11.31 0.55 0.00	9.78 0.44 0.00	14.40 0.64 0.00	10.86 0.49 0.00	12.75 0.60 0.00	22.65 0.99 0.00	26.20 1.13 0.00	27.82 1.27 0.00	26.35 1.14 0.00	29.40 1.27 0.00	38.08 1.45 0.00	43.13 1.49 -0.02	43.14 1.51 0.00	44.31 1.73 -1.30	49.00 2.04 0.00	48.84 2.23 0.00	47.69 2.20 0.00	44.75 1.99 0.00	45.61 2.02 0.00	42.70 1.96 0.00	40.98 2.08 0.00	37.45 1.87 0.00	34.76 1.69 0.00
MONTAUK___DIESEL 23721	22.19 2.14 0.00	11.97 1.21 0.00	10.36 1.02 0.00	15.19 1.44 0.00	11.50 1.13 0.00	13.40 1.24 0.00	23.65 1.99 0.00	27.53 2.46 0.00	29.41 2.87 0.00	28.18 2.97 0.00	46.54 3.80 -14.61	48.84 4.81 -7.40	49.29 5.27 -2.39	52.31 5.33 -5.35	69.61 5.61 -22.72	59.84 6.64 -6.24	62.25 6.86 -8.79	83.32 6.42 -31.41	84.94 5.72 -36.47	68.70 5.47 -19.64	63.10 4.86 -17.51	65.34 4.77 -21.66	63.75 4.30 -23.87	45.56 4.00 -8.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.28 -1.35 2.42	9.04 -0.51 1.21	9.03 -0.31 0.00	13.16 -0.59 0.00	9.94 -0.44 0.00	11.53 -0.62 0.00	20.98 -0.67 0.00	25.36 0.29 0.00	27.70 1.15 0.00	26.86 1.65 0.00	30.58 2.45 0.00	39.70 3.07 0.00	45.45 3.81 0.00	45.53 3.90 0.00	45.55 4.27 0.00	51.35 4.40 0.00	50.68 4.08 0.00	48.75 3.26 0.00	45.65 2.89 0.00	47.12 3.53 0.00	43.58 2.85 0.00	41.08 2.18 0.00	37.31 1.73 0.00	34.33 1.26 0.00

MORTIMER_115KV_TB3 55949	18.35 -0.51 1.19	10.00 -0.16 0.60	9.27 -0.07 0.00	13.54 -0.22 0.00	10.26 -0.11 0.00	11.92 -0.23 0.00	21.34 -0.33 0.00	25.20 0.13 0.00	27.05 0.50 0.00	25.92 0.71 0.00	29.24 1.11 0.00	38.20 1.57 0.00	43.60 1.96 0.00	43.63 1.99 0.00	43.51 2.23 0.00	49.49 2.53 0.00	49.12 2.51 0.00	47.47 1.98 0.00	44.55 1.80 0.00	45.65 2.06 0.00	42.46 1.73 0.00	40.45 1.54 0.00	37.07 1.49 0.00	34.22 1.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.20 1.15 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.37 1.30 0.00	28.13 1.58 0.00	26.75 1.54 0.00	30.07 1.94 0.00	38.99 2.36 0.00	44.14 2.48 -0.02	44.14 2.50 0.00	45.59 2.67 -1.63	49.88 2.92 0.00	49.54 2.93 0.00	47.97 2.48 0.00	44.68 1.93 0.00	45.29 1.70 0.00	42.42 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00
MUNSVILLE_WIND_PWR 323609	23.81 0.64 -3.13	12.57 0.24 -1.57	9.63 0.29 0.00	14.13 0.38 0.00	10.67 0.30 0.00	12.59 0.44 0.00	22.67 1.01 0.00	27.29 2.22 0.00	28.58 2.03 0.00	26.90 1.69 0.00	30.00 1.87 0.00	39.15 2.51 -0.01	44.79 3.14 -0.02	44.94 3.31 0.00	44.76 3.48 0.00	51.36 4.36 -0.05	51.09 4.49 0.00	50.17 4.68 0.00	47.45 4.69 0.00	48.66 5.08 0.00	45.31 4.57 0.00	43.26 4.35 0.00	39.44 3.86 0.00	36.18 3.11 0.00
N SALMON___HYD 24042	19.93 -0.12 0.00	10.63 -0.13 0.00	9.23 -0.11 0.00	13.54 -0.21 0.00	10.22 -0.15 0.00	11.99 -0.16 0.00	21.60 -0.06 0.00	24.90 -0.17 0.00	26.42 -0.13 0.00	25.04 -0.17 0.00	27.83 -0.30 0.00	36.63 0.00 0.00	41.75 0.11 0.00	41.36 -0.27 0.00	40.72 -0.56 0.00	46.41 -0.54 0.00	46.31 -0.29 0.00	45.95 0.46 0.00	43.50 0.74 0.00	44.45 0.86 0.00	41.08 0.35 0.00	38.49 -0.42 0.00	35.17 -0.41 0.00	32.95 -0.12 0.00
N.AKRON___115KV_KNAPP 355671	17.60 -0.71 1.74	9.70 -0.19 0.87	9.30 -0.05 0.00	13.47 -0.28 0.00	10.26 -0.11 0.00	11.84 -0.31 0.00	21.25 -0.41 0.00	25.42 0.35 0.00	27.51 0.96 0.00	26.45 1.24 0.00	29.82 1.68 0.00	38.90 2.27 0.00	44.44 2.80 0.00	44.43 2.80 0.00	44.34 3.06 0.00	50.26 3.30 0.00	49.85 3.24 0.00	47.97 2.48 0.00	45.04 2.29 0.00	46.45 2.87 0.00	43.24 2.50 0.00	41.19 2.29 0.00	37.90 2.32 0.00	34.97 1.90 0.00
N.BELMOR_69_KV_BK1 55787	21.49 1.45 0.00	11.57 0.81 0.00	10.00 0.65 0.00	14.67 0.91 0.00	11.08 0.71 0.00	12.95 0.80 0.00	22.85 1.19 0.00	26.53 1.46 0.00	28.27 1.72 0.00	26.95 1.74 0.00	45.00 2.26 -14.61	46.80 2.78 -7.40	46.99 2.97 -2.39	50.15 2.98 -5.54	68.53 3.13 -24.12	57.29 3.44 -6.89	59.48 3.49 -9.38	81.60 3.10 -33.00	81.78 2.56 -36.47	66.44 2.38 -20.47	61.40 2.23 -18.43	64.21 2.54 -22.77	61.91 2.47 -23.87	43.93 2.37 -8.49
N.E_GEN_SANDY PD 24062	21.36 0.88 -0.43	17.38 0.47 -6.15	20.32 0.37 -10.61	21.57 0.57 -7.25	18.12 0.44 -7.32	18.28 0.56 -5.58	23.71 0.92 -1.13	26.00 0.93 0.00	27.83 0.94 -0.34	25.96 0.75 0.00	29.44 0.92 -0.39	37.19 0.89 0.33	42.27 0.78 0.14	42.50 0.87 0.00	30.37 0.88 11.79	41.99 0.89 5.86	45.45 0.88 2.04	41.47 0.68 4.70	41.53 0.45 1.67	44.08 0.49 0.00	41.35 0.61 0.00	39.86 0.96 0.00	35.86 0.80 0.53	34.91 0.95 -0.89
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.06 1.01 0.00	11.31 0.54 0.00	9.77 0.42 0.00	14.38 0.63 0.00	10.85 0.48 0.00	12.74 0.59 0.00	22.59 0.93 0.00	26.16 1.09 0.00	27.88 1.33 0.00	26.49 1.27 0.00	29.79 1.66 0.00	38.66 2.03 0.00	43.79 2.14 -0.02	43.74 2.11 0.00	45.05 2.28 -1.49	49.53 2.58 0.00	49.25 2.65 0.00	47.74 2.25 0.00	44.47 1.72 0.00	45.12 1.53 0.00	42.14 1.40 0.00	40.49 1.58 0.00	37.02 1.45 0.00	34.51 1.44 0.00
N.QUEENS_27_KV_LOAD 356247	21.29 1.24 0.00	11.43 0.67 0.00	9.87 0.53 0.00	14.53 0.77 0.00	10.96 0.59 0.00	12.90 0.74 0.00	22.84 1.18 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.83 1.62 0.00	30.17 2.04 0.00	39.08 2.45 0.00	44.27 2.62 -0.02	44.23 2.59 0.00	45.62 2.70 -1.63	49.80 2.84 0.00	49.38 2.78 0.00	47.86 2.37 0.00	44.58 1.82 0.00	45.21 1.63 0.00	42.41 1.68 0.00	40.90 1.99 0.00	37.53 1.95 0.00	34.94 1.87 0.00
N.TROY___115KV_TB1 355778	20.90 0.85 0.00	11.22 0.46 0.00	9.72 0.37 0.00	14.34 0.59 0.00	10.82 0.45 0.00	12.70 0.55 0.00	22.61 0.95 0.00	26.06 0.99 0.00	27.48 0.93 0.00	25.92 0.71 0.00	28.94 0.81 0.00	37.43 0.80 0.00	42.45 0.84 0.02	42.60 0.97 0.00	40.11 0.89 2.06	47.89 0.94 0.00	47.52 0.91 0.00	46.33 0.85 0.00	43.51 0.76 0.00	44.44 0.86 0.00	41.73 0.99 0.00	40.17 1.26 0.00	36.66 1.08 0.00	34.21 1.14 0.00
NARROWS_GT1_1 24228	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT1_2 24229	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT1_3 24230	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT1_4 24231	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT1_5 24232	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00

NARROWS_GT1_6 24233	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT1_7 24234	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT1_8 24235	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_1 24236	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_2 24237	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_3 24238	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_4 24239	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_5 24240	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_6 24241	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_7 24242	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NARROWS_GT2_8 24243	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.07 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.04 0.99 0.00	11.29 0.53 0.00	9.78 0.44 0.00	14.44 0.69 0.00	10.88 0.51 0.00	12.78 0.63 0.00	22.74 1.08 0.00	26.22 1.15 0.00	27.51 0.96 0.00	25.84 0.63 0.00	28.84 0.71 0.00	37.25 0.63 0.00	42.37 0.74 0.01	42.73 1.10 0.00	41.74 1.05 0.58	48.33 1.37 0.00	48.19 1.58 0.00	47.19 1.70 0.00	44.69 1.93 0.00	45.94 2.35 0.00	43.12 2.39 0.00	41.35 2.44 0.00	37.56 1.98 0.00	34.84 1.77 0.00
NCHELSEA_115KV_TR2 355582	21.19 1.14 0.00	11.37 0.61 0.00	9.83 0.48 0.00	14.47 0.71 0.00	10.91 0.54 0.00	12.83 0.68 0.00	22.79 1.13 0.00	26.37 1.30 0.00	28.05 1.51 0.00	26.63 1.42 0.00	29.92 1.79 0.00	38.81 2.18 0.00	43.98 2.33 -0.02	44.06 2.43 0.00	45.16 2.62 -1.25	50.01 3.06 0.00	49.78 3.18 0.00	48.34 2.85 0.00	45.14 2.38 0.00	45.81 2.23 0.00	42.80 2.06 0.00	41.10 2.19 0.00	37.53 1.95 0.00	34.88 1.81 0.00
NEG CAPITAL____MECHNVIL 23645	21.21 1.16 0.00	11.38 0.61 0.00	9.84 0.50 0.00	14.53 0.77 0.00	10.96 0.59 0.00	12.89 0.73 0.00	22.98 1.32 0.00	26.52 1.45 0.00	27.95 1.40 0.00	26.36 1.15 0.00	29.40 1.27 0.00	38.09 1.46 0.00	43.41 1.79 0.02	43.53 1.90 0.00	41.25 1.75 1.78	49.07 2.11 0.00	48.76 2.16 0.00	47.64 2.15 0.00	44.81 2.05 0.00	45.69 2.10 0.00	42.89 2.16 0.00	41.21 2.30 0.00	37.59 2.01 0.00	34.97 1.90 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.44 -0.75 0.86	10.02 -0.32 0.43	9.13 -0.22 0.00	13.35 -0.41 0.00	10.10 -0.26 0.00	11.77 -0.38 0.00	21.06 -0.60 0.00	24.82 -0.25 0.00	26.58 0.03 0.00	25.44 0.23 0.00	28.68 0.55 0.00	37.48 0.84 0.00	42.78 1.14 0.00	42.83 1.20 0.00	42.70 1.42 0.00	48.59 1.63 0.00	48.27 1.67 0.00	46.79 1.30 0.00	43.88 1.12 0.00	44.87 1.28 0.00	41.74 1.01 0.00	39.77 0.86 0.00	36.37 0.79 0.00	33.58 0.51 0.00



NEG CENTRAL___DRP 24199	18.71 -0.21 1.13	10.12 -0.07 0.57	9.32 -0.03 0.00	13.68 -0.08 0.00	10.34 -0.03 0.00	12.08 -0.07 0.00	21.58 -0.08 0.00	25.28 0.21 0.00	26.98 0.43 0.00	25.78 0.57 0.00	28.92 0.79 0.00	37.75 1.10 -0.02	43.06 1.40 -0.03	43.07 1.44 0.00	42.97 1.70 0.00	48.94 1.91 -0.07	48.71 2.10 0.00	47.45 1.96 0.00	44.53 1.77 0.00	45.34 1.76 0.00	42.19 1.45 0.00	40.21 1.31 0.00	36.70 1.13 0.00	33.90 0.83 0.00
NEG CENTRAL___INDECK 23768	16.84 -0.28 2.93	9.24 -0.05 1.47	9.41 0.06 0.00	13.74 -0.01 0.00	10.40 0.03 0.00	12.10 -0.05 0.00	21.80 0.13 0.00	25.87 0.80 0.00	27.77 1.22 0.00	26.49 1.28 0.00	29.91 1.78 0.00	38.96 2.33 0.00	44.34 2.70 0.00	44.16 2.52 0.00	43.36 2.08 0.00	49.42 2.46 0.00	49.17 2.56 0.00	48.01 2.52 0.00	44.79 2.04 0.00	45.93 2.34 0.00	42.77 2.03 0.00	40.72 1.82 0.00	37.12 1.54 0.00	34.13 1.07 0.00
NEG CENTRAL___SENECA 23627	17.68 -0.28 2.10	9.62 -0.09 1.05	9.32 -0.02 0.00	13.67 -0.09 0.00	10.33 -0.04 0.00	12.06 -0.09 0.00	21.60 -0.06 0.00	25.40 0.33 0.00	27.18 0.63 0.00	26.00 0.78 0.00	29.17 1.04 0.00	38.10 1.46 -0.01	43.52 1.87 -0.01	43.50 1.87 0.00	43.43 2.15 0.00	49.43 2.44 -0.04	49.27 2.66 0.00	47.94 2.45 0.00	44.94 2.19 0.00	45.83 2.25 0.00	42.60 1.87 0.00	40.59 1.68 0.00	37.02 1.44 0.00	34.15 1.09 0.00
NEG CENTRAL___STATE_STREET 24147	20.70 0.02 -0.63	11.12 0.04 -0.32	9.38 0.03 0.00	13.80 0.05 0.00	10.44 0.07 0.00	12.20 0.05 0.00	21.72 0.05 0.00	25.35 0.28 0.00	26.97 0.42 0.00	25.69 0.48 0.00	28.78 0.65 0.00	37.54 0.88 -0.03	42.60 0.93 -0.04	42.77 1.13 0.00	42.62 1.34 0.00	48.46 1.41 -0.10	48.26 1.65 0.00	47.06 1.58 0.00	44.39 1.63 0.00	45.02 1.44 0.00	41.91 1.17 0.00	40.00 1.09 0.00	36.61 1.03 0.00	33.75 0.68 0.00
NEG MILLWOOD___DRP 24198	21.25 1.20 0.00	11.40 0.64 0.00	9.85 0.51 0.00	14.50 0.75 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.86 1.20 0.00	26.45 1.39 0.00	28.18 1.63 0.00	26.76 1.55 0.00	30.08 1.95 0.00	39.01 2.38 0.00	44.24 2.58 -0.02	44.30 2.67 0.00	45.58 2.89 -1.42	50.26 3.30 0.00	49.99 3.39 0.00	48.52 3.03 0.00	45.29 2.54 0.00	45.95 2.36 0.00	42.92 2.18 0.00	41.21 2.30 0.00	37.64 2.06 0.00	34.98 1.91 0.00
NEG NORTH_FLCN_SEA 23793	20.15 0.10 0.00	10.72 -0.04 0.00	9.27 -0.07 0.00	13.62 -0.14 0.00	10.29 -0.07 0.00	12.06 -0.09 0.00	21.70 0.04 0.00	24.99 -0.07 0.00	26.57 0.02 0.00	25.06 -0.15 0.00	28.26 0.13 0.00	37.11 0.48 0.00	42.44 0.81 0.00	42.10 0.46 0.00	41.56 0.28 0.00	47.37 0.41 0.00	47.47 0.86 0.00	47.01 1.52 0.00	44.55 1.80 0.00	45.64 2.06 0.00	42.03 1.29 0.00	38.77 -0.14 0.00	35.29 -0.29 0.00	33.32 0.25 0.00
NEG NORTH_KES_CHATEGAY 23792	19.80 -0.25 0.00	10.55 -0.22 0.00	9.15 -0.19 0.00	13.43 -0.33 0.00	10.14 -0.23 0.00	11.88 -0.27 0.00	21.39 -0.27 0.00	24.66 -0.41 0.00	26.13 -0.42 0.00	24.75 -0.46 0.00	27.63 -0.50 0.00	36.32 -0.31 0.00	41.47 -0.16 0.00	41.19 -0.44 0.00	40.59 -0.69 0.00	46.19 -0.76 0.00	46.11 -0.50 0.00	45.72 0.23 0.00	43.25 0.49 0.00	44.16 0.58 0.00	40.76 0.02 0.00	38.05 -0.85 0.00	34.78 -0.80 0.00	32.65 -0.42 0.00
NEG NORTH___ALICE_FALLS 23915	20.12 0.07 0.00	10.71 -0.05 0.00	9.27 -0.08 0.00	13.61 -0.14 0.00	10.28 -0.08 0.00	12.05 -0.10 0.00	21.70 0.04 0.00	25.02 -0.05 0.00	26.60 0.05 0.00	25.08 -0.13 0.00	28.28 0.15 0.00	37.06 0.43 0.00	42.34 0.70 0.00	42.00 0.36 0.00	41.46 0.18 0.00	47.27 0.31 0.00	47.34 0.74 0.00	46.98 1.49 0.00	44.52 1.77 0.00	45.63 2.05 0.00	42.05 1.31 0.00	38.88 -0.03 0.00	35.39 -0.19 0.00	33.35 0.28 0.00
NEG NORTH___LWR_SARANAC 23913	20.12 0.07 0.00	10.71 -0.05 0.00	9.27 -0.08 0.00	13.61 -0.14 0.00	10.28 -0.08 0.00	12.05 -0.10 0.00	21.70 0.04 0.00	25.02 -0.05 0.00	26.60 0.05 0.00	25.08 -0.13 0.00	28.28 0.15 0.00	37.06 0.43 0.00	42.34 0.70 0.00	42.00 0.36 0.00	41.46 0.18 0.00	47.27 0.31 0.00	47.34 0.74 0.00	46.98 1.49 0.00	44.52 1.77 0.00	45.63 2.05 0.00	42.05 1.31 0.00	38.88 -0.03 0.00	35.39 -0.19 0.00	33.35 0.28 0.00
NEG NORTH___PLATTSBURG 23628	20.12 0.07 0.00	10.71 -0.05 0.00	9.27 -0.08 0.00	13.61 -0.14 0.00	10.28 -0.08 0.00	12.05 -0.10 0.00	21.70 0.04 0.00	25.02 -0.05 0.00	26.60 0.05 0.00	25.08 -0.13 0.00	28.28 0.15 0.00	37.06 0.43 0.00	42.34 0.70 0.00	42.00 0.36 0.00	41.46 0.18 0.00	47.27 0.31 0.00	47.34 0.74 0.00	46.98 1.49 0.00	44.52 1.77 0.00	45.63 2.05 0.00	42.04 1.31 0.00	38.88 -0.03 0.00	35.39 -0.20 0.00	33.35 0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	17.16 -1.05 1.85	9.48 -0.36 0.93	9.15 -0.19 0.00	13.27 -0.49 0.00	10.09 -0.27 0.00	11.63 -0.52 0.00	20.86 -0.80 0.00	24.96 -0.11 0.00	27.05 0.50 0.00	26.03 0.82 0.00	29.37 1.24 0.00	38.29 1.67 0.00	43.66 2.02 0.00	43.62 1.98 0.00	43.47 2.19 0.00	49.20 2.24 0.00	48.70 2.10 0.00	46.80 1.31 0.00	43.94 1.19 0.00	45.40 1.82 0.00	42.24 1.50 0.00	40.25 1.35 0.00	37.13 1.55 0.00	34.32 1.25 0.00
NEG WEST___LANCASTR 23811	17.01 -0.64 2.40	9.37 -0.19 1.20	9.29 -0.05 0.00	13.52 -0.23 0.00	10.26 -0.11 0.00	11.86 -0.30 0.00	21.29 -0.37 0.00	25.41 0.34 0.00	27.48 0.93 0.00	26.44 1.23 0.00	29.85 1.72 0.00	38.89 2.26 0.00	44.31 2.67 0.00	44.23 2.59 0.00	44.17 2.89 0.00	49.98 3.02 0.00	49.51 2.90 0.00	47.45 1.96 0.00	44.55 1.79 0.00	45.92 2.33 0.00	42.70 1.97 0.00	40.66 1.75 0.00	37.44 1.86 0.00	34.62 1.55 0.00
NEG_PENN_ALLEGHNY 23528	20.06 0.01 0.00	10.78 0.01 0.00	9.40 0.05 0.00	13.82 0.07 0.00	10.42 0.05 0.00	12.18 0.03 0.00	21.76 0.10 0.00	25.38 0.32 0.00	27.03 0.48 0.00	25.80 0.59 0.00	28.93 0.81 0.00	37.63 0.99 -0.01	42.92 1.27 -0.02	42.88 1.25 0.00	42.77 1.49 0.00	48.67 1.66 -0.04	48.29 1.69 0.00	46.71 1.22 0.00	43.92 1.17 0.00	44.82 1.24 0.00	41.77 1.04 0.00	39.91 1.00 0.00	36.50 0.92 0.00	33.80 0.73 0.00
NEG___GEN_MONROE 24207	18.43 -0.39 1.22	10.06 -0.09 0.61	9.34 0.00 0.00	13.62 -0.13 0.00	10.33 -0.04 0.00	12.00 -0.15 0.00	21.49 -0.17 0.00	25.44 0.37 0.00	27.34 0.79 0.00	26.19 0.98 0.00	29.53 1.40 0.00	38.57 1.94 0.00	44.08 2.44 0.00	44.09 2.46 0.00	44.03 2.75 0.00	50.36 3.40 0.00	50.12 3.52 0.00	48.24 2.75 0.00	45.19 2.44 0.00	46.34 2.75 0.00	43.18 2.45 0.00	41.08 2.18 0.00	37.71 2.13 0.00	34.79 1.72 0.00
NEPA___ENERGY 23901	16.74 -0.91 2.40	9.19 -0.37 1.20	9.15 -0.19 0.00	13.38 -0.38 0.00	10.13 -0.24 0.00	11.70 -0.45 0.00	21.05 -0.61 0.00	25.13 0.06 0.00	27.14 0.59 0.00	26.20 0.99 0.00	29.63 1.50 0.00	38.52 1.89 0.00	44.10 2.46 0.00	43.97 2.34 0.00	44.05 2.77 0.00	49.83 2.87 0.00	49.40 2.80 0.00	47.07 1.58 0.00	44.18 1.42 0.00	45.45 1.87 0.00	42.23 1.49 0.00	40.14 1.23 0.00	36.89 1.31 0.00	34.06 0.98 0.00

