

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

11/15/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	30.71	29.30	29.39	31.24	28.95	51.88	36.64	59.56	45.45	36.28	30.41	30.55	29.27	30.17	35.24	42.36	39.60	44.25	40.76	38.42	31.67	29.75	29.82	28.08
24138	1.51	1.39	1.30	1.45	1.40	2.25	1.73	2.86	2.39	2.10	2.00	2.04	1.94	1.86	2.23	2.65	2.48	2.81	2.54	2.51	2.03	1.97	1.94	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.72	29.31	29.38	31.22	28.93	51.86	36.63	59.54	45.42	36.24	30.38	30.52	29.22	30.13	35.20	42.29	39.54	44.21	40.72	38.40	31.65	29.73	29.80	28.07
24260	1.51	1.39	1.29	1.42	1.38	2.22	1.72	2.84	2.36	2.06	1.97	2.01	1.90	1.81	2.18	2.59	2.42	2.77	2.51	2.48	2.01	1.95	1.93	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.72	29.31	29.38	31.22	28.93	51.86	36.63	59.54	45.42	36.24	30.38	30.52	29.22	30.13	35.20	42.29	39.54	44.21	40.72	38.40	31.65	29.73	29.80	28.07
24261	1.51	1.39	1.29	1.42	1.38	2.22	1.72	2.84	2.36	2.06	1.97	2.01	1.90	1.81	2.18	2.59	2.42	2.77	2.51	2.48	2.01	1.95	1.93	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.59	29.26	29.44	31.25	28.92	52.04	36.81	59.71	44.96	35.15	29.18	29.13	27.98	29.00	34.25	41.37	39.04	43.64	40.08	37.86	31.24	29.23	29.44	27.38
24011	1.39	1.35	1.35	1.45	1.37	2.41	1.90	3.01	1.89	0.97	0.77	0.62	0.66	0.68	1.23	1.66	1.91	2.21	1.87	1.94	1.59	1.45	1.57	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.72	29.40	29.58	31.40	29.07	52.25	36.98	59.95	45.12	35.19	29.25	29.17	28.04	29.06	34.42	41.56	39.29	43.94	40.34	38.12	31.43	29.39	29.65	27.49
23798	1.51	1.49	1.49	1.61	1.51	2.61	2.08	3.26	2.06	1.01	0.83	0.66	0.72	0.74	1.40	1.86	2.17	2.50	2.12	2.20	1.79	1.60	1.77	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.59	29.26	29.44	31.25	28.92	52.04	36.81	59.71	44.96	35.15	29.18	29.13	27.98	29.00	34.25	41.37	39.04	43.64	40.08	37.86	31.24	29.23	29.44	27.38
24028	1.39	1.35	1.35	1.45	1.37	2.41	1.90	3.01	1.89	0.97	0.77	0.62	0.66	0.68	1.23	1.66	1.91	2.21	1.87	1.94	1.59	1.45	1.57	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	30.50	29.16	29.34	31.14	28.78	51.66	36.48	59.31	44.64	34.90	29.06	29.05	27.91	28.94	34.12	40.81	38.33	42.75	39.20	37.11	30.91	28.95	29.08	27.12
23527	1.29	1.25	1.25	1.34	1.23	2.03	1.58	2.61	1.58	0.72	0.65	0.54	0.59	0.62	1.10	1.10	1.21	1.32	0.99	1.20	1.26	1.17	1.21	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	29.25	27.96	28.14	29.86	27.61	49.62	35.01	56.88	43.02	33.94	28.23	28.30	27.20	28.13	32.96	39.66	37.21	41.54	38.21	36.03	29.82	27.94	28.03	26.26
24190	0.04	0.05	0.05	0.06	0.06	-0.01	0.11	0.18	-0.04	-0.24	-0.19	-0.21	-0.12	-0.18	-0.06	-0.04	0.08	0.11	0.00	0.11	0.17	0.16	0.15	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	29.78	28.48	28.64	30.36	28.05	50.56	35.39	57.48	43.77	34.74	28.79	28.85	27.65	28.70	33.35	40.07	37.37	41.54	38.40	36.08	29.79	27.91	28.02	26.04
355683	0.58	0.57	0.55	0.56	0.50	0.92	0.48	0.78	0.71	0.56	0.37	0.34	0.32	0.38	0.34	0.36	0.25	0.10	0.19	0.16	0.15	0.12	0.14	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.89	28.56	28.76	30.51	28.20	50.73	35.78	58.07	43.73	34.43	28.57	28.64	27.50	28.45	33.37	40.37	37.98	42.43	39.02	36.77	30.40	28.49	28.59	26.78
323833	0.68	0.65	0.67	0.71	0.64	1.10	0.87	1.37	0.67	0.25	0.16	0.13	0.18	0.13	0.36	0.67	0.85	1.00	0.81	0.85	0.76	0.70	0.71	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.88	28.56	28.76	30.50	28.19	50.71	35.77	58.06	43.72	34.43	28.57	28.64	27.50	28.45	33.37	40.36	37.97	42.41	39.02	36.75	30.39	28.48	28.58	26.77
323834	0.67	0.65	0.67	0.70	0.64	1.08	0.87	1.36	0.66	0.25	0.15	0.13	0.18	0.13	0.35	0.66	0.84	0.98	0.81	0.84	0.75	0.70	0.71	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.25	27.96	28.14	29.86	27.61	49.62	35.01	56.88	43.02	33.94	28.23	28.30	27.20	28.13	32.96	39.66	37.21	41.54	38.21	36.03	29.82	27.94	28.03	26.26
23571	0.04	0.05	0.05	0.06	0.06	-0.01	0.11	0.18	-0.04	-0.24	-0.19	-0.21	-0.12	-0.18	-0.06	-0.04	0.08	0.11	0.00	0.11	0.17	0.16	0.15	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	29.25 0.04 0.00	27.96 0.05 0.00	28.14 0.05 0.00	29.86 0.06 0.00	27.61 0.06 0.00	49.62 -0.01 0.00	35.01 0.11 0.00	56.88 0.18 0.00	43.02 -0.04 0.00	33.94 -0.24 0.00	28.23 -0.19 0.00	28.30 -0.21 0.00	27.20 -0.12 0.00	28.13 -0.18 0.00	32.96 -0.06 0.00	39.66 -0.04 0.00	37.21 0.08 0.00	41.54 0.11 0.00	38.21 0.00 0.00	36.03 0.11 0.00	29.82 0.17 0.00	27.94 0.16 0.00	28.03 0.15 0.00	26.26 0.12 0.00
ALBANY___3 23573	29.25 0.04 0.00	27.96 0.05 0.00	28.14 0.05 0.00	29.86 0.06 0.00	27.61 0.06 0.00	49.62 -0.01 0.00	35.01 0.11 0.00	56.88 0.18 0.00	43.02 -0.04 0.00	33.94 -0.24 0.00	28.23 -0.19 0.00	28.30 -0.21 0.00	27.20 -0.12 0.00	28.13 -0.18 0.00	32.96 -0.06 0.00	39.66 -0.04 0.00	37.21 0.08 0.00	41.54 0.11 0.00	38.21 0.00 0.00	36.03 0.11 0.00	29.82 0.17 0.00	27.94 0.16 0.00	28.03 0.15 0.00	26.26 0.12 0.00
ALBANY___4 23574	29.25 0.04 0.00	27.96 0.05 0.00	28.14 0.05 0.00	29.86 0.06 0.00	27.61 0.06 0.00	49.62 -0.01 0.00	35.01 0.11 0.00	56.88 0.18 0.00	43.02 -0.04 0.00	33.94 -0.24 0.00	28.23 -0.19 0.00	28.30 -0.21 0.00	27.20 -0.12 0.00	28.13 -0.18 0.00	32.96 -0.06 0.00	39.66 -0.04 0.00	37.21 0.08 0.00	41.54 0.11 0.00	38.21 0.00 0.00	36.03 0.11 0.00	29.82 0.17 0.00	27.94 0.16 0.00	28.03 0.15 0.00	26.26 0.12 0.00
ALBANY___LFGE 323615	29.58 0.38 0.00	28.28 0.36 0.00	28.45 0.36 0.00	30.19 0.40 0.00	27.93 0.37 0.00	50.21 0.58 0.00	35.43 0.52 0.00	57.57 0.87 0.00	43.53 0.47 0.00	34.33 0.15 0.00	28.55 0.13 0.00	28.62 0.10 0.00	27.50 0.17 0.00	28.45 0.13 0.00	33.35 0.34 0.00	40.15 0.45 0.00	37.67 0.55 0.00	42.06 0.63 0.00	38.68 0.47 0.00	36.46 0.55 0.00	30.16 0.52 0.00	28.27 0.48 0.00	28.35 0.48 0.00	26.55 0.41 0.00
ALCOA_PA_115KV_PL-6C 55860	29.87 0.66 0.00	28.56 0.65 0.00	28.73 0.64 0.00	30.45 0.65 0.00	28.14 0.59 0.00	50.72 1.09 0.00	35.48 0.58 0.00	57.63 0.93 0.00	43.90 0.84 0.00	34.85 0.67 0.00	28.88 0.46 0.00	28.94 0.43 0.00	27.74 0.41 0.00	28.81 0.49 0.00	33.49 0.48 0.00	40.26 0.55 0.00	37.59 0.46 0.00	43.55 0.36 -1.75	40.87 0.42 -2.23	36.29 0.38 0.00	29.97 0.32 0.00	28.05 0.27 0.00	28.16 0.29 0.00	26.18 0.04 0.00
ALCOA_RYNLDS___DRP 24188	29.87 0.66 0.00	28.56 0.65 0.00	28.73 0.64 0.00	30.45 0.65 0.00	28.14 0.59 0.00	50.72 1.09 0.00	35.48 0.58 0.00	57.63 0.93 0.00	43.90 0.84 0.00	34.85 0.67 0.00	28.88 0.46 0.00	28.94 0.43 0.00	27.74 0.41 0.00	28.81 0.49 0.00	33.49 0.48 0.00	40.26 0.55 0.00	37.59 0.46 0.00	43.55 0.36 -1.75	40.87 0.42 -2.23	36.29 0.38 0.00	29.97 0.32 0.00	28.05 0.27 0.00	28.16 0.29 0.00	26.18 0.04 0.00
ALCOA___DSASP 323711	29.87 0.66 0.00	28.57 0.65 0.00	28.73 0.64 0.00	30.45 0.65 0.00	28.14 0.59 0.00	50.73 1.09 0.00	35.48 0.57 0.00	57.63 0.93 0.00	43.90 0.84 0.00	34.85 0.67 0.00	28.88 0.46 0.00	28.94 0.43 0.00	27.74 0.41 0.00	28.81 0.49 0.00	33.49 0.48 0.00	40.26 0.55 0.00	37.59 0.46 0.00	43.55 0.37 -1.75	40.87 0.43 -2.23	36.29 0.38 0.00	29.97 0.32 0.00	28.05 0.27 0.00	28.16 0.29 0.00	26.18 0.04 0.00
ALLEGHENY___COGEN 23514	29.53 0.33 0.00	28.20 0.28 0.00	28.42 0.33 0.00	29.92 0.38 0.25	27.81 0.43 0.17	50.67 1.24 0.21	35.48 0.67 0.09	57.30 1.22 0.63	42.84 1.27 1.48	35.52 1.70 0.36	29.22 1.47 0.66	29.76 1.39 0.14	28.48 1.42 0.26	29.44 1.59 0.46	34.16 1.45 0.31	41.07 1.64 0.27	37.82 1.40 0.70	42.78 1.78 0.43	39.74 1.81 0.28	37.23 1.32 0.00	30.35 0.79 0.08	27.87 0.57 0.49	28.30 0.42 0.00	26.59 0.45 0.00
ALTAMONT_115KV_TB 2 55880	29.63 0.43 0.00	28.33 0.41 0.00	28.51 0.42 0.00	30.25 0.46 0.00	27.98 0.42 0.00	50.29 0.66 0.00	35.45 0.55 0.00	57.59 0.89 0.00	43.59 0.53 0.00	34.44 0.26 0.00	28.64 0.22 0.00	28.74 0.23 0.00	27.58 0.26 0.00	28.54 0.22 0.00	33.38 0.36 0.00	40.20 0.49 0.00	37.68 0.56 0.00	42.09 0.66 0.00	38.77 0.56 0.00	36.53 0.61 0.00	30.20 0.55 0.00	28.31 0.53 0.00	28.40 0.53 0.00	26.63 0.49 0.00
ALTONA_WT_PWR 323606	30.39 1.18 0.00	29.04 1.12 0.00	29.21 1.12 0.00	30.99 1.19 0.00	28.61 1.06 0.00	51.46 1.82 0.00	36.07 1.17 0.00	58.35 1.66 0.00	44.75 1.69 0.00	35.37 1.18 0.00	29.27 0.85 0.00	29.26 0.75 0.00	27.96 0.64 0.00	28.98 0.66 0.00	33.55 0.54 0.00	40.17 0.46 0.00	37.05 -0.08 0.00	-5.54 -1.01 45.96	-21.11 -0.79 58.53	35.40 -0.51 0.00	29.39 -0.25 0.00	27.76 -0.03 0.00	27.90 0.03 0.00	25.61 -0.52 0.00
AMERICAN_REF_FUEL 24010	27.30 -1.91 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	26.43 -1.86 1.51	24.79 -1.73 1.04	45.44 -2.94 1.26	31.68 -2.70 0.53	48.49 -4.48 3.73	31.63 -2.60 8.84	30.92 -1.14 2.12	23.79 -0.67 3.96	26.99 -0.69 0.83	25.21 -0.57 1.54	25.26 -0.31 2.75	30.34 -0.81 1.87	36.67 -1.33 1.70	31.19 -1.55 4.38	36.92 -1.84 2.68	34.93 -1.52 1.76	34.02 -1.90 0.00	27.33 -1.80 0.52	23.06 -1.69 3.03	26.20 -1.67 0.00	24.82 -1.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.46 -0.75 0.00	27.37 -0.55 0.00	27.70 -0.39 0.00	27.64 -0.34 1.82	26.03 -0.27 1.25	48.08 -0.04 1.51	33.78 -0.49 0.63	51.65 -0.55 4.50	32.83 0.42 10.66	32.95 1.32 2.55	24.96 1.31 4.77	28.81 1.31 1.01	26.82 1.35 1.86	26.68 1.67 3.31	32.25 1.49 2.25	39.09 1.44 2.06	32.79 0.97 5.30	39.22 1.02 3.24	37.13 1.05 2.13	36.38 0.46 0.00	28.94 -0.07 0.63	23.96 -0.16 3.67	27.62 -0.25 0.00	25.93 -0.20 0.00
ARTHUR KILL_GT_1 23520	30.43 1.23 0.00	29.05 1.13 0.00	29.26 1.16 0.00	31.38 1.58 0.00	29.08 1.52 0.00	51.96 2.33 0.00	36.84 1.92 -0.01	59.64 2.94 0.00	45.48 2.42 0.00	36.35 2.16 -0.01	30.38 1.96 0.00	30.40 1.89 0.00	29.07 1.75 0.00	29.95 1.63 0.00	34.98 1.97 0.00	42.12 2.42 0.00	39.43 2.31 0.00	43.92 2.49 0.00	40.63 2.42 0.00	38.38 2.46 -0.01	31.65 2.00 -0.01	29.75 1.96 -0.01	29.78 1.90 0.00	28.06 1.92 0.00
ARTHUR_KILL_2 23512	30.34 1.14 0.00	28.97 1.06 0.00	29.18 1.09 0.00	31.29 1.50 0.00	29.01 1.45 0.00	51.82 2.18 0.00	36.72 1.81 -0.01	59.46 2.76 0.00	45.33 2.27 0.00	36.24 2.05 -0.01	30.29 1.88 0.00	30.32 1.81 0.00	29.00 1.68 0.00	29.87 1.55 0.00	34.90 1.89 0.00	42.00 2.29 0.00	39.31 2.19 0.00	43.79 2.36 0.00	40.50 2.29 0.00	38.27 2.35 -0.01	31.55 1.90 -0.01	29.66 1.87 -0.01	29.70 1.82 0.00	27.98 1.85 0.00
ARTHUR_KILL_3 23513	30.49 1.28 0.00	29.09 1.18 0.00	29.15 1.06 0.00	30.94 1.15 0.00	28.68 1.12 0.00	51.38 1.75 0.00	36.29 1.38 0.00	58.94 2.24 0.00	44.94 1.88 0.00	35.89 1.71 0.00	30.10 1.68 0.00	30.24 1.73 0.00	28.94 1.62 0.00	29.82 1.50 0.00	34.85 1.84 0.00	41.93 2.22 0.00	39.21 2.08 0.00	43.82 2.38 0.00	40.38 2.16 0.00	38.11 2.19 0.00	31.42 1.78 0.00	29.52 1.74 0.00	29.60 1.73 0.00	27.90 1.76 0.00

ARTHUR_KILL_COGEN 323718	30.43 1.23 0.00	29.05 1.13 0.00	29.26 1.16 0.00	31.38 1.58 0.00	29.08 1.52 0.00	51.96 2.33 0.00	36.84 1.92 -0.01	59.64 2.94 0.00	45.48 2.42 0.00	36.35 2.16 -0.01	30.38 1.96 0.00	30.40 1.89 0.00	29.07 1.75 0.00	29.95 1.63 0.00	34.98 1.97 0.00	42.12 2.42 0.00	39.43 2.31 0.00	43.92 2.49 0.00	40.63 2.42 0.00	38.38 2.46 -0.01	31.65 2.00 -0.01	29.75 1.96 -0.01	29.78 1.90 0.00	28.06 1.92 0.00
ASHOKAN____ 23654	30.16 0.95 0.00	28.81 0.89 0.00	29.01 0.92 0.00	30.78 0.98 0.00	28.47 0.92 0.00	51.30 1.67 0.00	36.31 1.41 0.00	59.13 2.43 0.00	44.59 1.53 0.00	34.86 0.68 0.00	28.76 0.35 0.00	28.78 0.27 0.00	27.57 0.25 0.00	28.58 0.26 0.00	33.69 0.67 0.00	40.87 1.16 0.00	38.63 1.51 0.00	43.31 1.88 0.00	39.92 1.70 0.00	37.57 1.66 0.00	31.01 1.36 0.00	29.03 1.25 0.00	29.05 1.17 0.00	27.18 1.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.32 1.12 0.00	28.95 1.03 0.00	29.01 0.92 0.00	30.82 1.02 0.00	28.55 1.00 0.00	51.02 1.39 0.01	36.14 1.24 0.01	58.73 2.03 0.01	44.83 1.77 0.00	35.92 1.74 0.00	30.11 1.70 0.00	30.25 1.74 0.00	28.97 1.65 0.00	29.76 1.44 0.00	34.76 1.75 0.00	41.81 2.11 0.00	39.10 1.97 0.00	43.68 2.25 0.00	40.28 2.06 0.00	37.99 2.07 0.00	31.34 1.69 0.00	29.47 1.68 0.00	29.50 1.63 0.00	27.83 1.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.32 1.11 0.00	28.95 1.03 0.00	29.01 0.92 0.00	30.82 1.02 0.00	28.55 1.00 0.00	51.02 1.39 0.01	36.14 1.24 0.01	58.73 2.03 0.01	44.83 1.77 0.00	35.92 1.74 0.00	30.11 1.70 0.00	30.25 1.74 0.00	28.96 1.65 0.00	29.76 1.44 0.00	34.76 1.75 0.00	41.81 2.11 0.00	39.10 1.97 0.00	43.68 2.25 0.00	40.28 2.06 0.00	37.99 2.07 0.00	31.34 1.69 0.00	29.47 1.69 0.00	29.51 1.63 0.00	27.84 1.70 0.00
ASTORIA_GT2_1 24094	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT2_2 24095	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT2_3 24096	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT2_4 24097	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT3_1 24098	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT3_2 24099	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT3_3 24100	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT3_4 24101	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT4_1 24102	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT4_2 24103	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT4_3 24104	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00

ASTORIA_GT4_4 24105	30.34 1.13 0.00	28.95 1.04 0.00	29.02 0.93 0.00	30.82 1.03 0.00	28.56 1.01 0.00	51.04 1.42 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.27 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.83 2.13 0.00	39.12 1.99 0.00	43.70 2.26 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.65 0.00	27.84 1.71 0.00
ASTORIA_GT_1 23523	30.38 1.18 0.00	29.01 1.09 0.00	29.07 0.98 0.00	30.88 1.08 0.00	28.60 1.05 0.00	51.13 1.50 0.01	36.23 1.33 0.01	58.88 2.19 0.01	44.95 1.89 0.00	36.01 1.83 0.00	30.19 1.77 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.84 1.52 0.00	34.85 1.84 0.00	41.92 2.22 0.00	39.20 2.08 0.00	43.80 2.37 0.00	40.38 2.17 0.00	38.10 2.18 0.00	31.42 1.78 0.00	29.54 1.75 0.00	29.57 1.69 0.00	27.89 1.75 0.00
ASTORIA_GT_10 24110	30.52 1.32 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.80 1.24 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.93 1.61 0.00	34.94 1.93 0.00	42.00 2.30 0.00	39.27 2.15 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.62 1.74 0.00	27.93 1.79 0.00
ASTORIA_GT_11 24225	30.52 1.32 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.80 1.24 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.93 1.61 0.00	34.94 1.93 0.00	42.00 2.30 0.00	39.27 2.15 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.62 1.74 0.00	27.93 1.79 0.00
ASTORIA_GT_12 24226	30.52 1.32 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.80 1.24 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.93 1.61 0.00	34.94 1.93 0.00	42.00 2.30 0.00	39.27 2.15 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.62 1.74 0.00	27.93 1.79 0.00
ASTORIA_GT_13 24227	30.52 1.32 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.80 1.24 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.93 1.61 0.00	34.94 1.93 0.00	42.00 2.30 0.00	39.27 2.15 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.62 1.74 0.00	27.93 1.79 0.00
ASTORIA_GT_5 24106	30.39 1.18 0.00	29.01 1.09 0.00	29.06 0.98 0.00	30.88 1.08 0.00	28.61 1.05 0.00	51.13 1.50 0.01	36.22 1.33 0.01	58.88 2.19 0.01	44.95 1.89 0.00	36.02 1.84 0.00	30.19 1.77 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.84 1.52 0.00	34.84 1.83 0.00	41.93 2.22 0.00	39.20 2.08 0.00	43.80 2.36 0.00	40.38 2.17 0.00	38.10 2.18 0.00	31.43 1.78 0.00	29.54 1.76 0.00	29.58 1.70 0.00	27.89 1.75 0.00
ASTORIA_GT_7 24107	30.39 1.18 0.00	29.01 1.09 0.00	29.06 0.98 0.00	30.88 1.08 0.00	28.61 1.05 0.00	51.13 1.50 0.01	36.22 1.33 0.01	58.88 2.19 0.01	44.95 1.89 0.00	36.02 1.84 0.00	30.19 1.77 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.84 1.52 0.00	34.84 1.83 0.00	41.93 2.22 0.00	39.20 2.08 0.00	43.80 2.36 0.00	40.38 2.17 0.00	38.10 2.18 0.00	31.43 1.78 0.00	29.54 1.76 0.00	29.58 1.70 0.00	27.89 1.75 0.00
ASTORIA_GT_8 24108	30.39 1.18 0.00	29.01 1.09 0.00	29.06 0.98 0.00	30.88 1.08 0.00	28.61 1.05 0.00	51.13 1.50 0.01	36.22 1.33 0.01	58.88 2.19 0.01	44.95 1.89 0.00	36.02 1.84 0.00	30.19 1.77 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.84 1.52 0.00	34.84 1.83 0.00	41.93 2.22 0.00	39.20 2.08 0.00	43.80 2.36 0.00	40.38 2.17 0.00	38.10 2.18 0.00	31.43 1.78 0.00	29.54 1.76 0.00	29.58 1.70 0.00	27.89 1.75 0.00
ASTORIA___2 24149	30.34 1.13 0.00	28.96 1.04 0.00	29.02 0.93 0.00	30.82 1.02 0.00	28.56 1.01 0.00	51.04 1.41 0.01	36.16 1.26 0.01	58.77 2.08 0.01	44.85 1.80 0.00	35.93 1.75 0.00	30.12 1.71 0.00	30.26 1.76 0.00	28.98 1.66 0.00	29.77 1.46 0.00	34.77 1.76 0.00	41.84 2.13 0.00	39.12 1.99 0.00	43.70 2.27 0.00	40.30 2.09 0.00	38.02 2.10 0.00	31.35 1.71 0.00	29.48 1.70 0.00	29.52 1.64 0.00	27.84 1.71 0.00
ASTORIA___3 23516	30.52 1.31 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.79 1.23 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.94 1.62 0.00	34.95 1.93 0.00	42.00 2.30 0.00	39.27 2.14 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.61 1.74 0.00	27.92 1.78 0.00
ASTORIA___4 23517	30.52 1.32 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.80 1.24 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.93 1.61 0.00	34.94 1.93 0.00	42.00 2.30 0.00	39.27 2.15 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.62 1.74 0.00	27.93 1.79 0.00
ASTORIA___5 23518	30.52 1.31 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.79 1.23 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.94 1.62 0.00	34.95 1.93 0.00	42.00 2.30 0.00	39.27 2.14 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.61 1.74 0.00	27.92 1.78 0.00
AST_ENERGY_2_CC3 323677	30.53 1.33 0.00	29.13 1.22 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.75 1.19 0.00	51.49 1.85 0.00	36.31 1.40 0.00	58.98 2.28 0.00	44.97 1.92 0.00	35.91 1.73 0.00	30.14 1.72 0.00	30.28 1.77 0.00	28.99 1.67 0.00	29.85 1.53 0.00	34.87 1.86 0.00	41.91 2.21 0.00	39.20 2.07 0.00	43.81 2.38 0.00	40.36 2.15 0.00	38.08 2.16 0.00	31.40 1.76 0.00	29.51 1.73 0.00	29.60 1.73 0.00	27.93 1.79 0.00
AST_ENERGY_2_CC4 323678	30.53 1.33 0.00	29.13 1.22 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.75 1.19 0.00	51.49 1.85 0.00	36.31 1.40 0.00	58.98 2.28 0.00	44.97 1.92 0.00	35.91 1.73 0.00	30.14 1.72 0.00	30.28 1.77 0.00	28.99 1.67 0.00	29.85 1.53 0.00	34.87 1.86 0.00	41.91 2.21 0.00	39.20 2.07 0.00	43.81 2.38 0.00	40.36 2.15 0.00	38.08 2.16 0.00	31.40 1.76 0.00	29.51 1.73 0.00	29.60 1.73 0.00	27.93 1.79 0.00

ATHENS_STG_1 23668	29.70 0.50 0.00	28.39 0.47 0.00	28.57 0.48 0.00	30.31 0.51 0.00	28.04 0.48 0.00	50.33 0.69 0.00	35.49 0.59 0.00	57.63 0.93 0.00	43.75 0.69 0.00	34.72 0.54 0.00	28.94 0.52 0.00	29.07 0.56 0.00	27.87 0.55 0.00	28.82 0.51 0.00	33.67 0.65 0.00	40.48 0.78 0.00	37.89 0.76 0.00	42.32 0.89 0.00	39.00 0.79 0.00	36.75 0.83 0.00	30.36 0.71 0.00	28.49 0.71 0.00	28.58 0.71 0.00	26.84 0.71 0.00
ATHENS_STG_2 23670	29.70 0.50 0.00	28.39 0.47 0.00	28.57 0.48 0.00	30.31 0.51 0.00	28.04 0.48 0.00	50.33 0.69 0.00	35.49 0.59 0.00	57.63 0.93 0.00	43.75 0.69 0.00	34.72 0.54 0.00	28.94 0.52 0.00	29.07 0.56 0.00	27.87 0.55 0.00	28.82 0.51 0.00	33.67 0.65 0.00	40.48 0.78 0.00	37.89 0.76 0.00	42.32 0.89 0.00	39.00 0.79 0.00	36.75 0.83 0.00	30.36 0.71 0.00	28.49 0.71 0.00	28.58 0.71 0.00	26.84 0.71 0.00
ATHENS_STG_3 23677	29.70 0.50 0.00	28.39 0.47 0.00	28.57 0.48 0.00	30.31 0.51 0.00	28.04 0.48 0.00	50.33 0.69 0.00	35.49 0.59 0.00	57.63 0.93 0.00	43.75 0.69 0.00	34.72 0.54 0.00	28.94 0.52 0.00	29.07 0.56 0.00	27.87 0.55 0.00	28.82 0.51 0.00	33.67 0.65 0.00	40.48 0.78 0.00	37.89 0.76 0.00	42.32 0.89 0.00	39.00 0.79 0.00	36.75 0.83 0.00	30.36 0.71 0.00	28.49 0.71 0.00	28.58 0.71 0.00	26.84 0.71 0.00
AUBURN___LFGE 323710	29.09 -0.11 0.00	27.85 -0.06 0.00	27.96 -0.13 0.00	29.69 -0.11 0.00	27.48 -0.08 0.00	49.82 0.19 0.00	35.02 0.11 0.00	57.13 0.43 0.00	43.29 0.23 0.00	34.46 0.28 0.00	28.65 0.23 0.00	28.75 0.24 0.00	27.47 0.15 0.00	28.63 0.31 0.00	33.37 0.36 0.00	40.08 0.37 0.00	37.41 0.29 0.00	41.73 0.29 0.00	38.47 0.26 0.00	36.05 0.13 0.00	29.65 0.01 0.00	27.84 0.05 0.00	27.92 0.04 0.00	26.19 0.06 0.00
BABYLON_RES_REC 323704	31.03 1.82 0.00	32.24 1.83 -2.49	29.57 1.48 0.00	31.56 1.76 0.00	29.35 1.79 0.00	52.11 2.47 0.00	36.77 1.87 0.00	59.97 3.27 0.00	45.52 2.46 0.00	35.86 1.68 0.00	29.93 1.51 0.00	29.86 1.35 0.00	28.59 1.27 0.00	29.98 1.66 0.00	36.28 2.44 -0.82	42.35 2.64 0.00	39.63 2.50 0.00	45.54 3.03 -1.09	46.01 2.89 -4.91	38.62 2.70 0.00	31.82 2.17 0.00	30.10 2.32 0.00	30.25 2.26 -0.12	28.21 2.08 0.00
BABYLON__69_KV_BK2 356345	31.29 2.08 0.00	32.51 2.10 -2.49	29.81 1.71 0.00	31.83 2.04 0.00	29.61 2.06 0.00	52.60 2.97 0.00	37.10 2.20 0.00	60.53 3.83 0.00	45.94 2.88 0.00	36.14 1.96 0.00	30.16 1.74 0.00	30.09 1.58 0.00	28.81 1.49 0.00	30.23 1.91 0.00	36.58 2.76 -0.81	42.73 3.03 0.00	39.99 2.87 0.00	46.01 3.50 -1.08	46.41 3.33 -4.86	39.04 3.13 0.00	32.15 2.51 0.00	30.41 2.63 0.00	30.57 2.57 -0.12	28.49 2.35 0.00
BALL_HILL_WT_PWR 323825	28.38 -0.83 0.00	27.21 -0.71 0.00	27.47 -0.62 0.00	27.58 -0.63 1.60	25.89 -0.57 1.10	47.61 -0.69 1.33	33.30 -1.05 0.56	51.13 -1.62 3.95	33.26 -0.44 9.36	32.54 0.61 2.24	24.99 0.76 4.19	28.39 0.76 0.88	26.52 0.83 1.63	26.54 1.13 2.91	31.90 0.86 1.98	38.61 0.72 1.80	32.77 0.29 4.65	38.84 0.25 2.84	36.70 0.36 1.86	35.79 -0.13 0.00	28.66 -0.44 0.55	24.13 -0.44 3.22	27.37 -0.51 0.00	25.78 -0.36 0.00
BARON_WINDS___WT_PWR 323822	28.48 -0.72 0.00	27.20 -0.71 0.00	27.51 -0.58 0.00	29.87 -0.53 -0.60	27.53 -0.44 -0.41	49.75 -0.39 -0.50	34.55 -0.56 -0.21	57.33 -0.85 -1.48	46.36 -0.21 -3.51	35.46 0.44 -0.84	30.44 0.45 -1.57	29.39 0.55 -0.33	28.46 0.52 -0.61	30.00 0.59 -1.09	34.15 0.39 -0.74	40.71 0.32 -0.69	38.75 -0.15 -1.78	42.53 0.01 -1.09	38.96 0.03 -0.71	35.57 -0.34 0.00	29.32 -0.53 -0.21	28.39 -0.62 -1.23	27.15 -0.72 0.00	25.65 -0.49 0.00
BARRETT_IC_1 23704	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_10 23701	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_11 23702	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_12 23703	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_2 23705	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_3 23706	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_4 23707	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00

BARRETT_IC_5 23708	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_6 23709	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_7 23710	30.81 1.60 0.00	31.99 1.58 -2.49	29.38 1.29 0.00	31.33 1.53 0.00	29.10 1.55 0.00	51.76 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.11 2.04 0.00	35.70 1.52 0.00	29.86 1.44 0.00	29.84 1.33 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.98 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.28 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_8 23711	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT_IC_9 23700	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT___1 23545	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BARRETT___2 23546	30.80 1.60 0.00	32.00 1.59 -2.49	29.38 1.29 0.00	31.32 1.53 0.00	29.10 1.55 0.00	51.77 2.13 0.00	36.49 1.59 0.00	59.35 2.65 0.00	45.09 2.03 0.00	35.70 1.52 0.00	29.87 1.45 0.00	29.85 1.34 0.00	28.61 1.29 0.00	29.88 1.56 0.00	35.97 2.19 -0.77	42.01 2.30 0.00	39.27 2.15 0.00	45.00 2.51 -1.05	45.38 2.41 -4.76	38.20 2.29 0.00	31.52 1.87 0.00	29.81 2.03 0.00	29.92 1.93 -0.12	27.95 1.81 0.00
BATAVIA__115KV_TB1 55881	28.48 -0.73 0.00	27.25 -0.66 0.00	27.46 -0.64 0.00	29.08 -0.72 0.00	26.93 -0.63 0.00	48.82 -0.81 0.00	33.92 -0.99 0.00	55.20 -1.50 0.00	42.57 -0.49 0.00	34.65 0.47 0.00	29.07 0.65 0.00	29.09 0.59 0.00	27.94 0.62 0.00	29.20 0.88 0.00	33.72 0.70 0.00	40.21 0.51 0.00	37.40 0.28 0.00	41.69 0.26 0.00	38.58 0.37 0.00	35.82 -0.10 0.00	29.30 -0.34 0.00	27.41 -0.37 0.00	27.44 -0.44 0.00	25.85 -0.28 0.00
BAYONEEC___CTG1 323682	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG10 323750	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG2 323683	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG3 323684	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG4 323685	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG5 323686	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG6 323687	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00

BAYONEEC___CTG7 323688	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG8 323689	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BAYONEEC___CTG9 323749	30.54 1.33 0.00	29.14 1.23 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.37 1.47 0.00	59.09 2.39 0.00	45.06 2.00 0.00	35.97 1.79 0.00	30.16 1.74 0.00	30.30 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.93 1.92 0.00	41.99 2.29 0.00	39.26 2.14 0.00	43.88 2.45 0.00	40.43 2.22 0.00	38.15 2.24 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
BEACON___LESR 323632	29.76 0.55 0.00	28.41 0.49 0.00	28.62 0.53 0.00	30.35 0.55 0.00	28.10 0.54 0.00	50.64 1.00 0.00	35.72 0.81 0.00	58.02 1.32 0.00	43.84 0.78 0.00	34.47 0.29 0.00	28.66 0.25 0.00	28.71 0.20 0.00	27.60 0.28 0.00	28.66 0.34 0.00	33.59 0.58 0.00	40.43 0.73 0.00	37.94 0.82 0.00	42.46 1.03 0.00	39.02 0.81 0.00	36.80 0.88 0.00	30.40 0.75 0.00	28.47 0.69 0.00	28.54 0.66 0.00	26.73 0.59 0.00
BEAVER RIVER___HYD 24048	30.85 1.65 0.00	29.42 1.50 0.00	29.48 1.39 0.00	31.39 1.59 0.00	29.08 1.53 0.00	52.81 3.17 0.00	37.38 2.48 0.00	60.82 4.12 0.00	45.40 2.34 0.00	35.48 1.30 0.00	29.44 1.03 0.00	29.48 0.97 0.00	27.85 0.53 0.00	28.72 0.40 0.00	33.40 0.39 0.00	40.45 0.75 0.00	38.24 1.12 0.00	45.98 1.63 -2.92	43.35 1.42 -3.72	36.83 0.91 0.00	30.33 0.68 0.00	28.22 0.44 0.00	28.31 0.44 0.00	26.45 0.31 0.00
BEEBEE_GT_13 23619	28.24 -0.97 0.00	27.01 -0.90 0.00	27.19 -0.90 0.00	28.82 -0.97 0.00	26.67 -0.89 0.00	48.25 -1.38 0.00	33.66 -1.24 0.00	54.76 -1.94 0.00	42.01 -1.05 0.00	33.95 -0.23 0.00	28.40 -0.02 0.00	28.46 -0.05 0.00	27.32 -0.01 0.00	28.50 0.19 0.00	32.99 -0.02 0.00	39.48 -0.22 0.00	36.76 -0.37 0.00	41.02 -0.41 0.00	37.92 -0.29 0.00	35.35 -0.57 0.00	28.97 -0.67 0.00	27.12 -0.67 0.00	27.15 -0.73 0.00	25.52 -0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.69 1.49 0.00	29.28 1.37 0.00	29.40 1.31 0.00	31.35 1.56 0.00	29.06 1.51 0.00	52.03 2.40 0.00	36.83 1.92 -0.01	59.81 3.11 0.00	45.64 2.58 0.00	36.47 2.28 -0.01	30.57 2.14 0.00	30.67 2.16 0.00	29.35 2.02 0.00	30.24 1.92 0.00	35.32 2.30 0.00	42.47 2.77 0.00	39.74 2.61 0.00	44.34 2.91 0.00	40.93 2.72 0.00	38.64 2.72 -0.01	31.86 2.20 -0.01	29.92 2.13 -0.01	29.96 2.09 0.00	28.23 2.09 0.00
BETHLEHEM___GRP 23843	29.25 0.04 0.00	27.96 0.05 0.00	28.14 0.05 0.00	29.86 0.06 0.00	27.61 0.06 0.00	49.62 -0.01 0.00	35.01 0.11 0.00	56.88 0.18 0.00	43.02 -0.04 0.00	33.94 -0.24 0.00	28.23 -0.19 0.00	28.30 -0.21 0.00	27.20 -0.12 0.00	28.13 -0.18 0.00	32.96 -0.06 0.00	39.66 -0.04 0.00	37.21 0.08 0.00	41.54 0.11 0.00	38.21 0.00 0.00	36.03 0.11 0.00	29.82 0.17 0.00	27.94 0.16 0.00	28.03 0.15 0.00	26.26 0.12 0.00
BETHLEHEM___GS1 323560	29.25 0.04 0.00	27.96 0.05 0.00	28.15 0.06 0.00	29.86 0.06 0.00	27.61 0.06 0.00	49.62 -0.01 0.00	35.01 0.10 0.00	56.88 0.18 0.00	43.02 -0.04 0.00	33.94 -0.24 0.00	28.23 -0.19 0.00	28.30 -0.21 0.00	27.20 -0.12 0.00	28.14 -0.18 0.00	32.96 -0.06 0.00	39.66 -0.04 0.00	37.21 0.08 0.00	41.54 0.11 0.00	38.22 0.00 0.00	36.03 0.11 0.00	29.82 0.17 0.00	27.95 0.16 0.00	28.03 0.16 0.00	26.26 0.12 0.00
BETHLEHEM___GS2 323561	29.25 0.04 0.00	27.96 0.05 0.00	28.15 0.06 0.00	29.86 0.06 0.00	27.61 0.06 0.00	49.62 -0.01 0.00	35.01 0.10 0.00	56.88 0.18 0.00	43.02 -0.04 0.00	33.94 -0.24 0.00	28.23 -0.19 0.00	28.30 -0.21 0.00	27.20 -0.12 0.00	28.14 -0.18 0.00	32.96 -0.06 0.00	39.66 -0.04 0.00	37.21 0.08 0.00	41.54 0.11 0.00	38.22 0.00 0.00	36.03 0.11 0.00	29.82 0.17 0.00	27.95 0.16 0.00	28.03 0.16 0.00	26.26 0.12 0.00
BETHLEHEM___GS3 323562	29.25 0.04 0.00	27.96 0.05 0.00	28.15 0.06 0.00	29.86 0.06 0.00	27.61 0.06 0.00	49.62 -0.01 0.00	35.01 0.10 0.00	56.88 0.18 0.00	43.02 -0.04 0.00	33.94 -0.24 0.00	28.23 -0.19 0.00	28.30 -0.21 0.00	27.20 -0.12 0.00	28.14 -0.18 0.00	32.96 -0.06 0.00	39.66 -0.04 0.00	37.21 0.08 0.00	41.54 0.11 0.00	38.22 0.00 0.00	36.03 0.11 0.00	29.82 0.17 0.00	27.95 0.16 0.00	28.03 0.16 0.00	26.26 0.12 0.00
BETHLEHEM___STEEL 23779	28.38 -0.82 0.00	27.19 -0.72 0.00	27.43 -0.66 0.00	29.10 -0.69 0.00	26.92 -0.64 0.00	48.76 -0.87 0.00	33.69 -1.22 0.00	54.75 -1.95 0.00	42.35 -0.71 0.00	34.59 0.40 0.00	29.06 0.64 0.00	29.13 0.63 0.00	28.01 0.69 0.00	29.31 0.99 0.00	33.72 0.71 0.00	40.21 0.51 0.00	37.25 0.12 0.00	41.49 0.05 0.00	38.41 0.20 0.00	35.62 -0.30 0.00	29.11 -0.54 0.00	27.29 -0.50 0.00	27.30 -0.57 0.00	25.74 -0.39 0.00
BETHLHEM_115KV_TB1 79974	29.32 0.11 0.00	28.03 0.12 0.00	28.22 0.13 0.00	29.93 0.13 0.00	27.68 0.12 0.00	49.75 0.12 0.00	35.08 0.18 0.00	57.00 0.30 0.00	43.13 0.07 0.00	34.05 -0.13 0.00	28.32 -0.10 0.00	28.40 -0.11 0.00	27.29 -0.04 0.00	28.22 -0.09 0.00	33.06 0.04 0.00	39.77 0.07 0.00	37.30 0.18 0.00	41.65 0.22 0.00	38.32 0.11 0.00	36.13 0.21 0.00	29.89 0.25 0.00	28.03 0.24 0.00	28.11 0.24 0.00	26.34 0.20 0.00
BETHPAGE_CC_5 323564	31.00 1.80 0.00	32.20 1.79 -2.49	29.56 1.47 0.00	31.53 1.73 0.00	29.30 1.75 0.00	52.09 2.46 0.00	36.75 1.85 0.00	59.90 3.20 0.00	45.50 2.44 0.00	35.92 1.74 0.00	30.00 1.58 0.00	29.97 1.46 0.00	28.71 1.39 0.00	30.05 1.73 0.00	36.33 2.47 -0.85	42.29 2.59 0.00	39.56 2.44 0.00	45.46 2.91 -1.12	46.06 2.79 -5.06	38.54 2.62 0.00	31.76 2.11 0.00	30.06 2.28 0.00	30.21 2.21 -0.13	28.18 2.05 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.55 -0.66 0.00	27.36 -0.56 0.00	27.59 -0.50 0.00	29.29 -0.51 0.00	27.09 -0.46 0.00	49.07 -0.56 0.00	33.90 -1.01 0.00	55.10 -1.60 0.00	42.62 -0.44 0.00	34.81 0.63 0.00	29.24 0.83 0.00	29.33 0.82 0.00	28.20 0.88 0.00	29.50 1.18 0.00	33.94 0.93 0.00	40.48 0.77 0.00	37.48 0.36 0.00	41.75 0.32 0.00	38.67 0.45 0.00	35.85 -0.07 0.00	29.31 -0.34 0.00	27.48 -0.31 0.00	27.49 -0.39 0.00	25.90 -0.24 0.00

BINGHAMTON___COGEN 23790	29.26 0.05 0.00	27.91 0.00 0.00	28.15 0.06 0.00	29.87 0.07 0.00	27.63 0.07 0.00	49.94 0.31 0.00	35.10 0.19 0.00	57.06 0.37 0.00	43.43 0.37 0.00	34.65 0.47 0.00	28.81 0.40 0.00	28.98 0.46 0.00	27.72 0.40 0.00	28.73 0.41 0.00	33.47 0.45 0.00	40.24 0.54 0.00	37.48 0.36 0.00	41.96 0.53 0.00	38.74 0.53 0.00	36.31 0.39 0.00	29.90 0.26 0.00	27.97 0.19 0.00	28.05 0.18 0.00	26.34 0.20 0.00
BIXINCNT_115KV_LOAD 355685	29.00 -0.20 0.00	27.82 -0.09 0.00	28.09 0.00 0.00	29.94 0.14 0.00	27.73 0.17 0.00	50.18 0.55 0.00	34.63 -0.27 0.00	56.30 -0.40 0.00	43.57 0.51 0.00	35.61 1.43 0.00	29.91 1.49 0.00	30.10 1.59 0.00	28.90 1.58 0.00	30.19 1.88 0.00	34.80 1.79 0.00	41.44 1.73 0.00	38.18 1.06 0.00	42.49 1.06 0.00	39.25 1.04 0.00	36.46 0.54 0.00	29.78 0.13 0.00	27.96 0.17 0.00	27.99 0.12 0.00	26.35 0.21 0.00
BLACK RIVER___HYD 24047	30.67 1.47 0.00	29.25 1.34 0.00	29.30 1.21 0.00	31.21 1.42 0.00	28.95 1.40 0.00	52.56 2.93 0.00	37.21 2.31 0.00	60.62 3.93 0.00	45.20 2.14 0.00	35.38 1.20 0.00	29.30 0.88 0.00	29.26 0.75 0.00	27.68 0.36 0.00	28.57 0.25 0.00	33.29 0.27 0.00	40.52 0.82 0.00	38.43 1.30 0.00	45.52 2.00 -2.09	42.56 1.69 -2.65	37.00 1.09 0.00	30.48 0.83 0.00	28.30 0.52 0.00	28.33 0.46 0.00	26.46 0.32 0.00
BLACKRVR_115KV_TB2 79977	30.67 1.46 0.00	29.25 1.34 0.00	29.30 1.21 0.00	31.21 1.42 0.00	28.96 1.40 0.00	52.56 2.93 0.00	37.21 2.31 0.00	60.62 3.93 0.00	45.20 2.14 0.00	35.38 1.20 0.00	29.30 0.89 0.00	29.26 0.75 0.00	27.68 0.36 0.00	28.57 0.25 0.00	33.29 0.28 0.00	40.53 0.82 0.00	38.43 1.31 0.00	45.52 2.00 -2.09	42.56 1.69 -2.65	37.00 1.09 0.00	30.48 0.83 0.00	28.30 0.52 0.00	28.34 0.46 0.00	26.46 0.32 0.00
BLISS_WT_PWR 323608	28.98 -0.22 0.00	27.80 -0.11 0.00	28.09 0.00 0.00	27.84 0.16 2.11	26.29 0.19 1.46	48.48 0.61 1.76	33.94 -0.22 0.74	51.17 -0.30 5.23	31.25 0.59 12.39	32.69 1.48 2.97	24.38 1.50 5.54	28.97 1.63 1.17	26.77 1.61 2.16	26.38 1.91 3.85	32.20 1.80 2.62	39.10 1.79 2.39	32.04 1.09 6.17	38.74 1.08 3.77	36.74 1.00 2.47	36.45 0.53 0.00	29.02 0.11 0.73	23.65 0.14 4.27	27.97 0.09 0.00	26.32 0.18 0.00
BLUESTONE___WT_PWR 323821	30.66 1.45 0.00	29.30 1.39 0.00	29.51 1.42 0.00	31.76 1.53 -0.43	29.24 1.39 -0.30	53.00 3.01 -0.36	37.15 2.10 -0.15	61.35 3.59 -1.07	48.18 2.59 -2.53	37.01 2.22 -0.61	31.40 1.85 -1.13	30.50 1.75 -0.24	29.11 1.35 -0.44	30.29 1.19 -0.79	34.72 1.17 -0.53	41.15 0.96 -0.49	38.67 0.29 -1.26	42.52 0.32 -0.77	38.79 0.07 -0.50	35.94 0.02 0.00	29.81 0.02 -0.15	28.51 -0.15 -0.87	27.77 -0.10 0.00	26.07 -0.07 0.00
BLUE_CIRC_CHEM_DRP 24182	29.68 0.48 0.00	28.38 0.47 0.00	28.58 0.49 0.00	30.31 0.52 0.00	28.02 0.47 0.00	50.39 0.76 0.00	35.52 0.62 0.00	57.65 0.95 0.00	43.52 0.46 0.00	34.33 0.15 0.00	28.52 0.11 0.00	28.61 0.10 0.00	27.47 0.15 0.00	28.43 0.11 0.00	33.29 0.28 0.00	40.17 0.47 0.00	37.71 0.59 0.00	42.12 0.68 0.00	38.75 0.54 0.00	36.51 0.59 0.00	30.19 0.55 0.00	28.31 0.52 0.00	28.40 0.53 0.00	26.62 0.48 0.00
BOC_GAS_DRP 24189	29.51 0.31 0.00	28.21 0.29 0.00	28.40 0.31 0.00	30.13 0.34 0.00	27.86 0.30 0.00	50.06 0.43 0.00	35.28 0.37 0.00	57.29 0.59 0.00	43.42 0.35 0.00	34.35 0.17 0.00	28.59 0.17 0.00	28.69 0.18 0.00	27.54 0.21 0.00	28.49 0.18 0.00	33.31 0.30 0.00	40.07 0.37 0.00	37.54 0.42 0.00	41.92 0.49 0.00	38.60 0.39 0.00	36.37 0.45 0.00	30.07 0.42 0.00	28.20 0.42 0.00	28.30 0.42 0.00	26.53 0.40 0.00
BOONVILLE_115KV_TB1 79983	30.29 1.08 0.00	28.92 1.00 0.00	29.06 0.97 0.00	30.89 1.09 0.00	28.61 1.06 0.00	51.80 2.16 0.00	36.60 1.70 0.00	59.49 2.80 0.00	44.76 1.70 0.00	35.20 1.02 0.00	29.19 0.77 0.00	29.25 0.73 0.00	27.85 0.53 0.00	28.79 0.48 0.00	33.58 0.57 0.00	40.59 0.88 0.00	38.23 1.11 0.00	43.99 1.46 -1.10	40.92 1.31 -1.40	36.93 1.02 0.00	30.41 0.77 0.00	28.40 0.62 0.00	28.46 0.59 0.00	26.64 0.51 0.00
BORALEX_4TH_BRANCH 23824	30.50 1.29 0.00	29.16 1.25 0.00	29.34 1.25 0.00	31.14 1.34 0.00	28.79 1.23 0.00	51.66 2.03 0.00	36.48 1.58 0.00	59.31 2.61 0.00	44.64 1.58 0.00	34.90 0.72 0.00	29.06 0.64 0.00	29.05 0.54 0.00	27.91 0.59 0.00	28.93 0.62 0.00	34.12 1.10 0.00	40.81 1.11 0.00	38.33 1.21 0.00	42.75 1.32 0.00	39.21 0.99 0.00	37.11 1.20 0.00	30.91 1.26 0.00	28.95 1.17 0.00	29.08 1.21 0.00	27.12 0.99 0.00
BOWLINE___1 23526	30.21 1.01 0.00	28.84 0.93 0.00	28.93 0.84 0.00	30.74 0.95 0.00	28.48 0.92 0.00	51.12 1.49 0.00	36.10 1.19 0.00	58.63 1.93 0.00	44.63 1.57 0.00	35.57 1.39 0.00	29.72 1.30 0.00	29.86 1.35 0.00	28.58 1.26 0.00	29.53 1.21 0.00	34.51 1.50 0.00	41.50 1.80 0.00	38.80 1.68 0.00	43.40 1.97 0.00	40.01 1.80 0.00	37.73 1.81 0.00	31.12 1.48 0.00	29.25 1.46 0.00	29.31 1.43 0.00	27.59 1.45 0.00
BOWLINE___2 23595	30.21 1.01 0.00	28.84 0.93 0.00	28.93 0.84 0.00	30.75 0.95 0.00	28.48 0.92 0.00	51.12 1.49 0.00	36.10 1.19 0.00	58.63 1.93 0.00	44.63 1.57 0.00	35.57 1.39 0.00	29.72 1.30 0.00	29.86 1.35 0.00	28.58 1.26 0.00	29.53 1.21 0.00	34.51 1.50 0.00	41.50 1.80 0.00	38.80 1.68 0.00	43.41 1.98 0.00	40.01 1.80 0.00	37.74 1.82 0.00	31.12 1.48 0.00	29.25 1.46 0.00	29.31 1.43 0.00	27.59 1.46 0.00
BRADY___115KV_TB2 356060	33.03 3.83 0.00	31.46 3.54 0.00	31.55 3.46 0.00	33.51 3.71 0.00	31.12 3.57 0.00	56.78 7.15 0.00	40.32 5.41 0.00	65.44 8.74 0.00	48.17 5.11 0.00	37.24 3.06 0.00	31.38 2.97 0.00	31.33 2.82 0.00	28.94 1.62 0.00	29.40 1.09 0.00	33.65 0.64 0.00	40.55 0.85 0.00	38.11 0.99 0.00	46.21 1.05 -3.73	44.03 1.06 -4.75	36.86 0.95 0.00	30.42 0.78 0.00	28.46 0.68 0.00	28.55 0.67 0.00	26.50 0.37 0.00
BRANSCOMB___SOLAR 323811	30.40 1.19 0.00	29.06 1.14 0.00	29.24 1.15 0.00	31.03 1.24 0.00	28.71 1.16 0.00	51.68 2.05 0.00	36.49 1.59 0.00	59.25 2.55 0.00	44.61 1.55 0.00	34.94 0.75 0.00	28.99 0.57 0.00	28.99 0.48 0.00	27.84 0.51 0.00	28.85 0.53 0.00	33.99 0.97 0.00	41.05 1.34 0.00	38.68 1.56 0.00	43.22 1.79 0.00	39.72 1.51 0.00	37.48 1.56 0.00	30.98 1.34 0.00	29.02 1.24 0.00	29.16 1.28 0.00	27.21 1.08 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.16 1.96 0.00	32.40 1.99 -2.49	29.68 1.59 0.00	31.72 1.92 0.00	29.51 1.95 0.00	52.34 2.71 0.00	36.89 1.98 0.00	60.19 3.49 0.00	45.69 2.63 0.00	35.91 1.73 0.00	30.00 1.58 0.00	29.92 1.41 0.00	28.66 1.33 0.00	30.08 1.76 0.00	36.39 2.60 -0.77	42.51 2.81 0.00	39.75 2.63 0.00	45.66 3.18 -1.04	46.00 3.07 -4.72	38.79 2.87 0.00	31.95 2.31 0.00	30.24 2.45 0.00	30.41 2.42 -0.12	28.36 2.22 0.00



