

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/18/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.94	20.88	24.61	22.30	24.87	24.19	27.44	30.93	25.86	24.37	26.96	27.02	32.30	40.85	42.16	49.07	51.60	92.75	87.24	59.92	56.64	51.46	48.53	39.47
24138	1.21	0.91	0.89	0.85	0.91	1.01	1.29	1.62	1.66	1.73	2.05	2.25	2.58	3.26	3.47	3.75	3.85	6.66	4.73	2.87	2.37	2.36	1.92	1.48
	-0.51	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.03	20.94	24.69	22.37	24.95	24.26	27.52	30.99	25.90	24.38	26.97	27.01	32.30	40.84	42.14	49.05	51.61	92.77	87.31	60.02	56.76	51.58	48.67	39.58
24260	1.31	0.97	0.97	0.92	0.98	1.08	1.36	1.68	1.69	1.73	2.05	2.24	2.58	3.25	3.45	3.73	3.86	6.67	4.80	2.97	2.49	2.48	2.05	1.59
	-0.51	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.03	20.94	24.69	22.37	24.95	24.26	27.52	30.99	25.90	24.38	26.97	27.01	32.30	40.84	42.14	49.05	51.61	92.77	87.31	60.02	56.76	51.58	48.67	39.58
24261	1.31	0.97	0.97	0.92	0.98	1.08	1.36	1.68	1.69	1.73	2.05	2.24	2.58	3.25	3.45	3.73	3.86	6.67	4.80	2.97	2.49	2.48	2.05	1.59
	-0.51	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.15	21.06	24.94	22.64	25.20	24.17	27.71	31.07	25.47	23.63	25.71	25.45	30.51	38.58	39.80	46.88	49.75	90.41	86.76	60.21	57.18	51.72	48.61	39.48
24011	1.42	1.10	1.22	1.19	1.24	1.13	1.56	1.76	1.27	0.99	0.79	0.69	0.78	0.99	1.10	1.56	2.00	4.32	4.25	3.15	2.90	2.61	1.99	1.49
	0.48	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.33	21.20	25.10	22.80	25.35	24.26	27.93	31.31	25.62	23.77	25.80	25.51	30.60	38.67	39.87	46.99	49.92	90.72	87.22	60.63	57.65	52.15	48.86	39.67
23798	1.59	1.24	1.38	1.34	1.40	1.22	1.78	2.00	1.42	1.13	0.89	0.74	0.87	1.08	1.17	1.67	2.16	4.62	4.71	3.58	3.38	3.05	2.25	1.68
	0.47	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.15	21.06	24.94	22.64	25.20	24.17	27.71	31.07	25.47	23.63	25.71	25.45	30.51	38.58	39.80	46.88	49.75	90.41	86.76	60.21	57.18	51.72	48.61	39.48
24028	1.42	1.10	1.22	1.19	1.24	1.13	1.56	1.76	1.27	0.99	0.79	0.69	0.78	0.99	1.10	1.56	2.00	4.32	4.25	3.15	2.90	2.61	1.99	1.49
	0.48	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	27.97	20.64	24.43	22.22	24.64	23.62	27.13	30.59	25.28	23.56	25.71	25.54	30.50	38.52	39.69	46.58	49.11	88.25	84.07	58.25	55.41	50.23	47.36	38.60
23527	0.76	0.68	0.71	0.77	0.68	0.66	0.98	1.28	1.07	0.91	0.79	0.77	0.78	0.93	1.00	1.26	1.36	2.16	1.56	1.20	1.14	1.12	0.75	0.61
	1.01	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.82	20.00	23.74	21.58	23.97	23.10	26.15	29.42	24.37	22.75	24.97	24.83	29.59	37.39	38.56	45.08	47.43	85.33	81.29	56.18	53.35	48.37	45.81	37.35
24190	-0.08	0.03	0.02	0.13	0.01	0.04	0.00	0.12	0.17	0.11	0.05	0.06	-0.14	-0.19	-0.13	-0.24	-0.32	-0.77	-1.22	-0.87	-0.92	-0.73	-0.80	-0.64
	0.32	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	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	28.30	20.01	23.79	21.50	23.99	23.16	26.13	29.24	24.14	22.60	24.92	24.73	29.75	37.56	38.58	45.44	47.81	85.98	83.38	57.81	55.29	49.79	47.42	38.71
355683	0.09	0.05	0.07	0.05	0.03	0.05	-0.01	-0.07	-0.07	-0.04	0.00	-0.04	0.03	-0.04	-0.11	0.12	0.05	-0.12	0.87	0.76	1.02	0.69	0.81	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.64	20.48	24.33	22.08	24.57	23.69	26.81	30.03	24.67	22.88	25.05	24.90	29.73	37.57	38.67	44.73	23.61	82.10	81.62	56.51	53.65	48.66	46.09	37.60
323833	0.63	0.52	0.61	0.63	0.61	0.60	0.65	0.72	0.46	0.24	0.13	0.13	0.00	-0.02	-0.02	-0.58	-0.58	-0.91	-0.89	-0.55	-0.62	-0.44	-0.52	-0.40
	0.20	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.57	3.08	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	28.63	20.47	24.32	22.08	24.56	23.68	26.80	30.02	24.66	22.88	25.05	24.89	29.73	37.57	38.67	44.73	23.60	82.06	81.58	56.48	53.64	48.64	46.07	37.58
323834	0.62	0.51	0.60	0.62	0.60	0.59	0.64	0.71	0.45	0.24	0.13	0.13	0.00	-0.02	-0.03	-0.59	-0.60	-0.96	-0.93	-0.57	-0.63	-0.46	-0.55	-0.41
	0.20	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.56	3.08	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.82	20.00	23.74	21.58	23.97	23.10	26.15	29.42	24.37	22.75	24.97	24.83	29.59	37.39	38.56	45.08	47.43	85.33	81.29	56.18	53.35	48.37	45.81	37.35
23571	-0.08	0.03	0.02	0.13	0.01	0.04	0.00	0.12	0.17	0.11	0.05	0.06	-0.14	-0.19	-0.13	-0.24	-0.32	-0.77	-1.22	-0.87	-0.92	-0.73	-0.80	-0.64
	0.32	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	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	27.82 -0.08 0.32	20.00 0.03 0.00	23.74 0.02 0.00	21.58 0.13 0.00	23.97 0.01 0.00	23.10 0.04 0.05	26.15 0.00 0.00	29.42 0.12 0.00	24.37 0.17 0.00	22.75 0.11 0.00	24.97 0.05 0.00	24.83 0.06 0.00	29.59 -0.14 0.00	37.39 -0.19 0.00	38.56 -0.13 0.00	45.08 -0.24 0.00	47.43 -0.32 0.00	85.33 -0.77 0.00	81.29 -1.22 0.00	56.18 -0.87 0.00	53.35 -0.92 0.00	48.37 -0.73 0.00	45.81 -0.80 0.00	37.35 -0.64 0.00
ALBANY___3 23573	27.82 -0.08 0.32	20.00 0.03 0.00	23.74 0.02 0.00	21.58 0.13 0.00	23.97 0.01 0.00	23.10 0.04 0.05	26.15 0.00 0.00	29.42 0.12 0.00	24.37 0.17 0.00	22.75 0.11 0.00	24.97 0.05 0.00	24.83 0.06 0.00	29.59 -0.14 0.00	37.39 -0.19 0.00	38.56 -0.13 0.00	45.08 -0.24 0.00	47.43 -0.32 0.00	85.33 -0.77 0.00	81.29 -1.22 0.00	56.18 -0.87 0.00	53.35 -0.92 0.00	48.37 -0.73 0.00	45.81 -0.80 0.00	37.35 -0.64 0.00
ALBANY___4 23574	27.82 -0.08 0.32	20.00 0.03 0.00	23.74 0.02 0.00	21.58 0.13 0.00	23.97 0.01 0.00	23.10 0.04 0.05	26.15 0.00 0.00	29.42 0.12 0.00	24.37 0.17 0.00	22.75 0.11 0.00	24.97 0.05 0.00	24.83 0.06 0.00	29.59 -0.14 0.00	37.39 -0.19 0.00	38.56 -0.13 0.00	45.08 -0.24 0.00	47.43 -0.32 0.00	85.33 -0.77 0.00	81.29 -1.22 0.00	56.18 -0.87 0.00	53.35 -0.92 0.00	48.37 -0.73 0.00	45.81 -0.80 0.00	37.35 -0.64 0.00
ALBANY___LFGE 323615	28.07 0.21 0.35	20.20 0.23 0.00	23.98 0.25 0.00	21.77 0.32 0.00	24.20 0.24 0.00	23.33 0.27 0.05	26.44 0.29 0.00	29.74 0.43 0.00	24.62 0.41 0.00	22.97 0.33 0.00	25.21 0.29 0.00	25.08 0.32 0.00	29.92 0.19 0.00	37.84 0.25 0.00	39.01 0.32 0.00	45.65 0.33 0.00	48.07 0.31 0.00	86.55 0.46 0.00	82.50 -0.01 0.00	56.97 -0.08 0.00	54.08 -0.19 0.00	49.02 -0.08 0.00	46.39 -0.22 0.00	37.81 -0.18 0.00
ALCOA_PA_115KV_PL-6C 55860	28.47 0.26 0.00	20.13 0.16 0.00	23.94 0.21 0.00	21.63 0.17 0.00	24.13 0.17 0.00	23.32 0.20 0.00	26.27 0.12 0.00	29.39 0.08 0.00	24.17 -0.03 0.00	22.61 -0.03 0.00	24.96 0.04 0.00	24.74 -0.02 0.00	29.78 0.05 0.00	37.65 0.07 0.00	38.68 -0.01 0.00	44.96 -0.36 0.00	47.81 0.06 0.00	86.54 0.44 0.00	83.62 1.11 0.00	58.19 1.13 0.00	55.66 1.39 0.00	50.08 0.98 0.00	47.75 1.14 0.00	38.97 0.98 0.00
ALCOA_RYNLDS___DRP 24188	28.47 0.26 0.00	20.13 0.16 0.00	23.94 0.21 0.00	21.63 0.17 0.00	24.13 0.17 0.00	23.32 0.20 0.00	26.27 0.12 0.00	29.39 0.08 0.00	24.17 -0.03 0.00	22.61 -0.03 0.00	24.96 0.04 0.00	24.74 -0.02 0.00	29.78 0.05 0.00	37.65 0.07 0.00	38.68 -0.01 0.00	44.96 -0.36 0.00	47.81 0.06 0.00	86.54 0.44 0.00	83.62 1.11 0.00	58.19 1.13 0.00	55.66 1.39 0.00	50.08 0.98 0.00	47.75 1.14 0.00	38.97 0.98 0.00
ALCOA___DSASP 323711	28.47 0.26 0.00	20.13 0.16 0.00	23.94 0.21 0.00	21.62 0.17 0.00	24.13 0.17 0.00	23.32 0.20 0.00	26.27 0.12 0.00	29.39 0.08 0.00	24.18 -0.03 0.00	22.61 -0.03 0.00	24.96 0.04 0.00	24.74 -0.02 0.00	29.78 0.05 0.00	37.65 0.07 0.00	38.68 -0.01 0.00	44.96 -0.36 0.00	47.81 0.06 0.00	86.52 0.42 0.00	83.62 1.11 0.00	58.19 1.13 0.00	55.66 1.39 0.00	50.08 0.98 0.00	47.75 1.14 0.00	38.97 0.98 0.00
ALLEGHENY___COGEN 23514	30.84 1.53 -1.10	20.93 0.90 -0.06	25.59 1.19 -0.68	22.53 0.93 -0.15	25.97 1.28 -0.73	24.69 1.21 -0.37	28.75 1.45 -1.15	31.81 1.34 -1.17	24.81 0.36 -0.24	22.82 0.10 -0.07	25.33 0.21 -0.20	25.03 0.11 -0.15	30.45 0.31 -0.41	39.34 0.50 -1.24	40.59 0.47 -1.42	48.07 0.84 -1.91	50.87 0.87 -2.24	93.06 2.13 -4.84	89.68 3.38 -3.80	63.42 2.84 -3.52	60.12 2.67 -3.18	53.53 1.93 -2.50	50.67 1.69 -2.35	40.78 1.36 -1.42
ALTAMONT_115KV_TB 2 55880	28.34 0.33 0.20	20.26 0.30 0.00	24.05 0.33 0.00	21.81 0.35 0.00	24.28 0.33 0.00	23.40 0.32 0.03	26.52 0.37 0.00	29.78 0.48 0.00	24.64 0.43 0.00	23.01 0.37 0.00	25.26 0.34 0.00	25.14 0.37 0.00	30.04 0.31 0.00	37.98 0.39 0.00	39.13 0.44 0.00	45.71 0.39 0.00	49.45 0.36 -1.34	86.76 0.50 -0.18	82.54 0.03 0.00	57.08 0.02 0.00	54.19 -0.08 0.00	49.15 0.05 0.00	46.59 -0.03 0.00	37.97 -0.02 0.00
ALTONA_WT_PWR 323606	29.40 1.19 0.00	20.85 0.89 0.00	24.57 0.85 0.00	22.14 0.69 0.00	24.41 0.45 0.00	23.62 0.51 0.00	26.77 0.62 0.00	29.79 0.48 0.00	24.51 0.31 0.00	22.87 0.23 0.00	25.01 0.09 0.00	25.35 0.58 0.00	30.31 0.59 0.00	37.62 0.04 0.00	38.04 -0.65 0.00	44.96 -0.36 0.00	46.64 -1.11 0.00	84.05 -2.04 0.00	82.47 -0.04 0.00	57.11 0.06 0.00	54.69 0.42 0.00	49.58 0.48 0.00	47.76 1.14 0.00	39.47 1.48 0.00
AMERICAN_REF_FUEL 24010	29.22 0.04 -0.96	19.90 -0.12 -0.05	24.37 0.05 -0.59	21.48 -0.10 -0.13	24.74 0.15 -0.63	23.40 -0.03 -0.33	26.68 -0.48 -1.00	29.13 -1.19 -1.02	22.99 -1.42 -0.21	21.86 -0.85 -0.06	24.32 -0.78 -0.18	23.98 -0.92 -0.14	29.14 -0.95 -0.36	37.43 -1.24 -1.08	38.39 -1.55 -1.24	45.63 -1.35 -1.66	48.19 -1.52 -1.95	87.31 -3.00 -4.22	81.32 -4.50 -3.31	56.99 -3.13 -3.07	54.15 -2.90 -2.78	48.13 -3.16 -2.18	46.10 -2.57 -2.05	38.23 -1.00 -1.24
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.04 0.84 -0.99	20.38 0.35 -0.06	24.99 0.65 -0.62	21.91 0.32 -0.13	25.38 0.77 -0.66	23.95 0.50 -0.34	27.62 0.43 -1.04	30.51 0.15 -1.05	24.05 -0.37 -0.22	22.65 -0.06 -0.06	25.23 0.12 -0.18	24.96 0.05 -0.14	30.37 0.28 -0.37	39.16 0.45 -1.12	40.11 0.13 -1.29	47.59 0.55 -1.72	50.35 0.57 -2.02	91.60 1.14 -4.37	85.48 -0.45 -3.43	59.86 -0.38 -3.18	56.34 -0.80 -2.88	49.86 -1.51 -2.26	47.33 -1.41 -2.13	38.73 -0.55 -1.28
ARTHUR KILL_GT_1 23520	30.24 1.52 -0.51	21.09 1.12 0.00	24.54 0.82 0.00	22.20 0.74 0.00	24.78 0.82 0.00	24.23 1.05 -0.07	27.45 1.30 0.00	30.94 1.63 0.00	25.80 1.60 0.00	24.22 1.58 0.00	26.76 1.84 0.00	26.79 2.03 0.00	32.04 2.32 0.00	40.58 2.99 0.00	42.01 3.31 0.00	48.92 3.59 0.00	51.62 3.86 0.00	93.03 6.93 0.00	87.54 5.03 0.00	60.13 3.08 0.00	56.85 2.58 0.00	51.82 2.71 0.00	48.96 2.34 0.00	39.79 1.80 0.00
ARTHUR_KILL_2 23512	30.16 1.43 -0.51	21.03 1.06 0.00	24.47 0.75 0.00	22.13 0.68 0.00	24.71 0.75 0.00	24.16 0.98 -0.07	27.38 1.23 0.00	30.85 1.54 0.00	25.74 1.53 0.00	24.16 1.51 0.00	26.68 1.76 0.00	26.73 1.96 0.00	31.97 2.24 0.00	40.46 2.87 0.00	41.89 3.20 0.00	48.78 3.46 0.00	51.45 3.70 0.00	92.69 6.60 0.00	87.20 4.69 0.00	59.90 2.85 0.00	56.65 2.38 0.00	51.62 2.52 0.00	48.78 2.16 0.00	39.66 1.66 0.00
ARTHUR_KILL_3 23513	29.67 0.95 -0.51	20.69 0.72 0.00	24.43 0.71 0.00	22.16 0.71 0.00	24.66 0.70 0.00	24.02 0.84 -0.07	27.23 1.08 0.00	30.68 1.37 0.00	25.62 1.42 0.00	24.12 1.48 0.00	26.67 1.76 0.00	26.72 1.95 0.00	31.96 2.23 0.00	40.39 2.79 0.00	41.65 2.96 0.00	48.47 3.15 0.00	50.97 3.22 0.00	91.67 5.58 0.00	86.27 3.76 0.00	59.27 2.21 0.00	56.04 1.77 0.00	51.00 1.89 0.00	48.12 1.51 0.00	39.13 1.14 0.00

ARTHUR_KILL_COGEN 323718	30.24 1.52 -0.51	21.08 1.12 0.00	24.54 0.82 0.00	22.20 0.74 0.00	24.78 0.82 0.00	24.23 1.05 -0.07	27.46 1.31 0.00	30.94 1.63 0.00	25.81 1.60 0.00	24.22 1.58 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.32 0.00	40.58 2.98 0.00	42.01 3.32 0.00	48.92 3.60 0.00	51.62 3.86 0.00	93.03 6.94 0.00	87.53 5.03 0.00	60.13 3.08 0.00	56.86 2.59 0.00	51.81 2.71 0.00	48.96 2.34 0.00	39.80 1.81 0.00