NEVERSINK___HYD 23608	20.72 0.67 0.00	11.11 0.35 0.00	9.61 0.27 0.00	14.14 0.39 0.00	10.67 0.30 0.00	12.54 0.38 0.00	22.30 0.64 0.00	25.82 0.75 0.00	27.33 0.78 0.00	25.26 0.05 0.00	28.31 0.18 0.00	36.75 0.12 0.00	41.61 -0.04 -0.01	41.68 0.05 0.00	42.51 0.30 -0.93	47.42 0.46 0.00	47.23 0.63 0.00	46.01 0.52 0.00	43.04 0.29 0.00	43.75 0.17 0.00	41.02 0.29 0.00	40.42 1.51 0.00	36.89 1.30 0.00	34.23 1.17 0.00
NEWKRMKL_115KV_TB1 55635	20.63 0.57 0.00	11.08 0.32 0.00	9.60 0.25 0.00	14.16 0.41 0.00	10.67 0.30 0.00	12.52 0.37 0.00	22.22 0.56 0.00	25.64 0.57 0.00	27.05 0.50 0.00	25.56 0.35 0.00	28.60 0.47 0.00	37.05 0.42 0.00	42.06 0.44 0.02	42.20 0.56 0.00	40.40 0.54 1.41	47.60 0.64 0.00	47.27 0.66 0.00	46.07 0.58 0.00	43.24 0.48 0.00	44.10 0.51 0.00	41.30 0.57 0.00	39.70 0.79 0.00	36.22 0.64 0.00	33.72 0.65 0.00
NEWTON___FALLS_HYD 23847	19.89 -0.16 0.00	10.64 -0.13 0.00	9.21 -0.13 0.00	13.51 -0.24 0.00	10.18 -0.19 0.00	12.00 -0.15 0.00	21.61 -0.05 0.00	25.12 0.05 0.00	26.71 0.16 0.00	25.41 0.19 0.00	27.80 -0.34 0.00	36.59 -0.05 -0.01	41.57 -0.08 -0.02	40.91 -0.72 0.00	40.24 -1.04 0.00	46.24 -0.76 -0.04	46.13 -0.48 0.00	45.88 0.40 0.00	43.58 0.82 0.00	44.79 1.21 0.00	41.70 0.96 0.00	39.70 0.80 0.00	35.83 0.25 0.00	33.04 -0.03 0.00
NGRID_A1_DSASP 323792	16.79 -1.37 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.59 -1.07 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.85 0.72 0.00	37.47 0.84 0.00	42.54 0.90 0.00	42.45 0.82 0.00	42.25 0.97 0.00	47.78 0.82 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.48 0.00	41.00 0.27 0.00	39.10 0.19 0.00	36.31 0.73 0.00	33.65 0.58 0.00
NGRID_A2_DSASP 323793	16.79 -1.37 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.59 -1.07 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.85 0.72 0.00	37.47 0.84 0.00	42.54 0.90 0.00	42.45 0.82 0.00	42.25 0.97 0.00	47.78 0.82 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.48 0.00	41.00 0.27 0.00	39.10 0.19 0.00	36.31 0.73 0.00	33.65 0.58 0.00
NGRID_A4_DSASP 323807	16.79 -1.37 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.59 -1.07 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.85 0.72 0.00	37.47 0.84 0.00	42.54 0.90 0.00	42.45 0.82 0.00	42.25 0.97 0.00	47.78 0.82 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.48 0.00	41.00 0.27 0.00	39.10 0.19 0.00	36.31 0.73 0.00	33.65 0.58 0.00
NIAGARA_115E_LBMP 323715	16.83 -1.31 1.91	9.32 -0.48 0.96	9.05 -0.30 0.00	13.09 -0.67 0.00	9.97 -0.40 0.00	11.47 -0.68 0.00	20.53 -1.13 0.00	24.56 -0.50 0.00	26.63 0.08 0.00	25.63 0.42 0.00	28.90 0.77 0.00	37.68 1.05 0.00	42.94 1.31 0.00	42.88 1.24 0.00	42.70 1.42 0.00	48.32 1.36 0.00	47.81 1.20 0.00	45.92 0.43 0.00	43.13 0.38 0.00	44.57 0.99 0.00	41.48 0.74 0.00	39.54 0.63 0.00	36.53 0.95 0.00	33.79 0.72 0.00
NIAGARA_115W_LBMP 323714	16.76 -1.40 1.89	9.28 -0.53 0.95	9.02 -0.32 0.00	13.12 -0.64 0.00	9.97 -0.40 0.00	11.49 -0.66 0.00	20.56 -1.10 0.00	24.47 -0.60 0.00	26.47 -0.08 0.00	25.47 0.26 0.00	28.73 0.60 0.00	37.30 0.67 0.00	42.41 0.77 0.00	42.32 0.69 0.00	42.13 0.85 0.00	47.63 0.67 0.00	47.11 0.51 0.00	45.24 -0.24 0.00	42.51 -0.24 0.00	43.93 0.35 0.00	40.87 0.14 0.00	38.98 0.08 0.00	36.23 0.65 0.00	33.56 0.50 0.00
NIAGARA_230_LBMP 323716	16.94 -1.27 1.84	9.37 -0.47 0.92	9.06 -0.28 0.00	13.14 -0.61 0.00	9.99 -0.38 0.00	11.52 -0.63 0.00	20.61 -1.05 0.00	24.61 -0.46 0.00	26.63 0.08 0.00	25.61 0.40 0.00	28.91 0.78 0.00	37.65 1.02 0.00	42.89 1.26 0.00	42.81 1.17 0.00	42.62 1.34 0.00	48.23 1.28 0.00	47.70 1.10 0.00	45.84 0.35 0.00	43.05 0.30 0.00	44.46 0.88 0.00	41.37 0.63 0.00	39.45 0.55 0.00	36.46 0.88 0.00	33.73 0.66 0.00
NIAGARA___115KV_198_GIBSON 55903	16.77 -1.38 1.89	9.29 -0.53 0.95	9.02 -0.32 0.00	13.11 -0.64 0.00	9.97 -0.40 0.00	11.49 -0.66 0.00	20.56 -1.10 0.00	24.47 -0.60 0.00	26.47 -0.08 0.00	25.47 0.26 0.00	28.72 0.59 0.00	37.29 0.66 0.00	42.39 0.76 0.00	42.30 0.67 0.00	42.13 0.85 0.00	47.63 0.67 0.00	47.11 0.50 0.00	45.24 -0.24 0.00	42.51 -0.25 0.00	43.93 0.35 0.00	40.88 0.14 0.00	38.98 0.07 0.00	36.22 0.64 0.00	33.57 0.50 0.00
NIAGARA____ 23760	16.91 -1.27 1.87	9.35 -0.47 0.94	9.06 -0.28 0.00	13.14 -0.61 0.00	9.99 -0.38 0.00	11.52 -0.63 0.00	20.61 -1.05 0.00	24.61 -0.46 0.00	26.63 0.08 0.00	25.61 0.40 0.00	28.91 0.78 0.00	37.65 1.02 0.00	42.89 1.26 0.00	42.81 1.17 0.00	42.62 1.34 0.00	48.23 1.28 0.00	47.70 1.10 0.00	45.84 0.35 0.00	43.05 0.30 0.00	44.46 0.88 0.00	41.37 0.63 0.00	39.45 0.55 0.00	36.46 0.88 0.00	33.73 0.66 0.00
NINE_MILE_1 23575	19.52 -0.53 0.00	10.50 -0.27 0.00	9.12 -0.22 0.00	13.41 -0.34 0.00	10.12 -0.25 0.00	11.84 -0.31 0.00	21.08 -0.58 0.00	24.41 -0.66 0.00	25.86 -0.68 0.00	24.61 -0.60 0.00	27.54 -0.58 0.00	35.69 -0.77 0.17	40.58 -0.82 0.24	40.84 -0.79 0.00	40.57 -0.71 0.00	45.48 -0.81 0.67	45.86 -0.75 0.00	44.67 -0.81 0.00	41.99 -0.76 0.00	42.84 -0.74 0.00	39.98 -0.76 0.00	38.19 -0.72 0.00	34.90 -0.68 0.00	32.37 -0.70 0.00
NINE_MILE_2 23744	19.52 -0.53 0.00	10.50 -0.27 0.00	9.12 -0.22 0.00	13.42 -0.34 0.00	10.12 -0.25 0.00	11.84 -0.31 0.00	21.08 -0.58 0.00	24.41 -0.66 0.00	25.86 -0.68 0.00	24.61 -0.60 0.00	27.54 -0.58 0.00	35.69 -0.77 0.17	40.57 -0.82 0.25	40.84 -0.79 0.00	40.57 -0.71 0.00	45.47 -0.81 0.68	45.86 -0.75 0.00	44.67 -0.81 0.00	41.99 -0.76 0.00	42.84 -0.74 0.00	39.98 -0.76 0.00	38.19 -0.72 0.00	34.90 -0.68 0.00	32.37 -0.70 0.00
NM_CAPITAL___DRP 24208	20.67 0.62 0.00	11.10 0.34 0.00	9.62 0.27 0.00	14.19 0.44 0.00	10.70 0.32 0.00	12.55 0.40 0.00	22.28 0.62 0.00	25.69 0.63 0.00	27.11 0.56 0.00	25.60 0.39 0.00	28.65 0.52 0.00	37.08 0.45 0.00	42.05 0.43 0.02	42.20 0.57 0.00	40.26 0.54 1.56	47.55 0.59 0.00	47.21 0.60 0.00	46.00 0.51 0.00	43.16 0.40 0.00	44.04 0.45 0.00	41.27 0.53 0.00	39.70 0.79 0.00	36.22 0.64 0.00	33.76 0.69 0.00
NM_CENTRAL___DRP 24181	19.87 -0.18 0.00	10.68 -0.08 0.00	9.29 -0.05 0.00	13.65 -0.10 0.00	10.30 -0.06 0.00	12.06 -0.09 0.00	21.50 -0.16 0.00	24.96 -0.10 0.00	26.50 -0.05 0.00	25.26 0.05 0.00	28.32 0.19 0.00	36.91 0.27 -0.02	42.08 0.42 -0.02	42.07 0.43 0.00	41.82 0.54 0.00	47.66 0.64 -0.07	47.34 0.74 0.00	46.08 0.59 0.00	43.32 0.57 0.00	44.16 0.57 0.00	41.16 0.43 0.00	39.30 0.39 0.00	35.87 0.29 0.00	33.27 0.20 0.00

NM_FRONTIER___DRP 24179	16.77 -1.38 1.89	9.29 -0.53 0.95	9.02 -0.32 0.00	13.11 -0.64 0.00	9.97 -0.40 0.00	11.49 -0.66 0.00	20.56 -1.10 0.00	24.47 -0.60 0.00	26.47 -0.08 0.00	25.47 0.26 0.00	28.72 0.59 0.00	37.29 0.66 0.00	42.39 0.76 0.00	42.30 0.67 0.00	42.13 0.85 0.00	47.63 0.67 0.00	47.11 0.50 0.00	45.24 -0.24 0.00	42.51 -0.25 0.00	43.93 0.35 0.00	40.88 0.14 0.00	38.98 0.07 0.00	36.22 0.64 0.00	33.57 0.50 0.00
NM_ST_REGIS___HYD 24053	19.85 -0.20 0.00	10.60 -0.16 0.00	9.23 -0.11 0.00	13.55 -0.20 0.00	10.19 -0.18 0.00	11.99 -0.17 0.00	21.56 -0.10 0.00	24.74 -0.33 0.00	26.24 -0.31 0.00	24.89 -0.32 0.00	27.39 -0.74 0.00	36.18 -0.45 0.00	41.08 -0.56 -0.01	40.49 -1.14 0.00	39.75 -1.54 0.00	45.49 -1.48 -0.02	45.24 -1.36 0.00	44.97 -0.52 0.00	42.57 -0.19 0.00	43.59 0.00 0.00	40.36 -0.38 0.00	38.16 -0.75 0.00	34.94 -0.64 0.00	32.66 -0.41 0.00
NORTHPORT___1 23551	21.29 1.24 0.00	11.49 0.73 0.00	9.95 0.61 0.00	14.58 0.83 0.00	11.02 0.65 0.00	12.84 0.69 0.00	22.55 0.89 0.00	26.18 1.12 0.00	27.86 1.32 0.00	26.55 1.34 0.00	44.69 1.95 -14.61	46.28 2.26 -7.40	46.25 2.23 -2.39	46.45 2.12 -2.69	46.46 2.22 -2.96	46.50 2.51 2.97	49.54 2.50 -0.43	56.71 2.19 -9.04	80.99 1.76 -36.47	52.63 1.50 -7.55	46.60 1.40 -4.47	46.68 1.74 -6.03	61.22 1.77 -23.87	43.52 1.96 -8.50
NORTHPORT___2 23552	21.29 1.24 0.00	11.49 0.73 0.00	9.95 0.61 0.00	14.58 0.83 0.00	11.02 0.65 0.00	12.84 0.69 0.00	22.55 0.89 0.00	26.18 1.12 0.00	27.86 1.32 0.00	26.55 1.34 0.00	44.69 1.95 -14.61	46.28 2.26 -7.40	46.25 2.23 -2.39	46.45 2.12 -2.69	46.46 2.22 -2.96	46.50 2.51 2.97	49.54 2.50 -0.43	56.71 2.19 -9.04	80.99 1.76 -36.47	52.63 1.50 -7.55	46.60 1.40 -4.47	46.68 1.74 -6.03	61.22 1.77 -23.87	43.52 1.96 -8.50
NORTHPORT___3 23553	21.24 1.19 0.00	11.46 0.70 0.00	9.92 0.57 0.00	14.54 0.78 0.00	10.98 0.61 0.00	12.81 0.66 0.00	22.50 0.84 0.00	26.06 0.99 0.00	27.73 1.18 0.00	26.43 1.22 0.00	44.55 1.81 -14.61	46.11 2.08 -7.40	46.10 2.08 -2.39	46.30 1.97 -2.70	46.26 2.01 -2.97	46.26 2.26 2.96	49.33 2.28 -0.44	56.47 1.94 -9.04	80.73 1.50 -36.47	52.37 1.23 -7.56	46.35 1.15 -4.47	46.42 1.47 -6.04	60.98 1.53 -23.87	43.27 1.70 -8.50
NORTHPORT___4 23650	21.24 1.19 0.00	11.46 0.70 0.00	9.92 0.57 0.00	14.54 0.78 0.00	10.98 0.61 0.00	12.81 0.66 0.00	22.50 0.84 0.00	26.06 0.99 0.00	27.73 1.18 0.00	26.43 1.22 0.00	44.55 1.81 -14.61	46.11 2.08 -7.40	46.10 2.08 -2.39	46.30 1.97 -2.70	46.26 2.01 -2.97	46.26 2.26 2.96	49.33 2.28 -0.44	56.47 1.94 -9.04	80.73 1.50 -36.47	52.37 1.23 -7.56	46.35 1.15 -4.47	46.42 1.47 -6.04	60.98 1.53 -23.87	43.27 1.70 -8.50
NORTHPORT___IC 23718	21.29 1.24 0.00	11.49 0.73 0.00	9.95 0.61 0.00	14.58 0.83 0.00	11.02 0.65 0.00	12.84 0.69 0.00	22.55 0.89 0.00	26.18 1.11 0.00	27.86 1.32 0.00	26.55 1.34 0.00	44.69 1.95 -14.61	46.27 2.24 -7.40	46.25 2.23 -2.39	46.45 2.13 -2.69	46.46 2.22 -2.96	46.50 2.51 2.97	49.54 2.50 -0.43	56.72 2.19 -9.04	80.98 1.76 -36.47	52.63 1.50 -7.55	46.60 1.40 -4.47	46.68 1.75 -6.03	61.22 1.77 -23.87	43.52 1.96 -8.49
NORTH___COUNTRY_ESR 323785	19.75 -0.30 0.00	10.53 -0.23 0.00	9.13 -0.21 0.00	13.40 -0.35 0.00	10.12 -0.25 0.00	11.86 -0.29 0.00	21.33 -0.33 0.00	24.59 -0.48 0.00	26.09 -0.46 0.00	24.70 -0.51 0.00	27.62 -0.51 0.00	36.31 -0.32 0.00	41.46 -0.17 0.00	41.18 -0.45 0.00	40.57 -0.71 0.00	46.18 -0.78 0.00	46.09 -0.52 0.00	45.63 0.15 0.00	43.18 0.42 0.00	44.03 0.44 0.00	40.60 -0.13 0.00	37.90 -1.01 0.00	34.65 -0.93 0.00	32.53 -0.53 0.00
NPX_GEN_1385_PROXY 323591	20.78 0.73 0.00	11.25 0.51 0.03	9.84 0.50 0.00	14.47 0.72 0.00	10.97 0.59 0.00	12.10 0.45 0.51	22.06 0.40 0.00	25.74 0.68 0.00	27.34 0.79 0.00	25.89 0.68 0.00	43.90 1.16 -14.61	45.26 1.23 -7.40	14.95 0.95 27.63	45.29 0.96 -2.69	45.30 1.06 -2.96	45.20 1.21 2.97	47.27 1.59 0.93	56.03 1.50 -9.04	80.47 1.25 -36.47	-1.54 0.84 45.96	26.44 0.77 15.07	18.85 1.15 21.20	44.62 1.23 -7.81	34.74 1.46 -0.21
NPX_GEN_CSC 323557	21.40 1.35 0.00	11.50 0.76 0.03	9.97 0.62 0.00	14.61 0.86 0.00	11.06 0.69 0.00	12.37 0.72 0.51	22.66 1.00 0.00	26.32 1.25 0.00	28.04 1.49 0.00	26.76 1.55 0.00	44.89 2.15 -14.61	46.64 2.61 -7.40	46.77 2.74 -2.39	49.72 2.73 -5.36	66.97 2.95 -22.74	56.66 3.45 -6.25	57.56 3.52 -7.43	80.14 3.21 -31.44	81.99 2.76 -36.47	65.77 2.53 -19.65	60.55 2.30 -17.52	63.10 2.52 -21.67	61.79 2.34 -23.87	43.87 2.31 -8.50
NSINS_S_GLNS_FALLS 23858	21.65 1.60 0.00	11.57 0.81 0.00	10.00 0.65 0.00	14.76 1.01 0.00	11.16 0.79 0.00	13.15 1.00 0.00	23.51 1.85 0.00	27.15 2.09 0.00	28.49 1.94 0.00	26.71 1.50 0.00	29.60 1.47 0.00	38.20 1.58 0.00	43.67 2.05 0.02	43.75 2.12 0.00	41.70 1.99 1.57	49.37 2.41 0.00	48.90 2.29 0.00	47.85 2.36 0.00	44.98 2.23 0.00	45.78 2.19 0.00	43.27 2.53 0.00	41.64 2.73 0.00	38.12 2.53 0.00	35.40 2.34 0.00
NUCOR_STEEL___DRP 24197	20.78 0.03 -0.70	11.16 0.04 -0.35	9.37 0.03 0.00	13.80 0.04 0.00	10.44 0.07 0.00	12.20 0.05 0.00	21.70 0.04 0.00	25.32 0.25 0.00	26.94 0.39 0.00	25.65 0.44 0.00	28.73 0.60 0.00	37.48 0.82 -0.03	42.50 0.83 -0.04	42.69 1.05 0.00	42.53 1.25 0.00	48.31 1.24 -0.11	48.12 1.51 0.00	46.89 1.40 0.00	44.20 1.44 0.00	44.83 1.25 0.00	41.76 1.03 0.00	39.88 0.97 0.00	36.53 0.95 0.00	33.68 0.61 0.00
NUMBER_THREE_WT_PWR 323818	19.85 -0.20 0.00	10.60 -0.17 0.00	9.10 -0.24 0.00	13.38 -0.37 0.00	10.11 -0.26 0.00	11.94 -0.21 0.00	21.52 -0.14 0.00	25.40 0.33 0.00	27.10 0.55 0.00	25.84 0.63 0.00	28.27 0.14 0.00	37.10 0.46 -0.01	42.24 0.59 -0.02	41.58 -0.06 0.00	40.98 -0.30 0.00	47.22 0.21 -0.05	47.27 0.66 0.00	47.06 1.57 0.00	44.79 2.04 0.00	46.13 2.55 0.00	43.08 2.34 0.00	41.08 2.17 0.00	36.50 0.92 0.00	33.26 0.19 0.00
NYISO_LBMP_REFERENCE 24008	20.05 0.00 0.00	10.76 0.00 0.00	9.34 0.00 0.00	13.75 0.00 0.00	10.37 0.00 0.00	12.15 0.00 0.00	21.66 0.00 0.00	25.07 0.00 0.00	26.55 0.00 0.00	25.21 0.00 0.00	28.13 0.00 0.00	36.63 0.00 0.00	41.64 0.00 0.00	41.63 0.00 0.00	41.28 0.00 0.00	46.96 0.00 0.00	46.61 0.00 0.00	45.49 0.00 0.00	42.75 0.00 0.00	43.59 0.00 0.00	40.74 0.00 0.00	38.91 0.00 0.00	35.58 0.00 0.00	33.07 0.00 0.00
NYPA_BRENTWD____GT 24164	21.57 1.52 0.00	11.63 0.87 0.00	10.06 0.72 0.00	14.75 0.99 0.00	11.14 0.77 0.00	12.99 0.84 0.00	22.86 1.20 0.00	26.57 1.50 0.00	28.31 1.76 0.00	26.98 1.77 0.00	45.17 2.43 -14.61	46.97 2.94 -7.40	47.12 3.10 -2.39	49.98 3.05 -5.30	66.82 3.19 -22.35	56.49 3.46 -6.07	58.47 3.24 -8.63	79.40 2.91 -30.99	81.66 2.44 -36.47	65.17 2.19 -19.39	60.05 2.05 -17.26	62.82 2.55 -21.36	62.00 2.55 -23.87	44.13 2.57 -8.50

NYPA_GOWANUS____GT5 24156	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.24 2.75 0.00	44.83 2.07 0.00	45.44 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NYPA_GOWANUS____GT6 24157	21.22 1.18 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.21 1.66 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.43 2.80 0.00	45.86 2.94 -1.63	50.19 3.24 0.00	49.81 3.21 0.00	48.24 2.75 0.00	44.83 2.07 0.00	45.44 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00
NYPA_HARLEM__RVR__GT1 24160	21.23 1.18 -0.01	11.41 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.35 1.29 0.00	28.14 1.59 0.00	26.75 1.53 0.00	30.06 1.93 0.00	38.95 2.32 0.01	44.12 2.46 -0.02	44.08 2.45 0.00	45.47 2.56 -1.63	49.63 2.68 0.00	49.24 2.64 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.11 1.52 0.00	42.31 1.57 0.00	40.78 1.87 0.00	37.41 1.83 0.00	34.82 1.76 0.00
NYPA_HARLEM__RVR__GT2 24161	21.23 1.18 -0.01	11.41 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.35 1.29 0.00	28.14 1.59 0.00	26.75 1.53 0.00	30.06 1.93 0.00	38.95 2.32 0.01	44.12 2.46 -0.02	44.08 2.45 0.00	45.47 2.56 -1.63	49.63 2.68 0.00	49.24 2.64 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.11 1.52 0.00	42.31 1.57 0.00	40.78 1.87 0.00	37.41 1.83 0.00	34.82 1.76 0.00
NYPA_KENT____GT 24152	21.22 1.18 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.49 0.74 0.00	10.93 0.57 0.00	12.86 0.71 0.00	22.79 1.13 0.00	26.41 1.35 0.00	28.21 1.66 0.00	26.83 1.62 0.00	30.19 2.06 0.00	39.17 2.54 0.00	44.33 2.67 -0.02	44.37 2.74 0.00	45.79 2.87 -1.63	50.10 3.14 0.00	49.69 3.08 0.00	48.10 2.62 0.00	44.74 1.98 0.00	45.36 1.78 0.00	42.54 1.81 0.00	40.99 2.09 0.00	37.56 1.98 0.00	34.93 1.86 0.00
NYPA_POUCH1____GT 24155	21.15 1.10 0.00	11.36 0.59 0.00	9.80 0.46 0.00	14.43 0.67 0.00	10.88 0.51 0.00	12.80 0.65 0.00	22.68 1.02 0.00	26.29 1.23 0.00	28.10 1.55 0.00	26.72 1.50 0.00	30.09 1.95 0.00	39.07 2.44 0.00	44.15 2.49 -0.02	44.28 2.64 0.00	45.69 2.77 -1.63	50.01 3.06 0.00	49.64 3.03 0.00	48.09 2.60 0.00	44.63 1.88 0.00	45.21 1.63 0.00	42.41 1.67 0.00	40.90 1.99 0.00	37.50 1.92 0.00	34.87 1.80 0.00
NYPA_VERNON____GT2 24162	21.22 1.17 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.84 1.63 0.00	30.18 2.05 0.00	39.14 2.51 0.00	44.31 2.65 -0.02	44.30 2.66 0.00	45.73 2.82 -1.63	50.01 3.05 0.00	49.62 3.01 0.00	48.02 2.53 0.00	44.69 1.93 0.00	45.29 1.70 0.00	42.46 1.73 0.00	40.91 2.00 0.00	37.49 1.91 0.00	34.88 1.81 0.00
NYPA_VERNON____GT3 24163	21.22 1.17 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.84 1.63 0.00	30.18 2.05 0.00	39.14 2.51 0.00	44.31 2.65 -0.02	44.30 2.66 0.00	45.73 2.82 -1.63	50.01 3.05 0.00	49.62 3.01 0.00	48.02 2.53 0.00	44.69 1.93 0.00	45.29 1.70 0.00	42.46 1.73 0.00	40.91 2.00 0.00	37.49 1.91 0.00	34.88 1.81 0.00
NYPA__ASTORIA_CC1 323568	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.10 1.97 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.19 2.56 0.00	45.61 2.70 -1.63	49.87 2.91 0.00	49.48 2.88 0.00	47.89 2.40 0.00	44.59 1.84 0.00	45.19 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
NYPA__ASTORIA_CC2 323569	21.19 1.14 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.57 0.00	12.86 0.71 0.00	22.76 1.10 0.00	26.37 1.31 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.10 1.97 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.19 2.56 0.00	45.61 2.70 -1.63	49.87 2.91 0.00	49.48 2.88 0.00	47.89 2.40 0.00	44.59 1.84 0.00	45.19 1.60 0.00	42.36 1.63 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.73 0.00
NYPA__HOLTSVILL 23794	21.50 1.45 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.94 0.79 0.00	22.75 1.10 0.00	26.42 1.35 0.00	28.14 1.59 0.00	26.84 1.63 0.00	44.98 2.25 -14.61	46.74 2.71 -7.40	46.87 2.85 -2.39	49.79 2.79 -5.37	67.06 2.97 -22.81	56.64 3.40 -6.28	58.85 3.42 -8.83	80.07 3.05 -31.52	81.81 2.58 -36.47	65.65 2.37 -19.70	60.49 2.18 -17.57	63.07 2.42 -21.73	61.77 2.32 -23.87	43.91 2.34 -8.50
NYPA____HELLGATE_GT1 24158	21.23 1.18 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.35 1.29 0.00	28.14 1.59 0.00	26.75 1.53 0.00	30.06 1.93 0.00	38.95 2.32 0.01	44.12 2.46 -0.02	44.07 2.44 0.00	45.47 2.56 -1.63	49.63 2.68 0.00	49.24 2.64 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.11 1.52 0.00	42.31 1.57 0.00	40.80 1.89 0.00	37.41 1.83 0.00	34.82 1.76 0.00
NYPA____HELLGATE_GT2 24159	21.23 1.18 0.00	11.40 0.64 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.86 0.71 0.00	22.78 1.12 0.00	26.35 1.29 0.00	28.14 1.59 0.00	26.75 1.53 0.00	30.06 1.93 0.00	38.95 2.32 0.01	44.12 2.46 -0.02	44.07 2.44 0.00	45.47 2.56 -1.63	49.63 2.68 0.00	49.24 2.64 0.00	47.72 2.23 0.00	44.46 1.70 0.00	45.11 1.52 0.00	42.31 1.57 0.00	40.80 1.89 0.00	37.41 1.83 0.00	34.82 1.76 0.00
NYS_BARGE__HYD 23848	17.20 -1.03 1.82	9.51 -0.34 0.91	9.17 -0.17 0.00	13.29 -0.47 0.00	10.11 -0.26 0.00	11.65 -0.50 0.00	20.89 -0.77 0.00	25.00 -0.07 0.00	27.08 0.53 0.00	26.07 0.85 0.00	29.42 1.29 0.00	38.35 1.73 0.00	43.75 2.11 0.00	43.71 2.07 0.00	43.55 2.27 0.00	49.29 2.34 0.00	48.81 2.20 0.00	46.91 1.42 0.00	44.06 1.30 0.00	45.50 1.91 0.00	42.34 1.60 0.00	40.35 1.44 0.00	37.22 1.64 0.00	34.38 1.31 0.00
OAK ORCHARD__HYD 24046	18.34 -0.52 1.19	10.00 -0.16 0.60	9.27 -0.07 0.00	13.54 -0.22 0.00	10.26 -0.11 0.00	11.92 -0.23 0.00	21.33 -0.33 0.00	25.20 0.13 0.00	27.04 0.50 0.00	25.93 0.72 0.00	29.25 1.12 0.00	38.20 1.57 0.00	43.61 1.98 0.00	43.64 2.00 0.00	43.51 2.23 0.00	49.49 2.53 0.00	49.12 2.51 0.00	47.47 1.98 0.00	44.55 1.80 0.00	45.65 2.06 0.00	42.46 1.73 0.00	40.45 1.54 0.00	37.07 1.49 0.00	34.22 1.15 0.00