BRISTLHL_115KV_TB1 79998	28.35 -0.86 0.00	27.06 -0.85 0.00	27.24 -0.85 0.00	28.88 -0.92 0.00	26.75 -0.81 0.00	48.27 -1.36 0.00	33.98 -0.92 0.00	55.29 -1.41 0.00	42.00 -1.07 0.00	33.38 -0.80 0.00	27.75 -0.67 0.00	27.76 -0.75 0.00	26.62 -0.71 0.00	27.61 -0.71 0.00	32.18 -0.83 0.00	38.76 -0.95 0.00	36.29 -0.83 0.00	40.62 -0.81 0.00	37.45 -0.76 0.00	35.13 -0.78 0.00	28.95 -0.70 0.00	27.09 -0.69 0.00	27.16 -0.71 0.00	25.50 -0.64 0.00
BROOKHAVEN___DRP 24191	30.86 1.65 0.00	32.25 1.84 -2.49	29.43 1.33 0.00	31.59 1.80 0.00	29.43 1.88 0.00	52.26 2.63 0.00	36.71 1.81 0.00	59.90 3.20 0.00	45.42 2.36 0.00	35.25 1.07 0.00	24.37 1.05 5.10	23.70 0.88 5.69	24.09 0.84 4.07	29.64 1.33 0.00	36.00 2.22 -0.76	42.23 2.52 0.00	39.38 2.26 0.00	45.59 3.12 -1.04	45.87 2.98 -4.68	38.66 2.75 0.00	31.85 2.21 0.00	30.17 2.39 0.00	30.32 2.33 -0.12	28.24 2.10 0.00
BROOKLYN_NAVY_YARD 23515	30.47 1.26 0.00	29.07 1.16 0.00	29.14 1.05 0.00	30.97 1.18 0.00	28.71 1.15 0.00	51.40 1.77 0.00	36.29 1.39 0.00	58.95 2.26 0.00	44.97 1.92 0.00	35.87 1.69 0.00	30.10 1.68 0.00	30.22 1.71 0.00	28.93 1.61 0.00	29.81 1.50 0.00	34.85 1.84 0.00	41.91 2.20 0.00	39.20 2.07 0.00	43.78 2.35 0.00	40.33 2.12 0.00	38.05 2.13 0.00	31.38 1.73 0.00	29.47 1.69 0.00	29.58 1.70 0.00	27.87 1.73 0.00
BROOKLYN___ARMY_DRP 323595	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
BROOKVLE_69_KV_TB1 55790	30.93 1.72 0.00	32.07 1.66 -2.49	29.52 1.43 0.00	31.44 1.64 0.00	29.19 1.63 0.00	52.09 2.46 0.00	36.78 1.88 0.00	59.87 3.17 0.00	45.53 2.47 0.00	36.12 1.94 0.00	30.18 1.76 0.00	30.23 1.72 0.00	28.96 1.64 0.00	30.14 1.82 0.00	36.52 2.41 -1.09	42.39 2.69 0.00	39.66 2.54 0.00	45.72 2.96 -1.32	46.97 2.76 -5.99	38.56 2.65 0.00	31.79 2.15 0.00	29.97 2.19 0.00	30.13 2.11 -0.15	28.14 2.00 0.00
BROOME_2_LFGE 323671	29.26 0.05 0.00	27.91 0.00 0.00	28.15 0.06 0.00	30.45 0.07 -0.58	28.03 0.07 -0.40	50.43 0.31 -0.49	35.30 0.19 -0.20	58.51 0.36 -1.45	46.86 0.36 -3.44	35.47 0.47 -0.82	30.34 0.39 -1.54	29.30 0.46 -0.33	28.32 0.39 -0.60	29.79 0.41 -1.07	34.19 0.45 -0.73	40.91 0.54 -0.67	39.19 0.35 -1.72	43.01 0.53 -1.05	39.43 0.52 -0.69	36.30 0.39 0.00	30.11 0.26 -0.20	29.16 0.19 -1.19	28.05 0.18 0.00	26.34 0.20 0.00
BROOME___LFGE 323600	29.26 0.05 0.00	27.91 0.00 0.00	28.15 0.06 0.00	30.45 0.07 -0.58	28.03 0.07 -0.40	50.43 0.31 -0.49	35.30 0.19 -0.20	58.51 0.36 -1.45	46.86 0.36 -3.44	35.47 0.47 -0.82	30.34 0.39 -1.54	29.30 0.46 -0.33	28.32 0.39 -0.60	29.79 0.41 -1.07	34.19 0.45 -0.73	40.91 0.54 -0.67	39.19 0.35 -1.72	43.01 0.53 -1.05	39.43 0.52 -0.69	36.30 0.39 0.00	30.11 0.26 -0.20	29.16 0.19 -1.19	28.05 0.18 0.00	26.34 0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	31.31 2.11 0.00	29.84 1.92 0.00	29.91 1.82 0.00	31.81 2.02 0.00	29.50 1.94 0.00	53.57 3.94 0.00	37.92 3.02 0.00	61.66 4.96 0.00	45.96 2.90 0.00	35.87 1.69 0.00	29.93 1.51 0.00	29.99 1.48 0.00	28.21 0.89 0.00	29.02 0.70 0.00	33.55 0.54 0.00	40.44 0.73 0.00	38.07 0.95 0.00	47.86 1.24 -5.20	45.94 1.11 -6.62	36.71 0.79 0.00	30.25 0.61 0.00	28.22 0.44 0.00	28.31 0.44 0.00	26.38 0.24 0.00
BROWNSV1_27_KV_LOAD 356125	30.80 1.60 0.00	29.38 1.46 0.00	29.44 1.35 0.00	31.28 1.48 0.00	28.98 1.43 0.00	51.96 2.33 0.00	36.69 1.79 0.00	59.65 2.95 0.00	45.51 2.45 0.00	36.32 2.14 0.00	30.45 2.03 0.00	30.60 2.09 0.00	29.30 1.98 0.00	30.19 1.88 0.00	35.28 2.27 0.00	42.41 2.71 0.00	39.66 2.53 0.00	44.35 2.91 0.00	40.85 2.64 0.00	38.53 2.61 0.00	31.77 2.12 0.00	29.84 2.05 0.00	29.91 2.03 0.00	28.17 2.03 0.00
BURROWS___LYONSDAL 23803	30.40 1.19 0.00	29.02 1.11 0.00	29.13 1.04 0.00	30.99 1.19 0.00	28.72 1.16 0.00	52.00 2.37 0.00	36.77 1.87 0.00	59.78 3.08 0.00	44.89 1.83 0.00	35.25 1.07 0.00	29.22 0.80 0.00	29.29 0.78 0.00	27.83 0.51 0.00	28.76 0.44 0.00	33.53 0.51 0.00	40.54 0.84 0.00	38.21 1.09 0.00	44.38 1.50 -1.45	41.39 1.32 -1.85	36.89 0.97 0.00	30.36 0.72 0.00	28.33 0.55 0.00	28.40 0.52 0.00	26.58 0.44 0.00
CAITHNESS_CC_1 323624	30.84 1.63 0.00	32.20 1.79 -2.49	29.40 1.31 0.00	31.52 1.73 0.00	29.36 1.81 0.00	52.12 2.48 0.00	36.63 1.73 0.00	59.75 3.05 0.00	45.33 2.27 0.00	35.32 1.14 0.00	24.44 1.11 5.10	23.75 0.94 5.69	24.14 0.89 4.07	29.67 1.35 0.00	36.00 2.22 -0.76	42.15 2.45 0.00	39.34 2.22 0.00	45.44 2.97 -1.04	45.74 2.85 -4.68	38.55 2.63 0.00	31.77 2.12 0.00	30.09 2.30 0.00	30.25 2.26 -0.12	28.18 2.05 0.00
CALPINE BETH_PAGE_GT4 24209	31.00 1.80 0.00	32.19 1.78 -2.49	29.55 1.46 0.00	31.51 1.72 0.00	29.29 1.74 0.00	52.09 2.45 0.00	36.75 1.85 0.00	59.89 3.19 0.00	45.49 2.43 0.00	35.92 1.74 0.00	30.00 1.58 0.00	29.99 1.48 0.00	28.73 1.41 0.00	30.05 1.73 0.00	36.34 2.44 -0.89	42.21 2.51 0.00	39.48 2.36 0.00	45.41 2.82 -1.16	46.14 2.70 -5.23	38.47 2.56 0.00	31.71 2.07 0.00	30.05 2.27 0.00	30.20 2.20 -0.13	28.17 2.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.00 1.79 0.00	32.19 1.78 -2.49	29.55 1.46 0.00	31.51 1.72 0.00	29.29 1.74 0.00	52.08 2.45 0.00	36.75 1.85 0.00	59.89 3.19 0.00	45.48 2.42 0.00	35.92 1.74 0.00	30.00 1.58 0.00	29.99 1.48 0.00	28.73 1.41 0.00	30.05 1.73 0.00	36.35 2.45 -0.89	42.21 2.51 0.00	39.49 2.36 0.00	45.41 2.82 -1.16	46.14 2.70 -5.23	38.47 2.55 0.00	31.71 2.06 0.00	30.05 2.27 0.00	30.20 2.20 -0.13	28.17 2.03 0.00
CALPINE_BP_GT1 23823	31.00 1.79 0.00	32.19 1.78 -2.49	29.55 1.46 0.00	31.51 1.72 0.00	29.29 1.74 0.00	52.08 2.45 0.00	36.75 1.85 0.00	59.89 3.19 0.00	45.48 2.42 0.00	35.92 1.74 0.00	30.00 1.58 0.00	29.99 1.48 0.00	28.73 1.41 0.00	30.05 1.73 0.00	36.35 2.45 -0.89	42.21 2.51 0.00	39.49 2.36 0.00	45.41 2.82 -1.16	46.14 2.70 -5.23	38.47 2.55 0.00	31.71 2.06 0.00	30.05 2.27 0.00	30.20 2.20 -0.13	28.17 2.03 0.00
CALSPAN___DRP 24200	28.38 -0.82 0.00	27.19 -0.72 0.00	27.43 -0.66 0.00	29.10 -0.69 0.00	26.92 -0.64 0.00	48.76 -0.87 0.00	33.69 -1.22 0.00	54.75 -1.95 0.00	42.35 -0.71 0.00	34.59 0.40 0.00	29.06 0.64 0.00	29.13 0.63 0.00	28.01 0.69 0.00	29.31 0.99 0.00	33.72 0.71 0.00	40.21 0.51 0.00	37.25 0.12 0.00	41.49 0.05 0.00	38.41 0.20 0.00	35.62 -0.30 0.00	29.11 -0.54 0.00	27.29 -0.50 0.00	27.30 -0.57 0.00	25.74 -0.39 0.00

CALVERTON___SOLAR 323806	30.88 1.68 0.00	32.30 1.89 -2.49	29.45 1.36 0.00	31.67 1.87 0.00	29.51 1.96 0.00	52.42 2.79 0.00	36.81 1.90 0.00	60.05 3.35 0.00	45.51 2.45 0.00	35.22 1.04 0.00	24.58 1.01 4.84	23.93 0.83 5.41	24.26 0.81 3.87	29.64 1.32 0.00	36.04 2.26 -0.76	42.32 2.61 0.00	39.44 2.32 0.00	45.74 3.27 -1.04	45.99 3.10 -4.68	38.76 2.84 0.00	31.92 2.28 0.00	30.23 2.45 0.00	30.39 2.39 -0.12	28.29 2.15 0.00
CANDIGU_WT_PWR 323617	28.48 -0.72 0.00	27.20 -0.71 0.00	27.51 -0.58 0.00	29.87 -0.53 -0.60	27.53 -0.44 -0.41	49.75 -0.39 -0.50	34.55 -0.56 -0.21	57.33 -0.85 -1.48	46.36 -0.21 -3.51	35.46 0.44 -0.84	30.44 0.45 -1.57	29.39 0.55 -0.33	28.46 0.52 -0.61	30.00 0.59 -1.09	34.15 0.39 -0.74	40.71 0.32 -0.69	38.75 -0.15 -1.78	42.53 0.01 -1.09	38.96 0.03 -0.71	35.57 -0.34 0.00	29.32 -0.53 -0.21	28.39 -0.62 -1.23	27.15 -0.72 0.00	25.65 -0.49 0.00
CARR STREET_E_SYR 24060	28.61 -0.60 0.00	27.31 -0.60 0.00	27.51 -0.58 0.00	29.19 -0.61 0.00	27.01 -0.55 0.00	48.75 -0.88 0.00	34.30 -0.60 0.00	55.77 -0.92 0.00	42.43 -0.63 0.00	33.73 -0.45 0.00	28.06 -0.36 0.00	28.14 -0.37 0.00	26.98 -0.35 0.00	28.00 -0.32 0.00	32.61 -0.40 0.00	39.24 -0.46 0.00	36.71 -0.42 0.00	41.04 -0.39 0.00	37.85 -0.36 0.00	35.49 -0.43 0.00	29.24 -0.41 0.00	27.37 -0.41 0.00	27.44 -0.43 0.00	25.75 -0.39 0.00
CARTHAGE___PAPER 23857	30.98 1.78 0.00	29.54 1.63 0.00	29.60 1.51 0.00	31.52 1.72 0.00	29.22 1.67 0.00	53.07 3.43 0.00	37.58 2.68 0.00	61.18 4.48 0.00	45.59 2.53 0.00	35.57 1.39 0.00	29.48 1.06 0.00	29.48 0.97 0.00	27.86 0.54 0.00	28.75 0.43 0.00	33.46 0.45 0.00	40.70 0.99 0.00	38.56 1.44 0.00	45.92 2.08 -2.41	43.09 1.81 -3.06	37.15 1.23 0.00	30.60 0.95 0.00	28.44 0.66 0.00	28.50 0.63 0.00	26.61 0.47 0.00
CASSADAGA_WT_PWR 323784	28.76 -0.45 0.00	27.65 -0.27 0.00	28.00 -0.09 0.00	27.96 0.02 1.86	26.32 0.05 1.28	48.60 0.51 1.55	34.16 -0.09 0.65	52.22 0.13 4.61	33.10 0.95 10.92	33.33 1.76 2.62	25.22 1.68 4.88	29.20 1.72 1.03	27.15 1.73 1.90	26.98 2.06 3.39	32.65 1.94 2.31	39.56 1.97 2.11	33.09 1.39 5.43	39.60 1.48 3.32	37.50 1.47 2.18	36.82 0.90 0.00	29.29 0.28 0.64	24.18 0.15 3.76	27.95 0.08 0.00	26.26 0.13 0.00
CE_DUNWOOD___DRP 24194	30.39 1.18 0.00	29.00 1.09 0.00	29.09 1.00 0.00	30.90 1.11 0.00	28.63 1.07 0.00	51.33 1.70 0.00	36.24 1.34 0.00	58.90 2.20 0.00	44.85 1.79 0.00	35.74 1.56 0.00	29.89 1.48 0.00	30.03 1.52 0.00	28.75 1.43 0.00	29.69 1.38 0.00	34.70 1.69 0.00	41.71 2.01 0.00	39.01 1.89 0.00	43.63 2.20 0.00	40.21 2.00 0.00	37.91 2.00 0.00	31.27 1.63 0.00	29.38 1.60 0.00	29.46 1.58 0.00	27.72 1.59 0.00
CE_MILLWOOD___DRP 24193	30.33 1.12 0.00	28.95 1.04 0.00	29.04 0.95 0.00	30.85 1.05 0.00	28.58 1.02 0.00	51.25 1.62 0.00	36.18 1.28 0.00	58.79 2.10 0.00	44.77 1.71 0.00	35.67 1.49 0.00	29.83 1.41 0.00	29.96 1.45 0.00	28.69 1.37 0.00	29.62 1.30 0.00	34.62 1.61 0.00	41.63 1.92 0.00	38.93 1.81 0.00	43.54 2.11 0.00	40.13 1.92 0.00	37.84 1.92 0.00	31.21 1.57 0.00	29.33 1.54 0.00	29.40 1.53 0.00	27.67 1.53 0.00
CE_NYC2_DRP 24202	30.54 1.33 0.00	29.14 1.23 0.00	29.22 1.13 0.00	31.08 1.28 0.00	28.81 1.26 0.00	51.56 1.92 0.00	36.43 1.53 0.00	59.18 2.48 0.00	45.15 2.09 0.00	36.05 1.87 0.00	30.24 1.83 0.00	30.36 1.86 0.00	29.06 1.74 0.00	29.95 1.64 0.00	34.97 1.96 0.00	42.04 2.33 0.00	39.30 2.18 0.00	43.91 2.48 0.00	40.47 2.26 0.00	38.19 2.27 0.00	31.48 1.83 0.00	29.57 1.79 0.00	29.64 1.77 0.00	27.94 1.81 0.00
CE_NYC_DRP 24195	30.56 1.35 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.22 0.00	51.56 1.92 0.00	36.39 1.49 0.00	59.14 2.44 0.00	45.11 2.05 0.00	36.01 1.82 0.00	30.19 1.77 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.92 1.61 0.00	34.97 1.95 0.00	42.04 2.33 0.00	39.30 2.18 0.00	43.92 2.49 0.00	40.47 2.26 0.00	38.17 2.25 0.00	31.47 1.82 0.00	29.57 1.79 0.00	29.64 1.77 0.00	27.94 1.80 0.00
CHAFFEE___LFGE 323603	28.59 -0.61 0.00	27.36 -0.55 0.00	27.60 -0.49 0.00	27.42 -0.51 1.88	25.79 -0.47 1.30	47.49 -0.58 1.57	33.29 -0.96 0.66	50.53 -1.52 4.65	31.69 -0.35 11.03	32.22 0.68 2.64	24.30 0.81 4.93	28.30 0.83 1.04	26.29 0.89 1.92	26.10 1.21 3.43	31.63 0.94 2.33	38.37 0.80 2.13	32.03 0.39 5.48	38.45 0.37 3.35	36.50 0.48 2.20	35.90 -0.02 0.00	28.71 -0.29 0.65	23.72 -0.27 3.79	27.52 -0.35 0.00	25.94 -0.20 0.00
CHATEAUG_35_KV_LOAD 355732	30.42 1.22 0.00	29.07 1.15 0.00	29.23 1.14 0.00	31.00 1.20 0.00	28.61 1.06 0.00	51.54 1.90 0.00	36.12 1.22 0.00	58.57 1.87 0.00	44.75 1.69 0.00	35.33 1.15 0.00	29.21 0.80 0.00	29.22 0.71 0.00	27.91 0.59 0.00	28.90 0.58 0.00	33.39 0.38 0.00	40.03 0.32 0.00	36.99 -0.13 0.00	-8.80 -0.89 49.34	-25.35 -0.72 62.84	35.40 -0.51 0.00	29.37 -0.27 0.00	27.72 -0.07 0.00	27.81 -0.06 0.00	25.58 -0.55 0.00
CHATEAUG_WT_PWR 323614	30.28 1.08 0.00	28.93 1.02 0.00	29.10 1.01 0.00	30.88 1.08 0.00	28.50 0.95 0.00	51.28 1.65 0.00	35.94 1.04 0.00	58.23 1.54 0.00	44.57 1.52 0.00	35.25 1.07 0.00	29.19 0.77 0.00	29.20 0.69 0.00	27.90 0.58 0.00	28.89 0.57 0.00	33.42 0.41 0.00	40.02 0.31 0.00	36.93 -0.19 0.00	-5.47 -1.05 45.85	-21.04 -0.86 58.39	35.31 -0.61 0.00	29.31 -0.34 0.00	27.67 -0.11 0.00	27.79 -0.08 0.00	25.54 -0.60 0.00
CHAT_HIGH_FALL_HYD 323578	30.42 1.22 0.00	29.07 1.15 0.00	29.23 1.14 0.00	31.00 1.20 0.00	28.61 1.06 0.00	51.54 1.90 0.00	36.12 1.22 0.00	58.57 1.87 0.00	44.75 1.69 0.00	35.33 1.15 0.00	29.21 0.80 0.00	29.22 0.71 0.00	27.91 0.59 0.00	28.90 0.58 0.00	33.39 0.38 0.00	40.03 0.32 0.00	36.99 -0.13 0.00	-8.80 -0.89 49.34	-25.35 -0.72 62.84	35.40 -0.51 0.00	29.37 -0.27 0.00	27.72 -0.07 0.00	27.81 -0.06 0.00	25.58 -0.55 0.00
CHAUTAUQUA___LFGE 323629	28.50 -0.70 0.00	27.35 -0.56 0.00	27.64 -0.45 0.00	27.64 -0.44 1.72	25.99 -0.38 1.18	47.90 -0.30 1.43	33.59 -0.72 0.60	51.43 -1.02 4.25	33.05 0.06 10.07	32.78 1.02 2.41	24.98 1.07 4.50	28.61 1.05 0.95	26.68 1.11 1.76	26.60 1.42 3.13	32.10 1.21 2.13	38.87 1.11 1.94	32.79 0.67 5.00	39.06 0.69 3.06	36.95 0.75 2.01	36.13 0.21 0.00	28.85 -0.20 0.59	24.07 -0.25 3.46	27.54 -0.33 0.00	25.90 -0.23 0.00
CHERRYST_13_KV_LD 356241	30.63 1.42 0.00	29.22 1.31 0.00	29.29 1.20 0.00	31.12 1.33 0.00	28.84 1.29 0.00	51.70 2.07 0.00	36.51 1.60 0.00	59.31 2.62 0.00	45.26 2.20 0.00	36.13 1.95 0.00	30.29 1.87 0.00	30.43 1.92 0.00	29.14 1.82 0.00	30.03 1.72 0.00	35.10 2.08 0.00	42.17 2.47 0.00	39.44 2.31 0.00	44.07 2.64 0.00	40.60 2.39 0.00	38.29 2.37 0.00	31.56 1.92 0.00	29.65 1.87 0.00	29.73 1.85 0.00	28.02 1.88 0.00

CHESTROR_138KV_BK263 355645	30.14 0.93 0.00	28.78 0.87 0.00	28.89 0.80 0.00	30.69 0.89 0.00	28.42 0.87 0.00	51.03 1.40 0.00	36.02 1.12 0.00	58.51 1.82 0.00	44.52 1.46 0.00	35.44 1.26 0.00	29.57 1.16 0.00	29.70 1.20 0.00	28.43 1.11 0.00	29.38 1.07 0.00	34.34 1.33 0.00	41.33 1.63 0.00	38.67 1.55 0.00	43.27 1.84 0.00	39.89 1.67 0.00	37.60 1.68 0.00	31.01 1.37 0.00	29.13 1.35 0.00	29.20 1.32 0.00	27.46 1.33 0.00
CH_MIDHUDSON___DRP 24192	30.34 1.13 0.00	28.97 1.05 0.00	29.08 0.99 0.00	30.88 1.09 0.00	28.60 1.05 0.00	51.33 1.69 0.00	36.24 1.34 0.00	58.89 2.19 0.00	44.80 1.74 0.00	35.63 1.45 0.00	29.75 1.33 0.00	29.85 1.34 0.00	28.60 1.28 0.00	29.55 1.24 0.00	34.54 1.53 0.00	41.56 1.85 0.00	38.87 1.75 0.00	43.49 2.06 0.00	40.08 1.87 0.00	37.76 1.84 0.00	31.15 1.51 0.00	29.26 1.47 0.00	29.34 1.46 0.00	27.56 1.43 0.00
CH_MISC_IPPS 23765	30.51 1.30 0.00	29.13 1.22 0.00	29.24 1.15 0.00	31.05 1.26 0.00	28.76 1.20 0.00	51.66 2.02 0.00	36.49 1.58 0.00	59.30 2.60 0.00	45.12 2.05 0.00	35.90 1.72 0.00	30.01 1.60 0.00	30.12 1.60 0.00	28.84 1.51 0.00	29.81 1.50 0.00	34.87 1.85 0.00	41.91 2.21 0.00	39.18 2.05 0.00	43.84 2.41 0.00	40.41 2.20 0.00	38.07 2.16 0.00	31.41 1.77 0.00	29.49 1.70 0.00	29.54 1.67 0.00	27.77 1.63 0.00
CH_RES_BVR_FALLS 23983	29.33 0.12 0.00	28.08 0.16 0.00	28.26 0.17 0.00	29.97 0.17 0.00	27.71 0.15 0.00	49.93 0.29 0.00	35.05 0.14 0.00	56.90 0.21 0.00	43.24 0.18 0.00	34.31 0.13 0.00	28.48 0.07 0.00	28.56 0.05 0.00	27.36 0.04 0.00	28.38 0.06 0.00	33.03 0.02 0.00	39.69 -0.01 0.00	37.06 -0.06 0.00	41.29 -0.14 0.00	38.10 -0.11 0.00	35.75 -0.17 0.00	29.50 -0.15 0.00	27.64 -0.14 0.00	27.74 -0.13 0.00	25.91 -0.22 0.00
CH_RES_NIAGARA 23895	27.19 -2.02 0.00	26.07 -1.84 0.00	26.28 -1.81 0.00	27.85 -1.95 0.00	25.75 -1.81 0.00	46.55 -3.08 0.00	32.05 -2.83 0.01	52.02 -4.67 0.01	40.32 -2.74 0.00	32.93 -1.25 0.00	27.70 -0.71 0.00	27.73 -0.78 0.00	26.66 -0.65 0.00	27.92 -0.39 0.00	32.10 -0.90 0.01	38.24 -1.47 0.00	35.47 -1.65 0.00	39.46 -1.97 0.00	36.58 -1.63 0.00	33.89 -2.02 0.00	27.71 -1.92 0.01	25.99 -1.78 0.01	26.11 -1.77 0.00	24.69 -1.45 0.00
CH_RES_SYRACUSE 23985	28.79 -0.42 0.00	27.51 -0.41 0.00	27.68 -0.41 0.00	29.38 -0.42 0.00	27.18 -0.37 0.00	49.12 -0.52 0.00	34.58 -0.33 0.00	56.25 -0.45 0.00	42.72 -0.34 0.00	33.96 -0.23 0.00	28.24 -0.18 0.00	28.33 -0.18 0.00	27.14 -0.18 0.00	28.19 -0.13 0.00	32.85 -0.17 0.00	39.52 -0.18 0.00	36.97 -0.16 0.00	41.33 -0.11 0.00	38.11 -0.10 0.00	35.73 -0.18 0.00	29.44 -0.21 0.00	27.56 -0.23 0.00	27.63 -0.24 0.00	25.93 -0.21 0.00
CLINTON_WT_PWR 323605	30.28 1.08 0.00	28.93 1.02 0.00	29.10 1.01 0.00	30.88 1.08 0.00	28.50 0.95 0.00	51.28 1.65 0.00	35.94 1.04 0.00	58.23 1.54 0.00	44.57 1.52 0.00	35.25 1.07 0.00	29.19 0.77 0.00	29.20 0.69 0.00	27.90 0.58 0.00	28.89 0.57 0.00	33.42 0.41 0.00	40.02 0.31 0.00	36.93 -0.19 0.00	-5.47 -1.05 45.85	-21.04 -0.86 58.39	35.31 -0.61 0.00	29.31 -0.34 0.00	27.67 -0.11 0.00	27.79 -0.08 0.00	25.54 -0.60 0.00
CLINTON___LFGE 323618	30.65 1.44 0.00	29.28 1.37 0.00	29.45 1.36 0.00	31.25 1.45 0.00	28.85 1.30 0.00	51.90 2.26 0.00	36.39 1.48 0.00	58.89 2.19 0.00	45.18 2.12 0.00	35.72 1.54 0.00	29.53 1.11 0.00	29.51 1.00 0.00	28.20 0.88 0.00	29.22 0.90 0.00	33.83 0.82 0.00	40.55 0.84 0.00	37.49 0.36 0.00	-5.83 -0.50 46.76	-21.60 -0.27 59.55	35.87 -0.04 0.00	29.75 0.10 0.00	28.06 0.27 0.00	28.20 0.32 0.00	25.85 -0.28 0.00
COBBLENY_34_KV_TB1 80064	28.58 -0.63 0.00	27.37 -0.55 0.00	27.60 -0.49 0.00	29.29 -0.51 0.00	27.09 -0.47 0.00	49.07 -0.57 0.00	33.94 -0.96 0.00	55.17 -1.53 0.00	42.71 -0.35 0.00	34.87 0.68 0.00	29.27 0.85 0.00	29.35 0.84 0.00	28.22 0.90 0.00	29.53 1.21 0.00	33.98 0.96 0.00	40.50 0.79 0.00	37.51 0.39 0.00	41.82 0.38 0.00	38.72 0.51 0.00	35.90 -0.02 0.00	29.35 -0.29 0.00	27.51 -0.27 0.00	27.52 -0.35 0.00	25.94 -0.20 0.00
COFFEEN___115KV_TB3 355620	30.81 1.61 0.00	29.39 1.47 0.00	29.44 1.35 0.00	31.35 1.55 0.00	29.09 1.53 0.00	52.84 3.21 0.00	37.42 2.52 0.00	61.00 4.30 0.00	45.42 2.36 0.00	35.53 1.36 0.00	29.41 0.99 0.00	29.33 0.82 0.00	27.75 0.43 0.00	28.62 0.30 0.00	33.36 0.35 0.00	40.73 1.03 0.00	38.70 1.57 0.00	45.82 2.35 -2.03	42.82 2.03 -2.58	37.31 1.39 0.00	30.72 1.07 0.00	28.53 0.75 0.00	28.55 0.67 0.00	26.65 0.51 0.00
COLDSPRG_115KV_BK1 355956	29.52 0.31 0.00	28.29 0.38 0.00	28.59 0.50 0.00	30.42 0.62 0.00	28.17 0.61 0.00	51.02 1.39 0.00	35.28 0.37 0.00	57.47 0.77 0.00	44.48 1.42 0.00	36.39 2.21 0.00	30.54 2.12 0.00	30.75 2.24 0.00	29.53 2.21 0.00	30.86 2.54 0.00	35.56 2.55 0.00	42.35 2.65 0.00	39.00 1.88 0.00	43.43 2.00 0.00	40.19 1.97 0.00	37.39 1.47 0.00	30.51 0.86 0.00	28.62 0.83 0.00	28.63 0.76 0.00	26.92 0.78 0.00
COLONIE_LFGE___ 323577	30.06 0.85 0.00	28.73 0.82 0.00	28.92 0.83 0.00	30.69 0.89 0.00	28.37 0.82 0.00	51.01 1.38 0.00	35.98 1.08 0.00	58.45 1.75 0.00	44.13 1.07 0.00	34.69 0.51 0.00	28.82 0.40 0.00	28.87 0.36 0.00	27.72 0.40 0.00	28.72 0.41 0.00	33.74 0.72 0.00	40.56 0.86 0.00	38.13 1.00 0.00	42.56 1.13 0.00	39.11 0.90 0.00	36.92 1.01 0.00	30.58 0.94 0.00	28.66 0.88 0.00	28.77 0.89 0.00	26.90 0.76 0.00
COOPERNY_115KV_TB1 80082	29.91 0.70 0.00	28.56 0.64 0.00	28.70 0.61 0.00	30.48 0.68 0.00	28.21 0.66 0.00	50.70 1.07 0.00	35.75 0.85 0.00	58.08 1.38 0.00	44.16 1.10 0.00	35.15 0.97 0.00	29.30 0.88 0.00	29.44 0.92 0.00	28.18 0.86 0.00	29.14 0.82 0.00	34.02 1.01 0.00	40.93 1.23 0.00	38.27 1.15 0.00	42.79 1.36 0.00	39.47 1.25 0.00	37.17 1.25 0.00	30.66 1.02 0.00	28.79 1.01 0.00	28.85 0.98 0.00	27.12 0.99 0.00
COPENHAGEN_WT_PWR 323753	30.46 1.25 0.00	29.06 1.14 0.00	29.10 1.00 0.00	31.01 1.21 0.00	28.77 1.21 0.00	52.21 2.57 0.00	36.93 2.02 0.00	60.15 3.45 0.00	44.92 1.86 0.00	35.21 1.03 0.00	29.17 0.75 0.00	29.13 0.62 0.00	27.57 0.25 0.00	28.48 0.16 0.00	33.18 0.17 0.00	40.30 0.60 0.00	38.16 1.04 0.00	45.07 1.71 -1.93	42.06 1.40 -2.45	36.68 0.77 0.00	30.22 0.58 0.00	28.04 0.26 0.00	28.08 0.20 0.00	26.23 0.09 0.00
CORNELL_____ 23752	29.56 0.36 0.00	28.22 0.30 0.00	28.42 0.33 0.00	30.17 0.37 0.00	27.92 0.36 0.00	50.52 0.88 0.00	35.60 0.70 0.00	57.97 1.27 0.00	44.04 0.98 0.00	34.96 0.78 0.00	28.95 0.54 0.00	28.99 0.48 0.00	27.78 0.46 0.00	28.84 0.52 0.00	33.68 0.66 0.00	40.60 0.89 0.00	37.97 0.85 0.00	42.50 1.07 0.00	39.19 0.98 0.00	36.72 0.80 0.00	30.21 0.56 0.00	28.25 0.47 0.00	28.30 0.43 0.00	26.54 0.40 0.00

CORONA__69_KV_TB1 355595	30.98 1.78 0.00	32.15 1.74 -2.49	29.56 1.47 0.00	31.50 1.70 0.00	29.26 1.70 0.00	52.09 2.46 0.00	36.77 1.87 0.00	59.86 3.16 0.00	45.47 2.41 0.00	35.97 1.79 0.00	30.07 1.65 0.00	30.03 1.52 0.00	28.80 1.48 0.00	30.05 1.73 0.00	36.62 2.44 -1.17	42.37 2.67 0.00	39.62 2.50 0.00	45.88 2.94 -1.51	47.84 2.80 -6.83	38.57 2.66 0.00	31.80 2.16 0.00	30.03 2.24 0.00	30.16 2.13 -0.16	28.13 1.99 0.00
CORTLAND__115KV_TB3 80093	29.33 0.12 0.00	27.99 0.07 0.00	28.20 0.12 0.00	29.93 0.13 0.00	27.70 0.14 0.00	50.07 0.44 0.00	35.28 0.37 0.00	57.39 0.69 0.00	43.59 0.53 0.00	34.58 0.40 0.00	28.69 0.28 0.00	28.78 0.27 0.00	27.56 0.24 0.00	28.58 0.26 0.00	33.33 0.31 0.00	40.16 0.45 0.00	37.60 0.47 0.00	42.09 0.66 0.00	38.84 0.63 0.00	36.40 0.48 0.00	29.97 0.32 0.00	28.04 0.26 0.00	28.10 0.23 0.00	26.35 0.21 0.00
COXSACKIE__GT 23611	30.66 1.46 0.00	29.29 1.37 0.00	29.52 1.43 0.00	31.30 1.50 0.00	28.94 1.39 0.00	52.27 2.64 0.00	37.01 2.11 0.00	60.34 3.64 0.00	45.19 2.13 0.00	34.98 0.80 0.00	28.89 0.47 0.00	28.80 0.29 0.00	27.64 0.32 0.00	28.69 0.37 0.00	33.86 0.84 0.00	41.25 1.54 2.11	39.23 2.11 0.00	44.05 2.62 0.00	40.51 2.30 2.12	38.04 2.12 0.00	31.39 1.75 0.00	29.34 1.56 0.00	29.35 1.48 0.00	27.41 1.28 0.00
CPV_VALLEY__CC1 323721	29.99 0.78 0.00	28.64 0.72 0.00	28.75 0.66 0.00	30.53 0.74 0.00	28.28 0.72 0.00	50.77 1.13 0.00	35.82 0.92 0.00	58.21 1.51 0.00	44.27 1.21 0.00	35.25 1.07 0.00	29.43 1.01 0.00	29.57 1.06 0.00	28.31 0.98 0.00	29.26 0.94 0.00	34.17 1.16 0.00	41.10 1.40 0.00	38.44 1.31 0.00	42.99 1.55 0.00	39.62 1.41 0.00	37.34 1.43 0.00	30.81 1.17 0.00	28.95 1.17 0.00	29.01 1.14 0.00	27.28 1.15 0.00
CPV_VALLEY__CC2 323722	29.99 0.78 0.00	28.64 0.72 0.00	28.75 0.66 0.00	30.53 0.74 0.00	28.28 0.72 0.00	50.77 1.13 0.00	35.82 0.92 0.00	58.21 1.51 0.00	44.27 1.21 0.00	35.25 1.07 0.00	29.43 1.01 0.00	29.57 1.06 0.00	28.31 0.98 0.00	29.26 0.94 0.00	34.17 1.16 0.00	41.10 1.40 0.00	38.44 1.31 0.00	42.99 1.55 0.00	39.62 1.41 0.00	37.34 1.43 0.00	30.81 1.17 0.00	28.95 1.17 0.00	29.01 1.14 0.00	27.28 1.15 0.00
CRESCENT__HYD 24018	30.06 0.85 0.00	28.73 0.82 0.00	28.92 0.83 0.00	30.69 0.89 0.00	28.37 0.82 0.00	51.01 1.38 0.00	35.98 1.08 0.00	58.45 1.75 0.00	44.13 1.07 0.00	34.69 0.51 0.00	28.82 0.40 0.00	28.87 0.36 0.00	27.72 0.40 0.00	28.72 0.41 0.00	33.74 0.72 0.00	40.56 0.86 0.00	38.13 1.00 0.00	42.56 1.13 0.00	39.11 0.90 0.00	36.92 1.01 0.00	30.58 0.94 0.00	28.66 0.88 0.00	28.77 0.89 0.00	26.90 0.76 0.00
CRICKET__VALLEY_CC1 323756	30.06 0.85 0.00	28.71 0.80 0.00	28.80 0.71 0.00	30.60 0.81 0.00	28.34 0.78 0.00	50.74 1.11 0.00	35.82 0.92 0.00	58.20 1.50 0.00	44.28 1.22 0.00	35.25 1.06 0.00	29.43 1.01 0.00	29.56 1.05 0.00	28.31 0.99 0.00	29.24 0.92 0.00	34.18 1.17 0.00	41.10 1.39 0.00	38.46 1.34 0.00	43.00 1.57 0.00	39.62 1.41 0.00	37.36 1.44 0.00	30.82 1.18 0.00	28.96 1.17 0.00	29.03 1.16 0.00	27.30 1.17 0.00
CRICKET__VALLEY_CC2 323757	30.06 0.85 0.00	28.71 0.80 0.00	28.80 0.71 0.00	30.60 0.81 0.00	28.34 0.78 0.00	50.74 1.11 0.00	35.82 0.92 0.00	58.20 1.50 0.00	44.28 1.22 0.00	35.25 1.06 0.00	29.43 1.01 0.00	29.56 1.05 0.00	28.31 0.99 0.00	29.24 0.92 0.00	34.18 1.17 0.00	41.10 1.39 0.00	38.46 1.34 0.00	43.00 1.57 0.00	39.62 1.41 0.00	37.36 1.44 0.00	30.82 1.18 0.00	28.96 1.17 0.00	29.03 1.16 0.00	27.30 1.17 0.00
CRICKET__VALLEY_CC3 323758	30.06 0.85 0.00	28.71 0.80 0.00	28.80 0.71 0.00	30.60 0.81 0.00	28.34 0.78 0.00	50.74 1.11 0.00	35.82 0.92 0.00	58.20 1.50 0.00	44.28 1.22 0.00	35.25 1.06 0.00	29.43 1.01 0.00	29.56 1.05 0.00	28.31 0.99 0.00	29.24 0.92 0.00	34.18 1.17 0.00	41.10 1.39 0.00	38.46 1.34 0.00	43.00 1.57 0.00	39.62 1.41 0.00	37.36 1.44 0.00	30.82 1.18 0.00	28.96 1.17 0.00	29.03 1.16 0.00	27.30 1.17 0.00
CRUCIBLE_METL_DRP 24180	28.79 -0.42 0.00	27.51 -0.41 0.00	27.68 -0.41 0.00	29.38 -0.42 0.00	27.18 -0.37 0.00	49.12 -0.52 0.00	34.58 -0.33 0.00	56.25 -0.45 0.00	42.72 -0.34 0.00	33.95 -0.23 0.00	28.24 -0.18 0.00	28.33 -0.18 0.00	27.14 -0.18 0.00	28.18 -0.13 0.00	32.85 -0.17 0.00	39.52 -0.18 0.00	36.97 -0.16 0.00	41.32 -0.11 0.00	38.11 -0.10 0.00	35.73 -0.18 0.00	29.44 -0.21 0.00	27.56 -0.23 0.00	27.63 -0.24 0.00	25.93 -0.21 0.00
DAHOWA__HYDRO 323763	30.52 1.32 0.00	29.17 1.26 0.00	29.36 1.27 0.00	31.16 1.37 0.00	28.84 1.28 0.00	51.91 2.27 0.00	36.67 1.77 0.00	59.53 2.83 0.00	44.82 1.76 0.00	35.07 0.89 0.00	29.09 0.68 0.00	29.08 0.56 0.00	27.92 0.60 0.00	28.94 0.62 0.00	34.12 1.11 0.00	41.23 1.52 0.00	38.87 1.75 0.00	43.43 2.00 0.00	39.91 1.70 0.00	37.68 1.76 0.00	31.12 1.48 0.00	29.15 1.36 0.00	29.30 1.43 0.00	27.31 1.18 0.00
DANC__LFGE 323619	29.78 0.57 0.00	28.41 0.49 0.00	28.50 0.41 0.00	30.33 0.54 0.00	28.11 0.56 0.00	50.94 1.30 0.00	35.95 1.05 0.00	58.55 1.85 0.00	43.96 0.89 0.00	34.62 0.44 0.00	28.70 0.28 0.00	28.69 0.18 0.00	27.27 -0.05 0.00	28.21 -0.11 0.00	32.88 -0.13 0.00	39.82 0.12 0.00	37.52 0.40 0.00	43.67 0.86 -1.37	40.64 0.69 -1.75	36.18 0.26 0.00	29.83 0.19 0.00	27.79 0.00 0.00	27.83 -0.04 0.00	26.04 -0.10 0.00
DANSKAMMER__1 23586	30.51 1.30 0.00	29.13 1.22 0.00	29.24 1.15 0.00	31.05 1.26 0.00	28.76 1.20 0.00	51.66 2.02 0.00	36.49 1.58 0.00	59.30 2.60 0.00	45.12 2.05 0.00	35.90 1.72 0.00	30.01 1.60 0.00	30.12 1.60 0.00	28.84 1.51 0.00	29.81 1.50 0.00	34.87 1.85 0.00	41.91 2.21 0.00	39.18 2.05 0.00	43.84 2.41 0.00	40.41 2.20 0.00	38.07 2.16 0.00	31.41 1.77 0.00	29.49 1.70 0.00	29.54 1.67 0.00	27.77 1.63 0.00
DANSKAMMER__2 23589	30.51 1.30 0.00	29.13 1.22 0.00	29.24 1.15 0.00	31.05 1.26 0.00	28.76 1.20 0.00	51.66 2.02 0.00	36.49 1.58 0.00	59.30 2.60 0.00	45.12 2.05 0.00	35.90 1.72 0.00	30.01 1.60 0.00	30.12 1.60 0.00	28.84 1.51 0.00	29.81 1.50 0.00	34.87 1.85 0.00	41.91 2.21 0.00	39.18 2.05 0.00	43.84 2.41 0.00	40.41 2.20 0.00	38.07 2.16 0.00	31.41 1.77 0.00	29.49 1.70 0.00	29.54 1.67 0.00	27.77 1.63 0.00
DANSKAMMER__3 23590	30.51 1.30 0.00	29.13 1.22 0.00	29.24 1.15 0.00	31.05 1.26 0.00	28.76 1.20 0.00	51.66 2.02 0.00	36.49 1.58 0.00	59.30 2.60 0.00	45.12 2.05 0.00	35.90 1.72 0.00	30.01 1.60 0.00	30.12 1.60 0.00	28.84 1.51 0.00	29.81 1.50 0.00	34.87 1.85 0.00	41.91 2.21 0.00	39.18 2.05 0.00	43.84 2.41 0.00	40.41 2.20 0.00	38.07 2.16 0.00	31.41 1.77 0.00	29.49 1.70 0.00	29.54 1.67 0.00	27.77 1.63 0.00

DANSKAMMER___4 23591	30.51 1.30 0.00	29.13 1.22 0.00	29.24 1.15 0.00	31.05 1.26 0.00	28.76 1.20 0.00	51.66 2.02 0.00	36.49 1.58 0.00	59.30 2.60 0.00	45.12 2.05 0.00	35.90 1.72 0.00	30.01 1.60 0.00	30.12 1.60 0.00	28.84 1.51 0.00	29.81 1.50 0.00	34.87 1.85 0.00	41.91 2.21 0.00	39.18 2.05 0.00	43.84 2.41 0.00	40.41 2.20 0.00	38.07 2.16 0.00	31.41 1.77 0.00	29.49 1.70 0.00	29.54 1.67 0.00	27.77 1.63 0.00
DANSKAMMER___DIESEL 23592	30.52 1.31 0.00	29.13 1.22 0.00	29.24 1.15 0.00	31.05 1.26 0.00	28.76 1.21 0.00	51.66 2.03 0.00	36.48 1.58 0.00	59.30 2.60 0.00	45.12 2.06 0.00	35.90 1.72 0.00	30.01 1.59 0.00	30.11 1.61 0.00	28.84 1.51 0.00	29.81 1.50 0.00	34.86 1.85 0.00	41.91 2.21 0.00	39.18 2.05 0.00	43.84 2.41 0.00	40.41 2.20 0.00	38.07 2.16 0.00	31.41 1.77 0.00	29.49 1.70 0.00	29.54 1.67 0.00	27.77 1.63 0.00
DARBY___SOLAR 323810	30.39 1.18 0.00	29.06 1.14 0.00	29.24 1.15 0.00	31.03 1.23 0.00	28.70 1.15 0.00	51.66 2.03 0.00	36.48 1.58 0.00	59.22 2.53 0.00	44.59 1.53 0.00	34.91 0.73 0.00	28.97 0.55 0.00	28.96 0.45 0.00	27.81 0.49 0.00	28.82 0.50 0.00	33.97 0.96 0.00	41.03 1.32 0.00	38.67 1.55 0.00	43.21 1.78 0.00	39.71 1.50 0.00	37.48 1.56 0.00	30.98 1.33 0.00	29.01 1.23 0.00	29.16 1.28 0.00	27.20 1.07 0.00
DASHVILLE___HYD 23610	29.99 0.78 0.00	28.64 0.73 0.00	28.78 0.69 0.00	30.56 0.76 0.00	28.29 0.74 0.00	50.76 1.13 0.00	35.83 0.93 0.00	58.22 1.52 0.00	44.33 1.27 0.00	35.29 1.11 0.00	29.41 0.99 0.00	29.55 1.04 0.00	28.29 0.97 0.00	29.25 0.94 0.00	34.16 1.15 0.00	41.08 1.37 0.00	38.40 1.28 0.00	42.95 1.51 0.00	39.62 1.41 0.00	37.32 1.41 0.00	30.80 1.16 0.00	28.92 1.14 0.00	28.99 1.11 0.00	27.25 1.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.08 1.88 0.00	32.39 1.98 -2.49	29.60 1.51 0.00	31.85 2.06 0.00	29.81 2.26 0.00	52.95 3.32 0.00	37.21 2.31 0.00	60.67 3.97 0.00	46.01 2.95 0.00	35.40 1.22 0.00	24.32 0.99 5.08	23.77 0.93 5.67	24.31 1.05 4.06	29.93 1.61 0.00	36.29 2.51 -0.76	42.70 3.00 0.00	39.68 2.55 0.00	45.96 3.49 -1.04	46.07 3.17 -4.68	38.69 2.77 0.00	31.87 2.23 0.00	30.19 2.40 0.00	30.32 2.32 -0.12	28.19 2.05 0.00
DELAWARE___LFGE 323621	29.94 0.74 0.00	28.61 0.69 0.00	28.82 0.73 0.00	30.58 0.79 0.00	28.27 0.72 0.00	50.96 1.32 0.00	35.91 1.00 0.00	58.30 1.60 0.00	44.28 1.22 0.00	35.25 1.07 0.00	29.36 0.94 0.00	29.49 0.98 0.00	28.20 0.87 0.00	29.17 0.86 0.00	33.97 0.96 0.00	40.88 1.18 0.00	38.15 1.03 0.00	42.64 1.20 0.00	39.34 1.13 0.00	36.97 1.05 0.00	30.50 0.85 0.00	28.59 0.81 0.00	28.65 0.78 0.00	26.91 0.77 0.00
DERFIELD_115KV_TB7 355931	29.27 0.06 0.00	27.99 0.07 0.00	28.17 0.08 0.00	29.89 0.09 0.00	27.64 0.08 0.00	49.78 0.15 0.00	35.06 0.16 0.00	56.95 0.25 0.00	43.16 0.10 0.00	34.20 0.02 0.00	28.44 0.03 0.00	28.54 0.03 0.00	27.33 0.01 0.00	28.29 -0.03 0.00	33.01 0.00 0.00	39.73 0.03 0.00	37.17 0.05 0.00	41.52 0.08 0.00	38.27 0.06 0.00	35.98 0.06 0.00	29.70 0.06 0.00	27.84 0.05 0.00	27.93 0.05 0.00	26.18 0.04 0.00
DOGLEVILLE___HYD 23807	29.21 0.01 0.00	27.87 -0.04 0.00	28.10 0.01 0.00	29.83 0.03 0.00	27.62 0.06 0.00	49.80 0.17 0.00	35.37 0.46 0.00	57.44 0.74 0.00	42.68 -0.38 0.00	33.17 -1.01 0.00	27.64 -0.77 0.00	27.60 -0.91 0.00	26.37 -0.95 0.00	27.24 -1.07 0.00	32.09 -0.92 0.00	39.02 -0.68 0.00	36.72 -0.40 0.00	41.21 -0.23 0.00	37.83 -0.38 0.00	35.64 -0.28 0.00	29.56 -0.08 0.00	27.77 -0.02 0.00	27.81 -0.06 0.00	25.99 -0.14 0.00
DUNKIRK___115KV_TB_200 55889	28.46 -0.75 0.00	27.32 -0.60 0.00	27.60 -0.49 0.00	29.30 -0.50 0.00	27.12 -0.44 0.00	49.21 -0.42 0.00	34.09 -0.81 0.00	55.51 -1.19 0.00	42.98 -0.08 0.00	35.09 0.90 0.00	29.43 1.02 0.00	29.49 0.98 0.00	28.36 1.03 0.00	29.65 1.34 0.00	34.14 1.13 0.00	40.69 0.99 0.00	37.69 0.57 0.00	42.01 0.58 0.00	38.88 0.67 0.00	36.03 0.11 0.00	29.37 -0.27 0.00	27.49 -0.30 0.00	27.50 -0.38 0.00	25.87 -0.27 0.00
DUNKIRK___1 23563	28.46 -0.75 0.00	27.32 -0.60 0.00	27.60 -0.49 0.00	29.30 -0.50 0.00	27.12 -0.44 0.00	49.21 -0.42 0.00	34.09 -0.81 0.00	55.51 -1.19 0.00	42.98 -0.08 0.00	35.09 0.90 0.00	29.43 1.02 0.00	29.49 0.98 0.00	28.36 1.03 0.00	29.65 1.34 0.00	34.14 1.13 0.00	40.69 0.99 0.00	37.69 0.57 0.00	42.01 0.58 0.00	38.88 0.67 0.00	36.03 0.11 0.00	29.37 -0.27 0.00	27.49 -0.30 0.00	27.50 -0.38 0.00	25.87 -0.27 0.00
DUNKIRK___2 23564	28.46 -0.75 0.00	27.32 -0.60 0.00	27.60 -0.49 0.00	29.30 -0.50 0.00	27.12 -0.44 0.00	49.21 -0.42 0.00	34.09 -0.81 0.00	55.51 -1.19 0.00	42.98 -0.08 0.00	35.09 0.90 0.00	29.43 1.02 0.00	29.49 0.98 0.00	28.36 1.03 0.00	29.65 1.34 0.00	34.14 1.13 0.00	40.69 0.99 0.00	37.69 0.57 0.00	42.01 0.58 0.00	38.88 0.67 0.00	36.03 0.11 0.00	29.37 -0.27 0.00	27.49 -0.30 0.00	27.50 -0.38 0.00	25.87 -0.27 0.00
DUNKIRK___3 23565	28.44 -0.77 0.00	27.28 -0.63 0.00	27.55 -0.54 0.00	29.25 -0.55 0.00	27.07 -0.49 0.00	49.09 -0.55 0.00	33.97 -0.93 0.00	55.28 -1.42 0.00	42.78 -0.28 0.00	34.93 0.75 0.00	29.32 0.90 0.00	29.39 0.88 0.00	28.25 0.93 0.00	29.56 1.24 0.00	34.02 1.01 0.00	40.55 0.85 0.00	37.55 0.43 0.00	41.84 0.41 0.00	38.72 0.51 0.00	35.91 -0.01 0.00	29.30 -0.34 0.00	27.43 -0.35 0.00	27.45 -0.43 0.00	25.85 -0.29 0.00
DUNKIRK___4 23566	28.44 -0.77 0.00	27.28 -0.63 0.00	27.55 -0.54 0.00	29.25 -0.55 0.00	27.07 -0.49 0.00	49.09 -0.55 0.00	33.97 -0.93 0.00	55.28 -1.42 0.00	42.78 -0.28 0.00	34.93 0.75 0.00	29.32 0.90 0.00	29.39 0.88 0.00	28.25 0.93 0.00	29.56 1.24 0.00	34.02 1.01 0.00	40.55 0.85 0.00	37.55 0.43 0.00	41.84 0.41 0.00	38.72 0.51 0.00	35.91 -0.01 0.00	29.30 -0.34 0.00	27.43 -0.35 0.00	27.45 -0.43 0.00	25.85 -0.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.48 1.27 0.00	29.09 1.18 0.00	29.16 1.07 0.00	30.96 1.17 0.00	28.68 1.13 0.00	51.42 1.78 0.00	36.30 1.40 0.00	58.98 2.29 0.00	44.93 1.87 0.00	35.86 1.68 0.00	30.01 1.59 0.00	30.15 1.64 0.00	28.88 1.56 0.00	29.80 1.49 0.00	34.83 1.82 0.00	41.86 2.15 0.00	39.14 2.02 0.00	43.78 2.34 0.00	40.34 2.13 0.00	38.04 2.12 0.00	31.37 1.72 0.00	29.48 1.70 0.00	29.55 1.68 0.00	27.82 1.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.31 1.11 0.00	28.94 1.03 0.00	29.05 0.96 0.00	30.85 1.06 0.00	28.58 1.02 0.00	51.32 1.69 0.00	36.24 1.33 0.00	58.90 2.19 0.00	44.80 1.74 0.00	35.67 1.48 0.00	29.77 1.35 0.00	29.88 1.37 0.00	28.60 1.28 0.00	29.56 1.24 0.00	34.55 1.54 0.00	41.58 1.87 0.00	38.90 1.78 0.00	43.53 2.10 0.00	40.13 1.92 0.00	37.82 1.91 0.00	31.20 1.56 0.00	29.31 1.52 0.00	29.36 1.48 0.00	27.61 1.48 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.39 1.18 0.00	29.00 1.08 0.00	29.08 1.00 0.00	30.94 1.15 0.00	28.68 1.12 0.00	51.31 1.68 0.00	36.33 1.43 0.00	59.02 2.33 0.00	45.03 1.97 0.00	35.93 1.75 0.00	30.09 1.67 0.00	30.22 1.71 0.00	28.91 1.59 0.00	29.78 1.46 0.00	34.80 1.79 0.00	41.88 2.18 0.00	39.16 2.04 0.00	43.76 2.32 0.00	40.34 2.13 0.00	38.06 2.14 0.00	31.39 1.74 0.00	29.49 1.71 0.00	29.55 1.67 0.00	27.86 1.72 0.00
E179THST_13_KV_LOAD 356214	30.51 1.31 0.00	29.11 1.20 0.00	29.20 1.11 0.00	31.06 1.26 0.00	28.78 1.22 0.00	51.52 1.89 0.00	36.48 1.58 0.00	59.29 2.59 0.00	45.24 2.18 0.00	36.11 1.93 0.00	30.23 1.82 0.00	30.36 1.85 0.00	29.05 1.73 0.00	29.92 1.60 0.00	34.98 1.96 0.00	42.09 2.39 0.00	39.36 2.24 0.00	43.97 2.54 0.00	40.55 2.34 0.00	38.24 2.32 0.00	31.53 1.89 0.00	29.63 1.85 0.00	29.68 1.81 0.00	27.97 1.83 0.00
EAST HAMPTON___GT 23717	31.12 1.91 0.00	32.23 1.82 -2.49	29.55 1.46 0.00	31.83 2.03 0.00	29.95 2.40 0.00	53.15 3.52 0.00	37.39 2.49 0.00	60.92 4.23 0.00	46.24 3.19 0.00	35.41 1.23 0.00	24.04 0.75 5.12	23.65 0.87 5.73	24.42 1.20 4.10	30.10 1.78 0.00	36.38 2.60 -0.76	42.84 3.14 0.00	39.66 2.54 0.00	45.76 3.29 -1.04	45.70 2.80 -4.68	38.16 2.25 0.00	31.46 1.82 0.00	29.83 2.04 0.00	29.92 1.92 -0.12	27.79 1.65 0.00
EAST RIVER___6 23660	30.53 1.32 0.00	29.12 1.21 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.53 1.89 0.00	36.39 1.49 0.00	59.13 2.43 0.00	45.14 2.08 0.00	36.04 1.86 0.00	30.23 1.81 0.00	30.37 1.86 0.00	29.08 1.76 0.00	29.97 1.65 0.00	35.01 2.00 0.00	42.08 2.38 0.00	39.35 2.23 0.00	43.96 2.54 0.00	40.52 2.30 0.00	38.19 2.28 0.00	31.50 1.85 0.00	29.58 1.79 0.00	29.65 1.78 0.00	27.94 1.80 0.00
EAST RIVER___7 23524	30.53 1.32 0.00	29.12 1.21 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.53 1.89 0.00	36.39 1.49 0.00	59.13 2.43 0.00	45.14 2.08 0.00	36.04 1.86 0.00	30.23 1.81 0.00	30.37 1.86 0.00	29.08 1.76 0.00	29.97 1.65 0.00	35.01 2.00 0.00	42.08 2.38 0.00	39.35 2.23 0.00	43.96 2.54 0.00	40.52 2.30 0.00	38.19 2.28 0.00	31.50 1.85 0.00	29.58 1.79 0.00	29.65 1.78 0.00	27.94 1.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.39 1.18 0.00	29.00 1.09 0.00	29.09 1.00 0.00	30.90 1.11 0.00	28.63 1.07 0.00	51.33 1.70 0.00	36.24 1.34 0.00	58.90 2.20 0.00	44.85 1.79 0.00	35.74 1.56 0.00	29.89 1.48 0.00	30.03 1.52 0.00	28.75 1.43 0.00	29.69 1.38 0.00	34.70 1.69 0.00	41.71 2.01 0.00	39.01 1.89 0.00	43.63 2.20 0.00	40.21 2.00 0.00	37.91 2.00 0.00	31.27 1.63 0.00	29.38 1.60 0.00	29.46 1.58 0.00	27.72 1.59 0.00
EAST_HAMPTON___DIESEL 23722	31.09 1.89 0.00	32.19 1.78 -2.49	29.52 1.42 0.00	31.79 1.99 0.00	29.94 2.38 0.00	53.10 3.47 0.00	37.37 2.47 0.00	60.88 4.18 0.00	46.21 3.15 0.00	35.37 1.18 0.00	23.98 0.68 5.12	23.62 0.83 5.72	24.41 1.18 4.09	30.09 1.77 0.00	36.34 2.57 -0.76	42.81 3.11 0.00	39.61 2.49 0.00	45.68 3.21 -1.04	45.61 2.72 -4.68	38.05 2.13 0.00	31.37 1.73 0.00	29.75 1.96 0.00	29.83 1.84 -0.12	27.71 1.57 0.00
EAST_POINT___SOLAR 323840	31.46 2.25 0.00	30.04 2.12 0.00	30.23 2.14 0.00	32.08 2.28 0.00	29.72 2.17 0.00	53.80 4.16 0.00	37.95 3.05 0.00	61.38 4.68 0.00	44.99 1.93 0.00	34.96 0.78 0.00	29.18 0.76 0.00	29.19 0.68 0.00	27.87 0.55 0.00	28.72 0.40 0.00	33.48 0.46 0.00	41.56 1.86 0.00	39.82 2.69 0.00	44.62 3.19 0.00	41.16 2.95 0.00	38.55 2.64 0.00	31.77 2.13 0.00	29.79 2.00 0.00	29.77 1.90 0.00	27.91 1.77 0.00
EAST_PULASKI___ESR 323781	29.06 -0.14 0.00	27.74 -0.17 0.00	27.88 -0.21 0.00	29.62 -0.18 0.00	27.43 -0.13 0.00	49.60 -0.04 0.00	34.94 0.04 0.00	56.89 0.19 0.00	42.98 -0.08 0.00	34.01 -0.17 0.00	28.21 -0.20 0.00	28.25 -0.27 0.00	26.97 -0.35 0.00	27.94 -0.38 0.00	32.59 -0.42 0.00	39.34 -0.36 0.00	36.92 -0.21 0.00	41.48 0.05 0.00	38.19 -0.02 0.00	35.69 -0.23 0.00	29.44 -0.20 0.00	27.52 -0.26 0.00	27.57 -0.30 0.00	25.84 -0.30 0.00
EAST_RIVER___1 323558	30.55 1.35 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.55 1.92 0.00	36.39 1.49 0.00	59.14 2.44 0.00	45.10 2.04 0.00	36.01 1.82 0.00	30.19 1.78 0.00	30.33 1.82 0.00	29.05 1.72 0.00	29.93 1.61 0.00	34.97 1.96 0.00	42.03 2.33 0.00	39.31 2.18 0.00	43.92 2.49 0.00	40.47 2.26 0.00	38.17 2.25 0.00	31.47 1.83 0.00	29.57 1.79 0.00	29.64 1.77 0.00	27.94 1.80 0.00
EAST_RIVER___2 323559	30.53 1.32 0.00	29.12 1.21 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.76 1.20 0.00	51.53 1.89 0.00	36.39 1.49 0.00	59.13 2.43 0.00	45.14 2.08 0.00	36.04 1.86 0.00	30.23 1.81 0.00	30.37 1.86 0.00	29.08 1.76 0.00	29.97 1.65 0.00	35.01 2.00 0.00	42.08 2.38 0.00	39.35 2.23 0.00	43.96 2.54 0.00	40.52 2.30 0.00	38.19 2.28 0.00	31.50 1.85 0.00	29.58 1.79 0.00	29.65 1.78 0.00	27.94 1.80 0.00
EAST___DELAWARE_HYD 23607	30.66 1.45 0.00	29.27 1.35 0.00	29.39 1.30 0.00	31.22 1.42 0.00	28.91 1.36 0.00	52.01 2.37 0.00	36.74 1.83 0.00	59.73 3.04 0.00	45.40 2.34 0.00	36.08 1.90 0.00	29.98 1.56 0.00	30.05 1.54 0.00	28.75 1.42 0.00	29.74 1.42 0.00	34.71 1.70 0.00	41.90 2.19 0.00	39.32 2.19 0.00	44.03 2.60 0.00	40.63 2.42 0.00	38.26 2.34 0.00	31.54 1.90 0.00	29.60 1.82 0.00	29.64 1.77 0.00	27.86 1.72 0.00
EIGHT_POINT___WT_PWR 323820	28.70 -0.51 0.00	27.49 -0.43 0.00	27.78 -0.31 0.00	29.34 -0.26 0.20	27.30 -0.12 0.14	49.76 0.29 0.17	34.63 -0.20 0.07	55.99 -0.22 0.49	42.32 0.42 1.16	34.95 1.05 0.28	28.88 0.98 0.52	29.42 1.02 0.11	28.11 0.99 0.20	29.03 1.07 0.36	33.66 0.83 0.18	40.43 0.73 0.00	37.31 0.18 0.00	41.76 0.32 0.00	38.53 0.32 0.00	35.79 -0.12 0.00	29.22 -0.42 0.00	27.28 -0.51 0.00	27.23 -0.65 0.00	25.67 -0.47 0.00
ELBRIDGE_115KV_TB2 80188	28.65 -0.56 0.00	27.39 -0.53 0.00	27.55 -0.55 0.00	29.23 -0.56 0.00	27.05 -0.51 0.00	48.89 -0.75 0.00	34.39 -0.51 0.00	55.99 -0.70 0.00	42.53 -0.52 0.00	33.84 -0.34 0.00	28.15 -0.27 0.00	28.24 -0.27 0.00	27.03 -0.29 0.00	28.10 -0.22 0.00	32.75 -0.27 0.00	39.37 -0.33 0.00	36.79 -0.33 0.00	41.09 -0.34 0.00	37.89 -0.32 0.00	35.53 -0.38 0.00	29.26 -0.38 0.00	27.42 -0.36 0.00	27.50 -0.37 0.00	25.81 -0.32 0.00
ELEC_TRO_TEK 24086	30.86 1.65 0.00	32.04 1.63 -2.49	29.44 1.35 0.00	31.37 1.58 0.00	29.15 1.60 0.00	51.90 2.27 0.00	36.64 1.73 0.00	59.64 2.94 0.00	45.31 2.25 0.00	35.87 1.69 0.00	29.98 1.56 0.00	29.99 1.48 0.00	28.73 1.41 0.00	29.98 1.66 0.00	36.48 2.30 -1.16	42.20 2.49 0.00	39.47 2.34 0.00	45.67 2.76 -1.49	47.54 2.62 -6.71	38.40 2.49 0.00	31.66 2.01 0.00	29.89 2.11 0.00	30.02 1.99 -0.16	28.01 1.87 0.00