ASHOKAN____ 23654	29.01 0.80 0.00	20.50 0.53 0.00	24.27 0.55 0.00	22.00 0.55 0.00	24.51 0.55 0.00	23.73 0.62 0.00	26.95 0.80 0.00	30.34 1.03 0.00	25.10 0.90 0.00	23.41 0.77 0.00	25.70 0.78 0.00	25.55 0.79 0.00	30.50 0.77 0.00	38.59 1.00 0.00	39.83 1.13 0.00	46.64 1.32 0.00	27.46 1.81 22.11	86.44 3.24 2.89	85.18 2.67 0.00	58.81 1.76 0.00	55.72 1.46 0.00	50.44 1.34 0.00	47.60 0.99 0.00	38.69 0.70 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.73 1.01 -0.51	20.74 0.77 0.00	24.46 0.74 0.00	22.17 0.73 0.01	24.71 0.75 0.00	24.03 0.85 -0.07	27.22 1.06 0.00	30.67 1.36 0.00	25.65 1.44 0.00	24.10 1.46 0.00	26.73 1.81 0.00	26.73 1.97 0.00	31.91 2.19 0.00	40.31 2.72 0.00	41.62 2.93 0.00	48.35 3.03 0.00	50.90 3.15 0.00	91.58 5.49 0.00	86.20 3.69 0.00	59.31 2.26 0.00	56.08 1.81 0.00	50.97 1.87 0.00	48.11 1.49 0.00	39.18 1.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.73 1.01 -0.51	20.74 0.77 0.00	24.46 0.74 0.00	22.17 0.73 0.01	24.71 0.75 0.00	24.03 0.85 -0.07	27.22 1.06 0.00	30.67 1.36 0.00	25.65 1.44 0.00	24.10 1.46 0.00	26.73 1.81 0.00	26.73 1.96 0.00	31.91 2.19 0.00	40.31 2.72 0.00	41.62 2.93 0.00	48.35 3.03 0.00	50.90 3.15 0.00	91.58 5.49 0.00	86.20 3.69 0.00	59.31 2.26 0.00	56.08 1.81 0.00	50.97 1.87 0.00	48.11 1.49 0.00	39.18 1.19 0.00
ASTORIA_GT2_1 24094	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT2_2 24095	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT2_3 24096	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT2_4 24097	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT3_1 24098	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT3_2 24099	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT3_3 24100	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT3_4 24101	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT4_1 24102	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT4_2 24103	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT4_3 24104	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00

ASTORIA_GT4_4 24105	29.75 1.03 -0.51	20.76 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.67 1.36 0.00	25.65 1.45 0.00	24.10 1.46 0.00	26.74 1.83 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.05 0.00	50.93 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA_GT_1 23523	29.80 1.07 -0.51	20.79 0.82 0.00	24.51 0.79 0.00	22.22 0.77 0.01	24.76 0.80 0.00	24.09 0.90 -0.07	27.28 1.12 0.00	30.73 1.42 0.00	25.71 1.50 0.00	24.15 1.51 0.00	26.80 1.88 0.00	26.80 2.03 0.00	32.00 2.27 0.00	40.42 2.84 0.00	41.74 3.05 0.00	48.48 3.17 0.00	51.05 3.29 0.00	91.86 5.77 0.00	86.44 3.94 0.00	59.48 2.42 0.00	56.23 1.96 0.00	51.10 2.00 0.00	48.24 1.62 0.00	39.27 1.28 0.00
ASTORIA_GT_10 24110	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.79 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.87 0.00	26.83 2.07 0.00	32.05 2.32 0.00	40.53 2.94 0.00	41.81 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.82 0.00	86.52 4.01 0.00	59.45 2.40 0.00	56.20 1.93 0.00	51.10 2.00 0.00	48.25 1.63 0.00	39.29 1.30 0.00
ASTORIA_GT_11 24225	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.79 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.87 0.00	26.83 2.07 0.00	32.05 2.32 0.00	40.53 2.94 0.00	41.81 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.82 0.00	86.52 4.01 0.00	59.45 2.40 0.00	56.20 1.93 0.00	51.10 2.00 0.00	48.25 1.63 0.00	39.29 1.30 0.00
ASTORIA_GT_12 24226	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.79 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.87 0.00	26.83 2.07 0.00	32.05 2.32 0.00	40.53 2.94 0.00	41.81 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.82 0.00	86.52 4.01 0.00	59.45 2.40 0.00	56.20 1.93 0.00	51.10 2.00 0.00	48.25 1.63 0.00	39.29 1.30 0.00
ASTORIA_GT_13 24227	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.79 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.87 0.00	26.83 2.07 0.00	32.05 2.32 0.00	40.53 2.94 0.00	41.81 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.82 0.00	86.52 4.01 0.00	59.45 2.40 0.00	56.20 1.93 0.00	51.10 2.00 0.00	48.25 1.63 0.00	39.29 1.30 0.00
ASTORIA_GT_5 24106	29.80 1.07 -0.51	20.79 0.82 0.00	24.51 0.79 0.00	22.22 0.77 0.01	24.76 0.80 0.00	24.09 0.90 -0.07	27.28 1.12 0.00	30.73 1.42 0.00	25.71 1.50 0.00	24.15 1.51 0.00	26.80 1.88 0.00	26.80 2.03 0.00	32.00 2.27 0.00	40.42 2.84 0.00	41.74 3.05 0.00	48.48 3.17 0.00	51.05 3.29 0.00	91.86 5.77 0.00	86.44 3.94 0.00	59.48 2.42 0.00	56.23 1.96 0.00	51.10 2.00 0.00	48.24 1.62 0.00	39.27 1.28 0.00
ASTORIA_GT_7 24107	29.80 1.07 -0.51	20.79 0.82 0.00	24.51 0.79 0.00	22.22 0.77 0.01	24.76 0.80 0.00	24.09 0.90 -0.07	27.28 1.12 0.00	30.73 1.42 0.00	25.71 1.50 0.00	24.15 1.51 0.00	26.80 1.88 0.00	26.80 2.03 0.00	32.00 2.27 0.00	40.42 2.84 0.00	41.74 3.05 0.00	48.48 3.17 0.00	51.05 3.29 0.00	91.86 5.77 0.00	86.44 3.94 0.00	59.48 2.42 0.00	56.23 1.96 0.00	51.10 2.00 0.00	48.24 1.62 0.00	39.27 1.28 0.00
ASTORIA_GT_8 24108	29.80 1.07 -0.51	20.79 0.82 0.00	24.51 0.79 0.00	22.22 0.77 0.01	24.76 0.80 0.00	24.09 0.90 -0.07	27.28 1.12 0.00	30.73 1.42 0.00	25.71 1.50 0.00	24.15 1.51 0.00	26.80 1.88 0.00	26.80 2.03 0.00	32.00 2.27 0.00	40.42 2.84 0.00	41.74 3.05 0.00	48.48 3.17 0.00	51.05 3.29 0.00	91.86 5.77 0.00	86.44 3.94 0.00	59.48 2.42 0.00	56.23 1.96 0.00	51.10 2.00 0.00	48.24 1.62 0.00	39.27 1.28 0.00
ASTORIA___2 24149	29.75 1.03 -0.51	20.75 0.79 0.00	24.47 0.75 0.00	22.19 0.74 0.01	24.72 0.76 0.00	24.04 0.86 -0.07	27.23 1.08 0.00	30.69 1.38 0.00	25.66 1.45 0.00	24.11 1.47 0.00	26.73 1.82 0.00	26.74 1.98 0.00	31.93 2.20 0.00	40.34 2.75 0.00	41.64 2.95 0.00	48.37 3.06 0.00	50.94 3.18 0.00	91.62 5.53 0.00	86.25 3.74 0.00	59.33 2.28 0.00	56.11 1.84 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.20 1.21 0.00
ASTORIA___3 23516	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.80 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.86 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.80 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.83 0.00	86.53 4.02 0.00	59.46 2.41 0.00	56.21 1.94 0.00	51.11 2.01 0.00	48.25 1.63 0.00	39.29 1.30 0.00
ASTORIA___4 23517	29.82 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.79 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.87 0.00	26.83 2.07 0.00	32.05 2.32 0.00	40.53 2.94 0.00	41.81 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.82 0.00	86.51 4.00 0.00	59.45 2.40 0.00	56.20 1.93 0.00	51.10 2.00 0.00	48.25 1.63 0.00	39.29 1.30 0.00
ASTORIA___5 23518	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.80 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.86 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.80 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.83 0.00	86.53 4.02 0.00	59.46 2.41 0.00	56.21 1.94 0.00	51.11 2.01 0.00	48.25 1.63 0.00	39.29 1.30 0.00
AST_ENERGY_2_CC3 323677	25.56 0.73 3.38	20.62 0.65 0.00	24.30 0.58 0.00	22.04 0.59 0.01	24.54 0.58 0.00	23.88 0.69 -0.07	25.32 0.83 1.66	25.66 1.07 4.72	24.40 1.25 1.05	23.95 1.30 0.00	26.57 1.64 0.00	26.57 1.81 0.00	27.06 1.89 4.56	27.01 2.34 12.93	28.15 2.54 13.09	35.03 2.58 12.87	37.48 2.67 12.94	78.27 4.63 12.46	72.88 2.89 12.51	45.83 1.70 12.92	42.58 1.28 12.97	37.49 1.38 12.99	34.67 1.03 12.97	28.24 0.81 10.56
AST_ENERGY_2_CC4 323678	25.56 0.73 3.38	20.62 0.65 0.00	24.30 0.58 0.00	22.04 0.59 0.01	24.54 0.58 0.00	23.88 0.69 -0.07	25.32 0.83 1.66	25.66 1.07 4.72	24.40 1.25 1.05	23.95 1.30 0.00	26.57 1.64 0.00	26.57 1.81 0.00	27.06 1.89 4.56	27.01 2.34 12.93	28.15 2.54 13.09	35.03 2.58 12.87	37.48 2.67 12.94	78.27 4.63 12.46	72.88 2.89 12.51	45.83 1.70 12.92	42.58 1.28 12.97	37.49 1.38 12.99	34.67 1.03 12.97	28.24 0.81 10.56

ATHENS_STG_1 23668	28.94 0.51 -0.23	20.39 0.43 0.00	24.15 0.43 0.00	21.88 0.43 0.00	24.39 0.43 0.00	23.59 0.45 -0.03	26.71 0.56 0.00	30.02 0.71 0.00	24.93 0.73 0.00	23.34 0.70 0.00	25.68 0.76 0.00	25.63 0.86 0.00	30.61 0.89 0.00	38.70 1.11 0.00	39.90 1.21 0.00	46.55 1.23 0.00	48.98 1.22 0.00	88.10 2.01 0.00	83.56 1.05 0.00	57.66 0.61 0.00	54.67 0.40 0.00	49.65 0.54 0.00	46.97 0.36 0.00	38.25 0.26 0.00
ATHENS_STG_2 23670	28.94 0.51 -0.23	20.39 0.43 0.00	24.15 0.43 0.00	21.88 0.43 0.00	24.39 0.43 0.00	23.59 0.45 -0.03	26.71 0.56 0.00	30.02 0.71 0.00	24.93 0.73 0.00	23.34 0.70 0.00	25.68 0.76 0.00	25.63 0.86 0.00	30.61 0.89 0.00	38.70 1.11 0.00	39.90 1.21 0.00	46.55 1.23 0.00	48.98 1.22 0.00	88.10 2.01 0.00	83.56 1.05 0.00	57.66 0.61 0.00	54.67 0.40 0.00	49.65 0.54 0.00	46.97 0.36 0.00	38.25 0.26 0.00
ATHENS_STG_3 23677	28.94 0.51 -0.23	20.39 0.43 0.00	24.15 0.43 0.00	21.88 0.43 0.00	24.39 0.43 0.00	23.59 0.45 -0.03	26.71 0.56 0.00	30.02 0.71 0.00	24.93 0.73 0.00	23.34 0.70 0.00	25.68 0.76 0.00	25.63 0.86 0.00	30.61 0.89 0.00	38.70 1.11 0.00	39.90 1.21 0.00	46.55 1.23 0.00	48.98 1.22 0.00	88.10 2.01 0.00	83.56 1.05 0.00	57.66 0.61 0.00	54.67 0.40 0.00	49.65 0.54 0.00	46.97 0.36 0.00	38.25 0.26 0.00
AUBURN___LFGE 323710	30.66 0.30 -2.14	20.22 0.14 -0.12	25.26 0.21 -1.33	21.88 0.13 -0.29	25.63 0.26 -1.42	24.06 0.22 -0.73	28.70 0.30 -2.25	31.86 0.28 -2.27	24.68 0.00 -0.48	22.70 -0.08 -0.14	25.20 -0.11 -0.39	24.91 -0.16 -0.30	30.41 -0.12 -0.80	39.96 -0.06 -2.43	41.42 -0.06 -2.78	49.10 0.06 -3.72	52.20 0.07 -4.37	96.18 0.64 -9.44	90.45 0.54 -7.41	64.35 0.42 -6.87	60.78 0.29 -6.21	54.14 0.15 -4.89	51.20 -0.01 -4.59	40.75 -0.01 -2.77
BABYLON_RES_REC 323704	29.85 1.12 -0.51	20.86 0.90 0.00	24.53 0.81 0.00	22.10 0.65 0.00	24.67 0.71 0.00	23.99 0.82 -0.07	27.17 1.03 0.00	30.39 1.08 0.00	25.49 1.29 0.00	24.01 1.37 0.00	26.67 1.75 0.00	26.64 1.87 0.00	31.94 2.22 0.00	40.44 2.85 0.00	41.59 2.90 0.00	48.01 2.69 0.00	50.26 2.50 0.00	89.50 3.41 0.00	84.10 1.59 0.00	57.93 0.87 0.00	55.15 0.88 0.00	50.12 1.02 0.00	47.66 1.05 0.00	39.09 1.09 0.00
BALL_HILL_WT_PWR 323825	29.72 0.52 -0.99	20.17 0.15 -0.06	24.72 0.39 -0.61	21.71 0.13 -0.13	25.11 0.50 -0.65	23.72 0.27 -0.33	27.26 0.07 -1.03	30.03 -0.32 -1.05	23.71 -0.72 -0.22	22.40 -0.30 -0.06	24.94 -0.16 -0.18	24.67 -0.24 -0.14	30.01 -0.08 -0.37	38.68 -0.02 -1.12	39.65 -0.32 -1.28	47.03 0.01 -1.71	49.68 -0.08 -2.01	90.28 -0.15 -4.34	84.13 -1.79 -3.41	59.00 -1.21 -3.16	55.85 -1.28 -2.86	49.71 -1.64 -2.25	47.34 -1.38 -2.11	38.64 -0.62 -1.27
BARON_WINDS___WT_PWR 323822	29.79 0.41 -1.17	20.15 0.12 -0.06	24.76 0.31 -0.72	21.70 0.09 -0.16	25.13 0.40 -0.77	23.70 0.20 -0.40	27.55 0.18 -1.22	30.48 -0.06 -1.24	23.96 -0.50 -0.26	22.29 -0.43 -0.08	24.73 -0.40 -0.21	24.45 -0.48 -0.16	29.72 -0.44 -0.44	38.42 -0.49 -1.32	39.54 -0.66 -1.51	46.79 -0.55 -2.02	49.28 -0.85 -2.38	90.31 -0.92 -5.14	85.31 -1.23 -4.03	60.08 -0.71 -3.74	56.89 -0.76 -3.38	50.98 -0.78 -2.66	48.25 -0.87 -2.50	38.85 -0.65 -1.51