OAKDALE___35_KV_LOAD 356122	20.01 -0.04 0.00	10.76 -0.01 0.00	9.37 0.03 0.00	13.79 0.03 0.00	10.40 0.03 0.00	12.16 0.00 0.00	21.70 0.04 0.00	25.29 0.22 0.00	26.93 0.38 0.00	25.69 0.48 0.00	28.82 0.69 0.00	37.47 0.83 -0.01	42.70 1.05 -0.02	42.67 1.03 0.00	42.54 1.25 0.00	48.38 1.38 -0.04	47.99 1.38 0.00	46.41 0.93 0.00	43.62 0.87 0.00	44.52 0.94 0.00	41.52 0.78 0.00	39.67 0.77 0.00	36.31 0.73 0.00	33.64 0.57 0.00
OCC_CHEM___DRP 24175	16.80 -1.35 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.60 -1.06 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.84 0.70 0.00	37.47 0.84 0.00	42.52 0.88 0.00	42.43 0.80 0.00	42.26 0.98 0.00	47.77 0.81 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.49 0.00	41.00 0.27 0.00	39.10 0.20 0.00	36.31 0.74 0.00	33.64 0.57 0.00
OH_GEN_PROXY 24063	16.96 -1.25 1.84	9.34 -0.48 0.94	9.06 -0.29 0.00	13.15 -0.60 0.00	9.99 -0.38 0.00	11.02 -0.63 0.51	20.64 -1.02 0.00	24.64 -0.43 0.00	-17.76 0.11 44.42	25.63 0.42 0.00	-171.05 0.80 199.98	37.68 1.05 0.00	42.93 1.30 0.00	42.83 1.19 0.00	42.65 1.37 0.00	48.28 1.32 0.00	46.39 1.15 1.36	45.87 0.39 0.00	43.08 0.33 0.00	0.59 0.90 43.90	41.40 0.67 0.00	39.47 0.56 0.00	36.46 0.88 0.00	33.72 0.65 0.00
OLIN_CORP_DRP 24177	16.84 -1.28 1.94	9.32 -0.47 0.97	9.06 -0.29 0.00	13.11 -0.65 0.00	9.98 -0.39 0.00	11.49 -0.66 0.00	20.57 -1.09 0.00	24.60 -0.47 0.00	26.66 0.11 0.00	25.66 0.45 0.00	28.93 0.80 0.00	37.72 1.09 0.00	42.97 1.34 0.00	42.92 1.29 0.00	42.75 1.47 0.00	48.37 1.41 0.00	47.86 1.25 0.00	45.98 0.49 0.00	43.19 0.44 0.00	44.62 1.04 0.00	41.52 0.79 0.00	39.59 0.68 0.00	36.57 0.99 0.00	33.83 0.76 0.00
OLIN_CORP_DSASP 323712	16.79 -1.37 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.59 -1.07 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.85 0.72 0.00	37.47 0.84 0.00	42.54 0.90 0.00	42.45 0.82 0.00	42.25 0.97 0.00	47.78 0.82 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.48 0.00	41.00 0.27 0.00	39.10 0.19 0.00	36.31 0.73 0.00	33.65 0.58 0.00
ONEIDA_HERK_LFGE 323681	20.21 0.16 0.00	10.82 0.06 0.00	9.35 0.01 0.00	13.76 0.01 0.00	10.39 0.02 0.00	12.23 0.08 0.00	21.91 0.25 0.00	25.58 0.52 0.00	27.18 0.63 0.00	25.85 0.64 0.00	28.65 0.52 0.00	37.42 0.79 -0.01	42.59 0.95 -0.01	42.40 0.76 0.00	41.97 0.69 0.00	48.05 1.07 -0.03	47.95 1.34 0.00	47.18 1.69 0.00	44.65 1.90 0.00	45.77 2.18 0.00	42.76 2.02 0.00	40.82 1.91 0.00	36.80 1.22 0.00	33.85 0.78 0.00
ONEIDA___115KV_TB4 55905	20.42 0.37 0.00	10.96 0.20 0.00	9.51 0.16 0.00	13.99 0.23 0.00	10.56 0.19 0.00	12.39 0.24 0.00	22.16 0.50 0.00	25.74 0.68 0.00	27.31 0.76 0.00	25.96 0.75 0.00	28.98 0.84 0.00	37.82 1.18 -0.01	43.08 1.43 -0.01	43.15 1.51 0.00	42.88 1.60 0.00	48.92 1.92 -0.04	48.72 2.11 0.00	47.61 2.12 0.00	44.97 2.22 0.00	46.06 2.47 0.00	43.00 2.26 0.00	41.03 2.12 0.00	37.26 1.68 0.00	34.40 1.33 0.00
ONONDAGA_REF_OCCRA 23987	19.95 -0.10 0.00	10.73 -0.04 0.00	9.33 -0.02 0.00	13.71 -0.05 0.00	10.35 -0.02 0.00	12.10 -0.05 0.00	21.58 -0.08 0.00	25.06 -0.01 0.00	26.61 0.06 0.00	25.36 0.15 0.00	28.44 0.30 0.00	37.07 0.42 -0.02	42.29 0.63 -0.03	42.29 0.65 0.00	42.06 0.78 0.00	47.96 0.92 -0.08	47.64 1.04 0.00	46.38 0.89 0.00	43.61 0.85 0.00	44.41 0.83 0.00	41.38 0.64 0.00	39.50 0.59 0.00	36.05 0.47 0.00	33.42 0.35 0.00
ONONDAGA___COGEN 23986	19.96 -0.08 0.00	10.74 -0.02 0.00	9.33 -0.01 0.00	13.71 -0.04 0.00	10.36 0.00 0.00	12.12 -0.04 0.00	21.59 -0.07 0.00	25.08 0.02 0.00	26.62 0.07 0.00	25.36 0.15 0.00	28.41 0.28 0.00	37.04 0.38 -0.03	42.23 0.55 -0.04	42.24 0.61 0.00	42.02 0.74 0.00	47.91 0.83 -0.12	47.58 0.97 0.00	46.34 0.85 0.00	43.57 0.81 0.00	44.34 0.75 0.00	41.32 0.59 0.00	39.45 0.54 0.00	36.03 0.44 0.00	33.36 0.29 0.00
ONTARIO___LFGE 23819	17.67 -0.28 2.10	9.62 -0.10 1.05	9.32 -0.02 0.00	13.67 -0.09 0.00	10.33 -0.04 0.00	12.06 -0.09 0.00	21.60 -0.06 0.00	25.40 0.34 0.00	27.17 0.62 0.00	26.00 0.78 0.00	29.17 1.04 0.00	38.10 1.46 -0.01	43.53 1.88 -0.01	43.51 1.88 0.00	43.43 2.15 0.00	49.43 2.43 -0.04	49.27 2.66 0.00	47.94 2.45 0.00	44.94 2.19 0.00	45.83 2.25 0.00	42.61 1.87 0.00	40.59 1.68 0.00	37.03 1.45 0.00	34.15 1.09 0.00
ORANGEVILLE_WT_PWR 323706	15.94 -1.24 2.87	8.81 -0.52 1.44	9.03 -0.31 0.00	13.16 -0.59 0.00	9.98 -0.39 0.00	11.57 -0.58 0.00	20.84 -0.82 0.00	24.89 -0.18 0.00	27.00 0.45 0.00	26.03 0.82 0.00	29.36 1.23 0.00	38.32 1.69 0.00	43.74 2.11 0.00	43.72 2.09 0.00	43.56 2.28 0.00	49.29 2.33 0.00	48.86 2.25 0.00	47.02 1.53 0.00	43.89 1.13 0.00	45.20 1.62 0.00	41.94 1.21 0.00	39.95 1.04 0.00	36.59 1.01 0.00	33.77 0.70 0.00
ORANGEVILLE___ESR 323794	15.94 -1.24 2.87	8.81 -0.52 1.44	9.03 -0.31 0.00	13.16 -0.59 0.00	9.98 -0.39 0.00	11.57 -0.58 0.00	20.84 -0.82 0.00	24.89 -0.18 0.00	27.00 0.45 0.00	26.03 0.82 0.00	29.36 1.23 0.00	38.32 1.69 0.00	43.74 2.11 0.00	43.72 2.09 0.00	43.56 2.28 0.00	49.29 2.33 0.00	48.86 2.25 0.00	47.02 1.53 0.00	43.89 1.13 0.00	45.20 1.62 0.00	41.94 1.21 0.00	39.95 1.04 0.00	36.59 1.01 0.00	33.77 0.70 0.00
OSWEGATCHIE___HYD 24044	19.89 -0.16 0.00	10.64 -0.13 0.00	9.21 -0.13 0.00	13.51 -0.24 0.00	10.18 -0.19 0.00	12.00 -0.15 0.00	21.61 -0.05 0.00	25.12 0.05 0.00	26.71 0.16 0.00	25.41 0.20 0.00	27.80 -0.34 0.00	36.59 -0.05 -0.01	41.57 -0.08 -0.02	40.91 -0.72 0.00	40.24 -1.04 0.00	46.24 -0.76 -0.04	46.13 -0.48 0.00	45.88 0.40 0.00	43.58 0.82 0.00	44.79 1.21 0.00	41.70 0.96 0.00	39.70 0.79 0.00	35.83 0.25 0.00	33.04 -0.03 0.00
OSWEGO___5 23606	19.64 -0.41 0.00	10.56 -0.20 0.00	9.18 -0.16 0.00	13.50 -0.26 0.00	10.19 -0.19 0.00	11.91 -0.24 0.00	21.22 -0.44 0.00	24.61 -0.46 0.00	26.09 -0.46 0.00	24.83 -0.38 0.00	27.80 -0.33 0.00	36.32 -0.44 -0.13	41.38 -0.44 -0.18	41.21 -0.43 0.00	40.94 -0.34 0.00	47.06 -0.39 -0.50	46.28 -0.33 0.00	45.07 -0.41 0.00	42.38 -0.37 0.00	43.23 -0.35 0.00	40.34 -0.40 0.00	38.52 -0.38 0.00	35.22 -0.36 0.00	32.66 -0.41 0.00
OSWEGO___6 23613	19.64 -0.41 0.00	10.56 -0.20 0.00	9.18 -0.16 0.00	13.50 -0.26 0.00	10.19 -0.19 0.00	11.91 -0.24 0.00	21.22 -0.44 0.00	24.61 -0.46 0.00	26.09 -0.46 0.00	24.83 -0.38 0.00	27.80 -0.33 0.00	36.32 -0.44 -0.13	41.38 -0.44 -0.18	41.21 -0.43 0.00	40.94 -0.34 0.00	47.06 -0.39 -0.50	46.28 -0.33 0.00	45.07 -0.41 0.00	42.38 -0.37 0.00	43.23 -0.35 0.00	40.34 -0.40 0.00	38.52 -0.38 0.00	35.22 -0.36 0.00	32.66 -0.41 0.00

OUTOKUMPU-AB___DRP 24206	17.17 -0.91 1.97	9.49 -0.29 0.99	9.23 -0.12 0.00	13.39 -0.36 0.00	10.19 -0.19 0.00	11.74 -0.41 0.00	21.08 -0.58 0.00	25.17 0.11 0.00	27.31 0.76 0.00	26.32 1.11 0.00	29.72 1.59 0.00	38.73 2.10 0.00	44.10 2.46 0.00	44.06 2.43 0.00	43.82 2.53 0.00	49.52 2.56 0.00	48.99 2.39 0.00	47.04 1.55 0.00	44.22 1.46 0.00	45.68 2.09 0.00	42.47 1.73 0.00	40.46 1.56 0.00	37.35 1.77 0.00	34.52 1.45 0.00
OXBOW___BTM 323836	17.00 -1.11 1.94	9.40 -0.39 0.97	9.15 -0.20 0.00	13.28 -0.47 0.00	10.10 -0.27 0.00	11.64 -0.51 0.00	20.87 -0.79 0.00	24.90 -0.17 0.00	26.99 0.45 0.00	26.01 0.79 0.00	29.37 1.24 0.00	38.21 1.59 0.00	43.46 1.83 0.00	43.41 1.78 0.00	43.18 1.90 0.00	48.80 1.84 0.00	48.29 1.68 0.00	46.37 0.88 0.00	43.58 0.82 0.00	45.03 1.44 0.00	41.88 1.14 0.00	39.91 1.01 0.00	36.95 1.37 0.00	34.18 1.11 0.00
OXBOW___ 24026	17.02 -1.09 1.94	9.41 -0.38 0.97	9.15 -0.20 0.00	13.28 -0.47 0.00	10.10 -0.27 0.00	11.64 -0.51 0.00	20.87 -0.79 0.00	24.90 -0.17 0.00	27.00 0.45 0.00	26.01 0.79 0.00	29.36 1.23 0.00	38.21 1.58 0.00	43.44 1.81 0.00	43.38 1.75 0.00	43.18 1.90 0.00	48.80 1.84 0.00	48.29 1.68 0.00	46.37 0.88 0.00	43.58 0.82 0.00	45.03 1.44 0.00	41.88 1.15 0.00	39.91 1.00 0.00	36.95 1.36 0.00	34.18 1.11 0.00
OXY_CHEM_DSASP 323612	16.80 -1.35 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.60 -1.06 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.84 0.70 0.00	37.47 0.84 0.00	42.52 0.88 0.00	42.43 0.80 0.00	42.26 0.98 0.00	47.77 0.81 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.49 0.00	41.00 0.27 0.00	39.10 0.20 0.00	36.31 0.74 0.00	33.64 0.57 0.00
OZONE_PARK_ESR 323760	21.40 1.35 0.00	11.50 0.74 0.00	9.94 0.59 0.00	14.62 0.87 0.00	11.03 0.66 0.00	12.97 0.82 0.00	23.00 1.35 0.00	26.65 1.58 0.00	28.46 1.91 0.00	27.07 1.86 0.00	30.45 2.32 0.00	39.50 2.87 0.00	44.72 3.06 -0.02	44.70 3.06 0.00	46.18 3.27 -1.63	50.57 3.61 0.00	50.23 3.63 0.00	48.62 3.14 0.00	45.26 2.50 0.00	45.87 2.28 0.00	42.97 2.24 0.00	41.35 2.44 0.00	37.86 2.28 0.00	35.23 2.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.80 -1.35 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.60 -1.06 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.84 0.70 0.00	37.47 0.84 0.00	42.52 0.88 0.00	42.43 0.80 0.00	42.26 0.98 0.00	47.77 0.81 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.49 0.00	41.00 0.27 0.00	39.10 0.20 0.00	36.31 0.74 0.00	33.64 0.57 0.00
PACKARD___115KV_DUPONT_184 80571	16.80 -1.35 1.90	9.30 -0.51 0.95	9.04 -0.31 0.00	13.13 -0.62 0.00	9.99 -0.38 0.00	11.50 -0.65 0.00	20.60 -1.06 0.00	24.53 -0.54 0.00	26.57 0.02 0.00	25.56 0.35 0.00	28.84 0.70 0.00	37.47 0.84 0.00	42.52 0.88 0.00	42.43 0.80 0.00	42.26 0.98 0.00	47.77 0.81 0.00	47.25 0.64 0.00	45.38 -0.11 0.00	42.64 -0.12 0.00	44.07 0.49 0.00	41.00 0.27 0.00	39.10 0.20 0.00	36.31 0.74 0.00	33.64 0.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.16 1.10 0.00	11.36 0.60 0.00	9.81 0.47 0.00	14.44 0.69 0.00	10.90 0.53 0.00	12.82 0.67 0.00	22.70 1.04 0.00	26.29 1.22 0.00	28.05 1.50 0.00	26.66 1.45 0.00	29.97 1.84 0.00	38.83 2.20 0.00	44.01 2.36 -0.02	44.00 2.37 0.00	45.41 2.49 -1.63	49.65 2.69 0.00	49.29 2.69 0.00	47.79 2.31 0.00	44.53 1.78 0.00	45.19 1.61 0.00	42.37 1.64 0.00	40.81 1.90 0.00	37.35 1.77 0.00	34.73 1.66 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.16 1.11 0.00	11.37 0.60 0.00	9.81 0.47 0.00	14.45 0.69 0.00	10.90 0.53 0.00	12.82 0.67 0.00	22.72 1.06 0.00	26.35 1.28 0.00	28.09 1.54 0.00	26.69 1.48 0.00	29.98 1.85 0.00	38.84 2.21 0.00	44.04 2.39 -0.02	44.04 2.40 0.00	45.44 2.53 -1.63	49.69 2.73 0.00	49.39 2.78 0.00	47.90 2.42 0.00	44.67 1.91 0.00	45.36 1.78 0.00	42.47 1.74 0.00	40.91 2.00 0.00	37.47 1.89 0.00	34.86 1.79 0.00
PATROON___115KV_TB1 80586	20.68 0.64 0.00	11.11 0.35 0.00	9.62 0.28 0.00	14.20 0.45 0.00	10.70 0.32 0.00	12.56 0.40 0.00	22.29 0.63 0.00	25.72 0.65 0.00	27.14 0.59 0.00	25.66 0.45 0.00	28.72 0.59 0.00	37.19 0.56 0.00	42.24 0.62 0.02	42.37 0.74 0.00	40.54 0.71 1.45	47.79 0.83 0.00	47.48 0.87 0.00	46.28 0.79 0.00	43.43 0.68 0.00	44.29 0.71 0.00	41.48 0.75 0.00	39.88 0.97 0.00	36.37 0.79 0.00	33.86 0.79 0.00
PATTRSNVILLE___SOLAR 323815	20.80 0.75 0.00	11.16 0.40 0.00	9.67 0.33 0.00	14.26 0.50 0.00	10.75 0.38 0.00	12.63 0.48 0.00	22.46 0.79 0.00	25.87 0.80 0.00	27.34 0.79 0.00	25.84 0.63 0.00	28.87 0.74 0.00	37.51 0.88 0.00	42.70 1.08 0.01	42.83 1.20 0.00	41.14 1.06 1.19	48.28 1.32 0.00	47.99 1.39 0.00	46.91 1.42 0.00	44.19 1.44 0.00	45.13 1.55 0.00	42.30 1.57 0.00	40.54 1.63 0.00	37.02 1.44 0.00	34.40 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.12 -0.64 2.29	9.44 -0.18 1.15	9.30 -0.05 0.00	13.52 -0.24 0.00	10.26 -0.11 0.00	11.86 -0.29 0.00	21.30 -0.37 0.00	25.45 0.38 0.00	27.58 1.03 0.00	26.57 1.36 0.00	30.01 1.88 0.00	39.11 2.48 0.00	44.61 2.97 0.00	44.56 2.92 0.00	44.49 3.21 0.00	50.35 3.39 0.00	49.87 3.26 0.00	47.82 2.33 0.00	44.90 2.15 0.00	46.31 2.73 0.00	43.04 2.31 0.00	40.97 2.07 0.00	37.72 2.14 0.00	34.83 1.76 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.25 1.20 0.00	11.40 0.64 0.00	9.85 0.51 0.00	14.50 0.75 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.86 1.20 0.00	26.45 1.39 0.00	28.18 1.63 0.00	26.76 1.55 0.00	30.08 1.95 0.00	39.01 2.38 0.00	44.24 2.58 -0.02	44.30 2.67 0.00	45.58 2.89 -1.42	50.26 3.30 0.00	49.99 3.39 0.00	48.52 3.03 0.00	45.29 2.54 0.00	45.95 2.36 0.00	42.92 2.18 0.00	41.21 2.30 0.00	37.64 2.06 0.00	34.98 1.91 0.00
PEEKSKILL___ 23653	21.06 1.01 0.00	11.31 0.55 0.00	9.77 0.43 0.00	14.39 0.63 0.00	10.85 0.48 0.00	12.75 0.60 0.00	22.62 0.95 0.00	26.17 1.11 0.00	27.88 1.33 0.00	26.49 1.28 0.00	29.77 1.64 0.00	38.60 1.97 0.00	43.73 2.08 -0.02	43.72 2.09 0.00	45.13 2.25 -1.60	49.48 2.52 0.00	49.17 2.56 0.00	47.67 2.18 0.00	44.44 1.69 0.00	45.08 1.50 0.00	42.17 1.43 0.00	40.54 1.64 0.00	37.08 1.50 0.00	34.54 1.47 0.00
PGE MADISON___WINDPWR 24146	23.81 0.64 -3.13	12.57 0.24 -1.57	9.63 0.29 0.00	14.13 0.38 0.00	10.67 0.30 0.00	12.59 0.44 0.00	22.67 1.01 0.00	27.29 2.22 0.00	28.58 2.03 0.00	26.90 1.69 0.00	30.00 1.87 0.00	39.15 2.51 -0.01	44.79 3.14 -0.02	44.94 3.31 0.00	44.76 3.48 0.00	51.36 4.36 -0.05	51.09 4.49 0.00	50.17 4.68 0.00	47.45 4.69 0.00	48.66 5.08 0.00	45.31 4.57 0.00	43.26 4.35 0.00	39.44 3.86 0.00	36.18 3.11 0.00