ELLENBURG_WT_PWR 323604	30.28 1.08 0.00	28.93 1.02 0.00	29.10 1.01 0.00	30.88 1.08 0.00	28.50 0.95 0.00	51.28 1.65 0.00	35.94 1.04 0.00	58.23 1.54 0.00	44.57 1.52 0.00	35.25 1.07 0.00	29.19 0.77 0.00	29.20 0.69 0.00	27.90 0.58 0.00	28.89 0.57 0.00	33.42 0.41 0.00	40.02 0.31 0.00	36.93 -0.19 0.00	-5.47 -1.05 45.85	-21.04 -0.86 58.39	35.31 -0.61 0.00	29.31 -0.34 0.00	27.67 -0.11 0.00	27.79 -0.08 0.00	25.54 -0.60 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.12 -1.08 0.00	26.95 -0.96 0.00	27.18 -0.91 0.00	28.83 -0.96 0.00	26.67 -0.89 0.00	48.28 -1.35 0.00	33.35 -1.55 0.00	54.18 -2.52 0.00	41.92 -1.14 0.00	34.24 0.06 0.00	28.77 0.35 0.00	28.84 0.33 0.00	27.73 0.41 0.00	29.02 0.70 0.00	33.38 0.37 0.00	39.80 0.10 0.00	36.88 -0.24 0.00	41.06 -0.37 0.00	38.03 -0.18 0.00	35.27 -0.65 0.00	28.82 -0.82 0.00	27.03 -0.76 0.00	27.05 -0.82 0.00	25.52 -0.62 0.00
EMPIRE_CC_1 323656	29.77 0.57 0.00	28.47 0.56 0.00	28.65 0.56 0.00	30.40 0.61 0.00	28.12 0.56 0.00	50.50 0.86 0.00	35.56 0.66 0.00	57.77 1.07 0.00	43.66 0.60 0.00	34.36 0.18 0.00	28.57 0.15 0.00	28.64 0.13 0.00	27.51 0.19 0.00	28.48 0.16 0.00	33.41 0.40 0.00	40.12 0.41 0.00	37.64 0.52 0.00	42.00 0.57 0.00	38.60 0.39 0.00	36.46 0.54 0.00	30.24 0.59 0.00	28.35 0.57 0.00	28.46 0.58 0.00	26.66 0.52 0.00
EMPIRE_CC_2 323658	29.77 0.57 0.00	28.47 0.56 0.00	28.65 0.56 0.00	30.40 0.61 0.00	28.12 0.56 0.00	50.50 0.86 0.00	35.56 0.66 0.00	57.77 1.07 0.00	43.66 0.60 0.00	34.36 0.18 0.00	28.57 0.15 0.00	28.64 0.13 0.00	27.51 0.19 0.00	28.48 0.16 0.00	33.41 0.40 0.00	40.12 0.41 0.00	37.64 0.52 0.00	42.00 0.57 0.00	38.60 0.39 0.00	36.46 0.54 0.00	30.24 0.59 0.00	28.35 0.57 0.00	28.46 0.58 0.00	26.66 0.52 0.00
ENORWICH_115KV_TB1 80156	31.22 2.02 0.00	29.82 1.90 0.00	30.08 1.99 0.00	31.92 2.12 0.00	29.56 2.00 0.00	53.81 4.18 0.00	38.04 3.14 0.00	61.95 5.25 0.00	46.81 3.75 0.00	37.10 2.92 0.00	30.72 2.30 0.00	30.47 1.96 0.00	28.89 1.57 0.00	29.85 1.53 0.00	34.74 1.73 0.00	41.97 2.27 0.00	39.31 2.18 0.00	44.18 2.75 0.00	40.67 2.45 0.00	38.06 2.14 0.00	31.29 1.65 0.00	29.18 1.40 0.00	29.26 1.38 0.00	27.41 1.28 0.00
ERIE_ST_34_KV_TB1-2 80199	28.91 -0.29 0.00	27.69 -0.23 0.00	27.93 -0.16 0.00	29.65 -0.14 0.00	27.43 -0.13 0.00	49.66 0.03 0.00	34.27 -0.63 0.00	55.74 -0.96 0.00	43.12 0.06 0.00	35.22 1.04 0.00	29.59 1.17 0.00	29.70 1.19 0.00	28.56 1.24 0.00	29.88 1.57 0.00	34.38 1.37 0.00	41.04 1.34 0.00	37.98 0.85 0.00	42.27 0.84 0.00	39.15 0.94 0.00	36.33 0.41 0.00	29.72 0.07 0.00	27.89 0.10 0.00	27.89 0.02 0.00	26.27 0.14 0.00
ERIE_WT_PWR 323693	28.41 -0.79 0.00	27.22 -0.70 0.00	27.45 -0.64 0.00	27.47 -0.67 1.65	25.80 -0.62 1.14	47.43 -0.83 1.38	33.14 -1.18 0.58	50.70 -1.90 4.09	32.70 -0.66 9.70	32.28 0.42 2.32	24.70 0.63 4.34	28.23 0.63 0.92	26.34 0.70 1.69	26.30 1.00 3.02	31.66 0.69 2.05	38.36 0.52 1.87	32.46 0.15 4.82	38.57 0.08 2.95	36.49 0.22 1.93	35.64 -0.27 0.00	28.57 -0.50 0.57	23.97 -0.48 3.33	27.32 -0.55 0.00	25.75 -0.39 0.00
ESPRGFLD_115KV_TB1 80157	30.82 1.62 0.00	29.46 1.54 0.00	29.66 1.57 0.00	31.49 1.69 0.00	29.13 1.58 0.00	52.70 3.07 0.00	37.07 2.17 0.00	60.19 3.49 0.00	45.54 2.48 0.00	36.28 2.10 0.00	30.20 1.78 0.00	30.29 1.78 0.00	28.88 1.55 0.00	29.87 1.55 0.00	34.63 1.62 0.00	41.80 2.10 0.00	39.10 1.97 0.00	43.69 2.26 0.00	40.34 2.12 0.00	37.75 1.84 0.00	31.06 1.42 0.00	29.13 1.34 0.00	29.11 1.24 0.00	27.37 1.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.52 0.32 0.00	28.18 0.26 0.00	28.38 0.30 0.00	30.13 0.33 0.00	27.88 0.32 0.00	50.44 0.81 0.00	35.54 0.64 0.00	57.86 1.17 0.00	43.95 0.89 0.00	34.89 0.71 0.00	28.91 0.50 0.00	28.95 0.44 0.00	27.72 0.40 0.00	28.77 0.46 0.00	33.60 0.59 0.00	40.50 0.80 0.00	37.89 0.76 0.00	42.40 0.97 0.00	39.11 0.90 0.00	36.64 0.72 0.00	30.15 0.51 0.00	28.21 0.42 0.00	28.26 0.39 0.00	26.50 0.36 0.00
ETNA____115KV_TB2 80207	29.52 0.32 0.00	28.18 0.26 0.00	28.38 0.30 0.00	30.13 0.33 0.00	27.88 0.32 0.00	50.44 0.81 0.00	35.54 0.64 0.00	57.86 1.17 0.00	43.95 0.89 0.00	34.89 0.71 0.00	28.91 0.50 0.00	28.95 0.44 0.00	27.72 0.40 0.00	28.77 0.46 0.00	33.60 0.59 0.00	40.50 0.80 0.00	37.89 0.76 0.00	42.40 0.97 0.00	39.11 0.90 0.00	36.64 0.72 0.00	30.15 0.51 0.00	28.21 0.42 0.00	28.26 0.39 0.00	26.50 0.36 0.00
EUCLID____115KV_TB2 356179	28.47 -0.74 0.00	27.19 -0.72 0.00	27.37 -0.72 0.00	29.05 -0.74 0.00	26.87 -0.68 0.00	48.49 -1.14 0.00	34.11 -0.79 0.00	55.46 -1.24 0.00	42.17 -0.89 0.00	33.54 -0.64 0.00	27.90 -0.52 0.00	27.98 -0.53 0.00	26.82 -0.50 0.00	27.83 -0.49 0.00	32.43 -0.58 0.00	39.02 -0.68 0.00	36.49 -0.63 0.00	40.81 -0.63 0.00	37.63 -0.58 0.00	35.29 -0.62 0.00	29.08 -0.57 0.00	27.23 -0.56 0.00	27.30 -0.57 0.00	25.62 -0.52 0.00
E_CANADA_CAP_HY 24051	31.18 1.98 0.00	29.81 1.89 0.00	30.00 1.91 0.00	31.85 2.05 0.00	29.48 1.93 0.00	53.31 3.67 0.00	37.47 2.56 0.00	60.76 4.07 0.00	45.59 2.53 0.00	36.00 1.82 0.00	29.96 1.54 0.00	30.00 1.49 0.00	28.62 1.30 0.00	29.61 1.29 0.00	34.37 1.36 0.00	41.71 2.00 0.00	39.29 2.17 0.00	43.89 2.46 0.00	40.51 2.30 0.00	37.92 2.00 0.00	31.23 1.58 0.00	29.37 1.59 0.00	29.35 1.47 0.00	27.56 1.43 0.00
E_CANADA_MHWK_HY 24050	29.21 0.01 0.00	27.87 -0.04 0.00	28.10 0.01 0.00	29.83 0.03 0.00	27.62 0.06 0.00	49.80 0.17 0.00	35.37 0.46 0.00	57.44 0.74 0.00	42.68 -0.38 0.00	33.17 -1.01 0.00	27.64 -0.77 0.00	27.60 -0.91 0.00	26.37 -0.95 0.00	27.24 -1.07 0.00	32.09 -0.92 0.00	39.02 -0.68 0.00	36.72 -0.40 0.00	41.21 -0.23 0.00	37.83 -0.38 0.00	35.64 -0.28 0.00	29.56 -0.08 0.00	27.77 -0.02 0.00	27.81 -0.06 0.00	25.99 -0.14 0.00
E_FISHKILL____LBMP 23776	30.22 1.01 0.00	28.86 0.94 0.00	28.95 0.86 0.00	30.75 0.95 0.00	28.48 0.92 0.00	51.07 1.44 0.00	36.05 1.15 0.00	58.56 1.86 0.00	44.57 1.51 0.00	35.49 1.31 0.00	29.68 1.27 0.00	29.81 1.30 0.00	28.56 1.23 0.00	29.49 1.17 0.00	34.47 1.46 0.00	41.43 1.73 0.00	38.77 1.64 0.00	43.35 1.91 0.00	39.95 1.74 0.00	37.66 1.74 0.00	31.08 1.43 0.00	29.19 1.41 0.00	29.26 1.39 0.00	27.54 1.40 0.00
FALCON____SEABRD_CC1 323796	30.49 1.28 0.00	29.13 1.22 0.00	29.30 1.21 0.00	31.09 1.29 0.00	28.72 1.16 0.00	51.60 1.96 0.00	36.13 1.23 0.00	58.33 1.63 0.00	44.90 1.84 0.00	35.48 1.29 0.00	29.35 0.93 0.00	29.33 0.82 0.00	28.05 0.72 0.00	29.06 0.74 0.00	33.66 0.65 0.00	40.31 0.60 0.00	37.21 0.09 0.00	-5.81 -0.97 46.27	-21.36 -0.64 58.93	35.58 -0.34 0.00	29.51 -0.14 0.00	27.86 0.07 0.00	28.01 0.13 0.00	25.67 -0.47 0.00

FALCON___SEABRD_CC2 323797	30.49 1.28 0.00	29.13 1.22 0.00	29.30 1.21 0.00	31.09 1.29 0.00	28.72 1.16 0.00	51.60 1.96 0.00	36.13 1.23 0.00	58.33 1.63 0.00	44.90 1.84 0.00	35.48 1.29 0.00	29.35 0.93 0.00	29.33 0.82 0.00	28.05 0.72 0.00	29.06 0.74 0.00	33.66 0.65 0.00	40.31 0.60 0.00	37.21 0.09 0.00	-5.81 -0.97 46.27	-21.36 -0.64 58.93	35.58 -0.34 0.00	29.51 -0.14 0.00	27.86 0.07 0.00	28.01 0.13 0.00	25.67 -0.47 0.00
FAR ROCKAWAY___4 23548	31.18 1.98 0.00	32.34 1.93 -2.49	29.74 1.65 0.00	31.69 1.90 0.00	29.45 1.89 0.00	52.46 2.82 0.00	37.03 2.13 0.00	60.30 3.60 0.00	45.79 2.73 0.00	36.10 1.93 0.00	30.16 1.74 0.00	29.94 1.44 0.00	28.81 1.49 0.00	30.11 1.79 0.00	36.81 2.71 -1.08	42.71 3.01 0.00	39.97 2.85 0.00	46.15 3.31 -1.41	47.71 3.14 -6.36	38.87 2.96 0.00	32.04 2.40 0.00	30.24 2.46 0.00	30.35 2.33 -0.15	28.30 2.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.58 1.37 0.00	29.18 1.27 0.00	29.25 1.16 0.00	31.08 1.29 0.00	28.80 1.24 0.00	51.61 1.97 0.00	36.43 1.52 0.00	59.19 2.49 0.00	45.15 2.09 0.00	36.04 1.85 0.00	30.21 1.79 0.00	30.34 1.84 0.00	29.06 1.73 0.00	29.94 1.63 0.00	34.99 1.98 0.00	42.05 2.35 0.00	39.32 2.20 0.00	43.95 2.52 0.00	40.50 2.28 0.00	38.20 2.29 0.00	31.50 1.86 0.00	29.60 1.81 0.00	29.67 1.80 0.00	27.96 1.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.55 1.34 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.54 1.91 0.00	36.39 1.49 0.00	59.11 2.42 0.00	45.08 2.02 0.00	35.98 1.79 0.00	30.18 1.76 0.00	30.35 1.85 0.00	29.07 1.74 0.00	29.95 1.64 0.00	35.00 1.98 0.00	42.08 2.37 0.00	39.34 2.22 0.00	43.97 2.54 0.00	40.52 2.30 0.00	38.22 2.31 0.00	31.52 1.87 0.00	29.60 1.82 0.00	29.69 1.82 0.00	27.97 1.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.57 1.36 0.00	29.17 1.25 0.00	29.24 1.15 0.00	31.07 1.27 0.00	28.79 1.23 0.00	51.59 1.95 0.00	36.41 1.51 0.00	59.16 2.46 0.00	45.12 2.06 0.00	36.01 1.83 0.00	30.20 1.78 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.93 1.61 0.00	34.97 1.95 0.00	42.04 2.33 0.00	39.31 2.19 0.00	43.93 2.50 0.00	40.48 2.26 0.00	38.18 2.26 0.00	31.48 1.84 0.00	29.58 1.79 0.00	29.66 1.78 0.00	27.94 1.81 0.00
FARRAGUT___LBMP 323566	30.55 1.34 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.54 1.91 0.00	36.39 1.49 0.00	59.11 2.42 0.00	45.08 2.02 0.00	35.98 1.79 0.00	30.17 1.75 0.00	30.30 1.79 0.00	29.02 1.70 0.00	29.90 1.58 0.00	34.93 1.92 0.00	42.00 2.29 0.00	39.27 2.15 0.00	43.89 2.46 0.00	40.44 2.23 0.00	38.15 2.23 0.00	31.46 1.82 0.00	29.55 1.77 0.00	29.64 1.76 0.00	27.93 1.79 0.00
FENNER___WINDPWR 24204	29.69 0.49 0.00	28.37 0.46 0.00	28.59 0.50 0.00	30.36 0.57 0.00	28.11 0.56 0.00	50.81 1.18 0.00	35.85 0.95 0.00	58.30 1.60 0.00	44.11 1.06 0.00	34.83 0.65 0.00	28.86 0.45 0.00	28.93 0.42 0.00	27.67 0.35 0.00	28.67 0.35 0.00	33.43 0.42 0.00	40.36 0.65 0.00	37.92 0.79 0.00	42.47 1.04 0.00	39.16 0.95 0.00	36.71 0.79 0.00	30.23 0.58 0.00	28.28 0.50 0.00	28.34 0.46 0.00	26.54 0.41 0.00
FIBERTEK___ENERGY 23856	28.79 -0.42 0.00	27.51 -0.41 0.00	27.68 -0.41 0.00	29.38 -0.42 0.00	27.18 -0.37 0.00	49.12 -0.52 0.00	34.58 -0.33 0.00	56.25 -0.45 0.00	42.72 -0.34 0.00	33.95 -0.23 0.00	28.24 -0.18 0.00	28.33 -0.18 0.00	27.14 -0.18 0.00	28.18 -0.13 0.00	32.85 -0.17 0.00	39.52 -0.18 0.00	36.97 -0.16 0.00	41.32 -0.11 0.00	38.11 -0.10 0.00	35.73 -0.18 0.00	29.44 -0.21 0.00	27.56 -0.23 0.00	27.63 -0.24 0.00	25.93 -0.21 0.00
FITZPATRICK____ 23598	28.07 -1.13 0.00	26.83 -1.09 0.00	27.00 -1.09 0.00	28.65 -1.15 0.00	26.50 -1.05 0.00	47.80 -1.84 0.00	33.62 -1.28 0.00	54.63 -2.06 0.00	41.50 -1.56 0.00	33.02 -1.17 0.00	27.46 -0.96 0.00	27.55 -0.96 0.00	26.40 -0.93 0.00	27.39 -0.93 0.00	31.92 -1.10 0.00	38.38 -1.32 0.00	35.90 -1.23 0.00	40.10 -1.34 0.00	36.98 -1.23 0.00	34.69 -1.22 0.00	28.60 -1.04 0.00	26.79 -0.99 0.00	26.87 -1.00 0.00	25.23 -0.91 0.00
FLOWRFLD_69_KV_BK1 356044	31.08 1.87 0.00	32.36 1.95 -2.49	29.61 1.52 0.00	31.68 1.88 0.00	29.49 1.94 0.00	52.33 2.70 0.00	36.84 1.94 0.00	60.10 3.40 0.00	45.61 2.55 0.00	35.71 1.53 0.00	30.25 1.41 -0.42	30.20 1.22 -0.47	28.83 1.17 -0.34	29.95 1.63 0.00	36.29 2.51 -0.77	42.40 2.69 0.00	39.59 2.47 0.00	45.62 3.15 -1.04	45.97 3.07 -4.69	38.81 2.89 0.00	31.96 2.31 0.00	30.24 2.46 0.00	30.40 2.41 -0.12	28.33 2.19 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.58 1.37 0.00	29.18 1.27 0.00	29.29 1.20 0.00	31.11 1.31 0.00	28.82 1.26 0.00	51.76 2.12 0.00	36.56 1.66 0.00	59.42 2.72 0.00	45.21 2.15 0.00	35.97 1.78 0.00	30.09 1.68 0.00	30.20 1.69 0.00	28.92 1.60 0.00	29.90 1.58 0.00	34.97 1.96 0.00	42.02 2.31 0.00	39.26 2.14 0.00	43.93 2.50 0.00	40.50 2.29 0.00	38.15 2.24 0.00	31.47 1.83 0.00	29.55 1.76 0.00	29.60 1.72 0.00	27.82 1.68 0.00
FORT ORANGE____ 23900	29.60 0.39 0.00	28.28 0.37 0.00	28.48 0.38 0.00	30.20 0.41 0.00	27.94 0.38 0.00	50.24 0.61 0.00	35.45 0.55 0.00	57.63 0.93 0.00	43.51 0.45 0.00	34.25 0.07 0.00	28.45 0.04 0.00	28.50 -0.01 0.00	27.38 0.05 0.00	28.33 0.01 0.00	33.22 0.21 0.00	40.05 0.35 0.00	37.65 0.53 0.00	42.08 0.65 0.00	38.71 0.50 0.00	36.49 0.58 0.00	30.18 0.54 0.00	28.29 0.50 0.00	28.36 0.49 0.00	26.56 0.42 0.00
FORT_DRUM_COGEN 23780	30.69 1.48 0.00	29.27 1.36 0.00	29.33 1.23 0.00	31.23 1.43 0.00	28.97 1.41 0.00	52.60 2.97 0.00	37.23 2.33 0.00	60.66 3.97 0.00	45.23 2.17 0.00	35.41 1.22 0.00	29.33 0.91 0.00	29.29 0.78 0.00	27.70 0.38 0.00	28.59 0.27 0.00	33.30 0.29 0.00	40.53 0.82 0.00	38.41 1.29 0.00	45.56 1.98 -2.15	42.63 1.68 -2.73	37.00 1.09 0.00	30.47 0.82 0.00	28.30 0.52 0.00	28.34 0.47 0.00	26.46 0.33 0.00
FOX_HILLS___ESR 323835	30.47 1.26 0.00	29.08 1.17 0.00	29.25 1.16 0.00	31.28 1.48 0.00	28.99 1.43 0.00	51.84 2.20 0.00	36.71 1.80 -0.01	59.52 2.82 0.00	45.40 2.34 0.00	36.28 2.10 -0.01	30.36 1.94 0.00	30.43 1.92 0.00	29.11 1.79 0.00	30.00 1.68 0.00	35.02 2.01 0.00	42.14 2.44 0.00	39.43 2.31 0.00	43.94 2.51 0.00	40.62 2.41 0.00	38.37 2.45 -0.01	31.64 1.99 -0.01	29.73 1.94 -0.01	29.77 1.90 0.00	28.05 1.91 0.00
FPL FAR_ROCK_GT1 24212	31.18 1.97 0.00	32.34 1.93 -2.49	29.74 1.65 0.00	31.69 1.90 0.00	29.44 1.89 0.00	52.46 2.83 0.00	37.03 2.13 0.00	60.30 3.60 0.00	45.78 2.72 0.00	36.10 1.92 0.00	30.17 1.75 0.00	29.95 1.44 0.00	28.81 1.48 0.00	30.11 1.79 0.00	36.81 2.71 -1.08	42.72 3.01 0.00	39.97 2.85 0.00	46.14 3.30 -1.41	47.70 3.13 -6.36	38.86 2.95 0.00	32.04 2.39 0.00	30.24 2.46 0.00	30.36 2.33 -0.15	28.30 2.17 0.00



FPL FAR_ROCK_GT2 23815	31.18 1.97 0.00	32.34 1.93 -2.49	29.74 1.65 0.00	31.69 1.90 0.00	29.44 1.89 0.00	52.46 2.83 0.00	37.03 2.13 0.00	60.30 3.60 0.00	45.78 2.72 0.00	36.10 1.92 0.00	30.17 1.75 0.00	29.95 1.44 0.00	28.81 1.48 0.00	30.11 1.79 0.00	36.81 2.71 -1.08	42.72 3.01 0.00	39.97 2.85 0.00	46.14 3.30 -1.41	47.70 3.13 -6.36	38.86 2.95 0.00	32.04 2.39 0.00	30.24 2.46 0.00	30.36 2.33 -0.15	28.30 2.17 0.00
FRANKLIN_FALL_HYD 24054	31.15 1.94 0.00	29.73 1.82 0.00	29.88 1.79 0.00	31.71 1.91 0.00	29.30 1.75 0.00	52.93 3.29 0.00	37.21 2.31 0.00	60.49 3.79 0.00	45.95 2.89 0.00	36.06 1.88 0.00	29.91 1.49 0.00	29.89 1.38 0.00	28.41 1.08 0.00	29.34 1.02 0.00	33.82 0.81 0.00	40.55 0.85 0.00	37.62 0.50 0.00	73.94 0.02 -32.49	79.73 0.14 -41.37	36.13 0.21 0.00	29.92 0.27 0.00	28.16 0.37 0.00	28.25 0.38 0.00	26.04 -0.10 0.00
FREEPORT_EQUS_GT1 23764	31.01 1.80 0.00	32.19 1.78 -2.49	29.57 1.48 0.00	31.52 1.73 0.00	29.29 1.73 0.00	52.14 2.51 0.00	36.79 1.89 0.00	59.95 3.25 0.00	45.52 2.46 0.00	35.98 1.80 0.00	30.04 1.62 0.00	30.03 1.52 0.00	28.77 1.45 0.00	30.06 1.74 0.00	36.42 2.46 -0.94	42.34 2.64 0.00	39.63 2.50 0.00	45.64 3.00 -1.21	46.54 2.86 -5.47	38.62 2.70 0.00	31.82 2.18 0.00	30.09 2.30 0.00	30.20 2.19 -0.14	28.18 2.04 0.00
FREEPORT___CT2 23818	31.01 1.80 0.00	32.19 1.78 -2.49	29.57 1.48 0.00	31.52 1.73 0.00	29.29 1.73 0.00	52.14 2.51 0.00	36.79 1.89 0.00	59.95 3.25 0.00	45.52 2.46 0.00	35.98 1.80 0.00	30.04 1.62 0.00	30.03 1.52 0.00	28.77 1.45 0.00	30.06 1.74 0.00	36.42 2.46 -0.94	42.34 2.64 0.00	39.63 2.50 0.00	45.64 3.00 -1.21	46.54 2.86 -5.47	38.62 2.70 0.00	31.82 2.18 0.00	30.09 2.30 0.00	30.20 2.19 -0.14	28.18 2.04 0.00
FRESHKLS_33_KV_LOAD 356253	30.43 1.23 0.00	29.04 1.13 0.00	29.26 1.17 0.00	31.38 1.58 0.00	29.08 1.53 0.00	51.97 2.33 0.00	36.84 1.93 -0.01	59.64 2.94 0.00	45.49 2.42 0.00	36.35 2.16 -0.01	30.37 1.96 0.00	30.40 1.89 0.00	29.07 1.75 0.00	29.95 1.63 0.00	34.98 1.97 0.00	42.11 2.41 0.00	39.43 2.30 0.00	43.91 2.48 0.00	40.63 2.42 0.00	38.38 2.46 -0.01	31.65 2.00 -0.01	29.75 1.96 -0.01	29.78 1.91 0.00	28.05 1.92 0.00
FULTON COGEN____ 23766	28.35 -0.86 0.00	27.06 -0.85 0.00	27.24 -0.85 0.00	28.88 -0.92 0.00	26.75 -0.81 0.00	48.27 -1.36 0.00	33.98 -0.92 0.00	55.29 -1.41 0.00	42.00 -1.07 0.00	33.38 -0.80 0.00	27.75 -0.67 0.00	27.76 -0.75 0.00	26.62 -0.71 0.00	27.61 -0.71 0.00	32.18 -0.83 0.00	38.76 -0.95 0.00	36.29 -0.83 0.00	40.62 -0.81 0.00	37.45 -0.76 0.00	35.13 -0.78 0.00	28.95 -0.70 0.00	27.09 -0.69 0.00	27.16 -0.71 0.00	25.50 -0.64 0.00
FULTON___LFGE 323630	31.07 1.86 0.00	29.68 1.77 0.00	29.86 1.77 0.00	31.69 1.90 0.00	29.34 1.79 0.00	53.02 3.39 0.00	37.40 2.50 0.00	60.64 3.94 0.00	45.02 1.96 0.00	35.15 0.97 0.00	29.43 1.01 0.00	29.29 0.78 0.00	27.94 0.62 0.00	28.88 0.56 0.00	33.71 0.69 0.00	41.37 1.67 0.00	39.38 2.26 0.00	44.10 2.66 0.00	40.67 2.45 0.00	38.14 2.23 0.00	31.42 1.78 0.00	29.47 1.69 0.00	29.47 1.60 0.00	27.63 1.49 0.00
G.F.CEMENT___DRP 24184	30.59 1.39 0.00	29.26 1.35 0.00	29.44 1.35 0.00	31.25 1.45 0.00	28.92 1.37 0.00	52.04 2.41 0.00	36.81 1.90 0.00	59.71 3.01 0.00	44.96 1.89 0.00	35.15 0.97 0.00	29.18 0.77 0.00	29.13 0.62 0.00	27.98 0.66 0.00	29.00 0.68 0.00	34.25 1.23 0.00	41.37 1.66 0.00	39.04 1.91 0.00	43.64 2.21 0.00	40.08 1.87 0.00	37.86 1.94 0.00	31.24 1.59 0.00	29.23 1.45 0.00	29.44 1.57 0.00	27.38 1.25 0.00
GARDENVILLE___LBMP 24039	28.27 -0.94 0.00	27.09 -0.82 0.00	27.33 -0.76 0.00	28.99 -0.80 0.00	26.82 -0.74 0.00	48.57 -1.07 0.00	33.56 -1.34 0.00	54.53 -2.17 0.00	42.20 -0.86 0.00	34.45 0.27 0.00	28.93 0.52 0.00	29.02 0.51 0.00	27.89 0.57 0.00	29.19 0.87 0.00	33.58 0.57 0.00	40.05 0.34 0.00	37.09 -0.04 0.00	41.31 -0.12 0.00	38.25 0.04 0.00	35.48 -0.44 0.00	28.99 -0.66 0.00	27.18 -0.61 0.00	27.21 -0.67 0.00	25.65 -0.48 0.00
GARDNVLA_35_KV_LD 355827	28.42 -0.79 0.00	27.24 -0.68 0.00	27.47 -0.62 0.00	29.14 -0.65 0.00	26.95 -0.60 0.00	48.84 -0.80 0.00	33.74 -1.16 0.00	54.83 -1.87 0.00	42.42 -0.64 0.00	34.65 0.47 0.00	29.12 0.70 0.00	29.19 0.68 0.00	28.06 0.74 0.00	29.36 1.05 0.00	33.79 0.77 0.00	40.28 0.58 0.00	37.32 0.20 0.00	41.57 0.14 0.00	38.50 0.29 0.00	35.69 -0.23 0.00	29.17 -0.48 0.00	27.33 -0.45 0.00	27.35 -0.53 0.00	25.77 -0.36 0.00
GELCKHM___115KV_LOAD 80723	28.59 -0.61 0.00	27.32 -0.60 0.00	27.49 -0.60 0.00	29.19 -0.61 0.00	26.99 -0.57 0.00	48.73 -0.90 0.00	34.29 -0.61 0.00	55.77 -0.93 0.00	42.40 -0.66 0.00	33.71 -0.47 0.00	28.04 -0.38 0.00	28.12 -0.39 0.00	26.95 -0.37 0.00	27.97 -0.35 0.00	32.60 -0.42 0.00	39.22 -0.48 0.00	36.68 -0.44 0.00	41.00 -0.43 0.00	37.81 -0.40 0.00	35.46 -0.46 0.00	29.21 -0.44 0.00	27.35 -0.43 0.00	27.42 -0.45 0.00	25.73 -0.40 0.00
GENERAL___MILLS 23808	28.38 -0.82 0.00	27.19 -0.72 0.00	27.43 -0.66 0.00	29.10 -0.69 0.00	26.92 -0.64 0.00	48.76 -0.87 0.00	33.69 -1.22 0.00	54.75 -1.95 0.00	42.35 -0.71 0.00	34.59 0.40 0.00	29.06 0.64 0.00	29.13 0.63 0.00	28.01 0.69 0.00	29.31 0.99 0.00	33.72 0.71 0.00	40.21 0.51 0.00	37.25 0.12 0.00	41.49 0.05 0.00	38.41 0.20 0.00	35.62 -0.30 0.00	29.11 -0.54 0.00	27.29 -0.50 0.00	27.30 -0.57 0.00	25.74 -0.39 0.00
GE_PLASTICS___DRP 24183	29.52 0.32 0.00	28.23 0.31 0.00	28.41 0.32 0.00	30.14 0.35 0.00	27.87 0.31 0.00	50.10 0.47 0.00	35.32 0.42 0.00	57.37 0.67 0.00	43.42 0.36 0.00	34.30 0.12 0.00	28.52 0.10 0.00	28.62 0.10 0.00	27.48 0.15 0.00	28.43 0.11 0.00	33.27 0.26 0.00	40.05 0.34 0.00	37.56 0.44 0.00	41.93 0.50 0.00	38.61 0.39 0.00	36.38 0.46 0.00	30.08 0.44 0.00	28.21 0.43 0.00	28.30 0.43 0.00	26.53 0.39 0.00
GILBOA___1 23756	29.63 0.43 0.00	28.32 0.40 0.00	28.58 0.49 0.00	30.32 0.52 0.00	27.97 0.41 0.00	50.27 0.63 0.00	35.42 0.52 0.00	57.45 0.75 0.00	43.62 0.56 0.00	34.65 0.47 0.00	28.87 0.45 0.00	29.07 0.56 0.00	27.86 0.54 0.00	28.82 0.51 0.00	33.57 0.56 0.00	40.38 0.67 0.00	37.70 0.58 0.00	42.08 0.65 0.00	38.83 0.62 0.00	36.56 0.65 0.00	30.23 0.59 0.00	28.38 0.60 0.00	28.46 0.59 0.00	26.72 0.58 0.00
GILBOA___2 23757	29.63 0.43 0.00	28.32 0.40 0.00	28.58 0.49 0.00	30.32 0.52 0.00	27.97 0.41 0.00	50.27 0.63 0.00	35.42 0.52 0.00	57.45 0.75 0.00	43.62 0.56 0.00	34.65 0.47 0.00	28.87 0.45 0.00	29.07 0.56 0.00	27.86 0.54 0.00	28.82 0.51 0.00	33.57 0.56 0.00	40.38 0.67 0.00	37.70 0.58 0.00	42.08 0.65 0.00	38.83 0.62 0.00	36.56 0.65 0.00	30.23 0.59 0.00	28.38 0.60 0.00	28.46 0.59 0.00	26.72 0.58 0.00

GILBOA___3 23758	29.63 0.43 0.00	28.32 0.40 0.00	28.58 0.49 0.00	30.32 0.52 0.00	27.97 0.41 0.00	50.27 0.63 0.00	35.42 0.52 0.00	57.45 0.75 0.00	43.62 0.56 0.00	34.65 0.47 0.00	28.87 0.45 0.00	29.07 0.56 0.00	27.86 0.54 0.00	28.82 0.51 0.00	33.57 0.56 0.00	40.38 0.67 0.00	37.70 0.58 0.00	42.08 0.65 0.00	38.83 0.62 0.00	36.56 0.65 0.00	30.23 0.59 0.00	28.38 0.60 0.00	28.46 0.59 0.00	26.72 0.58 0.00
GILBOA___4 23759	29.63 0.43 0.00	28.32 0.40 0.00	28.58 0.49 0.00	30.32 0.52 0.00	27.97 0.41 0.00	50.27 0.63 0.00	35.42 0.52 0.00	57.45 0.75 0.00	43.62 0.56 0.00	34.65 0.47 0.00	28.87 0.45 0.00	29.07 0.56 0.00	27.86 0.54 0.00	28.82 0.51 0.00	33.57 0.56 0.00	40.38 0.67 0.00	37.70 0.58 0.00	42.08 0.65 0.00	38.83 0.62 0.00	36.56 0.65 0.00	30.23 0.59 0.00	28.38 0.60 0.00	28.46 0.59 0.00	26.72 0.58 0.00
GILBOA___ 23599	29.64 0.43 0.00	28.32 0.40 0.00	28.58 0.49 0.00	30.32 0.52 0.00	27.97 0.41 0.00	50.27 0.63 0.00	35.42 0.52 0.00	57.45 0.76 0.00	43.62 0.56 0.00	34.66 0.48 0.00	28.87 0.45 0.00	29.07 0.56 0.00	27.86 0.54 0.00	28.82 0.51 0.00	33.57 0.56 0.00	40.38 0.67 0.00	37.70 0.58 0.00	42.08 0.65 0.00	38.83 0.62 0.00	36.57 0.65 0.00	30.23 0.58 0.00	28.38 0.60 0.00	28.46 0.59 0.00	26.72 0.58 0.00
GINNA___ 23603	27.09 -2.12 0.00	25.90 -2.02 0.00	26.07 -2.02 0.00	27.00 -2.15 0.65	25.14 -1.97 0.45	45.75 -3.35 0.54	32.17 -2.50 0.23	51.08 -4.01 1.60	36.55 -2.71 3.79	31.58 -1.70 0.91	25.43 -1.30 1.70	26.81 -1.34 0.36	25.42 -1.24 0.66	26.03 -1.11 1.18	30.74 -1.48 0.79	37.12 -1.89 0.69	33.46 -1.88 1.79	38.25 -2.09 1.09	35.61 -1.89 0.72	33.90 -2.01 0.00	27.60 -1.83 0.21	24.77 -1.78 1.24	26.03 -1.84 0.00	24.45 -1.69 0.00
GLEN PARK___ 23778	30.77 1.56 0.00	29.34 1.42 0.00	29.40 1.31 0.00	31.30 1.51 0.00	29.04 1.48 0.00	52.75 3.11 0.00	37.35 2.45 0.00	60.87 4.17 0.00	45.34 2.29 0.00	35.48 1.30 0.00	29.37 0.96 0.00	29.30 0.79 0.00	27.72 0.40 0.00	28.60 0.28 0.00	33.33 0.32 0.00	40.66 0.96 0.00	38.62 1.49 0.00	45.72 2.25 -2.04	42.74 1.92 -2.60	37.22 1.30 0.00	30.65 1.00 0.00	28.46 0.68 0.00	28.49 0.61 0.00	26.59 0.45 0.00
GLENDALE_27_KV_LOAD 356172	30.65 1.44 0.00	29.25 1.33 0.00	29.33 1.24 0.00	31.18 1.39 0.00	28.90 1.35 0.00	51.75 2.12 0.00	36.57 1.67 0.00	59.42 2.72 0.00	45.36 2.30 0.00	36.22 2.04 0.00	30.37 1.95 0.00	30.50 1.99 0.00	29.20 1.87 0.00	30.10 1.78 0.00	35.13 2.12 0.00	42.23 2.53 0.00	39.49 2.37 0.00	44.12 2.69 0.00	40.67 2.46 0.00	38.37 2.45 0.00	31.62 1.98 0.00	29.71 1.93 0.00	29.77 1.89 0.00	28.05 1.91 0.00
GLENWOOD_IC_1_G5 23712	30.80 1.60 0.00	31.94 1.53 -2.49	29.43 1.33 0.00	31.31 1.52 0.00	29.06 1.51 0.00	51.89 2.25 0.00	36.63 1.73 0.00	59.61 2.91 0.00	45.35 2.29 0.00	36.00 1.82 0.00	30.09 1.68 0.00	30.16 1.65 0.00	28.89 1.57 0.00	30.03 1.71 0.00	36.41 2.25 -1.14	42.23 2.52 0.00	39.48 2.35 0.00	45.55 2.77 -1.36	46.92 2.57 -6.13	38.40 2.48 0.00	31.66 2.01 0.00	29.83 2.05 0.00	30.01 1.99 -0.15	28.03 1.90 0.00
GLENWOOD_IC_2_G1 23688	30.64 1.44 0.00	31.77 1.37 -2.49	29.29 1.20 0.00	31.15 1.36 0.00	28.90 1.34 0.00	51.65 2.02 0.00	36.47 1.57 0.00	59.31 2.61 0.00	45.13 2.07 0.00	35.87 1.69 0.00	30.01 1.59 0.00	30.09 1.58 0.00	28.83 1.51 0.00	29.88 1.56 0.00	35.32 2.03 -0.28	42.01 2.31 0.00	39.29 2.17 0.00	43.96 2.53 0.00	40.54 2.33 0.00	38.19 2.28 0.00	31.50 1.85 0.00	29.66 1.87 0.00	29.77 1.82 -0.08	27.91 1.77 0.00
GLENWOOD_IC_3_G1 23689	30.64 1.44 0.00	31.77 1.37 -2.49	29.29 1.20 0.00	31.15 1.36 0.00	28.90 1.34 0.00	51.65 2.02 0.00	36.47 1.57 0.00	59.31 2.61 0.00	45.13 2.07 0.00	35.87 1.69 0.00	30.01 1.59 0.00	30.09 1.58 0.00	28.83 1.51 0.00	29.88 1.56 0.00	35.32 2.03 -0.28	42.01 2.31 0.00	39.29 2.17 0.00	43.96 2.53 0.00	40.54 2.33 0.00	38.19 2.28 0.00	31.50 1.85 0.00	29.66 1.87 0.00	29.77 1.82 -0.08	27.91 1.77 0.00
GLENWOOD___4 23550	30.80 1.60 0.00	31.94 1.53 -2.49	29.43 1.33 0.00	31.31 1.52 0.00	29.06 1.51 0.00	51.89 2.25 0.00	36.63 1.73 0.00	59.61 2.91 0.00	45.35 2.29 0.00	36.00 1.82 0.00	30.09 1.68 0.00	30.16 1.65 0.00	28.89 1.57 0.00	30.03 1.71 0.00	36.41 2.25 -1.14	42.23 2.52 0.00	39.48 2.35 0.00	45.55 2.77 -1.36	46.92 2.57 -6.13	38.40 2.48 0.00	31.66 2.01 0.00	29.83 2.05 0.00	30.01 1.99 -0.15	28.03 1.90 0.00
GLENWOOD___5 23614	30.80 1.60 0.00	31.94 1.53 -2.49	29.43 1.33 0.00	31.31 1.52 0.00	29.06 1.51 0.00	51.89 2.25 0.00	36.63 1.73 0.00	59.61 2.91 0.00	45.35 2.29 0.00	36.00 1.82 0.00	30.09 1.68 0.00	30.16 1.65 0.00	28.89 1.57 0.00	30.03 1.71 0.00	36.41 2.25 -1.14	42.23 2.52 0.00	39.48 2.35 0.00	45.55 2.77 -1.36	46.92 2.57 -6.13	38.40 2.48 0.00	31.66 2.01 0.00	29.83 2.05 0.00	30.01 1.99 -0.15	28.03 1.90 0.00
GLOBAL GREEN_PORT_GT1 23814	31.22 2.01 0.00	32.41 2.00 -2.49	29.68 1.59 0.00	31.95 2.15 0.00	29.99 2.44 0.00	53.25 3.61 0.00	37.45 2.55 0.00	61.08 4.38 0.00	46.33 3.27 0.00	35.57 1.39 0.00	24.23 1.01 5.19	23.73 1.02 5.80	24.41 1.23 4.15	30.14 1.82 0.00	36.48 2.70 -0.76	42.97 3.27 0.00	39.89 2.76 0.00	46.09 3.62 -1.04	46.09 3.19 -4.68	38.60 2.68 0.00	31.81 2.16 0.00	30.13 2.34 0.00	30.23 2.24 -0.12	28.08 1.94 0.00
GLOBE___DSASP 323697	27.16 -2.04 0.00	26.05 -1.87 0.00	26.26 -1.83 0.00	27.82 -1.98 0.00	25.72 -1.83 0.00	46.50 -3.13 0.00	32.02 -2.87 0.01	51.97 -4.72 0.01	40.27 -2.79 0.00	32.89 -1.29 0.00	27.68 -0.74 0.00	27.70 -0.81 0.00	26.64 -0.68 0.00	27.89 -0.42 0.00	32.07 -0.93 0.01	38.20 -1.51 0.00	35.43 -1.70 0.00	39.42 -2.01 0.00	36.54 -1.67 0.00	33.87 -2.05 0.00	27.68 -1.95 0.01	25.96 -1.81 0.01	26.08 -1.79 0.00	24.67 -1.47 0.00
GOETHSLN___LBMP 323567	30.49 1.28 0.00	29.08 1.17 0.00	29.14 1.05 0.00	30.94 1.15 0.00	28.68 1.12 0.00	51.39 1.75 0.00	36.29 1.39 0.00	58.94 2.24 0.00	44.95 1.89 0.00	35.89 1.71 0.00	30.09 1.67 0.00	30.23 1.72 0.00	28.93 1.61 0.00	29.82 1.50 0.00	34.85 1.84 0.00	41.92 2.22 0.00	39.20 2.08 0.00	43.81 2.38 0.00	40.37 2.16 0.00	38.10 2.18 0.00	31.42 1.77 0.00	29.52 1.74 0.00	29.60 1.73 0.00	27.90 1.76 0.00
GOLAH___69_KV_TB 1_2 80279	28.38 -0.83 0.00	27.15 -0.76 0.00	27.32 -0.77 0.00	28.96 -0.83 0.00	26.83 -0.72 0.00	48.53 -1.10 0.00	33.88 -1.02 0.00	55.04 -1.66 0.00	42.25 -0.81 0.00	34.21 0.03 0.00	28.70 0.28 0.00	28.72 0.21 0.00	27.57 0.25 0.00	28.80 0.48 0.00	33.33 0.31 0.00	39.79 0.09 0.00	37.03 -0.10 0.00	41.32 -0.12 0.00	38.19 -0.02 0.00	35.58 -0.34 0.00	29.16 -0.49 0.00	27.27 -0.51 0.00	27.30 -0.57 0.00	25.68 -0.46 0.00

GOODYEAR_LAKE_HYD 323669	30.31 1.11 0.00	28.97 1.05 0.00	29.18 1.09 0.00	30.97 1.17 0.00	28.63 1.08 0.00	51.71 2.07 0.00	36.43 1.53 0.00	59.17 2.47 0.00	44.92 1.86 0.00	35.81 1.63 0.00	29.82 1.40 0.00	29.94 1.43 0.00	28.58 1.26 0.00	29.56 1.24 0.00	34.38 1.36 0.00	41.40 1.69 0.00	38.64 1.51 0.00	43.17 1.74 0.00	39.85 1.63 0.00	37.38 1.46 0.00	30.80 1.16 0.00	28.87 1.08 0.00	28.90 1.02 0.00	27.13 1.00 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.33 0.13 0.00	27.98 0.06 0.00	28.23 0.14 0.00	29.94 0.15 0.00	27.70 0.15 0.00	50.07 0.44 0.00	35.18 0.28 0.00	57.21 0.51 0.00	43.53 0.47 0.00	34.73 0.55 0.00	28.88 0.46 0.00	29.04 0.53 0.00	27.79 0.47 0.00	28.79 0.48 0.00	33.55 0.53 0.00	40.33 0.63 0.00	37.57 0.45 0.00	42.08 0.65 0.00	38.84 0.63 0.00	36.39 0.47 0.00	29.98 0.33 0.00	28.04 0.26 0.00	28.13 0.26 0.00	26.40 0.26 0.00
GOUDEY___7 23579	29.33 0.13 0.00	27.98 0.06 0.00	28.23 0.14 0.00	29.94 0.15 0.00	27.70 0.15 0.00	50.07 0.44 0.00	35.18 0.28 0.00	57.21 0.51 0.00	43.53 0.47 0.00	34.73 0.55 0.00	28.88 0.46 0.00	29.04 0.53 0.00	27.79 0.47 0.00	28.79 0.48 0.00	33.55 0.53 0.00	40.33 0.63 0.00	37.57 0.45 0.00	42.08 0.65 0.00	38.84 0.63 0.00	36.39 0.47 0.00	29.98 0.33 0.00	28.04 0.26 0.00	28.13 0.26 0.00	26.40 0.26 0.00
GOUDEY___8 23580	29.33 0.13 0.00	27.98 0.06 0.00	28.23 0.14 0.00	29.94 0.15 0.00	27.70 0.15 0.00	50.07 0.44 0.00	35.18 0.28 0.00	57.21 0.51 0.00	43.53 0.47 0.00	34.73 0.55 0.00	28.88 0.46 0.00	29.04 0.53 0.00	27.79 0.47 0.00	28.79 0.48 0.00	33.55 0.53 0.00	40.33 0.63 0.00	37.57 0.45 0.00	42.08 0.65 0.00	38.84 0.63 0.00	36.39 0.47 0.00	29.98 0.33 0.00	28.04 0.26 0.00	28.13 0.26 0.00	26.40 0.26 0.00
GOWANUS_GT1_1 24077	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT1_2 24078	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT1_3 24079	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT1_4 24080	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT1_5 24084	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT1_6 24111	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT1_7 24112	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT1_8 24113	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GOWANUS_GT2_1 24114	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
GOWANUS_GT2_2 24115	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
GOWANUS_GT2_3 24116	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00

GOWANUS_GT2_4 24117	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
GOWANUS_GT2_5 24118	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
GOWANUS_GT2_6 24119	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
GOWANUS_GT2_7 24120	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
GOWANUS_GT2_8 24121	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
GOWANUS_GT3_1 24122	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT3_2 24123	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT3_3 24124	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT3_4 24125	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT3_5 24126	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT3_6 24127	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT3_7 24128	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT3_8 24129	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
GOWANUS_GT4_1 24130	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00
GOWANUS_GT4_2 24131	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00

GOWANUS_GT4_3 24132	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00
GOWANUS_GT4_4 24133	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00
GOWANUS_GT4_5 24134	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00
GOWANUS_GT4_6 24135	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00
GOWANUS_GT4_7 24136	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00
GOWANUS_GT4_8 24137	30.53 1.33 0.00	29.14 1.23 0.00	29.26 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.38 2.31 0.00	36.25 2.06 -0.01	30.37 1.95 0.00	30.48 1.97 0.00	29.17 1.85 0.00	30.06 1.74 0.00	35.10 2.08 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.63 0.00	40.67 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.80 1.92 0.00	28.07 1.94 0.00
GREENBSH_115KV_TB3 55895	29.42 0.21 0.00	28.12 0.20 0.00	28.30 0.21 0.00	30.02 0.23 0.00	27.77 0.21 0.00	49.91 0.27 0.00	35.20 0.29 0.00	57.19 0.49 0.00	43.26 0.20 0.00	34.11 -0.07 0.00	28.36 -0.06 0.00	28.44 -0.07 0.00	27.32 0.00 0.00	28.27 -0.05 0.00	33.12 0.11 0.00	39.86 0.16 0.00	37.41 0.28 0.00	41.76 0.33 0.00	38.41 0.20 0.00	36.23 0.31 0.00	29.98 0.33 0.00	28.10 0.32 0.00	28.19 0.31 0.00	26.40 0.27 0.00
GREENIDGE_115KV_TB5 80291	29.04 -0.16 0.00	27.71 -0.21 0.00	27.95 -0.14 0.00	29.69 -0.10 0.00	27.49 -0.07 0.00	49.59 -0.05 0.00	35.07 0.17 0.00	56.94 0.24 0.00	43.45 0.39 0.00	34.93 0.75 0.00	29.03 0.61 0.00	29.14 0.63 0.00	27.93 0.61 0.00	29.04 0.72 0.00	33.70 0.68 0.00	40.48 0.77 0.00	37.53 0.41 0.00	42.07 0.63 0.00	38.83 0.62 0.00	36.39 0.48 0.00	29.80 0.15 0.00	27.79 0.00 0.00	27.80 -0.07 0.00	26.10 -0.04 0.00
GREENIDGE___3 23582	29.04 -0.16 0.00	27.71 -0.21 0.00	27.95 -0.14 0.00	29.69 -0.10 0.00	27.49 -0.07 0.00	49.59 -0.05 0.00	35.07 0.17 0.00	56.94 0.24 0.00	43.45 0.39 0.00	34.93 0.75 0.00	29.03 0.61 0.00	29.14 0.63 0.00	27.93 0.61 0.00	29.04 0.72 0.00	33.70 0.68 0.00	40.48 0.77 0.00	37.53 0.41 0.00	42.07 0.63 0.00	38.83 0.62 0.00	36.39 0.48 0.00	29.80 0.15 0.00	27.79 0.00 0.00	27.80 -0.07 0.00	26.10 -0.04 0.00
GREENIDGE___4 23583	29.05 -0.15 0.00	27.71 -0.21 0.00	27.95 -0.14 0.00	29.96 -0.10 -0.27	27.68 -0.07 -0.19	49.82 -0.05 -0.23	35.17 0.17 -0.09	57.61 0.24 -0.68	45.06 0.39 -1.61	35.32 0.75 -0.39	29.74 0.60 -0.72	29.28 0.62 -0.15	28.21 0.61 -0.28	29.53 0.72 -0.50	34.03 0.68 -0.34	40.79 0.77 -0.32	38.35 0.41 -0.82	42.56 0.63 -0.50	39.15 0.61 -0.33	36.39 0.47 0.00	29.90 0.16 -0.10	28.35 0.00 -0.57	27.80 -0.07 0.00	26.11 -0.03 0.00
GREENLWN_69_KV_BK 3 55738	30.86 1.65 0.00	32.08 1.67 -2.49	29.42 1.33 0.00	31.39 1.59 0.00	29.17 1.62 0.00	51.65 2.01 0.00	36.37 1.47 0.00	59.28 2.59 0.00	45.02 1.96 0.00	35.49 1.31 0.00	29.65 1.23 0.00	29.62 1.11 0.00	28.37 1.05 0.00	29.82 1.50 0.00	36.05 2.25 -0.78	41.95 2.25 0.00	39.20 2.07 0.00	44.95 2.47 -1.05	45.34 2.39 -4.73	38.19 2.28 0.00	31.45 1.81 0.00	29.78 2.00 0.00	30.00 2.00 -0.12	28.03 1.89 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00
GRISSOM___SOLAR 323813	30.95 1.75 0.00	29.57 1.66 0.00	29.75 1.66 0.00	31.57 1.77 0.00	29.22 1.67 0.00	52.78 3.15 0.00	37.24 2.34 0.00	60.36 3.66 0.00	44.70 1.65 0.00	34.79 0.61 0.00	29.21 0.80 0.00	29.02 0.51 0.00	27.68 0.36 0.00	28.60 0.28 0.00	33.43 0.41 0.00	41.12 1.42 0.00	39.25 2.13 0.00	43.96 2.53 0.00	40.53 2.32 0.00	38.04 2.12 0.00	31.36 1.71 0.00	29.40 1.61 0.00	29.41 1.54 0.00	27.57 1.43 0.00
GROVEVILLE___HYD 323602	30.58 1.37 0.00	29.18 1.27 0.00	29.29 1.20 0.00	31.11 1.31 0.00	28.82 1.26 0.00	51.76 2.12 0.00	36.56 1.66 0.00	59.42 2.72 0.00	45.21 2.15 0.00	35.97 1.78 0.00	30.09 1.68 0.00	30.20 1.69 0.00	28.92 1.60 0.00	29.90 1.58 0.00	34.97 1.96 0.00	42.02 2.31 0.00	39.26 2.14 0.00	43.93 2.50 0.00	40.50 2.29 0.00	38.15 2.24 0.00	31.47 1.83 0.00	29.55 1.76 0.00	29.60 1.72 0.00	27.82 1.68 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.79 -0.42 0.00	27.51 -0.41 0.00	27.68 -0.41 0.00	29.38 -0.42 0.00	27.18 -0.37 0.00	49.12 -0.52 0.00	34.58 -0.33 0.00	56.25 -0.45 0.00	42.72 -0.34 0.00	33.95 -0.23 0.00	28.24 -0.18 0.00	28.33 -0.18 0.00	27.14 -0.18 0.00	28.18 -0.13 0.00	32.85 -0.17 0.00	39.52 -0.18 0.00	36.97 -0.16 0.00	41.32 -0.11 0.00	38.11 -0.10 0.00	35.73 -0.18 0.00	29.44 -0.21 0.00	27.56 -0.23 0.00	27.63 -0.24 0.00	25.93 -0.21 0.00