BARRETT_IC_1 23704	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_10 23701	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_11 23702	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_12 23703	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_2 23705	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_3 23706	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_4 23707	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_5 23708	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00

BARRETT_IC_6 23709	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_7 23710	29.65 0.93 -0.51	20.71 0.74 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.96 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.83 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.08 0.00	50.37 1.27 -0.01	47.69 1.06 -0.01	38.99 1.00 0.00
BARRETT_IC_8 23711	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT_IC_9 23700	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT___1 23545	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BARRETT___2 23546	29.65 0.93 -0.51	20.71 0.75 0.00	24.36 0.64 0.00	22.00 0.55 0.00	24.55 0.59 0.00	23.87 0.69 -0.07	26.97 0.82 0.00	30.14 0.83 0.00	25.26 1.06 0.00	23.80 1.16 0.00	26.49 1.57 0.00	26.56 1.80 0.00	31.84 2.11 0.00	40.21 2.62 0.00	41.47 2.78 0.00	48.04 2.72 0.00	50.41 2.65 0.00	90.29 4.20 0.00	84.69 2.18 0.00	58.34 1.29 0.00	55.36 1.09 0.00	50.38 1.27 -0.01	47.68 1.05 -0.01	38.99 1.00 0.00
BATAVIA__115KV_TB1 55881	30.28 1.12 -0.95	20.63 0.61 -0.05	25.18 0.86 -0.59	22.23 0.64 -0.13	25.55 0.96 -0.63	24.24 0.80 -0.33	27.83 0.68 -1.00	30.67 0.35 -1.01	24.23 -0.19 -0.21	22.73 0.03 -0.06	25.16 0.07 -0.18	24.87 -0.03 -0.13	30.29 0.21 -0.35	39.38 0.72 -1.07	40.27 0.35 -1.23	47.81 0.84 -1.65	50.50 0.80 -1.94	92.19 1.91 -4.18	86.82 1.03 -3.28	61.02 0.92 -3.04	57.85 0.82 -2.75	51.42 0.15 -2.17	48.93 0.28 -2.04	40.07 0.85 -1.23
BAYONEEC___CTG1 323682	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG10 323750	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG2 323683	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG3 323684	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG4 323685	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG5 323686	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG6 323687	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG7 323688	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00

BAYONEEC___CTG8 323689	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BAYONEEC___CTG9 323749	29.79 1.07 -0.51	20.77 0.81 0.00	24.51 0.79 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.16 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.18 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.04 2.31 0.00	40.48 2.89 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.38 0.00	91.93 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.24 1.98 0.00	51.15 2.05 0.00	48.28 1.66 0.00	39.28 1.29 0.00
BEACON___LESR 323632	28.24 0.37 0.34	20.28 0.31 0.00	24.06 0.33 0.00	21.85 0.39 0.00	24.33 0.37 0.00	23.45 0.39 0.05	26.63 0.48 0.00	29.92 0.61 0.00	24.75 0.55 0.00	23.09 0.44 0.00	25.31 0.39 0.00	25.13 0.37 0.00	30.00 0.28 0.00	37.86 0.27 0.00	39.10 0.41 0.00	45.76 0.44 0.00	48.10 0.34 0.00	86.87 0.78 0.00	82.84 0.33 0.00	57.09 0.04 0.00	54.26 -0.01 0.00	49.08 -0.03 0.00	46.43 -0.18 0.00	37.86 -0.14 0.00
BEAVER RIVER___HYD 24048	30.29 1.09 -1.00	20.80 0.78 -0.06	25.32 0.98 -0.62	22.44 0.85 -0.13	25.61 0.99 -0.66	24.51 1.05 -0.34	28.42 1.22 -1.05	31.56 1.19 -1.06	24.93 0.51 -0.22	22.85 0.14 -0.06	25.10 -0.01 -0.18	24.86 -0.05 -0.14	30.04 -0.06 -0.37	38.91 0.18 -1.13	40.02 0.03 -1.30	46.69 -0.36 -1.73	49.72 -0.08 -2.04	91.93 1.43 -4.41	88.51 2.54 -3.46	61.84 1.58 -3.21	58.58 1.41 -2.90	53.05 1.66 -2.28	50.96 2.20 -2.14	40.77 1.48 -1.29
BEEBEE_GT_13 23619	29.52 0.39 -0.92	20.17 0.16 -0.05	24.55 0.26 -0.57	21.73 0.15 -0.12	24.88 0.32 -0.60	23.69 0.26 -0.31	27.32 0.21 -0.96	30.30 0.02 -0.97	24.15 -0.26 -0.20	22.64 -0.06 -0.06	25.11 0.03 -0.17	24.90 0.00 -0.13	30.23 0.16 -0.34	38.92 0.30 -1.04	40.20 0.32 -1.19	47.60 0.70 -1.59	50.42 0.80 -1.87	91.73 1.61 -4.03	86.46 0.78 -3.17	60.47 0.48 -2.93	57.32 0.39 -2.66	51.16 -0.03 -2.09	48.57 -0.01 -1.97	39.31 0.13 -1.18
BENSHRST_27_KV_BENSHRST_1 355998	30.19 1.47 -0.51	21.05 1.09 0.00	24.74 1.01 0.00	22.41 0.96 0.00	24.98 1.02 0.00	24.33 1.15 -0.07	27.59 1.44 0.00	31.09 1.78 0.00	25.97 1.77 0.00	24.42 1.78 0.00	27.01 2.09 0.00	27.06 2.29 0.00	32.36 2.63 0.00	40.93 3.34 0.00	42.23 3.54 0.00	49.11 3.79 0.00	51.72 3.97 0.00	93.04 6.95 0.00	87.54 5.03 0.00	60.14 3.09 0.00	56.88 2.61 0.00	51.75 2.65 0.00	48.85 2.24 0.00	39.75 1.76 0.00
BETHLEHEM___GRP 23843	27.82 -0.08 0.32	20.00 0.03 0.00	23.74 0.02 0.00	21.58 0.13 0.00	23.97 0.01 0.00	23.10 0.04 0.05	26.15 0.00 0.00	29.42 0.12 0.00	24.37 0.17 0.00	22.75 0.11 0.00	24.97 0.05 0.00	24.83 0.06 0.00	29.59 -0.14 0.00	37.39 -0.19 0.00	38.56 -0.13 0.00	45.08 -0.24 0.00	47.43 -0.32 0.00	85.33 -0.77 0.00	81.29 -1.22 0.00	56.18 -0.87 0.00	53.35 -0.92 0.00	48.37 -0.73 0.00	45.81 -0.80 0.00	37.35 -0.64 0.00
BETHLEHEM___GS1 323560	27.82 -0.08 0.32	20.00 0.03 0.00	23.74 0.02 0.00	21.58 0.13 0.00	23.97 0.01 0.00	23.10 0.04 0.05	26.15 0.00 0.00	29.43 0.12 0.00	24.37 0.17 0.00	22.75 0.11 0.00	24.97 0.05 0.00	24.83 0.06 0.00	29.59 -0.13 0.00	37.40 -0.19 0.00	38.56 -0.13 0.00	45.08 -0.24 0.00	47.44 -0.31 0.00	85.33 -0.77 0.00	81.29 -1.22 0.00	56.18 -0.87 0.00	53.35 -0.92 0.00	48.38 -0.72 0.00	45.81 -0.81 0.00	37.36 -0.63 0.00
BETHLEHEM___GS2 323561	27.82 -0.08 0.32	20.00 0.03 0.00	23.74 0.02 0.00	21.58 0.13 0.00	23.97 0.01 0.00	23.10 0.04 0.05	26.15 0.00 0.00	29.43 0.12 0.00	24.37 0.17 0.00	22.75 0.11 0.00	24.97 0.05 0.00	24.83 0.06 0.00	29.59 -0.13 0.00	37.40 -0.19 0.00	38.56 -0.13 0.00	45.08 -0.24 0.00	47.44 -0.31 0.00	85.33 -0.77 0.00	81.29 -1.22 0.00	56.18 -0.87 0.00	53.35 -0.92 0.00	48.38 -0.72 0.00	45.81 -0.81 0.00	37.36 -0.63 0.00
BETHLEHEM___GS3 323562	27.82 -0.08 0.32	20.00 0.03 0.00	23.74 0.02 0.00	21.58 0.13 0.00	23.97 0.01 0.00	23.10 0.04 0.05	26.15 0.00 0.00	29.43 0.12 0.00	24.37 0.17 0.00	22.75 0.11 0.00	24.97 0.05 0.00	24.83 0.06 0.00	29.59 -0.13 0.00	37.40 -0.19 0.00	38.56 -0.13 0.00	45.08 -0.24 0.00	47.44 -0.31 0.00	85.33 -0.77 0.00	81.29 -1.22 0.00	56.18 -0.87 0.00	53.35 -0.92 0.00	48.38 -0.72 0.00	45.81 -0.81 0.00	37.36 -0.63 0.00
BETHLEHEM___STEEL 23779	29.69 0.49 -0.98	20.19 0.17 -0.05	24.71 0.38 -0.61	21.75 0.16 -0.13	25.09 0.48 -0.65	23.74 0.29 -0.33	27.20 0.03 -1.03	29.91 -0.44 -1.04	23.64 -0.78 -0.22	22.40 -0.31 -0.06	24.93 -0.17 -0.18	24.61 -0.29 -0.14	29.95 -0.14 -0.37	38.58 -0.12 -1.11	39.60 -0.36 -1.27	47.03 0.00 -1.70	49.68 -0.08 -2.00	90.17 -0.24 -4.32	84.13 -1.77 -3.39	58.94 -1.26 -3.14	55.94 -1.17 -2.84	49.74 -1.60 -2.24	47.49 -1.23 -2.10	38.82 -0.44 -1.27
BETHLHEM_115KV_TB1 79974	27.93 0.01 0.30	20.06 0.09 0.00	23.81 0.09 0.00	21.63 0.18 0.00	24.04 0.08 0.00	23.17 0.10 0.04	26.23 0.08 0.00	29.51 0.20 0.00	24.44 0.23 0.00	22.81 0.17 0.00	25.04 0.12 0.00	24.91 0.14 0.00	29.69 -0.03 0.00	37.54 -0.06 0.00	38.70 0.01 0.00	45.23 -0.09 0.00	47.59 -0.16 0.00	85.60 -0.50 0.00	81.54 -0.97 0.00	56.36 -0.69 0.00	53.52 -0.75 0.00	48.53 -0.57 0.00	45.97 -0.64 0.00	37.49 -0.51 0.00
BETHPAGE_CC_5 323564	29.73 1.01 -0.51	20.77 0.80 0.00	24.45 0.73 0.00	22.05 0.60 0.00	24.59 0.63 0.00	23.89 0.72 -0.07	27.04 0.89 0.00	30.19 0.88 0.00	25.33 1.13 0.00	23.85 1.21 0.00	26.50 1.58 0.00	26.52 1.75 0.00	31.80 2.08 0.00	40.26 2.67 0.00	41.60 2.91 0.00	48.15 2.83 0.00	50.52 2.77 0.00	90.31 4.22 0.00	84.82 2.30 0.00	58.38 1.33 0.00	55.35 1.08 0.00	50.22 1.12 0.00	47.45 0.83 0.00	38.93 0.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.72 0.53 -0.98	20.21 0.19 -0.06	24.74 0.40 -0.61	21.77 0.19 -0.13	25.11 0.50 -0.65	23.76 0.31 -0.33	27.25 0.07 -1.03	29.98 -0.38 -1.04	23.70 -0.73 -0.22	22.46 -0.25 -0.06	24.98 -0.11 -0.18	24.69 -0.22 -0.14	30.04 -0.05 -0.37	38.70 0.00 -1.11	39.72 -0.24 -1.28	47.16 0.14 -1.71	49.82 0.06 -2.01	90.46 0.04 -4.33	84.38 -1.52 -3.40	59.11 -1.10 -3.15	56.10 -1.02 -2.85	49.88 -1.46 -2.24	47.59 -1.13 -2.11	38.88 -0.38 -1.27
BINGHAMTON___COGEN 23790	29.69 0.29 -1.20	20.15 0.11 -0.07	24.69 0.22 -0.74	21.71 0.09 -0.16	25.01 0.26 -0.79	23.68 0.16 -0.41	27.62 0.21 -1.25	30.78 0.21 -1.27	24.49 0.02 -0.27	22.76 0.03 -0.08	25.22 0.08 -0.22	25.02 0.09 -0.17	30.34 0.17 -0.45	39.21 0.27 -1.35	40.44 0.20 -1.55	47.65 0.25 -2.08	50.42 0.22 -2.44	91.98 0.62 -5.27	86.57 -0.07 -4.14	60.91 0.02 -3.84	57.69 -0.05 -3.47	51.87 0.04 -2.73	49.10 -0.08 -2.57	39.44 -0.10 -1.55

BIXINCNT_115KV_LOAD 355685	29.93 0.72 -0.99	20.33 0.31 -0.06	24.89 0.55 -0.62	21.89 0.30 -0.13	25.29 0.67 -0.66	23.86 0.42 -0.34	27.48 0.28 -1.04	30.39 0.03 -1.06	24.08 -0.34 -0.22	22.79 0.08 -0.06	25.32 0.22 -0.18	25.09 0.18 -0.14	30.48 0.38 -0.37	39.18 0.47 -1.13	40.00 0.02 -1.29	47.25 0.20 -1.73	50.01 0.22 -2.03	90.87 0.40 -4.39	84.68 -1.27 -3.44	59.32 -0.93 -3.19	56.20 -0.95 -2.89	50.17 -1.20 -2.27	47.64 -1.11 -2.13	38.80 -0.48 -1.29
BLACK RIVER___HYD 24047	31.22 1.40 -1.61	21.06 1.00 -0.09	25.96 1.24 -1.00	22.76 1.09 -0.22	26.30 1.28 -1.06	24.99 1.33 -0.55	29.46 1.62 -1.69	32.63 1.61 -1.71	25.27 0.70 -0.36	22.96 0.21 -0.11	25.19 -0.03 -0.30	24.84 -0.15 -0.22	30.16 -0.16 -0.60	39.70 0.29 -1.83	40.80 0.02 -2.09	47.70 -0.43 -2.80	51.28 0.23 -3.29	95.21 2.01 -7.11	91.69 3.61 -5.57	64.55 2.33 -5.17	60.97 2.03 -4.68	55.06 2.28 -3.68	52.77 2.70 -3.46	41.84 1.76 -2.08
BLACKRVR_115KV_TB2 79977	31.22 1.40 -1.61	21.06 1.01 -0.09	25.96 1.24 -1.00	22.76 1.09 -0.22	26.30 1.28 -1.06	24.99 1.33 -0.55	29.46 1.62 -1.69	32.63 1.61 -1.71	25.26 0.70 -0.36	22.96 0.22 -0.11	25.19 -0.03 -0.30	24.84 -0.15 -0.22	30.16 -0.16 -0.60	39.70 0.29 -1.83	40.80 0.02 -2.09	47.70 -0.42 -2.80	51.28 0.23 -3.29	95.22 2.02 -7.11	91.69 3.61 -5.57	64.55 2.33 -5.17	60.97 2.03 -4.68	55.06 2.28 -3.68	52.78 2.70 -3.46	41.84 1.76 -2.08
BLDWN_LI_69_KV_BK4 356085	29.86 1.14 -0.51	20.84 0.87 0.00	24.53 0.81 0.00	22.13 0.68 0.00	24.70 0.74 0.00	24.03 0.85 -0.07	27.18 1.03 0.00	30.39 1.08 0.00	25.47 1.27 0.00	23.98 1.34 0.00	26.65 1.73 0.00	26.70 1.93 0.00	32.01 2.29 0.00	40.49 2.90 0.00	41.83 3.14 0.00	48.50 3.18 0.00	50.96 3.20 0.00	91.05 4.96 0.00	85.53 3.02 0.00	58.87 1.82 0.00	55.92 1.66 0.00	50.83 1.73 0.00	48.04 1.43 0.00	39.29 1.30 0.00
BLISS_WT_PWR 323608	29.94 0.73 -0.99	20.33 0.30 -0.06	24.90 0.56 -0.62	21.90 0.31 -0.13	25.30 0.68 -0.66	23.86 0.41 -0.34	27.47 0.28 -1.04	30.39 0.02 -1.06	24.10 -0.32 -0.22	22.81 0.10 -0.06	25.34 0.23 -0.18	25.11 0.20 -0.14	30.48 0.39 -0.37	39.19 0.47 -1.13	39.98 0.00 -1.29	47.22 0.17 -1.73	49.99 0.21 -2.03	90.87 0.39 -4.39	84.67 -1.28 -3.44	59.30 -0.94 -3.19	56.15 -1.01 -2.89	50.11 -1.26 -2.27	47.54 -1.21 -2.13	38.73 -0.56 -1.29
BLUESTONE___WT_PWR 323821	30.41 1.17 -1.03	20.83 0.81 -0.06	25.38 1.02 -0.64	22.46 0.87 -0.14	25.80 1.15 -0.68	24.56 1.10 -0.35	28.61 1.37 -1.08	31.83 1.43 -1.10	25.23 0.80 -0.23	23.43 0.72 -0.07	25.90 0.79 -0.19	25.66 0.75 -0.14	31.01 0.90 -0.39	39.94 1.19 -1.17	40.95 0.91 -1.34	48.07 0.95 -1.80	51.11 1.25 -2.11	93.69 3.04 -4.56	89.09 3.01 -3.57	62.32 1.95 -3.31	59.49 2.22 -3.00	53.71 2.25 -2.36	50.77 1.94 -2.22	40.72 1.39 -1.34