PIERCEFIELD___HYD 23852	19.81 -0.24 0.00	10.59 -0.17 0.00	9.22 -0.12 0.00	13.55 -0.21 0.00	10.18 -0.19 0.00	11.98 -0.17 0.00	21.54 -0.12 0.00	24.67 -0.39 0.00	26.16 -0.39 0.00	24.83 -0.39 0.00	27.22 -0.91 0.00	36.00 -0.63 0.00	40.81 -0.84 -0.01	40.16 -1.47 0.00	39.38 -1.90 0.00	45.13 -1.85 -0.02	44.84 -1.77 0.00	44.58 -0.91 0.00	42.20 -0.56 0.00	43.22 -0.37 0.00	40.06 -0.68 0.00	38.02 -0.88 0.00	34.84 -0.74 0.00	32.54 -0.53 0.00
PINELAWN_CC_1 323563	21.52 1.47 0.00	11.59 0.82 0.00	10.02 0.68 0.00	14.69 0.94 0.00	11.10 0.73 0.00	12.96 0.80 0.00	22.84 1.18 0.00	26.52 1.46 0.00	28.27 1.72 0.00	26.95 1.74 0.00	45.07 2.33 -14.61	46.86 2.83 -7.40	47.00 2.98 -2.39	50.04 2.96 -5.46	67.89 3.14 -23.47	57.10 3.55 -6.59	59.29 3.59 -9.10	80.99 3.24 -32.27	81.95 2.72 -36.47	66.14 2.49 -20.07	61.05 2.32 -18.00	63.75 2.60 -22.25	61.90 2.45 -23.87	43.98 2.41 -8.50
PJM_GEN_HTP_PROXY 323702	21.21 1.16 0.00	11.40 0.63 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.86 0.71 0.00	22.79 1.13 0.00	26.39 1.32 0.00	28.64 1.63 -0.47	26.79 1.58 0.00	30.13 2.00 0.00	39.07 2.44 0.00	44.22 2.57 -0.02	44.23 2.59 0.00	45.69 2.77 -1.63	49.99 3.03 0.00	49.64 3.03 0.00	48.03 2.54 0.00	44.72 1.97 0.00	45.29 1.71 0.00	42.43 1.69 0.00	40.82 1.92 0.00	37.39 1.81 0.00	34.81 1.74 0.00
PJM_GEN_KEystone 24065	18.85 0.02 1.22	10.21 0.06 0.61	9.43 0.08 0.00	13.85 0.09 0.00	10.46 0.09 0.00	12.20 0.05 0.00	21.73 0.06 0.00	25.43 0.36 0.00	27.71 0.69 -0.47	26.01 0.80 0.00	29.29 1.16 0.00	38.04 1.40 0.00	43.21 1.56 -0.01	43.11 1.48 0.00	43.86 1.73 -0.86	48.80 1.84 0.00	48.44 1.83 0.00	46.64 1.15 0.00	43.56 0.84 0.03	44.46 0.89 0.01	41.44 0.73 0.02	39.71 0.80 0.00	36.45 0.87 0.00	33.88 0.81 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.33 1.28 0.00	11.49 0.72 0.00	9.93 0.59 0.00	14.57 0.81 0.00	11.00 0.63 0.00	12.86 0.71 0.00	22.67 1.01 0.00	26.29 1.23 0.00	28.48 1.46 -0.47	26.71 1.50 0.00	38.17 2.06 -7.98	43.15 2.48 -4.04	45.54 2.59 -1.31	47.24 2.58 -3.03	57.92 2.71 -13.92	53.77 3.05 -3.77	54.80 3.07 -5.13	66.21 2.67 -18.05	64.86 2.16 -19.95	56.73 1.95 -11.19	52.66 1.85 -10.07	53.46 2.11 -12.44	51.07 2.00 -13.49	39.99 1.95 -4.97
PJM_GEN_VFT_PROXY 323633	21.16 1.11 0.00	11.37 0.60 0.00	9.83 0.48 0.00	14.46 0.71 0.00	10.91 0.54 0.00	12.83 0.68 0.00	22.71 1.04 0.00	26.28 1.21 0.00	28.52 1.50 -0.47	26.66 1.46 0.00	29.98 1.85 0.00	38.87 2.24 0.00	43.96 2.30 -0.02	43.89 2.26 0.00	45.36 2.45 -1.63	49.58 2.63 0.00	49.26 2.65 0.00	47.68 2.19 0.00	43.92 1.63 0.46	44.75 1.35 0.19	41.82 1.43 0.34	40.57 1.67 0.00	37.16 1.58 0.00	34.62 1.56 0.00
PLATSBURG_115KV_PMLD1 355749	20.14 0.09 0.00	10.71 -0.05 0.00	9.26 -0.08 0.00	13.61 -0.14 0.00	10.29 -0.08 0.00	12.05 -0.10 0.00	21.68 0.02 0.00	24.97 -0.09 0.00	26.54 -0.01 0.00	25.03 -0.18 0.00	28.23 0.10 0.00	37.08 0.45 0.00	42.40 0.77 0.00	42.07 0.43 0.00	41.52 0.24 0.00	47.32 0.36 0.00	47.42 0.82 0.00	46.96 1.47 0.00	44.51 1.76 0.00	45.59 2.01 0.00	41.98 1.25 0.00	38.73 -0.18 0.00	35.25 -0.33 0.00	33.29 0.22 0.00
PLEASANTVLY___LBMP 24000	20.98 0.94 0.00	11.26 0.50 0.00	9.73 0.39 0.00	14.33 0.58 0.00	10.81 0.44 0.00	12.71 0.56 0.00	22.56 0.91 0.00	26.07 1.00 0.00	27.71 1.16 0.00	26.29 1.08 0.00	29.50 1.38 0.00	38.23 1.60 0.00	43.28 1.62 -0.02	43.30 1.66 0.00	44.93 1.79 -1.86	48.96 2.00 0.00	48.64 2.03 0.00	47.19 1.70 0.00	44.06 1.30 0.00	44.74 1.16 0.00	41.87 1.14 0.00	40.28 1.37 0.00	36.83 1.25 0.00	34.31 1.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.13 1.08 0.00	11.35 0.58 0.00	9.81 0.46 0.00	14.44 0.68 0.00	10.89 0.52 0.00	12.80 0.65 0.00	22.72 1.06 0.00	26.27 1.21 0.00	27.99 1.45 0.00	26.60 1.38 0.00	29.88 1.75 0.00	38.77 2.14 0.00	43.88 2.22 -0.02	43.90 2.27 0.00	45.36 2.43 -1.65	49.68 2.72 0.00	49.36 2.75 0.00	47.84 2.35 0.00	44.59 1.84 0.00	45.23 1.65 0.00	42.33 1.59 0.00	40.70 1.80 0.00	37.24 1.66 0.00	34.67 1.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.13 1.08 0.00	11.35 0.58 0.00	9.81 0.46 0.00	14.44 0.68 0.00	10.89 0.52 0.00	12.80 0.65 0.00	22.72 1.06 0.00	26.27 1.21 0.00	27.99 1.45 0.00	26.60 1.38 0.00	29.88 1.75 0.00	38.77 2.14 0.00	43.88 2.22 -0.02	43.90 2.27 0.00	45.36 2.43 -1.65	49.68 2.72 0.00	49.36 2.75 0.00	47.84 2.35 0.00	44.59 1.84 0.00	45.23 1.65 0.00	42.33 1.59 0.00	40.70 1.80 0.00	37.24 1.66 0.00	34.67 1.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.14 1.08 0.00	11.34 0.57 0.00	9.80 0.45 0.00	14.42 0.66 0.00	10.87 0.51 0.00	12.79 0.64 0.00	22.73 1.07 0.00	26.27 1.20 0.00	27.94 1.39 0.00	26.49 1.28 0.00	29.74 1.61 0.00	38.55 1.93 0.00	43.66 2.03 0.00	43.75 2.12 0.00	43.23 2.29 0.34	49.64 2.68 0.00	49.41 2.80 0.00	48.01 2.52 0.00	44.88 2.12 0.00	45.55 1.96 0.00	42.58 1.84 0.00	40.88 1.97 0.00	37.32 1.74 0.00	34.68 1.62 0.00
POLETTI____ 23519	21.18 1.13 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.76 1.10 0.00	26.34 1.28 0.00	28.11 1.57 0.00	26.73 1.52 0.00	30.06 1.93 0.00	38.98 2.35 0.00	44.12 2.47 -0.02	44.10 2.47 0.00	45.56 2.64 -1.63	49.84 2.88 0.00	49.49 2.89 0.00	47.91 2.42 0.00	44.60 1.84 0.00	45.18 1.59 0.00	42.33 1.60 0.00	40.74 1.84 0.00	37.31 1.73 0.00	34.74 1.68 0.00
POMONA___ESR 323819	21.06 1.01 0.00	11.31 0.54 0.00	9.77 0.42 0.00	14.38 0.63 0.00	10.85 0.48 0.00	12.74 0.59 0.00	22.59 0.93 0.00	26.16 1.09 0.00	27.88 1.34 0.00	26.49 1.27 0.00	29.79 1.66 0.00	38.65 2.02 0.00	43.78 2.13 -0.02	43.74 2.10 0.00	45.05 2.28 -1.49	49.53 2.57 0.00	49.25 2.64 0.00	47.74 2.26 0.00	44.47 1.72 0.00	45.11 1.53 0.00	42.13 1.40 0.00	40.49 1.58 0.00	37.02 1.45 0.00	34.50 1.44 0.00
PORT_JEFF_3 23555	21.51 1.46 0.00	11.59 0.83 0.00	10.03 0.68 0.00	14.69 0.94 0.00	11.10 0.74 0.00	12.95 0.80 0.00	22.77 1.11 0.00	26.43 1.36 0.00	28.15 1.60 0.00	26.85 1.65 0.00	45.04 2.30 -14.61	46.82 2.79 -7.40	46.97 2.94 -2.39	49.85 2.87 -5.35	66.96 3.00 -22.68	56.62 3.43 -6.22	58.80 3.42 -8.77	79.86 3.00 -31.37	81.78 2.55 -36.47	65.59 2.39 -19.62	60.41 2.20 -17.48	62.93 2.40 -21.63	61.79 2.34 -23.87	43.98 2.41 -8.50
PORT_JEFF_4 23616	21.51 1.46 0.00	11.59 0.83 0.00	10.03 0.68 0.00	14.69 0.94 0.00	11.10 0.74 0.00	12.95 0.80 0.00	22.77 1.11 0.00	26.43 1.36 0.00	28.15 1.60 0.00	26.85 1.65 0.00	45.04 2.30 -14.61	46.82 2.79 -7.40	46.97 2.94 -2.39	49.85 2.87 -5.35	66.96 3.00 -22.68	56.62 3.43 -6.22	58.80 3.42 -8.77	79.86 3.00 -31.37	81.78 2.55 -36.47	65.59 2.39 -19.62	60.41 2.20 -17.48	62.93 2.40 -21.63	61.79 2.34 -23.87	43.98 2.41 -8.50

PORT_JEFF_IC 23713	21.52 1.47 0.00	11.60 0.83 0.00	10.03 0.69 0.00	14.70 0.94 0.00	11.11 0.74 0.00	12.95 0.80 0.00	22.78 1.12 0.00	26.45 1.39 0.00	28.18 1.63 0.00	26.89 1.68 0.00	45.08 2.34 -14.61	46.87 2.85 -7.40	47.05 3.03 -2.39	49.89 2.96 -5.29	66.62 3.11 -22.23	56.57 3.60 -6.01	58.76 3.57 -8.58	79.43 3.08 -30.86	81.87 2.64 -36.47	65.46 2.53 -19.35	60.26 2.34 -17.18	62.70 2.52 -21.27	61.87 2.43 -23.87	44.03 2.47 -8.49
PPL PILGRIM_ST_GT1 24216	21.57 1.52 0.00	11.63 0.87 0.00	10.06 0.72 0.00	14.75 0.99 0.00	11.14 0.77 0.00	12.99 0.84 0.00	22.86 1.20 0.00	26.57 1.50 0.00	28.31 1.76 0.00	26.98 1.77 0.00	45.17 2.43 -14.61	46.97 2.94 -7.40	47.12 3.10 -2.39	49.98 3.05 -5.30	66.82 3.19 -22.35	56.49 3.46 -6.07	58.47 3.24 -8.63	79.40 2.91 -30.99	81.66 2.44 -36.47	65.17 2.19 -19.39	60.05 2.05 -17.26	62.82 2.55 -21.36	62.00 2.55 -23.87	44.13 2.57 -8.50
PPL PILGRIM_ST_GT2 24217	21.57 1.52 0.00	11.63 0.87 0.00	10.06 0.72 0.00	14.75 0.99 0.00	11.14 0.77 0.00	12.99 0.84 0.00	22.86 1.20 0.00	26.57 1.50 0.00	28.31 1.76 0.00	26.98 1.77 0.00	45.17 2.43 -14.61	46.97 2.94 -7.40	47.12 3.10 -2.39	49.98 3.05 -5.30	66.82 3.19 -22.35	56.49 3.46 -6.07	58.47 3.24 -8.63	79.40 2.91 -30.99	81.66 2.44 -36.47	65.17 2.19 -19.39	60.05 2.05 -17.26	62.82 2.55 -21.36	62.00 2.55 -23.87	44.13 2.57 -8.50
PPL_SHRM_GT3 24213	21.42 1.37 0.00	11.54 0.77 0.00	9.98 0.64 0.00	14.62 0.87 0.00	11.07 0.70 0.00	12.89 0.74 0.00	22.68 1.02 0.00	26.33 1.27 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.89 2.16 -14.61	46.65 2.62 -7.40	46.78 2.75 -2.39	49.71 2.74 -5.34	66.82 2.96 -22.58	56.59 3.46 -6.18	58.76 3.42 -8.73	79.89 3.14 -31.26	81.92 2.69 -36.47	65.59 2.44 -19.56	60.39 2.23 -17.42	63.01 2.55 -21.55	61.83 2.38 -23.87	43.91 2.34 -8.50
PPL_SHRM_GT4 24214	21.42 1.37 0.00	11.54 0.77 0.00	9.98 0.64 0.00	14.62 0.87 0.00	11.07 0.70 0.00	12.89 0.74 0.00	22.68 1.02 0.00	26.33 1.27 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.89 2.16 -14.61	46.65 2.62 -7.40	46.78 2.75 -2.39	49.71 2.74 -5.34	66.82 2.96 -22.58	56.59 3.46 -6.18	58.76 3.42 -8.73	79.89 3.14 -31.26	81.92 2.69 -36.47	65.59 2.44 -19.56	60.39 2.23 -17.42	63.01 2.55 -21.55	61.83 2.38 -23.87	43.91 2.34 -8.50
PROJECT___ORANGE 1 24174	19.88 -0.17 0.00	10.69 -0.07 0.00	9.29 -0.05 0.00	13.66 -0.09 0.00	10.31 -0.05 0.00	12.06 -0.09 0.00	21.50 -0.16 0.00	24.97 -0.10 0.00	26.53 -0.02 0.00	25.28 0.07 0.00	28.35 0.22 0.00	36.94 0.30 -0.02	42.12 0.46 -0.02	42.11 0.47 0.00	41.88 0.60 0.00	47.71 0.68 -0.07	47.39 0.78 0.00	46.13 0.64 0.00	43.36 0.60 0.00	44.18 0.60 0.00	41.18 0.44 0.00	39.32 0.41 0.00	35.89 0.31 0.00	33.28 0.22 0.00
PROJECT___ORANGE 2 24166	19.88 -0.17 0.00	10.69 -0.07 0.00	9.29 -0.05 0.00	13.66 -0.09 0.00	10.31 -0.05 0.00	12.06 -0.09 0.00	21.50 -0.16 0.00	24.97 -0.10 0.00	26.53 -0.02 0.00	25.28 0.07 0.00	28.35 0.22 0.00	36.94 0.30 -0.02	42.12 0.46 -0.02	42.11 0.47 0.00	41.88 0.60 0.00	47.71 0.68 -0.07	47.39 0.78 0.00	46.13 0.64 0.00	43.36 0.60 0.00	44.18 0.60 0.00	41.18 0.44 0.00	39.32 0.41 0.00	35.89 0.31 0.00	33.28 0.22 0.00
PUCKETT___SOLAR 323809	20.50 0.10 -0.35	10.97 0.03 -0.17	9.42 0.07 0.00	13.86 0.10 0.00	10.45 0.08 0.00	12.25 0.10 0.00	21.91 0.25 0.00	25.65 0.58 0.00	27.22 0.68 0.00	25.88 0.67 0.00	28.95 0.82 0.00	37.63 0.99 -0.01	42.91 1.26 -0.02	42.94 1.31 0.00	42.78 1.50 0.00	48.77 1.76 -0.04	48.47 1.87 0.00	47.10 1.61 0.00	44.43 1.68 0.00	45.46 1.88 0.00	42.32 1.59 0.00	40.47 1.57 0.00	37.06 1.48 0.00	34.23 1.16 0.00
PYRITES___HYD 24023	20.17 0.12 0.00	10.79 0.02 0.00	9.40 0.05 0.00	13.81 0.06 0.00	10.39 0.02 0.00	12.22 0.07 0.00	21.98 0.32 0.00	25.21 0.14 0.00	26.71 0.17 0.00	25.32 0.11 0.00	27.54 -0.60 0.00	36.32 -0.31 0.00	41.23 -0.42 -0.01	40.71 -0.93 0.00	39.92 -1.36 0.00	45.74 -1.23 -0.02	45.41 -1.20 0.00	45.20 -0.29 0.00	42.86 0.10 0.00	44.18 0.59 0.00	41.15 0.41 0.00	39.02 0.12 0.00	35.66 0.08 0.00	33.21 0.15 0.00
QUAKERRD_115KV_BK1 80622	18.20 -0.82 1.03	9.90 -0.35 0.52	9.09 -0.25 0.00	13.30 -0.45 0.00	10.06 -0.30 0.00	11.72 -0.43 0.00	20.96 -0.70 0.00	24.67 -0.39 0.00	26.42 -0.13 0.00	25.30 0.09 0.00	28.50 0.37 0.00	37.23 0.60 0.00	42.46 0.83 0.00	42.50 0.87 0.00	42.38 1.10 0.00	48.19 1.23 0.00	47.88 1.27 0.00	46.36 0.87 0.00	43.49 0.73 0.00	44.50 0.92 0.00	41.42 0.69 0.00	39.47 0.56 0.00	36.14 0.55 0.00	33.38 0.31 0.00
QUENSBRY_115KV_TB8 356137	21.69 1.64 0.00	11.59 0.83 0.00	10.01 0.66 0.00	14.78 1.02 0.00	11.18 0.81 0.00	13.17 1.02 0.00	23.57 1.91 0.00	27.23 2.16 0.00	28.57 2.02 0.00	26.76 1.54 0.00	29.63 1.50 0.00	38.23 1.61 0.00	43.71 2.09 0.02	43.79 2.16 0.00	41.74 2.00 1.55	49.44 2.48 0.00	48.96 2.36 0.00	47.93 2.44 0.00	45.06 2.30 0.00	45.82 2.24 0.00	43.34 2.61 0.00	41.74 2.84 0.00	38.21 2.63 0.00	35.49 2.42 0.00
RAMAPO___LBMP 323565	20.96 0.91 0.00	11.25 0.49 0.00	9.73 0.38 0.00	14.32 0.57 0.00	10.80 0.43 0.00	12.69 0.54 0.00	22.50 0.84 0.00	26.04 0.97 0.00	27.75 1.20 0.00	26.35 1.14 0.00	29.63 1.50 0.00	38.44 1.81 0.00	43.57 1.91 -0.02	43.53 1.90 0.00	44.82 2.06 -1.48	49.28 2.32 0.00	49.00 2.40 0.00	47.50 2.01 0.00	44.27 1.51 0.00	44.91 1.33 0.00	41.97 1.24 0.00	40.34 1.43 0.00	36.89 1.31 0.00	34.37 1.30 0.00
RANKINE____ 23646	16.96 -0.86 2.22	9.37 -0.28 1.12	9.22 -0.12 0.00	13.39 -0.36 0.00	10.17 -0.20 0.00	11.75 -0.40 0.00	21.11 -0.55 0.00	25.26 0.19 0.00	27.38 0.84 0.00	26.39 1.18 0.00	29.80 1.67 0.00	38.86 2.23 0.00	44.35 2.71 0.00	44.32 2.68 0.00	44.20 2.92 0.00	50.01 3.05 0.00	49.52 2.91 0.00	47.53 2.04 0.00	44.60 1.85 0.00	46.03 2.44 0.00	42.78 2.04 0.00	40.73 1.82 0.00	37.49 1.91 0.00	34.60 1.54 0.00
RAVENSWOOD_GT2_1 24244	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.94 0.00	49.55 2.94 0.00	47.98 2.49 0.00	44.67 1.92 0.00	45.27 1.68 0.00	42.41 1.68 0.00	40.82 1.91 0.00	37.38 1.80 0.00	34.80 1.74 0.00
RAVENSWOOD_GT2_2 24245	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.94 0.00	49.55 2.94 0.00	47.98 2.49 0.00	44.67 1.92 0.00	45.27 1.68 0.00	42.41 1.68 0.00	40.82 1.91 0.00	37.38 1.80 0.00	34.80 1.74 0.00



RAVENSWOOD_GT2_3 24246	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.79 1.13 0.00	26.39 1.32 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.20 2.55 -0.02	44.18 2.55 0.00	45.64 2.73 -1.63	49.94 2.98 0.00	49.59 2.98 0.00	48.01 2.52 0.00	44.70 1.95 0.00	45.30 1.71 0.00	42.43 1.70 0.00	40.85 1.94 0.00	37.40 1.83 0.00	34.83 1.77 0.00
RAVENSWOOD_GT2_4 24247	21.21 1.16 0.00	11.40 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.86 0.71 0.00	22.79 1.13 0.00	26.39 1.32 0.00	28.16 1.61 0.00	26.77 1.56 0.00	30.11 1.98 0.00	39.04 2.41 0.00	44.20 2.55 -0.02	44.18 2.55 0.00	45.64 2.73 -1.63	49.94 2.98 0.00	49.59 2.98 0.00	48.01 2.52 0.00	44.70 1.95 0.00	45.30 1.71 0.00	42.43 1.70 0.00	40.85 1.94 0.00	37.40 1.83 0.00	34.83 1.77 0.00
RAVENSWOOD_GT3_1 24248	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.95 0.00	49.55 2.94 0.00	47.98 2.49 0.00	44.67 1.92 0.00	45.27 1.68 0.00	42.41 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00
RAVENSWOOD_GT3_2 24249	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.95 0.00	49.55 2.94 0.00	47.98 2.49 0.00	44.67 1.92 0.00	45.27 1.68 0.00	42.41 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00
RAVENSWOOD_GT3_3 24250	21.23 1.19 0.00	11.41 0.65 0.00	9.86 0.52 0.00	14.51 0.76 0.00	10.95 0.58 0.00	12.87 0.72 0.00	22.82 1.16 0.00	26.42 1.35 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.16 2.03 0.00	39.10 2.47 0.00	44.26 2.61 -0.02	44.26 2.63 0.00	45.72 2.80 -1.63	50.02 3.07 0.00	49.67 3.07 0.00	48.09 2.60 0.00	44.77 2.02 0.00	45.38 1.80 0.00	42.51 1.78 0.00	40.91 2.00 0.00	37.46 1.88 0.00	34.87 1.80 0.00
RAVENSWOOD_GT3_4 24251	21.23 1.19 0.00	11.41 0.65 0.00	9.86 0.52 0.00	14.51 0.76 0.00	10.95 0.58 0.00	12.87 0.72 0.00	22.82 1.16 0.00	26.42 1.35 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.16 2.03 0.00	39.10 2.47 0.00	44.26 2.61 -0.02	44.26 2.63 0.00	45.72 2.80 -1.63	50.02 3.07 0.00	49.67 3.07 0.00	48.09 2.60 0.00	44.77 2.02 0.00	45.38 1.80 0.00	42.51 1.78 0.00	40.91 2.00 0.00	37.46 1.88 0.00	34.87 1.80 0.00
RAVENSWOOD_GT_1 23729	21.22 1.17 0.00	11.42 0.65 0.00	9.86 0.51 0.00	14.51 0.76 0.00	10.95 0.58 0.00	12.88 0.73 0.00	22.80 1.14 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.84 1.63 0.00	30.18 2.05 0.00	39.14 2.51 0.00	44.31 2.65 -0.02	44.30 2.67 0.00	45.73 2.81 -1.63	50.00 3.05 0.00	49.62 3.01 0.00	48.02 2.53 0.00	44.69 1.93 0.00	45.29 1.71 0.00	42.46 1.73 0.00	40.91 2.01 0.00	37.49 1.91 0.00	34.88 1.81 0.00
RAVENSWOOD_GT_10 24258	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.95 0.00	49.56 2.95 0.00	47.99 2.50 0.00	44.68 1.93 0.00	45.28 1.69 0.00	42.42 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00
RAVENSWOOD_GT_11 24259	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.95 0.00	49.56 2.95 0.00	47.99 2.50 0.00	44.68 1.93 0.00	45.28 1.69 0.00	42.42 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00
RAVENSWOOD_GT_4 24252	21.20 1.15 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.91 2.95 0.00	49.58 2.97 0.00	48.01 2.52 0.00	44.71 1.95 0.00	45.31 1.72 0.00	42.44 1.70 0.00	40.82 1.92 0.00	37.39 1.81 0.00	34.81 1.75 0.00
RAVENSWOOD_GT_5 24254	21.20 1.15 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.91 2.95 0.00	49.58 2.97 0.00	48.01 2.52 0.00	44.71 1.95 0.00	45.31 1.72 0.00	42.44 1.70 0.00	40.82 1.92 0.00	37.39 1.81 0.00	34.81 1.75 0.00
RAVENSWOOD_GT_6 24253	21.20 1.15 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.91 2.95 0.00	49.58 2.97 0.00	48.01 2.52 0.00	44.71 1.95 0.00	45.31 1.72 0.00	42.44 1.70 0.00	40.82 1.92 0.00	37.39 1.81 0.00	34.81 1.75 0.00
RAVENSWOOD_GT_7 24255	21.20 1.15 0.00	11.39 0.63 0.00	9.84 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.91 2.95 0.00	49.58 2.97 0.00	48.01 2.52 0.00	44.71 1.95 0.00	45.31 1.72 0.00	42.44 1.70 0.00	40.82 1.92 0.00	37.39 1.81 0.00	34.81 1.75 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.95 0.00	49.56 2.95 0.00	47.99 2.50 0.00	44.68 1.93 0.00	45.28 1.69 0.00	42.42 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00
RAVENSWOOD_GT_9 24257	21.20 1.15 0.00	11.39 0.63 0.00	9.85 0.50 0.00	14.49 0.74 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.30 0.00	28.14 1.60 0.00	26.76 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.52 0.00	45.60 2.69 -1.63	49.90 2.95 0.00	49.56 2.95 0.00	47.99 2.50 0.00	44.68 1.93 0.00	45.28 1.69 0.00	42.42 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00