HAMLTNNY_34_KV_TB 80303	28.81 -0.40 0.00	27.54 -0.38 0.00	27.69 -0.40 0.00	29.40 -0.40 0.00	27.20 -0.35 0.00	49.19 -0.45 0.00	34.60 -0.31 0.00	56.35 -0.35 0.00	42.81 -0.25 0.00	34.05 -0.13 0.00	28.34 -0.08 0.00	28.43 -0.08 0.00	27.22 -0.10 0.00	28.31 -0.01 0.00	32.99 -0.02 0.00	39.68 -0.02 0.00	37.09 -0.04 0.00	41.42 -0.01 0.00	38.20 -0.02 0.00	35.81 -0.10 0.00	29.48 -0.17 0.00	27.62 -0.16 0.00	27.69 -0.18 0.00	25.98 -0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	31.31 2.10 0.00	29.83 1.92 0.00	29.91 1.82 0.00	31.81 2.02 0.00	29.50 1.94 0.00	53.58 3.94 0.00	37.92 3.02 0.00	61.65 4.95 0.00	45.97 2.91 0.00	35.87 1.69 0.00	29.93 1.51 0.00	29.99 1.48 0.00	28.21 0.89 0.00	29.02 0.70 0.00	33.55 0.54 0.00	40.44 0.73 0.00	38.07 0.95 0.00	47.86 1.23 -5.20	45.94 1.11 -6.62	36.70 0.79 0.00	30.26 0.61 0.00	28.22 0.44 0.00	28.31 0.44 0.00	26.38 0.24 0.00
HARDSCRABBLE_WT_PWR 323673	29.26 0.05 0.00	27.93 0.02 0.00	28.17 0.08 0.00	29.92 0.12 0.00	27.70 0.14 0.00	49.95 0.31 0.00	35.41 0.51 0.00	57.50 0.80 0.00	42.87 -0.19 0.00	33.47 -0.72 0.00	27.87 -0.55 0.00	27.86 -0.65 0.00	26.60 -0.72 0.00	27.48 -0.84 0.00	32.26 -0.75 0.00	39.02 -0.68 0.00	36.59 -0.53 0.00	40.98 -0.45 0.00	37.63 -0.58 0.00	35.39 -0.53 0.00	29.36 -0.29 0.00	27.56 -0.23 0.00	27.57 -0.31 0.00	25.80 -0.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.38 1.17 0.00	29.00 1.09 0.00	29.10 1.01 0.00	30.91 1.12 0.00	28.64 1.08 0.00	51.44 1.80 0.00	36.33 1.43 0.00	59.05 2.36 0.00	44.94 1.88 0.00	35.78 1.60 0.00	29.87 1.46 0.00	30.00 1.49 0.00	28.72 1.40 0.00	29.69 1.38 0.00	34.72 1.70 0.00	41.76 2.06 0.00	39.08 1.96 0.00	43.71 2.28 0.00	40.29 2.08 0.00	37.97 2.05 0.00	31.32 1.67 0.00	29.41 1.63 0.00	29.45 1.58 0.00	27.71 1.57 0.00
HARSNRAD_115KV_TB1 81005	27.72 -1.49 0.00	26.57 -1.34 0.00	26.78 -1.31 0.00	28.37 -1.43 0.00	26.24 -1.31 0.00	47.49 -2.15 0.00	32.79 -2.11 0.00	53.18 -3.52 0.00	41.20 -1.86 0.00	33.66 -0.52 0.00	28.28 -0.14 0.00	28.33 -0.18 0.00	27.22 -0.10 0.00	28.51 0.19 0.00	32.80 -0.22 0.00	39.07 -0.63 0.00	36.22 -0.91 0.00	40.34 -1.09 0.00	37.37 -0.85 0.00	34.64 -1.28 0.00	28.33 -1.32 0.00	26.55 -1.24 0.00	26.63 -1.24 0.00	25.18 -0.95 0.00
HARZA MOOSE___RIVER 24016	30.40 1.19 0.00	29.02 1.11 0.00	29.13 1.04 0.00	30.99 1.19 0.00	28.72 1.16 0.00	52.00 2.37 0.00	36.77 1.87 0.00	59.78 3.08 0.00	44.89 1.83 0.00	35.25 1.07 0.00	29.22 0.80 0.00	29.29 0.78 0.00	27.83 0.51 0.00	28.76 0.44 0.00	33.53 0.51 0.00	40.54 0.84 0.00	38.21 1.09 0.00	44.38 1.50 -1.45	41.39 1.32 -1.85	36.89 0.97 0.00	30.36 0.72 0.00	28.33 0.55 0.00	28.40 0.52 0.00	26.58 0.44 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.59 -0.62 0.00	27.31 -0.61 0.00	27.49 -0.60 0.00	29.18 -0.62 0.00	26.98 -0.57 0.00	48.73 -0.91 0.00	34.28 -0.62 0.00	55.73 -0.97 0.00	42.39 -0.67 0.00	33.71 -0.47 0.00	28.05 -0.37 0.00	28.13 -0.38 0.00	26.97 -0.36 0.00	27.98 -0.34 0.00	32.61 -0.40 0.00	39.23 -0.48 0.00	36.70 -0.43 0.00	41.02 -0.41 0.00	37.83 -0.38 0.00	35.48 -0.44 0.00	29.23 -0.42 0.00	27.36 -0.43 0.00	27.44 -0.44 0.00	25.74 -0.39 0.00
HELLGATE_13_KV_LD 55870	30.53 1.32 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.07 1.27 0.00	28.80 1.24 0.00	51.53 1.89 0.00	36.41 1.50 0.00	59.13 2.43 0.00	45.13 2.07 0.00	36.03 1.85 0.00	30.23 1.81 0.00	30.36 1.85 0.00	29.06 1.74 0.00	29.95 1.63 0.00	34.95 1.94 0.00	42.01 2.31 0.00	39.28 2.15 0.00	43.88 2.45 0.00	40.45 2.24 0.00	38.16 2.25 0.00	31.46 1.81 0.00	29.56 1.77 0.00	29.62 1.75 0.00	27.93 1.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.53 1.32 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.07 1.27 0.00	28.80 1.24 0.00	51.53 1.89 0.00	36.41 1.50 0.00	59.13 2.43 0.00	45.13 2.07 0.00	36.03 1.85 0.00	30.23 1.81 0.00	30.36 1.85 0.00	29.06 1.74 0.00	29.95 1.63 0.00	34.95 1.94 0.00	42.01 2.31 0.00	39.28 2.15 0.00	43.88 2.45 0.00	40.45 2.24 0.00	38.16 2.25 0.00	31.46 1.81 0.00	29.56 1.77 0.00	29.62 1.75 0.00	27.93 1.79 0.00
HEMPSTEAD____ 23647	30.78 1.57 0.00	31.96 1.55 -2.49	29.37 1.28 0.00	31.30 1.50 0.00	29.07 1.52 0.00	51.80 2.17 0.00	36.56 1.66 0.00	59.52 2.82 0.00	45.23 2.17 0.00	35.81 1.62 0.00	29.91 1.50 0.00	29.93 1.42 0.00	28.67 1.35 0.00	29.91 1.59 0.00	36.26 2.22 -1.02	42.11 2.40 0.00	39.37 2.25 0.00	45.38 2.68 -1.27	46.50 2.53 -5.75	38.33 2.41 0.00	31.59 1.94 0.00	29.84 2.05 0.00	29.98 1.97 -0.14	27.98 1.84 0.00
HEWLETT_69_KV_BK3 55828	31.07 1.86 0.00	32.23 1.82 -2.49	29.62 1.53 0.00	31.58 1.78 0.00	29.34 1.78 0.00	52.24 2.60 0.00	36.87 1.97 0.00	60.03 3.33 0.00	45.60 2.54 0.00	36.01 1.83 0.00	30.11 1.69 0.00	29.98 1.47 0.00	28.79 1.47 0.00	30.07 1.75 0.00	36.65 2.55 -1.08	42.52 2.81 0.00	39.77 2.65 0.00	45.92 3.09 -1.41	47.49 2.93 -6.36	38.69 2.77 0.00	31.89 2.25 0.00	30.12 2.33 0.00	30.23 2.21 -0.15	28.19 2.06 0.00
HICKLING___1 23621	28.82 -0.38 0.00	27.45 -0.47 0.00	27.78 -0.32 0.00	29.50 -0.30 0.00	27.30 -0.25 0.00	49.63 0.00 0.00	34.76 -0.14 0.00	56.52 -0.18 0.00	43.19 0.13 0.00	34.74 0.56 0.00	28.92 0.51 0.00	29.17 0.66 0.00	27.92 0.60 0.00	28.94 0.63 0.00	33.63 0.62 0.00	40.36 0.66 0.00	37.30 0.18 0.00	41.90 0.46 0.00	38.71 0.50 0.00	36.09 0.17 0.00	29.62 -0.02 0.00	27.60 -0.19 0.00	27.68 -0.20 0.00	26.01 -0.13 0.00
HICKLING___2 23622	28.82 -0.38 0.00	27.45 -0.47 0.00	27.78 -0.32 0.00	29.50 -0.30 0.00	27.30 -0.25 0.00	49.63 0.00 0.00	34.76 -0.14 0.00	56.52 -0.18 0.00	43.19 0.13 0.00	34.74 0.56 0.00	28.92 0.51 0.00	29.17 0.66 0.00	27.92 0.60 0.00	28.94 0.63 0.00	33.63 0.62 0.00	40.36 0.66 0.00	37.30 0.18 0.00	41.90 0.46 0.00	38.71 0.50 0.00	36.09 0.17 0.00	29.62 -0.02 0.00	27.60 -0.19 0.00	27.68 -0.20 0.00	26.01 -0.13 0.00
HIGH FALLS___HY 23754	30.62 1.41 0.00	29.22 1.31 0.00	29.34 1.25 0.00	31.16 1.37 0.00	28.86 1.31 0.00	51.87 2.24 0.00	36.65 1.75 0.00	59.59 2.89 0.00	45.40 2.34 0.00	36.16 1.98 0.00	30.08 1.67 0.00	30.15 1.64 0.00	28.82 1.49 0.00	29.80 1.48 0.00	34.80 1.79 0.00	41.95 2.25 0.00	39.32 2.19 0.00	44.06 2.62 0.00	40.68 2.47 0.00	38.30 2.39 0.00	31.58 1.94 0.00	29.65 1.87 0.00	29.69 1.82 0.00	27.93 1.79 0.00
HIGH_RIVER___SOLAR 323847	30.32 1.11 0.00	28.97 1.06 0.00	29.16 1.07 0.00	30.94 1.14 0.00	28.62 1.07 0.00	51.60 1.97 0.00	36.37 1.47 0.00	58.99 2.29 0.00	44.16 1.10 0.00	34.59 0.41 0.00	28.62 0.21 0.00	28.64 0.13 0.00	27.39 0.07 0.00	28.39 0.07 0.00	33.36 0.34 0.00	40.66 0.95 0.00	38.48 1.35 0.00	43.03 1.59 0.00	39.65 1.44 0.00	37.28 1.37 0.00	30.76 1.12 0.00	28.85 1.06 0.00	28.90 1.03 0.00	27.09 0.96 0.00

HILLBURN___GT 23639	30.31 1.11 0.00	28.94 1.02 0.00	29.03 0.94 0.00	30.85 1.05 0.00	28.58 1.02 0.00	51.33 1.70 0.00	36.24 1.34 0.00	58.91 2.21 0.00	44.84 1.78 0.00	35.74 1.56 0.00	29.86 1.44 0.00	30.01 1.50 0.00	28.72 1.40 0.00	29.68 1.36 0.00	34.69 1.68 0.00	41.65 1.95 0.00	38.93 1.81 0.00	43.56 2.13 0.00	40.15 1.94 0.00	37.86 1.95 0.00	31.23 1.58 0.00	29.34 1.56 0.00	29.39 1.52 0.00	27.67 1.53 0.00
HILLSIDE_115KV_TB1 80332	28.50 -0.71 0.00	27.12 -0.79 0.00	27.46 -0.63 0.00	29.13 -0.67 0.00	26.94 -0.62 0.00	48.98 -0.66 0.00	34.33 -0.57 0.00	55.78 -0.92 0.00	42.59 -0.47 0.00	34.19 0.01 0.00	28.43 0.01 0.00	28.71 0.20 0.00	27.45 0.12 0.00	28.43 0.11 0.00	33.09 0.08 0.00	39.74 0.03 0.00	36.73 -0.40 0.00	41.30 -0.13 0.00	38.19 -0.02 0.00	35.62 -0.29 0.00	29.29 -0.36 0.00	27.28 -0.51 0.00	27.41 -0.46 0.00	25.74 -0.40 0.00
HISHELDN_WT_PWR 323625	28.19 -1.02 0.00	26.99 -0.93 0.00	27.25 -0.84 0.00	28.04 -0.84 0.91	26.16 -0.76 0.63	47.80 -1.07 0.76	33.33 -1.25 0.32	52.39 -2.05 2.26	36.83 -0.86 5.36	33.06 0.16 1.29	26.38 0.36 2.40	28.39 0.38 0.51	26.82 0.43 0.94	27.32 0.67 1.67	32.25 0.37 1.13	38.85 0.17 1.03	34.25 -0.22 2.65	39.52 -0.29 1.62	36.98 -0.17 1.06	35.32 -0.59 0.00	28.54 -0.79 0.31	25.18 -0.77 1.83	27.03 -0.84 0.00	25.50 -0.63 0.00
HOLTSVILLE_IC_1 23690	30.93 1.73 0.00	32.22 1.81 -2.49	29.48 1.39 0.00	31.54 1.75 0.00	29.35 1.80 0.00	52.09 2.45 0.00	36.65 1.75 0.00	59.79 3.09 0.00	45.37 2.31 0.00	35.55 1.37 0.00	29.71 1.29 0.00	29.64 1.13 0.00	28.39 1.06 0.00	29.82 1.50 0.00	36.11 2.33 -0.76	42.22 2.52 0.00	39.43 2.31 0.00	45.38 2.91 -1.04	45.70 2.81 -4.68	38.55 2.63 0.00	31.76 2.11 0.00	30.07 2.29 0.00	30.24 2.25 -0.12	28.19 2.05 0.00
HOLTSVILLE_IC_10 23699	31.03 1.83 0.00	32.34 1.93 -2.49	29.57 1.48 0.00	31.66 1.86 0.00	29.47 1.92 0.00	52.33 2.69 0.00	36.81 1.91 0.00	60.08 3.37 0.00	45.58 2.52 0.00	35.64 1.46 0.00	31.44 1.37 -1.65	31.54 1.19 -1.85	29.77 1.13 -1.32	29.91 1.59 0.00	36.25 2.46 -0.77	42.40 2.70 0.00	39.60 2.48 0.00	45.65 3.18 -1.04	45.97 3.06 -4.70	38.79 2.88 0.00	31.95 2.31 0.00	30.24 2.46 0.00	30.40 2.41 -0.12	28.32 2.19 0.00
HOLTSVILLE_IC_2 23691	30.93 1.73 0.00	32.22 1.81 -2.49	29.48 1.39 0.00	31.54 1.75 0.00	29.35 1.80 0.00	52.09 2.45 0.00	36.65 1.75 0.00	59.79 3.09 0.00	45.37 2.31 0.00	35.55 1.37 0.00	29.71 1.29 0.00	29.64 1.13 0.00	28.39 1.06 0.00	29.82 1.50 0.00	36.11 2.33 -0.76	42.22 2.52 0.00	39.43 2.31 0.00	45.38 2.91 -1.04	45.70 2.81 -4.68	38.55 2.63 0.00	31.76 2.11 0.00	30.07 2.29 0.00	30.24 2.25 -0.12	28.19 2.05 0.00
HOLTSVILLE_IC_3 23692	30.93 1.73 0.00	32.22 1.81 -2.49	29.48 1.39 0.00	31.54 1.75 0.00	29.35 1.80 0.00	52.09 2.45 0.00	36.65 1.75 0.00	59.79 3.09 0.00	45.37 2.31 0.00	35.55 1.37 0.00	29.71 1.29 0.00	29.64 1.13 0.00	28.39 1.06 0.00	29.82 1.50 0.00	36.11 2.33 -0.76	42.22 2.52 0.00	39.43 2.31 0.00	45.38 2.91 -1.04	45.70 2.81 -4.68	38.55 2.63 0.00	31.76 2.11 0.00	30.07 2.29 0.00	30.24 2.25 -0.12	28.19 2.05 0.00
HOLTSVILLE_IC_4 23693	30.93 1.73 0.00	32.22 1.81 -2.49	29.48 1.39 0.00	31.54 1.75 0.00	29.35 1.80 0.00	52.09 2.45 0.00	36.65 1.75 0.00	59.79 3.09 0.00	45.37 2.31 0.00	35.55 1.37 0.00	29.71 1.29 0.00	29.64 1.13 0.00	28.39 1.06 0.00	29.82 1.50 0.00	36.11 2.33 -0.76	42.22 2.52 0.00	39.43 2.31 0.00	45.38 2.91 -1.04	45.70 2.81 -4.68	38.55 2.63 0.00	31.76 2.11 0.00	30.07 2.29 0.00	30.24 2.25 -0.12	28.19 2.05 0.00
HOLTSVILLE_IC_5 23694	30.93 1.73 0.00	32.22 1.81 -2.49	29.48 1.39 0.00	31.54 1.75 0.00	29.35 1.80 0.00	52.09 2.45 0.00	36.65 1.75 0.00	59.79 3.09 0.00	45.37 2.31 0.00	35.55 1.37 0.00	29.71 1.29 0.00	29.64 1.13 0.00	28.39 1.06 0.00	29.82 1.50 0.00	36.11 2.33 -0.76	42.22 2.52 0.00	39.43 2.31 0.00	45.38 2.91 -1.04	45.70 2.81 -4.68	38.55 2.63 0.00	31.76 2.11 0.00	30.07 2.29 0.00	30.24 2.25 -0.12	28.19 2.05 0.00
HOLTSVILLE_IC_6 23695	31.03 1.83 0.00	32.34 1.93 -2.49	29.57 1.48 0.00	31.66 1.86 0.00	29.47 1.92 0.00	52.33 2.69 0.00	36.81 1.91 0.00	60.08 3.37 0.00	45.58 2.52 0.00	35.64 1.46 0.00	31.44 1.37 -1.65	31.54 1.19 -1.85	29.77 1.13 -1.32	29.91 1.59 0.00	36.25 2.46 -0.77	42.40 2.70 0.00	39.60 2.48 0.00	45.65 3.18 -1.04	45.97 3.06 -4.70	38.79 2.88 0.00	31.95 2.31 0.00	30.24 2.46 0.00	30.40 2.41 -0.12	28.32 2.19 0.00
HOLTSVILLE_IC_7 23696	31.03 1.83 0.00	32.34 1.93 -2.49	29.57 1.48 0.00	31.66 1.86 0.00	29.47 1.92 0.00	52.33 2.69 0.00	36.81 1.91 0.00	60.08 3.37 0.00	45.58 2.52 0.00	35.64 1.46 0.00	31.44 1.37 -1.65	31.54 1.19 -1.85	29.77 1.13 -1.32	29.91 1.59 0.00	36.25 2.46 -0.77	42.40 2.70 0.00	39.60 2.48 0.00	45.65 3.18 -1.04	45.97 3.06 -4.70	38.79 2.88 0.00	31.95 2.31 0.00	30.24 2.46 0.00	30.40 2.41 -0.12	28.32 2.19 0.00
HOLTSVILLE_IC_8 23697	31.03 1.83 0.00	32.34 1.93 -2.49	29.57 1.48 0.00	31.66 1.86 0.00	29.47 1.92 0.00	52.33 2.69 0.00	36.81 1.91 0.00	60.08 3.37 0.00	45.58 2.52 0.00	35.64 1.46 0.00	31.44 1.37 -1.65	31.54 1.19 -1.85	29.77 1.13 -1.32	29.91 1.59 0.00	36.25 2.46 -0.77	42.40 2.70 0.00	39.60 2.48 0.00	45.65 3.18 -1.04	45.97 3.06 -4.70	38.79 2.88 0.00	31.95 2.31 0.00	30.24 2.46 0.00	30.40 2.41 -0.12	28.32 2.19 0.00
HOLTSVILLE_IC_9 23698	31.03 1.83 0.00	32.34 1.93 -2.49	29.57 1.48 0.00	31.66 1.86 0.00	29.47 1.92 0.00	52.33 2.69 0.00	36.81 1.91 0.00	60.08 3.37 0.00	45.58 2.52 0.00	35.64 1.46 0.00	31.44 1.37 -1.65	31.54 1.19 -1.85	29.77 1.13 -1.32	29.91 1.59 0.00	36.25 2.46 -0.77	42.40 2.70 0.00	39.60 2.48 0.00	45.65 3.18 -1.04	45.97 3.06 -4.70	38.79 2.88 0.00	31.95 2.31 0.00	30.24 2.46 0.00	30.40 2.41 -0.12	28.32 2.19 0.00
HOMER_HL_115KV_TB2 355744	29.39 0.19 0.00	28.11 0.19 0.00	28.37 0.28 0.00	30.22 0.43 0.00	27.99 0.43 0.00	50.40 0.76 0.00	34.58 -0.32 0.00	56.16 -0.54 0.00	43.39 0.32 0.00	35.54 1.36 0.00	29.89 1.47 0.00	30.23 1.72 0.00	29.01 1.69 0.00	30.33 2.01 0.00	35.00 1.98 0.00	41.70 2.00 0.00	38.23 1.11 0.00	42.51 1.08 0.00	39.37 1.16 0.00	36.82 0.90 0.00	30.16 0.52 0.00	28.46 0.67 0.00	28.52 0.65 0.00	26.87 0.74 0.00
HOWARD_WT_PWR 323690	28.75 -0.45 0.00	27.53 -0.39 0.00	27.82 -0.27 0.00	29.59 -0.21 0.00	27.48 -0.08 0.00	49.99 0.36 0.00	34.73 -0.17 0.00	56.56 -0.14 0.00	43.54 0.48 0.00	35.28 1.10 0.00	29.44 1.03 0.00	29.58 1.07 0.00	28.37 1.04 0.00	29.44 1.12 0.00	33.90 0.89 0.00	40.52 0.81 0.00	37.37 0.24 0.00	41.82 0.39 0.00	38.57 0.36 0.00	35.85 -0.06 0.00	29.26 -0.38 0.00	27.32 -0.47 0.00	27.25 -0.62 0.00	25.70 -0.43 0.00

HQ_GEN_CEDARS 23644	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.14 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.63 0.62 0.00	40.29 0.58 0.00	37.62 0.50 0.00	44.41 0.41 -2.56	41.95 0.47 -3.26	36.33 0.41 0.00	30.00 0.35 0.00	28.08 0.29 0.00	28.18 0.31 0.00	26.19 0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.13 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.63 0.62 0.00	40.29 0.58 0.00	37.62 0.50 0.00	44.41 0.41 -2.56	41.95 0.47 -3.26	36.33 0.41 0.00	30.00 0.35 0.00	28.08 0.30 0.00	28.29 0.31 -0.10	26.19 0.06 0.00
HQ_GEN_IMPORT 323601	29.51 0.30 0.00	28.21 0.29 0.00	28.37 0.28 0.00	30.07 0.28 0.00	27.80 0.25 0.00	50.10 0.46 0.00	35.13 0.22 0.00	57.07 0.37 0.00	43.44 0.35 -0.03	34.45 0.27 0.00	28.46 0.16 0.11	28.66 0.15 0.00	27.47 0.14 0.00	28.49 0.17 0.00	33.14 0.12 0.00	39.83 0.12 0.00	37.17 0.05 0.00	41.37 -0.05 0.00	38.21 0.00 0.00	35.92 0.00 0.00	29.65 0.01 0.00	27.79 0.01 0.00	27.89 0.02 0.00	26.11 -0.03 0.00
HQ_GEN_WHEEL 23651	29.51 0.30 0.00	28.21 0.29 0.00	28.37 0.28 0.00	30.07 0.28 0.00	27.80 0.25 0.00	50.10 0.46 0.00	35.13 0.22 0.00	57.07 0.37 0.00	43.44 0.35 -0.03	34.45 0.27 0.00	28.46 0.16 0.11	28.66 0.15 0.00	27.47 0.14 0.00	28.49 0.17 0.00	33.14 0.12 0.00	39.83 0.12 0.00	37.17 0.05 0.00	41.37 -0.05 0.00	38.21 0.00 0.00	35.92 0.00 0.00	29.65 0.01 0.00	27.79 0.01 0.00	27.89 0.02 0.00	26.11 -0.03 0.00
HUDSON AVE_GT_3 23810	30.59 1.38 0.00	29.18 1.27 0.00	29.25 1.16 0.00	31.09 1.29 0.00	28.80 1.24 0.00	51.61 1.97 0.00	36.43 1.53 0.00	59.20 2.50 0.00	45.15 2.09 0.00	36.04 1.86 0.00	30.22 1.80 0.00	30.37 1.86 0.00	29.08 1.76 0.00	29.97 1.65 0.00	35.00 1.99 0.00	42.08 2.38 0.00	39.35 2.22 0.00	43.98 2.55 0.00	40.52 2.31 0.00	38.22 2.31 0.00	31.52 1.88 0.00	29.61 1.82 0.00	29.69 1.82 0.00	27.98 1.84 0.00
HUDSON AVE_GT_4 23540	30.59 1.38 0.00	29.18 1.27 0.00	29.25 1.16 0.00	31.09 1.29 0.00	28.80 1.24 0.00	51.61 1.97 0.00	36.43 1.53 0.00	59.20 2.50 0.00	45.15 2.09 0.00	36.04 1.86 0.00	30.22 1.80 0.00	30.37 1.86 0.00	29.08 1.76 0.00	29.97 1.65 0.00	35.00 1.99 0.00	42.08 2.38 0.00	39.35 2.22 0.00	43.98 2.55 0.00	40.52 2.31 0.00	38.22 2.31 0.00	31.52 1.88 0.00	29.61 1.82 0.00	29.69 1.82 0.00	27.98 1.84 0.00
HUDSON AVE_GT_5 23657	30.59 1.38 0.00	29.18 1.27 0.00	29.25 1.16 0.00	31.09 1.29 0.00	28.80 1.24 0.00	51.61 1.97 0.00	36.43 1.53 0.00	59.20 2.50 0.00	45.15 2.09 0.00	36.04 1.86 0.00	30.22 1.80 0.00	30.37 1.86 0.00	29.08 1.76 0.00	29.97 1.65 0.00	35.00 1.99 0.00	42.08 2.38 0.00	39.35 2.22 0.00	43.98 2.55 0.00	40.52 2.31 0.00	38.22 2.31 0.00	31.52 1.88 0.00	29.61 1.82 0.00	29.69 1.82 0.00	27.98 1.84 0.00
HUDSON_AVE_10 24168	30.47 1.26 0.00	29.07 1.16 0.00	29.14 1.05 0.00	30.97 1.18 0.00	28.70 1.15 0.00	51.40 1.77 0.00	36.29 1.39 0.00	58.96 2.26 0.00	44.98 1.92 0.00	35.87 1.69 0.00	30.09 1.68 0.00	30.22 1.71 0.00	28.93 1.61 0.00	29.81 1.50 0.00	34.85 1.84 0.00	41.91 2.20 0.00	39.20 2.07 0.00	43.78 2.35 0.00	40.33 2.12 0.00	38.05 2.14 0.00	31.38 1.74 0.00	29.47 1.69 0.00	29.58 1.71 0.00	27.87 1.74 0.00
HUDSON___115KV_TB 4 355613	30.05 0.85 0.00	28.71 0.80 0.00	28.92 0.83 0.00	30.67 0.87 0.00	28.36 0.81 0.00	51.09 1.45 0.00	36.11 1.21 0.00	58.74 2.04 0.00	44.19 1.13 0.00	34.57 0.39 0.00	28.65 0.23 0.00	28.62 0.11 0.00	27.48 0.16 0.00	28.46 0.14 0.00	33.46 0.45 0.00	40.53 0.83 0.00	38.28 1.16 0.00	42.87 1.43 0.00	39.44 1.22 0.00	37.14 1.22 0.00	30.70 1.05 0.00	28.74 0.95 0.00	28.80 0.92 0.00	26.93 0.79 0.00
HUNTER MOUNT___DRP 323613	30.19 0.98 0.00	28.84 0.93 0.00	29.07 0.98 0.00	30.83 1.03 0.00	28.50 0.94 0.00	51.40 1.77 0.00	36.34 1.44 0.00	59.13 2.44 0.00	44.40 1.34 0.00	34.59 0.41 0.00	28.58 0.16 0.00	28.55 0.04 0.00	27.41 0.09 0.00	28.42 0.10 0.00	33.46 0.45 0.00	40.61 0.91 0.00	38.44 1.32 0.00	43.08 1.65 0.00	39.63 1.41 0.00	37.29 1.38 0.00	30.81 1.17 0.00	28.83 1.04 0.00	28.87 1.00 0.00	26.98 0.84 0.00
HUNTINGTON_RES_REC 323705	30.93 1.73 0.00	32.19 1.78 -2.49	29.48 1.39 0.00	31.50 1.70 0.00	29.29 1.74 0.00	51.90 2.27 0.00	36.55 1.65 0.00	59.62 2.92 0.00	45.23 2.17 0.00	35.55 1.37 0.00	29.68 1.27 0.00	29.60 1.09 0.00	28.37 1.05 0.00	29.82 1.50 0.00	36.11 2.33 -0.77	42.11 2.40 0.00	39.36 2.24 0.00	45.22 2.75 -1.04	45.59 2.68 -4.70	38.44 2.52 0.00	31.65 2.00 0.00	29.97 2.18 0.00	30.17 2.18 -0.12	28.15 2.01 0.00
HUNTLEY___63 23557	28.01 -1.20 0.00	26.83 -1.08 0.00	27.04 -1.05 0.00	28.65 -1.15 0.00	26.50 -1.06 0.00	47.97 -1.66 0.00	33.14 -1.77 0.00	53.78 -2.92 0.00	41.65 -1.40 0.00	34.03 -0.15 0.00	28.61 0.19 0.00	28.66 0.15 0.00	27.55 0.23 0.00	28.83 0.51 0.00	33.16 0.15 0.00	39.52 -0.18 0.00	36.62 -0.51 0.00	40.79 -0.64 0.00	37.79 -0.42 0.00	35.03 -0.89 0.00	28.64 -1.01 0.00	26.84 -0.95 0.00	26.91 -0.96 0.00	25.42 -0.71 0.00
HUNTLEY___64 23558	28.01 -1.20 0.00	26.83 -1.08 0.00	27.04 -1.05 0.00	28.65 -1.15 0.00	26.50 -1.06 0.00	47.97 -1.66 0.00	33.14 -1.77 0.00	53.78 -2.92 0.00	41.65 -1.40 0.00	34.03 -0.15 0.00	28.61 0.19 0.00	28.66 0.15 0.00	27.55 0.23 0.00	28.83 0.51 0.00	33.16 0.15 0.00	39.52 -0.18 0.00	36.62 -0.51 0.00	40.79 -0.64 0.00	37.79 -0.42 0.00	35.03 -0.89 0.00	28.64 -1.01 0.00	26.84 -0.95 0.00	26.91 -0.96 0.00	25.42 -0.71 0.00
HUNTLEY___65 23559	28.01 -1.20 0.00	26.83 -1.08 0.00	27.04 -1.05 0.00	28.65 -1.15 0.00	26.50 -1.06 0.00	47.97 -1.66 0.00	33.14 -1.77 0.00	53.78 -2.92 0.00	41.65 -1.40 0.00	34.03 -0.15 0.00	28.61 0.19 0.00	28.66 0.15 0.00	27.55 0.23 0.00	28.83 0.51 0.00	33.16 0.15 0.00	39.52 -0.18 0.00	36.62 -0.51 0.00	40.79 -0.64 0.00	37.79 -0.42 0.00	35.03 -0.89 0.00	28.64 -1.01 0.00	26.84 -0.95 0.00	26.91 -0.96 0.00	25.42 -0.71 0.00
HUNTLEY___66 23560	28.01 -1.20 0.00	26.83 -1.08 0.00	27.04 -1.05 0.00	28.65 -1.15 0.00	26.50 -1.06 0.00	47.97 -1.66 0.00	33.14 -1.77 0.00	53.78 -2.92 0.00	41.65 -1.40 0.00	34.03 -0.15 0.00	28.61 0.19 0.00	28.66 0.15 0.00	27.55 0.23 0.00	28.83 0.51 0.00	33.16 0.15 0.00	39.52 -0.18 0.00	36.62 -0.51 0.00	40.79 -0.64 0.00	37.79 -0.42 0.00	35.03 -0.89 0.00	28.64 -1.01 0.00	26.84 -0.95 0.00	26.91 -0.96 0.00	25.42 -0.71 0.00



HUNTLEY___67 23561	27.88 -1.33 0.00	26.72 -1.19 0.00	26.94 -1.15 0.00	28.56 -1.23 0.00	26.41 -1.14 0.00	47.82 -1.82 0.00	33.01 -1.90 0.00	53.58 -3.11 0.00	41.48 -1.59 0.00	33.87 -0.31 0.00	28.47 0.05 0.00	28.53 0.02 0.00	27.44 0.11 0.00	28.72 0.40 0.00	33.04 0.03 0.00	39.38 -0.33 0.00	36.48 -0.64 0.00	40.64 -0.80 0.00	37.64 -0.57 0.00	34.92 -1.00 0.00	28.54 -1.11 0.00	26.76 -1.03 0.00	26.80 -1.07 0.00	25.29 -0.85 0.00
HUNTLEY___68 23562	27.88 -1.33 0.00	26.72 -1.19 0.00	26.94 -1.15 0.00	28.56 -1.23 0.00	26.41 -1.14 0.00	47.82 -1.82 0.00	33.01 -1.90 0.00	53.58 -3.11 0.00	41.48 -1.59 0.00	33.87 -0.31 0.00	28.47 0.05 0.00	28.53 0.02 0.00	27.44 0.11 0.00	28.72 0.40 0.00	33.04 0.03 0.00	39.38 -0.33 0.00	36.48 -0.64 0.00	40.64 -0.80 0.00	37.64 -0.57 0.00	34.92 -1.00 0.00	28.54 -1.11 0.00	26.76 -1.03 0.00	26.80 -1.07 0.00	25.29 -0.85 0.00
HYLAND___LFGE 323620	29.65 0.45 0.00	28.31 0.39 0.00	28.53 0.44 0.00	30.03 0.49 0.25	27.92 0.55 0.17	50.89 1.47 0.21	35.66 0.84 0.09	57.58 1.51 0.63	43.03 1.45 1.48	35.67 1.85 0.36	29.31 1.56 0.66	29.85 1.48 0.14	28.56 1.50 0.26	29.52 1.67 0.46	34.25 1.54 0.31	41.18 1.75 0.27	37.97 1.55 0.70	42.98 1.98 0.43	39.94 2.01 0.28	37.44 1.52 0.00	30.51 0.95 0.08	28.01 0.71 0.49	28.43 0.56 0.00	26.71 0.57 0.00
INDECK___CORINTH 23802	30.17 0.96 0.00	28.85 0.94 0.00	29.03 0.94 0.00	30.82 1.02 0.00	28.52 0.96 0.00	51.31 1.68 0.00	36.27 1.37 0.00	58.86 2.16 0.00	44.34 1.27 0.00	34.71 0.53 0.00	28.82 0.40 0.00	28.75 0.24 0.00	27.61 0.29 0.00	28.59 0.28 0.00	33.75 0.74 0.00	40.74 1.04 0.00	38.42 1.29 0.00	42.95 1.52 0.00	39.47 1.26 0.00	37.26 1.34 0.00	30.76 1.11 0.00	28.80 1.02 0.00	29.01 1.13 0.00	27.00 0.87 0.00
INDECK___ILION 23567	29.31 0.10 0.00	28.00 0.08 0.00	28.20 0.11 0.00	29.92 0.12 0.00	27.69 0.13 0.00	49.90 0.26 0.00	35.27 0.37 0.00	57.28 0.58 0.00	43.07 0.01 0.00	33.88 -0.30 0.00	28.20 -0.22 0.00	28.24 -0.27 0.00	27.02 -0.30 0.00	27.94 -0.37 0.00	32.72 -0.29 0.00	39.54 -0.16 0.00	37.10 -0.02 0.00	41.51 0.08 0.00	38.20 -0.01 0.00	35.93 0.02 0.00	29.72 0.07 0.00	27.88 0.09 0.00	27.93 0.06 0.00	26.16 0.03 0.00
INDECK___OLEAN 23982	29.41 0.20 0.00	28.10 0.19 0.00	28.38 0.28 0.00	27.94 0.43 2.29	26.42 0.44 1.58	48.49 0.76 1.91	33.78 -0.32 0.80	50.51 -0.52 5.66	29.98 0.33 13.42	32.31 1.35 3.22	23.84 1.43 6.00	28.95 1.71 1.27	26.67 1.69 2.34	26.15 2.01 4.17	32.12 1.94 2.84	39.11 2.00 2.59	31.55 1.11 6.68	38.42 1.08 4.08	36.64 1.11 2.68	36.82 0.91 0.00	29.38 0.53 0.79	23.83 0.67 4.63	28.52 0.65 0.00	26.88 0.75 0.00
INDECK___OSWEGO 23783	28.30 -0.91 0.00	27.03 -0.89 0.00	27.20 -0.89 0.00	28.83 -0.97 0.00	26.70 -0.86 0.00	48.19 -1.45 0.00	33.92 -0.99 0.00	55.20 -1.50 0.00	41.90 -1.16 0.00	33.30 -0.88 0.00	27.68 -0.73 0.00	27.76 -0.75 0.00	26.59 -0.73 0.00	27.58 -0.74 0.00	32.14 -0.87 0.00	38.69 -1.01 0.00	36.22 -0.90 0.00	40.54 -0.89 0.00	37.37 -0.84 0.00	35.04 -0.88 0.00	28.88 -0.76 0.00	27.04 -0.75 0.00	27.12 -0.76 0.00	25.45 -0.69 0.00
INDECK___YERKES 23781	28.06 -1.15 0.00	26.85 -1.06 0.00	27.06 -1.03 0.00	27.17 -1.12 1.50	25.48 -1.04 1.04	46.75 -1.63 1.25	32.64 -1.73 0.52	50.12 -2.86 3.72	32.88 -1.36 8.82	31.94 -0.12 2.11	24.65 0.18 3.95	27.85 0.17 0.83	26.04 0.25 1.54	26.11 0.54 2.74	31.32 0.17 1.86	37.87 -0.14 1.70	32.27 -0.48 4.37	38.16 -0.60 2.67	36.05 -0.40 1.75	35.06 -0.86 0.00	28.15 -0.97 0.52	23.83 -0.93 3.03	26.93 -0.94 0.00	25.45 -0.69 0.00
INDIAN POINT_GT_1 24139	30.30 1.10 0.00	28.93 1.02 0.00	29.01 0.92 0.00	30.82 1.02 0.00	28.55 1.00 0.00	51.22 1.58 0.00	36.17 1.26 0.00	58.75 2.05 0.00	44.73 1.67 0.00	35.64 1.46 0.00	29.80 1.39 0.00	29.94 1.43 0.00	28.67 1.34 0.00	29.60 1.29 0.00	34.60 1.59 0.00	41.60 1.90 0.00	38.91 1.79 0.00	43.53 2.10 0.00	40.11 1.90 0.00	37.83 1.91 0.00	31.20 1.56 0.00	29.32 1.53 0.00	29.38 1.51 0.00	27.65 1.52 0.00
INDIAN POINT_GT_2 23659	30.30 1.10 0.00	28.93 1.02 0.00	29.01 0.92 0.00	30.82 1.02 0.00	28.55 1.00 0.00	51.22 1.58 0.00	36.17 1.26 0.00	58.75 2.05 0.00	44.73 1.67 0.00	35.64 1.46 0.00	29.80 1.39 0.00	29.94 1.43 0.00	28.67 1.34 0.00	29.60 1.29 0.00	34.60 1.59 0.00	41.60 1.90 0.00	38.91 1.79 0.00	43.53 2.10 0.00	40.11 1.90 0.00	37.83 1.91 0.00	31.20 1.56 0.00	29.32 1.53 0.00	29.38 1.51 0.00	27.65 1.52 0.00
INDIAN POINT_GT_3 24019	30.30 1.10 0.00	28.93 1.02 0.00	29.01 0.92 0.00	30.82 1.02 0.00	28.55 1.00 0.00	51.22 1.58 0.00	36.17 1.26 0.00	58.75 2.05 0.00	44.73 1.67 0.00	35.64 1.46 0.00	29.80 1.39 0.00	29.94 1.43 0.00	28.67 1.34 0.00	29.60 1.29 0.00	34.60 1.59 0.00	41.60 1.90 0.00	38.91 1.79 0.00	43.53 2.10 0.00	40.11 1.90 0.00	37.83 1.91 0.00	31.20 1.56 0.00	29.32 1.53 0.00	29.38 1.51 0.00	27.65 1.52 0.00
INDIAN POINT___2 23530	30.27 1.06 0.00	28.90 0.98 0.00	28.99 0.90 0.00	30.79 0.99 0.00	28.53 0.98 0.00	51.19 1.56 0.00	36.13 1.23 0.00	58.72 2.02 0.00	44.69 1.63 0.00	35.62 1.44 0.00	29.79 1.37 0.00	29.92 1.41 0.00	28.65 1.33 0.00	29.58 1.26 0.00	34.57 1.56 0.00	41.57 1.87 0.00	38.88 1.76 0.00	43.49 2.05 0.00	40.08 1.87 0.00	37.80 1.88 0.00	31.18 1.53 0.00	29.29 1.51 0.00	29.36 1.49 0.00	27.64 1.51 0.00
INDIAN POINT___3 23531	30.27 1.07 0.00	28.90 0.98 0.00	28.99 0.90 0.00	30.79 1.00 0.00	28.53 0.98 0.00	51.19 1.56 0.00	36.13 1.23 0.00	58.72 2.02 0.00	44.70 1.64 0.00	35.61 1.43 0.00	29.77 1.35 0.00	29.91 1.40 0.00	28.64 1.32 0.00	29.57 1.26 0.00	34.56 1.55 0.00	41.55 1.85 0.00	38.86 1.74 0.00	43.47 2.04 0.00	40.06 1.85 0.00	37.78 1.87 0.00	31.16 1.52 0.00	29.29 1.50 0.00	29.35 1.48 0.00	27.62 1.48 0.00
INGHAM_C_115KV_TB7 356103	29.21 0.01 0.00	27.87 -0.04 0.00	28.10 0.01 0.00	29.83 0.03 0.00	27.62 0.06 0.00	49.80 0.17 0.00	35.37 0.47 0.00	57.44 0.74 0.00	42.68 -0.38 0.00	33.17 -1.01 0.00	27.64 -0.78 0.00	27.60 -0.92 0.00	26.37 -0.95 0.00	27.24 -1.07 0.00	32.09 -0.93 0.00	39.02 -0.68 0.00	36.73 -0.40 0.00	41.21 -0.23 0.00	37.83 -0.38 0.00	35.64 -0.28 0.00	29.56 -0.08 0.00	27.77 -0.02 0.00	27.81 -0.06 0.00	25.99 -0.14 0.00
IP CORINTH___1 23988	30.33 1.13 0.00	29.01 1.09 0.00	29.18 1.09 0.00	30.98 1.18 0.00	28.67 1.11 0.00	51.58 1.95 0.00	36.47 1.57 0.00	59.18 2.48 0.00	44.58 1.52 0.00	34.90 0.72 0.00	28.97 0.56 0.00	28.90 0.39 0.00	27.76 0.43 0.00	28.76 0.44 0.00	33.93 0.91 0.00	40.96 1.26 0.00	38.64 1.51 0.00	43.19 1.76 0.00	39.69 1.48 0.00	37.46 1.55 0.00	30.92 1.28 0.00	28.95 1.17 0.00	29.16 1.29 0.00	27.14 1.01 0.00

IP___TICONDEROGA 23804	31.75 2.54 0.00	30.46 2.54 0.00	30.63 2.54 0.00	32.55 2.76 0.00	30.09 2.54 0.00	53.99 4.36 0.00	38.30 3.39 0.00	61.85 5.15 0.00	46.46 3.40 0.00	35.94 1.76 0.00	29.99 1.57 0.00	29.89 1.38 0.00	28.81 1.49 0.00	29.89 1.57 0.00	35.68 2.66 0.00	43.03 3.32 0.00	40.92 3.79 0.00	45.83 4.39 0.00	41.93 3.72 0.00	39.73 3.81 0.00	32.69 3.05 0.00	30.47 2.68 0.00	30.91 3.04 0.00	28.40 2.26 0.00
ISLIP_RES_REC 323679	31.12 1.92 0.00	32.43 2.02 -2.49	29.65 1.56 0.00	31.75 1.96 0.00	29.56 2.00 0.00	52.50 2.87 0.00	36.95 2.05 0.00	60.35 3.65 0.00	45.78 2.72 0.00	35.79 1.61 0.00	31.12 1.49 -1.21	31.16 1.29 -1.36	29.52 1.23 -0.97	30.02 1.70 0.00	36.39 2.61 -0.77	42.59 2.88 0.00	39.78 2.66 0.00	45.87 3.40 -1.04	46.17 3.25 -4.71	38.95 3.04 0.00	32.08 2.44 0.00	30.36 2.57 0.00	30.52 2.52 -0.12	28.42 2.28 0.00
JAMAICA__27_KV_LOAD 355505	30.53 1.32 0.00	29.11 1.19 0.00	29.20 1.11 0.00	31.07 1.28 0.00	28.81 1.25 0.00	51.51 1.87 0.00	36.34 1.44 0.00	59.03 2.33 0.00	45.03 1.97 0.00	35.86 1.68 0.00	30.14 1.72 0.00	30.31 1.79 0.00	29.01 1.69 0.00	29.89 1.57 0.00	34.97 1.96 0.00	42.08 2.37 0.00	39.40 2.27 0.00	43.96 2.53 0.00	40.49 2.28 0.00	38.20 2.28 0.00	31.50 1.86 0.00	29.59 1.80 0.00	29.74 1.87 0.00	28.02 1.88 0.00
JANIS___SOLAR 323808	30.37 1.17 0.00	28.98 1.07 0.00	29.22 1.13 0.00	31.40 1.22 -0.38	28.97 1.16 -0.26	52.44 2.49 -0.32	36.92 1.89 -0.13	60.86 3.21 -0.95	47.62 2.30 -2.26	36.41 1.69 -0.54	30.59 1.16 -1.01	29.59 0.87 -0.21	28.39 0.68 -0.39	29.76 0.74 -0.70	34.39 0.90 -0.48	41.54 1.41 -0.43	39.74 1.51 -1.11	44.06 1.95 -0.68	40.43 1.77 -0.45	37.43 1.52 0.00	30.91 1.13 -0.13	29.51 0.96 -0.77	28.80 0.92 0.00	26.99 0.85 0.00
JARVIS____ 23743	29.27 0.06 0.00	27.99 0.07 0.00	28.17 0.08 0.00	29.89 0.09 0.00	27.64 0.08 0.00	49.78 0.15 0.00	35.06 0.16 0.00	56.95 0.25 0.00	43.16 0.10 0.00	34.20 0.02 0.00	28.44 0.03 0.00	28.54 0.03 0.00	27.33 0.01 0.00	28.29 -0.03 0.00	33.01 0.00 0.00	39.73 0.03 0.00	37.17 0.05 0.00	41.52 0.08 0.00	38.27 0.06 0.00	35.98 0.06 0.00	29.70 0.06 0.00	27.84 0.05 0.00	27.93 0.05 0.00	26.18 0.04 0.00
JENNISON___1 23625	30.56 1.35 0.00	29.17 1.26 0.00	29.40 1.31 0.00	31.21 1.42 0.00	28.86 1.30 0.00	52.40 2.77 0.00	36.89 1.99 0.00	60.09 3.39 0.00	45.52 2.46 0.00	36.25 2.07 0.00	30.11 1.69 0.00	30.11 1.60 0.00	28.57 1.25 0.00	29.47 1.16 0.00	34.26 1.25 0.00	41.05 1.35 0.00	38.09 0.96 0.00	42.61 1.17 0.00	39.19 0.97 0.00	36.75 0.83 0.00	30.29 0.64 0.00	28.27 0.48 0.00	28.36 0.49 0.00	26.61 0.47 0.00
JENNISON___2 23626	30.56 1.35 0.00	29.17 1.26 0.00	29.40 1.31 0.00	31.21 1.42 0.00	28.86 1.30 0.00	52.40 2.77 0.00	36.89 1.99 0.00	60.09 3.39 0.00	45.52 2.46 0.00	36.25 2.07 0.00	30.11 1.69 0.00	30.11 1.60 0.00	28.57 1.25 0.00	29.47 1.16 0.00	34.26 1.25 0.00	41.05 1.35 0.00	38.09 0.96 0.00	42.61 1.17 0.00	39.19 0.97 0.00	36.75 0.83 0.00	30.29 0.64 0.00	28.27 0.48 0.00	28.36 0.49 0.00	26.61 0.47 0.00
JERICHO_RISE_WT_PWR 323719	30.35 1.14 0.00	28.99 1.08 0.00	29.16 1.07 0.00	30.92 1.13 0.00	28.55 0.99 0.00	51.40 1.76 0.00	36.01 1.11 0.00	58.42 1.72 0.00	44.64 1.58 0.00	35.29 1.11 0.00	29.21 0.79 0.00	29.21 0.70 0.00	27.90 0.58 0.00	28.90 0.58 0.00	33.38 0.37 0.00	39.97 0.27 0.00	36.88 -0.24 0.00	-9.01 -1.03 49.41	-25.56 -0.86 62.92	35.27 -0.65 0.00	29.27 -0.38 0.00	27.62 -0.16 0.00	27.74 -0.14 0.00	25.51 -0.63 0.00
KATONAH___115KV_46KV_TB4 355592	30.49 1.29 0.00	29.11 1.20 0.00	29.20 1.11 0.00	31.01 1.21 0.00	28.74 1.19 0.00	51.58 1.95 0.00	36.42 1.51 0.00	59.21 2.51 0.00	45.07 2.01 0.00	35.91 1.73 0.00	30.06 1.64 0.00	30.16 1.65 0.00	28.89 1.57 0.00	29.82 1.50 0.00	34.86 1.85 0.00	41.90 2.20 0.00	39.21 2.09 0.00	43.90 2.47 0.00	40.47 2.26 0.00	38.15 2.23 0.00	31.44 1.80 0.00	29.54 1.76 0.00	29.60 1.72 0.00	27.83 1.70 0.00
KCE_NY_1 323755	30.41 1.20 0.00	29.06 1.14 0.00	29.25 1.16 0.00	31.04 1.25 0.00	28.73 1.17 0.00	51.75 2.12 0.00	36.54 1.64 0.00	59.34 2.64 0.00	44.73 1.67 0.00	35.05 0.87 0.00	29.09 0.68 0.00	29.12 0.61 0.00	27.94 0.62 0.00	28.96 0.64 0.00	34.09 1.08 0.00	41.13 1.43 0.00	38.73 1.61 0.00	43.23 1.80 0.00	39.79 1.57 0.00	37.53 1.62 0.00	30.99 1.35 0.00	29.07 1.29 0.00	29.16 1.28 0.00	27.23 1.09 0.00
KCE_NY_6_ESR 323823	28.41 -0.79 0.00	27.22 -0.70 0.00	27.45 -0.64 0.00	27.47 -0.67 1.65	25.80 -0.62 1.14	47.43 -0.83 1.38	33.14 -1.18 0.58	50.70 -1.90 4.09	32.70 -0.66 9.70	32.28 0.42 2.32	24.70 0.63 4.34	28.23 0.63 0.92	26.34 0.70 1.69	26.30 1.00 3.02	31.66 0.69 2.05	38.36 0.52 1.87	32.46 0.15 4.82	38.57 0.08 2.95	36.49 0.22 1.93	35.64 -0.27 0.00	28.57 -0.50 0.57	23.97 -0.48 3.33	27.32 -0.55 0.00	25.75 -0.39 0.00
KEDC_PORT_JEFF_GT2 24210	31.03 1.82 0.00	32.33 1.92 -2.49	29.57 1.48 0.00	31.65 1.85 0.00	29.46 1.90 0.00	52.28 2.65 0.00	36.79 1.89 0.00	60.03 3.33 0.00	45.55 2.49 0.00	35.64 1.46 0.00	29.78 1.37 0.00	29.69 1.18 0.00	28.45 1.13 0.00	29.91 1.59 0.00	36.24 2.46 -0.77	42.30 2.60 0.00	39.47 2.35 0.00	45.50 3.03 -1.04	45.87 2.97 -4.69	38.77 2.85 0.00	31.92 2.28 0.00	30.22 2.43 0.00	30.38 2.38 -0.12	28.31 2.17 0.00
KEDC_PORT_JEFF_GT3 24211	31.03 1.82 0.00	32.33 1.92 -2.49	29.57 1.48 0.00	31.65 1.85 0.00	29.46 1.90 0.00	52.28 2.65 0.00	36.79 1.89 0.00	60.03 3.33 0.00	45.55 2.49 0.00	35.64 1.46 0.00	29.78 1.37 0.00	29.69 1.18 0.00	28.45 1.13 0.00	29.91 1.59 0.00	36.24 2.46 -0.77	42.30 2.60 0.00	39.47 2.35 0.00	45.50 3.03 -1.04	45.87 2.97 -4.69	38.77 2.85 0.00	31.92 2.28 0.00	30.22 2.43 0.00	30.38 2.38 -0.12	28.31 2.17 0.00
KEDC_GLWD_GT4 24219	30.80 1.60 0.00	31.94 1.53 -2.49	29.43 1.33 0.00	31.31 1.52 0.00	29.06 1.50 0.00	51.89 2.25 0.00	36.63 1.73 0.00	59.61 2.91 0.00	45.34 2.28 0.00	36.00 1.82 0.00	30.10 1.68 0.00	30.16 1.65 0.00	28.89 1.57 0.00	30.02 1.71 0.00	36.41 2.26 -1.14	42.23 2.52 0.00	39.48 2.36 0.00	45.56 2.77 -1.36	46.92 2.57 -6.13	38.40 2.48 0.00	31.65 2.01 0.00	29.83 2.04 0.00	30.01 1.99 -0.15	28.04 1.90 0.00
KEDC_GLWD_GT5 24220	30.80 1.60 0.00	31.94 1.53 -2.49	29.43 1.33 0.00	31.31 1.52 0.00	29.06 1.50 0.00	51.89 2.25 0.00	36.63 1.73 0.00	59.61 2.91 0.00	45.34 2.28 0.00	36.00 1.82 0.00	30.10 1.68 0.00	30.16 1.65 0.00	28.89 1.57 0.00	30.02 1.71 0.00	36.41 2.26 -1.14	42.23 2.52 0.00	39.48 2.36 0.00	45.56 2.77 -1.36	46.92 2.57 -6.13	38.40 2.48 0.00	31.65 2.01 0.00	29.83 2.04 0.00	30.01 1.99 -0.15	28.04 1.90 0.00

KENSICO____ 23655	30.39 1.18 0.00	29.00 1.09 0.00	29.09 1.00 0.00	30.90 1.11 0.00	28.63 1.07 0.00	51.33 1.70 0.00	36.24 1.34 0.00	58.90 2.20 0.00	44.85 1.79 0.00	35.74 1.56 0.00	29.89 1.48 0.00	30.03 1.52 0.00	28.75 1.43 0.00	29.69 1.38 0.00	34.70 1.69 0.00	41.71 2.01 0.00	39.01 1.89 0.00	43.63 2.20 0.00	40.21 2.00 0.00	37.91 2.00 0.00	31.27 1.63 0.00	29.38 1.60 0.00	29.46 1.58 0.00	27.72 1.59 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.65 1.44 0.00	29.26 1.34 0.00	29.37 1.28 0.00	31.20 1.40 0.00	28.89 1.34 0.00	51.96 2.32 0.00	36.71 1.81 0.00	59.68 2.98 0.00	45.40 2.34 0.00	36.11 1.93 0.00	30.02 1.61 0.00	30.06 1.56 0.00	28.75 1.43 0.00	29.73 1.41 0.00	34.74 1.73 0.00	41.92 2.21 0.00	39.32 2.20 0.00	44.06 2.63 0.00	40.66 2.45 0.00	38.29 2.38 0.00	31.58 1.94 0.00	29.64 1.86 0.00	29.68 1.81 0.00	27.90 1.76 0.00
KIAC_JFK_GT1 23816	30.36 1.15 0.00	28.94 1.03 0.00	29.03 0.94 0.00	30.90 1.11 0.00	28.65 1.09 0.00	51.12 1.49 0.00	35.97 1.07 0.00	58.43 1.73 0.00	44.57 1.51 0.00	35.49 1.31 0.00	29.95 1.53 0.00	30.12 1.61 0.00	28.84 1.52 0.00	29.71 1.40 0.00	34.77 1.76 0.00	41.79 2.08 0.00	39.12 2.00 0.00	43.50 2.07 0.00	40.07 1.86 0.00	37.81 1.89 0.00	31.18 1.54 0.00	29.30 1.51 0.00	29.55 1.68 0.00	27.86 1.72 0.00
KIAC_JFK_GT2 23817	30.36 1.15 0.00	28.94 1.03 0.00	29.03 0.94 0.00	30.90 1.11 0.00	28.65 1.09 0.00	51.12 1.49 0.00	35.97 1.07 0.00	58.43 1.73 0.00	44.57 1.51 0.00	35.49 1.31 0.00	29.95 1.53 0.00	30.12 1.61 0.00	28.84 1.52 0.00	29.71 1.40 0.00	34.77 1.76 0.00	41.79 2.08 0.00	39.12 2.00 0.00	43.50 2.07 0.00	40.07 1.86 0.00	37.81 1.89 0.00	31.18 1.54 0.00	29.30 1.51 0.00	29.55 1.68 0.00	27.86 1.72 0.00
KIAC_JFK____ 323774	30.35 1.15 0.00	28.94 1.03 0.00	29.03 0.94 0.00	30.90 1.10 0.00	28.65 1.10 0.00	51.12 1.49 0.00	35.97 1.07 0.00	58.43 1.73 0.00	44.57 1.50 0.00	35.49 1.31 0.00	29.95 1.53 0.00	30.12 1.61 0.00	28.84 1.52 0.00	29.71 1.40 0.00	34.77 1.76 0.00	41.79 2.08 0.00	39.12 2.00 0.00	43.51 2.07 0.00	40.07 1.86 0.00	37.81 1.89 0.00	31.18 1.53 0.00	29.30 1.51 0.00	29.55 1.67 0.00	27.86 1.72 0.00
KINTIGH____ 23543	27.66 -1.55 0.00	26.49 -1.43 0.00	26.69 -1.41 0.00	28.28 -1.51 0.00	26.16 -1.39 0.00	47.30 -2.33 0.00	32.74 -2.16 0.00	53.16 -3.54 0.00	40.99 -2.07 0.00	33.35 -0.83 0.00	27.98 -0.44 0.00	28.06 -0.45 0.00	26.96 -0.37 0.00	28.19 -0.13 0.00	32.52 -0.50 0.00	38.80 -0.90 0.00	35.99 -1.14 0.00	40.10 -1.33 0.00	37.13 -1.08 0.00	34.55 -1.37 0.00	28.28 -1.36 0.00	26.51 -1.27 0.00	26.58 -1.29 0.00	25.06 -1.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.65 1.44 0.00	29.28 1.37 0.00	29.45 1.36 0.00	31.25 1.45 0.00	28.85 1.30 0.00	51.90 2.26 0.00	36.39 1.48 0.00	58.89 2.19 0.00	45.18 2.12 0.00	35.72 1.54 0.00	29.53 1.11 0.00	29.51 1.00 0.00	28.20 0.88 0.00	29.22 0.90 0.00	33.83 0.82 0.00	40.55 0.84 0.00	37.49 0.36 0.00	-5.83 -0.50 46.76	-21.60 -0.27 59.55	35.87 -0.04 0.00	29.74 0.10 0.00	28.06 0.27 0.00	28.20 0.32 0.00	25.85 -0.28 0.00
LACHUTE__HYDRO 323717	31.75 2.54 0.00	30.45 2.54 0.00	30.63 2.54 0.00	32.55 2.76 0.00	30.09 2.54 0.00	53.99 4.36 0.00	38.30 3.39 0.00	61.85 5.15 0.00	46.46 3.40 0.00	35.95 1.77 0.00	29.99 1.57 0.00	29.89 1.38 0.00	28.81 1.49 0.00	29.89 1.57 0.00	35.68 2.66 0.00	43.03 3.32 0.00	40.91 3.79 0.00	45.82 4.39 0.00	41.93 3.71 0.00	39.73 3.81 0.00	32.69 3.05 0.00	30.47 2.68 0.00	30.91 3.04 0.00	28.40 2.26 0.00
LAWRNCV_115KV_TB1 80681	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.14 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.70 0.69 0.00	40.45 0.74 0.00	37.86 0.73 0.00	48.55 0.71 -6.41	47.12 0.75 -8.16	36.54 0.63 0.00	30.16 0.52 0.00	28.22 0.44 0.00	28.32 0.45 0.00	26.30 0.17 0.00
LEDERLE____ 23769	30.39 1.18 0.00	29.01 1.09 0.00	29.10 1.01 0.00	30.91 1.12 0.00	28.64 1.09 0.00	51.43 1.80 0.00	36.33 1.43 0.00	59.03 2.33 0.00	44.94 1.88 0.00	35.82 1.64 0.00	29.92 1.51 0.00	30.08 1.57 0.00	28.78 1.46 0.00	29.75 1.43 0.00	34.77 1.76 0.00	41.79 2.09 0.00	39.07 1.95 0.00	43.71 2.28 0.00	40.29 2.08 0.00	37.99 2.08 0.00	31.33 1.69 0.00	29.43 1.65 0.00	29.48 1.60 0.00	27.75 1.61 0.00
LIGHTHSE_115KV_TB6 355974	29.28 0.07 0.00	27.94 0.03 0.00	28.07 -0.02 0.00	29.84 0.04 0.00	27.64 0.08 0.00	49.99 0.36 0.00	35.21 0.31 0.00	57.34 0.64 0.00	43.25 0.19 0.00	34.20 0.02 0.00	28.37 -0.05 0.00	28.39 -0.12 0.00	27.08 -0.24 0.00	28.04 -0.28 0.00	32.70 -0.31 0.00	39.50 -0.20 0.00	37.06 -0.06 0.00	42.63 0.26 -0.94	39.59 0.18 -1.20	35.83 -0.08 0.00	29.56 -0.08 0.00	27.62 -0.16 0.00	27.67 -0.20 0.00	25.92 -0.21 0.00
LINDEN COGEN____ 23786	30.48 1.27 0.00	29.08 1.17 0.00	29.14 1.05 0.00	30.94 1.14 0.00	28.68 1.12 0.00	51.38 1.75 0.00	36.28 1.38 0.00	58.93 2.23 0.00	44.94 1.88 0.00	35.89 1.71 0.00	30.09 1.67 0.00	30.23 1.72 0.00	28.93 1.61 0.00	29.81 1.50 0.00	34.85 1.84 0.00	41.91 2.20 0.00	39.20 2.07 0.00	43.81 2.38 0.00	40.37 2.16 0.00	38.10 2.18 0.00	31.41 1.77 0.00	29.52 1.73 0.00	29.59 1.72 0.00	27.90 1.76 0.00
LINDHRST_69_KV_BK1 356055	31.19 1.98 0.00	32.39 1.98 -2.49	29.71 1.62 0.00	31.71 1.92 0.00	29.49 1.94 0.00	52.41 2.77 0.00	36.98 2.07 0.00	60.30 3.60 0.00	45.79 2.73 0.00	36.07 1.89 0.00	30.11 1.69 0.00	30.07 1.56 0.00	28.80 1.47 0.00	30.18 1.86 0.00	36.49 2.65 -0.83	42.58 2.87 0.00	39.85 2.72 0.00	45.83 3.30 -1.10	46.31 3.14 -4.95	38.86 2.95 0.00	32.01 2.37 0.00	30.29 2.50 0.00	30.43 2.43 -0.13	28.37 2.23 0.00
LIPA_MISC_IPP 23656	30.86 1.65 0.00	32.25 1.84 -2.49	29.43 1.33 0.00	31.59 1.80 0.00	29.43 1.88 0.00	52.26 2.63 0.00	36.71 1.81 0.00	59.90 3.20 0.00	45.42 2.36 0.00	35.25 1.07 0.00	24.37 1.05 5.10	23.70 0.88 5.69	24.09 0.84 4.07	29.64 1.33 0.00	36.00 2.22 -0.76	42.23 2.52 0.00	39.38 2.26 0.00	45.59 3.12 -1.04	45.87 2.98 -4.68	38.66 2.75 0.00	31.85 2.21 0.00	30.17 2.39 0.00	30.32 2.33 -0.12	28.24 2.10 0.00
LISF__SOLAR 323691	30.91 1.70 0.00	32.30 1.89 -2.49	29.46 1.37 0.00	31.64 1.84 0.00	29.48 1.93 0.00	52.35 2.72 0.00	36.77 1.87 0.00	60.01 3.32 0.00	45.48 2.42 0.00	35.29 1.11 0.00	22.59 1.08 6.90	21.68 0.88 7.71	22.64 0.84 5.52	29.66 1.34 0.00	36.04 2.27 -0.76	42.30 2.59 0.00	39.46 2.34 0.00	45.69 3.23 -1.04	45.97 3.07 -4.69	38.74 2.83 0.00	31.92 2.27 0.00	30.22 2.44 0.00	30.37 2.38 -0.12	28.29 2.15 0.00