BLUE_CIRC_CHEM_DRP 24182	28.44 0.42 0.20	20.33 0.37 0.00	24.15 0.43 0.00	21.92 0.47 0.00	24.40 0.44 0.00	23.51 0.42 0.03	26.60 0.45 0.00	29.83 0.52 0.00	24.60 0.39 0.00	22.89 0.25 0.00	25.09 0.17 0.00	24.92 0.16 0.00	29.77 0.05 0.00	37.64 0.05 0.00	38.70 0.01 0.00	44.67 -0.65 0.00	23.69 -0.81 23.25	81.47 -1.58 3.04	80.74 -1.77 0.00	55.86 -1.19 0.00	53.05 -1.22 0.00	48.13 -0.97 0.00	45.63 -0.99 0.00	37.21 -0.78 0.00
BOC_GAS_DRP 24189	28.27 0.24 0.19	20.20 0.23 0.00	23.98 0.26 0.00	21.75 0.30 0.00	24.21 0.25 0.00	23.34 0.25 0.03	26.42 0.27 0.00	29.69 0.38 0.00	24.59 0.39 0.00	22.98 0.34 0.00	25.24 0.32 0.00	25.11 0.35 0.00	30.00 0.28 0.00	37.93 0.33 0.00	39.08 0.39 0.00	45.63 0.31 0.00	49.45 0.23 -1.46	86.44 0.16 -0.19	82.10 -0.41 0.00	56.74 -0.31 0.00	53.88 -0.39 0.00	48.90 -0.20 0.00	46.35 -0.26 0.00	37.80 -0.20 0.00
BOONVILLE_115KV_TB1 79983	29.69 0.92 -0.57	20.64 0.65 -0.03	24.87 0.79 -0.35	22.23 0.70 -0.08	25.15 0.82 -0.37	24.15 0.85 -0.19	27.77 1.03 -0.60	30.96 1.05 -0.60	24.95 0.62 -0.13	23.04 0.36 -0.04	25.32 0.30 -0.11	25.13 0.28 -0.08	30.25 0.31 -0.21	38.75 0.51 -0.64	39.92 0.49 -0.74	46.74 0.43 -0.99	49.55 0.64 -1.16	90.88 2.28 -2.51	86.99 2.52 -1.96	60.51 1.63 -1.82	57.37 1.45 -1.65	51.86 1.46 -1.30	49.47 1.63 -1.22	39.85 1.12 -0.73
BORALEX_4TH_BRANCH 23824	27.97 0.76 1.01	20.65 0.68 0.00	24.43 0.71 0.00	22.22 0.77 0.00	24.64 0.68 0.00	23.62 0.66 0.15	27.13 0.98 0.00	30.59 1.28 0.00	25.28 1.07 0.00	23.55 0.91 0.00	25.70 0.78 0.00	25.54 0.77 0.00	30.50 0.78 0.00	38.52 0.93 0.00	39.68 0.99 0.00	46.58 1.26 0.00	49.11 1.36 0.00	88.25 2.16 0.00	84.07 1.56 0.00	58.25 1.20 0.00	55.41 1.14 0.00	50.22 1.12 0.00	47.36 0.75 0.00	38.60 0.61 0.00
BOWLINE___1 23526	29.50 0.87 -0.42	20.58 0.62 0.00	24.34 0.62 0.00	21.99 0.53 0.00	24.58 0.62 0.00	23.87 0.70 -0.06	27.03 0.88 0.00	30.43 1.12 0.00	25.31 1.10 0.00	23.78 1.14 0.00	26.29 1.38 0.00	26.31 1.55 0.00	31.50 1.78 0.00	39.87 2.28 0.00	41.12 2.43 0.00	47.90 2.58 0.00	50.38 2.62 0.00	90.62 4.53 0.00	85.48 2.97 0.00	58.79 1.74 0.00	55.58 1.31 0.00	50.64 1.54 0.00	47.83 1.21 0.00	38.88 0.89 0.00
BOWLINE___2 23595	29.50 0.86 -0.42	20.58 0.61 0.00	24.33 0.61 0.00	21.99 0.53 0.00	24.57 0.61 0.00	23.86 0.68 -0.06	27.01 0.86 0.00	30.42 1.11 0.00	25.30 1.10 0.00	23.77 1.12 0.00	26.28 1.37 0.00	26.30 1.54 0.00	31.49 1.76 0.00	39.85 2.26 0.00	41.10 2.41 0.00	47.88 2.56 0.00	50.35 2.59 0.00	90.58 4.49 0.00	85.42 2.92 0.00	58.76 1.71 0.00	55.57 1.30 0.00	50.62 1.52 0.00	47.82 1.20 0.00	38.87 0.87 0.00
BRADY___115KV_TB2 356060	28.82 0.60 0.00	20.37 0.40 0.00	24.24 0.52 0.00	21.89 0.44 0.00	24.44 0.48 0.00	23.63 0.52 0.00	26.66 0.51 0.00	29.80 0.50 0.00	24.32 0.12 0.00	22.66 0.01 0.00	25.00 0.08 0.00	24.77 0.01 0.00	29.83 0.10 0.00	37.78 0.19 0.00	38.80 0.11 0.00	45.09 -0.23 0.00	47.86 0.11 0.00	87.48 1.39 0.00	85.12 2.61 0.00	59.16 2.10 0.00	56.58 2.31 0.00	50.88 1.77 0.00	48.49 1.88 0.00	39.53 1.54 0.00
BRANSCOMB___SOLAR 323811	28.79 1.09 0.51	20.81 0.85 0.00	24.66 0.94 0.00	22.38 0.93 0.00	24.91 0.95 0.00	23.93 0.89 0.07	27.35 1.20 0.00	30.70 1.39 0.00	25.22 1.02 0.00	23.42 0.78 0.00	25.57 0.64 0.00	25.35 0.59 0.00	30.36 0.64 0.00	38.39 0.80 0.00	39.60 0.91 0.00	46.53 1.21 0.00	49.26 1.50 0.00	89.32 3.23 0.00	85.59 3.08 0.00	59.28 2.23 0.00	56.31 2.04 0.00	50.96 1.86 0.00	48.06 1.44 0.00	39.09 1.10 0.00
BRDGHMPT_69_KV_BK1 55812	30.08 1.35 -0.51	21.17 1.21 0.00	24.92 1.19 0.00	22.34 0.88 0.00	24.92 0.96 0.00	24.17 0.99 -0.07	27.41 1.26 0.00	30.72 1.41 0.00	25.83 1.63 0.00	24.32 1.68 0.00	27.03 2.12 0.00	26.98 2.22 0.00	32.30 2.58 0.00	40.90 3.31 0.00	42.45 3.75 0.00	49.24 3.92 0.00	51.70 3.95 0.00	92.35 6.26 0.00	86.57 4.06 0.00	59.43 2.38 0.00	56.22 1.95 0.00	50.59 1.49 0.00	47.18 0.57 0.00	38.51 0.51 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	29.99 1.27 -0.51	20.97 1.00 0.00	24.66 0.94 0.00	22.20 0.74 0.00	24.76 0.80 0.00	24.10 0.92 -0.07	27.30 1.15 0.00	30.49 1.19 0.00	25.60 1.40 0.00	24.12 1.47 0.00	26.82 1.90 0.00	26.80 2.03 0.00	32.14 2.42 0.00	40.69 3.10 0.00	42.10 3.41 0.00	48.57 3.25 0.00	50.86 3.10 0.00	90.31 4.22 0.00	84.81 2.30 0.00	58.54 1.49 0.00	55.81 1.54 0.00	50.56 1.46 0.00	47.70 1.09 0.00	39.17 1.18 0.00
BRISTLHL_115KV_TB1 79998	31.28 -0.32 -3.39	19.88 -0.27 -0.19	25.52 -0.30 -2.10	21.61 -0.30 -0.46	25.92 -0.28 -2.24	23.99 -0.28 -1.16	29.42 -0.28 -3.55	32.57 -0.34 -3.60	24.55 -0.41 -0.75	22.44 -0.42 -0.22	25.05 -0.49 -0.62	24.73 -0.52 -0.48	30.38 -0.61 -1.27	40.71 -0.71 -3.84	42.39 -0.70 -4.40	50.47 -0.74 -5.89	54.05 -0.63 -6.92	100.06 -0.98 -14.94	93.03 -1.20 -11.72	67.14 -0.78 -10.87	63.26 -0.84 -9.83	56.02 -0.81 -7.73	53.05 -0.84 -7.27	41.66 -0.72 -4.38
BROOKHAVEN___DRP 24191	29.59 0.87 -0.51	20.79 0.82 0.00	24.43 0.71 0.00	21.91 0.46 0.00	24.45 0.49 0.00	23.78 0.60 -0.07	26.93 0.78 0.00	30.10 0.80 0.00	25.29 1.09 0.00	23.83 1.18 0.00	26.51 1.59 0.00	26.43 1.66 0.00	31.66 1.93 0.00	40.10 2.51 0.00	41.55 2.86 0.00	48.07 2.76 0.00	50.39 2.63 0.00	89.85 3.76 0.00	84.42 1.91 0.00	58.07 1.01 0.00	55.14 0.87 0.00	49.90 0.79 0.00	47.01 0.40 0.00	38.58 0.58 0.00
BROOKLYN_NAVY_YARD 23515	29.71 0.99 -0.51	20.73 0.77 0.00	24.47 0.74 0.00	22.18 0.73 0.00	24.72 0.76 0.00	24.05 0.87 -0.07	27.26 1.11 0.00	30.69 1.38 0.00	25.64 1.43 0.00	24.14 1.50 0.00	26.70 1.79 0.00	26.75 1.98 0.00	31.97 2.25 0.00	40.41 2.82 0.00	41.70 3.00 0.00	48.54 3.22 0.00	51.05 3.30 0.00	91.82 5.73 0.00	86.41 3.90 0.00	59.38 2.33 0.00	56.16 1.89 0.00	51.06 1.96 0.00	48.18 1.56 0.00	39.17 1.18 0.00
BROOKLYN___ARMY_DRP 323595	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
BROOME_2_LFGE 323671	29.69 0.29 -1.20	20.14 0.11 -0.07	24.69 0.22 -0.74	21.71 0.09 -0.16	25.01 0.26 -0.79	23.68 0.16 -0.41	27.62 0.21 -1.25	30.78 0.20 -1.27	24.49 0.02 -0.27	22.76 0.03 -0.08	25.21 0.07 -0.22	25.02 0.09 -0.17	30.34 0.16 -0.45	39.21 0.27 -1.35	40.44 0.20 -1.55	47.66 0.26 -2.08	50.42 0.22 -2.44	91.99 0.63 -5.27	86.58 -0.06 -4.14	60.91 0.02 -3.84	57.70 -0.04 -3.47	51.88 0.04 -2.73	49.10 -0.08 -2.57	39.44 -0.10 -1.55
BROOME___LFGE 323600	29.69 0.29 -1.20	20.14 0.11 -0.07	24.69 0.22 -0.74	21.71 0.09 -0.16	25.01 0.26 -0.79	23.68 0.16 -0.41	27.62 0.21 -1.25	30.78 0.20 -1.27	24.49 0.02 -0.27	22.76 0.03 -0.08	25.21 0.07 -0.22	25.02 0.09 -0.17	30.34 0.16 -0.45	39.21 0.27 -1.35	40.44 0.20 -1.55	47.66 0.26 -2.08	50.42 0.22 -2.44	91.99 0.63 -5.27	86.58 -0.06 -4.14	60.91 0.02 -3.84	57.70 -0.04 -3.47	51.88 0.04 -2.73	49.10 -0.08 -2.57	39.44 -0.10 -1.55
BROWNFLS_115KV_TB 3_5 80003	29.71 0.80 -0.70	20.57 0.57 -0.04	24.89 0.73 -0.43	22.16 0.61 -0.09	25.13 0.71 -0.46	24.12 0.77 -0.24	27.72 0.84 -0.73	30.87 0.82 -0.74	24.67 0.31 -0.16	22.75 0.06 -0.05	25.05 0.01 -0.13	24.82 -0.04 -0.10	29.97 -0.01 -0.26	38.53 0.15 -0.79	39.61 0.01 -0.90	46.21 -0.32 -1.21	49.09 -0.09 -1.42	90.25 1.09 -3.07	87.12 2.20 -2.41	60.84 1.55 -2.24	57.88 1.58 -2.02	52.27 1.58 -1.59	50.08 1.97 -1.50	40.33 1.43 -0.90
BROWNSV1_27_KV_LOAD 356125	30.06 1.33 -0.51	20.95 0.99 0.00	24.71 0.99 0.00	22.39 0.94 0.00	24.96 1.00 0.00	24.28 1.10 -0.07	27.54 1.39 0.00	31.04 1.73 0.00	25.92 1.72 0.00	24.41 1.77 0.00	27.00 2.09 0.00	27.05 2.28 0.00	32.36 2.63 0.00	40.90 3.31 0.00	42.21 3.52 0.00	49.16 3.84 0.00	51.72 3.96 0.00	93.00 6.91 0.00	87.51 5.00 0.00	60.16 3.11 0.00	56.90 2.63 0.00	51.70 2.60 0.00	48.79 2.17 0.00	39.67 1.67 0.00
BURROWS___LYONSDAL 23803	29.83 0.96 -0.65	20.68 0.68 -0.04	24.97 0.84 -0.41	22.28 0.74 -0.09	25.26 0.87 -0.43	24.24 0.90 -0.22	27.92 1.08 -0.68	31.09 1.09 -0.69	24.95 0.60 -0.14	23.00 0.31 -0.04	25.26 0.22 -0.12	25.06 0.20 -0.09	30.19 0.22 -0.24	38.74 0.41 -0.74	39.90 0.36 -0.85	46.66 0.21 -1.13	49.48 0.38 -1.33	90.98 2.01 -2.88	87.20 2.43 -2.26	60.68 1.53 -2.10	57.51 1.35 -1.90	52.03 1.45 -1.49	49.77 1.75 -1.40	40.03 1.19 -0.84
CAITHNESS_CC_1 323624	29.58 0.86 -0.51	20.78 0.81 0.00	24.41 0.69 0.00	21.91 0.46 0.00	24.44 0.48 0.00	23.77 0.60 -0.07	26.92 0.77 0.00	30.10 0.79 0.00	25.28 1.07 0.00	23.81 1.17 0.00	26.50 1.59 0.00	26.43 1.66 0.00	31.66 1.93 0.00	40.09 2.51 0.00	41.55 2.86 0.00	48.04 2.72 0.00	50.33 2.58 0.00	89.73 3.64 0.00	84.29 1.78 0.00	57.99 0.94 0.00	55.08 0.81 0.00	49.87 0.77 0.00	46.98 0.37 0.00	38.59 0.59 0.00
CALPINE BETH_PAGE_GT4 24209	29.75 1.03 -0.51	20.78 0.82 0.00	24.45 0.73 0.00	22.06 0.61 0.00	24.61 0.65 0.00	23.93 0.75 -0.07	27.08 0.92 0.00	30.18 0.87 0.00	25.31 1.11 0.00	23.83 1.19 0.00	26.47 1.55 0.00	26.50 1.74 0.00	31.78 2.06 0.00	40.23 2.64 0.00	41.56 2.87 0.00	48.13 2.81 0.00	50.51 2.75 0.00	90.32 4.23 0.00	84.83 2.32 0.00	58.38 1.33 0.00	55.34 1.07 0.00	50.22 1.12 0.00	47.47 0.85 0.00	39.00 1.01 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.75 1.03 -0.51	20.79 0.82 0.00	24.45 0.73 0.00	22.06 0.61 0.00	24.61 0.65 0.00	23.93 0.75 -0.07	27.08 0.92 0.00	30.18 0.87 0.00	25.31 1.11 0.00	23.83 1.19 0.00	26.47 1.56 0.00	26.50 1.74 0.00	31.78 2.06 0.00	40.23 2.64 0.00	41.56 2.87 0.00	48.13 2.81 0.00	50.50 2.75 0.00	90.32 4.22 0.00	84.84 2.33 0.00	58.38 1.33 0.00	55.35 1.08 0.00	50.22 1.12 0.00	47.46 0.84 0.00	39.00 1.01 0.00
CALPINE_BP_GT1 23823	29.75 1.03 -0.51	20.79 0.82 0.00	24.45 0.73 0.00	22.06 0.61 0.00	24.61 0.65 0.00	23.93 0.75 -0.07	27.08 0.92 0.00	30.18 0.87 0.00	25.31 1.11 0.00	23.83 1.19 0.00	26.47 1.56 0.00	26.50 1.74 0.00	31.78 2.06 0.00	40.23 2.64 0.00	41.56 2.87 0.00	48.13 2.81 0.00	50.50 2.75 0.00	90.32 4.22 0.00	84.84 2.33 0.00	58.38 1.33 0.00	55.35 1.08 0.00	50.22 1.12 0.00	47.46 0.84 0.00	39.00 1.01 0.00
CALSPAN___DRP 24200	29.69 0.49 -0.98	20.19 0.17 -0.05	24.71 0.38 -0.61	21.75 0.16 -0.13	25.09 0.48 -0.65	23.74 0.29 -0.33	27.20 0.03 -1.03	29.91 -0.44 -1.04	23.64 -0.78 -0.22	22.40 -0.31 -0.06	24.93 -0.17 -0.18	24.61 -0.29 -0.14	29.95 -0.14 -0.37	38.58 -0.12 -1.11	39.60 -0.36 -1.27	47.03 0.00 -1.70	49.68 -0.08 -2.00	90.17 -0.24 -4.32	84.13 -1.77 -3.39	58.94 -1.26 -3.14	55.94 -1.17 -2.84	49.74 -1.60 -2.24	47.49 -1.23 -2.10	38.82 -0.44 -1.27

CALVERTON___SOLAR 323806	29.63 0.91 -0.51	20.83 0.87 0.00	24.48 0.76 0.00	21.95 0.50 0.00	24.49 0.53 0.00	23.82 0.64 -0.07	26.97 0.82 0.00	30.17 0.85 0.00	25.34 1.14 0.00	23.87 1.23 0.00	26.56 1.64 0.00	26.46 1.69 0.00	31.69 1.97 0.00	40.15 2.56 0.00	41.61 2.92 0.00	48.17 2.85 0.00	50.51 2.75 0.00	90.13 4.03 0.00	84.66 2.15 0.00	58.23 1.18 0.00	55.27 1.01 0.00	49.98 0.88 0.00	47.03 0.41 0.00	38.59 0.59 0.00
CANDIGU_WT_PWR 323617	29.79 0.41 -1.17	20.15 0.12 -0.06	24.76 0.31 -0.72	21.70 0.09 -0.16	25.13 0.40 -0.77	23.70 0.20 -0.40	27.55 0.18 -1.22	30.48 -0.06 -1.24	23.96 -0.50 -0.26	22.29 -0.43 -0.08	24.73 -0.40 -0.21	24.45 -0.48 -0.16	29.72 -0.44 -0.44	38.42 -0.49 -1.32	39.54 -0.66 -1.51	46.79 -0.55 -2.02	49.28 -0.85 -2.38	90.31 -0.92 -5.14	85.31 -1.23 -4.03	60.08 -0.71 -3.74	56.89 -0.76 -3.38	50.98 -0.78 -2.66	48.25 -0.87 -2.50	38.85 -0.65 -1.51
CARR STREET_E_SYR 24060	29.75 -0.14 -1.69	19.91 -0.15 -0.09	24.61 -0.15 -1.05	21.51 -0.17 -0.23	24.94 -0.13 -1.11	23.54 -0.14 -0.58	27.73 -0.19 -1.77	30.85 -0.25 -1.79	24.25 -0.33 -0.38	22.42 -0.33 -0.11	24.87 -0.35 -0.31	24.66 -0.34 -0.24	29.98 -0.37 -0.63	39.09 -0.41 -1.91	40.49 -0.39 -2.19	47.89 -0.36 -2.93	50.89 -0.31 -3.44	93.24 -0.28 -7.43	87.76 -0.58 -5.83	62.00 -0.45 -5.40	58.61 -0.55 -4.89	52.38 -0.56 -3.85	49.60 -0.63 -3.62	39.64 -0.53 -2.18