RAVENSWOOD___1 23533	21.20 1.15 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.77 1.11 0.00	26.39 1.32 0.00	28.17 1.62 0.00	26.78 1.57 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.20 2.57 0.00	45.63 2.72 -1.63	49.91 2.95 0.00	49.52 2.91 0.00	47.91 2.42 0.00	44.60 1.85 0.00	45.19 1.61 0.00	42.38 1.65 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.74 0.00
RAVENSWOOD___2 23534	21.20 1.15 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.77 1.11 0.00	26.39 1.32 0.00	28.17 1.62 0.00	26.78 1.57 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.16 2.50 -0.02	44.14 2.51 0.00	45.57 2.66 -1.63	49.84 2.88 0.00	49.32 2.72 0.00	47.57 2.08 0.00	44.27 1.52 0.00	44.85 1.26 0.00	42.15 1.41 0.00	40.76 1.85 0.00	37.36 1.78 0.00	34.76 1.69 0.00
RAVENSWOOD___3 23535	21.21 1.16 0.00	11.40 0.63 0.00	9.85 0.50 0.00	14.49 0.73 0.00	10.93 0.56 0.00	12.85 0.70 0.00	22.78 1.12 0.00	26.37 1.31 0.00	28.15 1.60 0.00	26.77 1.55 0.00	30.09 1.96 0.00	39.02 2.39 0.00	44.17 2.52 -0.02	44.15 2.51 0.00	45.60 2.69 -1.63	49.90 2.95 0.00	49.55 2.95 0.00	47.98 2.49 0.00	44.68 1.92 0.00	45.27 1.69 0.00	42.42 1.68 0.00	40.82 1.92 0.00	37.38 1.80 0.00	34.80 1.74 0.00
RAVENSWOOD___4 23820	21.20 1.15 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.77 1.11 0.00	26.39 1.32 0.00	28.17 1.62 0.00	26.78 1.57 0.00	30.11 1.98 0.00	39.03 2.40 0.00	44.20 2.54 -0.02	44.20 2.57 0.00	45.63 2.72 -1.63	49.91 2.95 0.00	49.52 2.91 0.00	47.91 2.42 0.00	44.60 1.85 0.00	45.19 1.61 0.00	42.38 1.65 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.74 0.00
RCPL_TRUST___DRP 24196	21.22 1.17 0.00	11.40 0.64 0.00	9.85 0.51 0.00	14.51 0.75 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.81 1.15 0.00	26.42 1.35 0.00	28.21 1.66 0.00	26.84 1.63 0.00	30.19 2.06 0.00	39.14 2.51 0.00	44.32 2.66 -0.02	44.32 2.68 0.00	45.77 2.86 -1.63	50.09 3.13 0.00	49.73 3.12 0.00	48.12 2.63 0.00	44.78 2.02 0.00	45.35 1.77 0.00	42.49 1.75 0.00	40.89 1.98 0.00	37.45 1.87 0.00	34.86 1.80 0.00
RED___ROCHESTER 323720	18.47 -0.39 1.19	10.07 -0.10 0.59	9.33 -0.02 0.00	13.61 -0.14 0.00	10.31 -0.05 0.00	11.99 -0.16 0.00	21.46 -0.20 0.00	25.36 0.30 0.00	27.23 0.68 0.00	26.12 0.91 0.00	29.49 1.36 0.00	38.54 1.91 0.00	44.04 2.41 0.00	44.10 2.47 0.00	44.01 2.73 0.00	50.09 3.13 0.00	49.74 3.13 0.00	48.07 2.59 0.00	45.11 2.36 0.00	46.18 2.60 0.00	42.95 2.22 0.00	40.89 1.99 0.00	37.45 1.86 0.00	34.53 1.47 0.00
REGAN___SOLAR 323812	21.43 1.38 0.00	11.47 0.70 0.00	9.95 0.61 0.00	14.64 0.88 0.00	11.21 0.84 0.00	13.18 1.03 0.00	23.11 1.45 0.00	25.67 0.60 0.00	26.98 0.43 0.00	24.62 -0.59 0.00	28.11 -0.02 0.00	36.91 0.28 0.00	44.24 2.62 0.01	41.51 -0.12 0.00	40.39 0.07 0.96	48.59 1.63 0.00	48.58 1.98 0.00	48.93 3.44 0.00	47.11 4.35 0.00	49.26 5.68 0.00	46.34 5.60 0.00	43.99 5.09 0.00	40.07 4.49 0.00	36.75 3.68 0.00
RENSSELAER___COGEN 23796	20.59 0.53 0.00	11.06 0.29 0.00	9.57 0.23 0.00	14.13 0.38 0.00	10.64 0.27 0.00	12.49 0.34 0.00	22.17 0.50 0.00	25.56 0.49 0.00	26.96 0.41 0.00	25.47 0.26 0.00	28.49 0.36 0.00	36.88 0.25 0.00	41.81 0.19 0.02	41.97 0.33 0.00	40.18 0.31 1.42	47.31 0.35 0.00	46.97 0.36 0.00	45.77 0.28 0.00	42.95 0.20 0.00	43.83 0.24 0.00	41.08 0.34 0.00	39.50 0.59 0.00	36.04 0.46 0.00	33.58 0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.76 2.71 0.00	12.07 1.31 0.00	10.34 1.00 0.00	15.35 1.60 0.00	11.67 1.30 0.00	13.83 1.68 0.00	24.89 3.23 0.00	28.61 3.54 0.00	29.92 3.37 0.00	27.93 2.72 0.00	31.02 2.89 0.00	39.71 3.08 0.00	45.61 4.00 0.02	45.58 3.95 0.00	43.54 3.83 1.57	51.65 4.69 0.00	51.55 4.94 0.00	50.42 4.93 0.00	47.31 4.56 0.00	48.43 4.84 0.00	46.11 5.37 0.00	44.79 5.88 0.00	40.83 5.25 0.00	38.04 4.97 0.00
REVERE_CPPR_DRP 24186	20.51 0.47 0.00	11.00 0.24 0.00	9.53 0.19 0.00	14.03 0.27 0.00	10.59 0.22 0.00	12.45 0.30 0.00	22.30 0.63 0.00	25.95 0.88 0.00	27.56 1.02 0.00	26.18 0.97 0.00	29.12 0.99 0.00	38.07 1.44 -0.01	43.33 1.68 -0.01	43.36 1.73 0.00	43.04 1.76 0.00	49.20 2.21 -0.03	49.09 2.49 0.00	48.13 2.64 0.00	45.56 2.81 0.00	46.74 3.16 0.00	43.65 2.91 0.00	41.62 2.71 0.00	37.66 2.07 0.00	34.68 1.61 0.00
REYNOLDS_115KV_TB3 80639	20.72 0.68 0.00	11.14 0.37 0.00	9.64 0.30 0.00	14.23 0.48 0.00	10.73 0.35 0.00	12.59 0.44 0.00	22.36 0.70 0.00	25.77 0.70 0.00	27.19 0.64 0.00	25.67 0.46 0.00	28.71 0.58 0.00	37.13 0.51 0.00	42.08 0.46 0.02	42.23 0.60 0.00	40.15 0.57 1.70	47.54 0.58 0.00	47.18 0.58 0.00	45.96 0.47 0.00	43.11 0.36 0.00	44.01 0.43 0.00	41.27 0.53 0.00	39.72 0.81 0.00	36.24 0.66 0.00	33.81 0.75 0.00
RIVERBAY____ 323610	21.16 1.11 0.00	11.37 0.60 0.00	9.81 0.47 0.00	14.45 0.69 0.00	10.90 0.53 0.00	12.82 0.67 0.00	22.72 1.06 0.00	26.35 1.28 0.00	28.09 1.54 0.00	26.69 1.48 0.00	29.98 1.85 0.00	38.84 2.21 0.00	44.04 2.39 -0.02	44.04 2.40 0.00	45.44 2.53 -1.63	49.69 2.73 0.00	49.39 2.78 0.00	47.90 2.42 0.00	44.67 1.91 0.00	45.36 1.78 0.00	42.47 1.74 0.00	40.91 2.00 0.00	37.47 1.89 0.00	34.86 1.79 0.00
RIVERSDE_115KV_TB3 55908	20.67 0.62 0.00	11.10 0.34 0.00	9.62 0.27 0.00	14.19 0.44 0.00	10.70 0.32 0.00	12.55 0.40 0.00	22.28 0.62 0.00	25.69 0.63 0.00	27.11 0.56 0.00	25.60 0.39 0.00	28.65 0.52 0.00	37.08 0.45 0.00	42.05 0.43 0.02	42.20 0.57 0.00	40.26 0.54 1.56	47.55 0.59 0.00	47.21 0.60 0.00	46.00 0.51 0.00	43.16 0.40 0.00	44.04 0.45 0.00	41.27 0.53 0.00	39.70 0.79 0.00	36.22 0.64 0.00	33.76 0.69 0.00
ROARING___BROOK_WT_PWR 323790	19.15 -0.90 0.00	10.22 -0.55 0.00	8.90 -0.45 0.00	13.07 -0.69 0.00	9.84 -0.53 0.00	11.53 -0.62 0.00	20.70 -0.96 0.00	24.13 -0.94 0.00	25.77 -0.77 0.00	24.71 -0.50 0.00	27.26 -0.87 0.00	35.79 -0.84 0.00	40.73 -0.91 0.00	40.41 -1.23 0.00	39.85 -1.43 0.00	45.70 -1.26 0.00	45.51 -1.10 0.00	44.92 -0.57 0.00	42.36 -0.39 0.00	43.26 -0.32 0.00	40.36 -0.38 0.00	38.08 -0.83 0.00	34.55 -1.03 0.00	31.97 -1.10 0.00
ROCHESRG_115KV_T4 355643	18.29 -0.59 1.17	9.97 -0.21 0.59	9.24 -0.11 0.00	13.48 -0.27 0.00	10.22 -0.15 0.00	11.87 -0.28 0.00	21.24 -0.42 0.00	25.07 0.01 0.00	26.91 0.36 0.00	25.78 0.57 0.00	29.07 0.94 0.00	37.95 1.32 0.00	43.30 1.67 0.00	43.32 1.68 0.00	43.19 1.91 0.00	49.08 2.12 0.00	48.71 2.11 0.00	47.08 1.59 0.00	44.19 1.43 0.00	45.30 1.71 0.00	42.14 1.41 0.00	40.16 1.25 0.00	36.83 1.25 0.00	34.01 0.95 0.00

ROCHESTER_9_IC 23652	18.39 -0.48 1.19	10.02 -0.14 0.59	9.29 -0.06 0.00	13.55 -0.20 0.00	10.27 -0.09 0.00	11.94 -0.21 0.00	21.37 -0.29 0.00	25.24 0.17 0.00	27.09 0.55 0.00	25.98 0.76 0.00	29.30 1.17 0.00	38.28 1.65 0.00	43.71 2.07 0.00	43.73 2.10 0.00	43.64 2.36 0.00	49.63 2.67 0.00	49.27 2.66 0.00	47.61 2.12 0.00	44.68 1.92 0.00	45.77 2.19 0.00	42.58 1.85 0.00	40.55 1.64 0.00	37.16 1.58 0.00	34.29 1.22 0.00
ROCKVIEW_13_KV_LD 356306	21.22 1.17 0.00	11.40 0.63 0.00	9.85 0.50 0.00	14.50 0.75 0.00	10.94 0.57 0.00	12.85 0.70 0.00	22.80 1.14 0.00	26.39 1.32 0.00	28.14 1.59 0.00	26.75 1.54 0.00	30.07 1.94 0.00	39.00 2.37 0.00	44.17 2.51 -0.02	44.17 2.54 0.00	45.61 2.70 -1.63	49.96 3.00 0.00	49.64 3.03 0.00	48.09 2.60 0.00	44.83 2.08 0.00	45.44 1.86 0.00	42.52 1.79 0.00	40.91 2.01 0.00	37.44 1.86 0.00	34.86 1.79 0.00
ROME____115KV_TB2 80656	20.51 0.47 0.00	11.00 0.24 0.00	9.53 0.19 0.00	14.03 0.27 0.00	10.59 0.22 0.00	12.45 0.30 0.00	22.30 0.63 0.00	25.95 0.88 0.00	27.56 1.02 0.00	26.18 0.97 0.00	29.12 0.99 0.00	38.07 1.44 -0.01	43.33 1.68 -0.01	43.36 1.73 0.00	43.04 1.76 0.00	49.20 2.21 -0.03	49.09 2.49 0.00	48.13 2.64 0.00	45.56 2.81 0.00	46.74 3.16 0.00	43.65 2.91 0.00	41.62 2.71 0.00	37.66 2.07 0.00	34.68 1.61 0.00
ROSETON____1 23587	20.94 0.89 0.00	11.24 0.48 0.00	9.72 0.38 0.00	14.31 0.56 0.00	10.79 0.42 0.00	12.68 0.53 0.00	22.52 0.86 0.00	26.02 0.95 0.00	27.68 1.13 0.00	26.27 1.06 0.00	29.49 1.36 0.00	38.22 1.59 0.00	43.29 1.63 -0.02	43.31 1.67 0.00	44.58 1.81 -1.50	48.98 2.02 0.00	48.67 2.06 0.00	47.23 1.74 0.00	44.08 1.33 0.00	44.77 1.18 0.00	41.88 1.15 0.00	40.26 1.36 0.00	36.82 1.24 0.00	34.29 1.22 0.00
ROSETON____2 23588	20.94 0.89 0.00	11.24 0.48 0.00	9.72 0.38 0.00	14.31 0.56 0.00	10.79 0.42 0.00	12.68 0.53 0.00	22.52 0.86 0.00	26.02 0.95 0.00	27.68 1.13 0.00	26.27 1.06 0.00	29.49 1.36 0.00	38.22 1.59 0.00	43.29 1.63 -0.02	43.31 1.67 0.00	44.58 1.81 -1.50	48.98 2.02 0.00	48.67 2.06 0.00	47.23 1.74 0.00	44.08 1.33 0.00	44.77 1.18 0.00	41.88 1.15 0.00	40.26 1.36 0.00	36.82 1.24 0.00	34.29 1.22 0.00
ROTTDAM_115KV_TB3 80664	20.74 0.70 0.00	11.13 0.37 0.00	9.64 0.30 0.00	14.22 0.47 0.00	10.72 0.35 0.00	12.58 0.43 0.00	22.41 0.75 0.00	25.87 0.81 0.00	27.36 0.81 0.00	25.88 0.67 0.00	28.89 0.76 0.00	37.48 0.85 0.00	42.61 0.99 0.02	42.71 1.08 0.00	41.07 1.02 1.22	48.18 1.22 0.00	47.84 1.24 0.00	46.66 1.18 0.00	43.86 1.10 0.00	44.72 1.13 0.00	41.90 1.17 0.00	40.20 1.29 0.00	36.72 1.14 0.00	34.15 1.08 0.00
RUSSELL____1 23602	18.48 -0.38 1.19	10.07 -0.10 0.59	9.33 -0.02 0.00	13.61 -0.14 0.00	10.31 -0.05 0.00	11.99 -0.16 0.00	21.46 -0.20 0.00	25.36 0.30 0.00	27.23 0.68 0.00	26.11 0.90 0.00	29.48 1.35 0.00	38.54 1.91 0.00	44.04 2.40 0.00	44.09 2.45 0.00	44.01 2.73 0.00	50.08 3.12 0.00	49.73 3.13 0.00	48.08 2.59 0.00	45.11 2.36 0.00	46.19 2.60 0.00	42.95 2.22 0.00	40.89 1.99 0.00	37.45 1.87 0.00	34.53 1.46 0.00
RUSSELL____2 23532	18.48 -0.38 1.19	10.07 -0.10 0.59	9.33 -0.02 0.00	13.61 -0.14 0.00	10.31 -0.05 0.00	11.99 -0.16 0.00	21.46 -0.20 0.00	25.36 0.30 0.00	27.23 0.68 0.00	26.11 0.90 0.00	29.48 1.35 0.00	38.54 1.91 0.00	44.04 2.40 0.00	44.09 2.45 0.00	44.01 2.73 0.00	50.08 3.12 0.00	49.73 3.13 0.00	48.08 2.59 0.00	45.11 2.36 0.00	46.19 2.60 0.00	42.95 2.22 0.00	40.89 1.99 0.00	37.45 1.87 0.00	34.53 1.46 0.00
RUSSELL____3 23549	18.48 -0.38 1.19	10.07 -0.10 0.59	9.33 -0.02 0.00	13.61 -0.14 0.00	10.31 -0.05 0.00	11.99 -0.16 0.00	21.46 -0.20 0.00	25.36 0.30 0.00	27.23 0.68 0.00	26.11 0.90 0.00	29.48 1.35 0.00	38.54 1.91 0.00	44.04 2.40 0.00	44.09 2.45 0.00	44.01 2.73 0.00	50.08 3.12 0.00	49.73 3.13 0.00	48.08 2.59 0.00	45.11 2.36 0.00	46.19 2.60 0.00	42.95 2.22 0.00	40.89 1.99 0.00	37.45 1.87 0.00	34.53 1.46 0.00
RUSSELL____4 23556	18.48 -0.38 1.19	10.07 -0.10 0.59	9.33 -0.02 0.00	13.61 -0.14 0.00	10.31 -0.05 0.00	11.99 -0.16 0.00	21.46 -0.20 0.00	25.36 0.30 0.00	27.23 0.68 0.00	26.11 0.90 0.00	29.48 1.35 0.00	38.54 1.91 0.00	44.04 2.40 0.00	44.09 2.45 0.00	44.01 2.73 0.00	50.08 3.12 0.00	49.73 3.13 0.00	48.08 2.59 0.00	45.11 2.36 0.00	46.19 2.60 0.00	42.95 2.22 0.00	40.89 1.99 0.00	37.45 1.87 0.00	34.53 1.46 0.00
RUSSELL____STATION 23914	18.48 -0.38 1.19	10.07 -0.10 0.59	9.33 -0.02 0.00	13.61 -0.14 0.00	10.31 -0.05 0.00	11.99 -0.16 0.00	21.46 -0.20 0.00	25.36 0.30 0.00	27.23 0.68 0.00	26.11 0.90 0.00	29.48 1.35 0.00	38.54 1.91 0.00	44.04 2.40 0.00	44.09 2.45 0.00	44.01 2.73 0.00	50.08 3.12 0.00	49.73 3.13 0.00	48.08 2.59 0.00	45.11 2.36 0.00	46.19 2.60 0.00	42.95 2.22 0.00	40.89 1.99 0.00	37.45 1.87 0.00	34.53 1.46 0.00
S SALMON____HYD 24043	19.77 -0.28 0.00	10.62 -0.15 0.00	9.20 -0.14 0.00	13.51 -0.24 0.00	10.20 -0.17 0.00	11.96 -0.19 0.00	21.42 -0.24 0.00	25.03 -0.04 0.00	26.60 0.05 0.00	25.32 0.10 0.00	28.13 0.00 0.00	36.68 0.02 -0.04	41.81 0.11 -0.06	41.46 -0.17 0.00	41.08 -0.20 0.00	46.99 -0.12 -0.15	46.69 0.08 0.00	45.84 0.35 0.00	43.33 0.58 0.00	44.44 0.86 0.00	41.54 0.80 0.00	39.74 0.83 0.00	36.01 0.43 0.00	33.15 0.08 0.00
S.PERRY__115KV_TB1 80734	16.85 -0.27 2.93	9.24 -0.05 1.47	9.41 0.06 0.00	13.74 -0.01 0.00	10.40 0.03 0.00	12.10 -0.05 0.00	21.80 0.14 0.00	25.87 0.80 0.00	27.77 1.22 0.00	26.49 1.28 0.00	29.90 1.77 0.00	38.96 2.33 0.00	44.33 2.70 0.00	44.14 2.51 0.00	43.36 2.08 0.00	49.41 2.45 0.00	49.17 2.56 0.00	48.01 2.52 0.00	44.79 2.04 0.00	45.92 2.34 0.00	42.77 2.03 0.00	40.72 1.82 0.00	37.12 1.54 0.00	34.13 1.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.98 -1.02 2.05	9.38 -0.35 1.03	9.16 -0.18 0.00	13.30 -0.45 0.00	10.10 -0.27 0.00	11.66 -0.49 0.00	20.91 -0.75 0.00	25.00 -0.07 0.00	27.10 0.55 0.00	26.09 0.88 0.00	29.46 1.33 0.00	38.41 1.78 0.00	43.77 2.14 0.00	43.72 2.09 0.00	43.57 2.29 0.00	49.31 2.35 0.00	48.80 2.19 0.00	46.85 1.36 0.00	43.99 1.24 0.00	45.43 1.84 0.00	42.25 1.51 0.00	40.24 1.34 0.00	37.11 1.54 0.00	34.30 1.23 0.00
SAWYER____23_KV_LOAD 55526	16.98 -1.02 2.05	9.38 -0.35 1.03	9.16 -0.18 0.00	13.30 -0.45 0.00	10.10 -0.27 0.00	11.66 -0.49 0.00	20.91 -0.75 0.00	25.00 -0.07 0.00	27.10 0.55 0.00	26.09 0.88 0.00	29.46 1.33 0.00	38.41 1.78 0.00	43.77 2.14 0.00	43.72 2.09 0.00	43.57 2.29 0.00	49.31 2.35 0.00	48.80 2.19 0.00	46.85 1.36 0.00	43.99 1.24 0.00	45.43 1.84 0.00	42.25 1.51 0.00	40.24 1.34 0.00	37.11 1.54 0.00	34.30 1.23 0.00