LITTLE FALLS___HYD 24013	29.21 0.01 0.00	27.87 -0.04 0.00	28.10 0.01 0.00	29.83 0.03 0.00	27.62 0.06 0.00	49.80 0.17 0.00	35.37 0.47 0.00	57.44 0.74 0.00	42.68 -0.38 0.00	33.17 -1.01 0.00	27.64 -0.78 0.00	27.60 -0.92 0.00	26.37 -0.95 0.00	27.24 -1.07 0.00	32.09 -0.93 0.00	39.02 -0.68 0.00	36.73 -0.40 0.00	41.21 -0.23 0.00	37.83 -0.38 0.00	35.64 -0.28 0.00	29.56 -0.08 0.00	27.77 -0.02 0.00	27.81 -0.06 0.00	25.99 -0.14 0.00
LITTLRIV_115KV_TB1 356100	32.48 3.27 0.00	30.94 3.03 0.00	31.03 2.94 0.00	32.97 3.17 0.00	30.60 3.05 0.00	55.72 6.08 0.00	39.50 4.60 0.00	64.15 7.45 0.00	47.52 4.46 0.00	36.91 2.73 0.00	31.02 2.60 0.00	31.00 2.50 0.00	28.83 1.51 0.00	29.50 1.18 0.00	33.88 0.87 0.00	40.83 1.13 0.00	38.41 1.29 0.00	49.88 1.41 -7.04	48.57 1.39 -8.96	37.13 1.22 0.00	30.65 1.00 0.00	28.64 0.85 0.00	28.72 0.85 0.00	26.65 0.52 0.00
LI_NEWBRDGE___DRP 323616	30.77 1.57 0.00	31.98 1.57 -2.49	29.35 1.26 0.00	31.30 1.50 0.00	29.09 1.54 0.00	51.70 2.06 0.00	36.48 1.58 0.00	59.45 2.75 0.00	45.11 2.05 0.00	35.62 1.44 0.00	29.77 1.36 0.00	29.76 1.25 0.00	28.51 1.19 0.00	29.82 1.50 0.00	35.93 2.19 -0.73	42.00 2.30 0.00	39.27 2.14 0.00	45.00 2.57 -1.00	45.20 2.46 -4.53	38.25 2.33 0.00	31.52 1.88 0.00	29.80 2.02 0.00	29.92 1.93 -0.12	27.93 1.80 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.72 -1.49 0.00	26.57 -1.35 0.00	26.77 -1.32 0.00	28.36 -1.44 0.00	26.23 -1.33 0.00	47.46 -2.18 0.00	32.78 -2.12 0.00	53.18 -3.52 0.00	41.19 -1.87 0.00	33.64 -0.54 0.00	28.27 -0.15 0.00	28.32 -0.19 0.00	27.22 -0.10 0.00	28.50 0.18 0.00	32.78 -0.23 0.00	39.06 -0.65 0.00	36.22 -0.91 0.00	40.34 -1.09 0.00	37.37 -0.85 0.00	34.64 -1.28 0.00	28.33 -1.32 0.00	26.55 -1.24 0.00	26.63 -1.24 0.00	25.20 -0.94 0.00
LOCKPORT___CC1 323769	27.74 -1.47 0.00	26.57 -1.34 0.00	26.78 -1.31 0.00	27.01 -1.43 1.36	25.31 -1.31 0.94	46.34 -2.16 1.13	32.32 -2.11 0.48	49.84 -3.50 3.37	33.24 -1.85 7.97	31.74 -0.53 1.91	24.68 -0.18 3.57	27.57 -0.19 0.75	25.84 -0.10 1.39	26.03 0.19 2.48	31.10 -0.24 1.68	37.54 -0.63 1.53	32.27 -0.91 3.95	37.93 -1.09 2.41	35.77 -0.85 1.58	34.64 -1.28 0.00	27.87 -1.31 0.47	23.82 -1.23 2.73	26.63 -1.24 0.00	25.18 -0.95 0.00
LOCKPORT___CC2 323770	27.74 -1.47 0.00	26.57 -1.34 0.00	26.78 -1.31 0.00	27.01 -1.43 1.36	25.31 -1.31 0.94	46.34 -2.16 1.13	32.32 -2.11 0.48	49.84 -3.50 3.37	33.24 -1.85 7.97	31.74 -0.53 1.91	24.68 -0.18 3.57	27.57 -0.19 0.75	25.84 -0.10 1.39	26.03 0.19 2.48	31.10 -0.24 1.68	37.54 -0.63 1.53	32.27 -0.91 3.95	37.93 -1.09 2.41	35.77 -0.85 1.58	34.64 -1.28 0.00	27.87 -1.31 0.47	23.82 -1.23 2.73	26.63 -1.24 0.00	25.18 -0.95 0.00
LOCKPORT___CC3 323771	27.74 -1.47 0.00	26.57 -1.34 0.00	26.78 -1.31 0.00	27.01 -1.43 1.36	25.31 -1.31 0.94	46.34 -2.16 1.13	32.32 -2.11 0.48	49.84 -3.50 3.37	33.24 -1.85 7.97	31.74 -0.53 1.91	24.68 -0.18 3.57	27.57 -0.19 0.75	25.84 -0.10 1.39	26.03 0.19 2.48	31.10 -0.24 1.68	37.54 -0.63 1.53	32.27 -0.91 3.95	37.93 -1.09 2.41	35.77 -0.85 1.58	34.64 -1.28 0.00	27.87 -1.31 0.47	23.82 -1.23 2.73	26.63 -1.24 0.00	25.18 -0.95 0.00
LONG_LAKE_PHOENIX 24014	28.35 -0.86 0.00	27.06 -0.85 0.00	27.24 -0.85 0.00	28.88 -0.92 0.00	26.75 -0.81 0.00	48.27 -1.36 0.00	33.98 -0.92 0.00	55.29 -1.41 0.00	42.00 -1.07 0.00	33.38 -0.80 0.00	27.75 -0.67 0.00	27.76 -0.75 0.00	26.62 -0.71 0.00	27.61 -0.71 0.00	32.18 -0.83 0.00	38.76 -0.95 0.00	36.29 -0.83 0.00	40.62 -0.81 0.00	37.45 -0.76 0.00	35.13 -0.78 0.00	28.95 -0.70 0.00	27.09 -0.69 0.00	27.16 -0.71 0.00	25.50 -0.64 0.00
LOVETT___3 23632	30.23 1.02 0.00	28.86 0.95 0.00	28.95 0.86 0.00	30.76 0.96 0.00	28.50 0.94 0.00	51.14 1.51 0.00	36.10 1.19 0.00	58.65 1.95 0.00	44.64 1.58 0.00	35.58 1.39 0.00	29.73 1.32 0.00	29.88 1.37 0.00	28.61 1.28 0.00	29.54 1.23 0.00	34.53 1.52 0.00	41.51 1.81 0.00	38.82 1.69 0.00	43.42 1.99 0.00	40.03 1.81 0.00	37.75 1.83 0.00	31.14 1.49 0.00	29.26 1.47 0.00	29.33 1.45 0.00	27.60 1.47 0.00
LOVETT___4 23642	30.23 1.02 0.00	28.86 0.95 0.00	28.95 0.86 0.00	30.76 0.96 0.00	28.50 0.94 0.00	51.14 1.51 0.00	36.10 1.19 0.00	58.65 1.95 0.00	44.64 1.58 0.00	35.58 1.39 0.00	29.73 1.32 0.00	29.88 1.37 0.00	28.61 1.28 0.00	29.54 1.23 0.00	34.53 1.52 0.00	41.51 1.81 0.00	38.82 1.69 0.00	43.42 1.99 0.00	40.03 1.81 0.00	37.75 1.83 0.00	31.14 1.49 0.00	29.26 1.47 0.00	29.33 1.45 0.00	27.60 1.47 0.00
LOVETT___5 23593	30.23 1.02 0.00	28.86 0.95 0.00	28.95 0.86 0.00	30.76 0.96 0.00	28.50 0.94 0.00	51.14 1.51 0.00	36.10 1.19 0.00	58.65 1.95 0.00	44.64 1.58 0.00	35.58 1.39 0.00	29.73 1.32 0.00	29.88 1.37 0.00	28.61 1.28 0.00	29.54 1.23 0.00	34.53 1.52 0.00	41.51 1.81 0.00	38.82 1.69 0.00	43.42 1.99 0.00	40.03 1.81 0.00	37.75 1.83 0.00	31.14 1.49 0.00	29.26 1.47 0.00	29.33 1.45 0.00	27.60 1.47 0.00
LOWER RAQUET___HYD 24057	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.13 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.72 0.71 0.00	40.51 0.80 0.00	37.93 0.81 0.00	49.88 0.81 -7.63	48.76 0.83 -9.71	36.61 0.70 0.00	30.22 0.58 0.00	28.27 0.49 0.00	28.37 0.50 0.00	26.34 0.20 0.00
LOWER___HUDSON 24059	30.06 0.85 0.00	28.73 0.82 0.00	28.92 0.83 0.00	30.69 0.89 0.00	28.37 0.82 0.00	51.01 1.38 0.00	35.98 1.08 0.00	58.45 1.75 0.00	44.13 1.07 0.00	34.69 0.51 0.00	28.82 0.40 0.00	28.87 0.36 0.00	27.72 0.40 0.00	28.72 0.41 0.00	33.74 0.72 0.00	40.56 0.86 0.00	38.13 1.00 0.00	42.56 1.13 0.00	39.11 0.90 0.00	36.92 1.01 0.00	30.58 0.94 0.00	28.66 0.88 0.00	28.77 0.89 0.00	26.90 0.76 0.00
LOWVILLE_115KV_TB2 356335	30.72 1.51 0.00	29.31 1.39 0.00	29.37 1.28 0.00	31.28 1.48 0.00	29.00 1.44 0.00	52.60 2.96 0.00	37.23 2.32 0.00	60.54 3.84 0.00	45.27 2.21 0.00	35.43 1.25 0.00	29.36 0.94 0.00	29.44 0.93 0.00	27.85 0.53 0.00	28.74 0.42 0.00	33.48 0.47 0.00	40.51 0.81 0.00	38.28 1.16 0.00	45.31 1.68 -2.20	42.49 1.48 -2.80	36.88 0.96 0.00	30.35 0.71 0.00	28.25 0.46 0.00	28.33 0.45 0.00	26.51 0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.41 1.20 0.00	29.07 1.15 0.00	29.26 1.16 0.00	31.05 1.25 0.00	28.72 1.17 0.00	51.74 2.10 0.00	36.52 1.62 0.00	59.29 2.59 0.00	44.70 1.64 0.00	35.07 0.89 0.00	29.11 0.69 0.00	29.13 0.62 0.00	27.94 0.62 0.00	28.97 0.65 0.00	34.08 1.06 0.00	41.13 1.42 0.00	38.72 1.59 0.00	43.24 1.81 0.00	39.78 1.56 0.00	37.51 1.59 0.00	31.00 1.35 0.00	29.04 1.26 0.00	29.15 1.28 0.00	27.23 1.09 0.00

LUTHERNY_35_KV_BK2 355980	30.41 1.20 0.00	29.06 1.14 0.00	29.25 1.16 0.00	31.04 1.25 0.00	28.72 1.17 0.00	51.76 2.12 0.00	36.54 1.64 0.00	59.34 2.64 0.00	44.73 1.67 0.00	35.05 0.87 0.00	29.09 0.67 0.00	29.12 0.61 0.00	27.94 0.62 0.00	28.96 0.65 0.00	34.09 1.07 0.00	41.13 1.43 0.00	38.73 1.61 0.00	43.23 1.80 0.00	39.79 1.58 0.00	37.53 1.62 0.00	31.00 1.35 0.00	29.07 1.29 0.00	29.15 1.28 0.00	27.23 1.09 0.00
LWR___OSWEGATCHIE_HYD 23850	31.31 2.11 0.00	29.84 1.92 0.00	29.91 1.82 0.00	31.81 2.02 0.00	29.50 1.94 0.00	53.57 3.94 0.00	37.92 3.02 0.00	61.66 4.96 0.00	45.96 2.90 0.00	35.87 1.69 0.00	29.93 1.51 0.00	29.99 1.48 0.00	28.21 0.89 0.00	29.02 0.70 0.00	33.55 0.54 0.00	40.44 0.73 0.00	38.07 0.95 0.00	47.86 1.24 -5.20	45.94 1.11 -6.62	36.71 0.79 0.00	30.25 0.61 0.00	28.22 0.44 0.00	28.31 0.44 0.00	26.38 0.24 0.00
LYONS_FALL_HYD 23570	30.40 1.19 0.00	29.02 1.11 0.00	29.13 1.04 0.00	30.99 1.19 0.00	28.72 1.16 0.00	52.01 2.37 0.00	36.77 1.87 0.00	59.78 3.08 0.00	44.89 1.83 0.00	35.25 1.07 0.00	29.22 0.80 0.00	29.29 0.78 0.00	27.83 0.51 0.00	28.76 0.44 0.00	33.53 0.51 0.00	40.54 0.84 0.00	38.21 1.09 0.00	44.39 1.50 -1.45	41.38 1.32 -1.85	36.88 0.97 0.00	30.36 0.72 0.00	28.33 0.54 0.00	28.40 0.53 0.00	26.58 0.44 0.00
MADISON___COUNTY_LFGE 323628	29.93 0.72 0.00	28.60 0.68 0.00	28.83 0.74 0.00	30.63 0.83 0.00	28.37 0.82 0.00	51.32 1.69 0.00	36.23 1.32 0.00	58.89 2.19 0.00	44.47 1.41 0.00	35.04 0.85 0.00	29.01 0.59 0.00	29.06 0.55 0.00	27.79 0.46 0.00	28.77 0.45 0.00	33.54 0.53 0.00	40.55 0.85 0.00	38.17 1.04 0.00	42.80 1.36 0.00	39.46 1.24 0.00	36.98 1.06 0.00	30.44 0.80 0.00	28.47 0.69 0.00	28.52 0.64 0.00	26.71 0.57 0.00
MALONE___115KV_TB1 356076	31.15 1.94 0.00	29.73 1.82 0.00	29.88 1.79 0.00	31.71 1.91 0.00	29.30 1.75 0.00	52.93 3.29 0.00	37.21 2.31 0.00	60.49 3.79 0.00	45.95 2.89 0.00	36.06 1.88 0.00	29.91 1.49 0.00	29.89 1.38 0.00	28.41 1.08 0.00	29.34 1.02 0.00	33.82 0.81 0.00	40.55 0.85 0.00	37.62 0.50 0.00	73.94 0.02 -32.49	79.73 0.14 -41.37	36.13 0.21 0.00	29.92 0.27 0.00	28.16 0.37 0.00	28.25 0.38 0.00	26.04 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	29.84 0.64 0.00	28.52 0.61 0.00	28.70 0.61 0.00	30.46 0.66 0.00	28.17 0.61 0.00	50.65 1.02 0.00	35.73 0.83 0.00	58.07 1.37 0.00	43.89 0.82 0.00	34.57 0.39 0.00	28.71 0.29 0.00	28.78 0.27 0.00	27.64 0.32 0.00	28.61 0.29 0.00	33.56 0.55 0.00	40.41 0.71 0.00	37.94 0.81 0.00	42.37 0.94 0.00	38.96 0.74 0.00	36.73 0.82 0.00	30.40 0.75 0.00	28.49 0.71 0.00	28.58 0.70 0.00	26.76 0.62 0.00
MAPLE_RIDGE_WT_1 323574	29.23 0.02 0.00	28.01 0.09 0.00	28.20 0.11 0.00	29.92 0.13 0.00	27.67 0.11 0.00	49.86 0.22 0.00	35.01 0.11 0.00	56.87 0.17 0.00	43.19 0.13 0.00	34.28 0.09 0.00	28.46 0.05 0.00	28.54 0.04 0.00	27.35 0.03 0.00	28.35 0.03 0.00	33.01 0.00 0.00	39.67 -0.04 0.00	37.04 -0.08 0.00	41.29 -0.14 0.00	38.08 -0.13 0.00	35.68 -0.23 0.00	29.43 -0.22 0.00	27.57 -0.22 0.00	27.67 -0.20 0.00	25.88 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	29.23 0.02 0.00	28.01 0.09 0.00	28.20 0.11 0.00	29.92 0.13 0.00	27.67 0.11 0.00	49.86 0.22 0.00	35.01 0.11 0.00	56.87 0.17 0.00	43.19 0.13 0.00	34.28 0.09 0.00	28.46 0.05 0.00	28.54 0.04 0.00	27.35 0.03 0.00	28.35 0.03 0.00	33.01 0.00 0.00	39.67 -0.04 0.00	37.04 -0.08 0.00	41.29 -0.14 0.00	38.08 -0.13 0.00	35.68 -0.23 0.00	29.43 -0.22 0.00	27.57 -0.22 0.00	27.67 -0.20 0.00	25.88 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	30.25 1.04 0.00	28.90 0.99 0.00	29.07 0.98 0.00	30.84 1.04 0.00	28.47 0.92 0.00	51.24 1.61 0.00	35.91 1.01 0.00	58.20 1.50 0.00	44.53 1.46 0.00	35.22 1.04 0.00	29.16 0.74 0.00	29.17 0.66 0.00	27.87 0.55 0.00	28.86 0.54 0.00	33.39 0.37 0.00	39.98 0.28 0.00	36.89 -0.23 0.00	-5.43 -1.04 45.83	-21.00 -0.84 58.37	35.29 -0.62 0.00	29.29 -0.36 0.00	27.65 -0.14 0.00	27.77 -0.10 0.00	25.54 -0.60 0.00
MARSHVLE_115KV_TB1 80742	31.21 2.00 0.00	29.82 1.91 0.00	30.02 1.93 0.00	31.87 2.07 0.00	29.50 1.95 0.00	53.35 3.71 0.00	37.53 2.62 0.00	60.85 4.15 0.00	45.50 2.44 0.00	35.83 1.65 0.00	29.84 1.42 0.00	29.86 1.35 0.00	28.49 1.16 0.00	29.46 1.14 0.00	34.24 1.22 0.00	41.69 1.99 0.00	39.39 2.27 0.00	44.04 2.61 0.00	40.63 2.42 0.00	38.04 2.13 0.00	31.33 1.69 0.00	29.43 1.65 0.00	29.42 1.54 0.00	27.62 1.48 0.00
MARSH_HILL_WT_PWR 323713	28.70 -0.51 0.00	27.49 -0.43 0.00	27.78 -0.31 0.00	29.34 -0.26 0.20	27.30 -0.12 0.14	49.76 0.29 0.16	34.63 -0.20 0.07	55.99 -0.22 0.49	42.32 0.42 1.16	34.95 1.05 0.28	28.88 0.98 0.52	29.42 1.02 0.11	28.11 0.99 0.20	29.03 1.07 0.36	33.66 0.83 0.18	40.43 0.73 0.00	37.31 0.18 0.00	41.76 0.32 0.00	38.53 0.32 0.00	35.80 -0.12 0.00	29.22 -0.42 0.00	27.28 -0.51 0.00	27.23 -0.65 0.00	25.67 -0.47 0.00
MCINTYRE_115KV_TB2 80467	32.97 3.76 0.00	31.39 3.48 0.00	31.48 3.39 0.00	33.43 3.64 0.00	31.06 3.50 0.00	56.65 7.01 0.00	40.21 5.31 0.00	65.26 8.56 0.00	48.09 5.03 0.00	37.23 3.05 0.00	31.36 2.94 0.00	31.30 2.79 0.00	28.93 1.61 0.00	29.52 1.20 0.00	33.84 0.83 0.00	40.85 1.15 0.00	38.55 1.43 0.00	49.14 1.63 -6.08	47.55 1.59 -7.75	37.34 1.42 0.00	30.80 1.16 0.00	28.79 1.00 0.00	28.86 0.99 0.00	26.78 0.65 0.00
MECO_____69_KV_BK1 80468	31.28 2.07 0.00	29.87 1.96 0.00	30.06 1.97 0.00	31.90 2.10 0.00	29.54 1.99 0.00	53.41 3.78 0.00	37.69 2.79 0.00	61.14 4.44 0.00	45.41 2.35 0.00	35.34 1.16 0.00	29.53 1.11 0.00	29.34 0.83 0.00	27.98 0.66 0.00	28.94 0.62 0.00	33.83 0.82 0.00	41.58 1.88 0.00	39.71 2.59 0.00	44.47 3.04 0.00	41.05 2.84 0.00	38.51 2.59 0.00	31.73 2.08 0.00	29.73 1.95 0.00	29.71 1.83 0.00	27.84 1.70 0.00
MENANDS___115KV_TB5 355628	29.64 0.44 0.00	28.34 0.42 0.00	28.51 0.42 0.00	30.25 0.46 0.00	27.98 0.42 0.00	50.29 0.66 0.00	35.47 0.56 0.00	57.63 0.93 0.00	43.58 0.52 0.00	34.35 0.17 0.00	28.55 0.13 0.00	28.63 0.12 0.00	27.50 0.18 0.00	28.47 0.15 0.00	33.37 0.36 0.00	40.14 0.43 0.00	37.67 0.55 0.00	42.05 0.62 0.00	38.67 0.46 0.00	36.48 0.56 0.00	30.19 0.55 0.00	28.30 0.51 0.00	28.39 0.51 0.00	26.58 0.45 0.00
MG INDUSTRY___DRP 24185	29.68 0.48 0.00	28.38 0.47 0.00	28.58 0.49 0.00	30.31 0.52 0.00	28.02 0.47 0.00	50.39 0.76 0.00	35.52 0.62 0.00	57.65 0.95 0.00	43.52 0.46 0.00	34.33 0.15 0.00	28.52 0.11 0.00	28.61 0.10 0.00	27.47 0.15 0.00	28.43 0.11 0.00	33.29 0.28 0.00	40.17 0.47 0.00	37.71 0.59 0.00	42.12 0.68 0.00	38.75 0.54 0.00	36.51 0.59 0.00	30.19 0.55 0.00	28.31 0.52 0.00	28.40 0.53 0.00	26.62 0.48 0.00

MID___OSWEGATCHIE_HYD 23849	31.31 2.11 0.00	29.84 1.92 0.00	29.91 1.82 0.00	31.81 2.02 0.00	29.50 1.94 0.00	53.57 3.94 0.00	37.92 3.02 0.00	61.66 4.96 0.00	45.96 2.90 0.00	35.87 1.69 0.00	29.93 1.51 0.00	29.99 1.48 0.00	28.21 0.89 0.00	29.02 0.70 0.00	33.55 0.54 0.00	40.44 0.73 0.00	38.07 0.95 0.00	47.86 1.24 -5.20	45.94 1.11 -6.62	36.71 0.79 0.00	30.25 0.61 0.00	28.22 0.44 0.00	28.31 0.44 0.00	26.38 0.24 0.00
MID___RAQUETTE_HYD 23851	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.13 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.72 0.71 0.00	40.51 0.80 0.00	37.93 0.81 0.00	49.88 0.81 -7.63	48.76 0.83 -9.71	36.61 0.70 0.00	30.22 0.58 0.00	28.27 0.49 0.00	28.37 0.50 0.00	26.34 0.20 0.00
MILLIKEN___1 23584	29.51 0.30 0.00	28.18 0.26 0.00	28.36 0.27 0.00	30.10 0.31 0.00	27.86 0.31 0.00	50.44 0.80 0.00	35.53 0.63 0.00	57.87 1.17 0.00	43.94 0.88 0.00	34.89 0.71 0.00	28.92 0.50 0.00	28.96 0.45 0.00	27.73 0.41 0.00	28.81 0.49 0.00	33.64 0.63 0.00	40.52 0.82 0.00	37.90 0.78 0.00	42.38 0.95 0.00	39.08 0.86 0.00	36.61 0.69 0.00	30.14 0.49 0.00	28.20 0.42 0.00	28.26 0.39 0.00	26.50 0.36 0.00
MILLIKEN___2 23585	29.51 0.30 0.00	28.18 0.26 0.00	28.36 0.27 0.00	30.10 0.31 0.00	27.86 0.31 0.00	50.44 0.80 0.00	35.53 0.63 0.00	57.87 1.17 0.00	43.94 0.88 0.00	34.89 0.71 0.00	28.92 0.50 0.00	28.96 0.45 0.00	27.73 0.41 0.00	28.81 0.49 0.00	33.64 0.63 0.00	40.52 0.82 0.00	37.90 0.78 0.00	42.38 0.95 0.00	39.08 0.86 0.00	36.61 0.69 0.00	30.14 0.49 0.00	28.20 0.42 0.00	28.26 0.39 0.00	26.50 0.36 0.00
MILLIKEN___DIESEL 23629	29.51 0.30 0.00	28.18 0.26 0.00	28.36 0.27 0.00	30.10 0.31 0.00	27.86 0.31 0.00	50.44 0.80 0.00	35.53 0.63 0.00	57.87 1.17 0.00	43.94 0.88 0.00	34.89 0.71 0.00	28.92 0.50 0.00	28.96 0.45 0.00	27.73 0.41 0.00	28.81 0.49 0.00	33.64 0.63 0.00	40.52 0.82 0.00	37.90 0.78 0.00	42.38 0.95 0.00	39.08 0.86 0.00	36.61 0.69 0.00	30.14 0.49 0.00	28.20 0.42 0.00	28.26 0.39 0.00	26.50 0.36 0.00
MILLSEAT___LFGE 323607	28.24 -0.97 0.00	27.02 -0.89 0.00	27.23 -0.86 0.00	27.60 -0.95 1.24	25.84 -0.86 0.85	47.35 -1.25 1.03	33.11 -1.36 0.43	51.48 -2.15 3.07	34.87 -0.91 7.27	32.58 0.14 1.74	25.53 0.37 3.25	28.16 0.33 0.69	26.44 0.39 1.27	26.72 0.66 2.26	31.87 0.39 1.53	38.46 0.15 1.39	33.43 -0.10 3.59	39.05 -0.18 2.20	36.73 -0.04 1.44	35.43 -0.49 0.00	28.57 -0.65 0.43	24.64 -0.65 2.49	27.17 -0.70 0.00	25.64 -0.49 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.33 1.12 0.00	28.95 1.04 0.00	29.04 0.95 0.00	30.85 1.05 0.00	28.58 1.02 0.00	51.25 1.62 0.00	36.18 1.28 0.00	58.79 2.10 0.00	44.77 1.71 0.00	35.67 1.49 0.00	29.83 1.41 0.00	29.96 1.45 0.00	28.69 1.37 0.00	29.62 1.30 0.00	34.62 1.61 0.00	41.63 1.92 0.00	38.93 1.81 0.00	43.54 2.11 0.00	40.13 1.92 0.00	37.84 1.92 0.00	31.21 1.57 0.00	29.33 1.54 0.00	29.40 1.53 0.00	27.67 1.53 0.00
MILLWOOD_13_KV_LOAD 356217	30.36 1.16 0.00	28.99 1.07 0.00	29.07 0.98 0.00	30.88 1.09 0.00	28.61 1.06 0.00	51.32 1.69 0.00	36.24 1.34 0.00	58.90 2.20 0.00	44.84 1.78 0.00	35.73 1.55 0.00	29.87 1.46 0.00	30.01 1.50 0.00	28.74 1.42 0.00	29.67 1.36 0.00	34.68 1.67 0.00	41.70 2.00 0.00	39.02 1.90 0.00	43.64 2.21 0.00	40.22 2.00 0.00	37.92 2.01 0.00	31.28 1.64 0.00	29.38 1.60 0.00	29.45 1.58 0.00	27.72 1.58 0.00
MODEL_CITY_ENERGY 24167	27.42 -1.78 0.00	26.28 -1.64 0.00	26.49 -1.60 0.00	26.61 -1.75 1.44	24.94 -1.62 0.99	45.70 -2.74 1.20	31.87 -2.53 0.50	48.92 -4.21 3.56	32.23 -2.39 8.44	31.18 -0.98 2.02	24.11 -0.54 3.77	27.15 -0.56 0.80	25.41 -0.44 1.47	25.51 -0.18 2.62	30.57 -0.66 1.78	36.94 -1.15 1.62	31.57 -1.38 4.18	37.23 -1.64 2.55	35.19 -1.34 1.68	34.18 -1.74 0.00	27.48 -1.67 0.49	23.32 -1.57 2.89	26.33 -1.55 0.00	24.94 -1.20 0.00
MODERN_LFGE___ 323580	27.42 -1.78 0.00	26.28 -1.64 0.00	26.49 -1.60 0.00	26.61 -1.75 1.44	24.94 -1.62 0.99	45.70 -2.74 1.20	31.87 -2.53 0.50	48.92 -4.21 3.56	32.23 -2.39 8.44	31.18 -0.98 2.02	24.11 -0.54 3.77	27.15 -0.56 0.80	25.41 -0.44 1.47	25.51 -0.18 2.62	30.57 -0.66 1.78	36.94 -1.15 1.62	31.57 -1.38 4.18	37.23 -1.64 2.55	35.19 -1.34 1.68	34.18 -1.74 0.00	27.48 -1.67 0.49	23.32 -1.57 2.89	26.33 -1.55 0.00	24.94 -1.20 0.00
MOHAWK_PAPER___DRP 24187	29.84 0.64 0.00	28.52 0.61 0.00	28.70 0.61 0.00	30.46 0.66 0.00	28.17 0.61 0.00	50.65 1.02 0.00	35.73 0.83 0.00	58.07 1.37 0.00	43.89 0.82 0.00	34.57 0.39 0.00	28.71 0.29 0.00	28.78 0.27 0.00	27.64 0.32 0.00	28.61 0.29 0.00	33.56 0.55 0.00	40.41 0.71 0.00	37.94 0.81 0.00	42.37 0.94 0.00	38.96 0.74 0.00	36.73 0.82 0.00	30.40 0.75 0.00	28.49 0.71 0.00	28.58 0.70 0.00	26.76 0.62 0.00
MOHICAN___35_KV_115KV_LD 80490	30.59 1.39 0.00	29.26 1.35 0.00	29.44 1.35 0.00	31.25 1.45 0.00	28.92 1.37 0.00	52.04 2.41 0.00	36.81 1.90 0.00	59.71 3.01 0.00	44.96 1.89 0.00	35.15 0.97 0.00	29.18 0.77 0.00	29.13 0.62 0.00	27.98 0.66 0.00	29.00 0.68 0.00	34.25 1.23 0.00	41.37 1.66 0.00	39.04 1.91 0.00	43.64 2.21 0.00	40.08 1.87 0.00	37.86 1.94 0.00	31.24 1.59 0.00	29.23 1.45 0.00	29.44 1.57 0.00	27.38 1.25 0.00
MONGAUP___HYD 23641	30.55 1.35 0.00	29.15 1.24 0.00	29.26 1.17 0.00	31.07 1.28 0.00	28.77 1.22 0.00	51.74 2.11 0.00	36.58 1.67 0.00	59.46 2.76 0.00	45.13 2.07 0.00	35.77 1.59 0.00	29.60 1.19 0.00	29.56 1.05 0.00	28.28 0.96 0.00	29.25 0.93 0.00	34.27 1.26 0.00	41.52 1.82 0.00	39.11 1.98 0.00	43.93 2.50 0.00	40.56 2.35 0.00	38.20 2.28 0.00	31.50 1.85 0.00	29.56 1.77 0.00	29.58 1.71 0.00	27.80 1.66 0.00
MONTAUK___DIESEL 23721	31.12 1.92 0.00	32.23 1.82 -2.49	29.55 1.46 0.00	31.83 2.03 0.00	29.96 2.40 0.00	53.15 3.52 0.00	37.39 2.49 0.00	60.92 4.23 0.00	46.25 3.19 0.00	35.41 1.23 0.00	24.03 0.74 5.12	23.65 0.87 5.73	24.42 1.19 4.10	30.10 1.78 0.00	36.37 2.59 -0.76	42.84 3.14 0.00	39.66 2.53 0.00	45.76 3.30 -1.04	45.70 2.80 -4.68	38.16 2.25 0.00	31.47 1.82 0.00	29.83 2.04 0.00	29.91 1.92 -0.12	27.79 1.65 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.75 -0.46 0.00	27.65 -0.27 0.00	28.00 -0.09 0.00	29.81 0.02 0.00	27.60 0.04 0.00	50.16 0.52 0.00	34.81 -0.09 0.00	56.82 0.12 0.00	44.00 0.94 0.00	35.95 1.77 0.00	30.14 1.72 0.00	30.24 1.73 0.00	29.06 1.74 0.00	30.38 2.06 0.00	34.98 1.97 0.00	41.67 1.96 0.00	38.52 1.40 0.00	42.93 1.49 0.00	39.71 1.50 0.00	36.83 0.91 0.00	29.92 0.28 0.00	27.94 0.15 0.00	27.95 0.07 0.00	26.26 0.13 0.00

MORRIS_RIDGE___SOLAR 323848	28.41 -0.80 0.00	27.16 -0.76 0.00	27.45 -0.64 0.00	29.19 -0.60 0.00	27.03 -0.52 0.00	49.06 -0.57 0.00	34.13 -0.77 0.00	55.47 -1.23 0.00	42.65 -0.41 0.00	34.57 0.39 0.00	28.88 0.47 0.00	29.02 0.51 0.00	27.85 0.53 0.00	28.98 0.66 0.00	33.44 0.43 0.00	40.03 0.33 0.00	37.02 -0.11 0.00	41.39 -0.04 0.00	38.22 0.01 0.00	35.53 -0.38 0.00	29.05 -0.60 0.00	27.13 -0.66 0.00	27.13 -0.74 0.00	25.61 -0.53 0.00
MORTIMER_115KV_TB3 55949	28.20 -1.01 0.00	26.97 -0.95 0.00	27.15 -0.94 0.00	28.78 -1.02 0.00	26.64 -0.92 0.00	48.19 -1.45 0.00	33.61 -1.29 0.00	54.67 -2.03 0.00	41.95 -1.11 0.00	33.89 -0.29 0.00	28.35 -0.07 0.00	28.41 -0.10 0.00	27.27 -0.05 0.00	28.46 0.14 0.00	32.93 -0.08 0.00	39.42 -0.28 0.00	36.70 -0.43 0.00	40.95 -0.49 0.00	37.84 -0.37 0.00	35.29 -0.63 0.00	28.93 -0.72 0.00	27.07 -0.71 0.00	27.11 -0.77 0.00	25.48 -0.66 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.54 1.33 0.00	29.14 1.23 0.00	29.22 1.13 0.00	31.04 1.24 0.00	28.76 1.20 0.00	51.54 1.90 0.00	36.39 1.48 0.00	59.11 2.42 0.00	45.07 2.02 0.00	35.95 1.77 0.00	30.12 1.70 0.00	30.25 1.74 0.00	28.97 1.65 0.00	29.87 1.55 0.00	34.90 1.89 0.00	41.96 2.25 0.00	39.23 2.11 0.00	43.86 2.43 0.00	40.41 2.20 0.00	38.12 2.20 0.00	31.44 1.79 0.00	29.54 1.75 0.00	29.61 1.73 0.00	27.89 1.75 0.00
MUNSVILLE_WIND_PWR 323609	31.41 2.20 0.00	29.99 2.08 0.00	30.27 2.18 0.00	32.52 2.32 -0.41	30.02 2.18 -0.28	54.54 4.57 -0.34	38.48 3.43 -0.14	63.43 5.72 -1.01	49.55 4.09 -2.39	37.94 3.18 -0.57	32.00 2.51 -1.07	30.90 2.16 -0.23	29.49 1.75 -0.42	30.79 1.72 -0.74	35.43 1.91 -0.51	42.65 2.49 -0.46	40.70 2.39 -1.19	45.16 3.01 -0.72	41.38 2.70 -0.48	38.27 2.36 0.00	31.59 1.81 -0.14	30.15 1.54 -0.82	29.40 1.52 0.00	27.54 1.41 0.00
N SALMON___HYD 24042	31.15 1.94 0.00	29.73 1.82 0.00	29.88 1.79 0.00	31.71 1.91 0.00	29.30 1.75 0.00	52.93 3.29 0.00	37.21 2.31 0.00	60.49 3.79 0.00	45.95 2.89 0.00	36.06 1.88 0.00	29.91 1.49 0.00	29.89 1.38 0.00	28.41 1.08 0.00	29.34 1.02 0.00	33.83 0.81 0.00	40.55 0.85 0.00	37.62 0.50 0.00	73.94 0.02 -32.49	79.73 0.14 -41.37	36.13 0.21 0.00	29.92 0.27 0.00	28.16 0.37 0.00	28.25 0.38 0.00	26.04 -0.10 0.00
N.AKRON__115KV_KNAPP 355671	28.10 -1.10 0.00	26.92 -1.00 0.00	27.13 -0.96 0.00	28.73 -1.07 0.00	26.59 -0.97 0.00	48.17 -1.46 0.00	33.36 -1.54 0.00	54.22 -2.48 0.00	41.92 -1.15 0.00	34.19 0.01 0.00	28.71 0.29 0.00	28.74 0.23 0.00	27.62 0.30 0.00	28.90 0.58 0.00	33.28 0.27 0.00	39.68 -0.02 0.00	36.84 -0.29 0.00	41.03 -0.40 0.00	37.98 -0.23 0.00	35.24 -0.68 0.00	28.82 -0.83 0.00	26.99 -0.80 0.00	27.04 -0.83 0.00	25.54 -0.59 0.00
N.BELMOR_69_KV_BK1 55787	30.97 1.76 0.00	32.14 1.73 -2.49	29.52 1.43 0.00	31.48 1.68 0.00	29.25 1.69 0.00	52.06 2.43 0.00	36.75 1.85 0.00	59.86 3.16 0.00	45.46 2.40 0.00	35.95 1.76 0.00	30.01 1.59 0.00	30.01 1.50 0.00	28.75 1.43 0.00	30.03 1.71 0.00	36.38 2.40 -0.97	42.29 2.59 0.00	39.57 2.45 0.00	45.59 2.92 -1.23	46.58 2.80 -5.57	38.57 2.65 0.00	31.77 2.13 0.00	30.03 2.25 0.00	30.16 2.15 -0.14	28.13 2.00 0.00
N.E_GEN_SANDY PD 24062	31.22 0.88 -1.14	32.01 0.86 -3.23	31.93 0.87 -2.97	32.79 0.93 -2.06	31.34 0.86 -2.92	51.45 1.37 -0.45	40.13 1.06 -4.17	60.03 1.74 -1.59	44.13 1.04 -0.03	34.61 0.43 0.00	28.66 0.35 0.11	28.85 0.34 0.00	27.72 0.40 0.00	28.72 0.40 0.00	33.82 0.71 -0.09	37.81 0.72 2.62	39.63 0.89 -1.62	42.15 0.98 0.26	38.88 0.71 0.04	36.07 0.87 0.71	30.75 0.88 -0.23	28.62 0.84 0.00	28.74 0.87 0.00	26.86 0.73 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.28 1.08 0.00	28.91 1.00 0.00	29.01 0.92 0.00	30.81 1.02 0.00	28.55 1.00 0.00	51.24 1.61 0.00	36.18 1.28 0.00	58.79 2.10 0.00	44.75 1.69 0.00	35.67 1.49 0.00	29.80 1.38 0.00	29.95 1.44 0.00	28.67 1.35 0.00	29.62 1.30 0.00	34.61 1.60 0.00	41.63 1.92 0.00	38.91 1.79 0.00	43.53 2.10 0.00	40.12 1.91 0.00	37.84 1.92 0.00	31.21 1.57 0.00	29.32 1.54 0.00	29.38 1.51 0.00	27.66 1.52 0.00
N.QUEENS_27_KV_LOAD 356247	30.39 1.18 0.00	29.01 1.09 0.00	29.06 0.98 0.00	30.88 1.08 0.00	28.61 1.05 0.00	51.13 1.50 0.01	36.22 1.33 0.01	58.88 2.19 0.01	44.95 1.89 0.00	36.02 1.84 0.00	30.19 1.77 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.84 1.52 0.00	34.84 1.83 0.00	41.93 2.22 0.00	39.20 2.08 0.00	43.80 2.36 0.00	40.38 2.17 0.00	38.10 2.18 0.00	31.43 1.78 0.00	29.54 1.76 0.00	29.58 1.70 0.00	27.89 1.75 0.00
N.TROY___115KV_TB1 355778	30.06 0.85 0.00	28.73 0.82 0.00	28.92 0.83 0.00	30.69 0.89 0.00	28.37 0.82 0.00	51.01 1.38 0.00	35.98 1.08 0.00	58.45 1.75 0.00	44.13 1.07 0.00	34.69 0.51 0.00	28.82 0.40 0.00	28.87 0.36 0.00	27.72 0.40 0.00	28.72 0.41 0.00	33.74 0.73 0.00	40.56 0.86 0.00	38.13 1.00 0.00	42.56 1.13 0.00	39.11 0.90 0.00	36.92 1.01 0.00	30.58 0.94 0.00	28.66 0.88 0.00	28.77 0.89 0.00	26.90 0.76 0.00
NARROWS_GT1_1 24228	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT1_2 24229	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT1_3 24230	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT1_4 24231	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00

NARROWS_GT1_5 24232	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT1_6 24233	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT1_7 24234	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT1_8 24235	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_1 24236	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_2 24237	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_3 24238	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_4 24239	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_5 24240	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_6 24241	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_7 24242	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NARROWS_GT2_8 24243	30.55 1.34 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.93 1.38 0.00	51.79 2.16 0.00	36.65 1.74 -0.01	59.49 2.79 0.00	45.39 2.33 0.00	36.26 2.08 -0.01	30.39 1.97 0.00	30.50 1.99 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.13 2.11 0.00	42.24 2.53 0.00	39.51 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.50 -0.01	31.68 2.02 -0.01	29.76 1.96 -0.01	29.80 1.93 0.00	28.08 1.94 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.19 0.98 0.00	28.84 0.93 0.00	29.07 0.98 0.00	30.83 1.03 0.00	28.50 0.94 0.00	51.40 1.77 0.00	36.34 1.44 0.00	59.13 2.44 0.00	44.40 1.34 0.00	34.59 0.41 0.00	28.58 0.16 0.00	28.55 0.04 0.00	27.41 0.09 0.00	28.42 0.10 0.00	33.46 0.45 0.00	40.61 0.91 0.00	38.44 1.32 0.00	43.08 1.65 0.00	39.63 1.41 0.00	37.29 1.38 0.00	30.81 1.17 0.00	28.83 1.04 0.00	28.87 1.00 0.00	26.98 0.84 0.00
NCHELSEA_115KV_TR2 355582	30.53 1.32 0.00	29.15 1.23 0.00	29.25 1.16 0.00	31.07 1.27 0.00	28.78 1.22 0.00	51.67 2.04 0.00	36.50 1.60 0.00	59.32 2.63 0.00	45.13 2.07 0.00	35.91 1.73 0.00	30.03 1.62 0.00	30.13 1.62 0.00	28.86 1.54 0.00	29.84 1.52 0.00	34.89 1.88 0.00	41.93 2.23 0.00	39.19 2.07 0.00	43.85 2.42 0.00	40.43 2.22 0.00	38.09 2.17 0.00	31.42 1.78 0.00	29.50 1.72 0.00	29.56 1.68 0.00	27.78 1.64 0.00
NEG CAPITAL___MECHNVIL 23645	30.44 1.23 0.00	29.08 1.17 0.00	29.27 1.18 0.00	31.06 1.26 0.00	28.73 1.18 0.00	51.75 2.12 0.00	36.55 1.65 0.00	59.36 2.66 0.00	44.75 1.69 0.00	35.11 0.93 0.00	29.14 0.73 0.00	29.18 0.67 0.00	28.00 0.68 0.00	29.02 0.70 0.00	34.12 1.11 0.00	41.17 1.47 0.00	38.77 1.65 0.00	43.31 1.87 0.00	39.82 1.61 0.00	37.56 1.65 0.00	31.05 1.40 0.00	29.09 1.30 0.00	29.19 1.32 0.00	27.26 1.12 0.00



NEG CENTRAL_HIGH_ACRES 23767	27.99 -1.22 0.00	26.75 -1.17 0.00	26.92 -1.17 0.00	28.10 -1.23 0.47	26.11 -1.13 0.32	47.46 -1.79 0.39	33.31 -1.43 0.16	53.32 -2.22 1.16	38.97 -1.36 2.74	32.91 -0.61 0.66	26.76 -0.43 1.22	27.79 -0.46 0.26	26.46 -0.39 0.48	27.25 -0.22 0.85	31.92 -0.49 0.61	38.21 -0.86 0.63	34.55 -0.94 1.63	39.39 -1.05 0.99	36.66 -0.90 0.65	34.82 -1.09 0.00	28.37 -1.08 0.19	25.60 -1.06 1.13	26.75 -1.12 0.00	25.12 -1.01 0.00
NEG CENTRAL___DRP 24199	28.94 -0.26 0.00	27.64 -0.28 0.00	27.83 -0.26 0.00	29.55 -0.25 0.00	27.35 -0.21 0.00	49.47 -0.17 0.00	34.86 -0.04 0.00	56.72 0.02 0.00	43.18 0.12 0.00	34.51 0.33 0.00	28.71 0.29 0.00	28.82 0.31 0.00	27.62 0.30 0.00	28.72 0.41 0.00	33.41 0.40 0.00	40.15 0.45 0.00	37.37 0.25 0.00	41.79 0.36 0.00	38.57 0.36 0.00	36.12 0.20 0.00	29.64 0.00 0.00	27.70 -0.08 0.00	27.76 -0.12 0.00	26.05 -0.08 0.00
NEG CENTRAL___INDECK 23768	29.29 0.08 0.00	27.98 0.06 0.00	28.21 0.11 0.00	29.70 0.15 0.25	27.60 0.21 0.17	50.23 0.81 0.21	35.14 0.32 0.09	56.73 0.65 0.62	42.50 0.91 1.47	35.25 1.42 0.35	29.05 1.29 0.66	29.62 1.25 0.14	28.35 1.28 0.26	29.32 1.46 0.46	34.02 1.31 0.31	40.86 1.42 0.27	37.54 1.12 0.70	42.39 1.38 0.43	39.33 1.40 0.28	36.84 0.92 0.00	30.03 0.47 0.08	27.61 0.30 0.48	28.03 0.16 0.00	26.36 0.22 0.00
NEG CENTRAL___SENECA 23627	29.04 -0.16 0.00	27.71 -0.20 0.00	27.93 -0.16 0.00	29.67 -0.13 0.00	27.45 -0.11 0.00	49.65 0.01 0.00	35.04 0.14 0.00	56.96 0.26 0.00	43.45 0.39 0.00	34.85 0.67 0.00	28.96 0.54 0.00	29.07 0.56 0.00	27.87 0.55 0.00	28.99 0.67 0.00	33.66 0.65 0.00	40.42 0.72 0.00	37.54 0.42 0.00	42.04 0.60 0.00	38.81 0.59 0.00	36.32 0.41 0.00	29.76 0.11 0.00	27.77 -0.02 0.00	27.80 -0.07 0.00	26.10 -0.04 0.00
NEG CENTRAL___STATE_STREET 24147	29.09 -0.11 0.00	27.85 -0.06 0.00	27.96 -0.13 0.00	29.69 -0.11 0.00	27.48 -0.08 0.00	49.82 0.19 0.00	35.02 0.11 0.00	57.13 0.43 0.00	43.29 0.23 0.00	34.46 0.28 0.00	28.65 0.23 0.00	28.75 0.24 0.00	27.47 0.15 0.00	28.63 0.31 0.00	33.37 0.36 0.00	40.08 0.37 0.00	37.41 0.29 0.00	41.73 0.29 0.00	38.47 0.26 0.00	36.05 0.13 0.00	29.65 0.01 0.00	27.84 0.05 0.00	27.92 0.04 0.00	26.19 0.06 0.00
NEG MILLWOOD___DRP 24198	30.64 1.44 0.00	29.25 1.34 0.00	29.34 1.25 0.00	31.17 1.37 0.00	28.88 1.32 0.00	51.87 2.24 0.00	36.65 1.75 0.00	59.58 2.88 0.00	45.35 2.29 0.00	36.10 1.92 0.00	30.27 1.85 0.00	30.35 1.84 0.00	29.06 1.74 0.00	30.02 1.70 0.00	35.10 2.09 0.00	42.17 2.47 0.00	39.43 2.30 0.00	44.15 2.71 0.00	40.69 2.48 0.00	38.34 2.43 0.00	31.62 1.97 0.00	29.68 1.90 0.00	29.73 1.86 0.00	27.95 1.81 0.00
NEG NORTH_FLCN_SEA 23793	30.49 1.28 0.00	29.13 1.22 0.00	29.30 1.21 0.00	31.09 1.29 0.00	28.72 1.16 0.00	51.60 1.96 0.00	36.13 1.23 0.00	58.33 1.63 0.00	44.89 1.83 0.00	35.48 1.29 0.00	29.35 0.93 0.00	29.33 0.82 0.00	28.05 0.72 0.00	29.06 0.74 0.00	33.66 0.65 0.00	40.31 0.60 0.00	37.21 0.09 0.00	-5.81 -0.97 46.27	-21.36 -0.65 58.93	35.58 -0.34 0.00	29.51 -0.14 0.00	27.86 0.07 0.00	28.01 0.13 0.00	25.67 -0.47 0.00
NEG NORTH_KES_CHATEGAY 23792	30.42 1.22 0.00	29.07 1.15 0.00	29.23 1.14 0.00	31.00 1.20 0.00	28.61 1.06 0.00	51.54 1.90 0.00	36.12 1.22 0.00	58.57 1.87 0.00	44.75 1.69 0.00	35.33 1.15 0.00	29.21 0.80 0.00	29.22 0.71 0.00	27.91 0.59 0.00	28.90 0.58 0.00	33.39 0.38 0.00	40.03 0.32 0.00	36.99 -0.13 0.00	-8.80 -0.89 49.34	-25.35 -0.72 62.84	35.40 -0.51 0.00	29.37 -0.27 0.00	27.72 -0.07 0.00	27.81 -0.06 0.00	25.58 -0.55 0.00
NEG NORTH___ALICE_FALLS 23915	30.65 1.44 0.00	29.28 1.37 0.00	29.45 1.36 0.00	31.25 1.45 0.00	28.85 1.30 0.00	51.90 2.26 0.00	36.39 1.48 0.00	58.89 2.19 0.00	45.18 2.12 0.00	35.72 1.54 0.00	29.53 1.11 0.00	29.51 1.00 0.00	28.20 0.88 0.00	29.22 0.90 0.00	33.83 0.82 0.00	40.55 0.84 0.00	37.49 0.36 0.00	-5.83 -0.50 46.76	-21.60 -0.27 59.55	35.87 -0.04 0.00	29.74 0.10 0.00	28.06 0.27 0.00	28.20 0.32 0.00	25.85 -0.28 0.00
NEG NORTH___LWR_SARANAC 23913	30.65 1.44 0.00	29.28 1.37 0.00	29.45 1.36 0.00	31.25 1.45 0.00	28.85 1.30 0.00	51.90 2.26 0.00	36.39 1.48 0.00	58.89 2.19 0.00	45.18 2.12 0.00	35.72 1.54 0.00	29.53 1.11 0.00	29.51 1.00 0.00	28.20 0.88 0.00	29.22 0.90 0.00	33.83 0.82 0.00	40.55 0.84 0.00	37.49 0.36 0.00	-5.83 -0.50 46.76	-21.60 -0.27 59.55	35.87 -0.04 0.00	29.74 0.10 0.00	28.06 0.27 0.00	28.20 0.32 0.00	25.85 -0.28 0.00
NEG NORTH___PLATTSBURG 23628	30.65 1.44 0.00	29.28 1.37 0.00	29.45 1.36 0.00	31.25 1.45 0.00	28.85 1.30 0.00	51.90 2.26 0.00	36.39 1.48 0.00	58.89 2.19 0.00	45.18 2.12 0.00	35.72 1.54 0.00	29.53 1.11 0.00	29.51 1.00 0.00	28.20 0.88 0.00	29.22 0.90 0.00	33.83 0.82 0.00	40.55 0.84 0.00	37.49 0.36 0.00	-5.83 -0.50 46.76	-21.60 -0.27 59.55	35.87 -0.04 0.00	29.75 0.10 0.00	28.06 0.27 0.00	28.20 0.32 0.00	25.85 -0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	27.72 -1.49 0.00	26.57 -1.34 0.00	26.78 -1.31 0.00	28.37 -1.43 0.00	26.24 -1.31 0.00	47.49 -2.15 0.00	32.79 -2.11 0.00	53.18 -3.52 0.00	41.20 -1.86 0.00	33.66 -0.52 0.00	28.28 -0.14 0.00	28.33 -0.18 0.00	27.22 -0.10 0.00	28.51 0.19 0.00	32.80 -0.22 0.00	39.07 -0.63 0.00	36.22 -0.91 0.00	40.34 -1.09 0.00	37.37 -0.85 0.00	34.64 -1.28 0.00	28.33 -1.32 0.00	26.55 -1.24 0.00	26.63 -1.24 0.00	25.18 -0.95 0.00
NEG WEST___LANCASTR 23811	29.16 -0.05 0.00	27.91 -0.01 0.00	28.17 0.08 0.00	29.94 0.14 0.00	27.68 0.13 0.00	50.07 0.43 0.00	34.50 -0.41 0.00	56.05 -0.65 0.00	43.34 0.28 0.00	35.39 1.21 0.00	29.74 1.33 0.00	29.87 1.36 0.00	28.72 1.40 0.00	30.03 1.72 0.00	34.59 1.58 0.00	41.30 1.59 0.00	38.19 1.06 0.00	42.49 1.05 0.00	39.35 1.14 0.00	36.54 0.62 0.00	29.93 0.29 0.00	28.12 0.34 0.00	28.12 0.25 0.00	26.48 0.34 0.00
NEG_PENN_ALLEGHNY 23528	29.32 0.11 0.00	27.97 0.06 0.00	28.21 0.12 0.00	30.51 0.14 -0.58	28.08 0.13 -0.40	50.54 0.43 -0.48	35.38 0.28 -0.20	58.65 0.52 -1.43	46.92 0.47 -3.39	35.55 0.55 -0.81	30.40 0.46 -1.52	29.36 0.53 -0.32	28.38 0.47 -0.59	29.85 0.47 -1.05	34.26 0.53 -0.72	40.99 0.63 -0.66	39.27 0.45 -1.70	43.11 0.64 -1.04	39.52 0.63 -0.68	36.39 0.47 0.00	30.18 0.33 -0.20	29.21 0.25 -1.17	28.12 0.24 0.00	26.40 0.26 0.00
NEG___GEN_MONROE 24207	28.38 -0.83 0.00	27.15 -0.76 0.00	27.32 -0.77 0.00	28.96 -0.83 0.00	26.83 -0.72 0.00	48.53 -1.10 0.00	33.88 -1.02 0.00	55.04 -1.66 0.00	42.25 -0.81 0.00	34.21 0.03 0.00	28.70 0.28 0.00	28.72 0.21 0.00	27.57 0.25 0.00	28.80 0.48 0.00	33.33 0.31 0.00	39.79 0.09 0.00	37.03 -0.10 0.00	41.32 -0.12 0.00	38.19 -0.02 0.00	35.58 -0.34 0.00	29.16 -0.49 0.00	27.27 -0.51 0.00	27.30 -0.57 0.00	25.68 -0.46 0.00