CARTHAGE___PAPER 23857	30.91 1.33 -1.37	21.03 0.98 -0.08	25.78 1.21 -0.85	22.70 1.07 -0.19	26.10 1.23 -0.91	24.88 1.30 -0.47	29.13 1.54 -1.44	32.31 1.54 -1.46	25.21 0.70 -0.30	22.97 0.23 -0.09	25.21 0.04 -0.25	24.91 -0.05 -0.19	30.22 -0.02 -0.51	39.52 0.37 -1.56	40.64 0.16 -1.78	47.45 -0.26 -2.39	50.85 0.29 -2.81	94.24 2.09 -6.06	90.79 3.52 -4.75	63.76 2.29 -4.41	60.29 2.04 -3.99	54.49 2.25 -3.14	52.28 2.72 -2.95	41.61 1.84 -1.78
CASSADAGA_WT_PWR 323784	30.21 1.01 -0.99	20.49 0.47 -0.06	25.12 0.78 -0.62	22.03 0.44 -0.13	25.53 0.91 -0.66	24.11 0.66 -0.34	27.81 0.62 -1.04	30.79 0.43 -1.06	24.30 -0.12 -0.22	22.91 0.20 -0.06	25.50 0.40 -0.18	25.27 0.37 -0.14	30.73 0.63 -0.37	39.58 0.86 -1.12	40.45 0.48 -1.29	47.93 0.88 -1.73	50.74 0.95 -2.03	92.25 1.78 -4.38	85.96 0.02 -3.43	60.14 -0.10 -3.19	56.54 -0.61 -2.88	49.99 -1.38 -2.27	47.43 -1.32 -2.13	38.80 -0.48 -1.28
CE_DUNWOOD___DRP 24194	29.76 1.04 -0.51	20.74 0.78 0.00	24.48 0.76 0.00	22.16 0.71 0.00	24.70 0.75 0.00	24.00 0.82 -0.07	27.20 1.05 0.00	30.61 1.30 0.00	25.54 1.34 0.00	24.01 1.37 0.00	26.55 1.63 0.00	26.56 1.80 0.00	31.77 2.05 0.00	40.18 2.59 0.00	41.46 2.77 0.00	48.28 2.96 0.00	50.78 3.02 0.00	91.32 5.23 0.00	86.07 3.56 0.00	59.21 2.15 0.00	56.02 1.75 0.00	50.92 1.82 0.00	48.07 1.46 0.00	39.11 1.12 0.00
CE_MILLWOOD___DRP 24193	29.70 0.98 -0.50	20.70 0.73 0.00	24.44 0.72 0.00	22.12 0.66 0.00	24.66 0.71 0.00	23.95 0.77 -0.07	27.15 0.99 0.00	30.55 1.24 0.00	25.47 1.27 0.00	23.94 1.30 0.00	26.46 1.54 0.00	26.47 1.71 0.00	31.66 1.94 0.00	40.05 2.46 0.00	41.32 2.63 0.00	48.13 2.81 0.00	50.62 2.86 0.00	91.05 4.96 0.00	85.84 3.33 0.00	59.08 2.03 0.00	55.89 1.63 0.00	50.81 1.72 0.00	47.98 1.36 0.00	39.04 1.04 0.00
CE_NYC2_DRP 24202	29.86 1.14 -0.51	20.85 0.88 0.00	24.56 0.84 0.00	22.28 0.83 0.00	24.81 0.85 0.00	24.15 0.97 -0.07	27.36 1.21 0.00	30.82 1.51 0.00	25.77 1.57 0.00	24.24 1.60 0.00	26.81 1.89 0.00	26.85 2.09 0.00	32.08 2.36 0.00	40.56 2.98 0.00	41.85 3.15 0.00	48.65 3.33 0.00	51.19 3.44 0.00	92.03 5.94 0.00	86.63 4.12 0.00	59.54 2.49 0.00	56.28 2.01 0.00	51.17 2.06 0.00	48.30 1.68 0.00	39.33 1.34 0.00
CE_NYC_DRP 24195	29.84 1.12 -0.51	20.81 0.84 0.00	24.55 0.82 0.00	22.24 0.79 0.00	24.79 0.83 0.00	24.11 0.93 -0.07	27.33 1.18 0.00	30.78 1.47 0.00	25.72 1.51 0.00	24.21 1.57 0.00	26.78 1.87 0.00	26.82 2.06 0.00	32.07 2.35 0.00	40.55 2.96 0.00	41.85 3.16 0.00	48.71 3.39 0.00	51.24 3.48 0.00	92.10 6.01 0.00	86.72 4.21 0.00	59.60 2.55 0.00	56.37 2.10 0.00	51.23 2.13 0.00	48.35 1.73 0.00	39.33 1.33 0.00
CHAFFEE___LFGE 323603	29.74 0.54 -0.99	20.21 0.19 -0.06	24.74 0.41 -0.61	21.77 0.19 -0.13	25.12 0.51 -0.65	23.77 0.32 -0.34	27.29 0.10 -1.04	30.02 -0.34 -1.05	23.74 -0.68 -0.22	22.49 -0.21 -0.06	25.04 -0.06 -0.18	24.72 -0.19 -0.14	30.05 -0.04 -0.37	38.71 0.00 -1.12	39.75 -0.22 -1.28	47.22 0.19 -1.72	49.89 0.12 -2.02	90.60 0.15 -4.35	84.55 -1.38 -3.42	59.26 -0.96 -3.17	56.24 -0.90 -2.87	50.01 -1.34 -2.25	47.72 -1.01 -2.12	38.95 -0.32 -1.28
CHATEAUG_35_KV_LOAD 355732	28.91 0.70 0.00	20.48 0.51 0.00	24.22 0.50 0.00	21.81 0.35 0.00	24.16 0.20 0.00	23.38 0.27 0.00	26.45 0.30 0.00	29.50 0.19 0.00	24.27 0.07 0.00	22.65 0.01 0.00	24.84 -0.07 0.00	24.95 0.18 0.00	29.90 0.17 0.00	37.37 -0.21 0.00	38.07 -0.62 0.00	44.95 -0.37 0.00	47.08 -0.68 0.00	84.87 -1.22 0.00	83.01 0.50 0.00	57.56 0.51 0.00	55.24 0.97 0.00	49.91 0.81 0.00	47.76 1.14 0.00	39.19 1.20 0.00
CHATEAUG_WT_PWR 323614	28.89 0.67 0.00	20.46 0.49 0.00	24.18 0.46 0.00	21.80 0.35 0.00	24.15 0.19 0.00	23.37 0.25 0.00	26.41 0.26 0.00	29.46 0.15 0.00	24.27 0.07 0.00	22.67 0.03 0.00	24.86 -0.05 0.00	24.99 0.23 0.00	29.94 0.22 0.00	37.41 -0.18 0.00	38.07 -0.62 0.00	44.92 -0.40 0.00	47.01 -0.75 0.00	84.78 -1.32 0.00	82.74 0.23 0.00	57.31 0.26 0.00	54.93 0.66 0.00	49.69 0.58 0.00	47.59 0.97 0.00	39.07 1.08 0.00
CHAT_HIGH_FALL_HYD 323578	28.91 0.70 0.00	20.48 0.51 0.00	24.22 0.50 0.00	21.81 0.35 0.00	24.16 0.20 0.00	23.38 0.27 0.00	26.45 0.30 0.00	29.50 0.19 0.00	24.27 0.07 0.00	22.65 0.01 0.00	24.84 -0.07 0.00	24.95 0.18 0.00	29.90 0.17 0.00	37.37 -0.21 0.00	38.07 -0.62 0.00	44.95 -0.37 0.00	47.08 -0.68 0.00	84.87 -1.22 0.00	83.01 0.50 0.00	57.56 0.51 0.00	55.24 0.97 0.00	49.91 0.81 0.00	47.76 1.14 0.00	39.19 1.20 0.00
CHAUTAUQUA___LFGE 323629	29.93 0.73 -0.99	20.29 0.27 -0.06	24.89 0.55 -0.61	21.82 0.23 -0.13	25.28 0.67 -0.65	23.86 0.41 -0.34	27.48 0.30 -1.04	30.34 -0.01 -1.05	23.92 -0.50 -0.22	22.55 -0.16 -0.06	25.10 0.00 -0.18	24.84 -0.07 -0.14	30.23 0.14 -0.37	38.98 0.27 -1.12	39.95 -0.02 -1.28	47.38 0.34 -1.72	50.07 0.29 -2.02	91.11 0.66 -4.35	84.93 -1.00 -3.42	59.56 -0.66 -3.17	56.27 -0.87 -2.87	50.06 -1.30 -2.25	47.55 -1.19 -2.12	38.77 -0.50 -1.28
CHERRYST_13_KV_LD 356241	29.91 1.19 -0.51	20.86 0.90 0.00	24.61 0.89 0.00	22.30 0.85 0.00	24.86 0.90 0.00	24.18 1.00 -0.07	27.42 1.27 0.00	30.89 1.58 0.00	25.81 1.61 0.00	24.31 1.66 0.00	26.89 1.97 0.00	26.94 2.17 0.00	32.21 2.49 0.00	40.72 3.13 0.00	42.03 3.34 0.00	48.93 3.62 0.00	51.47 3.71 0.00	92.52 6.43 0.00	87.07 4.56 0.00	59.82 2.76 0.00	56.57 2.30 0.00	51.40 2.30 0.00	48.50 1.88 0.00	39.44 1.45 0.00

CHESTROR_138KV_BK263 355645	29.29 0.72 -0.36	20.47 0.51 0.00	24.24 0.51 0.00	21.90 0.44 0.00	24.49 0.53 0.00	23.77 0.60 -0.06	26.91 0.76 0.00	30.26 0.95 0.00	25.12 0.92 0.00	23.58 0.94 0.00	26.04 1.13 0.00	26.03 1.26 0.00	31.16 1.43 0.00	39.43 1.84 0.00	40.66 1.96 0.00	47.42 2.10 0.00	49.91 2.16 0.00	89.88 3.78 0.00	84.97 2.46 0.00	58.51 1.46 0.00	55.37 1.10 0.00	50.38 1.28 0.00	47.62 1.00 0.00	38.72 0.73 0.00
CH_MIDHUDSON___DRP 24192	29.66 0.98 -0.47	20.70 0.74 0.00	24.45 0.73 0.00	22.15 0.70 0.00	24.69 0.73 0.00	23.95 0.78 -0.06	27.14 0.99 0.00	30.54 1.23 0.00	25.44 1.24 0.00	23.87 1.23 0.00	26.33 1.41 0.00	26.31 1.54 0.00	31.47 1.74 0.00	39.78 2.20 0.00	41.06 2.37 0.00	47.91 2.59 0.00	50.45 2.70 0.00	90.86 4.77 0.00	85.85 3.34 0.00	59.13 2.08 0.00	55.98 1.71 0.00	50.82 1.72 0.00	47.97 1.35 0.00	39.02 1.03 0.00
CH_MISC_IPPS 23765	29.78 1.12 -0.45	20.77 0.81 0.00	24.55 0.83 0.00	22.22 0.77 0.00	24.80 0.84 0.00	24.07 0.90 -0.06	27.27 1.12 0.00	30.68 1.37 0.00	25.54 1.34 0.00	23.97 1.33 0.00	26.44 1.52 0.00	26.42 1.65 0.00	31.61 1.89 0.00	40.00 2.42 0.00	41.30 2.60 0.00	48.21 2.89 0.00	50.80 3.04 0.00	91.52 5.43 0.00	86.45 3.94 0.00	59.53 2.48 0.00	56.34 2.07 0.00	51.12 2.03 0.00	48.26 1.64 0.00	39.23 1.23 0.00
CH_RES_BVR_FALLS 23983	28.16 -0.06 0.00	19.93 -0.04 0.00	23.70 -0.02 0.00	21.44 -0.01 0.00	23.92 -0.03 0.00	23.04 -0.07 0.00	26.01 -0.14 0.00	29.23 -0.08 0.00	24.12 -0.08 0.00	22.58 -0.06 0.00	24.86 -0.06 0.00	24.70 -0.07 0.00	29.62 -0.11 0.00	37.34 -0.25 0.00	38.39 -0.31 0.00	44.88 -0.44 0.00	47.28 -0.47 0.00	85.35 -0.75 0.00	82.15 -0.36 0.00	56.65 -0.40 0.00	53.95 -0.32 0.00	48.74 -0.36 0.00	46.66 0.04 0.00	38.03 0.04 0.00
CH_RES_NIAGARA 23895	28.95 -0.21 -0.95	19.77 -0.25 -0.05	24.18 -0.13 -0.59	21.33 -0.25 -0.13	24.56 -0.02 -0.63	23.25 -0.19 -0.33	26.48 -0.67 -1.00	29.00 -1.32 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.27 -0.83 -0.18	23.93 -0.97 -0.13	29.10 -0.98 -0.35	37.52 -1.15 -1.08	38.51 -1.41 -1.23	45.80 -1.17 -1.65	48.38 -1.31 -1.94	86.94 -3.34 -4.19	80.92 -4.87 -3.29	56.67 -3.42 -3.05	53.90 -3.12 -2.76	48.06 -3.21 -2.17	46.27 -2.39 -2.04	37.92 -1.30 -1.23
CH_RES_SYRACUSE 23985	30.60 0.05 -2.34	20.08 -0.02 -0.13	25.18 0.01 -1.45	21.74 -0.03 -0.31	25.54 0.03 -1.55	23.93 0.02 -0.80	28.66 0.06 -2.45	31.81 0.02 -2.48	24.58 -0.14 -0.52	22.62 -0.17 -0.15	25.15 -0.19 -0.43	24.90 -0.19 -0.33	30.41 -0.19 -0.87	40.07 -0.17 -2.65	41.58 -0.14 -3.03	49.33 -0.06 -4.06	52.53 -0.01 -4.78	96.77 0.37 -10.31	90.71 0.11 -8.09	64.61 0.05 -7.50	60.99 -0.07 -6.79	54.29 -0.15 -5.34	51.40 -0.24 -5.02	40.80 -0.22 -3.02
CLINTON_WT_PWR 323605	28.89 0.67 0.00	20.46 0.49 0.00	24.18 0.46 0.00	21.80 0.35 0.00	24.15 0.19 0.00	23.37 0.25 0.00	26.41 0.26 0.00	29.46 0.15 0.00	24.27 0.07 0.00	22.67 0.03 0.00	24.86 -0.05 0.00	24.99 0.23 0.00	29.94 0.22 0.00	37.41 -0.18 0.00	38.07 -0.62 0.00	44.92 -0.40 0.00	47.01 -0.75 0.00	84.78 -1.32 0.00	82.74 0.23 0.00	57.31 0.26 0.00	54.93 0.66 0.00	49.69 0.58 0.00	47.59 0.97 0.00	39.07 1.08 0.00
CLINTON___LFGE 323618	29.43 1.21 0.00	20.85 0.88 0.00	24.60 0.88 0.00	22.18 0.73 0.00	24.50 0.54 0.00	23.73 0.61 0.00	26.87 0.72 0.00	29.96 0.65 0.00	24.60 0.40 0.00	22.92 0.28 0.00	25.09 0.16 0.00	25.34 0.57 0.00	30.34 0.61 0.00	37.74 0.15 0.00	38.28 -0.42 0.00	45.36 0.04 0.00	47.11 -0.65 0.00	84.89 -1.21 0.00	83.39 0.88 0.00	57.81 0.75 0.00	55.37 1.10 0.00	50.10 1.00 0.00	48.12 1.51 0.00	39.65 1.66 0.00
COBBLENY_34_KV_TB1 80064	29.74 0.54 -0.99	20.22 0.20 -0.06	24.74 0.41 -0.61	21.77 0.19 -0.13	25.12 0.51 -0.65	23.77 0.32 -0.34	27.29 0.10 -1.04	30.04 -0.32 -1.05	23.74 -0.68 -0.22	22.50 -0.21 -0.06	25.04 -0.06 -0.18	24.72 -0.19 -0.14	30.06 -0.03 -0.37	38.72 0.01 -1.12	39.75 -0.22 -1.28	47.22 0.19 -1.72	49.89 0.11 -2.02	90.60 0.16 -4.35	84.59 -1.34 -3.42	59.28 -0.94 -3.17	56.27 -0.86 -2.87	50.04 -1.32 -2.25	47.74 -1.00 -2.12	38.96 -0.31 -1.28
COFFEEN___115KV_TB3 355620	31.44 1.57 -1.65	21.18 1.12 -0.09	26.13 1.38 -1.03	22.89 1.22 -0.22	26.46 1.41 -1.09	25.15 1.47 -0.56	29.67 1.79 -1.73	32.88 1.82 -1.75	25.38 0.81 -0.37	23.01 0.26 -0.11	25.21 -0.01 -0.31	24.84 -0.16 -0.23	30.17 -0.17 -0.62	39.86 0.40 -1.87	40.90 0.06 -2.15	47.86 -0.33 -2.87	51.50 0.37 -3.38	95.80 2.42 -7.29	92.49 4.26 -5.72	65.24 2.88 -5.30	61.59 2.53 -4.80	55.58 2.70 -3.77	53.20 3.04 -3.55	42.15 2.02 -2.14
COLDSPRG_115KV_BK1 355956	30.30 1.08 -1.00	20.55 0.53 -0.06	25.18 0.84 -0.62	22.09 0.50 -0.14	25.59 0.97 -0.66	24.20 0.75 -0.34	27.96 0.75 -1.05	31.03 0.66 -1.06	24.53 0.10 -0.22	23.16 0.45 -0.06	25.78 0.67 -0.18	25.60 0.69 -0.14	31.11 1.01 -0.37	40.07 1.35 -1.13	40.87 0.89 -1.30	48.24 1.19 -1.74	51.00 1.20 -2.04	92.51 2.01 -4.41	86.04 0.07 -3.46	60.26 0.00 -3.21	56.94 -0.23 -2.90	50.72 -0.66 -2.28	48.32 -0.44 -2.15	39.33 0.05 -1.29
COLONIE_LFGE___ 323577	28.24 0.60 0.57	20.48 0.51 0.00	24.25 0.53 0.00	22.03 0.58 0.00	24.49 0.53 0.00	23.54 0.51 0.08	26.85 0.70 0.00	30.19 0.88 0.00	24.94 0.74 0.00	23.27 0.62 0.00	25.48 0.56 0.00	25.33 0.57 0.00	30.28 0.55 0.00	38.28 0.69 0.00	39.47 0.78 0.00	46.25 0.93 0.00	48.74 0.98 0.00	87.81 1.71 0.00	83.77 1.26 0.00	57.97 0.92 0.00	55.08 0.81 0.00	49.91 0.81 0.00	47.19 0.58 0.00	38.44 0.45 0.00
COOPERNY_115KV_TB1 80082	28.95 0.50 -0.24	20.32 0.36 0.00	24.10 0.38 0.00	21.77 0.31 0.00	24.35 0.39 0.00	23.57 0.42 -0.04	26.67 0.53 0.00	29.97 0.66 0.00	24.84 0.63 0.00	23.29 0.65 0.00	25.71 0.78 0.00	25.66 0.90 0.00	30.73 1.01 0.00	38.88 1.30 0.00	40.08 1.38 0.00	46.77 1.45 0.00	49.23 1.47 0.00	88.66 2.57 0.00	84.04 1.53 0.00	57.94 0.89 0.00	54.90 0.63 0.00	49.91 0.81 0.00	47.25 0.64 0.00	38.44 0.45 0.00