SELKIRK___I 23801	20.70 0.65 0.00	11.12 0.35 0.00	9.63 0.29 0.00	14.23 0.47 0.00	10.72 0.35 0.00	12.58 0.43 0.00	22.34 0.68 0.00	25.72 0.66 0.00	27.10 0.54 0.00	25.56 0.35 0.00	28.54 0.41 0.00	36.94 0.31 0.00	41.91 0.28 0.01	42.10 0.47 0.00	40.78 0.38 0.88	47.48 0.52 0.00	47.15 0.54 0.00	45.99 0.50 0.00	43.28 0.53 0.00	44.24 0.66 0.00	41.48 0.75 0.00	39.85 0.94 0.00	36.38 0.80 0.00	33.89 0.82 0.00
SELKIRK___II 23799	20.58 0.53 0.00	11.05 0.29 0.00	9.57 0.23 0.00	14.13 0.38 0.00	10.64 0.27 0.00	12.49 0.34 0.00	22.19 0.52 0.00	25.59 0.52 0.00	27.02 0.47 0.00	25.56 0.34 0.00	28.58 0.45 0.00	37.03 0.40 0.00	41.98 0.36 0.01	42.11 0.48 0.00	40.71 0.48 1.05	47.50 0.54 0.00	47.15 0.54 0.00	45.92 0.43 0.00	43.10 0.34 0.00	43.97 0.39 0.00	41.20 0.46 0.00	39.58 0.68 0.00	36.14 0.56 0.00	33.66 0.59 0.00
SENECA OSWGO___HYD 24041	19.73 -0.32 0.00	10.61 -0.16 0.00	9.21 -0.13 0.00	13.55 -0.21 0.00	10.22 -0.15 0.00	11.96 -0.19 0.00	21.32 -0.34 0.00	24.73 -0.34 0.00	26.23 -0.32 0.00	24.96 -0.26 0.00	27.98 -0.15 0.00	36.45 -0.23 -0.06	41.56 -0.16 -0.08	41.46 -0.18 0.00	41.19 -0.10 0.00	47.09 -0.09 -0.21	46.64 0.03 0.00	45.42 -0.06 0.00	42.73 -0.02 0.00	43.64 0.05 0.00	40.71 -0.03 0.00	38.89 -0.02 0.00	35.51 -0.07 0.00	32.91 -0.16 0.00
SENECA___115KV_TB3 355854	17.00 -0.83 2.22	9.39 -0.26 1.12	9.24 -0.11 0.00	13.42 -0.34 0.00	10.19 -0.18 0.00	11.77 -0.38 0.00	21.15 -0.51 0.00	25.30 0.23 0.00	27.44 0.89 0.00	26.46 1.24 0.00	29.88 1.75 0.00	38.96 2.33 0.00	44.45 2.81 0.00	44.42 2.79 0.00	44.30 3.02 0.00	50.12 3.17 0.00	49.63 3.03 0.00	47.62 2.14 0.00	44.70 1.94 0.00	46.13 2.54 0.00	42.87 2.14 0.00	40.82 1.91 0.00	37.57 1.99 0.00	34.68 1.61 0.00
SENECA___ENERGY 23797	19.39 -0.32 0.34	10.46 -0.13 0.17	9.26 -0.08 0.00	13.60 -0.15 0.00	10.28 -0.09 0.00	12.01 -0.15 0.00	21.45 -0.21 0.00	25.14 0.07 0.00	26.84 0.29 0.00	25.66 0.45 0.00	28.83 0.70 0.00	37.63 0.98 -0.02	42.94 1.27 -0.03	42.96 1.32 0.00	42.88 1.60 0.00	48.81 1.77 -0.08	48.57 1.97 0.00	47.33 1.84 0.00	44.34 1.59 0.00	45.12 1.54 0.00	41.98 1.25 0.00	40.02 1.11 0.00	36.56 0.98 0.00	33.76 0.69 0.00
SHOEMAKER___GT 23640	20.82 0.77 0.00	11.18 0.42 0.00	9.67 0.33 0.00	14.24 0.48 0.00	10.74 0.37 0.00	12.61 0.46 0.00	22.39 0.72 0.00	25.89 0.82 0.00	27.54 0.99 0.00	26.13 0.92 0.00	29.30 1.17 0.00	38.01 1.37 0.00	43.06 1.42 -0.02	43.08 1.44 0.00	44.20 1.62 -1.30	48.81 1.85 0.00	48.54 1.94 0.00	47.20 1.71 0.00	44.15 1.40 0.00	44.90 1.32 0.00	41.99 1.25 0.00	40.31 1.40 0.00	36.83 1.25 0.00	34.25 1.19 0.00
SHOEMAKR_138KV_BK 111 55601	20.81 0.76 0.00	11.18 0.41 0.00	9.67 0.33 0.00	14.24 0.48 0.00	10.74 0.37 0.00	12.61 0.46 0.00	22.37 0.71 0.00	25.89 0.82 0.00	27.54 0.99 0.00	26.14 0.93 0.00	29.32 1.19 0.00	38.03 1.40 0.00	43.11 1.46 -0.02	43.11 1.47 0.00	44.20 1.64 -1.28	48.84 1.88 0.00	48.57 1.97 0.00	47.20 1.71 0.00	44.13 1.38 0.00	44.86 1.28 0.00	41.94 1.21 0.00	40.26 1.36 0.00	36.80 1.21 0.00	34.23 1.16 0.00
SHOREHAM_IC_1 23715	21.42 1.37 0.00	11.54 0.77 0.00	9.98 0.64 0.00	14.62 0.87 0.00	11.07 0.70 0.00	12.89 0.74 0.00	22.68 1.02 0.00	26.33 1.27 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.89 2.16 -14.61	46.65 2.62 -7.40	46.78 2.75 -2.39	49.71 2.74 -5.34	66.82 2.96 -22.58	56.59 3.46 -6.18	58.76 3.42 -8.73	79.89 3.14 -31.26	81.92 2.69 -36.47	65.59 2.44 -19.56	60.39 2.23 -17.42	63.01 2.55 -21.55	61.83 2.38 -23.87	43.91 2.34 -8.50
SHOREHAM_IC_2 23716	21.42 1.37 0.00	11.54 0.77 0.00	9.98 0.64 0.00	14.62 0.87 0.00	11.07 0.70 0.00	12.89 0.74 0.00	22.68 1.02 0.00	26.33 1.27 0.00	28.05 1.50 0.00	26.77 1.56 0.00	44.89 2.16 -14.61	46.65 2.62 -7.40	46.78 2.75 -2.39	49.71 2.74 -5.34	66.82 2.96 -22.58	56.59 3.46 -6.18	58.76 3.42 -8.73	79.89 3.14 -31.26	81.92 2.69 -36.47	65.59 2.44 -19.56	60.39 2.23 -17.42	63.01 2.55 -21.55	61.83 2.38 -23.87	43.91 2.34 -8.50
SISSONVILLE___ 23735	19.81 -0.24 0.00	10.59 -0.17 0.00	9.22 -0.12 0.00	13.55 -0.21 0.00	10.18 -0.19 0.00	11.98 -0.17 0.00	21.54 -0.12 0.00	24.67 -0.39 0.00	26.16 -0.39 0.00	24.83 -0.39 0.00	27.22 -0.91 0.00	36.00 -0.63 0.00	40.81 -0.84 -0.01	40.16 -1.47 0.00	39.38 -1.90 0.00	45.13 -1.85 -0.02	44.84 -1.77 0.00	44.58 -0.91 0.00	42.20 -0.56 0.00	43.22 -0.37 0.00	40.06 -0.68 0.00	38.02 -0.88 0.00	34.84 -0.74 0.00	32.54 -0.53 0.00
SITHE_IND_GS1 24169	19.54 -0.51 0.00	10.51 -0.26 0.00	9.13 -0.21 0.00	13.42 -0.33 0.00	10.13 -0.24 0.00	11.85 -0.31 0.00	21.09 -0.57 0.00	24.41 -0.66 0.00	25.86 -0.69 0.00	24.61 -0.60 0.00	27.54 -0.59 0.00	35.70 -0.77 0.16	40.58 -0.83 0.23	40.83 -0.80 0.00	40.56 -0.72 0.00	45.50 -0.83 0.62	45.86 -0.75 0.00	44.66 -0.83 0.00	41.99 -0.76 0.00	42.84 -0.75 0.00	39.97 -0.77 0.00	38.18 -0.73 0.00	34.89 -0.69 0.00	32.36 -0.71 0.00
SITHE_IND_GS2 24170	19.54 -0.51 0.00	10.51 -0.26 0.00	9.13 -0.21 0.00	13.42 -0.33 0.00	10.13 -0.24 0.00	11.85 -0.31 0.00	21.09 -0.57 0.00	24.41 -0.66 0.00	25.86 -0.69 0.00	24.61 -0.60 0.00	27.54 -0.59 0.00	35.70 -0.77 0.16	40.58 -0.83 0.23	40.83 -0.80 0.00	40.56 -0.72 0.00	45.50 -0.83 0.62	45.86 -0.75 0.00	44.66 -0.83 0.00	41.99 -0.76 0.00	42.84 -0.75 0.00	39.97 -0.77 0.00	38.18 -0.73 0.00	34.89 -0.69 0.00	32.36 -0.71 0.00
SITHE_IND_GS3 24171	19.54 -0.51 0.00	10.51 -0.26 0.00	9.13 -0.21 0.00	13.42 -0.33 0.00	10.13 -0.24 0.00	11.85 -0.31 0.00	21.09 -0.57 0.00	24.41 -0.66 0.00	25.86 -0.69 0.00	24.61 -0.60 0.00	27.54 -0.59 0.00	35.70 -0.77 0.16	40.58 -0.83 0.23	40.83 -0.80 0.00	40.56 -0.72 0.00	45.50 -0.83 0.62	45.86 -0.75 0.00	44.66 -0.83 0.00	41.99 -0.76 0.00	42.84 -0.75 0.00	39.97 -0.77 0.00	38.18 -0.73 0.00	34.89 -0.69 0.00	32.36 -0.71 0.00
SITHE_IND_GS4 24172	19.54 -0.51 0.00	10.51 -0.26 0.00	9.13 -0.21 0.00	13.42 -0.33 0.00	10.13 -0.24 0.00	11.85 -0.31 0.00	21.09 -0.57 0.00	24.41 -0.66 0.00	25.86 -0.69 0.00	24.61 -0.60 0.00	27.54 -0.59 0.00	35.70 -0.77 0.16	40.58 -0.83 0.23	40.83 -0.80 0.00	40.56 -0.72 0.00	45.50 -0.83 0.62	45.86 -0.75 0.00	44.66 -0.83 0.00	41.99 -0.76 0.00	42.84 -0.75 0.00	39.97 -0.77 0.00	38.18 -0.73 0.00	34.89 -0.69 0.00	32.36 -0.71 0.00
SITHE___BATAVIA 24024	18.04 -0.40 1.61	9.91 -0.04 0.81	9.41 0.06 0.00	13.67 -0.09 0.00	10.39 0.02 0.00	12.03 -0.12 0.00	21.59 -0.07 0.00	25.79 0.72 0.00	27.84 1.29 0.00	26.72 1.51 0.00	30.09 1.96 0.00	39.25 2.62 0.00	44.93 3.30 0.00	44.98 3.35 0.00	44.94 3.65 0.00	51.06 4.10 0.00	50.75 4.14 0.00	48.89 3.41 0.00	45.92 3.17 0.00	47.27 3.69 0.00	44.00 3.27 0.00	41.91 3.00 0.00	38.47 2.89 0.00	35.44 2.37 0.00

SITHE___INDEPEND 23800	19.54 -0.51 0.00	10.51 -0.26 0.00	9.13 -0.21 0.00	13.42 -0.33 0.00	10.13 -0.24 0.00	11.85 -0.31 0.00	21.09 -0.57 0.00	24.40 -0.66 0.00	25.86 -0.69 0.00	24.61 -0.60 0.00	27.54 -0.59 0.00	35.70 -0.77 0.16	40.58 -0.83 0.23	40.83 -0.80 0.00	40.56 -0.72 0.00	45.50 -0.83 0.62	45.86 -0.75 0.00	44.66 -0.83 0.00	41.99 -0.77 0.00	42.84 -0.75 0.00	39.97 -0.76 0.00	38.18 -0.73 0.00	34.90 -0.68 0.00	32.36 -0.71 0.00
SITHE___MASSENA 23902	19.91 -0.14 0.00	10.68 -0.09 0.00	9.29 -0.05 0.00	13.65 -0.10 0.00	10.28 -0.09 0.00	12.06 -0.09 0.00	21.60 -0.05 0.00	24.78 -0.29 0.00	26.19 -0.35 0.00	24.87 -0.34 0.00	27.46 -0.67 0.00	36.18 -0.45 0.00	41.07 -0.56 0.00	40.82 -0.81 0.00	40.16 -1.13 0.00	45.87 -1.09 0.00	45.57 -1.03 0.00	45.08 -0.41 0.00	42.53 -0.23 0.00	43.50 -0.09 0.00	40.29 -0.44 0.00	38.16 -0.75 0.00	34.91 -0.66 0.00	32.55 -0.52 0.00
SITHE___OGDNSBRG 24021	20.15 0.10 0.00	10.79 0.02 0.00	9.40 0.06 0.00	13.81 0.06 0.00	10.39 0.02 0.00	12.21 0.06 0.00	21.95 0.28 0.00	25.17 0.10 0.00	26.63 0.08 0.00	25.24 0.03 0.00	27.48 -0.65 0.00	36.23 -0.40 0.00	41.12 -0.52 0.00	40.72 -0.92 0.00	39.96 -1.32 0.00	45.75 -1.21 0.00	45.42 -1.18 0.00	45.13 -0.36 0.00	42.74 -0.01 0.00	44.06 0.47 0.00	41.08 0.34 0.00	38.93 0.02 0.00	35.59 0.01 0.00	33.12 0.05 0.00
SITHE___STERLING 23777	20.42 0.37 0.00	10.96 0.20 0.00	9.51 0.16 0.00	13.99 0.23 0.00	10.56 0.19 0.00	12.39 0.24 0.00	22.16 0.50 0.00	25.75 0.68 0.00	27.31 0.76 0.00	25.96 0.75 0.00	28.97 0.84 0.00	37.82 1.18 -0.01	43.08 1.43 -0.01	43.15 1.51 0.00	42.88 1.60 0.00	48.92 1.93 -0.04	48.72 2.11 0.00	47.61 2.12 0.00	44.97 2.22 0.00	46.06 2.47 0.00	43.00 2.26 0.00	41.03 2.12 0.00	37.26 1.68 0.00	34.40 1.33 0.00
SLEIGHT__34_KV_TB1 80719	18.99 -0.42 0.64	10.29 -0.15 0.32	9.25 -0.09 0.00	13.56 -0.20 0.00	10.26 -0.11 0.00	11.96 -0.19 0.00	21.39 -0.27 0.00	25.15 0.08 0.00	26.89 0.34 0.00	25.74 0.53 0.00	28.96 0.83 0.00	37.87 1.23 -0.01	43.19 1.54 -0.01	43.27 1.64 0.00	43.18 1.90 0.00	49.10 2.12 -0.02	48.84 2.23 0.00	47.38 1.89 0.00	44.47 1.71 0.00	45.36 1.77 0.00	42.19 1.46 0.00	40.18 1.27 0.00	36.75 1.18 0.00	33.91 0.84 0.00
SOUTH CAIRO___GT 23612	21.27 1.22 0.00	11.41 0.64 0.00	9.88 0.54 0.00	14.59 0.84 0.00	10.99 0.62 0.00	12.91 0.76 0.00	22.97 1.31 0.00	26.49 1.42 0.00	27.75 1.20 0.00	26.01 0.80 0.00	29.04 0.91 0.00	37.47 0.84 0.00	42.63 1.00 0.01	43.08 1.44 0.00	42.08 1.39 0.58	48.76 1.81 0.00	48.72 2.11 0.00	47.76 2.28 0.00	45.36 2.60 0.00	46.72 3.13 0.00	43.89 3.15 0.00	42.06 3.16 0.00	38.16 2.57 0.00	35.34 2.27 0.00
SOUTH HAMPTN___IC 23720	21.85 1.80 0.00	11.77 1.01 0.00	10.18 0.84 0.00	14.93 1.18 0.00	11.30 0.93 0.00	13.16 1.01 0.00	23.21 1.55 0.00	26.98 1.91 0.00	28.79 2.24 0.00	27.55 2.34 0.00	45.82 3.08 -14.61	47.88 3.85 -7.40	48.19 4.17 -2.39	51.17 4.18 -5.35	68.44 4.44 -22.72	58.43 5.23 -6.24	60.77 5.38 -8.79	81.90 5.00 -31.41	83.64 4.41 -36.47	67.37 4.15 -19.64	61.95 3.71 -17.51	64.32 3.75 -21.66	62.87 3.42 -23.87	44.81 3.24 -8.50
SOUTHDOW__115KV_TB1 355954	16.82 -0.72 2.51	9.31 -0.19 1.26	9.30 -0.04 0.00	13.55 -0.20 0.00	10.25 -0.12 0.00	11.89 -0.26 0.00	21.58 -0.08 0.00	26.01 0.95 0.00	28.34 1.79 0.00	27.46 2.24 0.00	31.09 2.96 0.00	40.35 3.72 0.00	46.09 4.45 0.00	46.14 4.50 0.00	46.17 4.89 0.00	52.13 5.17 0.00	51.53 4.93 0.00	49.41 3.92 0.00	46.19 3.44 0.00	47.60 4.02 0.00	44.09 3.36 0.00	41.72 2.82 0.00	38.07 2.49 0.00	35.09 2.02 0.00
SOUTHOLD_69_KV_BK 2 55809	22.13 2.07 0.00	11.92 1.16 0.00	10.32 0.98 0.00	15.13 1.38 0.00	11.45 1.08 0.00	13.34 1.19 0.00	23.55 1.89 0.00	27.40 2.34 0.00	29.28 2.73 0.00	28.04 2.83 0.00	46.38 3.64 -14.61	48.61 4.58 -7.40	49.04 5.02 -2.39	52.04 5.05 -5.35	69.33 5.34 -22.72	59.51 6.31 -6.24	61.90 6.52 -8.79	83.00 6.10 -31.41	84.65 5.43 -36.47	68.40 5.18 -19.64	62.87 4.62 -17.51	65.13 4.57 -21.66	63.57 4.12 -23.87	45.39 3.83 -8.49
SOUTHOLD___IC 23719	22.13 2.07 0.00	11.92 1.16 0.00	10.32 0.98 0.00	15.13 1.38 0.00	11.45 1.08 0.00	13.34 1.19 0.00	23.55 1.89 0.00	27.40 2.34 0.00	29.28 2.73 0.00	28.04 2.83 0.00	46.38 3.64 -14.61	48.62 4.59 -7.40	49.03 5.01 -2.39	52.04 5.05 -5.35	69.34 5.34 -22.72	59.50 6.31 -6.24	61.92 6.53 -8.79	83.00 6.10 -31.41	84.66 5.43 -36.47	68.40 5.18 -19.64	62.87 4.63 -17.51	65.13 4.57 -21.66	63.57 4.13 -23.87	45.40 3.83 -8.50
SOUTH_FORK_WT_PWR 323839	22.20 2.15 0.00	11.97 1.21 0.00	10.36 1.02 0.00	15.20 1.44 0.00	11.51 1.14 0.00	13.40 1.25 0.00	23.67 2.01 0.00	27.54 2.47 0.00	29.43 2.88 0.00	28.19 2.98 0.00	46.55 3.81 -14.61	48.87 4.84 -7.40	49.32 5.29 -2.39	52.34 5.35 -5.35	69.64 5.64 -22.72	59.87 6.67 -6.24	62.29 6.90 -8.79	83.35 6.45 -31.41	84.95 5.73 -36.47	68.72 5.50 -19.64	63.12 4.88 -17.51	65.34 4.77 -21.66	63.77 4.32 -23.87	45.58 4.01 -8.50
SPIERFLS_115KV_TB 1 80737	21.56 1.51 0.00	11.53 0.76 0.00	9.96 0.62 0.00	14.71 0.95 0.00	11.12 0.75 0.00	13.09 0.94 0.00	23.40 1.74 0.00	27.03 1.97 0.00	28.37 1.82 0.00	26.58 1.37 0.00	29.42 1.29 0.00	37.98 1.36 0.00	43.38 1.77 0.02	43.46 1.83 0.00	41.43 1.68 1.53	49.06 2.10 0.00	48.53 1.92 0.00	47.50 2.01 0.00	44.63 1.88 0.00	45.36 1.78 0.00	42.91 2.17 0.00	41.28 2.37 0.00	37.83 2.25 0.00	35.13 2.06 0.00
ST LAWRENCE____ 23600	19.72 -0.33 0.00	10.58 -0.19 0.00	9.20 -0.15 0.00	13.52 -0.23 0.00	10.18 -0.19 0.00	11.94 -0.21 0.00	21.39 -0.27 0.00	24.70 -0.37 0.00	26.09 -0.46 0.00	24.78 -0.44 0.00	27.45 -0.68 0.00	35.97 -0.66 0.00	40.90 -0.73 0.00	40.76 -0.87 0.00	40.23 -1.06 0.00	45.78 -1.18 0.00	45.44 -1.17 0.00	44.71 -0.78 0.00	42.13 -0.62 0.00	43.05 -0.54 0.00	40.16 -0.57 0.00	38.04 -0.87 0.00	34.80 -0.78 0.00	32.43 -0.64 0.00
STATE_CA_115KV_115_LB 55624	20.68 0.64 0.00	11.11 0.35 0.00	9.62 0.28 0.00	14.20 0.45 0.00	10.70 0.32 0.00	12.56 0.40 0.00	22.29 0.63 0.00	25.72 0.66 0.00	27.15 0.60 0.00	25.66 0.45 0.00	28.72 0.59 0.00	37.20 0.57 0.00	42.24 0.62 0.02	42.39 0.75 0.00	40.54 0.71 1.46	47.81 0.85 0.00	47.49 0.88 0.00	46.29 0.80 0.00	43.43 0.68 0.00	44.29 0.71 0.00	41.49 0.75 0.00	39.88 0.97 0.00	36.37 0.79 0.00	33.86 0.79 0.00
STATE_ST_34_KV_LOAD 55959	20.70 0.02 -0.63	11.12 0.04 -0.32	9.38 0.03 0.00	13.80 0.05 0.00	10.44 0.07 0.00	12.20 0.05 0.00	21.72 0.05 0.00	25.35 0.28 0.00	26.97 0.42 0.00	25.69 0.48 0.00	28.78 0.65 0.00	37.54 0.88 -0.03	42.60 0.93 -0.04	42.77 1.13 0.00	42.62 1.34 0.00	48.46 1.41 -0.10	48.26 1.65 0.00	47.06 1.58 0.00	44.39 1.63 0.00	45.02 1.44 0.00	41.91 1.17 0.00	40.00 1.09 0.00	36.61 1.03 0.00	33.75 0.68 0.00