NEPA___ENERGY 23901	28.44 -0.77 0.00	27.28 -0.63 0.00	27.55 -0.54 0.00	29.25 -0.55 0.00	27.07 -0.49 0.00	49.09 -0.55 0.00	33.97 -0.93 0.00	55.28 -1.42 0.00	42.78 -0.28 0.00	34.93 0.75 0.00	29.32 0.90 0.00	29.39 0.88 0.00	28.25 0.93 0.00	29.56 1.24 0.00	34.02 1.01 0.00	40.55 0.85 0.00	37.55 0.43 0.00	41.84 0.41 0.00	38.72 0.51 0.00	35.91 -0.01 0.00	29.30 -0.34 0.00	27.43 -0.35 0.00	27.45 -0.43 0.00	25.85 -0.29 0.00
NEVERSink___HYD 23608	30.67 1.46 0.00	29.27 1.35 0.00	29.39 1.30 0.00	31.23 1.43 0.00	28.92 1.37 0.00	52.03 2.39 0.00	36.75 1.85 0.00	59.74 3.05 0.00	45.41 2.35 0.00	36.09 1.91 0.00	29.98 1.56 0.00	30.06 1.55 0.00	28.76 1.44 0.00	29.75 1.43 0.00	34.71 1.70 0.00	41.90 2.19 0.00	39.32 2.19 0.00	44.05 2.61 0.00	40.64 2.42 0.00	38.26 2.34 0.00	31.54 1.90 0.00	29.60 1.82 0.00	29.64 1.77 0.00	27.86 1.72 0.00
NEWKRMKL_115KV_TB1 55635	29.48 0.28 0.00	28.18 0.26 0.00	28.36 0.27 0.00	30.09 0.29 0.00	27.83 0.28 0.00	50.04 0.41 0.00	35.30 0.40 0.00	57.35 0.65 0.00	43.37 0.31 0.00	34.21 0.03 0.00	28.44 0.02 0.00	28.52 0.01 0.00	27.40 0.08 0.00	28.35 0.03 0.00	33.23 0.22 0.00	40.00 0.30 0.00	37.53 0.41 0.00	41.91 0.48 0.00	38.54 0.33 0.00	36.34 0.42 0.00	30.06 0.41 0.00	28.17 0.39 0.00	28.25 0.38 0.00	26.46 0.33 0.00
NEWTON___FALLS_HYD 23847	31.31 2.11 0.00	29.84 1.92 0.00	29.91 1.82 0.00	31.81 2.02 0.00	29.50 1.94 0.00	53.57 3.94 0.00	37.92 3.02 0.00	61.66 4.96 0.00	45.96 2.90 0.00	35.87 1.69 0.00	29.93 1.51 0.00	29.99 1.48 0.00	28.21 0.89 0.00	29.02 0.70 0.00	33.55 0.54 0.00	40.44 0.73 0.00	38.07 0.95 0.00	47.86 1.24 -5.20	45.94 1.11 -6.62	36.71 0.79 0.00	30.25 0.61 0.00	28.22 0.44 0.00	28.31 0.44 0.00	26.38 0.24 0.00
NGRID_A1_DSASP 323792	27.30 -1.91 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	26.43 -1.86 1.51	24.79 -1.73 1.04	45.44 -2.94 1.26	31.68 -2.70 0.53	48.49 -4.48 3.73	31.63 -2.60 8.84	30.92 -1.14 2.12	23.79 -0.67 3.96	26.99 -0.69 0.83	25.21 -0.57 1.54	25.26 -0.31 2.75	30.34 -0.81 1.87	36.67 -1.33 1.70	31.19 -1.55 4.38	36.92 -1.83 2.68	34.93 -1.52 1.76	34.02 -1.90 0.00	27.33 -1.80 0.52	23.06 -1.69 3.03	26.20 -1.67 0.00	24.82 -1.32 0.00
NGRID_A2_DSASP 323793	27.30 -1.91 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	26.43 -1.86 1.51	24.79 -1.73 1.04	45.44 -2.94 1.26	31.68 -2.70 0.53	48.49 -4.48 3.73	31.63 -2.60 8.84	30.92 -1.14 2.12	23.79 -0.67 3.96	26.99 -0.69 0.83	25.21 -0.57 1.54	25.26 -0.31 2.75	30.34 -0.81 1.87	36.67 -1.33 1.70	31.19 -1.55 4.38	36.92 -1.83 2.68	34.93 -1.52 1.76	34.02 -1.90 0.00	27.33 -1.80 0.52	23.06 -1.69 3.03	26.20 -1.67 0.00	24.82 -1.32 0.00
NGRID_A4_DSASP 323807	27.21 -2.00 0.00	26.07 -1.84 0.00	26.28 -1.81 0.00	26.34 -1.95 1.51	24.71 -1.81 1.04	45.29 -3.09 1.25	31.53 -2.83 0.54	48.31 -4.65 3.73	31.51 -2.72 8.83	30.81 -1.26 2.12	23.71 -0.75 3.95	26.88 -0.79 0.84	25.12 -0.66 1.54	25.17 -0.39 2.75	30.22 -0.92 1.87	36.54 -1.46 1.70	31.08 -1.66 4.38	36.78 -1.98 2.68	34.81 -1.65 1.76	33.89 -2.02 0.00	27.20 -1.91 0.53	22.96 -1.78 3.04	26.10 -1.77 0.00	24.69 -1.44 0.00
NIAGARA_115E_LBMP 323715	27.24 -1.96 0.00	26.11 -1.81 0.00	26.32 -1.77 0.00	26.38 -1.93 1.48	24.75 -1.79 1.02	45.35 -3.06 1.23	31.61 -2.77 0.52	48.40 -4.63 3.67	31.68 -2.70 8.69	30.88 -1.22 2.08	23.80 -0.73 3.89	26.94 -0.75 0.82	25.17 -0.63 1.51	25.24 -0.38 2.70	30.28 -0.89 1.83	36.60 -1.43 1.67	31.17 -1.65 4.31	36.85 -1.95 2.63	34.86 -1.62 1.73	33.93 -1.99 0.00	27.26 -1.88 0.51	23.05 -1.75 2.98	26.15 -1.73 0.00	24.80 -1.34 0.00
NIAGARA_115W_LBMP 323714	27.18 -2.03 0.00	26.04 -1.87 0.00	26.26 -1.83 0.00	26.32 -1.97 1.51	24.68 -1.84 1.04	45.24 -3.14 1.25	31.50 -2.86 0.54	48.26 -4.71 3.73	31.47 -2.76 8.83	30.77 -1.29 2.12	23.68 -0.78 3.95	26.85 -0.82 0.84	25.09 -0.69 1.54	25.15 -0.43 2.75	30.19 -0.95 1.87	36.50 -1.51 1.70	31.05 -1.70 4.38	36.74 -2.02 2.68	34.77 -1.69 1.76	33.87 -2.04 0.00	27.17 -1.94 0.53	22.94 -1.80 3.05	26.08 -1.79 0.00	24.67 -1.46 0.00
NIAGARA_230_LBMP 323716	27.48 -1.73 0.00	26.33 -1.59 0.00	26.53 -1.56 0.00	26.63 -1.67 1.50	24.97 -1.55 1.03	45.77 -2.62 1.25	31.89 -2.49 0.52	48.87 -4.11 3.72	31.88 -2.36 8.81	31.13 -0.94 2.11	23.96 -0.51 3.94	27.15 -0.53 0.83	25.38 -0.40 1.54	25.44 -0.13 2.74	30.55 -0.61 1.86	36.94 -1.07 1.70	31.43 -1.32 4.37	37.18 -1.58 2.67	35.18 -1.28 1.75	34.28 -1.64 0.00	27.53 -1.60 0.52	23.27 -1.49 3.02	26.36 -1.51 0.00	24.91 -1.23 0.00
NIAGARA___115KV_198_GIBSON 55903	27.16 -2.04 0.00	26.05 -1.87 0.00	26.26 -1.83 0.00	27.82 -1.98 0.00	25.72 -1.83 0.00	46.50 -3.13 0.00	32.02 -2.87 0.01	51.97 -4.72 0.01	40.27 -2.79 0.00	32.89 -1.29 0.00	27.68 -0.74 0.00	27.70 -0.81 0.00	26.64 -0.68 0.00	27.89 -0.42 0.00	32.07 -0.93 0.01	38.20 -1.51 0.00	35.43 -1.70 0.00	39.42 -2.01 0.00	36.54 -1.67 0.00	33.87 -2.05 0.00	27.68 -1.95 0.01	25.96 -1.81 0.01	26.08 -1.79 0.00	24.67 -1.47 0.00
NIAGARA___ 23760	27.48 -1.73 0.00	26.33 -1.59 0.00	26.53 -1.56 0.00	26.64 -1.67 1.49	24.98 -1.55 1.03	45.77 -2.62 1.24	31.89 -2.49 0.52	48.89 -4.11 3.70	31.93 -2.36 8.77	31.14 -0.94 2.10	23.98 -0.51 3.92	27.16 -0.53 0.83	25.39 -0.40 1.53	25.46 -0.13 2.73	30.55 -0.61 1.85	36.95 -1.07 1.69	31.45 -1.32 4.35	37.19 -1.58 2.66	35.19 -1.28 1.75	34.28 -1.64 0.00	27.53 -1.60 0.52	23.28 -1.49 3.01	26.36 -1.51 0.00	24.91 -1.23 0.00
NINE_MILE_1 23575	28.07 -1.13 0.00	26.83 -1.09 0.00	27.00 -1.09 0.00	28.65 -1.15 0.00	26.50 -1.06 0.00	47.80 -1.84 0.00	33.62 -1.28 0.00	54.63 -2.06 0.00	41.50 -1.56 0.00	33.02 -1.17 0.00	27.46 -0.95 0.00	27.55 -0.96 0.00	26.40 -0.93 0.00	27.39 -0.93 0.00	31.92 -1.10 0.00	38.38 -1.32 0.00	35.90 -1.23 0.00	40.10 -1.34 0.00	36.99 -1.23 0.00	34.69 -1.22 0.00	28.60 -1.04 0.00	26.79 -0.99 0.00	26.87 -1.00 0.00	25.23 -0.91 0.00
NINE_MILE_2 23744	28.07 -1.13 0.00	26.83 -1.09 0.00	27.00 -1.09 0.00	28.65 -1.15 0.00	26.50 -1.06 0.00	47.80 -1.84 0.00	33.62 -1.28 0.00	54.63 -2.06 0.00	41.50 -1.56 0.00	33.02 -1.17 0.00	27.46 -0.95 0.00	27.55 -0.96 0.00	26.40 -0.93 0.00	27.39 -0.93 0.00	31.92 -1.10 0.00	38.38 -1.32 0.00	35.90 -1.23 0.00	40.10 -1.34 0.00	36.99 -1.23 0.00	34.69 -1.22 0.00	28.60 -1.04 0.00	26.79 -0.99 0.00	26.87 -1.00 0.00	25.23 -0.91 0.00
NM_CAPITAL___DRP 24208	29.56 0.36 0.00	28.26 0.34 0.00	28.44 0.35 0.00	30.17 0.38 0.00	27.91 0.35 0.00	50.16 0.52 0.00	35.37 0.47 0.00	57.47 0.78 0.00	43.48 0.41 0.00	34.27 0.09 0.00	28.49 0.07 0.00	28.56 0.05 0.00	27.45 0.12 0.00	28.40 0.08 0.00	33.30 0.28 0.00	40.05 0.35 0.00	37.58 0.45 0.00	41.95 0.52 0.00	38.57 0.36 0.00	36.39 0.47 0.00	30.12 0.47 0.00	28.23 0.45 0.00	28.32 0.45 0.00	26.52 0.38 0.00

NM_CENTRAL___DRP 24181	28.63 -0.57 0.00	27.34 -0.57 0.00	27.53 -0.56 0.00	29.22 -0.58 0.00	27.03 -0.52 0.00	48.79 -0.84 0.00	34.34 -0.56 0.00	55.84 -0.87 0.00	42.47 -0.59 0.00	33.76 -0.43 0.00	28.08 -0.33 0.00	28.16 -0.35 0.00	27.00 -0.33 0.00	28.02 -0.30 0.00	32.65 -0.37 0.00	39.27 -0.43 0.00	36.74 -0.38 0.00	41.09 -0.35 0.00	37.89 -0.32 0.00	35.52 -0.40 0.00	29.26 -0.38 0.00	27.40 -0.39 0.00	27.47 -0.41 0.00	25.77 -0.36 0.00
NM_FRONTIER___DRP 24179	27.16 -2.04 0.00	26.05 -1.87 0.00	26.26 -1.83 0.00	27.82 -1.98 0.00	25.72 -1.83 0.00	46.50 -3.13 0.00	32.02 -2.87 0.01	51.97 -4.72 0.01	40.27 -2.79 0.00	32.89 -1.29 0.00	27.68 -0.74 0.00	27.70 -0.81 0.00	26.64 -0.68 0.00	27.89 -0.42 0.00	32.07 -0.93 0.01	38.20 -1.51 0.00	35.43 -1.70 0.00	39.42 -2.01 0.00	36.54 -1.67 0.00	33.87 -2.05 0.00	27.68 -1.95 0.01	25.96 -1.81 0.01	26.08 -1.79 0.00	24.67 -1.47 0.00
NM_ST_REGIS___HYD 24053	31.76 2.55 0.00	30.27 2.36 0.00	30.39 2.30 0.00	32.27 2.48 0.00	29.91 2.35 0.00	54.25 4.62 0.00	38.33 3.43 0.00	62.30 5.60 0.00	46.62 3.56 0.00	36.39 2.21 0.00	30.44 2.02 0.00	30.43 1.92 0.00	28.60 1.27 0.00	29.38 1.06 0.00	33.78 0.76 0.00	40.55 0.84 0.00	37.88 0.76 0.00	54.80 0.62 -12.75	55.11 0.67 -16.23	36.50 0.58 0.00	30.16 0.51 0.00	28.25 0.47 0.00	28.35 0.48 0.00	26.27 0.13 0.00
NORTHPORT___1 23551	30.89 1.68 0.00	32.14 1.74 -2.49	29.44 1.35 0.00	31.45 1.65 0.00	29.26 1.70 0.00	51.76 2.13 0.00	36.42 1.52 0.00	59.39 2.70 0.00	45.14 2.08 0.00	35.53 1.35 0.00	29.71 1.30 0.00	29.66 1.15 0.00	28.40 1.08 0.00	29.82 1.50 0.00	36.06 2.29 -0.76	42.02 2.32 0.00	39.24 2.12 0.00	44.96 2.50 -1.03	45.33 2.47 -4.65	38.22 2.30 0.00	31.51 1.86 0.00	29.86 2.07 0.00	30.07 2.08 -0.12	28.08 1.95 0.00
NORTHPORT___2 23552	30.89 1.68 0.00	32.14 1.74 -2.49	29.44 1.35 0.00	31.45 1.65 0.00	29.26 1.70 0.00	51.76 2.13 0.00	36.42 1.52 0.00	59.39 2.70 0.00	45.14 2.08 0.00	35.53 1.35 0.00	29.71 1.30 0.00	29.66 1.15 0.00	28.40 1.08 0.00	29.82 1.50 0.00	36.06 2.29 -0.76	42.02 2.32 0.00	39.24 2.12 0.00	44.96 2.50 -1.03	45.33 2.47 -4.65	38.22 2.30 0.00	31.51 1.86 0.00	29.86 2.07 0.00	30.07 2.08 -0.12	28.08 1.95 0.00
NORTHPORT___3 23553	30.78 1.58 0.00	32.02 1.61 -2.49	29.36 1.27 0.00	31.32 1.53 0.00	29.12 1.57 0.00	51.48 1.84 0.00	36.23 1.33 0.00	59.06 2.36 0.00	44.84 1.78 0.00	35.35 1.17 0.00	29.53 1.12 0.00	29.50 0.99 0.00	28.26 0.94 0.00	29.73 1.41 0.00	35.94 2.17 -0.76	41.80 2.09 0.00	39.05 1.93 0.00	44.74 2.27 -1.03	45.09 2.22 -4.67	38.04 2.12 0.00	31.33 1.69 0.00	29.68 1.90 0.00	29.93 1.94 -0.12	27.97 1.84 0.00
NORTHPORT___4 23650	30.78 1.58 0.00	32.02 1.61 -2.49	29.36 1.27 0.00	31.32 1.53 0.00	29.12 1.57 0.00	51.48 1.84 0.00	36.23 1.33 0.00	59.06 2.36 0.00	44.84 1.78 0.00	35.35 1.17 0.00	29.53 1.12 0.00	29.50 0.99 0.00	28.26 0.94 0.00	29.73 1.41 0.00	35.94 2.17 -0.76	41.80 2.09 0.00	39.05 1.93 0.00	44.74 2.27 -1.03	45.09 2.22 -4.67	38.04 2.12 0.00	31.33 1.69 0.00	29.68 1.90 0.00	29.93 1.94 -0.12	27.97 1.84 0.00
NORTHPORT___IC 23718	30.89 1.69 0.00	32.15 1.74 -2.49	29.44 1.35 0.00	31.45 1.65 0.00	29.26 1.70 0.00	51.76 2.13 0.00	36.42 1.52 0.00	59.39 2.70 0.00	45.15 2.09 0.00	35.53 1.35 0.00	29.71 1.29 0.00	29.65 1.14 0.00	28.40 1.08 0.00	29.82 1.50 0.00	36.05 2.28 -0.76	42.02 2.32 0.00	39.24 2.12 0.00	44.96 2.50 -1.03	45.33 2.47 -4.65	38.22 2.31 0.00	31.51 1.87 0.00	29.85 2.07 0.00	30.07 2.07 -0.12	28.08 1.94 0.00
NORTH___COUNTRY_ESR 323785	30.35 1.14 0.00	28.99 1.08 0.00	29.16 1.07 0.00	30.92 1.13 0.00	28.55 0.99 0.00	51.40 1.76 0.00	36.01 1.11 0.00	58.42 1.72 0.00	44.64 1.58 0.00	35.29 1.11 0.00	29.21 0.79 0.00	29.21 0.70 0.00	27.90 0.58 0.00	28.90 0.58 0.00	33.38 0.37 0.00	39.97 0.27 0.00	36.88 -0.24 0.00	-9.01 -1.03 49.41	-25.56 -0.86 62.92	35.27 -0.65 0.00	29.27 -0.38 0.00	27.62 -0.16 0.00	27.74 -0.14 0.00	25.51 -0.63 0.00
NPX_GEN_1385_PROXY 323591	31.02 1.81 0.00	32.26 1.86 -2.49	29.44 1.35 0.00	31.45 1.65 0.00	29.36 1.80 0.00	52.50 2.86 0.00	69.95 2.02 -33.03	74.86 3.50 -14.66	45.61 2.55 0.00	35.46 1.28 0.00	29.61 1.19 0.00	29.52 1.01 0.00	28.24 0.92 0.00	29.70 1.38 0.00	35.99 2.22 -0.76	48.42 2.92 -5.79	39.69 2.56 0.00	44.90 2.44 -1.03	45.68 2.81 -4.65	38.57 2.65 0.00	31.86 2.22 0.00	46.26 2.48 -16.00	30.41 2.31 -0.22	28.08 1.94 0.00
NPX_GEN_CSC 323557	30.80 1.59 0.00	32.32 1.91 -2.49	29.39 1.30 0.00	31.68 1.88 0.00	29.53 1.98 0.00	52.45 2.82 0.00	36.78 1.88 0.00	60.02 3.33 0.00	45.48 2.42 0.00	34.97 0.79 0.00	25.28 0.85 3.99	24.72 0.67 4.46	24.78 0.65 3.19	29.52 1.20 0.00	35.95 2.17 -0.76	42.29 2.58 0.00	39.34 2.22 0.00	45.84 3.37 -1.04	46.09 3.19 -4.68	38.84 2.92 0.00	31.99 2.34 0.00	30.29 2.50 0.00	30.54 2.44 -0.22	28.32 2.19 0.00
NSINS_S___GLNS_FALLS 23858	30.50 1.30 0.00	29.18 1.26 0.00	29.35 1.26 0.00	31.16 1.36 0.00	28.84 1.28 0.00	51.87 2.24 0.00	36.68 1.78 0.00	59.51 2.81 0.00	44.84 1.78 0.00	35.08 0.90 0.00	29.13 0.71 0.00	29.07 0.56 0.00	27.92 0.60 0.00	28.92 0.60 0.00	34.15 1.14 0.00	41.24 1.54 0.00	38.91 1.79 0.00	43.49 2.06 0.00	39.95 1.74 0.00	37.72 1.80 0.00	31.13 1.49 0.00	29.14 1.35 0.00	29.35 1.47 0.00	27.30 1.16 0.00
NUCOR_STEEL___DRP 24197	29.05 -0.16 0.00	27.82 -0.09 0.00	27.92 -0.17 0.00	29.64 -0.16 0.00	27.43 -0.12 0.00	49.76 0.12 0.00	34.95 0.05 0.00	57.04 0.34 0.00	43.21 0.15 0.00	34.40 0.22 0.00	28.60 0.18 0.00	28.71 0.20 0.00	27.41 0.09 0.00	28.58 0.27 0.00	33.32 0.30 0.00	40.01 0.31 0.00	37.35 0.23 0.00	41.64 0.21 0.00	38.39 0.18 0.00	35.97 0.05 0.00	29.60 -0.04 0.00	27.81 0.02 0.00	27.89 0.02 0.00	26.17 0.04 0.00
NUMBER_THREE_WT_PWR 323818	30.72 1.52 0.00	29.30 1.39 0.00	29.35 1.26 0.00	31.28 1.48 0.00	28.99 1.44 0.00	52.60 2.96 0.00	37.23 2.32 0.00	60.54 3.84 0.00	45.26 2.20 0.00	35.42 1.24 0.00	29.36 0.94 0.00	29.44 0.93 0.00	27.84 0.52 0.00	28.73 0.41 0.00	33.46 0.45 0.00	40.47 0.77 0.00	38.25 1.12 0.00	45.35 1.64 -2.28	42.55 1.43 -2.90	36.82 0.91 0.00	30.31 0.66 0.00	28.22 0.43 0.00	28.29 0.41 0.00	26.47 0.34 0.00
NYISO_LBMP_REFERENCE 24008	29.21 0.00 0.00	27.91 0.00 0.00	28.09 0.00 0.00	29.80 0.00 0.00	27.56 0.00 0.00	49.64 0.00 0.00	34.90 0.00 0.00	56.70 0.00 0.00	43.06 0.00 0.00	34.18 0.00 0.00	28.42 0.00 0.00	28.51 0.00 0.00	27.32 0.00 0.00	28.32 0.00 0.00	33.01 0.00 0.00	39.70 0.00 0.00	37.12 0.00 0.00	41.43 0.00 0.00	38.21 0.00 0.00	35.92 0.00 0.00	29.64 0.00 0.00	27.79 0.00 0.00	27.87 0.00 0.00	26.13 0.00 0.00

NYPA_BRENTWD____GT 24164	31.16 1.95 0.00	32.40 1.99 -2.49	29.68 1.59 0.00	31.72 1.92 0.00	29.51 1.95 0.00	52.34 2.71 0.00	36.89 1.98 0.00	60.19 3.49 0.00	45.68 2.62 0.00	35.91 1.73 0.00	30.01 1.59 0.00	29.92 1.41 0.00	28.65 1.33 0.00	30.08 1.76 0.00	36.40 2.62 -0.77	42.52 2.81 0.00	39.76 2.64 0.00	45.66 3.18 -1.04	46.01 3.07 -4.72	38.79 2.87 0.00	31.94 2.30 0.00	30.24 2.45 0.00	30.41 2.42 -0.12	28.36 2.23 0.00
NYPA_GOWANUS____GT5 24156	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
NYPA_GOWANUS____GT6 24157	30.52 1.32 0.00	29.14 1.23 0.00	29.25 1.17 0.00	31.20 1.40 0.00	28.92 1.37 0.00	51.75 2.12 0.00	36.64 1.73 -0.01	59.46 2.76 0.00	45.37 2.31 0.00	36.24 2.06 -0.01	30.38 1.96 0.00	30.49 1.97 0.00	29.17 1.85 0.00	30.06 1.75 0.00	35.10 2.09 0.00	42.22 2.52 0.00	39.49 2.37 0.00	44.07 2.64 0.00	40.68 2.46 0.00	38.41 2.48 -0.01	31.66 2.01 -0.01	29.75 1.96 -0.01	29.79 1.92 0.00	28.08 1.94 0.00
NYPA_HARLEM__RVR__GT1 24160	30.35 1.14 0.00	28.97 1.05 0.00	29.04 0.95 0.00	30.86 1.07 0.00	28.59 1.04 0.00	51.11 1.49 0.02	36.22 1.31 0.00	58.86 2.16 0.00	44.91 1.85 0.00	35.93 1.75 0.00	30.11 1.70 0.00	30.25 1.74 0.00	28.96 1.64 0.00	29.77 1.46 0.00	34.78 1.77 0.00	41.85 2.14 0.00	39.14 2.01 0.00	43.72 2.29 0.00	40.31 2.10 0.00	38.03 2.11 0.00	31.36 1.72 0.00	29.49 1.70 0.00	29.53 1.65 0.00	27.85 1.71 0.00
NYPA_HARLEM__RVR__GT2 24161	30.35 1.14 0.00	28.97 1.05 0.00	29.04 0.95 0.00	30.86 1.07 0.00	28.59 1.04 0.00	51.11 1.49 0.02	36.22 1.31 0.00	58.86 2.16 0.00	44.91 1.85 0.00	35.93 1.75 0.00	30.11 1.70 0.00	30.25 1.74 0.00	28.96 1.64 0.00	29.77 1.46 0.00	34.78 1.77 0.00	41.85 2.14 0.00	39.14 2.01 0.00	43.72 2.29 0.00	40.31 2.10 0.00	38.03 2.11 0.00	31.36 1.72 0.00	29.49 1.70 0.00	29.53 1.65 0.00	27.85 1.71 0.00
NYPA_KENT____GT 24152	30.55 1.35 0.00	29.16 1.25 0.00	29.27 1.18 0.00	31.16 1.37 0.00	28.89 1.34 0.00	51.70 2.06 0.00	36.56 1.66 0.00	59.37 2.67 0.00	45.30 2.24 0.00	36.18 2.00 0.00	30.34 1.92 0.00	30.45 1.94 0.00	29.14 1.82 0.00	30.04 1.72 0.00	35.08 2.06 0.00	42.16 2.46 0.00	39.42 2.29 0.00	44.01 2.58 0.00	40.59 2.38 0.00	38.33 2.41 0.00	31.60 1.95 0.00	29.69 1.90 0.00	29.74 1.87 0.00	28.02 1.89 0.00
NYPA_POUCH1____GT 24155	30.46 1.26 0.00	29.08 1.17 0.00	29.25 1.16 0.00	31.28 1.48 0.00	28.99 1.43 0.00	51.84 2.20 0.00	36.71 1.80 -0.01	59.52 2.82 0.00	45.40 2.33 0.00	36.28 2.09 -0.01	30.37 1.95 0.00	30.43 1.92 0.00	29.11 1.79 0.00	30.00 1.68 0.00	35.03 2.02 0.00	42.14 2.44 0.00	39.44 2.31 0.00	43.95 2.52 0.00	40.62 2.41 0.00	38.37 2.45 -0.01	31.64 1.98 -0.01	29.73 1.94 -0.01	29.77 1.90 0.00	28.05 1.91 0.00
NYPA_VERNON____GT2 24162	30.57 1.36 0.00	29.17 1.26 0.00	29.25 1.16 0.00	31.11 1.31 0.00	28.84 1.29 0.00	51.62 1.99 0.00	36.46 1.56 0.00	59.24 2.54 0.00	45.20 2.15 0.00	36.10 1.92 0.00	30.28 1.87 0.00	30.41 1.90 0.00	29.10 1.78 0.00	30.00 1.68 0.00	35.02 2.00 0.00	42.10 2.39 0.00	39.36 2.24 0.00	43.97 2.54 0.00	40.53 2.32 0.00	38.24 2.32 0.00	31.52 1.88 0.00	29.61 1.82 0.00	29.68 1.80 0.00	27.97 1.83 0.00
NYPA_VERNON____GT3 24163	30.57 1.36 0.00	29.17 1.26 0.00	29.25 1.16 0.00	31.11 1.31 0.00	28.84 1.29 0.00	51.62 1.99 0.00	36.46 1.56 0.00	59.24 2.54 0.00	45.20 2.15 0.00	36.10 1.92 0.00	30.28 1.87 0.00	30.41 1.90 0.00	29.10 1.78 0.00	30.00 1.68 0.00	35.02 2.00 0.00	42.10 2.39 0.00	39.36 2.24 0.00	43.97 2.54 0.00	40.53 2.32 0.00	38.24 2.32 0.00	31.52 1.88 0.00	29.61 1.82 0.00	29.68 1.80 0.00	27.97 1.83 0.00
NYPA__ASTORIA_CC1 323568	30.52 1.31 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.79 1.23 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.94 1.62 0.00	34.95 1.93 0.00	42.00 2.30 0.00	39.27 2.14 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.61 1.74 0.00	27.92 1.78 0.00
NYPA__ASTORIA_CC2 323569	30.52 1.31 0.00	29.13 1.22 0.00	29.22 1.13 0.00	31.06 1.26 0.00	28.79 1.23 0.00	51.52 1.88 0.00	36.40 1.50 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.02 1.84 0.00	30.22 1.81 0.00	30.35 1.84 0.00	29.05 1.73 0.00	29.94 1.62 0.00	34.95 1.93 0.00	42.00 2.30 0.00	39.27 2.14 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.61 1.74 0.00	27.92 1.78 0.00
NYPA__HOLTSVILL 23794	30.93 1.73 0.00	32.22 1.81 -2.49	29.48 1.39 0.00	31.54 1.75 0.00	29.35 1.80 0.00	52.09 2.45 0.00	36.65 1.75 0.00	59.79 3.09 0.00	45.37 2.31 0.00	35.55 1.37 0.00	29.71 1.29 0.00	29.64 1.13 0.00	28.39 1.06 0.00	29.82 1.50 0.00	36.11 2.33 -0.76	42.22 2.52 0.00	39.43 2.31 0.00	45.38 2.91 -1.04	45.70 2.81 -4.68	38.55 2.63 0.00	31.76 2.11 0.00	30.07 2.29 0.00	30.24 2.25 -0.12	28.19 2.05 0.00
NYPA__HELLGATE_GT1 24158	30.35 1.14 0.00	28.96 1.05 0.00	29.04 0.95 0.00	30.86 1.07 0.00	28.59 1.04 0.00	51.12 1.49 0.00	36.19 1.29 0.01	58.80 2.12 0.02	44.88 1.82 0.01	35.93 1.75 0.00	30.11 1.70 0.00	30.25 1.74 0.00	28.96 1.64 0.00	29.77 1.46 0.00	34.78 1.77 0.00	41.85 2.14 0.00	39.14 2.01 0.00	43.72 2.29 0.00	40.31 2.10 0.00	38.03 2.11 0.00	31.36 1.72 0.00	29.49 1.70 0.00	29.53 1.65 0.00	27.85 1.71 0.00
NYPA__HELLGATE_GT2 24159	30.35 1.14 0.00	28.96 1.05 0.00	29.04 0.95 0.00	30.86 1.07 0.00	28.59 1.04 0.00	51.12 1.49 0.00	36.19 1.29 0.01	58.80 2.12 0.02	44.88 1.82 0.01	35.93 1.75 0.00	30.11 1.70 0.00	30.25 1.74 0.00	28.96 1.64 0.00	29.77 1.46 0.00	34.78 1.77 0.00	41.85 2.14 0.00	39.14 2.01 0.00	43.72 2.29 0.00	40.31 2.10 0.00	38.03 2.11 0.00	31.36 1.72 0.00	29.49 1.70 0.00	29.53 1.65 0.00	27.85 1.71 0.00
NYS_BARGE__HYD 23848	27.73 -1.47 0.00	26.57 -1.35 0.00	26.77 -1.32 0.00	27.01 -1.44 1.35	25.30 -1.32 0.93	46.34 -2.17 1.13	32.32 -2.11 0.47	49.86 -3.50 3.34	33.29 -1.85 7.92	31.74 -0.54 1.90	24.69 -0.18 3.55	27.56 -0.20 0.75	25.84 -0.10 1.38	26.03 0.18 2.46	31.10 -0.24 1.67	37.54 -0.64 1.52	32.29 -0.91 3.92	37.93 -1.10 2.40	35.78 -0.86 1.57	34.64 -1.28 0.00	27.87 -1.31 0.46	23.84 -1.23 2.71	26.63 -1.24 0.00	25.20 -0.93 0.00

OAK ORCHARD___HYD 24046	28.21 -1.00 0.00	26.96 -0.95 0.00	27.15 -0.94 0.00	28.00 -1.01 0.78	26.09 -0.92 0.54	47.53 -1.46 0.65	33.34 -1.29 0.27	52.74 -2.02 1.94	37.37 -1.10 4.59	32.79 -0.29 1.10	26.28 -0.09 2.05	27.97 -0.10 0.43	26.47 -0.05 0.80	27.03 0.14 1.43	31.97 -0.08 0.96	38.56 -0.28 0.87	34.46 -0.43 2.24	39.58 -0.49 1.37	36.94 -0.37 0.90	35.29 -0.63 0.00	28.67 -0.71 0.27	25.53 -0.71 1.55	27.10 -0.77 0.00	25.48 -0.65 0.00
OAKDALE___35_KV_LOAD 356122	29.23 0.03 0.00	27.89 -0.02 0.00	28.13 0.04 0.00	29.85 0.05 0.00	27.60 0.05 0.00	49.89 0.25 0.00	35.04 0.14 0.00	56.99 0.29 0.00	43.37 0.31 0.00	34.61 0.43 0.00	28.79 0.37 0.00	28.95 0.44 0.00	27.70 0.38 0.00	28.70 0.39 0.00	33.43 0.42 0.00	40.20 0.49 0.00	37.43 0.31 0.00	41.91 0.48 0.00	38.69 0.48 0.00	36.26 0.35 0.00	29.87 0.23 0.00	27.94 0.16 0.00	28.04 0.16 0.00	26.32 0.18 0.00
OCC_CHEM___DRP 24175	27.28 -1.92 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	27.93 -1.87 0.00	25.82 -1.73 0.00	46.70 -2.94 0.00	32.20 -2.70 0.00	52.21 -4.48 0.00	40.45 -2.62 0.00	33.04 -1.14 0.00	27.78 -0.63 0.00	27.83 -0.68 0.00	26.76 -0.57 0.00	28.02 -0.30 0.00	32.21 -0.80 0.00	38.37 -1.34 0.00	35.58 -1.54 0.00	39.60 -1.83 0.00	36.70 -1.51 0.00	34.01 -1.90 0.00	27.83 -1.81 0.00	26.09 -1.70 0.00	26.20 -1.68 0.00	24.82 -1.32 0.00
OH_GEN_PROXY 24063	27.52 -1.68 0.00	26.37 -1.55 0.00	26.57 -1.52 0.00	26.50 -1.63 1.67	24.89 -1.51 1.15	45.70 -2.54 1.39	31.90 -2.42 0.58	48.59 -3.97 4.14	30.98 -2.27 9.80	30.96 -0.88 2.35	23.57 -0.46 4.39	27.12 -0.47 0.93	25.26 -0.35 1.71	25.19 -0.08 3.05	30.41 -0.53 2.07	36.86 -0.96 1.89	31.02 -1.24 4.87	36.99 -1.47 2.97	35.07 -1.18 1.95	34.38 -1.54 0.00	27.56 -1.51 0.58	23.01 -1.41 3.37	26.54 -1.44 -0.10	24.95 -1.19 0.00
OLIN_CORP_DRP 24177	27.28 -1.92 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	27.93 -1.87 0.00	25.82 -1.73 0.00	46.70 -2.94 0.00	32.20 -2.70 0.00	52.21 -4.48 0.00	40.45 -2.62 0.00	33.04 -1.14 0.00	27.78 -0.63 0.00	27.83 -0.68 0.00	26.76 -0.57 0.00	28.01 -0.30 0.00	32.21 -0.80 0.00	38.37 -1.34 0.00	35.58 -1.54 0.00	39.60 -1.83 0.00	36.70 -1.51 0.00	34.01 -1.90 0.00	27.83 -1.81 0.00	26.09 -1.70 0.00	26.20 -1.68 0.00	24.82 -1.32 0.00
OLIN_CORP_DSASP 323712	27.30 -1.91 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	26.43 -1.86 1.51	24.79 -1.73 1.04	45.44 -2.94 1.26	31.68 -2.70 0.53	48.49 -4.48 3.73	31.63 -2.60 8.84	30.92 -1.14 2.12	23.79 -0.67 3.96	26.99 -0.69 0.83	25.21 -0.57 1.54	25.26 -0.31 2.75	30.34 -0.81 1.87	36.67 -1.33 1.70	31.19 -1.55 4.38	36.92 -1.83 2.68	34.93 -1.52 1.76	34.02 -1.90 0.00	27.33 -1.80 0.52	23.06 -1.69 3.03	26.20 -1.67 0.00	24.82 -1.32 0.00
ONEIDA_HERK_LFGE 323681	30.24 1.03 0.00	28.87 0.96 0.00	29.02 0.93 0.00	30.85 1.05 0.00	28.56 1.01 0.00	51.70 2.07 0.00	36.53 1.63 0.00	59.38 2.69 0.00	44.69 1.63 0.00	35.16 0.98 0.00	29.16 0.74 0.00	29.22 0.71 0.00	27.84 0.51 0.00	28.78 0.47 0.00	33.56 0.55 0.00	40.56 0.86 0.00	38.19 1.06 0.00	43.88 1.41 -1.04	40.80 1.26 -1.32	36.90 0.98 0.00	30.39 0.74 0.00	28.39 0.61 0.00	28.45 0.58 0.00	26.63 0.49 0.00
ONEIDA___115KV_TB4 55905	29.93 0.72 0.00	28.60 0.68 0.00	28.83 0.74 0.00	30.63 0.83 0.00	28.37 0.82 0.00	51.32 1.69 0.00	36.23 1.32 0.00	58.89 2.19 0.00	44.47 1.41 0.00	35.04 0.85 0.00	29.01 0.59 0.00	29.06 0.55 0.00	27.79 0.46 0.00	28.77 0.45 0.00	33.54 0.53 0.00	40.55 0.85 0.00	38.17 1.04 0.00	42.80 1.36 0.00	39.46 1.24 0.00	36.98 1.06 0.00	30.44 0.80 0.00	28.47 0.69 0.00	28.52 0.64 0.00	26.71 0.57 0.00
ONONDAGA_REF_OCCRA 23987	28.85 -0.36 0.00	27.54 -0.37 0.00	27.74 -0.36 0.00	29.44 -0.37 0.00	27.23 -0.32 0.00	49.18 -0.45 0.00	34.62 -0.28 0.00	56.31 -0.39 0.00	42.81 -0.25 0.00	33.99 -0.19 0.00	28.26 -0.15 0.00	28.34 -0.17 0.00	27.17 -0.15 0.00	28.19 -0.13 0.00	32.86 -0.16 0.00	39.55 -0.15 0.00	37.02 -0.10 0.00	41.42 -0.02 0.00	38.19 -0.02 0.00	35.81 -0.11 0.00	29.50 -0.15 0.00	27.61 -0.17 0.00	27.67 -0.20 0.00	25.96 -0.17 0.00
ONONDAGA___COGEN 23986	28.79 -0.42 0.00	27.51 -0.41 0.00	27.68 -0.41 0.00	29.38 -0.42 0.00	27.18 -0.37 0.00	49.12 -0.52 0.00	34.58 -0.33 0.00	56.25 -0.45 0.00	42.72 -0.34 0.00	33.95 -0.23 0.00	28.24 -0.18 0.00	28.33 -0.18 0.00	27.14 -0.18 0.00	28.18 -0.13 0.00	32.85 -0.17 0.00	39.52 -0.18 0.00	36.97 -0.16 0.00	41.32 -0.11 0.00	38.11 -0.10 0.00	35.73 -0.18 0.00	29.44 -0.21 0.00	27.56 -0.23 0.00	27.63 -0.24 0.00	25.93 -0.21 0.00
ONTARIO___LFGE 23819	29.05 -0.16 0.00	27.71 -0.20 0.00	27.93 -0.16 0.00	29.67 -0.13 0.00	27.45 -0.10 0.00	49.65 0.01 0.00	35.04 0.14 0.00	56.97 0.27 0.00	43.45 0.39 0.00	34.86 0.68 0.00	28.94 0.52 0.00	29.06 0.55 0.00	27.86 0.54 0.00	28.99 0.67 0.00	33.66 0.64 0.00	40.42 0.72 0.00	37.54 0.42 0.00	42.04 0.60 0.00	38.80 0.59 0.00	36.32 0.41 0.00	29.76 0.12 0.00	27.77 -0.02 0.00	27.80 -0.07 0.00	26.10 -0.04 0.00
ORANGEVILLE_WT_PWR 323706	28.23 -0.97 0.00	27.01 -0.90 0.00	27.30 -0.79 0.00	28.32 -0.79 0.69	26.38 -0.70 0.48	48.11 -0.95 0.58	33.55 -1.11 0.24	53.17 -1.82 1.71	38.28 -0.73 4.05	33.44 0.23 0.97	26.99 0.38 1.81	28.55 0.42 0.38	27.07 0.46 0.71	27.72 0.67 1.26	32.54 0.38 0.85	39.14 0.21 0.77	34.93 -0.19 2.00	39.98 -0.24 1.22	37.27 -0.14 0.80	35.36 -0.56 0.00	28.64 -0.77 0.24	25.63 -0.77 1.38	27.03 -0.84 0.00	25.51 -0.62 0.00
ORANGEVILLE___ESR 323794	28.23 -0.97 0.00	27.01 -0.90 0.00	27.30 -0.79 0.00	28.32 -0.79 0.69	26.38 -0.70 0.48	48.11 -0.95 0.58	33.55 -1.11 0.24	53.17 -1.82 1.71	38.28 -0.73 4.05	33.44 0.23 0.97	26.99 0.38 1.81	28.55 0.42 0.38	27.07 0.46 0.71	27.72 0.67 1.26	32.54 0.38 0.85	39.14 0.21 0.77	34.93 -0.19 2.00	39.98 -0.24 1.22	37.27 -0.14 0.80	35.36 -0.56 0.00	28.64 -0.77 0.24	25.63 -0.77 1.38	27.03 -0.84 0.00	25.51 -0.62 0.00
OSWEGATCHIE___HYD 24044	31.31 2.10 0.00	29.83 1.92 0.00	29.91 1.82 0.00	31.81 2.02 0.00	29.50 1.94 0.00	53.58 3.94 0.00	37.92 3.02 0.00	61.65 4.95 0.00	45.97 2.91 0.00	35.87 1.69 0.00	29.93 1.51 0.00	29.99 1.48 0.00	28.21 0.89 0.00	29.02 0.70 0.00	33.55 0.54 0.00	40.44 0.73 0.00	38.07 0.95 0.00	47.86 1.23 -5.20	45.94 1.11 -6.62	36.70 0.79 0.00	30.26 0.61 0.00	28.22 0.44 0.00	28.31 0.44 0.00	26.38 0.24 0.00
OSWEGO___5 23606	28.31 -0.90 0.00	27.04 -0.87 0.00	27.22 -0.87 0.00	28.87 -0.93 0.00	26.71 -0.85 0.00	48.20 -1.44 0.00	33.90 -1.01 0.00	55.15 -1.55 0.00	41.94 -1.12 0.00	33.36 -0.82 0.00	27.75 -0.66 0.00	27.84 -0.67 0.00	26.67 -0.65 0.00	27.68 -0.64 0.00	32.25 -0.76 0.00	38.79 -0.91 0.00	36.27 -0.86 0.00	40.52 -0.91 0.00	37.37 -0.84 0.00	35.05 -0.86 0.00	28.90 -0.74 0.00	27.06 -0.72 0.00	27.14 -0.73 0.00	25.48 -0.65 0.00

OSWEGO___6 23613	28.31 -0.90 0.00	27.04 -0.87 0.00	27.22 -0.87 0.00	28.87 -0.93 0.00	26.71 -0.85 0.00	48.20 -1.44 0.00	33.90 -1.01 0.00	55.15 -1.55 0.00	41.94 -1.12 0.00	33.36 -0.82 0.00	27.75 -0.66 0.00	27.84 -0.67 0.00	26.67 -0.65 0.00	27.68 -0.64 0.00	32.25 -0.76 0.00	38.79 -0.91 0.00	36.27 -0.86 0.00	40.52 -0.91 0.00	37.37 -0.84 0.00	35.05 -0.86 0.00	28.90 -0.74 0.00	27.06 -0.72 0.00	27.14 -0.73 0.00	25.48 -0.65 0.00
OUTOKUMPU-AB___DRP 24206	28.01 -1.20 0.00	26.83 -1.08 0.00	27.04 -1.05 0.00	28.65 -1.15 0.00	26.50 -1.06 0.00	47.97 -1.66 0.00	33.14 -1.77 0.00	53.78 -2.92 0.00	41.65 -1.40 0.00	34.03 -0.15 0.00	28.61 0.19 0.00	28.66 0.15 0.00	27.55 0.23 0.00	28.83 0.51 0.00	33.16 0.15 0.00	39.52 -0.18 0.00	36.62 -0.51 0.00	40.79 -0.64 0.00	37.79 -0.42 0.00	35.03 -0.89 0.00	28.64 -1.01 0.00	26.84 -0.95 0.00	26.91 -0.96 0.00	25.42 -0.71 0.00
OXBOW___BTM 323836	27.67 -1.54 0.00	26.50 -1.41 0.00	26.71 -1.38 0.00	26.80 -1.49 1.50	25.13 -1.38 1.04	46.09 -2.29 1.25	32.14 -2.23 0.52	49.31 -3.67 3.73	32.27 -1.97 8.83	31.44 -0.62 2.12	24.24 -0.23 3.95	27.42 -0.26 0.83	25.63 -0.15 1.54	25.69 0.12 2.74	30.84 -0.31 1.86	37.27 -0.73 1.70	31.75 -1.00 4.38	37.54 -1.22 2.67	35.50 -0.96 1.76	34.53 -1.38 0.00	27.73 -1.39 0.52	23.45 -1.30 3.03	26.56 -1.31 0.00	25.11 -1.03 0.00
OXBOW____ 24026	27.65 -1.56 0.00	26.50 -1.41 0.00	26.71 -1.38 0.00	28.30 -1.50 0.00	26.17 -1.39 0.00	47.35 -2.29 0.00	32.67 -2.24 0.00	53.03 -3.67 0.00	41.08 -1.98 0.00	33.56 -0.62 0.00	28.22 -0.20 0.00	28.25 -0.25 0.00	27.17 -0.15 0.00	28.44 0.12 0.00	32.71 -0.30 0.00	38.97 -0.73 0.00	36.12 -1.01 0.00	40.22 -1.21 0.00	37.27 -0.94 0.00	34.53 -1.38 0.00	28.24 -1.40 0.00	26.48 -1.30 0.00	26.56 -1.31 0.00	25.11 -1.03 0.00
OXY_CHEM_DSASP 323612	27.28 -1.92 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	27.93 -1.87 0.00	25.82 -1.73 0.00	46.70 -2.94 0.00	32.20 -2.70 0.00	52.21 -4.48 0.00	40.45 -2.62 0.00	33.04 -1.14 0.00	27.78 -0.63 0.00	27.83 -0.68 0.00	26.76 -0.57 0.00	28.02 -0.30 0.00	32.21 -0.80 0.00	38.37 -1.34 0.00	35.58 -1.54 0.00	39.60 -1.83 0.00	36.70 -1.51 0.00	34.01 -1.90 0.00	27.83 -1.81 0.00	26.09 -1.70 0.00	26.20 -1.68 0.00	24.82 -1.32 0.00
OZONE_PARK_ESR 323760	30.82 1.61 0.00	29.40 1.48 0.00	29.46 1.37 0.00	31.30 1.50 0.00	29.01 1.45 0.00	52.00 2.36 0.00	36.72 1.81 0.00	59.69 2.99 0.00	45.54 2.48 0.00	36.34 2.16 0.00	30.46 2.04 0.00	30.59 2.08 0.00	29.29 1.97 0.00	30.18 1.87 0.00	35.27 2.25 0.00	42.40 2.69 0.00	39.65 2.53 0.00	44.34 2.91 0.00	40.86 2.64 0.00	38.54 2.62 0.00	31.77 2.12 0.00	29.84 2.06 0.00	29.92 2.04 0.00	28.18 2.04 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.28 -1.92 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	27.93 -1.87 0.00	25.82 -1.73 0.00	46.70 -2.94 0.00	32.20 -2.70 0.00	52.21 -4.48 0.00	40.45 -2.62 0.00	33.04 -1.14 0.00	27.78 -0.63 0.00	27.83 -0.68 0.00	26.76 -0.57 0.00	28.02 -0.30 0.00	32.21 -0.80 0.00	38.37 -1.34 0.00	35.58 -1.54 0.00	39.60 -1.83 0.00	36.70 -1.51 0.00	34.01 -1.90 0.00	27.83 -1.81 0.00	26.09 -1.70 0.00	26.20 -1.68 0.00	24.82 -1.32 0.00
PACKARD__115KV_DUPONT_184 80571	27.19 -2.02 0.00	26.07 -1.84 0.00	26.28 -1.81 0.00	27.85 -1.95 0.00	25.75 -1.81 0.00	46.55 -3.08 0.00	32.05 -2.83 0.01	52.02 -4.67 0.01	40.32 -2.74 0.00	32.93 -1.25 0.00	27.70 -0.71 0.00	27.73 -0.78 0.00	26.66 -0.65 0.00	27.92 -0.39 0.00	32.10 -0.90 0.01	38.24 -1.47 0.00	35.47 -1.65 0.00	39.46 -1.97 0.00	36.58 -1.63 0.00	33.89 -2.02 0.00	27.71 -1.92 0.01	25.99 -1.78 0.01	26.11 -1.77 0.00	24.69 -1.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.38 1.17 0.00	28.99 1.08 0.00	29.08 0.99 0.00	30.93 1.13 0.00	28.65 1.10 0.00	51.28 1.65 0.00	36.31 1.41 0.00	59.00 2.31 0.00	45.01 1.95 0.00	35.92 1.74 0.00	30.09 1.67 0.00	30.21 1.70 0.00	28.90 1.58 0.00	29.76 1.45 0.00	34.80 1.79 0.00	41.87 2.16 0.00	39.15 2.03 0.00	43.74 2.31 0.00	40.33 2.12 0.00	38.05 2.13 0.00	31.38 1.73 0.00	29.49 1.70 0.00	29.54 1.67 0.00	27.85 1.71 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.47 1.27 0.00	29.09 1.18 0.00	29.19 1.10 0.00	31.02 1.22 0.00	28.74 1.19 0.00	51.52 1.88 0.00	36.44 1.54 0.00	59.28 2.59 0.00	45.24 2.18 0.00	36.09 1.91 0.00	30.18 1.76 0.00	30.25 1.74 0.00	28.92 1.60 0.00	29.77 1.45 0.00	34.82 1.81 0.00	41.93 2.22 0.00	39.21 2.09 0.00	43.79 2.36 0.00	40.40 2.19 0.00	38.08 2.16 0.00	31.39 1.75 0.00	29.51 1.73 0.00	29.61 1.74 0.00	27.90 1.76 0.00
PATROON__115KV_TB1 80586	29.59 0.38 0.00	28.28 0.36 0.00	28.45 0.36 0.00	30.19 0.40 0.00	27.93 0.37 0.00	50.21 0.58 0.00	35.43 0.53 0.00	57.57 0.87 0.00	43.53 0.47 0.00	34.33 0.15 0.00	28.54 0.12 0.00	28.61 0.10 0.00	27.50 0.17 0.00	28.45 0.13 0.00	33.35 0.34 0.00	40.16 0.45 0.00	37.67 0.55 0.00	42.06 0.63 0.00	38.68 0.47 0.00	36.47 0.55 0.00	30.16 0.52 0.00	28.27 0.48 0.00	28.35 0.48 0.00	26.55 0.41 0.00
PATTRSNVILLE___SOLAR 323815	30.21 1.00 0.00	28.87 0.95 0.00	29.05 0.96 0.00	30.84 1.04 0.00	28.52 0.97 0.00	51.40 1.76 0.00	36.23 1.33 0.00	58.79 2.09 0.00	44.17 1.11 0.00	34.73 0.55 0.00	28.82 0.40 0.00	28.85 0.34 0.00	27.62 0.29 0.00	28.60 0.28 0.00	33.49 0.48 0.00	40.66 0.95 0.00	38.35 1.22 0.00	42.87 1.44 0.00	39.50 1.28 0.00	37.15 1.23 0.00	30.67 1.03 0.00	28.76 0.97 0.00	28.82 0.95 0.00	27.01 0.88 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.93 -0.28 0.00	27.69 -0.23 0.00	27.94 -0.15 0.00	29.67 -0.13 0.00	27.44 -0.11 0.00	49.68 0.04 0.00	34.26 -0.64 0.00	55.70 -1.00 0.00	43.09 0.02 0.00	35.18 1.00 0.00	29.56 1.15 0.00	29.67 1.16 0.00	28.53 1.21 0.00	29.85 1.53 0.00	34.35 1.33 0.00	41.00 1.30 0.00	37.93 0.81 0.00	42.22 0.79 0.00	39.10 0.89 0.00	36.29 0.38 0.00	29.70 0.06 0.00	27.88 0.10 0.00	27.88 0.01 0.00	26.27 0.14 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.64 1.44 0.00	29.25 1.34 0.00	29.34 1.25 0.00	31.17 1.37 0.00	28.88 1.32 0.00	51.87 2.24 0.00	36.65 1.75 0.00	59.58 2.88 0.00	45.35 2.29 0.00	36.10 1.92 0.00	30.27 1.85 0.00	30.35 1.84 0.00	29.06 1.74 0.00	30.02 1.70 0.00	35.10 2.09 0.00	42.17 2.47 0.00	39.43 2.30 0.00	44.15 2.71 0.00	40.69 2.48 0.00	38.34 2.43 0.00	31.62 1.97 0.00	29.68 1.90 0.00	29.73 1.86 0.00	27.95 1.81 0.00
PEEKSKILL____ 23653	30.30 1.09 0.00	28.93 1.02 0.00	29.01 0.92 0.00	30.82 1.02 0.00	28.55 1.00 0.00	51.22 1.58 0.00	36.16 1.26 0.00	58.75 2.05 0.00	44.73 1.67 0.00	35.64 1.46 0.00	29.80 1.39 0.00	29.94 1.43 0.00	28.67 1.35 0.00	29.60 1.29 0.00	34.60 1.59 0.00	41.60 1.89 0.00	38.91 1.79 0.00	43.53 2.09 0.00	40.12 1.91 0.00	37.83 1.91 0.00	31.20 1.56 0.00	29.32 1.53 0.00	29.38 1.51 0.00	27.66 1.52 0.00

PGE MADISON___WINDPWR 24146	31.41 2.20 0.00	29.99 2.08 0.00	30.27 2.18 0.00	32.52 2.32 -0.41	30.02 2.18 -0.28	54.54 4.57 -0.34	38.48 3.43 -0.14	63.43 5.72 -1.01	49.55 4.09 -2.39	37.94 3.18 -0.57	32.00 2.51 -1.07	30.90 2.16 -0.23	29.49 1.75 -0.42	30.79 1.72 -0.74	35.43 1.91 -0.51	42.65 2.49 -0.46	40.70 2.39 -1.19	45.16 3.01 -0.72	41.38 2.70 -0.48	38.27 2.36 0.00	31.59 1.81 -0.14	30.15 1.54 -0.82	29.40 1.52 0.00	27.54 1.41 0.00
PIERCEFIELD___HYD 23852	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.13 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.72 0.71 0.00	40.51 0.80 0.00	37.93 0.81 0.00	49.88 0.81 -7.63	48.76 0.83 -9.71	36.61 0.70 0.00	30.22 0.58 0.00	28.27 0.49 0.00	28.37 0.50 0.00	26.34 0.20 0.00
PINELAWN_CC_1 323563	31.03 1.82 0.00	32.24 1.83 -2.49	29.57 1.48 0.00	31.56 1.76 0.00	29.35 1.79 0.00	52.11 2.47 0.00	36.77 1.87 0.00	59.97 3.27 0.00	45.52 2.46 0.00	35.86 1.68 0.00	29.93 1.51 0.00	29.86 1.35 0.00	28.59 1.27 0.00	29.98 1.66 0.00	36.28 2.44 -0.82	42.35 2.64 0.00	39.63 2.50 0.00	45.54 3.03 -1.09	46.01 2.89 -4.91	38.62 2.70 0.00	31.82 2.17 0.00	30.10 2.32 0.00	30.25 2.26 -0.12	28.21 2.08 0.00
PJM_GEN_HTP_PROXY 323702	30.51 1.30 0.00	29.11 1.20 0.00	29.19 1.10 0.00	31.02 1.22 0.00	28.74 1.18 0.00	51.51 1.88 0.00	36.36 1.46 0.00	59.09 2.39 0.00	45.07 1.98 -0.03	35.95 1.77 0.00	30.01 1.70 0.11	30.25 1.75 0.00	28.98 1.66 0.00	29.87 1.55 0.00	34.90 1.89 0.00	41.96 2.25 0.00	39.24 2.11 0.00	43.86 2.43 0.00	40.41 2.20 0.00	38.11 2.20 0.00	31.42 1.78 0.00	29.53 1.74 0.00	29.60 1.73 0.00	27.89 1.75 0.00
PJM_GEN_KEystone 24065	29.19 -0.02 0.00	24.14 -0.04 3.74	22.53 -0.05 5.52	21.22 0.00 8.57	26.22 0.04 1.38	48.84 0.02 0.81	34.04 -0.20 0.66	51.67 -0.34 4.69	32.03 0.05 11.08	34.10 0.53 0.61	23.33 0.60 5.69	28.19 0.73 1.05	26.07 0.69 1.94	25.62 0.75 3.45	31.45 0.78 2.35	38.38 0.83 2.15	32.07 0.49 5.55	38.64 0.60 3.39	36.60 0.61 2.23	36.48 0.57 0.00	29.37 0.38 0.66	24.37 0.42 3.84	28.30 0.43 0.00	26.65 0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.75 1.55 0.00	30.77 1.55 -1.31	29.32 1.23 0.00	31.28 1.48 0.00	29.07 1.51 0.00	51.66 2.03 0.00	36.46 1.56 0.00	59.40 2.70 0.00	45.10 2.01 -0.03	35.60 1.42 0.00	29.65 1.35 0.11	29.73 1.22 0.00	28.49 1.17 0.00	29.80 1.48 0.00	35.79 2.17 -0.61	41.98 2.27 0.00	39.24 2.11 0.00	44.97 2.53 -1.00	45.17 2.43 -4.53	38.22 2.30 0.00	31.50 1.85 0.00	29.79 2.00 0.00	29.87 1.92 -0.08	27.92 1.78 0.00
PJM_GEN_VFT_PROXY 323633	30.48 1.27 0.00	29.08 1.17 0.00	29.14 1.05 0.00	30.94 1.14 0.00	28.68 1.12 0.00	51.38 1.75 0.00	36.28 1.38 0.00	58.93 2.23 0.00	44.97 1.88 -0.03	35.89 1.71 0.00	29.98 1.67 0.11	30.23 1.72 0.00	28.93 1.61 0.00	29.81 1.50 0.00	34.85 1.84 0.00	41.91 2.20 0.00	39.20 2.07 0.00	43.81 2.38 0.00	40.37 2.16 0.00	38.10 2.18 0.00	31.41 1.77 0.00	29.52 1.73 0.00	29.59 1.72 0.00	27.90 1.76 0.00
PLATSBURG_115KV_PMLD1 355749	30.52 1.31 0.00	29.17 1.25 0.00	29.34 1.25 0.00	31.13 1.33 0.00	28.74 1.19 0.00	51.67 2.04 0.00	36.20 1.30 0.00	58.50 1.80 0.00	44.95 1.89 0.00	35.52 1.34 0.00	29.38 0.97 0.00	29.37 0.86 0.00	28.09 0.76 0.00	29.10 0.78 0.00	33.71 0.70 0.00	40.36 0.66 0.00	37.26 0.14 0.00	-5.67 -0.85 46.26	-21.28 -0.58 58.91	35.62 -0.29 0.00	29.55 -0.10 0.00	27.90 0.11 0.00	28.04 0.17 0.00	25.71 -0.43 0.00
PLEASANTVLY___LBMP 24000	30.18 0.97 0.00	28.81 0.90 0.00	28.92 0.83 0.00	30.72 0.92 0.00	28.45 0.90 0.00	51.01 1.38 0.00	36.01 1.10 0.00	58.50 1.81 0.00	44.51 1.44 0.00	35.43 1.25 0.00	29.58 1.16 0.00	29.71 1.20 0.00	28.46 1.13 0.00	29.39 1.08 0.00	34.36 1.34 0.00	41.31 1.61 0.00	38.66 1.53 0.00	43.21 1.78 0.00	39.83 1.62 0.00	37.55 1.63 0.00	30.98 1.34 0.00	29.10 1.32 0.00	29.18 1.30 0.00	27.44 1.31 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.42 1.21 0.00	29.04 1.12 0.00	29.12 1.03 0.00	30.94 1.14 0.00	28.66 1.10 0.00	51.38 1.74 0.00	36.27 1.37 0.00	58.96 2.26 0.00	44.90 1.84 0.00	35.78 1.60 0.00	29.92 1.51 0.00	30.06 1.56 0.00	28.78 1.46 0.00	29.72 1.40 0.00	34.74 1.73 0.00	41.76 2.05 0.00	39.05 1.93 0.00	43.69 2.25 0.00	40.25 2.04 0.00	37.95 2.03 0.00	31.30 1.66 0.00	29.41 1.63 0.00	29.47 1.60 0.00	27.73 1.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.42 1.21 0.00	29.04 1.12 0.00	29.12 1.03 0.00	30.94 1.14 0.00	28.66 1.10 0.00	51.38 1.74 0.00	36.27 1.37 0.00	58.96 2.26 0.00	44.90 1.84 0.00	35.78 1.60 0.00	29.92 1.51 0.00	30.06 1.56 0.00	28.78 1.46 0.00	29.72 1.40 0.00	34.74 1.73 0.00	41.76 2.05 0.00	39.05 1.93 0.00	43.69 2.25 0.00	40.25 2.04 0.00	37.95 2.03 0.00	31.30 1.66 0.00	29.41 1.63 0.00	29.47 1.60 0.00	27.73 1.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.44 1.23 0.00	29.06 1.14 0.00	29.17 1.08 0.00	30.99 1.19 0.00	28.69 1.14 0.00	51.51 1.88 0.00	36.39 1.48 0.00	59.13 2.43 0.00	44.96 1.90 0.00	35.73 1.55 0.00	29.81 1.39 0.00	29.88 1.37 0.00	28.64 1.32 0.00	29.58 1.27 0.00	34.58 1.57 0.00	41.68 1.98 0.00	39.04 1.91 0.00	43.69 2.26 0.00	40.28 2.07 0.00	37.86 1.95 0.00	31.26 1.61 0.00	29.35 1.56 0.00	29.45 1.57 0.00	27.62 1.48 0.00
POLETTI___ 23519	30.53 1.32 0.00	29.13 1.22 0.00	29.21 1.12 0.00	31.03 1.24 0.00	28.75 1.20 0.00	51.50 1.87 0.00	36.32 1.42 0.00	58.98 2.28 0.00	44.99 1.93 0.00	35.92 1.73 0.00	30.13 1.72 0.00	30.28 1.77 0.00	29.00 1.68 0.00	29.85 1.53 0.00	34.87 1.85 0.00	41.92 2.21 0.00	39.20 2.08 0.00	43.81 2.38 0.00	40.37 2.16 0.00	38.08 2.16 0.00	31.41 1.77 0.00	29.51 1.73 0.00	29.61 1.73 0.00	27.93 1.79 0.00
POMONA___ESR 323819	30.28 1.07 0.00	28.91 1.00 0.00	29.01 0.92 0.00	30.81 1.01 0.00	28.55 0.99 0.00	51.24 1.61 0.00	36.18 1.28 0.00	58.79 2.09 0.00	44.75 1.69 0.00	35.67 1.49 0.00	29.80 1.38 0.00	29.95 1.44 0.00	28.67 1.35 0.00	29.62 1.30 0.00	34.62 1.61 0.00	41.62 1.92 0.00	38.91 1.79 0.00	43.53 2.09 0.00	40.12 1.91 0.00	37.83 1.92 0.00	31.21 1.56 0.00	29.32 1.54 0.00	29.38 1.51 0.00	27.66 1.52 0.00
PORT_JEFF_3 23555	31.02 1.82 0.00	32.31 1.90 -2.49	29.56 1.47 0.00	31.63 1.84 0.00	29.44 1.89 0.00	52.26 2.63 0.00	36.78 1.88 0.00	60.02 3.32 0.00	45.53 2.47 0.00	35.65 1.47 0.00	29.79 1.37 0.00	29.70 1.19 0.00	28.46 1.13 0.00	29.91 1.59 0.00	36.24 2.46 -0.76	42.33 2.63 0.00	39.52 2.40 0.00	45.51 3.04 -1.04	45.86 2.97 -4.68	38.72 2.81 0.00	31.89 2.25 0.00	30.19 2.40 0.00	30.35 2.36 -0.12	28.29 2.15 0.00