COPENHAGEN_WT_PWR 323753	31.14 1.20 -1.73	20.94 0.88 -0.10	25.89 1.09 -1.07	22.64 0.96 -0.23	26.23 1.13 -1.14	24.88 1.19 -0.59	29.40 1.43 -1.81	32.54 1.39 -1.83	25.15 0.56 -0.38	22.90 0.14 -0.11	25.13 -0.10 -0.32	24.78 -0.23 -0.24	30.09 -0.27 -0.65	39.62 0.07 -1.96	40.72 -0.22 -2.24	47.61 -0.72 -3.00	51.15 -0.14 -3.53	95.03 1.32 -7.62	91.17 2.68 -5.98	64.12 1.52 -5.54	60.53 1.25 -5.01	54.76 1.72 -3.94	52.59 2.27 -3.71	41.61 1.38 -2.24
CORNELL_____ 23752	30.37 0.60 -1.56	20.39 0.34 -0.09	25.15 0.46 -0.97	22.00 0.33 -0.21	25.50 0.51 -1.03	24.09 0.44 -0.53	28.37 0.58 -1.63	31.58 0.62 -1.66	24.79 0.24 -0.35	22.83 0.09 -0.10	25.25 0.04 -0.29	24.98 -0.01 -0.22	30.35 0.04 -0.58	39.49 0.13 -1.77	40.82 0.11 -2.02	48.24 0.21 -2.71	51.27 0.33 -3.18	94.30 1.33 -6.87	89.22 1.32 -5.39	63.16 1.11 -5.00	59.74 0.95 -4.52	53.44 0.78 -3.56	50.53 0.57 -3.34	40.40 0.39 -2.02

CORONA__69_KV_TB1 355595	29.92 1.20 -0.51	20.89 0.92 0.00	24.58 0.86 0.00	22.21 0.75 0.00	24.78 0.82 0.00	24.09 0.92 -0.07	27.26 1.11 0.00	30.53 1.22 0.00	25.57 1.36 0.00	24.08 1.44 0.00	26.74 1.82 0.00	26.79 2.02 0.00	32.11 2.39 0.00	40.61 3.02 0.00	41.94 3.24 0.00	48.66 3.34 0.00	51.12 3.37 0.00	91.69 5.59 0.00	86.06 3.55 0.00	59.23 2.18 0.00	56.17 1.89 0.00	51.02 1.92 0.00	48.23 1.61 0.00	39.38 1.39 0.00
CORTLAND__115KV_TB3 80093	30.05 0.25 -1.58	20.16 0.11 -0.09	24.88 0.18 -0.98	21.75 0.08 -0.21	25.21 0.21 -1.04	23.79 0.15 -0.54	28.02 0.21 -1.65	31.20 0.22 -1.67	24.55 0.00 -0.35	22.69 -0.06 -0.10	25.14 -0.06 -0.29	24.91 -0.08 -0.22	30.26 -0.06 -0.59	39.37 -0.01 -1.79	40.71 -0.03 -2.05	48.09 0.03 -2.74	51.06 0.09 -3.22	93.62 0.57 -6.95	88.22 0.26 -5.46	62.41 0.30 -5.06	59.06 0.21 -4.58	52.87 0.17 -3.60	50.04 0.04 -3.38	40.03 -0.01 -2.04
COXSACKIE__GT 23611	29.21 1.12 0.13	20.80 0.83 0.00	24.68 0.95 0.00	22.42 0.96 0.00	24.93 0.97 0.00	24.08 0.99 0.02	27.31 1.16 0.00	30.74 1.44 0.00	25.16 0.96 0.00	23.16 0.52 0.00	25.25 0.33 0.00	25.02 0.25 0.00	29.86 0.14 0.00	37.80 0.21 0.00	39.00 0.31 0.00	45.67 0.35 0.00	18.67 0.56 29.65	83.80 1.58 3.87	84.68 2.17 0.00	58.79 1.74 0.00	55.83 1.56 0.00	50.47 1.37 0.00	47.64 1.03 0.00	38.79 0.79 0.00
CPV_VALLEY__CC1 323721	29.03 0.52 -0.30	20.34 0.37 0.00	24.09 0.37 0.00	21.77 0.31 0.00	24.35 0.39 0.00	23.61 0.45 -0.05	26.73 0.58 0.00	30.05 0.74 0.00	24.95 0.74 0.00	23.42 0.78 0.00	25.87 0.95 0.00	25.85 1.08 0.00	30.93 1.21 0.00	39.13 1.54 0.00	40.35 1.65 0.00	47.05 1.73 0.00	49.50 1.75 0.00	89.11 3.01 0.00	84.27 1.76 0.00	58.05 0.99 0.00	54.95 0.68 0.00	49.99 0.89 0.00	47.28 0.67 0.00	38.45 0.46 0.00
CPV_VALLEY__CC2 323722	29.03 0.52 -0.30	20.34 0.37 0.00	24.09 0.37 0.00	21.77 0.31 0.00	24.35 0.39 0.00	23.61 0.45 -0.05	26.73 0.58 0.00	30.05 0.74 0.00	24.95 0.74 0.00	23.42 0.78 0.00	25.87 0.95 0.00	25.85 1.08 0.00	30.93 1.21 0.00	39.13 1.54 0.00	40.35 1.65 0.00	47.05 1.73 0.00	49.50 1.75 0.00	89.11 3.01 0.00	84.27 1.76 0.00	58.05 0.99 0.00	54.95 0.68 0.00	49.99 0.89 0.00	47.28 0.67 0.00	38.45 0.46 0.00
CRESCENT__HYD 24018	28.24 0.60 0.57	20.48 0.51 0.00	24.25 0.53 0.00	22.03 0.58 0.00	24.49 0.53 0.00	23.54 0.51 0.08	26.85 0.70 0.00	30.19 0.88 0.00	24.94 0.74 0.00	23.27 0.62 0.00	25.48 0.56 0.00	25.33 0.57 0.00	30.28 0.55 0.00	38.28 0.69 0.00	39.47 0.78 0.00	46.25 0.93 0.00	48.74 0.98 0.00	87.81 1.71 0.00	83.77 1.26 0.00	57.97 0.92 0.00	55.08 0.81 0.00	49.91 0.81 0.00	47.19 0.58 0.00	38.44 0.45 0.00
CRICKET__VALLEY_CC1 323756	21.50 0.43 7.15	20.35 0.39 0.00	24.03 0.31 0.00	21.83 0.37 0.00	24.26 0.30 0.00	22.42 0.35 1.04	26.68 0.53 0.00	30.02 0.71 0.00	25.05 0.84 0.00	23.50 0.85 0.00	25.93 1.01 0.00	25.88 1.12 0.00	30.91 1.19 0.00	39.01 1.42 0.00	40.21 1.52 0.00	46.91 1.59 0.00	49.35 1.60 0.00	88.82 2.73 0.00	83.96 1.45 0.00	57.98 0.93 0.00	55.03 0.76 0.00	49.89 0.79 0.00	47.02 0.40 0.00	38.30 0.31 0.00
CRICKET__VALLEY_CC2 323757	21.50 0.43 7.15	20.35 0.39 0.00	24.03 0.31 0.00	21.83 0.37 0.00	24.26 0.30 0.00	22.42 0.35 1.04	26.68 0.53 0.00	30.02 0.71 0.00	25.05 0.84 0.00	23.50 0.85 0.00	25.93 1.01 0.00	25.88 1.12 0.00	30.91 1.19 0.00	39.01 1.42 0.00	40.21 1.52 0.00	46.91 1.59 0.00	49.35 1.60 0.00	88.82 2.73 0.00	83.96 1.45 0.00	57.98 0.93 0.00	55.03 0.76 0.00	49.89 0.79 0.00	47.02 0.40 0.00	38.30 0.31 0.00
CRICKET__VALLEY_CC3 323758	21.50 0.43 7.15	20.35 0.39 0.00	24.03 0.31 0.00	21.83 0.37 0.00	24.26 0.30 0.00	22.42 0.35 1.04	26.68 0.53 0.00	30.02 0.71 0.00	25.05 0.84 0.00	23.50 0.85 0.00	25.93 1.01 0.00	25.88 1.12 0.00	30.91 1.19 0.00	39.01 1.42 0.00	40.21 1.52 0.00	46.91 1.59 0.00	49.35 1.60 0.00	88.82 2.73 0.00	83.96 1.45 0.00	57.98 0.93 0.00	55.03 0.76 0.00	49.89 0.79 0.00	47.02 0.40 0.00	38.30 0.31 0.00
CRUCIBLE__METL_DRP 24180	30.60 0.05 -2.34	20.08 -0.01 -0.13	25.18 0.01 -1.45	21.74 -0.03 -0.31	25.54 0.03 -1.55	23.93 0.02 -0.80	28.66 0.06 -2.45	31.81 0.02 -2.48	24.58 -0.14 -0.52	22.62 -0.17 -0.15	25.16 -0.19 -0.43	24.90 -0.20 -0.33	30.41 -0.19 -0.87	40.07 -0.17 -2.65	41.58 -0.14 -3.03	49.33 -0.06 -4.06	52.53 -0.01 -4.78	96.77 0.36 -10.31	90.71 0.11 -8.09	64.61 0.05 -7.50	60.99 -0.07 -6.79	54.29 -0.15 -5.34	51.40 -0.24 -5.02	40.80 -0.22 -3.02
DAHOWA__HYDRO 323763	28.95 1.24 0.50	20.92 0.95 0.00	24.78 1.06 0.00	22.50 1.04 0.00	25.04 1.08 0.00	24.04 1.00 0.07	27.52 1.37 0.00	30.87 1.56 0.00	25.34 1.13 0.00	23.52 0.88 0.00	25.65 0.73 0.00	25.42 0.65 0.00	30.45 0.72 0.00	38.50 0.91 0.00	39.72 1.03 0.00	46.72 1.40 0.00	49.50 1.75 0.00	89.85 3.76 0.00	86.16 3.65 0.00	59.68 2.63 0.00	56.69 2.42 0.00	51.28 2.18 0.00	48.32 1.70 0.00	39.27 1.28 0.00
DANC__LFGE 323619	30.99 0.64 -2.14	20.54 0.45 -0.12	25.62 0.58 -1.33	22.23 0.49 -0.29	25.97 0.60 -1.41	24.48 0.64 -0.73	29.18 0.79 -2.24	32.33 0.75 -2.27	24.87 0.19 -0.47	22.70 -0.09 -0.14	25.04 -0.27 -0.39	24.70 -0.37 -0.30	30.09 -0.44 -0.80	39.76 -0.25 -2.42	41.05 -0.41 -2.77	48.28 -0.75 -3.71	51.76 -0.36 -4.36	95.83 0.32 -9.42	91.03 1.13 -7.39	64.53 0.62 -6.85	60.90 0.44 -6.20	54.76 0.78 -4.87	52.31 1.11 -4.58	41.35 0.60 -2.76
DANSKAMMER__1 23586	29.78 1.12 -0.45	20.77 0.81 0.00	24.55 0.83 0.00	22.22 0.77 0.00	24.80 0.84 0.00	24.07 0.90 -0.06	27.27 1.12 0.00	30.68 1.37 0.00	25.54 1.34 0.00	23.97 1.33 0.00	26.44 1.52 0.00	26.42 1.65 0.00	31.61 1.89 0.00	40.00 2.42 0.00	41.30 2.60 0.00	48.21 2.89 0.00	50.80 3.04 0.00	91.52 5.43 0.00	86.45 3.94 0.00	59.53 2.48 0.00	56.34 2.07 0.00	51.12 2.03 0.00	48.26 1.64 0.00	39.23 1.23 0.00
DANSKAMMER__2 23589	29.78 1.12 -0.45	20.77 0.81 0.00	24.55 0.83 0.00	22.22 0.77 0.00	24.80 0.84 0.00	24.07 0.90 -0.06	27.27 1.12 0.00	30.68 1.37 0.00	25.54 1.34 0.00	23.97 1.33 0.00	26.44 1.52 0.00	26.42 1.65 0.00	31.61 1.89 0.00	40.00 2.42 0.00	41.30 2.60 0.00	48.21 2.89 0.00	50.80 3.04 0.00	91.52 5.43 0.00	86.45 3.94 0.00	59.53 2.48 0.00	56.34 2.07 0.00	51.12 2.03 0.00	48.26 1.64 0.00	39.23 1.23 0.00
DANSKAMMER__3 23590	29.78 1.12 -0.45	20.77 0.81 0.00	24.55 0.83 0.00	22.22 0.77 0.00	24.80 0.84 0.00	24.07 0.90 -0.06	27.27 1.12 0.00	30.68 1.37 0.00	25.54 1.34 0.00	23.97 1.33 0.00	26.44 1.52 0.00	26.42 1.65 0.00	31.61 1.89 0.00	40.00 2.42 0.00	41.30 2.60 0.00	48.21 2.89 0.00	50.80 3.04 0.00	91.52 5.43 0.00	86.45 3.94 0.00	59.53 2.48 0.00	56.34 2.07 0.00	51.12 2.03 0.00	48.26 1.64 0.00	39.23 1.23 0.00

DANSKAMMER___4 23591	29.78 1.12 -0.45	20.77 0.81 0.00	24.55 0.83 0.00	22.22 0.77 0.00	24.80 0.84 0.00	24.07 0.90 -0.06	27.27 1.12 0.00	30.68 1.37 0.00	25.54 1.34 0.00	23.97 1.33 0.00	26.44 1.52 0.00	26.42 1.65 0.00	31.61 1.89 0.00	40.00 2.42 0.00	41.30 2.60 0.00	48.21 2.89 0.00	50.80 3.04 0.00	91.52 5.43 0.00	86.45 3.94 0.00	59.53 2.48 0.00	56.34 2.07 0.00	51.12 2.03 0.00	48.26 1.64 0.00	39.23 1.23 0.00
DANSKAMMER___DIESEL 23592	29.78 1.12 -0.45	20.77 0.81 0.00	24.55 0.83 0.00	22.23 0.77 0.00	24.80 0.84 0.00	24.07 0.90 -0.06	27.27 1.12 0.00	30.68 1.37 0.00	25.54 1.34 0.00	23.97 1.33 0.00	26.44 1.52 0.00	26.42 1.65 0.00	31.61 1.89 0.00	40.01 2.42 0.00	41.30 2.60 0.00	48.21 2.89 0.00	50.80 3.04 0.00	91.52 5.43 0.00	86.46 3.94 0.00	59.53 2.48 0.00	56.33 2.06 0.00	51.13 2.03 0.00	48.26 1.64 0.00	39.23 1.24 0.00
DARBY___SOLAR 323810	28.80 1.09 0.51	20.82 0.86 0.00	24.67 0.95 0.00	22.39 0.94 0.00	24.92 0.96 0.00	23.93 0.89 0.07	27.36 1.21 0.00	30.70 1.39 0.00	25.22 1.02 0.00	23.42 0.78 0.00	25.56 0.64 0.00	25.34 0.57 0.00	30.34 0.62 0.00	38.37 0.78 0.00	39.59 0.90 0.00	46.54 1.22 0.00	49.27 1.51 0.00	89.34 3.24 0.00	85.61 3.10 0.00	59.31 2.26 0.00	56.33 2.06 0.00	50.97 1.87 0.00	48.07 1.46 0.00	39.09 1.10 0.00
DASHVILLE___HYD 23610	29.29 0.83 -0.25	20.57 0.60 0.00	24.32 0.60 0.00	22.01 0.56 0.00	24.56 0.60 0.00	23.82 0.68 -0.04	27.01 0.86 0.00	30.40 1.08 0.00	25.30 1.09 0.00	23.73 1.09 0.00	26.19 1.27 0.00	26.17 1.41 0.00	31.27 1.55 0.00	39.55 1.96 0.00	40.81 2.12 0.00	47.67 2.35 0.00	42.83 2.55 7.47	89.55 4.43 0.98	85.62 3.11 0.00	58.97 1.92 0.00	55.83 1.56 0.00	50.68 1.58 0.00	47.86 1.24 0.00	38.92 0.92 0.00
DELAWARE___LFGE 323621	29.47 0.64 -0.62	20.43 0.43 -0.04	24.65 0.55 -0.38	21.97 0.44 -0.08	24.94 0.57 -0.41	23.84 0.52 -0.21	27.39 0.60 -0.64	30.63 0.67 -0.65	24.84 0.50 -0.14	23.16 0.48 -0.04	25.60 0.57 -0.11	25.46 0.61 -0.09	30.68 0.72 -0.23	39.23 0.95 -0.70	40.44 0.95 -0.80	47.38 0.99 -1.07	50.04 1.03 -1.26	90.56 1.75 -2.71	85.71 1.07 -2.13	59.75 0.73 -1.97	56.64 0.59 -1.78	51.21 0.71 -1.40	48.61 0.68 -1.32	39.32 0.53 -0.80
DERFIELD_115KV_TB7 355931	28.30 0.09 0.00	20.04 0.08 0.00	23.81 0.09 0.00	21.54 0.09 0.00	24.06 0.10 0.00	23.21 0.09 0.00	26.28 0.13 0.00	29.46 0.15 0.00	24.32 0.11 0.00	22.73 0.08 0.00	24.99 0.07 0.00	24.85 0.08 0.00	29.79 0.06 0.00	37.69 0.10 0.00	38.81 0.11 0.00	45.42 0.10 0.00	47.86 0.10 0.00	86.33 0.24 0.00	82.53 0.02 0.00	57.05 0.00 0.00	54.20 -0.07 0.00	49.09 -0.01 0.00	46.59 -0.02 0.00	37.95 -0.04 0.00
DOGLEVILLE___HYD 23807	28.68 0.47 0.00	20.34 0.38 0.00	24.17 0.45 0.00	21.94 0.48 0.00	24.45 0.49 0.00	23.64 0.53 0.00	26.88 0.73 0.00	30.14 0.83 0.00	24.45 0.25 0.00	22.67 0.03 0.00	24.60 -0.32 0.00	24.56 -0.21 0.00	29.35 -0.37 0.00	37.12 -0.47 0.00	38.24 -0.45 0.00	44.77 -0.55 0.00	47.30 -0.46 0.00	86.52 0.43 0.00	83.02 0.52 0.00	57.79 0.74 0.00	54.79 0.52 0.00	49.73 0.63 0.00	46.87 0.25 0.00	38.06 0.07 0.00
DUNKIRK___115KV_TB_200 55889	29.88 0.68 -0.99	20.27 0.24 -0.06	24.84 0.51 -0.61	21.78 0.19 -0.13	25.25 0.63 -0.65	23.81 0.37 -0.34	27.43 0.25 -1.03	30.30 -0.06 -1.05	23.87 -0.55 -0.22	22.51 -0.20 -0.06	25.06 -0.03 -0.18	24.79 -0.12 -0.14	30.19 0.09 -0.37	38.91 0.20 -1.12	39.89 -0.08 -1.28	47.32 0.28 -1.72	49.98 0.21 -2.02	90.94 0.49 -4.35	84.77 -1.16 -3.41	59.46 -0.76 -3.17	56.23 -0.91 -2.86	50.07 -1.28 -2.25	47.55 -1.18 -2.12	38.75 -0.52 -1.28
DUNKIRK___1 23563	29.88 0.68 -0.99	20.27 0.24 -0.06	24.84 0.51 -0.61	21.78 0.19 -0.13	25.25 0.63 -0.65	23.81 0.37 -0.34	27.43 0.25 -1.03	30.30 -0.06 -1.05	23.87 -0.55 -0.22	22.51 -0.20 -0.06	25.06 -0.03 -0.18	24.79 -0.12 -0.14	30.19 0.09 -0.37	38.91 0.20 -1.12	39.89 -0.08 -1.28	47.32 0.28 -1.72	49.98 0.21 -2.02	90.94 0.49 -4.35	84.77 -1.16 -3.41	59.46 -0.76 -3.17	56.23 -0.91 -2.86	50.07 -1.28 -2.25	47.55 -1.18 -2.12	38.75 -0.52 -1.28