STATION_5_MISC_HYD 23604	18.38 -0.49 1.19	10.02 -0.15 0.59	9.29 -0.06 0.00	13.55 -0.20 0.00	10.27 -0.09 0.00	11.94 -0.21 0.00	21.37 -0.30 0.00	25.24 0.17 0.00	27.09 0.54 0.00	25.98 0.76 0.00	29.31 1.18 0.00	38.28 1.65 0.00	43.72 2.08 0.00	43.75 2.12 0.00	43.64 2.36 0.00	49.63 2.67 0.00	49.26 2.66 0.00	47.61 2.12 0.00	44.68 1.92 0.00	45.77 2.19 0.00	42.58 1.84 0.00	40.54 1.64 0.00	37.16 1.58 0.00	34.29 1.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.68 -0.27 1.09	10.14 -0.07 0.55	9.33 -0.01 0.00	13.66 -0.09 0.00	10.33 -0.03 0.00	12.05 -0.10 0.00	21.57 -0.09 0.00	25.40 0.34 0.00	27.21 0.66 0.00	26.05 0.84 0.00	29.34 1.21 0.00	38.35 1.71 -0.01	43.77 2.12 -0.01	43.81 2.18 0.00	43.72 2.44 0.00	49.80 2.82 -0.03	49.52 2.92 0.00	47.93 2.44 0.00	44.92 2.17 0.00	45.89 2.30 0.00	42.69 1.96 0.00	40.67 1.77 0.00	37.17 1.59 0.00	34.30 1.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.36 -0.55 1.15	10.00 -0.19 0.57	9.24 -0.10 0.00	13.50 -0.26 0.00	10.22 -0.15 0.00	11.89 -0.26 0.00	21.28 -0.38 0.00	25.11 0.04 0.00	26.94 0.39 0.00	25.83 0.62 0.00	29.14 1.01 0.00	38.08 1.45 0.00	43.48 1.85 0.00	43.51 1.87 0.00	43.42 2.14 0.00	49.40 2.44 0.00	49.06 2.46 0.00	47.43 1.94 0.00	44.49 1.73 0.00	45.55 1.96 0.00	42.35 1.62 0.00	40.34 1.43 0.00	36.94 1.36 0.00	34.09 1.03 0.00
STA_56___34_KV_BUS2 355983	18.36 -0.55 1.15	10.00 -0.19 0.57	9.24 -0.10 0.00	13.50 -0.26 0.00	10.22 -0.15 0.00	11.89 -0.26 0.00	21.28 -0.38 0.00	25.11 0.04 0.00	26.94 0.39 0.00	25.83 0.62 0.00	29.14 1.01 0.00	38.08 1.45 0.00	43.48 1.85 0.00	43.51 1.87 0.00	43.42 2.14 0.00	49.40 2.44 0.00	49.06 2.46 0.00	47.43 1.94 0.00	44.49 1.73 0.00	45.55 1.96 0.00	42.35 1.62 0.00	40.34 1.43 0.00	36.94 1.36 0.00	34.09 1.03 0.00
STA_67___115KV_BK2 355882	18.35 -0.52 1.18	10.00 -0.17 0.59	9.27 -0.07 0.00	13.53 -0.23 0.00	10.25 -0.12 0.00	11.91 -0.24 0.00	21.32 -0.34 0.00	25.18 0.11 0.00	27.02 0.47 0.00	25.90 0.69 0.00	29.22 1.09 0.00	38.16 1.53 0.00	43.55 1.92 0.00	43.58 1.95 0.00	43.47 2.19 0.00	49.42 2.46 0.00	49.06 2.46 0.00	47.40 1.92 0.00	44.50 1.75 0.00	45.60 2.01 0.00	42.42 1.69 0.00	40.40 1.50 0.00	37.03 1.45 0.00	34.18 1.12 0.00
STA_7___115KV_9TRANS 80674	18.48 -0.38 1.19	10.07 -0.10 0.59	9.33 -0.02 0.00	13.61 -0.14 0.00	10.31 -0.05 0.00	11.99 -0.16 0.00	21.46 -0.20 0.00	25.36 0.30 0.00	27.23 0.68 0.00	26.11 0.90 0.00	29.48 1.35 0.00	38.54 1.91 0.00	44.04 2.40 0.00	44.09 2.45 0.00	44.01 2.73 0.00	50.08 3.12 0.00	49.73 3.13 0.00	48.08 2.59 0.00	45.11 2.36 0.00	46.19 2.60 0.00	42.95 2.22 0.00	40.89 1.99 0.00	37.45 1.87 0.00	34.53 1.46 0.00
STA_82___115KV_TB1 80780	18.34 -0.51 1.20	10.00 -0.16 0.60	9.27 -0.07 0.00	13.54 -0.22 0.00	10.25 -0.12 0.00	11.92 -0.24 0.00	21.33 -0.33 0.00	25.19 0.13 0.00	27.04 0.49 0.00	25.91 0.70 0.00	29.23 1.10 0.00	38.18 1.55 0.00	43.59 1.95 0.00	43.60 1.97 0.00	43.49 2.21 0.00	49.45 2.49 0.00	49.10 2.50 0.00	47.44 1.95 0.00	44.53 1.77 0.00	45.62 2.03 0.00	42.44 1.71 0.00	40.43 1.53 0.00	37.06 1.48 0.00	34.21 1.14 0.00
STEEL___WIND 323596	16.95 -0.88 2.22	9.37 -0.29 1.12	9.22 -0.12 0.00	13.39 -0.37 0.00	10.17 -0.20 0.00	11.75 -0.40 0.00	21.11 -0.55 0.00	25.27 0.20 0.00	27.40 0.84 0.00	26.40 1.19 0.00	29.81 1.68 0.00	38.86 2.23 0.00	44.36 2.72 0.00	44.34 2.71 0.00	44.23 2.95 0.00	50.04 3.08 0.00	49.57 2.96 0.00	47.57 2.09 0.00	44.65 1.89 0.00	46.06 2.47 0.00	42.78 2.05 0.00	40.76 1.85 0.00	37.52 1.95 0.00	34.62 1.55 0.00
STEPHTWN_115KV_BK_2 55603	20.73 0.68 0.00	11.12 0.36 0.00	9.63 0.29 0.00	14.20 0.44 0.00	10.71 0.34 0.00	12.59 0.44 0.00	22.40 0.74 0.00	25.87 0.80 0.00	27.25 0.71 0.00	25.75 0.54 0.00	28.79 0.66 0.00	37.41 0.78 0.00	42.43 0.82 0.02	42.54 0.90 0.00	40.72 0.86 1.42	48.09 1.13 0.00	47.87 1.27 0.00	46.54 1.05 0.00	43.73 0.98 0.00	44.65 1.06 0.00	41.69 0.96 0.00	40.15 1.25 0.00	36.58 1.00 0.00	33.98 0.91 0.00
STEUBEN_REC_LFGE 323667	12.13 -1.18 6.74	6.83 -0.55 3.38	9.02 -0.33 0.00	13.23 -0.52 0.00	9.96 -0.41 0.00	11.56 -0.59 0.00	20.91 -0.75 0.00	25.12 0.05 0.00	27.39 0.84 0.00	26.43 1.22 0.00	29.76 1.63 0.00	38.83 2.19 -0.01	44.38 2.73 -0.01	44.34 2.70 0.00	44.26 2.98 0.00	50.23 3.24 -0.03	49.77 3.16 0.00	47.99 2.50 0.00	44.38 1.63 0.00	46.09 2.50 0.00	42.71 1.98 0.00	40.40 1.49 0.00	36.58 0.99 0.00	33.82 0.75 0.00
STILLWATER___SOLAR 323814	21.20 1.16 0.00	11.37 0.61 0.00	9.84 0.49 0.00	14.52 0.77 0.00	10.96 0.59 0.00	12.89 0.73 0.00	22.98 1.32 0.00	26.51 1.44 0.00	27.91 1.36 0.00	26.28 1.07 0.00	29.27 1.14 0.00	37.88 1.25 0.00	43.22 1.60 0.02	43.32 1.69 0.00	41.13 1.53 1.69	48.76 1.80 0.00	48.44 1.83 0.00	47.32 1.83 0.00	44.51 1.76 0.00	45.40 1.82 0.00	42.68 1.95 0.00	41.03 2.12 0.00	37.45 1.88 0.00	34.86 1.79 0.00
STONY___BROOK 24151	21.54 1.49 0.00	11.61 0.84 0.00	10.04 0.70 0.00	14.71 0.96 0.00	11.12 0.75 0.00	12.96 0.81 0.00	22.80 1.14 0.00	26.48 1.42 0.00	28.21 1.66 0.00	26.94 1.73 0.00	45.12 2.39 -14.61	46.94 2.92 -7.40	47.13 3.10 -2.39	49.95 3.07 -5.25	66.48 3.23 -21.96	56.59 3.75 -5.89	58.83 3.75 -8.46	79.34 3.30 -30.56	82.06 2.83 -36.47	65.45 2.67 -19.20	60.20 2.46 -17.01	62.61 2.65 -21.05	61.98 2.52 -23.87	44.10 2.53 -8.50
STURGEON_POOL_HYD 23609	20.93 0.88 0.00	11.23 0.47 0.00	9.70 0.36 0.00	14.28 0.52 0.00	10.76 0.39 0.00	12.66 0.51 0.00	22.52 0.86 0.00	26.05 0.99 0.00	27.77 1.23 0.00	26.38 1.17 0.00	29.64 1.51 0.00	38.45 1.83 0.00	43.53 1.89 -0.01	43.54 1.90 0.00	44.17 2.18 -0.71	49.43 2.47 0.00	49.16 2.55 0.00	47.71 2.22 0.00	44.50 1.74 0.00	45.12 1.54 0.00	42.16 1.42 0.00	40.51 1.60 0.00	37.02 1.44 0.00	34.43 1.36 0.00
ST_LAW_115_BK7_LBMP 345037	19.71 -0.34 0.00	10.57 -0.20 0.00	9.19 -0.15 0.00	13.51 -0.24 0.00	10.18 -0.20 0.00	11.93 -0.22 0.00	21.38 -0.28 0.00	24.66 -0.41 0.00	26.05 -0.49 0.00	24.74 -0.47 0.00	27.38 -0.75 0.00	35.91 -0.72 0.00	40.82 -0.82 0.00	40.65 -0.98 0.00	40.09 -1.19 0.00	45.68 -1.28 0.00	45.33 -1.27 0.00	44.64 -0.85 0.00	42.07 -0.69 0.00	42.99 -0.59 0.00	40.09 -0.64 0.00	37.97 -0.94 0.00	34.74 -0.84 0.00	32.37 -0.70 0.00
ST_LAW_115_BK8_LBMP 345038	19.71 -0.34 0.00	10.57 -0.20 0.00	9.19 -0.15 0.00	13.51 -0.24 0.00	10.18 -0.20 0.00	11.93 -0.22 0.00	21.38 -0.28 0.00	24.66 -0.41 0.00	26.05 -0.49 0.00	24.74 -0.47 0.00	27.38 -0.75 0.00	35.91 -0.72 0.00	40.82 -0.82 0.00	40.65 -0.98 0.00	40.09 -1.19 0.00	45.68 -1.28 0.00	45.33 -1.27 0.00	44.64 -0.85 0.00	42.07 -0.69 0.00	42.99 -0.59 0.00	40.09 -0.64 0.00	37.97 -0.94 0.00	34.74 -0.84 0.00	32.37 -0.70 0.00

ST_LAW_230_BK5_LBMP 345035	19.72 -0.33 0.00	10.58 -0.19 0.00	9.20 -0.15 0.00	13.52 -0.23 0.00	10.18 -0.19 0.00	11.94 -0.21 0.00	21.39 -0.27 0.00	24.70 -0.37 0.00	26.09 -0.46 0.00	24.78 -0.44 0.00	27.45 -0.68 0.00	35.97 -0.66 0.00	40.90 -0.73 0.00	40.76 -0.87 0.00	40.23 -1.06 0.00	45.78 -1.18 0.00	45.44 -1.17 0.00	44.71 -0.78 0.00	42.13 -0.62 0.00	43.05 -0.54 0.00	40.16 -0.57 0.00	38.04 -0.87 0.00	34.80 -0.78 0.00	32.43 -0.64 0.00
ST_LAW_230_BK6_LBMP 345036	19.72 -0.33 0.00	10.58 -0.19 0.00	9.20 -0.15 0.00	13.52 -0.23 0.00	10.18 -0.19 0.00	11.94 -0.21 0.00	21.39 -0.27 0.00	24.70 -0.37 0.00	26.09 -0.46 0.00	24.78 -0.44 0.00	27.45 -0.68 0.00	35.97 -0.66 0.00	40.90 -0.73 0.00	40.76 -0.87 0.00	40.23 -1.06 0.00	45.78 -1.18 0.00	45.44 -1.17 0.00	44.71 -0.78 0.00	42.13 -0.62 0.00	43.05 -0.54 0.00	40.16 -0.57 0.00	38.04 -0.87 0.00	34.80 -0.78 0.00	32.43 -0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.91 0.86 0.00	11.23 0.46 0.00	9.71 0.37 0.00	14.30 0.54 0.00	10.78 0.41 0.00	12.66 0.51 0.00	22.46 0.80 0.00	26.00 0.93 0.00	27.69 1.14 0.00	26.29 1.08 0.00	29.53 1.40 0.00	38.32 1.69 0.00	43.44 1.79 -0.02	43.45 1.81 0.00	44.63 1.99 -1.36	49.23 2.27 0.00	48.96 2.35 0.00	47.53 2.04 0.00	44.35 1.59 0.00	45.03 1.45 0.00	42.08 1.34 0.00	40.40 1.50 0.00	36.92 1.34 0.00	34.36 1.29 0.00
SWANROAD_115KV_TB1 355699	16.89 -1.27 1.90	9.35 -0.46 0.95	9.06 -0.28 0.00	13.11 -0.64 0.00	9.99 -0.38 0.00	11.49 -0.66 0.00	20.58 -1.08 0.00	24.62 -0.45 0.00	26.69 0.14 0.00	25.69 0.48 0.00	28.96 0.83 0.00	37.77 1.14 0.00	43.03 1.39 0.00	42.97 1.34 0.00	42.82 1.54 0.00	48.45 1.49 0.00	47.95 1.35 0.00	46.05 0.56 0.00	43.26 0.50 0.00	44.71 1.12 0.00	41.60 0.86 0.00	39.66 0.75 0.00	36.63 1.05 0.00	33.88 0.81 0.00
SYNERGY___BIOGAS 323694	18.04 -0.40 1.61	9.91 -0.04 0.81	9.41 0.06 0.00	13.67 -0.09 0.00	10.39 0.02 0.00	12.03 -0.12 0.00	21.59 -0.07 0.00	25.79 0.72 0.00	27.84 1.29 0.00	26.72 1.51 0.00	30.09 1.96 0.00	39.25 2.62 0.00	44.93 3.30 0.00	44.98 3.35 0.00	44.94 3.65 0.00	51.06 4.10 0.00	50.75 4.14 0.00	48.89 3.41 0.00	45.92 3.17 0.00	47.27 3.69 0.00	44.00 3.27 0.00	41.91 3.00 0.00	38.47 2.89 0.00	35.44 2.37 0.00
SYRACUSE___ENERGY_ST1 323597	19.96 -0.08 0.00	10.74 -0.02 0.00	9.33 -0.01 0.00	13.71 -0.04 0.00	10.36 0.00 0.00	12.12 -0.04 0.00	21.59 -0.07 0.00	25.08 0.02 0.00	26.62 0.07 0.00	25.36 0.15 0.00	28.41 0.28 0.00	37.04 0.38 -0.03	42.23 0.55 -0.04	42.24 0.61 0.00	42.02 0.74 0.00	47.91 0.83 -0.12	47.58 0.97 0.00	46.34 0.85 0.00	43.57 0.81 0.00	44.34 0.75 0.00	41.32 0.59 0.00	39.45 0.54 0.00	36.03 0.44 0.00	33.36 0.29 0.00
SYRACUSE___ENERGY_ST2 323598	19.96 -0.08 0.00	10.74 -0.02 0.00	9.33 -0.01 0.00	13.71 -0.04 0.00	10.36 0.00 0.00	12.12 -0.04 0.00	21.59 -0.07 0.00	25.08 0.02 0.00	26.62 0.07 0.00	25.36 0.15 0.00	28.41 0.28 0.00	37.04 0.38 -0.03	42.23 0.55 -0.04	42.24 0.61 0.00	42.02 0.74 0.00	47.91 0.83 -0.12	47.58 0.97 0.00	46.34 0.85 0.00	43.57 0.81 0.00	44.34 0.75 0.00	41.32 0.59 0.00	39.45 0.54 0.00	36.03 0.44 0.00	33.36 0.29 0.00
SYRACUSE___POWER 24017	19.93 -0.13 0.00	10.71 -0.05 0.00	9.31 -0.03 0.00	13.69 -0.07 0.00	10.33 -0.03 0.00	12.09 -0.06 0.00	21.55 -0.11 0.00	25.02 -0.04 0.00	26.57 0.03 0.00	25.32 0.10 0.00	28.39 0.26 0.00	37.01 0.36 -0.02	42.21 0.54 -0.03	42.20 0.57 0.00	41.98 0.70 0.00	47.85 0.81 -0.08	47.53 0.92 0.00	46.27 0.78 0.00	43.50 0.75 0.00	44.31 0.72 0.00	41.29 0.56 0.00	39.42 0.51 0.00	35.98 0.40 0.00	33.36 0.29 0.00
TALLMAN___138KV_BK151 55660	21.03 0.98 0.00	11.29 0.52 0.00	9.75 0.41 0.00	14.36 0.61 0.00	10.83 0.46 0.00	12.73 0.58 0.00	22.56 0.90 0.00	26.12 1.05 0.00	27.85 1.30 0.00	26.45 1.24 0.00	29.76 1.63 0.00	38.62 1.99 0.00	43.77 2.12 -0.02	43.74 2.11 0.00	45.03 2.28 -1.47	49.54 2.58 0.00	49.25 2.65 0.00	47.74 2.25 0.00	44.46 1.71 0.00	45.10 1.52 0.00	42.14 1.40 0.00	40.48 1.57 0.00	37.01 1.43 0.00	34.48 1.41 0.00
TEALLAVE_115KV_TB7 355573	19.87 -0.18 0.00	10.68 -0.08 0.00	9.29 -0.05 0.00	13.65 -0.10 0.00	10.30 -0.06 0.00	12.06 -0.09 0.00	21.50 -0.16 0.00	24.96 -0.10 0.00	26.50 -0.05 0.00	25.26 0.05 0.00	28.32 0.19 0.00	36.91 0.27 -0.02	42.08 0.42 -0.02	42.07 0.43 0.00	41.82 0.54 0.00	47.66 0.64 -0.07	47.34 0.74 0.00	46.08 0.59 0.00	43.32 0.57 0.00	44.16 0.57 0.00	41.16 0.43 0.00	39.30 0.39 0.00	35.87 0.29 0.00	33.27 0.20 0.00
TELGRAPH_34_KV_EAST 80808	17.52 -0.80 1.73	9.66 -0.24 0.87	9.25 -0.09 0.00	13.41 -0.34 0.00	10.21 -0.16 0.00	11.78 -0.37 0.00	21.12 -0.54 0.00	25.26 0.20 0.00	27.32 0.77 0.00	26.28 1.07 0.00	29.64 1.51 0.00	38.67 2.04 0.00	44.14 2.50 0.00	44.14 2.50 0.00	44.03 2.75 0.00	49.89 2.93 0.00	49.44 2.83 0.00	47.58 2.09 0.00	44.68 1.92 0.00	46.08 2.50 0.00	42.89 2.16 0.00	40.86 1.96 0.00	37.62 2.04 0.00	34.72 1.66 0.00
TEMPLE___115KV_TB 2 55572	19.88 -0.17 0.00	10.69 -0.07 0.00	9.29 -0.05 0.00	13.66 -0.09 0.00	10.31 -0.05 0.00	12.06 -0.09 0.00	21.50 -0.16 0.00	24.97 -0.10 0.00	26.53 -0.02 0.00	25.28 0.07 0.00	28.35 0.22 0.00	36.94 0.30 -0.02	42.12 0.46 -0.02	42.11 0.47 0.00	41.88 0.60 0.00	47.71 0.68 -0.07	47.39 0.78 0.00	46.13 0.64 0.00	43.36 0.60 0.00	44.18 0.60 0.00	41.18 0.44 0.00	39.32 0.41 0.00	35.89 0.31 0.00	33.28 0.22 0.00
TIANA____69_KV_BK 1 55817	21.76 1.71 0.00	11.72 0.96 0.00	10.14 0.80 0.00	14.87 1.11 0.00	11.25 0.88 0.00	13.11 0.95 0.00	23.09 1.43 0.00	26.85 1.78 0.00	28.64 2.09 0.00	27.38 2.17 0.00	45.62 2.88 -14.61	47.60 3.57 -7.40	47.89 3.86 -2.39	50.86 3.87 -5.35	68.11 4.12 -22.72	58.04 4.84 -6.24	60.38 4.98 -8.79	81.52 4.62 -31.41	83.28 4.06 -36.47	67.04 3.81 -19.64	61.65 3.41 -17.51	64.07 3.50 -21.66	62.64 3.20 -23.87	44.62 3.06 -8.49
TILDEN___115KV_TB1 80814	19.93 -0.13 0.00	10.71 -0.05 0.00	9.31 -0.03 0.00	13.69 -0.07 0.00	10.33 -0.03 0.00	12.09 -0.06 0.00	21.55 -0.11 0.00	25.02 -0.04 0.00	26.57 0.03 0.00	25.32 0.10 0.00	28.39 0.26 0.00	37.01 0.36 -0.02	42.21 0.54 -0.03	42.20 0.57 0.00	41.98 0.70 0.00	47.85 0.81 -0.08	47.53 0.92 0.00	46.27 0.78 0.00	43.50 0.75 0.00	44.31 0.72 0.00	41.29 0.56 0.00	39.42 0.51 0.00	35.98 0.40 0.00	33.36 0.29 0.00
TRIGEN___CC 323695	21.40 1.35 0.00	11.52 0.75 0.00	9.96 0.61 0.00	14.61 0.86 0.00	11.03 0.66 0.00	12.91 0.75 0.00	22.78 1.12 0.00	26.42 1.36 0.00	28.15 1.61 0.00	26.84 1.63 0.00	44.93 2.19 -14.61	46.70 2.67 -7.40	46.85 2.83 -2.39	50.00 2.83 -5.54	68.37 2.96 -24.12	57.17 3.32 -6.89	59.34 3.35 -9.38	81.42 2.93 -33.00	81.61 2.39 -36.47	66.26 2.21 -20.47	61.24 2.07 -18.43	64.00 2.33 -22.77	61.63 2.18 -23.87	43.68 2.11 -8.49

TRINITY__115KV__4 BK 55933	20.62 0.56 0.00	11.08 0.31 0.00	9.59 0.25 0.00	14.16 0.40 0.00	10.66 0.29 0.00	12.52 0.36 0.00	22.21 0.55 0.00	25.62 0.55 0.00	27.02 0.47 0.00	25.53 0.31 0.00	28.56 0.43 0.00	36.97 0.34 0.00	41.93 0.31 0.02	42.08 0.44 0.00	40.27 0.42 1.43	47.42 0.46 0.00	47.08 0.47 0.00	45.88 0.39 0.00	43.04 0.29 0.00	43.92 0.33 0.00	41.16 0.42 0.00	39.58 0.67 0.00	36.11 0.54 0.00	33.65 0.58 0.00
UNION__PROCESSING_DRP 323587	18.35 -0.51 1.19	10.00 -0.16 0.60	9.27 -0.07 0.00	13.54 -0.22 0.00	10.26 -0.11 0.00	11.92 -0.23 0.00	21.34 -0.33 0.00	25.20 0.13 0.00	27.05 0.50 0.00	25.92 0.71 0.00	29.24 1.11 0.00	38.20 1.57 0.00	43.60 1.96 0.00	43.63 1.99 0.00	43.51 2.23 0.00	49.49 2.53 0.00	49.12 2.51 0.00	47.47 1.98 0.00	44.55 1.80 0.00	45.65 2.06 0.00	42.46 1.73 0.00	40.45 1.54 0.00	37.07 1.49 0.00	34.22 1.15 0.00
UPPER HUDSON__HYD 24058	21.56 1.51 0.00	11.53 0.76 0.00	9.96 0.62 0.00	14.71 0.95 0.00	11.12 0.75 0.00	13.09 0.94 0.00	23.40 1.74 0.00	27.03 1.97 0.00	28.37 1.82 0.00	26.58 1.37 0.00	29.42 1.29 0.00	37.98 1.36 0.00	43.38 1.76 0.02	43.46 1.83 0.00	41.43 1.68 1.53	49.06 2.10 0.00	48.52 1.92 0.00	47.50 2.01 0.00	44.63 1.88 0.00	45.36 1.78 0.00	42.90 2.17 0.00	41.28 2.37 0.00	37.83 2.25 0.00	35.13 2.07 0.00
UPPER RAQUET__HYD 24056	19.82 -0.23 0.00	10.59 -0.17 0.00	9.22 -0.12 0.00	13.55 -0.21 0.00	10.18 -0.19 0.00	11.98 -0.17 0.00	21.54 -0.12 0.00	24.67 -0.39 0.00	26.16 -0.39 0.00	24.83 -0.39 0.00	27.22 -0.91 0.00	36.00 -0.63 0.00	40.81 -0.84 -0.01	40.16 -1.47 0.00	39.38 -1.90 0.00	45.13 -1.85 -0.02	44.84 -1.77 0.00	44.58 -0.91 0.00	42.20 -0.56 0.00	43.22 -0.37 0.00	40.06 -0.68 0.00	38.02 -0.88 0.00	34.84 -0.74 0.00	32.54 -0.53 0.00
VALLEY44_115KV_TB2 355964	16.79 -0.56 2.70	9.24 -0.17 1.36	9.31 -0.03 0.00	13.62 -0.13 0.00	10.33 -0.04 0.00	11.94 -0.22 0.00	21.41 -0.24 0.00	25.51 0.44 0.00	27.59 1.04 0.00	26.51 1.30 0.00	29.92 1.79 0.00	38.87 2.24 0.00	44.10 2.46 0.00	43.92 2.29 0.00	43.93 2.65 0.00	49.66 2.70 0.00	49.12 2.51 0.00	46.98 1.49 0.00	44.00 1.25 0.00	45.27 1.69 0.00	42.06 1.32 0.00	40.04 1.13 0.00	36.94 1.36 0.00	34.31 1.25 0.00
VALLEY__115KV_TB 1-4 80826	20.33 0.28 0.00	10.91 0.14 0.00	9.47 0.12 0.00	13.96 0.21 0.00	10.50 0.13 0.00	12.34 0.19 0.00	21.99 0.34 0.00	25.37 0.30 0.00	26.78 0.23 0.00	25.35 0.14 0.00	28.31 0.18 0.00	36.75 0.12 0.00	41.83 0.19 0.00	41.84 0.21 0.00	41.59 0.31 0.00	47.45 0.49 0.00	47.04 0.43 0.00	46.00 0.51 0.00	43.51 0.76 0.00	44.47 0.88 0.00	41.65 0.91 0.00	39.92 1.01 0.00	36.44 0.86 0.00	33.78 0.71 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.09 0.65 -0.39	11.30 0.34 -0.19	9.64 0.30 0.00	14.21 0.45 0.00	10.71 0.34 0.00	12.57 0.42 0.00	22.37 0.71 0.00	25.98 0.92 0.00	27.64 1.09 0.00	26.28 1.07 0.00	29.46 1.33 0.00	38.32 1.68 0.00	43.57 1.93 -0.01	43.57 1.93 0.00	43.34 2.06 0.00	49.41 2.43 -0.02	49.03 2.42 0.00	47.68 2.19 0.00	44.80 2.05 0.00	45.63 2.04 0.00	42.54 1.81 0.00	40.74 1.83 0.00	37.24 1.66 0.00	34.51 1.45 0.00
VISCHER__FERRY HYD 24020	20.90 0.85 0.00	11.22 0.46 0.00	9.72 0.37 0.00	14.34 0.59 0.00	10.82 0.45 0.00	12.70 0.55 0.00	22.60 0.95 0.00	26.06 0.99 0.00	27.48 0.93 0.00	25.92 0.71 0.00	28.94 0.81 0.00	37.43 0.80 0.00	42.45 0.84 0.02	42.60 0.97 0.00	40.11 0.89 2.06	47.89 0.94 0.00	47.52 0.91 0.00	46.33 0.84 0.00	43.51 0.76 0.00	44.44 0.86 0.00	41.73 0.99 0.00	40.17 1.26 0.00	36.66 1.08 0.00	34.21 1.14 0.00
V_A_10_SYNC_DSASP 323832	17.50 -1.02 1.53	9.62 -0.38 0.77	9.12 -0.22 0.00	13.28 -0.48 0.00	10.08 -0.29 0.00	11.66 -0.50 0.00	20.86 -0.80 0.00	24.80 -0.27 0.00	26.76 0.21 0.00	25.70 0.49 0.00	28.99 0.86 0.00	37.78 1.15 0.00	43.04 1.40 0.00	42.98 1.34 0.00	42.81 1.52 0.00	48.51 1.55 0.00	48.03 1.42 0.00	46.23 0.74 0.00	43.41 0.66 0.00	44.71 1.12 0.00	41.59 0.86 0.00	39.65 0.74 0.00	36.55 0.96 0.00	33.79 0.72 0.00
V_CMM_10_SYNC_DSASP 323787	19.79 -0.25 0.00	10.61 -0.15 0.00	9.23 -0.11 0.00	13.57 -0.18 0.00	10.22 -0.15 0.00	11.98 -0.17 0.00	21.48 -0.18 0.00	24.78 -0.29 0.00	26.18 -0.36 0.00	24.86 -0.35 0.00	27.52 -0.61 0.00	36.09 -0.54 0.00	41.04 -0.60 0.00	40.86 -0.78 0.00	40.32 -0.96 0.00	45.92 -1.04 0.00	45.57 -1.04 0.00	44.86 -0.63 0.00	42.29 -0.47 0.00	43.22 -0.37 0.00	40.31 -0.43 0.00	38.16 -0.75 0.00	34.91 -0.66 0.00	32.53 -0.54 0.00
V_CMP_10_SYNC_DSASP 323788	20.14 0.09 0.00	10.71 -0.05 0.00	9.26 -0.08 0.00	13.61 -0.14 0.00	10.29 -0.08 0.00	12.05 -0.10 0.00	21.68 0.02 0.00	24.97 -0.09 0.00	26.54 -0.01 0.00	25.03 -0.18 0.00	28.23 0.10 0.00	37.08 0.45 0.00	42.40 0.77 0.00	42.07 0.43 0.00	41.52 0.24 0.00	47.32 0.36 0.00	47.42 0.82 0.00	46.96 1.47 0.00	44.51 1.76 0.00	45.59 2.01 0.00	41.98 1.25 0.00	38.73 -0.18 0.00	35.25 -0.33 0.00	33.29 0.22 0.00
V_D_10_SYNC_DSASP 323841	19.91 -0.14 0.00	10.68 -0.09 0.00	9.29 -0.05 0.00	13.66 -0.10 0.00	10.28 -0.09 0.00	12.06 -0.09 0.00	21.61 -0.05 0.00	24.79 -0.28 0.00	26.20 -0.35 0.00	24.87 -0.34 0.00	27.48 -0.65 0.00	36.19 -0.44 0.00	41.08 -0.56 0.00	40.84 -0.79 0.00	40.18 -1.10 0.00	45.90 -1.06 0.00	45.60 -1.01 0.00	45.09 -0.40 0.00	42.53 -0.22 0.00	43.50 -0.09 0.00	40.30 -0.43 0.00	38.18 -0.73 0.00	34.93 -0.65 0.00	32.56 -0.51 0.00
V_E_10_SYNC_DSASP 323830	23.81 0.64 -3.13	12.57 0.24 -1.57	9.63 0.29 0.00	14.13 0.38 0.00	10.67 0.30 0.00	12.59 0.44 0.00	22.67 1.01 0.00	27.29 2.22 0.00	28.58 2.03 0.00	26.90 1.69 0.00	30.00 1.87 0.00	39.15 2.51 -0.01	44.79 3.14 -0.02	44.94 3.31 0.00	44.76 3.48 0.00	51.36 4.36 -0.05	51.09 4.49 0.00	50.17 4.68 0.00	47.45 4.69 0.00	48.66 5.08 0.00	45.31 4.57 0.00	43.26 4.35 0.00	39.44 3.86 0.00	36.18 3.11 0.00
V_F_30_NSYNC__DSASP 323816	21.22 1.17 0.00	11.38 0.61 0.00	9.85 0.50 0.00	14.53 0.77 0.00	10.97 0.60 0.00	12.89 0.74 0.00	22.99 1.33 0.00	26.54 1.47 0.00	27.96 1.41 0.00	26.34 1.13 0.00	29.35 1.22 0.00	38.00 1.38 0.00	43.35 1.73 0.02	43.44 1.81 0.00	41.33 1.67 1.62	48.95 1.99 0.00	48.62 2.01 0.00	47.49 2.00 0.00	44.67 1.92 0.00	45.52 1.94 0.00	42.78 2.04 0.00	41.10 2.19 0.00	37.52 1.94 0.00	34.91 1.84 0.00
V_F_30_SYNC_DSASP 323786	20.68 0.64 0.00	11.11 0.35 0.00	9.62 0.28 0.00	14.20 0.45 0.00	10.70 0.32 0.00	12.56 0.40 0.00	22.29 0.63 0.00	25.72 0.65 0.00	27.14 0.59 0.00	25.66 0.45 0.00	28.72 0.59 0.00	37.19 0.56 0.00	42.24 0.62 0.02	42.37 0.74 0.00	40.54 0.71 1.45	47.79 0.83 0.00	47.48 0.87 0.00	46.28 0.79 0.00	43.43 0.68 0.00	44.29 0.71 0.00	41.48 0.75 0.00	39.88 0.97 0.00	36.37 0.79 0.00	33.86 0.79 0.00