PORT_JEFF_4 23616	31.02 1.82 0.00	32.31 1.90 -2.49	29.56 1.47 0.00	31.63 1.84 0.00	29.44 1.89 0.00	52.26 2.63 0.00	36.78 1.88 0.00	60.02 3.32 0.00	45.53 2.47 0.00	35.65 1.47 0.00	29.79 1.37 0.00	29.70 1.19 0.00	28.46 1.13 0.00	29.91 1.59 0.00	36.24 2.46 -0.76	42.33 2.63 0.00	39.52 2.40 0.00	45.51 3.04 -1.04	45.86 2.97 -4.68	38.72 2.81 0.00	31.89 2.25 0.00	30.19 2.40 0.00	30.35 2.36 -0.12	28.29 2.15 0.00
PORT_JEFF_IC 23713	31.03 1.83 0.00	32.33 1.92 -2.49	29.57 1.48 0.00	31.65 1.85 0.00	29.46 1.91 0.00	52.28 2.65 0.00	36.79 1.89 0.00	60.03 3.33 0.00	45.56 2.50 0.00	35.64 1.46 0.00	29.78 1.36 0.00	29.69 1.18 0.00	28.45 1.13 0.00	29.91 1.59 0.00	36.24 2.46 -0.77	42.30 2.60 0.00	39.47 2.34 0.00	45.49 3.02 -1.04	45.87 2.97 -4.69	38.77 2.85 0.00	31.93 2.28 0.00	30.22 2.43 0.00	30.38 2.38 -0.12	28.30 2.17 0.00
PPL_PILGRIM_ST_GT1 24216	31.16 1.95 0.00	32.40 1.99 -2.49	29.68 1.59 0.00	31.72 1.92 0.00	29.51 1.95 0.00	52.34 2.71 0.00	36.89 1.98 0.00	60.19 3.49 0.00	45.68 2.62 0.00	35.91 1.73 0.00	30.01 1.59 0.00	29.92 1.41 0.00	28.65 1.33 0.00	30.08 1.76 0.00	36.40 2.62 -0.77	42.52 2.81 0.00	39.76 2.64 0.00	45.66 3.18 -1.04	46.01 3.07 -4.72	38.79 2.87 0.00	31.94 2.30 0.00	30.24 2.45 0.00	30.41 2.42 -0.12	28.36 2.23 0.00
PPL_PILGRIM_ST_GT2 24217	31.16 1.95 0.00	32.40 1.99 -2.49	29.68 1.59 0.00	31.72 1.92 0.00	29.51 1.95 0.00	52.34 2.71 0.00	36.89 1.98 0.00	60.19 3.49 0.00	45.68 2.62 0.00	35.91 1.73 0.00	30.01 1.59 0.00	29.92 1.41 0.00	28.65 1.33 0.00	30.08 1.76 0.00	36.40 2.62 -0.77	42.52 2.81 0.00	39.76 2.64 0.00	45.66 3.18 -1.04	46.01 3.07 -4.72	38.79 2.87 0.00	31.94 2.30 0.00	30.24 2.45 0.00	30.41 2.42 -0.12	28.36 2.23 0.00
PPL_SHRM_GT3 24213	30.83 1.62 0.00	32.33 1.92 -2.49	29.42 1.33 0.00	31.69 1.89 0.00	29.54 1.98 0.00	52.46 2.83 0.00	36.80 1.90 0.00	60.04 3.34 0.00	45.50 2.44 0.00	35.03 0.85 0.00	26.95 0.89 2.36	26.58 0.70 2.63	26.12 0.68 1.89	29.53 1.21 0.00	35.98 2.20 -0.76	42.31 2.61 0.00	39.39 2.27 0.00	45.84 3.37 -1.04	46.10 3.20 -4.69	38.84 2.93 0.00	31.99 2.35 0.00	30.29 2.51 0.00	30.45 2.45 -0.12	28.34 2.20 0.00
PPL_SHRM_GT4 24214	30.83 1.62 0.00	32.33 1.92 -2.49	29.42 1.33 0.00	31.69 1.89 0.00	29.54 1.98 0.00	52.46 2.83 0.00	36.80 1.90 0.00	60.04 3.34 0.00	45.50 2.44 0.00	35.03 0.85 0.00	26.95 0.89 2.36	26.58 0.70 2.63	26.12 0.68 1.89	29.53 1.21 0.00	35.98 2.20 -0.76	42.31 2.61 0.00	39.39 2.27 0.00	45.84 3.37 -1.04	46.10 3.20 -4.69	38.84 2.93 0.00	31.99 2.35 0.00	30.29 2.51 0.00	30.45 2.45 -0.12	28.34 2.20 0.00
PROJECT___ORANGE 1 24174	28.64 -0.56 0.00	27.35 -0.57 0.00	27.54 -0.55 0.00	29.23 -0.57 0.00	27.04 -0.52 0.00	48.82 -0.81 0.00	34.35 -0.55 0.00	55.86 -0.84 0.00	42.48 -0.58 0.00	33.78 -0.41 0.00	28.10 -0.31 0.00	28.18 -0.33 0.00	27.02 -0.30 0.00	28.04 -0.28 0.00	32.68 -0.34 0.00	39.31 -0.40 0.00	36.77 -0.35 0.00	41.11 -0.32 0.00	37.91 -0.31 0.00	35.54 -0.37 0.00	29.28 -0.36 0.00	27.40 -0.38 0.00	27.47 -0.40 0.00	25.78 -0.35 0.00
PROJECT___ORANGE 2 24166	28.64 -0.56 0.00	27.35 -0.57 0.00	27.54 -0.55 0.00	29.23 -0.57 0.00	27.04 -0.52 0.00	48.82 -0.81 0.00	34.35 -0.55 0.00	55.86 -0.84 0.00	42.48 -0.58 0.00	33.78 -0.41 0.00	28.10 -0.31 0.00	28.18 -0.33 0.00	27.02 -0.30 0.00	28.04 -0.28 0.00	32.68 -0.34 0.00	39.31 -0.40 0.00	36.77 -0.35 0.00	41.11 -0.32 0.00	37.91 -0.31 0.00	35.54 -0.37 0.00	29.28 -0.36 0.00	27.40 -0.38 0.00	27.47 -0.40 0.00	25.78 -0.35 0.00
PUCKETT___SOLAR 323809	29.77 0.57 0.00	28.41 0.50 0.00	28.65 0.56 0.00	30.94 0.60 -0.54	28.49 0.57 -0.37	51.35 1.27 -0.45	36.00 0.91 -0.19	59.60 1.56 -1.34	47.41 1.19 -3.17	36.00 1.06 -0.76	30.66 0.83 -1.42	29.64 0.83 -0.30	28.44 0.57 -0.55	29.87 0.56 -0.98	34.34 0.65 -0.67	41.14 0.82 -0.61	39.37 0.67 -1.59	43.28 0.88 -0.97	39.66 0.81 -0.64	36.59 0.67 0.00	30.33 0.50 -0.19	29.26 0.38 -1.10	28.25 0.38 0.00	26.51 0.38 0.00
PYRITES___HYD 24023	32.69 3.48 0.00	31.14 3.22 0.00	31.23 3.14 0.00	33.16 3.37 0.00	30.80 3.25 0.00	56.14 6.51 0.00	39.82 4.92 0.00	64.63 7.93 0.00	47.79 4.72 0.00	37.06 2.88 0.00	31.17 2.75 0.00	31.14 2.63 0.00	28.87 1.55 0.00	29.52 1.21 0.00	33.89 0.88 0.00	40.92 1.21 0.00	38.56 1.43 0.00	49.91 1.62 -6.86	48.53 1.58 -8.74	37.31 1.40 0.00	30.78 1.14 0.00	28.78 0.99 0.00	28.85 0.97 0.00	26.77 0.63 0.00
QUAKERRD_115KV_BK1 80622	27.71 -1.50 0.00	26.50 -1.42 0.00	26.67 -1.42 0.00	28.28 -1.52 0.00	26.17 -1.38 0.00	47.33 -2.30 0.00	33.09 -1.81 0.00	53.81 -2.89 0.00	41.20 -1.86 0.00	33.18 -1.00 0.00	27.71 -0.71 0.00	27.77 -0.74 0.00	26.66 -0.67 0.00	27.79 -0.53 0.00	32.22 -0.79 0.00	38.64 -1.07 0.00	36.00 -1.12 0.00	40.18 -1.25 0.00	37.11 -1.10 0.00	34.65 -1.27 0.00	28.43 -1.22 0.00	26.61 -1.18 0.00	26.64 -1.23 0.00	25.03 -1.11 0.00
QUENSBRY_115KV_TB8 356137	30.51 1.30 0.00	29.19 1.27 0.00	29.36 1.27 0.00	31.17 1.37 0.00	28.85 1.29 0.00	51.89 2.25 0.00	36.70 1.80 0.00	59.54 2.85 0.00	44.85 1.79 0.00	35.06 0.88 0.00	29.13 0.71 0.00	29.06 0.54 0.00	27.91 0.59 0.00	28.92 0.60 0.00	34.18 1.16 0.00	41.27 1.56 0.00	38.95 1.82 0.00	43.55 2.12 0.00	40.00 1.79 0.00	37.77 1.85 0.00	31.16 1.51 0.00	29.16 1.37 0.00	29.38 1.50 0.00	27.30 1.17 0.00
RAMAPO___LBMP 323565	30.17 0.96 0.00	28.80 0.89 0.00	28.90 0.81 0.00	30.70 0.90 0.00	28.44 0.89 0.00	51.07 1.44 0.00	36.06 1.16 0.00	58.58 1.87 0.00	44.58 1.52 0.00	35.52 1.34 0.00	29.68 1.26 0.00	29.82 1.31 0.00	28.54 1.22 0.00	29.49 1.17 0.00	34.46 1.45 0.00	41.44 1.74 0.00	38.74 1.62 0.00	43.35 1.92 0.00	39.96 1.75 0.00	37.69 1.77 0.00	31.09 1.45 0.00	29.22 1.44 0.00	29.28 1.41 0.00	27.56 1.43 0.00
RANKINE____ 23646	28.38 -0.82 0.00	27.19 -0.72 0.00	27.43 -0.66 0.00	29.10 -0.69 0.00	26.92 -0.64 0.00	48.76 -0.87 0.00	33.69 -1.22 0.00	54.75 -1.95 0.00	42.35 -0.71 0.00	34.59 0.40 0.00	29.06 0.64 0.00	29.13 0.63 0.00	28.01 0.69 0.00	29.31 0.99 0.00	33.72 0.71 0.00	40.21 0.51 0.00	37.25 0.12 0.00	41.49 0.05 0.00	38.41 0.20 0.00	35.62 -0.30 0.00	29.11 -0.54 0.00	27.29 -0.50 0.00	27.30 -0.57 0.00	25.74 -0.39 0.00
RAVENSWOOD_GT2_1 24244	30.54 1.33 0.00	29.15 1.23 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.54 1.90 0.00	36.39 1.49 0.00	59.11 2.42 0.00	45.08 2.02 0.00	35.96 1.78 0.00	30.15 1.73 0.00	30.28 1.77 0.00	28.99 1.66 0.00	29.88 1.56 0.00	34.91 1.90 0.00	41.96 2.26 0.00	39.24 2.11 0.00	43.86 2.43 0.00	40.42 2.20 0.00	38.13 2.21 0.00	31.44 1.79 0.00	29.54 1.76 0.00	29.61 1.74 0.00	27.90 1.76 0.00



RAVENSWOOD_GT2_2 24245	30.54 1.33 0.00	29.15 1.23 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.54 1.90 0.00	36.39 1.49 0.00	59.11 2.42 0.00	45.08 2.02 0.00	35.96 1.78 0.00	30.15 1.73 0.00	30.28 1.77 0.00	28.99 1.66 0.00	29.88 1.56 0.00	34.91 1.90 0.00	41.96 2.26 0.00	39.24 2.11 0.00	43.86 2.43 0.00	40.42 2.20 0.00	38.13 2.21 0.00	31.44 1.79 0.00	29.54 1.76 0.00	29.61 1.74 0.00	27.90 1.76 0.00
RAVENSWOOD_GT2_3 24246	30.56 1.35 0.00	29.16 1.24 0.00	29.23 1.14 0.00	31.06 1.26 0.00	28.78 1.23 0.00	51.56 1.93 0.00	36.40 1.50 0.00	59.15 2.45 0.00	45.11 2.05 0.00	35.99 1.81 0.00	30.16 1.75 0.00	30.30 1.79 0.00	29.01 1.68 0.00	29.90 1.58 0.00	34.93 1.92 0.00	42.00 2.29 0.00	39.27 2.15 0.00	43.89 2.46 0.00	40.44 2.23 0.00	38.15 2.23 0.00	31.46 1.81 0.00	29.55 1.77 0.00	29.63 1.76 0.00	27.92 1.78 0.00
RAVENSWOOD_GT2_4 24247	30.56 1.35 0.00	29.16 1.24 0.00	29.23 1.14 0.00	31.06 1.26 0.00	28.78 1.23 0.00	51.56 1.93 0.00	36.40 1.50 0.00	59.15 2.45 0.00	45.11 2.05 0.00	35.99 1.81 0.00	30.16 1.75 0.00	30.30 1.79 0.00	29.01 1.68 0.00	29.90 1.58 0.00	34.93 1.92 0.00	42.00 2.29 0.00	39.27 2.15 0.00	43.89 2.46 0.00	40.44 2.23 0.00	38.15 2.23 0.00	31.46 1.81 0.00	29.55 1.77 0.00	29.63 1.76 0.00	27.92 1.78 0.00
RAVENSWOOD_GT3_1 24248	30.54 1.33 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.54 1.91 0.00	36.39 1.49 0.00	59.11 2.42 0.00	45.08 2.02 0.00	35.97 1.79 0.00	30.15 1.73 0.00	30.28 1.77 0.00	28.99 1.67 0.00	29.89 1.57 0.00	34.92 1.91 0.00	41.96 2.26 0.00	39.24 2.12 0.00	43.87 2.44 0.00	40.42 2.21 0.00	38.13 2.22 0.00	31.44 1.80 0.00	29.54 1.76 0.00	29.62 1.74 0.00	27.90 1.77 0.00
RAVENSWOOD_GT3_2 24249	30.54 1.33 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.54 1.91 0.00	36.39 1.49 0.00	59.11 2.42 0.00	45.08 2.02 0.00	35.97 1.79 0.00	30.15 1.73 0.00	30.28 1.77 0.00	28.99 1.67 0.00	29.89 1.57 0.00	34.92 1.91 0.00	41.96 2.26 0.00	39.24 2.12 0.00	43.87 2.44 0.00	40.42 2.21 0.00	38.13 2.22 0.00	31.44 1.80 0.00	29.54 1.76 0.00	29.62 1.74 0.00	27.90 1.77 0.00
RAVENSWOOD_GT3_3 24250	30.58 1.37 0.00	29.18 1.27 0.00	29.26 1.17 0.00	31.09 1.29 0.00	28.81 1.25 0.00	51.61 1.98 0.00	36.44 1.53 0.00	59.21 2.51 0.00	45.16 2.10 0.00	36.03 1.85 0.00	30.20 1.78 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.94 1.62 0.00	34.97 1.96 0.00	42.04 2.34 0.00	39.31 2.19 0.00	43.94 2.51 0.00	40.49 2.27 0.00	38.19 2.27 0.00	31.50 1.85 0.00	29.59 1.80 0.00	29.66 1.79 0.00	27.94 1.81 0.00
RAVENSWOOD_GT3_4 24251	30.58 1.37 0.00	29.18 1.27 0.00	29.26 1.17 0.00	31.09 1.29 0.00	28.81 1.25 0.00	51.61 1.98 0.00	36.44 1.53 0.00	59.21 2.51 0.00	45.16 2.10 0.00	36.03 1.85 0.00	30.20 1.78 0.00	30.33 1.82 0.00	29.04 1.72 0.00	29.94 1.62 0.00	34.97 1.96 0.00	42.04 2.34 0.00	39.31 2.19 0.00	43.94 2.51 0.00	40.49 2.27 0.00	38.19 2.27 0.00	31.50 1.85 0.00	29.59 1.80 0.00	29.66 1.79 0.00	27.94 1.81 0.00
RAVENSWOOD_GT_1 23729	30.57 1.36 0.00	29.17 1.26 0.00	29.25 1.16 0.00	31.11 1.31 0.00	28.84 1.29 0.00	51.62 1.99 0.00	36.47 1.57 0.00	59.24 2.54 0.00	45.21 2.15 0.00	36.11 1.														

RAVENSWOOD_GT_9 24257	30.55 1.34 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.21 0.00	51.55 1.92 0.00	36.39 1.49 0.00	59.12 2.42 0.00	45.08 2.02 0.00	35.97 1.79 0.00	30.15 1.73 0.00	30.28 1.77 0.00	28.99 1.67 0.00	29.88 1.56 0.00	34.92 1.91 0.00	41.96 2.26 0.00	39.24 2.12 0.00	43.87 2.44 0.00	40.42 2.21 0.00	38.13 2.22 0.00	31.44 1.80 0.00	29.55 1.76 0.00	29.62 1.74 0.00	27.90 1.77 0.00
RAVENSWOOD___1 23533	30.51 1.31 0.00	29.12 1.21 0.00	29.20 1.11 0.00	31.04 1.25 0.00	28.78 1.22 0.00	51.52 1.88 0.00	36.39 1.49 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.01 1.83 0.00	30.20 1.79 0.00	30.33 1.82 0.00	29.03 1.71 0.00	29.92 1.61 0.00	34.94 1.93 0.00	41.99 2.29 0.00	39.27 2.14 0.00	43.88 2.45 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.44 1.80 0.00	29.55 1.76 0.00	29.61 1.74 0.00	27.92 1.78 0.00
RAVENSWOOD___2 23534	30.51 1.31 0.00	29.12 1.21 0.00	29.20 1.11 0.00	31.04 1.25 0.00	28.78 1.22 0.00	51.52 1.88 0.00	36.39 1.49 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.01 1.83 0.00	30.20 1.79 0.00	30.33 1.82 0.00	29.03 1.71 0.00	29.92 1.61 0.00	34.94 1.93 0.00	41.99 2.29 0.00	39.27 2.14 0.00	43.88 2.45 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.44 1.80 0.00	29.55 1.76 0.00	29.61 1.74 0.00	27.92 1.78 0.00
RAVENSWOOD___3 23535	30.54 1.33 0.00	29.15 1.24 0.00	29.22 1.13 0.00	31.05 1.26 0.00	28.77 1.22 0.00	51.55 1.92 0.00	36.39 1.49 0.00	59.12 2.42 0.00	45.09 2.03 0.00	35.98 1.79 0.00	30.16 1.74 0.00	30.28 1.78 0.00	29.00 1.67 0.00	29.89 1.57 0.00	34.93 1.91 0.00	41.96 2.26 0.00	39.24 2.12 0.00	43.88 2.44 0.00	40.42 2.21 0.00	38.13 2.22 0.00	31.44 1.80 0.00	29.55 1.76 0.00	29.62 1.74 0.00	27.91 1.77 0.00
RAVENSWOOD___4 23820	30.51 1.31 0.00	29.12 1.21 0.00	29.20 1.11 0.00	31.04 1.25 0.00	28.78 1.22 0.00	51.52 1.88 0.00	36.39 1.49 0.00	59.12 2.42 0.00	45.11 2.05 0.00	36.01 1.83 0.00	30.20 1.79 0.00	30.33 1.82 0.00	29.03 1.71 0.00	29.92 1.61 0.00	34.94 1.93 0.00	41.99 2.29 0.00	39.27 2.14 0.00	43.88 2.45 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.44 1.80 0.00	29.55 1.76 0.00	29.61 1.74 0.00	27.92 1.78 0.00
RCPL_TRUST___DRP 24196	30.56 1.36 0.00	29.17 1.25 0.00	29.24 1.15 0.00	31.08 1.28 0.00	28.79 1.23 0.00	51.57 1.93 0.00	36.41 1.51 0.00	59.17 2.47 0.00	45.12 2.06 0.00	36.01 1.83 0.00	30.17 1.75 0.00	30.31 1.79 0.00	29.02 1.70 0.00	29.92 1.60 0.00	34.97 1.95 0.00	42.02 2.32 0.00	39.29 2.17 0.00	43.93 2.50 0.00	40.46 2.25 0.00	38.16 2.24 0.00	31.47 1.82 0.00	29.57 1.78 0.00	29.64 1.76 0.00	27.91 1.78 0.00
RED___ROCHESTER 323720	28.36 -0.84 0.00	27.11 -0.81 0.00	27.28 -0.80 0.00	28.14 -0.87 0.78	26.23 -0.78 0.54	47.79 -1.19 0.65	33.54 -1.09 0.27	53.08 -1.68 1.94	37.63 -0.84 4.60	33.01 -0.07 1.10	26.46 0.09 2.06	28.15 0.08 0.43	26.64 0.12 0.80	27.21 0.32 1.43	32.17 0.12 0.97	38.80 -0.03 0.87	34.70 -0.18 2.24	39.86 -0.20 1.37	37.21 -0.10 0.90	35.54 -0.38 0.00	28.86 -0.52 0.27	25.70 -0.53 1.55	27.27 -0.60 0.00	25.63 -0.51 0.00
REGAN___SOLAR 323812	31.12 1.92 0.00	29.72 1.81 0.00	29.90 1.81 0.00	31.74 1.94 0.00	29.38 1.83 0.00	53.11 3.48 0.00	37.48 2.57 0.00	60.74 4.04 0.00	44.90 1.84 0.00	34.79 0.61 0.00	29.19 0.77 0.00	28.98 0.47 0.00	27.62 0.30 0.00	28.54 0.22 0.00	33.39 0.38 0.00	41.22 1.52 0.00	39.49 2.37 0.00	44.23 2.80 0.00	40.82 2.61 0.00	38.31 2.39 0.00	31.57 1.92 0.00	29.58 1.80 0.00	29.59 1.71 0.00	27.72 1.58 0.00
RENSSELAER___COGEN 23796	29.42 0.21 0.00	28.12 0.20 0.00	28.30 0.21 0.00	30.02 0.23 0.00	27.77 0.21 0.00	49.91 0.28 0.00	35.20 0.29 0.00	57.19 0.49 0.00	43.26 0.20 0.00	34.11 -0.07 0.00	28.36 -0.05 0.00	28.44 -0.07 0.00	27.33 0.00 0.00	28.27 -0.05 0.00	33.13 0.11 0.00	39.86 0.16 0.00	37.41 0.28 0.00	41.76 0.33 0.00	38.42 0.21 0.00	36.23 0.31 0.00	29.98 0.33 0.00	28.10 0.32 0.00	28.19 0.31 0.00	26.40 0.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.03 2.82 0.00	30.71 2.79 0.00	30.88 2.80 0.00	32.84 3.04 0.00	30.35 2.79 0.00	54.48 4.85 0.00	38.66 3.75 0.00	62.44 5.74 0.00	46.88 3.83 0.00	36.27 2.09 0.00	30.26 1.84 0.00	30.15 1.64 0.00	29.06 1.73 0.00	30.14 1.82 0.00	35.99 2.97 0.00	43.43 3.73 0.00	41.29 4.17 0.00	46.26 4.83 0.00	42.33 4.12 0.00	40.10 4.18 0.00	32.99 3.35 0.00	30.75 2.96 0.00	31.19 3.32 0.00	28.64 2.50 0.00
REVERE_CPFR_DRP 24186	30.34 1.14 0.00	28.97 1.06 0.00	29.19 1.10 0.00	31.01 1.21 0.00	28.72 1.17 0.00	52.03 2.40 0.00	36.78 1.88 0.00	59.77 3.08 0.00	45.02 1.96 0.00	35.39 1.20 0.00	29.28 0.87 0.00	29.32 0.81 0.00	27.99 0.67 0.00	28.96 0.64 0.00	33.78 0.77 0.00	40.92 1.22 0.00	38.59 1.47 0.00	43.30 1.87 0.00	39.92 1.70 0.00	37.37 1.45 0.00	30.73 1.08 0.00	28.72 0.93 0.00	28.77 0.89 0.00	26.92 0.78 0.00
REYNOLDS_115KV_TB3 80639	29.68 0.48 0.00	28.37 0.46 0.00	28.56 0.47 0.00	30.30 0.51 0.00	28.02 0.47 0.00	50.35 0.72 0.00	35.49 0.59 0.00	57.68 0.98 0.00	43.61 0.55 0.00	34.36 0.18 0.00	28.56 0.15 0.00	28.64 0.13 0.00	27.51 0.19 0.00	28.47 0.15 0.00	33.40 0.38 0.00	40.14 0.44 0.00	37.67 0.55 0.00	42.05 0.62 0.00	38.66 0.44 0.00	36.49 0.57 0.00	30.21 0.57 0.00	28.33 0.54 0.00	28.42 0.54 0.00	26.61 0.48 0.00
RIVERBAY____ 323610	30.47 1.27 0.00	29.09 1.18 0.00	29.19 1.10 0.00	31.02 1.22 0.00	28.74 1.19 0.00	51.52 1.88 0.00	36.44 1.54 0.00	59.28 2.59 0.00	45.24 2.18 0.00	36.09 1.91 0.00	30.18 1.76 0.00	30.25 1.74 0.00	28.92 1.60 0.00	29.77 1.45 0.00	34.82 1.81 0.00	41.93 2.22 0.00	39.21 2.09 0.00	43.79 2.36 0.00	40.40 2.19 0.00	38.08 2.16 0.00	31.39 1.75 0.00	29.51 1.73 0.00	29.61 1.74 0.00	27.90 1.76 0.00
RIVERSDE_115KV_TB3 55908	29.56 0.36 0.00	28.26 0.34 0.00	28.44 0.35 0.00	30.17 0.38 0.00	27.91 0.35 0.00	50.16 0.52 0.00	35.37 0.47 0.00	57.47 0.78 0.00	43.48 0.41 0.00	34.27 0.09 0.00	28.49 0.07 0.00	28.56 0.05 0.00	27.45 0.12 0.00	28.40 0.08 0.00	33.30 0.28 0.00	40.05 0.35 0.00	37.58 0.45 0.00	41.95 0.52 0.00	38.57 0.36 0.00	36.39 0.47 0.00	30.12 0.47 0.00	28.23 0.45 0.00	28.32 0.45 0.00	26.52 0.38 0.00
ROARING___BROOK_WT_PWR 323790	29.23 0.02 0.00	28.01 0.09 0.00	28.20 0.11 0.00	29.92 0.13 0.00	27.67 0.11 0.00	49.86 0.22 0.00	35.01 0.11 0.00	56.87 0.17 0.00	43.19 0.13 0.00	34.28 0.09 0.00	28.46 0.05 0.00	28.54 0.04 0.00	27.35 0.03 0.00	28.35 0.03 0.00	33.01 0.00 0.00	39.67 -0.04 0.00	37.04 -0.08 0.00	41.29 -0.14 0.00	38.08 -0.13 0.00	35.68 -0.23 0.00	29.43 -0.22 0.00	27.57 -0.22 0.00	27.67 -0.20 0.00	25.88 -0.26 0.00

ROCHESRG_115KV_T4 355643	28.10 -1.11 0.00	26.88 -1.04 0.00	27.06 -1.03 0.00	28.68 -1.12 0.00	26.54 -1.01 0.00	48.00 -1.63 0.00	33.47 -1.43 0.00	54.43 -2.27 0.00	41.76 -1.30 0.00	33.74 -0.44 0.00	28.22 -0.20 0.00	28.28 -0.23 0.00	27.15 -0.17 0.00	28.33 0.02 0.00	32.79 -0.22 0.00	39.24 -0.47 0.00	36.53 -0.59 0.00	40.76 -0.68 0.00	37.67 -0.54 0.00	35.13 -0.79 0.00	28.80 -0.84 0.00	26.97 -0.82 0.00	27.00 -0.87 0.00	25.39 -0.74 0.00
ROCHESTER_9_IC 23652	28.24 -0.97 0.00	27.01 -0.90 0.00	27.19 -0.90 0.00	28.82 -0.97 0.00	26.67 -0.89 0.00	48.25 -1.38 0.00	33.66 -1.24 0.00	54.76 -1.94 0.00	42.01 -1.05 0.00	33.95 -0.23 0.00	28.40 -0.02 0.00	28.46 -0.05 0.00	27.32 -0.01 0.00	28.50 0.19 0.00	32.99 -0.02 0.00	39.48 -0.22 0.00	36.76 -0.37 0.00	41.02 -0.41 0.00	37.92 -0.29 0.00	35.35 -0.57 0.00	28.97 -0.67 0.00	27.12 -0.67 0.00	27.15 -0.73 0.00	25.52 -0.62 0.00
ROCKVIEW_13_KV_LD 356306	30.57 1.36 0.00	29.18 1.26 0.00	29.24 1.15 0.00	31.04 1.24 0.00	28.76 1.21 0.00	51.57 1.93 0.00	36.42 1.51 0.00	59.19 2.49 0.00	45.09 2.03 0.00	35.98 1.80 0.00	30.10 1.69 0.00	30.24 1.73 0.00	28.97 1.65 0.00	29.90 1.58 0.00	34.94 1.93 0.00	42.00 2.29 0.00	39.29 2.16 0.00	43.93 2.50 0.00	40.49 2.27 0.00	38.17 2.25 0.00	31.48 1.83 0.00	29.58 1.79 0.00	29.64 1.77 0.00	27.90 1.76 0.00
ROME____115KV_TB2 80656	30.34 1.14 0.00	28.97 1.06 0.00	29.19 1.10 0.00	31.01 1.21 0.00	28.72 1.17 0.00	52.03 2.40 0.00	36.78 1.88 0.00	59.77 3.08 0.00	45.02 1.96 0.00	35.39 1.20 0.00	29.28 0.87 0.00	29.32 0.81 0.00	27.99 0.67 0.00	28.96 0.64 0.00	33.78 0.77 0.00	40.92 1.22 0.00	38.59 1.47 0.00	43.30 1.87 0.00	39.92 1.70 0.00	37.37 1.45 0.00	30.73 1.08 0.00	28.72 0.93 0.00	28.77 0.89 0.00	26.92 0.78 0.00
ROSETON___1 23587	30.18 0.97 0.00	28.82 0.91 0.00	28.92 0.83 0.00	30.72 0.92 0.00	28.45 0.89 0.00	51.03 1.40 0.00	36.02 1.12 0.00	58.52 1.82 0.00	44.54 1.47 0.00	35.46 1.28 0.00	29.65 1.23 0.00	29.78 1.27 0.00	28.52 1.20 0.00	29.46 1.14 0.00	34.43 1.41 0.00	41.39 1.69 0.00	38.72 1.60 0.00	43.31 1.88 0.00	39.92 1.70 0.00	37.62 1.71 0.00	31.04 1.40 0.00	29.16 1.38 0.00	29.23 1.36 0.00	27.50 1.37 0.00
ROSETON___2 23588	30.18 0.97 0.00	28.82 0.91 0.00	28.92 0.83 0.00	30.72 0.92 0.00	28.45 0.89 0.00	51.03 1.40 0.00	36.02 1.12 0.00	58.52 1.82 0.00	44.54 1.47 0.00	35.46 1.28 0.00	29.65 1.23 0.00	29.78 1.27 0.00	28.52 1.20 0.00	29.46 1.14 0.00	34.43 1.41 0.00	41.39 1.69 0.00	38.72 1.60 0.00	43.31 1.88 0.00	39.92 1.70 0.00	37.62 1.71 0.00	31.04 1.40 0.00	29.16 1.38 0.00	29.23 1.36 0.00	27.50 1.37 0.00
ROTRRDAM_115KV_TB3 80664	29.91 0.71 0.00	28.59 0.67 0.00	28.77 0.68 0.00	30.53 0.74 0.00	28.23 0.67 0.00	50.81 1.18 0.00	35.82 0.92 0.00	58.16 1.46 0.00	43.94 0.88 0.00	34.67 0.48 0.00	28.80 0.39 0.00	28.87 0.36 0.00	27.66 0.34 0.00	28.66 0.34 0.00	33.54 0.52 0.00	40.45 0.75 0.00	37.99 0.86 0.00	42.42 0.99 0.00	39.08 0.87 0.00	36.80 0.88 0.00	30.41 0.76 0.00	28.51 0.72 0.00	28.59 0.72 0.00	26.79 0.66 0.00
RUSSELL___1 23602	28.35 -0.85 0.00	27.11 -0.81 0.00	27.28 -0.80 0.00	28.92 -0.88 0.00	26.77 -0.79 0.00	48.44 -1.19 0.00	33.81 -1.09 0.00	55.01 -1.69 0.00	42.21 -0.85 0.00	34.11 -0.07 0.00	28.53 0.11 0.00	28.59 0.08 0.00	27.45 0.12 0.00	28.64 0.32 0.00	33.15 0.13 0.00	39.68 -0.03 0.00	36.94 -0.18 0.00	41.23 -0.20 0.00	38.11 -0.10 0.00	35.54 -0.38 0.00	29.12 -0.52 0.00	27.25 -0.54 0.00	27.27 -0.60 0.00	25.63 -0.51 0.00
RUSSELL___2 23532	28.35 -0.85 0.00	27.11 -0.81 0.00	27.28 -0.80 0.00	28.92 -0.88 0.00	26.77 -0.79 0.00	48.44 -1.19 0.00	33.81 -1.09 0.00	55.01 -1.69 0.00	42.21 -0.85 0.00	34.11 -0.07 0.00	28.53 0.11 0.00	28.59 0.08 0.00	27.45 0.12 0.00	28.64 0.32 0.00	33.15 0.13 0.00	39.68 -0.03 0.00	36.94 -0.18 0.00	41.23 -0.20 0.00	38.11 -0.10 0.00	35.54 -0.38 0.00	29.12 -0.52 0.00	27.25 -0.54 0.00	27.27 -0.60 0.00	25.63 -0.51 0.00
RUSSELL___3 23549	28.35 -0.85 0.00	27.11 -0.81 0.00	27.28 -0.80 0.00	28.92 -0.88 0.00	26.77 -0.79 0.00	48.44 -1.19 0.00	33.81 -1.09 0.00	55.01 -1.69 0.00	42.21 -0.85 0.00	34.11 -0.07 0.00	28.53 0.11 0.00	28.59 0.08 0.00	27.45 0.12 0.00	28.64 0.32 0.00	33.15 0.13 0.00	39.68 -0.03 0.00	36.94 -0.18 0.00	41.23 -0.20 0.00	38.11 -0.10 0.00	35.54 -0.38 0.00	29.12 -0.52 0.00	27.25 -0.54 0.00	27.27 -0.60 0.00	25.63 -0.51 0.00
RUSSELL___4 23556	28.35 -0.85 0.00	27.11 -0.81 0.00	27.28 -0.80 0.00	28.92 -0.88 0.00	26.77 -0.79 0.00	48.44 -1.19 0.00	33.81 -1.09 0.00	55.01 -1.69 0.00	42.21 -0.85 0.00	34.11 -0.07 0.00	28.53 0.11 0.00	28.59 0.08 0.00	27.45 0.12 0.00	28.64 0.32 0.00	33.15 0.13 0.00	39.68 -0.03 0.00	36.94 -0.18 0.00	41.23 -0.20 0.00	38.11 -0.10 0.00	35.54 -0.38 0.00	29.12 -0.52 0.00	27.25 -0.54 0.00	27.27 -0.60 0.00	25.63 -0.51 0.00
RUSSELL___STATION 23914	28.35 -0.85 0.00	27.11 -0.81 0.00	27.28 -0.80 0.00	28.92 -0.88 0.00	26.77 -0.79 0.00	48.44 -1.19 0.00	33.81 -1.09 0.00	55.01 -1.69 0.00	42.21 -0.85 0.00	34.11 -0.07 0.00	28.53 0.11 0.00	28.59 0.08 0.00	27.45 0.12 0.00	28.64 0.32 0.00	33.15 0.13 0.00	39.68 -0.03 0.00	36.94 -0.18 0.00	41.23 -0.20 0.00	38.11 -0.10 0.00	35.54 -0.38 0.00	29.12 -0.52 0.00	27.25 -0.54 0.00	27.27 -0.60 0.00	25.63 -0.51 0.00
S SALMON___HYD 24043	29.28 0.07 0.00	27.94 0.03 0.00	28.07 -0.02 0.00	29.84 0.04 0.00	27.64 0.08 0.00	49.99 0.35 0.00	35.22 0.31 0.00	57.34 0.64 0.00	43.25 0.19 0.00	34.20 0.02 0.00	28.36 -0.05 0.00	28.39 -0.12 0.00	27.08 -0.24 0.00	28.04 -0.28 0.00	32.70 -0.31 0.00	39.51 -0.20 0.00	37.06 -0.06 0.00	42.63 0.26 -0.94	39.59 0.18 -1.20	35.83 -0.08 0.00	29.56 -0.08 0.00	27.63 -0.16 0.00	27.67 -0.20 0.00	25.92 -0.21 0.00
S.PERRY___115KV_TB1 80734	29.28 0.08 0.00	27.98 0.06 0.00	28.20 0.11 0.00	29.95 0.15 0.00	27.77 0.21 0.00	50.44 0.80 0.00	35.22 0.32 0.00	57.34 0.64 0.00	43.97 0.91 0.00	35.60 1.42 0.00	29.73 1.31 0.00	29.76 1.25 0.00	28.60 1.28 0.00	29.78 1.47 0.00	34.33 1.32 0.00	41.13 1.42 0.00	38.24 1.11 0.00	42.82 1.39 0.00	39.62 1.41 0.00	36.84 0.92 0.00	30.11 0.47 0.00	28.08 0.30 0.00	28.04 0.16 0.00	26.36 0.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.94 -1.27 0.00	26.78 -1.13 0.00	27.00 -1.09 0.00	28.63 -1.17 0.00	26.48 -1.08 0.00	47.92 -1.71 0.00	33.08 -1.82 0.00	53.73 -2.98 0.00	41.57 -1.49 0.00	33.97 -0.21 0.00	28.55 0.13 0.00	28.61 0.10 0.00	27.52 0.19 0.00	28.80 0.48 0.00	33.14 0.13 0.00	39.50 -0.20 0.00	36.59 -0.53 0.00	40.76 -0.67 0.00	37.76 -0.45 0.00	35.02 -0.90 0.00	28.63 -1.02 0.00	26.84 -0.95 0.00	26.88 -1.00 0.00	25.36 -0.78 0.00

SAWYER___23_KV_LOAD 55526	27.94 -1.27 0.00	26.78 -1.13 0.00	27.00 -1.09 0.00	28.63 -1.17 0.00	26.48 -1.08 0.00	47.92 -1.71 0.00	33.08 -1.82 0.00	53.73 -2.98 0.00	41.57 -1.49 0.00	33.97 -0.21 0.00	28.55 0.13 0.00	28.61 0.10 0.00	27.52 0.19 0.00	28.80 0.48 0.00	33.14 0.13 0.00	39.50 -0.20 0.00	36.59 -0.53 0.00	40.76 -0.67 0.00	37.76 -0.45 0.00	35.02 -0.90 0.00	28.63 -1.02 0.00	26.84 -0.95 0.00	26.88 -1.00 0.00	25.36 -0.78 0.00
SELKIRK___I 23801	29.68 0.48 0.00	28.38 0.47 0.00	28.58 0.49 0.00	30.31 0.52 0.00	28.02 0.47 0.00	50.39 0.75 0.00	35.52 0.62 0.00	57.65 0.95 0.00	43.52 0.46 0.00	34.33 0.15 0.00	28.53 0.11 0.00	28.62 0.10 0.00	27.47 0.15 0.00	28.43 0.11 0.00	33.29 0.28 0.00	40.17 0.47 0.00	37.71 0.59 0.00	42.11 0.68 0.00	38.75 0.54 0.00	36.50 0.59 0.00	30.19 0.55 0.00	28.30 0.52 0.00	28.40 0.53 0.00	26.62 0.48 0.00
SELKIRK___II 23799	29.52 0.32 0.00	28.23 0.31 0.00	28.41 0.32 0.00	30.14 0.35 0.00	27.87 0.31 0.00	50.10 0.47 0.00	35.32 0.42 0.00	57.37 0.67 0.00	43.42 0.36 0.00	34.30 0.12 0.00	28.53 0.11 0.00	28.62 0.10 0.00	27.48 0.15 0.00	28.43 0.11 0.00	33.27 0.26 0.00	40.05 0.34 0.00	37.56 0.44 0.00	41.93 0.50 0.00	38.60 0.39 0.00	36.38 0.46 0.00	30.08 0.44 0.00	28.21 0.43 0.00	28.30 0.43 0.00	26.53 0.39 0.00
SENECA OSWGO___HYD 24041	28.35 -0.86 0.00	27.06 -0.85 0.00	27.24 -0.85 0.00	28.88 -0.92 0.00	26.75 -0.81 0.00	48.27 -1.36 0.00	33.98 -0.92 0.00	55.29 -1.41 0.00	42.00 -1.06 0.00	33.38 -0.80 0.00	27.74 -0.67 0.00	27.76 -0.75 0.00	26.62 -0.71 0.00	27.61 -0.70 0.00	32.18 -0.83 0.00	38.76 -0.94 0.00	36.29 -0.83 0.00	40.62 -0.81 0.00	37.45 -0.76 0.00	35.13 -0.78 0.00	28.95 -0.69 0.00	27.09 -0.69 0.00	27.16 -0.71 0.00	25.50 -0.64 0.00
SENECA___115KV_TB3 355854	28.42 -0.78 0.00	27.24 -0.68 0.00	27.47 -0.62 0.00	29.15 -0.65 0.00	26.96 -0.60 0.00	48.84 -0.79 0.00	33.74 -1.16 0.00	54.84 -1.86 0.00	42.42 -0.64 0.00	34.65 0.47 0.00	29.11 0.69 0.00	29.19 0.68 0.00	28.06 0.74 0.00	29.36 1.05 0.00	33.77 0.76 0.00	40.27 0.57 0.00	37.31 0.19 0.00	41.57 0.13 0.00	38.49 0.28 0.00	35.68 -0.24 0.00	29.17 -0.48 0.00	27.33 -0.45 0.00	27.35 -0.53 0.00	25.78 -0.35 0.00
SENECA___ENERGY 23797	28.71 -0.50 0.00	27.43 -0.49 0.00	27.60 -0.49 0.00	29.31 -0.49 0.00	27.12 -0.44 0.00	49.06 -0.57 0.00	34.54 -0.36 0.00	56.21 -0.49 0.00	42.82 -0.24 0.00	34.26 0.08 0.00	28.57 0.15 0.00	28.69 0.18 0.00	27.50 0.18 0.00	28.59 0.27 0.00	33.24 0.22 0.00	39.98 0.27 0.00	37.20 0.07 0.00	41.57 0.14 0.00	38.35 0.14 0.00	35.91 -0.01 0.00	29.48 -0.16 0.00	27.56 -0.23 0.00	27.60 -0.27 0.00	25.92 -0.22 0.00
SHOEMAKER___GT 23640	30.11 0.90 0.00	28.75 0.83 0.00	28.87 0.78 0.00	30.66 0.86 0.00	28.39 0.83 0.00	50.99 1.35 0.00	35.99 1.09 0.00	58.47 1.77 0.00	44.46 1.40 0.00	35.37 1.19 0.00	29.47 1.05 0.00	29.57 1.06 0.00	28.31 0.98 0.00	29.27 0.95 0.00	34.21 1.20 0.00	41.22 1.52 0.00	38.61 1.49 0.00	43.20 1.77 0.00	39.84 1.63 0.00	37.52 1.61 0.00	30.96 1.32 0.00	29.07 1.28 0.00	29.13 1.25 0.00	27.39 1.25 0.00
SHOEMAKR_138KV_BK 111 55601	30.10 0.89 0.00	28.73 0.82 0.00	28.86 0.77 0.00	30.65 0.85 0.00	28.37 0.82 0.00	50.96 1.33 0.00	35.96 1.06 0.00	58.44 1.74 0.00	44.44 1.38 0.00	35.36 1.18 0.00	29.48 1.06 0.00	29.60 1.09 0.00	28.33 1.01 0.00	29.29 0.97 0.00	34.23 1.21 0.00	41.21 1.51 0.00	38.59 1.47 0.00	43.17 1.74 0.00	39.81 1.59 0.00	37.51 1.59 0.00	30.94 1.29 0.00	29.06 1.28 0.00	29.12 1.24 0.00	27.38 1.25 0.00
SHOREHAM_IC_1 23715	30.83 1.62 0.00	32.33 1.92 -2.49	29.42 1.33 0.00	31.69 1.89 0.00	29.54 1.98 0.00	52.46 2.83 0.00	36.80 1.90 0.00	60.04 3.34 0.00	45.50 2.44 0.00	35.03 0.85 0.00	26.95 0.89 2.36	26.58 0.70 2.63	26.12 0.68 1.89	29.53 1.21 0.00	35.98 2.20 -0.76	42.31 2.61 0.00	39.39 2.27 0.00	45.84 3.37 -1.04	46.10 3.20 -4.69	38.84 2.93 0.00	31.99 2.35 0.00	30.29 2.51 0.00	30.45 2.45 -0.12	28.34 2.20 0.00
SHOREHAM_IC_2 23716	30.83 1.62 0.00	32.33 1.92 -2.49	29.42 1.33 0.00	31.69 1.89 0.00	29.54 1.98 0.00	52.46 2.83 0.00	36.80 1.90 0.00	60.04 3.34 0.00	45.50 2.44 0.00	35.03 0.85 0.00	26.95 0.89 2.36	26.58 0.70 2.63	26.12 0.68 1.89	29.53 1.21 -0.76	35.98 2.20 -0.76	42.31 2.61 0.00	39.39 2.27 0.00	45.84 3.37 -1.04	46.10 3.20 -4.69	38.84 2.93 0.00	31.99 2.35 0.00	30.29 2.51 0.00	30.45 2.45 -0.12	28.34 2.20 0.00
SISSONVILLE____ 23735	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.13 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.72 0.71 0.00	40.51 0.80 0.00	37.93 0.81 0.00	49.88 0.81 -7.63	48.76 0.83 -9.71	36.61 0.70 0.00	30.22 0.58 0.00	28.27 0.49 0.00	28.37 0.50 0.00	26.34 0.20 0.00
SITHE_IND_GS1 24169	28.05 -1.15 0.00	26.80 -1.12 0.00	26.97 -1.12 0.00	28.62 -1.18 0.00	26.48 -1.07 0.00	47.75 -1.89 0.00	33.58 -1.32 0.00	54.58 -2.12 0.00	41.47 -1.59 0.00	32.98 -1.20 0.00	27.45 -0.97 0.00	27.52 -0.99 0.00	26.37 -0.95 0.00	27.37 -0.95 0.00	31.89 -1.12 0.00	38.35 -1.35 0.00	35.86 -1.26 0.00	40.07 -1.37 0.00	36.95 -1.27 0.00	34.67 -1.25 0.00	28.58 -1.06 0.00	26.77 -1.02 0.00	26.86 -1.01 0.00	25.21 -0.93 0.00
SITHE_IND_GS2 24170	28.05 -1.15 0.00	26.80 -1.12 0.00	26.97 -1.12 0.00	28.62 -1.18 0.00	26.48 -1.07 0.00	47.75 -1.89 0.00	33.58 -1.32 0.00	54.58 -2.12 0.00	41.47 -1.59 0.00	32.98 -1.20 0.00	27.45 -0.97 0.00	27.52 -0.99 0.00	26.37 -0.95 0.00	27.37 -0.95 0.00	31.89 -1.12 0.00	38.35 -1.35 0.00	35.86 -1.26 0.00	40.07 -1.37 0.00	36.95 -1.27 0.00	34.67 -1.25 0.00	28.58 -1.06 0.00	26.77 -1.02 0.00	26.86 -1.01 0.00	25.21 -0.93 0.00
SITHE_IND_GS3 24171	28.05 -1.15 0.00	26.80 -1.12 0.00	26.97 -1.12 0.00	28.62 -1.18 0.00	26.48 -1.07 0.00	47.75 -1.89 0.00	33.58 -1.32 0.00	54.58 -2.12 0.00	41.47 -1.59 0.00	32.98 -1.20 0.00	27.45 -0.97 0.00	27.52 -0.99 0.00	26.37 -0.95 0.00	27.37 -0.95 0.00	31.89 -1.12 0.00	38.35 -1.35 0.00	35.86 -1.26 0.00	40.07 -1.37 0.00	36.95 -1.27 0.00	34.67 -1.25 0.00	28.58 -1.06 0.00	26.77 -1.02 0.00	26.86 -1.01 0.00	25.21 -0.93 0.00
SITHE_IND_GS4 24172	28.05 -1.15 0.00	26.80 -1.12 0.00	26.97 -1.12 0.00	28.62 -1.18 0.00	26.48 -1.07 0.00	47.75 -1.89 0.00	33.58 -1.32 0.00	54.58 -2.12 0.00	41.47 -1.59 0.00	32.98 -1.20 0.00	27.45 -0.97 0.00	27.52 -0.99 0.00	26.37 -0.95 0.00	27.37 -0.95 0.00	31.89 -1.12 0.00	38.35 -1.35 0.00	35.86 -1.26 0.00	40.07 -1.37 0.00	36.95 -1.27 0.00	34.67 -1.25 0.00	28.58 -1.06 0.00	26.77 -1.02 0.00	26.86 -1.01 0.00	25.21 -0.93 0.00

SITHE___BATAVIA 24024	28.52 -0.68 0.00	27.29 -0.63 0.00	27.49 -0.60 0.00	27.96 -0.68 1.16	26.16 -0.60 0.80	47.92 -0.75 0.97	33.56 -0.94 0.40	52.42 -1.41 2.87	35.85 -0.41 6.80	33.06 0.51 1.63	26.03 0.66 3.04	28.47 0.60 0.64	26.78 0.64 1.18	27.11 0.91 2.11	32.31 0.73 1.43	38.97 0.57 1.30	34.10 0.33 3.35	39.70 0.31 2.05	37.27 0.40 1.34	35.87 -0.05 0.00	28.96 -0.29 0.40	25.13 -0.34 2.32	27.48 -0.40 0.00	25.89 -0.25 0.00
SITHE___INDEPEND 23800	28.05 -1.15 0.00	26.80 -1.12 0.00	26.97 -1.12 0.00	28.62 -1.18 0.00	26.48 -1.07 0.00	47.75 -1.89 0.00	33.58 -1.32 0.00	54.58 -2.12 0.00	41.46 -1.60 0.00	32.98 -1.20 0.00	27.45 -0.97 0.00	27.52 -0.99 0.00	26.37 -0.95 0.00	27.37 -0.95 0.00	31.89 -1.12 0.00	38.35 -1.35 0.00	35.86 -1.26 0.00	40.07 -1.37 0.00	36.95 -1.27 0.00	34.67 -1.25 0.00	28.58 -1.07 0.00	26.77 -1.02 0.00	26.86 -1.02 0.00	25.21 -0.93 0.00
SITHE___MASSENA 23902	29.87 0.66 0.00	28.57 0.65 0.00	28.73 0.64 0.00	30.45 0.65 0.00	28.14 0.59 0.00	50.73 1.09 0.00	35.48 0.57 0.00	57.63 0.93 0.00	43.90 0.84 0.00	34.85 0.67 0.00	28.88 0.46 0.00	28.94 0.43 0.00	27.74 0.41 0.00	28.81 0.49 0.00	33.49 0.48 0.00	40.26 0.56 0.00	37.59 0.47 0.00	43.64 0.37 -1.84	40.98 0.43 -2.34	36.30 0.38 0.00	29.97 0.32 0.00	28.06 0.28 0.00	28.17 0.30 0.00	26.18 0.05 0.00
SITHE___OGDNSBRG 24021	32.99 3.78 0.00	31.41 3.50 0.00	31.51 3.41 0.00	33.46 3.66 0.00	31.08 3.52 0.00	56.68 7.05 0.00	40.25 5.34 0.00	65.32 8.62 0.00	48.11 5.05 0.00	37.23 3.05 0.00	31.36 2.95 0.00	31.31 2.80 0.00	28.94 1.62 0.00	29.48 1.16 0.00	33.78 0.77 0.00	40.77 1.06 0.00	38.42 1.30 0.00	48.26 1.45 -5.38	46.50 1.44 -6.85	37.20 1.28 0.00	30.69 1.04 0.00	28.69 0.91 0.00	28.77 0.90 0.00	26.70 0.56 0.00
SITHE___STERLING 23777	29.93 0.72 0.00	28.60 0.68 0.00	28.83 0.74 0.00	30.63 0.83 0.00	28.37 0.82 0.00	51.32 1.69 0.00	36.23 1.32 0.00	58.89 2.19 0.00	44.47 1.41 0.00	35.04 0.85 0.00	29.01 0.59 0.00	29.06 0.55 0.00	27.78 0.46 0.00	28.77 0.45 0.00	33.54 0.53 0.00	40.55 0.85 0.00	38.17 1.04 0.00	42.79 1.36 0.00	39.45 1.24 0.00	36.98 1.06 0.00	30.44 0.79 0.00	28.47 0.69 0.00	28.52 0.65 0.00	26.71 0.57 0.00
SLEIGHT__34_KV_TB1 80719	29.22 0.01 0.00	27.93 0.02 0.00	28.05 -0.04 0.00	29.78 -0.02 0.00	27.56 0.00 0.00	50.05 0.41 0.00	35.19 0.28 0.00	57.44 0.74 0.00	43.68 0.62 0.00	34.87 0.69 0.00	29.04 0.62 0.00	29.15 0.65 0.00	27.91 0.58 0.00	29.11 0.79 0.00	33.57 0.55 0.00	39.53 -0.18 0.00	36.84 -0.28 0.00	41.11 -0.32 0.00	37.95 -0.27 0.00	35.44 -0.47 0.00	29.09 -0.56 0.00	27.23 -0.56 0.00	27.27 -0.61 0.00	25.60 -0.54 0.00
SOUTH CAIRO___GT 23612	30.59 1.39 0.00	29.23 1.31 0.00	29.44 1.35 0.00	31.23 1.44 0.00	28.88 1.33 0.00	52.14 2.50 0.00	36.90 1.99 0.00	60.07 3.37 0.00	45.01 1.95 0.00	34.89 0.70 0.00	28.79 0.37 0.00	28.72 0.21 0.00	27.56 0.24 0.00	28.59 0.27 0.00	33.73 0.71 0.00	41.05 1.34 0.00	39.01 1.89 0.00	43.80 2.37 0.00	40.29 2.08 0.00	37.88 1.96 0.00	31.28 1.63 0.00	29.24 1.46 0.00	29.27 1.39 0.00	27.33 1.19 0.00
SOUTH HAMPTN___IC 23720	31.04 1.83 0.00	32.41 2.00 -2.49	29.57 1.48 0.00	31.83 2.03 0.00	29.74 2.18 0.00	52.83 3.20 0.00	37.10 2.20 0.00	60.51 3.81 0.00	45.87 2.81 0.00	35.36 1.17 0.00	24.38 1.03 5.07	23.78 0.93 5.66	24.24 0.97 4.05	29.83 1.52 0.00	36.23 2.45 -0.76	42.60 2.90 0.00	39.63 2.51 0.00	45.97 3.50 -1.04	46.13 3.23 -4.68	38.80 2.89 0.00	31.96 2.32 0.00	30.27 2.48 0.00	30.41 2.42 -0.12	28.28 2.14 0.00
SOUTHDOW_115KV_TB1 355954	29.40 0.20 0.00	28.21 0.29 0.00	28.52 0.43 0.00	30.33 0.53 0.00	28.09 0.54 0.00	50.98 1.35 0.00	35.36 0.45 0.00	57.66 0.97 0.00	44.65 1.59 0.00	36.51 2.33 0.00	30.60 2.19 0.00	30.75 2.24 0.00	29.54 2.22 0.00	30.87 2.55 0.00	35.56 2.55 0.00	42.33 2.63 0.00	39.06 1.94 0.00	43.51 2.08 0.00	40.25 2.04 0.00	37.38 1.46 0.00	30.45 0.81 0.00	28.51 0.72 0.00	28.49 0.62 0.00	26.78 0.64 0.00
SOUTHOLD_69_KV_BK 2 55809	31.22 2.02 0.00	32.41 2.00 -2.49	29.68 1.59 0.00	31.94 2.15 0.00	29.99 2.44 0.00	53.25 3.62 0.00	37.45 2.55 0.00	61.08 4.38 0.00	46.33 3.27 0.00	35.57 1.39 0.00	24.23 1.00 5.19	23.73 1.01 5.80	24.41 1.23 4.15	30.14 1.82 0.00	36.47 2.69 -0.76	42.97 3.27 0.00	39.88 2.76 0.00	46.09 3.62 -1.04	46.09 3.19 -4.68	38.60 2.68 0.00	31.81 2.17 0.00	30.13 2.34 0.00	30.23 2.24 -0.12	28.08 1.94 0.00
SOUTHOLD___IC 23719	31.22 2.01 0.00	32.41 2.00 -2.49	29.68 1.59 0.00	31.95 2.15 0.00	29.99 2.44 0.00	53.25 3.61 0.00	37.45 2.55 0.00	61.08 4.38 0.00	46.33 3.27 0.00	35.57 1.39 0.00	24.23 1.01 5.19	23.73 1.02 5.80	24.41 1.23 4.15	30.14 1.82 0.00	36.48 2.70 -0.76	42.97 3.27 0.00	39.89 2.76 0.00	46.09 3.62 -1.04	46.09 3.19 -4.68	38.60 2.68 0.00	31.81 2.16 0.00	30.13 2.34 0.00	30.23 2.24 -0.12	28.08 1.94 0.00
SOUTH_FORK_WT_PWR 323839	31.09 1.89 0.00	32.19 1.78 -2.49	29.52 1.42 0.00	31.79 1.99 0.00	29.94 2.38 0.00	53.10 3.47 0.00	37.37 2.47 0.00	60.88 4.18 0.00	46.21 3.15 0.00	35.37 1.18 0.00	23.98 0.68 5.12	23.62 0.83 5.72	24.41 1.18 4.09	30.09 1.77 0.00	36.34 2.57 -0.76	42.81 3.11 0.00	39.61 2.49 0.00	45.68 3.21 -1.04	45.61 2.72 -4.68	38.05 2.13 0.00	31.37 1.73 0.00	29.75 1.96 0.00	29.83 1.84 -0.12	27.71 1.57 0.00
SPIERFLS_115KV_TB 1 80737	30.33 1.13 0.00	29.01 1.09 0.00	29.18 1.09 0.00	30.98 1.18 0.00	28.67 1.11 0.00	51.58 1.95 0.00	36.47 1.57 0.00	59.18 2.48 0.00	44.58 1.52 0.00	34.90 0.72 0.00	28.97 0.56 0.00	28.90 0.39 0.00	27.76 0.43 0.00	28.76 0.44 0.00	33.93 0.91 0.00	40.96 1.26 0.00	38.64 1.51 0.00	43.19 1.76 0.00	39.69 1.48 0.00	37.46 1.55 0.00	30.92 1.28 0.00	28.95 1.17 0.00	29.16 1.29 0.00	27.14 1.01 0.00
ST LAWRENCE____ 23600	29.58 0.37 0.00	28.28 0.37 0.00	28.43 0.34 0.00	30.13 0.33 0.00	27.85 0.29 0.00	50.19 0.56 0.00	35.14 0.23 0.00	57.07 0.37 0.00	43.45 0.39 0.00	34.49 0.31 0.00	28.57 0.15 0.00	28.64 0.13 0.00	27.44 0.12 0.00	28.48 0.16 0.00	33.10 0.08 0.00	39.75 0.05 0.00	37.07 -0.06 0.00	41.20 -0.24 0.00	38.07 -0.14 0.00	35.78 -0.13 0.00	29.56 -0.09 0.00	27.69 -0.09 0.00	27.80 -0.07 0.00	25.85 -0.29 0.00
STATE_CA_115KV_115_LB 55624	29.59 0.38 0.00	28.28 0.36 0.00	28.46 0.37 0.00	30.19 0.40 0.00	27.93 0.37 0.00	50.22 0.58 0.00	35.43 0.53 0.00	57.57 0.87 0.00	43.53 0.47 0.00	34.33 0.15 0.00	28.54 0.12 0.00	28.62 0.10 0.00	27.50 0.17 0.00	28.45 0.13 0.00	33.36 0.34 0.00	40.16 0.45 0.00	37.67 0.55 0.00	42.06 0.63 0.00	38.68 0.47 0.00	36.47 0.55 0.00	30.16 0.52 0.00	28.27 0.48 0.00	28.35 0.48 0.00	26.55 0.41 0.00