DUNKIRK___2 23564	29.88 0.68 -0.99	20.27 0.24 -0.06	24.84 0.51 -0.61	21.78 0.19 -0.13	25.25 0.63 -0.65	23.81 0.37 -0.34	27.43 0.25 -1.03	30.30 -0.06 -1.05	23.87 -0.55 -0.22	22.51 -0.20 -0.06	25.06 -0.03 -0.18	24.79 -0.12 -0.14	30.19 0.09 -0.37	38.91 0.20 -1.12	39.89 -0.08 -1.28	47.32 0.28 -1.72	49.98 0.21 -2.02	90.94 0.49 -4.35	84.77 -1.16 -3.41	59.46 -0.76 -3.17	56.23 -0.91 -2.86	50.07 -1.28 -2.25	47.55 -1.18 -2.12	38.75 -0.52 -1.28
DUNKIRK___3 23565	29.75 0.55 -0.99	20.19 0.17 -0.06	24.74 0.40 -0.61	21.71 0.13 -0.13	25.14 0.52 -0.65	23.73 0.28 -0.34	27.31 0.12 -1.03	30.12 -0.23 -1.05	23.76 -0.67 -0.22	22.43 -0.27 -0.06	24.98 -0.12 -0.18	24.72 -0.19 -0.14	30.08 -0.01 -0.37	38.77 0.06 -1.12	39.74 -0.23 -1.28	47.11 0.08 -1.71	49.75 -0.02 -2.01	90.44 0.00 -4.35	84.29 -1.63 -3.41	59.11 -1.11 -3.17	55.95 -1.18 -2.86	49.87 -1.48 -2.25	47.45 -1.29 -2.12	38.69 -0.58 -1.28
DUNKIRK___4 23566	29.75 0.55 -0.99	20.19 0.17 -0.06	24.74 0.40 -0.61	21.71 0.13 -0.13	25.14 0.52 -0.65	23.73 0.28 -0.34	27.31 0.12 -1.03	30.12 -0.23 -1.05	23.76 -0.67 -0.22	22.43 -0.27 -0.06	24.98 -0.12 -0.18	24.72 -0.19 -0.14	30.08 -0.01 -0.37	38.77 0.06 -1.12	39.74 -0.23 -1.28	47.11 0.08 -1.71	49.75 -0.02 -2.01	90.44 0.00 -4.35	84.29 -1.63 -3.41	59.11 -1.11 -3.17	55.95 -1.18 -2.86	49.87 -1.48 -2.25	47.45 -1.29 -2.12	38.69 -0.58 -1.28
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.80 1.08 -0.51	20.78 0.81 0.00	24.51 0.78 0.00	22.18 0.72 0.00	24.72 0.76 0.00	24.02 0.84 -0.07	27.23 1.08 0.00	30.65 1.34 0.00	25.59 1.39 0.00	24.06 1.42 0.00	26.61 1.69 0.00	26.63 1.87 0.00	31.84 2.12 0.00	40.27 2.68 0.00	41.55 2.86 0.00	48.36 3.04 0.00	50.88 3.12 0.00	91.47 5.38 0.00	86.20 3.69 0.00	59.31 2.25 0.00	56.10 1.83 0.00	50.99 1.89 0.00	48.13 1.51 0.00	39.17 1.18 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.45 0.85 -0.39	20.57 0.60 0.00	24.34 0.61 0.00	22.00 0.55 0.00	24.59 0.63 0.00	23.87 0.70 -0.06	27.04 0.89 0.00	30.41 1.10 0.00	25.28 1.07 0.00	23.72 1.08 0.00	26.20 1.28 0.00	26.19 1.42 0.00	31.34 1.62 0.00	39.66 2.07 0.00	40.92 2.23 0.00	47.74 2.42 0.00	50.27 2.51 0.00	90.56 4.47 0.00	85.56 3.05 0.00	58.90 1.85 0.00	55.72 1.46 0.00	50.67 1.57 0.00	47.87 1.25 0.00	38.90 0.91 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.80 1.08 -0.51	20.79 0.82 0.00	24.55 0.83 0.00	22.30 0.85 0.00	24.84 0.88 0.00	24.14 0.96 -0.07	27.32 1.16 0.00	30.76 1.45 0.00	25.71 1.51 0.00	24.15 1.50 0.00	26.74 1.82 0.00	26.75 1.99 0.00	31.97 2.25 0.00	40.43 2.84 0.00	41.71 3.02 0.00	48.52 3.20 0.00	51.07 3.31 0.00	91.87 5.77 0.00	86.48 3.97 0.00	59.48 2.42 0.00	56.24 1.97 0.00	51.12 2.02 0.00	48.27 1.66 0.00	39.29 1.30 0.00

E179THST_13_KV_LOAD 356214	29.92 1.20 -0.51	20.87 0.91 0.00	24.66 0.94 0.00	22.39 0.94 0.00	24.94 0.98 0.00	24.25 1.07 -0.07	27.43 1.28 0.00	30.91 1.60 0.00	25.83 1.62 0.00	24.26 1.62 0.00	26.88 1.96 0.00	26.89 2.12 0.00	32.14 2.42 0.00	40.66 3.06 0.00	41.95 3.26 0.00	48.80 3.48 0.00	51.35 3.60 0.00	92.38 6.29 0.00	86.96 4.45 0.00	59.81 2.76 0.00	56.55 2.28 0.00	51.40 2.30 0.00	48.53 1.92 0.00	39.50 1.51 0.00
EAST HAMPTON___GT 23717	30.36 1.64 -0.51	21.41 1.44 0.00	25.23 1.51 0.00	22.63 1.18 0.00	25.25 1.29 0.00	24.40 1.22 -0.07	27.70 1.55 0.00	31.12 1.80 0.00	26.18 1.97 0.00	24.60 1.95 0.00	27.32 2.40 0.00	27.31 2.54 0.00	32.68 2.95 0.00	41.36 3.76 0.00	42.95 4.26 0.00	49.89 4.57 0.00	52.41 4.66 0.00	93.69 7.60 0.00	87.69 5.18 0.00	60.06 3.01 0.00	56.68 2.41 0.00	50.75 1.65 0.00	46.85 0.23 0.00	38.04 0.04 0.00
EAST RIVER___6 23660	29.80 1.08 -0.51	20.78 0.81 0.00	24.53 0.81 0.00	22.23 0.77 0.00	24.76 0.80 0.00	24.08 0.90 -0.07	27.30 1.15 0.00	30.72 1.41 0.00	25.68 1.48 0.00	24.18 1.54 0.00	26.76 1.84 0.00	26.81 2.05 0.00	32.06 2.34 0.00	40.53 2.94 0.00	41.84 3.15 0.00	48.72 3.41 0.00	51.24 3.48 0.00	92.10 6.01 0.00	86.74 4.23 0.00	59.61 2.56 0.00	56.39 2.12 0.00	51.25 2.15 0.00	48.35 1.73 0.00	39.31 1.32 0.00
EAST RIVER___7 23524	29.80 1.08 -0.51	20.78 0.81 0.00	24.53 0.81 0.00	22.23 0.77 0.00	24.76 0.80 0.00	24.08 0.90 -0.07	27.30 1.15 0.00	30.72 1.41 0.00	25.68 1.48 0.00	24.18 1.54 0.00	26.76 1.84 0.00	26.81 2.05 0.00	32.06 2.34 0.00	40.53 2.94 0.00	41.84 3.15 0.00	48.72 3.41 0.00	51.24 3.48 0.00	92.10 6.01 0.00	86.74 4.23 0.00	59.61 2.56 0.00	56.39 2.12 0.00	51.25 2.15 0.00	48.35 1.73 0.00	39.31 1.32 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.76 1.04 -0.51	20.74 0.78 0.00	24.48 0.76 0.00	22.16 0.71 0.00	24.70 0.75 0.00	24.00 0.82 -0.07	27.20 1.05 0.00	30.61 1.30 0.00	25.54 1.34 0.00	24.01 1.37 0.00	26.55 1.63 0.00	26.56 1.80 0.00	31.77 2.05 0.00	40.18 2.59 0.00	41.46 2.77 0.00	48.28 2.96 0.00	50.78 3.02 0.00	91.32 5.23 0.00	86.07 3.56 0.00	59.21 2.15 0.00	56.02 1.75 0.00	50.92 1.82 0.00	48.07 1.46 0.00	39.11 1.12 0.00
EAST_HAMPTON___DIESEL 23722	30.36 1.64 -0.51	21.41 1.44 0.00	25.24 1.52 0.00	22.63 1.18 0.00	25.26 1.30 0.00	24.39 1.21 -0.07	27.69 1.55 0.00	31.12 1.81 0.00	26.18 1.98 0.00	24.60 1.95 0.00	27.33 2.41 0.00	27.31 2.55 0.00	32.68 2.95 0.00	41.36 3.77 0.00	42.95 4.26 0.00	49.89 4.57 0.00	52.42 4.67 0.00	93.69 7.60 0.00	87.68 5.17 0.00	60.05 2.99 0.00	56.65 2.38 0.00	50.69 1.59 0.00	46.74 0.13 0.00	37.91 -0.08 0.00
EAST_POINT___SOLAR 323840	29.40 1.45 0.26	20.95 0.98 0.00	24.89 1.17 0.00	22.46 1.01 0.00	25.16 1.20 0.00	24.28 1.21 0.04	27.68 1.53 0.00	30.66 1.35 0.00	24.30 0.09 0.00	22.47 -0.17 0.00	24.50 -0.41 0.00	24.32 -0.45 0.00	29.24 -0.48 0.00	37.04 -0.55 0.00	38.14 -0.55 0.00	44.69 -0.63 0.00	47.35 -0.41 0.00	87.58 1.49 0.00	86.88 4.37 0.00	60.66 3.60 0.00	57.59 3.32 0.00	51.94 2.84 0.00	49.22 2.60 0.00	40.04 2.05 0.00
EAST_PULASKI___ESR 323781	31.23 0.10 -2.92	20.18 0.05 -0.16	25.60 0.06 -1.81	21.88 0.03 -0.40	25.98 0.10 -1.93	24.22 0.11 -1.00	29.39 0.18 -3.06	32.53 0.12 -3.10	24.70 -0.16 -0.65	22.54 -0.30 -0.19	25.04 -0.42 -0.54	24.67 -0.51 -0.41	30.20 -0.62 -1.09	40.28 -0.62 -3.31	41.83 -0.65 -3.79	49.56 -0.83 -5.07	53.09 -0.63 -5.96	98.28 -0.69 -12.87	92.15 -0.46 -10.10	66.12 -0.30 -9.37	62.35 -0.40 -8.47	55.57 -0.20 -6.66	52.77 -0.11 -6.27	41.55 -0.22 -3.78
EAST_RIVER___1 323558	29.84 1.12 -0.51	20.81 0.84 0.00	24.55 0.82 0.00	22.24 0.79 0.00	24.79 0.83 0.00	24.11 0.93 -0.07	27.34 1.19 0.00	30.78 1.47 0.00	25.72 1.52 0.00	24.21 1.57 0.00	26.78 1.86 0.00	26.82 2.05 0.00	32.08 2.35 0.00	40.55 2.96 0.00	41.85 3.16 0.00	48.71 3.39 0.00	51.24 3.48 0.00	92.10 6.01 0.00	86.72 4.21 0.00	59.60 2.55 0.00	56.37 2.10 0.00	51.24 2.14 0.00	48.35 1.74 0.00	39.33 1.33 0.00
EAST_RIVER___2 323559	29.80 1.08 -0.51	20.78 0.81 0.00	24.53 0.81 0.00	22.23 0.77 0.00	24.76 0.80 0.00	24.08 0.90 -0.07	27.30 1.15 0.00	30.72 1.41 0.00	25.68 1.48 0.00	24.18 1.54 0.00	26.76 1.84 0.00	26.81 2.05 0.00	32.06 2.34 0.00	40.53 2.94 0.00	41.84 3.15 0.00	48.72 3.41 0.00	51.24 3.48 0.00	92.10 6.01 0.00	86.74 4.23 0.00	59.61 2.56 0.00	56.39 2.12 0.00	51.25 2.15 0.00	48.35 1.73 0.00	39.31 1.32 0.00
EAST___DELAWARE_HYD 23607	28.77 0.26 -0.30	20.15 0.19 0.00	23.84 0.12 0.00	21.56 0.11 0.00	24.09 0.13 0.00	23.37 0.21 -0.05	26.52 0.37 0.00	29.84 0.53 0.00	24.77 0.57 0.00	23.14 0.50 0.00	25.53 0.61 0.00	25.48 0.71 0.00	30.47 0.75 0.00	38.56 0.97 0.00	39.82 1.12 0.00	46.52 1.20 0.00	46.33 1.36 2.78	88.35 2.62 0.36	84.12 1.62 0.00	58.01 0.96 0.00	54.91 0.64 0.00	49.81 0.71 0.00	47.01 0.39 0.00	38.18 0.19 0.00
EIGHT_POINT___WT_PWR 323820	30.21 0.76 -1.25	20.38 0.35 -0.07	25.06 0.57 -0.77	21.94 0.32 -0.17	25.46 0.68 -0.82	24.02 0.48 -0.42	27.94 0.48 -1.31	30.75 0.12 -1.32	24.04 -0.44 -0.28	22.37 -0.35 -0.08	24.81 -0.33 -0.23	24.42 -0.52 -0.17	29.73 -0.47 -0.47	38.49 -0.51 -1.41	39.55 -0.76 -1.62	46.74 -0.74 -2.16	49.26 -1.04 -2.54	90.54 -1.04 -5.49	86.00 -0.82 -4.31	60.60 -0.45 -3.99	57.28 -0.60 -3.61	51.36 -0.58 -2.84	48.45 -0.84 -2.67	38.70 -0.90 -1.61
ELBRIDGE_115KV_TB2 80188	30.58 -0.06 -2.42	20.00 -0.10 -0.13	25.15 -0.08 -1.50	21.66 -0.12 -0.33	25.51 -0.05 -1.60	23.86 -0.08 -0.83	28.63 -0.06 -2.54	31.77 -0.11 -2.57	24.50 -0.24 -0.54	22.54 -0.26 -0.16	25.07 -0.29 -0.45	24.80 -0.31 -0.34	30.31 -0.32 -0.91	40.00 -0.34 -2.75	41.51 -0.33 -3.14	49.25 -0.28 -4.21	52.43 -0.27 -4.95	96.59 -0.18 -10.69	90.50 -0.39 -8.38	64.57 -0.26 -7.78	60.94 -0.36 -7.03	54.23 -0.40 -5.53	51.33 -0.48 -5.20	40.72 -0.41 -3.14
ELEC_TRO_TEK 24086	29.76 1.04 -0.51	20.78 0.81 0.00	24.46 0.73 0.00	22.09 0.63 0.00	24.65 0.69 0.00	23.97 0.79 -0.07	27.12 0.97 0.00	30.38 1.07 0.00	25.45 1.25 0.00	23.96 1.32 0.00	26.60 1.68 0.00	26.64 1.87 0.00	31.92 2.19 0.00	40.37 2.78 0.00	41.68 2.99 0.00	48.30 2.98 0.00	50.74 2.99 0.00	90.92 4.83 0.00	85.43 2.92 0.00	58.82 1.77 0.00	55.73 1.46 0.00	50.60 1.50 0.00	47.81 1.19 0.00	39.09 1.10 0.00
ELLENBURG_WT_PWR 323604	28.89 0.67 0.00	20.46 0.49 0.00	24.18 0.46 0.00	21.80 0.35 0.00	24.15 0.19 0.00	23.37 0.25 0.00	26.41 0.26 0.00	29.46 0.15 0.00	24.27 0.07 0.00	22.67 0.03 0.00	24.86 -0.05 0.00	24.99 0.23 0.00	29.94 0.22 0.00	37.41 -0.18 0.00	38.07 -0.62 0.00	44.92 -0.40 0.00	47.01 -0.75 0.00	84.78 -1.32 0.00	82.74 0.23 0.00	57.31 0.26 0.00	54.93 0.66 0.00	49.69 0.58 0.00	47.59 0.97 0.00	39.07 1.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.57 0.39 -0.97	20.12 0.10 -0.05	24.63 0.30 -0.61	21.68 0.10 -0.13	25.01 0.41 -0.64	23.66 0.22 -0.33	27.10 -0.07 -1.02	29.77 -0.57 -1.03	23.53 -0.89 -0.22	22.32 -0.39 -0.06	24.83 -0.27 -0.18	24.53 -0.38 -0.14	29.84 -0.25 -0.36	38.44 -0.26 -1.10	39.43 -0.52 -1.26	46.84 -0.17 -1.69	49.48 -0.26 -1.98	89.71 -0.67 -4.29	83.67 -2.20 -3.36	58.59 -1.58 -3.12	55.61 -1.48 -2.82	49.47 -1.85 -2.22	47.27 -1.43 -2.09	38.67 -0.58 -1.26
EMPIRE_CC_1 323656	27.75 0.14 0.60	20.19 0.23 0.00	23.94 0.21 0.00	21.78 0.33 0.00	24.14 0.18 0.00	23.21 0.19 0.09	26.38 0.23 0.00	29.66 0.35 0.00	24.59 0.39 0.00	22.96 0.32 0.00	25.15 0.23 0.00	25.03 0.27 0.00	29.88 0.16 0.00	37.72 0.13 0.00	38.89 0.19 0.00	45.47 0.15 0.00	47.78 0.02 0.00	85.74 -0.35 0.00	81.68 -0.83 0.00	56.52 -0.53 0.00	53.72 -0.55 0.00	48.72 -0.38 0.00	46.15 -0.46 0.00	37.64 -0.35 0.00
EMPIRE_CC_2 323658	27.75 0.14 0.60	20.19 0.23 0.00	23.94 0.21 0.00	21.78 0.33 0.00	24.14 0.18 0.00	23.21 0.19 0.09	26.38 0.23 0.00	29.66 0.35 0.00	24.59 0.39 0.00	22.96 0.32 0.00	25.15 0.23 0.00	25.03 0.27 0.00	29.88 0.16 0.00	37.72 0.13 0.00	38.89 0.19 0.00	45.47 0.15 0.00	47.78 0.02 0.00	85.74 -0.35 0.00	81.68 -0.83 0.00	56.52 -0.53 0.00	53.72 -0.55 0.00	48.72 -0.38 0.00	46.15 -0.46 0.00	37.64 -0.35 0.00
ENORWICH_115KV_TB1 80156	31.00 1.59 -1.20	21.10 1.07 -0.07	25.77 1.30 -0.75	22.75 1.14 -0.16	26.22 1.47 -0.80	24.95 1.43 -0.41	29.22 1.81 -1.26	32.55 1.96 -1.27	25.62 1.16 -0.27	23.60 0.87 -0.08	26.06 0.92 -0.22	25.78 0.85 -0.17	31.28 1.10 -0.45	40.40 1.45 -1.36	41.52 1.27 -1.56	48.89 1.48 -2.09	52.08 1.87 -2.45	96.11 4.72 -5.30	91.69 5.03 -4.15	64.58 3.67 -3.85	61.20 3.45 -3.48	54.80 2.96 -2.74	51.76 2.57 -2.58	41.39 1.85 -1.55
ERIE_ST__34_KV_TB1-2 80199	29.69 0.50 -0.98	20.18 0.16 -0.06	24.69 0.35 -0.61	21.72 0.13 -0.13	25.06 0.45 -0.65	23.72 0.27 -0.33	27.23 0.05 -1.03	29.99 -0.36 -1.04	23.72 -0.70 -0.22	22.50 -0.21 -0.06	25.04 -0.06 -0.18	24.75 -0.15 -0.14	30.12 0.03 -0.37	38.82 0.12 -1.11	39.84 -0.13 -1.27	47.25 0.23 -1.70	49.93 0.17 -2.00	90.64 0.22 -4.32	84.46 -1.44 -3.40	59.13 -1.08 -3.15	56.12 -0.99 -2.85	49.95 -1.39 -2.24	47.64 -1.08 -2.11	38.88 -0.38 -1.27