V_XM10_SYNC_DSASP 323789	20.14 0.09 0.00	10.71 -0.05 0.00	9.26 -0.08 0.00	13.61 -0.14 0.00	10.29 -0.08 0.00	12.05 -0.10 0.00	21.68 0.02 0.00	24.97 -0.09 0.00	26.54 -0.01 0.00	25.03 -0.18 0.00	28.23 0.10 0.00	37.08 0.45 0.00	42.40 0.77 0.00	42.07 0.43 0.00	41.52 0.24 0.00	47.32 0.36 0.00	47.42 0.82 0.00	46.96 1.47 0.00	44.51 1.76 0.00	45.59 2.01 0.00	41.98 1.25 0.00	38.73 -0.18 0.00	35.25 -0.33 0.00	33.29 0.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.11 1.06 0.00	11.33 0.57 0.00	9.80 0.45 0.00	14.42 0.67 0.00	10.87 0.51 0.00	12.78 0.62 0.00	22.66 1.00 0.00	26.24 1.17 0.00	27.98 1.43 0.00	26.59 1.37 0.00	29.90 1.77 0.00	38.80 2.17 0.00	43.96 2.31 -0.02	43.93 2.30 0.00	45.24 2.47 -1.49	49.73 2.77 0.00	49.46 2.85 0.00	47.93 2.44 0.00	44.65 1.90 0.00	45.29 1.70 0.00	42.31 1.57 0.00	40.65 1.74 0.00	37.16 1.58 0.00	34.63 1.56 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.22 1.17 0.00	11.41 0.64 0.00	9.86 0.51 0.00	14.51 0.75 0.00	10.95 0.57 0.00	12.87 0.72 0.00	22.81 1.15 0.00	26.43 1.36 0.00	28.22 1.67 0.00	26.85 1.64 0.00	30.20 2.07 0.00	39.17 2.54 0.00	44.34 2.68 -0.02	44.34 2.70 0.00	45.80 2.89 -1.63	50.11 3.15 0.00	49.75 3.14 0.00	48.13 2.64 0.00	44.80 2.05 0.00	45.38 1.80 0.00	42.50 1.77 0.00	40.90 1.99 0.00	37.45 1.87 0.00	34.87 1.80 0.00
W50THST__13_KV_LOAD 356117	21.30 1.25 0.00	11.45 0.69 0.00	9.90 0.56 0.00	14.57 0.82 0.00	10.99 0.62 0.00	12.93 0.78 0.00	22.94 1.28 0.00	26.60 1.53 0.00	28.43 1.89 0.00	27.07 1.85 0.00	30.49 2.36 0.00	39.55 2.92 0.00	44.77 3.12 -0.02	44.78 3.15 0.00	46.24 3.33 -1.63	50.61 3.66 0.00	50.22 3.61 0.00	48.54 3.06 0.00	45.15 2.40 0.00	45.71 2.12 0.00	42.80 2.06 0.00	41.19 2.28 0.00	37.71 2.13 0.00	35.09 2.03 0.00
WADING RIVER_IC_1 23522	21.39 1.34 0.00	11.52 0.76 0.00	9.97 0.62 0.00	14.60 0.85 0.00	11.06 0.69 0.00	12.88 0.72 0.00	22.66 1.00 0.00	26.31 1.25 0.00	28.03 1.49 0.00	26.75 1.54 0.00	44.89 2.15 -14.61	46.64 2.61 -7.40	46.76 2.74 -2.39	49.72 2.73 -5.36	66.97 2.95 -22.74	56.66 3.45 -6.25	58.93 3.53 -8.79	80.15 3.22 -31.44	82.00 2.77 -36.47	65.77 2.53 -19.65	60.55 2.30 -17.52	63.10 2.52 -21.68	61.79 2.34 -23.87	43.87 2.31 -8.50
WADING RIVER_IC_2 23547	21.39 1.34 0.00	11.52 0.76 0.00	9.97 0.62 0.00	14.60 0.85 0.00	11.06 0.69 0.00	12.88 0.72 0.00	22.66 1.00 0.00	26.31 1.25 0.00	28.03 1.49 0.00	26.75 1.54 0.00	44.89 2.15 -14.61	46.64 2.61 -7.40	46.76 2.74 -2.39	49.72 2.73 -5.36	66.97 2.95 -22.74	56.66 3.45 -6.25	58.93 3.53 -8.79	80.15 3.22 -31.44	82.00 2.77 -36.47	65.77 2.53 -19.65	60.55 2.30 -17.52	63.10 2.52 -21.68	61.79 2.34 -23.87	43.87 2.31 -8.50
WADING RIVER_IC_3 23601	21.39 1.34 0.00	11.52 0.76 0.00	9.97 0.62 0.00	14.60 0.85 0.00	11.06 0.69 0.00	12.88 0.72 0.00	22.66 1.00 0.00	26.31 1.25 0.00	28.03 1.49 0.00	26.75 1.54 0.00	44.89 2.15 -14.61	46.64 2.61 -7.40	46.76 2.74 -2.39	49.72 2.73 -5.36	66.97 2.95 -22.74	56.66 3.45 -6.25	58.93 3.53 -8.79	80.15 3.22 -31.44	82.00 2.77 -36.47	65.77 2.53 -19.65	60.55 2.30 -17.52	63.10 2.52 -21.68	61.79 2.34 -23.87	43.87 2.31 -8.50
WALDENNY_12_KV_BK2 80841	17.05 -0.82 2.19	9.41 -0.25 1.10	9.25 -0.10 0.00	13.42 -0.34 0.00	10.20 -0.18 0.00	11.77 -0.37 0.00	21.16 -0.51 0.00	25.32 0.25 0.00	27.47 0.92 0.00	26.49 1.28 0.00	29.92 1.79 0.00	39.02 2.40 0.00	44.51 2.87 0.00	44.50 2.87 0.00	44.37 3.09 0.00	50.22 3.26 0.00	49.72 3.12 0.00	47.72 2.23 0.00	44.78 2.03 0.00	46.23 2.65 0.00	42.95 2.21 0.00	40.89 1.98 0.00	37.64 2.06 0.00	34.73 1.66 0.00
WALDEN__HYDRO 24148	21.05 1.00 0.00	11.30 0.53 0.00	9.77 0.42 0.00	14.38 0.62 0.00	10.84 0.48 0.00	12.74 0.59 0.00	22.62 0.96 0.00	26.17 1.10 0.00	27.86 1.31 0.00	26.44 1.22 0.00	29.67 1.54 0.00	38.50 1.87 0.00	43.65 1.99 -0.02	43.67 2.04 0.00	44.77 2.24 -1.24	49.57 2.61 0.00	49.33 2.72 0.00	47.84 2.36 0.00	44.67 1.92 0.00	45.37 1.79 0.00	42.41 1.68 0.00	40.72 1.81 0.00	37.19 1.61 0.00	34.59 1.52 0.00
WARRENSBURG____ 23737	21.56 1.51 0.00	11.53 0.76 0.00	9.96 0.62 0.00	14.71 0.95 0.00	11.12 0.75 0.00	13.09 0.94 0.00	23.40 1.74 0.00	27.03 1.97 0.00	28.37 1.82 0.00	26.58 1.37 0.00	29.42 1.29 0.00	37.98 1.36 0.00	43.38 1.76 0.02	43.46 1.83 0.00	41.43 1.68 1.53	49.06 2.10 0.00	48.52 1.92 0.00	47.50 2.01 0.00	44.63 1.88 0.00	45.36 1.78 0.00	42.90 2.17 0.00	41.28 2.37 0.00	37.83 2.25 0.00	35.13 2.07 0.00
WATERSIDE____6 8 9 23538	21.20 1.15 0.00	11.41 0.64 0.00	9.85 0.51 0.00	14.50 0.74 0.00	10.94 0.57 0.00	12.87 0.72 0.00	22.77 1.11 0.00	26.39 1.32 0.00	28.17 1.62 0.00	26.78 1.57 0.00	30.11 1.98 0.00	39.03 2.41 0.00	44.20 2.54 -0.02	44.21 2.57 0.00	45.63 2.72 -1.63	49.91 2.95 0.00	49.52 2.92 0.00	47.91 2.43 0.00	44.60 1.85 0.00	45.19 1.61 0.00	42.38 1.65 0.00	40.84 1.93 0.00	37.41 1.83 0.00	34.80 1.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.24 0.19 0.00	10.86 0.09 0.00	9.42 0.07 0.00	13.88 0.13 0.00	10.47 0.10 0.00	12.29 0.14 0.00	21.88 0.22 0.00	25.24 0.17 0.00	26.65 0.10 0.00	25.21 0.00 0.00	28.20 0.07 0.00	36.61 -0.03 0.00	41.70 0.07 0.00	41.72 0.09 0.00	41.45 0.17 0.00	47.25 0.29 0.00	46.89 0.29 0.00	45.81 0.32 0.00	43.22 0.46 0.00	44.13 0.54 0.00	41.33 0.59 0.00	39.61 0.70 0.00	36.16 0.58 0.00	33.54 0.47 0.00
WATSON__69_KV_BK 1 55734	21.71 1.66 0.00	11.69 0.93 0.00	10.12 0.77 0.00	14.83 1.07 0.00	11.20 0.83 0.00	13.07 0.92 0.00	23.02 1.36 0.00	26.76 1.69 0.00	28.53 1.98 0.00	27.22 2.01 0.00	45.42 2.68 -14.61	47.32 3.29 -7.40	47.56 3.54 -2.39	50.49 3.52 -5.35	67.65 3.71 -22.66	57.37 4.20 -6.21	59.50 4.14 -8.76	80.61 3.78 -31.34	82.47 3.24 -36.47	66.22 3.04 -19.59	61.01 2.81 -17.47	63.62 3.10 -21.61	62.40 2.95 -23.87	44.44 2.88 -8.49
WDELAWARE__HYD 323627	20.61 0.55 0.00	11.06 0.29 0.00	9.56 0.22 0.00	14.07 0.31 0.00	10.61 0.24 0.00	12.47 0.31 0.00	22.17 0.51 0.00	25.67 0.60 0.00	27.19 0.64 0.00	25.18 -0.03 0.00	28.23 0.09 0.00	36.64 0.01 0.00	41.48 -0.17 -0.01	41.55 -0.08 0.00	42.38 0.17 -0.93	47.28 0.33 0.00	47.09 0.48 0.00	45.88 0.39 0.00	42.91 0.16 0.00	43.62 0.03 0.00	40.88 0.14 0.00	40.19 1.28 0.00	36.67 1.09 0.00	34.03 0.97 0.00
WEST BABYLON__IC 23714	21.68 1.63 0.00	11.67 0.91 0.00	10.10 0.75 0.00	14.81 1.05 0.00	11.18 0.81 0.00	13.05 0.90 0.00	23.00 1.34 0.00	26.72 1.65 0.00	28.50 1.95 0.00	27.18 1.97 0.00	45.34 2.61 -14.61	47.22 3.19 -7.40	47.46 3.44 -2.39	50.49 3.42 -5.44	68.25 3.62 -23.35	57.56 4.07 -6.53	59.72 4.07 -9.05	81.33 3.71 -32.13	82.40 3.18 -36.47	66.54 2.96 -20.00	61.39 2.73 -17.92	64.09 3.03 -22.16	62.30 2.85 -23.87	44.33 2.77 -8.49

WEST CANADA___HYD 24049	20.14 0.09 0.00	10.81 0.05 0.00	9.38 0.04 0.00	13.82 0.07 0.00	10.42 0.05 0.00	12.21 0.06 0.00	21.75 0.09 0.00	25.17 0.10 0.00	26.66 0.11 0.00	25.30 0.09 0.00	28.27 0.14 0.00	36.75 0.12 0.00	41.77 0.13 0.00	41.80 0.17 0.00	41.49 0.21 0.00	47.19 0.24 0.00	46.84 0.24 0.00	45.67 0.18 0.00	42.93 0.17 0.00	43.77 0.18 0.00	40.94 0.21 0.00	39.17 0.27 0.00	35.79 0.21 0.00	33.24 0.17 0.00
WESTERN_NY_WIND 24143	17.99 -0.42 1.65	9.88 -0.06 0.82	9.40 0.05 0.00	13.65 -0.10 0.00	10.38 0.01 0.00	12.01 -0.14 0.00	21.57 -0.09 0.00	25.75 0.69 0.00	27.81 1.26 0.00	26.70 1.49 0.00	30.06 1.92 0.00	39.21 2.59 0.00	44.87 3.23 0.00	44.91 3.28 0.00	44.88 3.60 0.00	50.97 4.02 0.00	50.66 4.06 0.00	48.81 3.32 0.00	45.85 3.10 0.00	47.21 3.62 0.00	43.95 3.21 0.00	41.86 2.95 0.00	38.43 2.85 0.00	35.40 2.33 0.00
WESTOVER___LESR 323668	20.04 -0.01 0.00	10.77 0.01 0.00	9.39 0.04 0.00	13.81 0.06 0.00	10.42 0.05 0.00	12.17 0.02 0.00	21.74 0.08 0.00	25.36 0.30 0.00	27.02 0.47 0.00	25.78 0.57 0.00	28.92 0.79 0.00	37.60 0.96 -0.01	42.87 1.22 -0.02	42.81 1.18 0.00	42.70 1.43 0.00	48.58 1.58 -0.04	48.19 1.59 0.00	46.58 1.09 0.00	43.80 1.04 0.00	44.71 1.13 0.00	41.69 0.95 0.00	39.82 0.92 0.00	36.44 0.86 0.00	33.76 0.70 0.00
WETHRSFD_WT_PWR 323626	15.88 -1.24 2.92	8.78 -0.52 1.47	9.03 -0.32 0.00	13.16 -0.59 0.00	9.98 -0.40 0.00	11.57 -0.58 0.00	20.83 -0.83 0.00	24.88 -0.18 0.00	27.00 0.45 0.00	26.03 0.82 0.00	29.36 1.23 0.00	38.31 1.69 0.00	43.73 2.09 0.00	43.71 2.08 0.00	43.55 2.27 0.00	49.28 2.32 0.00	48.84 2.23 0.00	47.01 1.52 0.00	43.87 1.12 0.00	45.19 1.60 0.00	41.94 1.21 0.00	39.92 1.02 0.00	36.56 0.98 0.00	33.74 0.67 0.00
WHAVSTOR_138KV_BK127 55557	21.02 0.97 0.00	11.28 0.52 0.00	9.75 0.41 0.00	14.36 0.60 0.00	10.83 0.46 0.00	12.72 0.57 0.00	22.55 0.89 0.00	26.10 1.04 0.00	27.82 1.27 0.00	26.42 1.21 0.00	29.71 1.58 0.00	38.53 1.90 0.00	43.63 1.98 -0.02	43.57 1.93 0.00	44.86 2.08 -1.50	49.29 2.33 0.00	49.00 2.40 0.00	47.49 2.00 0.00	44.25 1.49 0.00	44.90 1.31 0.00	41.95 1.21 0.00	40.32 1.42 0.00	36.89 1.31 0.00	34.40 1.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.02 0.97 0.00	11.28 0.52 0.00	9.75 0.41 0.00	14.36 0.60 0.00	10.83 0.46 0.00	12.72 0.57 0.00	22.55 0.89 0.00	26.10 1.04 0.00	27.82 1.27 0.00	26.42 1.21 0.00	29.71 1.58 0.00	38.53 1.90 0.00	43.63 1.98 -0.02	43.57 1.93 0.00	44.86 2.08 -1.50	49.29 2.33 0.00	49.00 2.40 0.00	47.49 2.00 0.00	44.25 1.49 0.00	44.90 1.31 0.00	41.95 1.21 0.00	40.32 1.42 0.00	36.89 1.31 0.00	34.40 1.33 0.00
WHITEHAL_115KV_TB1 80871	22.18 2.12 0.00	11.77 1.00 0.00	10.10 0.75 0.00	14.95 1.19 0.00	11.36 0.99 0.00	13.47 1.32 0.00	24.19 2.53 0.00	27.85 2.79 0.00	29.12 2.57 0.00	27.07 1.86 0.00	30.03 1.90 0.00	38.48 1.85 0.00	44.07 2.45 0.02	44.22 2.59 0.00	42.13 2.41 1.57	49.95 3.00 0.00	49.68 3.07 0.00	48.53 3.04 0.00	45.60 2.84 0.00	46.54 2.95 0.00	44.21 3.47 0.00	42.99 4.09 0.00	39.29 3.71 0.00	36.64 3.58 0.00
WHITEPLN_13_KV_LOAD 356215	21.32 1.26 0.00	11.45 0.68 0.00	9.89 0.55 0.00	14.56 0.80 0.00	10.98 0.61 0.00	12.91 0.76 0.00	22.91 1.25 0.00	26.55 1.49 0.00	28.31 1.76 0.00	26.91 1.70 0.00	30.28 2.15 0.00	39.27 2.64 0.00	44.53 2.87 -0.02	44.53 2.89 0.00	46.00 3.09 -1.63	50.43 3.48 0.00	50.14 3.54 0.00	48.62 3.13 0.00	45.31 2.55 0.00	45.91 2.32 0.00	42.91 2.17 0.00	41.24 2.33 0.00	37.71 2.12 0.00	35.07 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	21.58 1.53 0.00	11.62 0.86 0.00	10.06 0.71 0.00	14.74 0.98 0.00	11.15 0.78 0.00	12.98 0.83 0.00	22.85 1.19 0.00	26.56 1.49 0.00	28.28 1.73 0.00	26.97 1.76 0.00	45.12 2.39 -14.61	46.93 2.90 -7.40	47.10 3.08 -2.39	50.02 3.05 -5.34	67.17 3.26 -22.63	56.95 3.79 -6.20	59.24 3.88 -8.75	80.39 3.58 -31.31	82.34 3.12 -36.47	66.09 2.92 -19.59	60.85 2.66 -17.45	63.35 2.85 -21.59	62.11 2.66 -23.87	44.17 2.61 -8.49
WOODARD___115KV_TB2 355635	19.85 -0.20 0.00	10.67 -0.09 0.00	9.28 -0.07 0.00	13.63 -0.12 0.00	10.29 -0.07 0.00	12.04 -0.11 0.00	21.46 -0.20 0.00	24.91 -0.16 0.00	26.44 -0.11 0.00	25.18 -0.03 0.00	28.22 0.09 0.00	36.77 0.12 -0.02	41.92 0.25 -0.03	41.92 0.28 0.00	41.67 0.39 0.00	47.50 0.45 -0.09	47.17 0.56 0.00	45.93 0.44 0.00	43.19 0.43 0.00	44.01 0.43 0.00	41.04 0.30 0.00	39.18 0.27 0.00	35.77 0.19 0.00	33.15 0.08 0.00
YORK___WARBASSE 23770	21.22 1.17 0.00	11.40 0.64 0.00	9.84 0.49 0.00	14.48 0.73 0.00	10.92 0.55 0.00	12.85 0.70 0.00	22.77 1.11 0.00	26.40 1.34 0.00	28.20 1.65 0.00	26.82 1.61 0.00	30.20 2.07 0.00	39.20 2.57 0.00	44.35 2.70 -0.02	44.44 2.81 0.00	45.85 2.94 -1.63	50.20 3.24 0.00	49.81 3.21 0.00	48.25 2.76 0.00	44.83 2.08 0.00	45.45 1.86 0.00	42.63 1.89 0.00	41.07 2.16 0.00	37.62 2.04 0.00	34.98 1.91 0.00