STATE_ST_34_KV_LOAD 55959	29.09 -0.11 0.00	27.85 -0.06 0.00	27.96 -0.13 0.00	29.69 -0.11 0.00	27.48 -0.08 0.00	49.82 0.19 0.00	35.02 0.11 0.00	57.13 0.43 0.00	43.29 0.23 0.00	34.46 0.28 0.00	28.65 0.23 0.00	28.75 0.24 0.00	27.47 0.15 0.00	28.63 0.31 0.00	33.37 0.36 0.00	40.08 0.37 0.00	37.41 0.29 0.00	41.73 0.29 0.00	38.47 0.26 0.00	36.05 0.13 0.00	29.65 0.01 0.00	27.84 0.05 0.00	27.92 0.04 0.00	26.19 0.06 0.00
STATION 5_MISC_HYD 23604	28.25 -0.96 0.00	27.01 -0.90 0.00	27.19 -0.91 0.00	28.04 -0.97 0.78	26.13 -0.89 0.54	47.60 -1.38 0.65	33.39 -1.24 0.27	52.82 -1.94 1.94	37.42 -1.04 4.60	32.85 -0.23 1.10	26.33 -0.03 2.06	28.02 -0.05 0.43	26.51 -0.01 0.80	27.07 0.19 1.43	32.02 -0.03 0.97	38.62 -0.21 0.87	34.52 -0.36 2.24	39.64 -0.42 1.37	37.01 -0.30 0.90	35.35 -0.57 0.00	28.71 -0.67 0.27	25.57 -0.67 1.55	27.15 -0.73 0.00	25.52 -0.61 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.67 -0.54 0.00	27.40 -0.52 0.00	27.57 -0.52 0.00	29.26 -0.54 0.00	27.08 -0.48 0.00	49.01 -0.63 0.00	34.38 -0.53 0.00	55.95 -0.75 0.00	42.81 -0.25 0.00	34.42 0.24 0.00	28.67 0.26 0.00	28.75 0.24 0.00	27.57 0.25 0.00	28.74 0.42 0.00	33.34 0.33 0.00	39.98 0.28 0.00	37.22 0.10 0.00	41.60 0.16 0.00	38.38 0.17 0.00	35.86 -0.06 0.00	29.41 -0.23 0.00	27.50 -0.28 0.00	27.52 -0.36 0.00	25.84 -0.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.12 -1.09 0.00	26.89 -1.03 0.00	27.06 -1.03 0.00	28.69 -1.10 0.00	26.55 -1.00 0.00	48.04 -1.60 0.00	33.55 -1.36 0.00	54.57 -2.13 0.00	41.85 -1.21 0.00	33.78 -0.40 0.00	28.24 -0.18 0.00	28.29 -0.22 0.00	27.16 -0.16 0.00	28.34 0.02 0.00	32.82 -0.20 0.00	39.31 -0.40 0.00	36.60 -0.53 0.00	40.84 -0.59 0.00	37.73 -0.48 0.00	35.20 -0.72 0.00	28.86 -0.79 0.00	27.01 -0.78 0.00	27.03 -0.84 0.00	25.41 -0.73 0.00
STA_56___34_KV_BUS2 355983	28.12 -1.09 0.00	26.89 -1.03 0.00	27.06 -1.03 0.00	28.69 -1.10 0.00	26.55 -1.00 0.00	48.04 -1.60 0.00	33.55 -1.36 0.00	54.57 -2.13 0.00	41.85 -1.21 0.00	33.78 -0.40 0.00	28.24 -0.18 0.00	28.29 -0.22 0.00	27.16 -0.16 0.00	28.34 0.02 0.00	32.82 -0.20 0.00	39.31 -0.40 0.00	36.60 -0.53 0.00	40.84 -0.59 0.00	37.73 -0.48 0.00	35.20 -0.72 0.00	28.86 -0.79 0.00	27.01 -0.78 0.00	27.03 -0.84 0.00	25.41 -0.73 0.00
STA_67___115KV_BK2 355882	28.18 -1.03 0.00	26.96 -0.96 0.00	27.14 -0.95 0.00	28.77 -1.03 0.00	26.62 -0.93 0.00	48.15 -1.48 0.00	33.58 -1.32 0.00	54.63 -2.07 0.00	41.91 -1.15 0.00	33.86 -0.32 0.00	28.33 -0.09 0.00	28.39 -0.12 0.00	27.25 -0.07 0.00	28.44 0.12 0.00	32.91 -0.10 0.00	39.39 -0.31 0.00	36.67 -0.45 0.00	40.92 -0.52 0.00	37.82 -0.39 0.00	35.26 -0.66 0.00	28.91 -0.73 0.00	27.06 -0.73 0.00	27.09 -0.78 0.00	25.47 -0.66 0.00
STA_7___115KV_9TRANS 80674	28.35 -0.85 0.00	27.11 -0.81 0.00	27.28 -0.80 0.00	28.92 -0.88 0.00	26.77 -0.79 0.00	48.44 -1.19 0.00	33.81 -1.09 0.00	55.01 -1.69 0.00	42.21 -0.85 0.00	34.11 -0.07 0.00	28.53 0.11 0.00	28.59 0.08 0.00	27.45 0.12 0.00	28.64 0.32 0.00	33.15 0.13 0.00	39.68 -0.03 0.00	36.94 -0.18 0.00	41.23 -0.20 0.00	38.11 -0.10 0.00	35.54 -0.38 0.00	29.12 -0.52 0.00	27.25 -0.54 0.00	27.27 -0.60 0.00	25.63 -0.51 0.00
STA_82___115KV_TB1 80780	28.19 -1.02 0.00	26.96 -0.95 0.00	27.14 -0.95 0.00	28.77 -1.03 0.00	26.63 -0.93 0.00	48.17 -1.46 0.00	33.60 -1.30 0.00	54.66 -2.04 0.00	41.94 -1.12 0.00	33.88 -0.30 0.00	28.34 -0.07 0.00	28.41 -0.10 0.00	27.27 -0.05 0.00	28.45 0.13 0.00	32.93 -0.09 0.00	39.42 -0.29 0.00	36.69 -0.44 0.00	40.94 -0.49 0.00	37.84 -0.37 0.00	35.27 -0.64 0.00	28.92 -0.73 0.00	27.07 -0.72 0.00	27.10 -0.78 0.00	25.47 -0.66 0.00
STEEL___WIND 323596	28.41 -0.79 0.00	27.22 -0.70 0.00	27.45 -0.64 0.00	27.47 -0.67 1.65	25.80 -0.62 1.14	47.43 -0.83 1.38	33.14 -1.18 0.58	50.70 -1.90 4.09	32.70 -0.66 9.70	32.28 0.42 2.32	24.70 0.63 4.34	28.23 0.63 0.92	26.34 0.70 1.69	26.30 1.00 3.02	31.66 0.69 2.05	38.36 0.52 1.87	32.46 0.15 4.82	38.57 0.08 2.95	36.49 0.22 1.93	35.64 -0.27 0.00	28.57 -0.50 0.57	23.97 -0.48 3.33	27.32 -0.55 0.00	25.75 -0.39 0.00
STEPHTWN_115KV_BK_2 55603	29.76 0.56 0.00	28.41 0.49 0.00	28.62 0.53 0.00	30.35 0.56 0.00	28.10 0.54 0.00	50.64 1.00 0.00	35.71 0.81 0.00	58.02 1.32 0.00	43.83 0.77 0.00	34.47 0.29 0.00	28.66 0.24 0.00	28.71 0.20 0.00	27.60 0.28 0.00	28.65 0.34 0.00	33.59 0.58 0.00	40.44 0.74 0.00	37.94 0.82 0.00	42.46 1.03 0.00	39.02 0.81 0.00	36.80 0.88 0.00	30.40 0.76 0.00	28.47 0.69 0.00	28.53 0.66 0.00	26.73 0.59 0.00
STEUBEN_REC_LFGE 323667	28.92 -0.29 0.00	27.68 -0.23 0.00	27.97 -0.12 0.00	29.75 -0.05 0.00	27.62 0.07 0.00	50.18 0.55 0.00	34.88 -0.02 0.00	56.79 0.09 0.00	43.73 0.67 0.00	35.46 1.28 0.00	29.61 1.20 0.00	29.74 1.23 0.00	28.53 1.21 0.00	29.65 1.33 0.00	34.17 1.15 0.00	40.81 1.11 0.00	37.64 0.52 0.00	42.09 0.66 0.00	38.85 0.64 0.00	36.13 0.22 0.00	29.49 -0.16 0.00	27.56 -0.23 0.00	27.49 -0.38 0.00	25.91 -0.23 0.00
STILLWATER___SOLAR 323814	30.39 1.18 0.00	29.04 1.13 0.00	29.23 1.14 0.00	31.02 1.22 0.00	28.70 1.14 0.00	51.67 2.04 0.00	36.48 1.57 0.00	59.23 2.53 0.00	44.63 1.57 0.00	34.99 0.81 0.00	29.04 0.62 0.00	29.05 0.54 0.00	27.89 0.56 0.00	28.90 0.58 0.00	34.01 1.00 0.00	41.06 1.35 0.00	38.67 1.55 0.00	43.19 1.76 0.00	39.71 1.50 0.00	37.47 1.55 0.00	30.96 1.32 0.00	29.01 1.23 0.00	29.13 1.25 0.00	27.21 1.07 0.00
STONY___BROOK 24151	31.05 1.85 0.00	32.34 1.93 -2.49	29.59 1.50 0.00	31.66 1.86 0.00	29.46 1.91 0.00	52.29 2.65 0.00	36.81 1.90 0.00	60.08 3.37 0.00	45.56 2.50 0.00	35.68 1.50 0.00	30.16 1.40 -0.35	30.10 1.20 -0.39	28.75 1.15 -0.28	29.94 1.62 0.00	36.28 2.50 -0.77	42.37 2.66 0.00	39.56 2.43 0.00	45.58 3.11 -1.04	45.93 3.03 -4.69	38.78 2.87 0.00	31.93 2.29 0.00	30.22 2.44 0.00	30.39 2.40 -0.12	28.31 2.18 0.00
STURGEON_POOL_HYD 23609	30.09 0.88 0.00	28.73 0.82 0.00	28.87 0.78 0.00	30.65 0.86 0.00	28.38 0.82 0.00	50.92 1.28 0.00	35.94 1.04 0.00	58.39 1.69 0.00	44.50 1.43 0.00	35.45 1.27 0.00	29.57 1.16 0.00	29.71 1.21 0.00	28.45 1.12 0.00	29.41 1.09 0.00	34.32 1.31 0.00	41.24 1.54 0.00	38.55 1.42 0.00	43.11 1.67 0.00	39.77 1.56 0.00	37.47 1.55 0.00	30.92 1.27 0.00	29.04 1.25 0.00	29.10 1.23 0.00	27.37 1.24 0.00
ST_LAW_115_BK7_LBMP 345037	29.58 0.37 0.00	28.29 0.37 0.00	28.44 0.35 0.00	30.15 0.35 0.00	27.86 0.30 0.00	50.20 0.57 0.00	35.15 0.24 0.00	57.08 0.38 0.00	43.46 0.40 0.00	34.50 0.32 0.00	28.58 0.16 0.00	28.65 0.14 0.00	27.45 0.13 0.00	28.50 0.18 0.00	33.11 0.10 0.00	39.78 0.07 0.00	37.10 -0.03 0.00	41.24 -0.19 0.00	38.11 -0.10 0.00	35.82 -0.10 0.00	29.59 -0.06 0.00	27.72 -0.07 0.00	27.82 -0.05 0.00	25.86 -0.27 0.00

ST_LAW_115_BK8_LBMP 345038	29.58 0.37 0.00	28.29 0.37 0.00	28.44 0.35 0.00	30.15 0.35 0.00	27.86 0.30 0.00	50.20 0.57 0.00	35.15 0.24 0.00	57.08 0.38 0.00	43.46 0.40 0.00	34.50 0.32 0.00	28.58 0.16 0.00	28.65 0.14 0.00	27.45 0.13 0.00	28.50 0.18 0.00	33.11 0.10 0.00	39.78 0.07 0.00	37.10 -0.03 0.00	41.24 -0.19 0.00	38.11 -0.10 0.00	35.82 -0.10 0.00	29.59 -0.06 0.00	27.72 -0.07 0.00	27.82 -0.05 0.00	25.86 -0.27 0.00
ST_LAW_230_BK5_LBMP 345035	29.58 0.37 0.00	28.28 0.37 0.00	28.43 0.34 0.00	30.13 0.33 0.00	27.85 0.29 0.00	50.19 0.56 0.00	35.14 0.23 0.00	57.07 0.37 0.00	43.45 0.39 0.00	34.49 0.31 0.00	28.57 0.15 0.00	28.64 0.13 0.00	27.44 0.12 0.00	28.48 0.16 0.00	33.10 0.08 0.00	39.75 0.05 0.00	37.07 -0.06 0.00	41.20 -0.24 0.00	38.07 -0.14 0.00	35.78 -0.13 0.00	29.56 -0.09 0.00	27.69 -0.09 0.00	27.80 -0.07 0.00	25.85 -0.29 0.00
ST_LAW_230_BK6_LBMP 345036	29.58 0.37 0.00	28.28 0.37 0.00	28.43 0.34 0.00	30.13 0.33 0.00	27.85 0.29 0.00	50.19 0.56 0.00	35.14 0.23 0.00	57.07 0.37 0.00	43.45 0.39 0.00	34.49 0.31 0.00	28.57 0.15 0.00	28.64 0.13 0.00	27.44 0.12 0.00	28.48 0.16 0.00	33.10 0.08 0.00	39.75 0.05 0.00	37.07 -0.06 0.00	41.20 -0.24 0.00	38.07 -0.14 0.00	35.78 -0.13 0.00	29.56 -0.09 0.00	27.69 -0.09 0.00	27.80 -0.07 0.00	25.85 -0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.17 0.97 0.00	28.81 0.90 0.00	28.92 0.83 0.00	30.73 0.93 0.00	28.45 0.90 0.00	51.09 1.45 0.00	36.06 1.16 0.00	58.61 1.91 0.00	44.58 1.52 0.00	35.51 1.32 0.00	29.64 1.23 0.00	29.77 1.26 0.00	28.50 1.18 0.00	29.44 1.13 0.00	34.42 1.40 0.00	41.41 1.71 0.00	38.74 1.62 0.00	43.34 1.90 0.00	39.95 1.73 0.00	37.65 1.74 0.00	31.06 1.42 0.00	29.18 1.39 0.00	29.23 1.36 0.00	27.51 1.37 0.00
SWANROAD_115KV_TB1 355699	27.28 -1.92 0.00	26.16 -1.75 0.00	26.38 -1.71 0.00	27.92 -1.88 0.00	25.82 -1.74 0.00	46.69 -2.95 0.00	32.20 -2.70 0.00	52.19 -4.51 0.00	40.45 -2.62 0.00	33.04 -1.14 0.00	27.79 -0.63 0.00	27.83 -0.68 0.00	26.76 -0.56 0.00	28.01 -0.30 0.00	32.21 -0.80 0.00	38.36 -1.34 0.00	35.57 -1.55 0.00	39.60 -1.83 0.00	36.70 -1.51 0.00	34.01 -1.90 0.00	27.84 -1.81 0.00	26.09 -1.70 0.00	26.21 -1.66 0.00	24.84 -1.29 0.00
SYNERGY___BIOGAS 323694	28.52 -0.68 0.00	27.29 -0.63 0.00	27.49 -0.60 0.00	27.96 -0.68 1.16	26.16 -0.60 0.80	47.92 -0.75 0.97	33.56 -0.94 0.40	52.42 -1.41 2.87	35.85 -0.41 6.80	33.06 0.51 1.63	26.03 0.66 3.04	28.47 0.60 0.64	26.78 0.64 1.18	27.11 0.91 2.11	32.31 0.73 1.43	38.97 0.57 1.30	34.10 0.33 3.35	39.70 0.31 2.05	37.27 0.40 1.34	35.87 -0.05 0.00	28.96 -0.29 0.40	25.13 -0.34 2.32	27.48 -0.40 0.00	25.89 -0.25 0.00
SYRACUSE___ENERGY_ST1 323597	28.79 -0.42 0.00	27.51 -0.41 0.00	27.68 -0.41 0.00	29.38 -0.42 0.00	27.18 -0.37 0.00	49.12 -0.52 0.00	34.58 -0.33 0.00	56.25 -0.45 0.00	42.72 -0.34 0.00	33.95 -0.23 0.00	28.24 -0.18 0.00	28.33 -0.18 0.00	27.14 -0.18 0.00	28.18 -0.13 0.00	32.85 -0.17 0.00	39.52 -0.18 0.00	36.97 -0.16 0.00	41.32 -0.11 0.00	38.11 -0.10 0.00	35.73 -0.18 0.00	29.44 -0.21 0.00	27.56 -0.23 0.00	27.63 -0.24 0.00	25.93 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	28.79 -0.42 0.00	27.51 -0.41 0.00	27.68 -0.41 0.00	29.38 -0.42 0.00	27.18 -0.37 0.00	49.12 -0.52 0.00	34.58 -0.33 0.00	56.25 -0.45 0.00	42.72 -0.34 0.00	33.95 -0.23 0.00	28.24 -0.18 0.00	28.33 -0.18 0.00	27.14 -0.18 0.00	28.18 -0.13 0.00	32.85 -0.17 0.00	39.52 -0.18 0.00	36.97 -0.16 0.00	41.32 -0.11 0.00	38.11 -0.10 0.00	35.73 -0.18 0.00	29.44 -0.21 0.00	27.56 -0.23 0.00	27.63 -0.24 0.00	25.93 -0.21 0.00
SYRACUSE___POWER 24017	28.81 -0.40 0.00	27.51 -0.40 0.00	27.69 -0.40 0.00	29.39 -0.41 0.00	27.19 -0.36 0.00	49.12 -0.51 0.00	34.58 -0.33 0.00	56.22 -0.48 0.00	42.74 -0.32 0.00	33.95 -0.23 0.00	28.23 -0.18 0.00	28.31 -0.20 0.00	27.14 -0.18 0.00	28.16 -0.16 0.00	32.81 -0.20 0.00	39.51 -0.20 0.00	36.97 -0.15 0.00	41.35 -0.08 0.00	38.14 -0.07 0.00	35.76 -0.16 0.00	29.46 -0.18 0.00	27.57 -0.21 0.00	27.63 -0.24 0.00	25.93 -0.20 0.00
TALLMAN___138KV_BK151 55660	30.25 1.05 0.00	28.88 0.97 0.00	28.98 0.89 0.00	30.79 0.99 0.00	28.53 0.97 0.00	51.21 1.57 0.00	36.16 1.26 0.00	58.74 2.04 0.00	44.72 1.66 0.00	35.64 1.46 0.00	29.78 1.36 0.00	29.94 1.43 0.00	28.65 1.33 0.00	29.60 1.29 0.00	34.60 1.59 0.00	41.58 1.88 0.00	38.86 1.74 0.00	43.48 2.05 0.00	40.08 1.86 0.00	37.80 1.88 0.00	31.18 1.54 0.00	29.30 1.51 0.00	29.36 1.48 0.00	27.64 1.50 0.00
TEALLAVE_115KV_TB7 355573	28.63 -0.57 0.00	27.34 -0.57 0.00	27.53 -0.56 0.00	29.22 -0.58 0.00	27.03 -0.52 0.00	48.79 -0.84 0.00	34.34 -0.56 0.00	55.84 -0.87 0.00	42.47 -0.59 0.00	33.76 -0.43 0.00	28.08 -0.33 0.00	28.16 -0.35 0.00	27.00 -0.33 0.00	28.02 -0.30 0.00	32.65 -0.37 0.00	39.27 -0.43 0.00	36.74 -0.38 0.00	41.09 -0.35 0.00	37.89 -0.32 0.00	35.52 -0.40 0.00	29.26 -0.38 0.00	27.40 -0.39 0.00	27.47 -0.41 0.00	25.77 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	27.98 -1.23 0.00	26.81 -1.11 0.00	27.01 -1.08 0.00	28.61 -1.19 0.00	26.48 -1.08 0.00	47.95 -1.69 0.00	33.19 -1.72 0.00	53.91 -2.79 0.00	41.69 -1.37 0.00	33.99 -0.19 0.00	28.53 0.12 0.00	28.59 0.08 0.00	27.47 0.14 0.00	28.74 0.43 0.00	33.10 0.08 0.00	39.46 -0.24 0.00	36.63 -0.49 0.00	40.79 -0.64 0.00	37.77 -0.44 0.00	35.04 -0.88 0.00	28.66 -0.99 0.00	26.85 -0.94 0.00	26.91 -0.96 0.00	25.42 -0.71 0.00
TEMPLE___115KV_TB 2 55572	28.64 -0.56 0.00	27.35 -0.57 0.00	27.54 -0.55 0.00	29.23 -0.57 0.00	27.04 -0.52 0.00	48.82 -0.81 0.00	34.35 -0.55 0.00	55.86 -0.84 0.00	42.48 -0.58 0.00	33.78 -0.41 0.00	28.10 -0.31 0.00	28.18 -0.33 0.00	27.02 -0.30 0.00	28.04 -0.28 0.00	32.68 -0.34 0.00	39.31 -0.40 0.00	36.77 -0.35 0.00	41.11 -0.32 0.00	37.91 -0.31 0.00	35.54 -0.37 0.00	29.28 -0.36 0.00	27.40 -0.38 0.00	27.47 -0.40 0.00	25.78 -0.35 0.00
TIANA____69_KV_BK 1 55817	31.01 1.80 0.00	32.41 2.00 -2.49	29.56 1.47 0.00	31.80 2.01 0.00	29.69 2.13 0.00	52.74 3.11 0.00	37.04 2.14 0.00	60.42 3.72 0.00	45.79 2.73 0.00	35.34 1.16 0.00	24.31 1.06 5.17	23.65 0.91 5.77	24.11 0.92 4.13	29.77 1.45 0.00	36.17 2.40 -0.76	42.54 2.84 0.00	39.61 2.49 0.00	45.98 3.51 -1.04	46.18 3.28 -4.68	38.88 2.97 0.00	32.02 2.38 0.00	30.32 2.54 0.00	30.46 2.47 -0.12	28.34 2.20 0.00
TILDEN___115KV_TB1 80814	28.81 -0.40 0.00	27.51 -0.40 0.00	27.69 -0.40 0.00	29.39 -0.41 0.00	27.19 -0.36 0.00	49.12 -0.51 0.00	34.58 -0.33 0.00	56.22 -0.48 0.00	42.74 -0.32 0.00	33.95 -0.23 0.00	28.23 -0.18 0.00	28.31 -0.20 0.00	27.14 -0.18 0.00	28.16 -0.16 0.00	32.81 -0.20 0.00	39.51 -0.20 0.00	36.97 -0.15 0.00	41.35 -0.08 0.00	38.14 -0.07 0.00	35.76 -0.16 0.00	29.46 -0.18 0.00	27.57 -0.21 0.00	27.63 -0.24 0.00	25.93 -0.20 0.00

TRIGEN___CC 323695	30.86 1.65 0.00	32.04 1.63 -2.49	29.44 1.35 0.00	31.37 1.58 0.00	29.15 1.60 0.00	51.90 2.27 0.00	36.64 1.73 0.00	59.64 2.94 0.00	45.31 2.25 0.00	35.87 1.69 0.00	29.98 1.56 0.00	29.99 1.48 0.00	28.73 1.41 0.00	29.98 1.66 0.00	36.48 2.30 -1.16	42.20 2.49 0.00	39.47 2.34 0.00	45.67 2.76 -1.49	47.54 2.62 -6.71	38.40 2.49 0.00	31.66 2.01 0.00	29.89 2.11 0.00	30.02 1.99 -0.16	28.01 1.87 0.00
TRINITY___115KV___4 BK 55933	29.47 0.27 0.00	28.17 0.26 0.00	28.35 0.26 0.00	30.07 0.28 0.00	27.81 0.26 0.00	49.99 0.36 0.00	35.26 0.36 0.00	57.29 0.59 0.00	43.32 0.26 0.00	34.17 -0.01 0.00	28.41 -0.01 0.00	28.48 -0.03 0.00	27.37 0.05 0.00	28.31 -0.01 0.00	33.19 0.18 0.00	39.94 0.23 0.00	37.47 0.34 0.00	41.83 0.40 0.00	38.46 0.25 0.00	36.28 0.37 0.00	30.03 0.38 0.00	28.15 0.36 0.00	28.23 0.36 0.00	26.44 0.31 0.00
UNION___PROCESSING_DRP 323587	28.20 -1.01 0.00	26.97 -0.95 0.00	27.15 -0.94 0.00	28.78 -1.02 0.00	26.64 -0.92 0.00	48.19 -1.45 0.00	33.61 -1.29 0.00	54.67 -2.03 0.00	41.95 -1.11 0.00	33.89 -0.29 0.00	28.35 -0.07 0.00	28.41 -0.10 0.00	27.27 -0.05 0.00	28.46 0.14 0.00	32.93 -0.08 0.00	39.42 -0.28 0.00	36.70 -0.43 0.00	40.95 -0.49 0.00	37.84 -0.37 0.00	35.29 -0.63 0.00	28.93 -0.72 0.00	27.07 -0.71 0.00	27.11 -0.77 0.00	25.48 -0.66 0.00
UPPER HUDSON___HYD 24058	30.33 1.12 0.00	29.01 1.09 0.00	29.18 1.09 0.00	30.98 1.18 0.00	28.67 1.11 0.00	51.58 1.95 0.00	36.47 1.57 0.00	59.18 2.48 0.00	44.58 1.52 0.00	34.90 0.72 0.00	28.97 0.56 0.00	28.90 0.39 0.00	27.76 0.44 0.00	28.76 0.44 0.00	33.93 0.91 0.00	40.96 1.26 0.00	38.64 1.52 0.00	43.19 1.75 0.00	39.69 1.48 0.00	37.46 1.55 0.00	30.92 1.28 0.00	28.95 1.17 0.00	29.16 1.29 0.00	27.14 1.01 0.00
UPPER RAQUET___HYD 24056	31.88 2.68 0.00	30.38 2.46 0.00	30.47 2.38 0.00	32.38 2.58 0.00	30.03 2.47 0.00	54.56 4.92 0.00	38.62 3.72 0.00	62.74 6.04 0.00	46.73 3.67 0.00	36.41 2.23 0.00	30.55 2.13 0.00	30.56 2.05 0.00	28.60 1.28 0.00	29.34 1.03 0.00	33.72 0.71 0.00	40.51 0.80 0.00	37.93 0.81 0.00	49.88 0.81 -7.63	48.76 0.83 -9.71	36.61 0.70 0.00	30.22 0.58 0.00	28.27 0.49 0.00	28.37 0.50 0.00	26.34 0.20 0.00
VALLEY44_115KV_TB2 355964	29.29 0.08 0.00	28.01 0.09 0.00	28.27 0.18 0.00	30.10 0.30 0.00	27.86 0.30 0.00	50.19 0.56 0.00	34.44 -0.46 0.00	55.94 -0.76 0.00	43.23 0.17 0.00	35.39 1.21 0.00	29.77 1.35 0.00	30.09 1.58 0.00	28.88 1.56 0.00	30.20 1.88 0.00	34.84 1.83 0.00	41.53 1.83 0.00	38.11 0.99 0.00	42.38 0.95 0.00	39.26 1.04 0.00	36.67 0.75 0.00	30.05 0.41 0.00	28.33 0.55 0.00	28.39 0.52 0.00	26.76 0.63 0.00
VALLEY___115KV_TB 1-4 80826	29.36 0.15 0.00	28.03 0.12 0.00	28.25 0.16 0.00	30.00 0.20 0.00	27.77 0.21 0.00	50.08 0.44 0.00	35.45 0.55 0.00	57.56 0.87 0.00	43.08 0.02 0.00	33.76 -0.42 0.00	28.12 -0.30 0.00	28.13 -0.38 0.00	26.88 -0.44 0.00	27.79 -0.53 0.00	32.59 -0.43 0.00	39.37 -0.34 0.00	36.90 -0.22 0.00	41.29 -0.14 0.00	37.95 -0.27 0.00	35.68 -0.23 0.00	29.57 -0.08 0.00	27.73 -0.05 0.00	27.76 -0.11 0.00	25.99 -0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.54 1.33 0.00	29.18 1.27 0.00	29.41 1.31 0.00	31.22 1.42 0.00	28.88 1.32 0.00	52.10 2.47 0.00	36.73 1.83 0.00	59.59 2.89 0.00	45.25 2.19 0.00	36.02 1.84 0.00	29.95 1.53 0.00	30.05 1.54 0.00	28.70 1.38 0.00	29.67 1.36 0.00	34.57 1.56 0.00	41.65 1.95 0.00	38.90 1.78 0.00	43.51 2.08 0.00	40.19 1.97 0.00	37.75 1.83 0.00	31.14 1.50 0.00	29.20 1.41 0.00	29.25 1.37 0.00	27.45 1.32 0.00
VISCHER___FERRY HYD 24020	30.06 0.85 0.00	28.73 0.82 0.00	28.92 0.83 0.00	30.69 0.89 0.00	28.37 0.82 0.00	51.01 1.38 0.00	35.98 1.08 0.00	58.45 1.75 0.00	44.13 1.07 0.00	34.69 0.51 0.00	28.82 0.40 0.00	28.87 0.36 0.00	27.72 0.40 0.00	28.72 0.41 0.00	33.74 0.72 0.00	40.56 0.86 0.00	38.13 1.00 0.00	42.56 1.13 0.00	39.11 0.90 0.00	36.92 1.01 0.00	30.58 0.94 0.00	28.66 0.88 0.00	28.77 0.89 0.00	26.90 0.76 0.00
V_A_10_SYNC_DSASP 323832	27.67 -1.54 0.00	26.49 -1.43 0.00	26.69 -1.41 0.00	27.08 -1.50 1.21	25.33 -1.39 0.84	46.28 -2.34 1.01	32.32 -2.15 0.42	50.17 -3.52 3.01	33.89 -2.05 7.12	31.65 -0.83 1.71	24.77 -0.46 3.19	27.39 -0.45 0.67	25.71 -0.37 1.24	25.97 -0.13 2.21	31.00 -0.51 1.50	37.44 -0.90 1.37	32.47 -1.14 3.52	37.95 -1.34 2.15	35.71 -1.09 1.41	34.55 -1.37 0.00	27.87 -1.36 0.42	24.08 -1.27 2.44	26.58 -1.29 0.00	25.06 -1.07 0.00
V_CMM_10_SYNC_DSASP 323787	29.75 0.54 0.00	28.45 0.53 0.00	28.60 0.51 0.00	30.31 0.51 0.00	28.02 0.46 0.00	50.49 0.86 0.00	35.34 0.44 0.00	57.41 0.71 0.00	43.71 0.65 0.00	34.71 0.52 0.00	28.75 0.33 0.00	28.82 0.31 0.00	27.62 0.29 0.00	28.67 0.35 0.00	33.31 0.29 0.00	40.01 0.31 0.00	37.32 0.20 0.00	41.49 0.05 0.00	38.35 0.13 0.00	36.03 0.11 0.00	29.75 0.11 0.00	27.88 0.09 0.00	27.99 0.11 0.00	26.01 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	30.52 1.31 0.00	29.17 1.25 0.00	29.33 1.25 0.00	31.13 1.33 0.00	28.74 1.19 0.00	51.67 2.04 0.00	36.20 1.30 0.00	58.50 1.80 0.00	44.95 1.89 0.00	35.52 1.34 0.00	29.39 0.97 0.00	29.37 0.86 0.00	28.08 0.76 0.00	29.10 0.78 0.00	33.71 0.70 0.00	40.36 0.66 0.00	37.26 0.14 0.00	-5.67 -0.84 46.26	-21.29 -0.59 58.91	35.62 -0.29 0.00	29.55 -0.10 0.00	27.90 0.11 0.00	28.04 0.17 0.00	25.71 -0.43 0.00
V_D_10_SYNC_DSASP 323841	29.87 0.66 0.00	28.57 0.65 0.00	28.73 0.64 0.00	30.45 0.65 0.00	28.14 0.59 0.00	50.73 1.09 0.00	35.48 0.57 0.00	57.63 0.93 0.00	43.90 0.84 0.00	34.85 0.67 0.00	28.88 0.46 0.00	28.94 0.43 0.00	27.74 0.41 0.00	28.81 0.49 0.00	33.49 0.48 0.00	40.26 0.55 0.00	37.59 0.46 0.00	43.55 0.37 -1.75	40.87 0.43 -2.23	36.29 0.38 0.00	29.97 0.32 0.00	28.05 0.27 0.00	28.16 0.29 0.00	26.18 0.04 0.00
V_E_10_SYNC_DSASP 323830	31.41 2.20 0.00	29.99 2.08 0.00	30.27 2.18 0.00	32.52 2.32 -0.41	30.02 2.18 -0.28	54.54 4.57 -0.34	38.48 3.43 -0.14	63.43 5.72 -1.01	49.55 4.09 -2.39	37.94 3.18 -0.57	32.00 2.51 -1.07	30.90 2.16 -0.23	29.49 1.75 -0.42	30.79 1.72 -0.74	35.43 1.91 -0.51	42.65 2.49 -0.46	40.70 2.39 -1.19	45.16 3.01 -0.72	41.38 2.70 -0.48	38.27 2.36 0.00	31.59 1.81 -0.14	30.15 1.54 -0.82	29.40 1.52 0.00	27.54 1.41 0.00
V_F_30_NSYNC___DSASP 323816	30.41 1.20 0.00	29.07 1.15 0.00	29.26 1.16 0.00	31.05 1.25 0.00	28.72 1.17 0.00	51.74 2.10 0.00	36.52 1.62 0.00	59.29 2.59 0.00	44.70 1.64 0.00	35.07 0.89 0.00	29.11 0.70 0.00	29.13 0.62 0.00	27.94 0.62 0.00	28.97 0.65 0.00	34.08 1.06 0.00	41.13 1.43 0.00	38.71 1.59 0.00	43.23 1.80 0.00	39.78 1.56 0.00	37.51 1.59 0.00	30.99 1.35 0.00	29.04 1.26 0.00	29.15 1.28 0.00	27.23 1.09 0.00



V_F_30_SYNC_DSASP 323786	29.59 0.38 0.00	28.28 0.36 0.00	28.45 0.36 0.00	30.19 0.40 0.00	27.93 0.37 0.00	50.21 0.58 0.00	35.43 0.53 0.00	57.57 0.87 0.00	43.53 0.47 0.00	34.33 0.15 0.00	28.54 0.12 0.00	28.61 0.10 0.00	27.50 0.17 0.00	28.45 0.13 0.00	33.35 0.34 0.00	40.16 0.45 0.00	37.67 0.55 0.00	42.06 0.63 0.00	38.68 0.47 0.00	36.47 0.55 0.00	30.16 0.52 0.00	28.27 0.48 0.00	28.35 0.48 0.00	26.55 0.41 0.00
V_XM_10_SYNC_DSASP 323789	30.52 1.31 0.00	29.17 1.25 0.00	29.33 1.25 0.00	31.13 1.33 0.00	28.74 1.19 0.00	51.67 2.04 0.00	36.20 1.30 0.00	58.50 1.80 0.00	44.95 1.89 0.00	35.52 1.34 0.00	29.39 0.97 0.00	29.37 0.86 0.00	28.08 0.76 0.00	29.10 0.78 0.00	33.71 0.70 0.00	40.36 0.66 0.00	37.26 0.14 0.00	-5.67 -0.84 46.26	-21.29 -0.59 58.91	35.62 -0.29 0.00	29.55 -0.10 0.00	27.90 0.11 0.00	28.04 0.17 0.00	25.71 -0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.36 1.16 0.00	28.98 1.07 0.00	29.07 0.98 0.00	30.88 1.09 0.00	28.61 1.05 0.00	51.37 1.73 0.00	36.27 1.37 0.00	58.96 2.26 0.00	44.88 1.82 0.00	35.77 1.58 0.00	29.87 1.46 0.00	30.03 1.52 0.00	28.74 1.42 0.00	29.70 1.38 0.00	34.72 1.70 0.00	41.73 2.03 0.00	39.03 1.91 0.00	43.65 2.22 0.00	40.23 2.02 0.00	37.94 2.02 0.00	31.29 1.64 0.00	29.40 1.61 0.00	29.45 1.58 0.00	27.72 1.58 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.51 1.30 0.00	29.11 1.20 0.00	29.19 1.10 0.00	31.02 1.22 0.00	28.76 1.20 0.00	51.58 1.95 0.00	36.42 1.52 0.00	59.19 2.49 0.00	45.13 2.07 0.00	36.02 1.84 0.00	30.18 1.76 0.00	30.32 1.81 0.00	29.03 1.71 0.00	29.94 1.62 0.00	34.97 1.96 0.00	42.04 2.34 0.00	39.31 2.19 0.00	43.93 2.51 0.00	40.48 2.27 0.00	38.17 2.26 0.00	31.48 1.83 0.00	29.57 1.79 0.00	29.64 1.77 0.00	27.92 1.78 0.00
W50THST__13_KV_LOAD 356117	30.72 1.51 0.00	29.31 1.39 0.00	29.39 1.30 0.00	31.24 1.45 0.00	28.96 1.40 0.00	51.91 2.28 0.00	36.65 1.75 0.00	59.57 2.87 0.00	45.46 2.40 0.00	36.29 2.11 0.00	30.43 2.01 0.00	30.57 2.06 0.00	29.28 1.95 0.00	30.19 1.87 0.00	35.26 2.25 0.00	42.36 2.66 0.00	39.61 2.49 0.00	44.26 2.83 0.00	40.76 2.55 0.00	38.43 2.51 0.00	31.68 2.03 0.00	29.75 1.97 0.00	29.82 1.95 0.00	28.09 1.95 0.00
WADING RIVER_IC_1 23522	30.80 1.59 0.00	32.32 1.91 -2.49	29.39 1.30 0.00	31.69 1.89 0.00	29.54 1.98 0.00	52.47 2.83 0.00	36.79 1.88 0.00	60.03 3.33 0.00	45.49 2.43 0.00	34.96 0.77 0.00	25.38 0.83 3.87	24.84 0.65 4.32	24.87 0.64 3.09	29.50 1.18 0.00	35.94 2.16 -0.76	42.29 2.59 0.00	39.34 2.22 0.00	45.85 3.38 -1.04	46.09 3.20 -4.68	38.85 2.93 0.00	32.00 2.35 0.00	30.29 2.51 0.00	30.45 2.45 -0.12	28.34 2.20 0.00
WADING RIVER_IC_2 23547	30.80 1.59 0.00	32.32 1.91 -2.49	29.39 1.30 0.00	31.69 1.89 0.00	29.54 1.98 0.00	52.47 2.83 0.00	36.79 1.88 0.00	60.03 3.33 0.00	45.49 2.43 0.00	34.96 0.77 0.00	25.38 0.83 3.87	24.84 0.65 4.32	24.87 0.64 3.09	29.50 1.18 0.00	35.94 2.16 -0.76	42.29 2.59 0.00	39.34 2.22 0.00	45.85 3.38 -1.04	46.09 3.20 -4.68	38.85 2.93 0.00	32.00 2.35 0.00	30.29 2.51 0.00	30.45 2.45 -0.12	28.34 2.20 0.00
WADING RIVER_IC_3 23601	30.80 1.59 0.00	32.32 1.91 -2.49	29.39 1.30 0.00	31.69 1.89 0.00	29.54 1.98 0.00	52.47 2.83 0.00	36.79 1.88 0.00	60.03 3.33 0.00	45.49 2.43 0.00	34.96 0.77 0.00	25.38 0.83 3.87	24.84 0.65 4.32	24.87 0.64 3.09	29.50 1.18 0.00	35.94 2.16 -0.76	42.29 2.59 0.00	39.34 2.22 0.00	45.85 3.38 -1.04	46.09 3.20 -4.68	38.85 2.93 0.00	32.00 2.35 0.00	30.29 2.51 0.00	30.45 2.45 -0.12	28.34 2.20 0.00
WALDENNY_12_KV_BK2 80841	28.36 -0.84 0.00	27.18 -0.74 0.00	27.41 -0.68 0.00	29.08 -0.71 0.00	26.89 -0.66 0.00	48.73 -0.91 0.00	33.68 -1.22 0.00	54.73 -1.97 0.00	42.35 -0.71 0.00	34.60 0.41 0.00	29.07 0.65 0.00	29.14 0.63 0.00	28.01 0.69 0.00	29.31 0.99 0.00	33.72 0.71 0.00	40.21 0.50 0.00	37.25 0.12 0.00	41.47 0.04 0.00	38.40 0.19 0.00	35.61 -0.31 0.00	29.10 -0.54 0.00	27.27 -0.51 0.00	27.29 -0.58 0.00	25.74 -0.39 0.00
WALDEN__HYDRO 24148	30.33 1.13 0.00	28.95 1.04 0.00	29.06 0.97 0.00	30.87 1.08 0.00	28.59 1.04 0.00	51.35 1.72 0.00	36.26 1.36 0.00	58.93 2.23 0.00	44.84 1.78 0.00	35.68 1.50 0.00	29.77 1.36 0.00	29.88 1.37 0.00	28.61 1.29 0.00	29.56 1.24 0.00	34.55 1.54 0.00	41.59 1.88 0.00	38.92 1.80 0.00	43.56 2.13 0.00	40.17 1.96 0.00	37.86 1.94 0.00	31.23 1.59 0.00	29.32 1.54 0.00	29.38 1.51 0.00	27.63 1.49 0.00
WARRENSBURG____ 23737	30.33 1.12 0.00	29.01 1.09 0.00	29.18 1.09 0.00	30.98 1.18 0.00	28.67 1.11 0.00	51.58 1.95 0.00	36.47 1.57 0.00	59.18 2.48 0.00	44.58 1.52 0.00	34.90 0.72 0.00	28.97 0.56 0.00	28.90 0.39 0.00	27.76 0.44 0.00	28.76 0.44 0.00	33.93 0.91 0.00	40.96 1.26 0.00	38.64 1.52 0.00	43.19 1.75 0.00	39.69 1.48 0.00	37.46 1.55 0.00	30.92 1.28 0.00	28.95 1.17 0.00	29.16 1.29 0.00	27.14 1.01 0.00
WATERSIDE____6 8 9 23538	30.52 1.31 0.00	29.12 1.21 0.00	29.20 1.11 0.00	31.05 1.25 0.00	28.78 1.22 0.00	51.52 1.88 0.00	36.40 1.49 0.00	59.12 2.43 0.00	45.11 2.05 0.00	36.01 1.83 0.00	30.20 1.78 0.00	30.33 1.82 0.00	29.03 1.71 0.00	29.92 1.61 0.00	34.93 1.92 0.00	42.00 2.29 0.00	39.27 2.15 0.00	43.87 2.44 0.00	40.44 2.23 0.00	38.15 2.24 0.00	31.45 1.80 0.00	29.55 1.76 0.00	29.62 1.75 0.00	27.92 1.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.31 0.10 0.00	28.00 0.08 0.00	28.20 0.11 0.00	29.92 0.12 0.00	27.69 0.13 0.00	49.90 0.26 0.00	35.27 0.37 0.00	57.28 0.58 0.00	43.07 0.01 0.00	33.88 -0.30 0.00	28.20 -0.22 0.00	28.24 -0.27 0.00	27.02 -0.30 0.00	27.94 -0.37 0.00	32.72 -0.29 0.00	39.54 -0.16 0.00	37.10 -0.02 0.00	41.51 0.08 0.00	38.20 -0.01 0.00	35.93 0.02 0.00	29.72 0.07 0.00	27.88 0.09 0.00	27.93 0.06 0.00	26.16 0.03 0.00
WATSON__69_KV_BK 1 55734	31.29 2.09 0.00	32.53 2.12 -2.49	29.80 1.71 0.00	31.86 2.06 0.00	29.65 2.09 0.00	52.65 3.02 0.00	37.11 2.21 0.00	60.56 3.87 0.00	45.97 2.91 0.00	36.09 1.91 -0.44	30.56 1.71 -0.49	30.53 1.53 -0.35	29.13 1.46 0.00	30.22 1.90 0.00	36.57 2.78 -0.78	42.77 3.06 0.00	40.01 2.89 0.00	46.04 3.55 -1.05	46.36 3.39 -4.76	39.08 3.17 0.00	32.19 2.55 0.00	30.45 2.66 0.00	30.61 2.62 -0.12	28.52 2.38 0.00
WDELAWARE__HYD 323627	30.66 1.45 0.00	29.27 1.35 0.00	29.39 1.30 0.00	31.22 1.42 0.00	28.91 1.36 0.00	52.02 2.38 0.00	36.74 1.84 0.00	59.73 3.04 0.00	45.41 2.35 0.00	36.09 1.90 0.00	29.98 1.56 0.00	30.05 1.54 0.00	28.75 1.43 0.00	29.74 1.42 0.00	34.71 1.70 0.00	41.90 2.19 0.00	39.32 2.19 0.00	44.03 2.60 0.00	40.63 2.42 0.00	38.26 2.34 0.00	31.54 1.90 0.00	29.60 1.82 0.00	29.64 1.77 0.00	27.86 1.72 0.00

WEST BABYLON___IC 23714	31.25 2.05 0.00	32.46 2.05 -2.49	29.77 1.68 0.00	31.80 2.00 0.00	29.57 2.01 0.00	52.54 2.90 0.00	37.05 2.15 0.00	60.46 3.76 0.00	45.88 2.83 0.00	36.12 1.94 0.00	30.14 1.72 0.00	30.07 1.56 0.00	28.80 1.48 0.00	30.21 1.89 0.00	36.55 2.72 -0.82	42.68 2.98 0.00	39.95 2.83 0.00	45.95 3.43 -1.09	46.39 3.26 -4.91	38.97 3.06 0.00	32.10 2.46 0.00	30.36 2.58 0.00	30.52 2.52 -0.12	28.44 2.30 0.00
WEST CANADA___HYD 24049	29.27 0.06 0.00	27.99 0.07 0.00	28.17 0.08 0.00	29.89 0.09 0.00	27.64 0.08 0.00	49.78 0.15 0.00	35.06 0.16 0.00	56.95 0.25 0.00	43.16 0.10 0.00	34.20 0.02 0.00	28.44 0.03 0.00	28.54 0.03 0.00	27.33 0.01 0.00	28.29 -0.03 0.00	33.01 0.00 0.00	39.73 0.03 0.00	37.17 0.05 0.00	41.52 0.08 0.00	38.27 0.06 0.00	35.98 0.06 0.00	29.70 0.06 0.00	27.84 0.05 0.00	27.93 0.05 0.00	26.18 0.04 0.00
WESTERN_NY_WIND 24143	28.48 -0.73 0.00	27.25 -0.66 0.00	27.46 -0.64 0.00	29.08 -0.72 0.00	26.93 -0.63 0.00	48.82 -0.81 0.00	33.92 -0.99 0.00	55.20 -1.50 0.00	42.57 -0.49 0.00	34.65 0.47 0.00	29.07 0.65 0.00	29.09 0.59 0.00	27.94 0.62 0.00	29.20 0.88 0.00	33.72 0.70 0.00	40.21 0.51 0.00	37.40 0.28 0.00	41.69 0.26 0.00	38.58 0.37 0.00	35.82 -0.10 0.00	29.30 -0.34 0.00	27.41 -0.37 0.00	27.44 -0.44 0.00	25.85 -0.28 0.00
WESTOVER___LESR 323668	29.33 0.13 0.00	27.98 0.06 0.00	28.23 0.14 0.00	29.94 0.15 0.00	27.70 0.15 0.00	50.07 0.44 0.00	35.18 0.28 0.00	57.21 0.51 0.00	43.53 0.47 0.00	34.73 0.55 0.00	28.88 0.46 0.00	29.04 0.53 0.00	27.79 0.47 0.00	28.79 0.48 0.00	33.55 0.53 0.00	40.33 0.63 0.00	37.57 0.45 0.00	42.08 0.65 0.00	38.84 0.63 0.00	36.39 0.47 0.00	29.98 0.33 0.00	28.04 0.26 0.00	28.13 0.26 0.00	26.40 0.26 0.00
WETHRSFD_WT_PWR 323626	28.25 -0.96 0.00	27.03 -0.88 0.00	27.31 -0.78 0.00	28.40 -0.77 0.63	26.44 -0.68 0.44	48.20 -0.90 0.53	33.60 -1.08 0.22	53.37 -1.76 1.57	38.65 -0.70 3.71	33.53 0.24 0.89	27.15 0.39 1.66	28.59 0.43 0.35	27.14 0.46 0.65	27.83 0.67 1.15	32.62 0.38 0.78	39.22 0.22 0.71	35.11 -0.19 1.82	40.10 -0.22 1.11	37.35 -0.13 0.73	35.38 -0.53 0.00	28.68 -0.75 0.22	25.76 -0.76 1.26	27.04 -0.83 0.00	25.51 -0.62 0.00
WHAVSTOR_138KV_BK127 55557	30.23 1.02 0.00	28.87 0.95 0.00	28.96 0.87 0.00	30.76 0.96 0.00	28.50 0.94 0.00	51.15 1.51 0.00	36.10 1.20 0.00	58.67 1.97 0.00	44.66 1.60 0.00	35.59 1.41 0.00	29.74 1.32 0.00	29.88 1.37 0.00	28.61 1.29 0.00	29.55 1.23 0.00	34.53 1.52 0.00	41.52 1.81 0.00	38.82 1.70 0.00	43.42 1.99 0.00	40.03 1.81 0.00	37.76 1.84 0.00	31.14 1.50 0.00	29.26 1.48 0.00	29.33 1.46 0.00	27.61 1.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.23 1.02 0.00	28.87 0.95 0.00	28.96 0.87 0.00	30.76 0.96 0.00	28.50 0.94 0.00	51.15 1.51 0.00	36.10 1.20 0.00	58.67 1.97 0.00	44.66 1.60 0.00	35.59 1.41 0.00	29.74 1.32 0.00	29.88 1.37 0.00	28.61 1.29 0.00	29.55 1.23 0.00	34.53 1.52 0.00	41.52 1.81 0.00	38.82 1.70 0.00	43.42 1.99 0.00	40.03 1.81 0.00	37.76 1.84 0.00	31.14 1.50 0.00	29.26 1.48 0.00	29.33 1.46 0.00	27.61 1.47 0.00
WHITEHAL_115KV_TB1 80871	31.08 1.87 0.00	29.82 1.91 0.00	30.01 1.92 0.00	31.88 2.08 0.00	29.48 1.92 0.00	52.81 3.17 0.00	37.42 2.52 0.00	60.51 3.81 0.00	45.52 2.46 0.00	35.28 1.09 0.00	29.45 1.03 0.00	29.35 0.84 0.00	28.28 0.96 0.00	29.34 1.02 0.00	35.00 1.98 0.00	42.18 2.48 0.00	40.01 2.88 0.00	44.72 3.29 0.00	40.96 2.75 0.00	38.83 2.92 0.00	31.95 2.31 0.00	29.80 2.01 0.00	30.23 2.35 0.00	27.81 1.68 0.00
WHITEPLN_13_KV_LOAD 356215	30.65 1.44 0.00	29.25 1.33 0.00	29.33 1.24 0.00	31.15 1.35 0.00	28.86 1.31 0.00	51.79 2.16 0.00	36.60 1.70 0.00	59.51 2.81 0.00	45.32 2.25 0.00	36.15 1.97 0.00	30.20 1.78 0.00	30.33 1.81 0.00	29.04 1.72 0.00	29.99 1.67 0.00	35.06 2.05 0.00	42.17 2.47 0.00	39.43 2.31 0.00	44.12 2.69 0.00	40.66 2.45 0.00	38.31 2.40 0.00	31.58 1.94 0.00	29.66 1.88 0.00	29.72 1.85 0.00	27.96 1.82 0.00
WM_FLOYD_69_KV_BK2 356380	30.97 1.76 0.00	32.34 1.93 -2.49	29.51 1.42 0.00	31.69 1.89 0.00	29.52 1.96 0.00	52.43 2.79 0.00	36.84 1.94 0.00	60.13 3.43 0.00	45.58 2.52 0.00	35.39 1.21 0.00	21.40 1.14 8.15	20.36 0.96 9.11	21.72 0.91 6.51	29.72 1.40 0.00	36.11 2.33 -0.76	42.38 2.68 0.00	39.54 2.41 0.00	45.78 3.31 -1.04	46.05 3.15 -4.69	38.82 2.91 0.00	31.98 2.34 0.00	30.27 2.48 0.00	30.42 2.43 -0.12	28.32 2.19 0.00
WOODARD___115KV_TB2 355635	28.58 -0.62 0.00	27.30 -0.62 0.00	27.48 -0.61 0.00	29.16 -0.63 0.00	26.98 -0.58 0.00	48.70 -0.93 0.00	34.27 -0.63 0.00	55.73 -0.96 0.00	42.37 -0.69 0.00	33.67 -0.51 0.00	28.01 -0.40 0.00	28.09 -0.41 0.00	26.93 -0.39 0.00	27.94 -0.37 0.00	32.57 -0.44 0.00	39.18 -0.52 0.00	36.66 -0.46 0.00	40.99 -0.45 0.00	37.79 -0.42 0.00	35.44 -0.47 0.00	29.20 -0.44 0.00	27.34 -0.44 0.00	27.41 -0.46 0.00	25.72 -0.41 0.00
YORK___WARBASSE 23770	30.56 1.35 0.00	29.15 1.24 0.00	29.28 1.19 0.00	31.22 1.43 0.00	28.94 1.38 0.00	51.79 2.16 0.00	36.66 1.74 -0.01	59.50 2.80 0.00	45.40 2.33 0.00	36.26 2.07 -0.01	30.39 1.97 0.00	30.50 1.98 0.00	29.18 1.86 0.00	30.07 1.75 0.00	35.12 2.11 0.00	42.24 2.53 0.00	39.50 2.38 0.00	44.08 2.65 0.00	40.70 2.49 0.00	38.42 2.49 -0.01	31.67 2.02 -0.01	29.76 1.97 -0.01	29.81 1.93 0.00	28.08 1.95 0.00