ERIE_WT_PWR 323693	29.70 0.51 -0.98	20.19 0.17 -0.05	24.73 0.40 -0.61	21.76 0.17 -0.13	25.09 0.48 -0.65	23.75 0.31 -0.33	27.22 0.04 -1.03	29.91 -0.44 -1.04	23.64 -0.78 -0.22	22.41 -0.30 -0.06	24.94 -0.16 -0.18	24.62 -0.28 -0.14	29.95 -0.14 -0.37	38.58 -0.12 -1.11	39.58 -0.38 -1.27	47.02 0.00 -1.70	49.66 -0.10 -2.00	90.20 -0.21 -4.32	84.17 -1.73 -3.39	58.96 -1.24 -3.14	55.94 -1.18 -2.84	49.71 -1.62 -2.24	47.50 -1.21 -2.10	38.83 -0.43 -1.27
ESPRGFLD_115KV_TB1 80157	29.47 1.15 -0.11	20.71 0.73 -0.02	24.80 0.91 -0.17	22.20 0.71 -0.04	25.09 0.95 -0.18	24.09 0.91 -0.07	27.54 1.11 -0.28	30.74 1.15 -0.29	24.93 0.66 -0.06	23.25 0.59 -0.02	25.66 0.69 -0.05	25.51 0.71 -0.04	30.76 0.94 -0.10	39.16 1.26 -0.31	40.26 1.21 -0.35	47.14 1.35 -0.47	49.83 1.52 -0.55	90.41 3.12 -1.20	86.83 3.39 -0.94	60.44 2.52 -0.87	57.36 2.30 -0.79	51.76 2.04 -0.62	49.16 1.96 -0.58	39.92 1.58 -0.35
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.33 0.54 -1.58	20.35 0.30 -0.09	25.11 0.41 -0.98	21.96 0.29 -0.21	25.45 0.45 -1.04	24.05 0.40 -0.54	28.33 0.52 -1.65	31.53 0.55 -1.67	24.75 0.20 -0.35	22.81 0.06 -0.10	25.24 0.03 -0.29	24.97 -0.01 -0.22	30.34 0.03 -0.59	39.49 0.11 -1.79	40.82 0.09 -2.05	48.25 0.19 -2.74	51.27 0.30 -3.22	94.28 1.24 -6.96	89.10 1.14 -5.46	63.08 0.97 -5.06	59.67 0.82 -4.58	53.37 0.66 -3.60	50.48 0.48 -3.38	40.34 0.31 -2.04
ETNA____115KV_TB2 80207	30.33 0.54 -1.58	20.35 0.30 -0.09	25.11 0.41 -0.98	21.96 0.29 -0.21	25.45 0.45 -1.04	24.05 0.40 -0.54	28.33 0.52 -1.65	31.53 0.55 -1.67	24.75 0.20 -0.35	22.81 0.06 -0.10	25.24 0.03 -0.29	24.97 -0.01 -0.22	30.34 0.03 -0.59	39.49 0.11 -1.79	40.82 0.09 -2.05	48.25 0.19 -2.74	51.27 0.30 -3.22	94.28 1.24 -6.96	89.10 1.14 -5.46	63.08 0.97 -5.06	59.67 0.82 -4.58	53.37 0.66 -3.60	50.48 0.48 -3.38	40.34 0.31 -2.04
EUCLID__115KV_TB2 356179	29.43 -0.27 -1.49	19.82 -0.23 -0.08	24.40 -0.25 -0.92	21.40 -0.25 -0.20	24.71 -0.23 -0.98	23.38 -0.24 -0.51	27.45 -0.26 -1.56	30.55 -0.34 -1.58	24.15 -0.39 -0.33	22.37 -0.37 -0.10	24.78 -0.41 -0.27	24.56 -0.41 -0.21	29.82 -0.46 -0.56	38.75 -0.52 -1.69	40.10 -0.53 -1.93	47.38 -0.53 -2.59	50.30 -0.50 -3.04	91.97 -0.68 -6.57	86.71 -0.95 -5.15	61.14 -0.69 -4.78	57.85 -0.74 -4.32	51.76 -0.74 -3.40	49.06 -0.75 -3.19	39.29 -0.63 -1.93
E_CANADA_CAP_HY 24051	29.20 1.23 0.23	20.79 0.83 0.00	24.71 0.99 0.00	22.29 0.83 0.00	24.98 1.02 0.00	24.07 1.00 0.04	27.38 1.23 0.00	30.53 1.22 0.00	24.76 0.56 0.00	23.07 0.43 0.00	25.33 0.41 0.00	25.15 0.38 0.00	30.25 0.53 0.00	38.32 0.72 0.00	39.38 0.69 0.00	46.09 0.78 0.00	48.74 0.99 0.00	88.62 2.52 0.00	86.25 3.74 0.00	59.95 2.90 0.00	56.97 2.70 0.00	51.43 2.33 0.00	48.87 2.25 0.00	39.83 1.83 0.00
E_CANADA_MHWK_HY 24050	28.68 0.47 0.00	20.34 0.38 0.00	24.17 0.45 0.00	21.94 0.48 0.00	24.45 0.49 0.00	23.64 0.53 0.00	26.88 0.73 0.00	30.13 0.82 0.00	24.46 0.25 0.00	22.68 0.03 0.00	24.60 -0.31 0.00	24.56 -0.21 0.00	29.35 -0.37 0.00	37.12 -0.47 0.00	38.24 -0.45 0.00	44.77 -0.55 0.00	47.30 -0.46 0.00	86.52 0.43 0.00	83.03 0.52 0.00	57.79 0.74 0.00	54.79 0.52 0.00	49.73 0.63 0.00	46.87 0.26 0.00	38.06 0.07 0.00
E_FISHKILL__LBMP 23776	29.62 0.86 -0.55	20.63 0.66 0.00	24.35 0.63 0.00	22.07 0.61 0.00	24.57 0.62 0.00	23.84 0.66 -0.07	27.00 0.85 0.00	30.38 1.07 0.00	25.34 1.13 0.00	23.78 1.14 0.00	26.24 1.32 0.00	26.23 1.46 0.00	31.36 1.64 0.00	39.66 2.07 0.00	40.90 2.21 0.00	47.66 2.34 0.00	50.13 2.38 0.00	90.16 4.07 0.00	85.14 2.63 0.00	58.65 1.60 0.00	55.54 1.27 0.00	50.46 1.36 0.00	47.67 1.05 0.00	38.79 0.80 0.00
FALCON__SEABRD_CC1 323796	29.46 1.24 0.00	20.88 0.91 0.00	24.64 0.91 0.00	22.21 0.76 0.00	24.50 0.54 0.00	23.71 0.59 0.00	26.88 0.73 0.00	29.94 0.63 0.00	24.62 0.42 0.00	22.95 0.31 0.00	25.11 0.19 0.00	25.41 0.65 0.00	30.40 0.67 0.00	37.74 0.15 0.00	38.17 -0.52 0.00	45.12 -0.20 0.00	46.72 -1.04 0.00	84.16 -1.93 0.00	82.48 -0.03 0.00	57.16 0.11 0.00	54.69 0.42 0.00	49.59 0.49 0.00	47.78 1.16 0.00	39.56 1.57 0.00
FALCON__SEABRD_CC2 323797	29.46 1.24 0.00	20.88 0.91 0.00	24.64 0.91 0.00	22.21 0.76 0.00	24.50 0.54 0.00	23.71 0.59 0.00	26.88 0.73 0.00	29.94 0.63 0.00	24.62 0.42 0.00	22.95 0.31 0.00	25.11 0.19 0.00	25.41 0.65 0.00	30.40 0.67 0.00	37.74 0.15 0.00	38.17 -0.52 0.00	45.12 -0.20 0.00	46.72 -1.04 0.00	84.16 -1.93 0.00	82.48 -0.03 0.00	57.16 0.11 0.00	54.69 0.42 0.00	49.59 0.49 0.00	47.78 1.16 0.00	39.56 1.57 0.00

FAR ROCKAWAY___4 23548	30.21 1.48 -0.51	21.09 1.13 0.00	24.78 1.06 0.00	22.38 0.92 0.00	24.98 1.02 0.00	24.30 1.12 -0.07	27.50 1.35 0.00	30.80 1.49 0.00	25.80 1.60 0.00	24.30 1.66 0.00	27.00 2.08 0.00	27.06 2.30 0.00	32.48 2.76 0.00	41.01 3.42 0.00	42.37 3.67 0.00	49.17 3.85 0.00	51.67 3.91 0.00	92.64 6.55 0.00	86.80 4.29 0.00	59.70 2.64 0.00	56.70 2.43 0.00	51.48 2.38 0.00	48.65 2.03 0.00	39.70 1.71 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.85 1.13 -0.51	20.82 0.85 0.00	24.56 0.84 0.00	22.25 0.80 0.00	24.81 0.85 0.00	24.13 0.95 -0.07	27.35 1.20 0.00	30.81 1.50 0.00	25.74 1.54 0.00	24.23 1.59 0.00	26.80 1.88 0.00	26.84 2.07 0.00	32.10 2.38 0.00	40.57 2.98 0.00	41.86 3.17 0.00	48.73 3.41 0.00	51.27 3.51 0.00	92.18 6.09 0.00	86.76 4.26 0.00	59.62 2.57 0.00	56.38 2.11 0.00	51.26 2.16 0.00	48.37 1.76 0.00	39.35 1.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.86 1.13 -0.51	20.82 0.85 0.00	24.56 0.84 0.00	22.26 0.80 0.00	24.81 0.85 0.00	24.13 0.95 -0.07	27.36 1.21 0.00	30.81 1.50 0.00	25.74 1.54 0.00	24.23 1.59 0.00	26.80 1.88 0.00	26.84 2.07 0.00	32.10 2.37 0.00	40.57 2.98 0.00	41.86 3.17 0.00	48.73 3.41 0.00	51.26 3.50 0.00	92.18 6.09 0.00	86.76 4.26 0.00	59.64 2.58 0.00	56.39 2.12 0.00	51.26 2.16 0.00	48.38 1.77 0.00	39.36 1.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.84 1.12 -0.51	20.81 0.84 0.00	24.55 0.82 0.00	22.24 0.79 0.00	24.79 0.83 0.00	24.11 0.93 -0.07	27.34 1.18 0.00	30.79 1.48 0.00	25.73 1.52 0.00	24.21 1.57 0.00	26.79 1.87 0.00	26.83 2.06 0.00	32.07 2.35 0.00	40.54 2.95 0.00	41.84 3.15 0.00	48.71 3.39 0.00	51.23 3.47 0.00	92.10 6.01 0.00	86.70 4.19 0.00	59.58 2.53 0.00	56.34 2.07 0.00	51.21 2.11 0.00	48.34 1.72 0.00	39.32 1.33 0.00
FARRAGUT___LBMP 323566	29.82 1.10 -0.51	20.79 0.82 0.00	24.53 0.80 0.00	22.23 0.77 0.00	24.78 0.82 0.00	24.09 0.91 -0.07	27.32 1.17 0.00	30.76 1.45 0.00	25.70 1.50 0.00	24.19 1.54 0.00	26.76 1.84 0.00	26.80 2.03 0.00	32.04 2.32 0.00	40.50 2.91 0.00	41.79 3.09 0.00	48.64 3.32 0.00	51.17 3.41 0.00	92.01 5.92 0.00	86.61 4.10 0.00	59.52 2.47 0.00	56.29 2.02 0.00	51.17 2.07 0.00	48.30 1.68 0.00	39.29 1.30 0.00
FENNER___WINDPWR 24204	29.96 0.91 -0.83	20.64 0.63 -0.05	24.99 0.75 -0.52	22.25 0.68 -0.11	25.31 0.80 -0.55	24.21 0.82 -0.28	28.04 1.02 -0.87	31.26 1.06 -0.89	25.10 0.71 -0.19	23.14 0.44 -0.05	25.48 0.41 -0.15	25.28 0.39 -0.12	30.50 0.46 -0.31	39.24 0.71 -0.95	40.51 0.74 -1.08	47.66 0.89 -1.45	50.59 1.13 -1.70	92.81 3.04 -3.68	88.46 3.06 -2.89	61.92 2.19 -2.68	58.60 1.91 -2.42	52.67 1.67 -1.90	49.93 1.52 -1.79	40.11 1.04 -1.08
FIBERTEK___ENERGY 23856	30.60 0.05 -2.34	20.08 -0.01 -0.13	25.18 0.01 -1.45	21.74 -0.03 -0.31	25.54 0.03 -1.55	23.93 0.02 -0.80	28.66 0.06 -2.45	31.81 0.02 -2.48	24.58 -0.14 -0.52	22.62 -0.17 -0.15	25.16 -0.19 -0.43	24.90 -0.20 -0.33	30.41 -0.19 -0.87	40.07 -0.17 -2.65	41.58 -0.14 -3.03	49.33 -0.06 -4.06	52.53 -0.01 -4.78	96.77 0.36 -10.31	90.71 0.11 -8.09	64.61 0.05 -7.50	60.99 -0.07 -6.79	54.29 -0.15 -5.34	51.40 -0.24 -5.02	40.80 -0.22 -3.02
FITZPATRICK___ 23598	15.06 -0.68 12.48	18.76 -0.51 0.69	15.39 -0.59 7.74	19.21 -0.56 1.69	15.14 -0.57 8.25	18.29 -0.57 4.26	12.43 -0.64 13.09	15.32 -0.74 13.24	20.72 -0.70 2.78	21.16 -0.67 0.82	21.89 -0.74 2.29	22.27 -0.74 1.76	24.18 -0.88 4.66	22.39 -1.07 14.14	21.42 -1.08 16.19	22.42 -1.21 21.69	21.03 -1.25 25.48	29.00 -2.08 55.02	37.15 -2.21 43.16	15.50 -1.52 40.03	16.56 -1.50 36.21	19.22 -1.40 28.47	18.47 -1.37 26.77	20.73 -1.13 16.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.85 1.17 -0.46	20.82 0.85 0.00	24.60 0.88 0.00	22.27 0.82 0.00	24.85 0.89 0.00	24.11 0.94 -0.06	27.33 1.17 0.00	30.75 1.44 0.00	25.60 1.40 0.00	24.02 1.38 0.00	26.49 1.58 0.00	26.47 1.71 0.00	31.68 1.96 0.00	40.09 2.50 0.00	41.39 2.70 0.00	48.32 3.00 0.00	50.92 3.17 0.00	91.77 5.68 0.00	86.67 4.16 0.00	59.66 2.60 0.00	56.45 2.19 0.00	51.23 2.13 0.00	48.35 1.74 0.00	39.30 1.30 0.00
FORT ORANGE___ 23900	28.12 0.22 0.31	20.20 0.23 0.00	23.98 0.26 0.00	21.78 0.33 0.00	24.20 0.24 0.00	23.31 0.24 0.05	26.35 0.20 0.00	29.54 0.23 0.00	24.42 0.21 0.00	22.74 0.09 0.00	24.92 0.00 0.00	24.78 0.01 0.00	29.54 -0.18 0.00	37.35 -0.24 0.00	38.51 -0.18 0.00	45.01 -0.31 0.00	42.59 -0.39 4.77	84.59 -0.88 0.62	81.40 -1.11 0.00	56.33 -0.73 0.00	53.48 -0.78 0.00	48.54 -0.56 0.00	45.95 -0.67 0.00	37.67 -0.33 0.00
FORT_DRUM_COGEN 23780	31.17 1.39 -1.57	21.06 1.00 -0.09	25.93 1.23 -0.97	22.75 1.09 -0.21	26.25 1.26 -1.04	24.97 1.33 -0.53	29.39 1.60 -1.64	32.57 1.60 -1.66	25.26 0.70 -0.35	22.96 0.22 -0.10	25.19 -0.01 -0.29	24.85 -0.13 -0.22	30.17 -0.14 -0.59	39.67 0.31 -1.78	40.76 0.03 -2.03	47.66 -0.39 -2.72	51.19 0.24 -3.20	95.02 2.02 -6.91	91.50 3.57 -5.42	64.38 2.30 -5.03	60.80 1.99 -4.55	54.92 2.25 -3.58	52.67 2.69 -3.36	41.78 1.76 -2.03
FOX_HILLS___ESR 323835	30.10 1.38 -0.51	20.99 1.02 0.00	24.56 0.84 0.00	22.24 0.79 0.00	24.80 0.84 0.00	24.19 1.01 -0.07	27.41 1.26 0.00	30.88 1.57 0.00	25.78 1.57 0.00	24.22 1.58 0.00	26.76 1.84 0.00	26.81 2.05 0.00	32.06 2.33 0.00	40.57 2.98 0.00	41.93 3.23 0.00	48.78 3.46 0.00	51.43 3.67 0.00	92.61 6.52 0.00	87.12 4.61 0.00	59.85 2.80 0.00	56.59 2.32 0.00	51.54 2.45 0.00	48.71 2.09 0.00	39.61 1.62 0.00
FPL_FAR_ROCK_GT1 24212	30.21 1.48 -0.51	21.09 1.13 0.00	24.78 1.06 0.00	22.37 0.92 0.00	24.98 1.02 0.00	24.30 1.12 -0.07	27.50 1.35 0.00	30.80 1.49 0.00	25.80 1.60 0.00	24.30 1.66 0.00	27.00 2.08 0.00	27.06 2.30 0.00	32.48 2.76 0.00	41.01 3.42 0.00	42.37 3.68 0.00	49.17 3.85 0.00	51.67 3.91 0.00	92.64 6.55 0.00	86.80 4.29 0.00	59.69 2.64 0.00	56.70 2.43 0.00	51.49 2.38 0.00	48.64 2.02 0.00	39.70 1.71 0.00
FPL_FAR_ROCK_GT2 23815	30.21 1.48 -0.51	21.09 1.13 0.00	24.78 1.06 0.00	22.37 0.92 0.00	24.98 1.02 0.00	24.30 1.12 -0.07	27.50 1.35 0.00	30.80 1.49 0.00	25.80 1.60 0.00	24.30 1.66 0.00	27.00 2.08 0.00	27.06 2.30 0.00	32.48 2.76 0.00	41.01 3.42 0.00	42.37 3.68 0.00	49.17 3.85 0.00	51.67 3.91 0.00	92.64 6.55 0.00	86.80 4.29 0.00	59.69 2.64 0.00	56.70 2.43 0.00	51.49 2.38 0.00	48.64 2.02 0.00	39.70 1.71 0.00
FRANKLIN_FALL_HYD 24054	29.09 0.88 0.00	20.59 0.62 0.00	24.38 0.66 0.00	21.96 0.51 0.00	24.39 0.43 0.00	23.62 0.51 0.00	26.70 0.55 0.00	29.83 0.52 0.00	24.52 0.31 0.00	22.85 0.21 0.00	25.09 0.18 0.00	25.12 0.35 0.00	30.11 0.39 0.00	37.77 0.18 0.00	38.60 -0.09 0.00	45.69 0.37 0.00	47.85 0.10 0.00	86.46 0.37 0.00	84.51 2.00 0.00	58.58 1.53 0.00	56.16 1.89 0.00	50.65 1.56 0.00	48.41 1.79 0.00	39.62 1.63 0.00



FREEMONT___GT1 23764	29.87 1.15 -0.51	20.86 0.90 0.00	24.54 0.81 0.00	22.14 0.69 0.00	24.71 0.75 0.00	24.04 0.86 -0.07	27.20 1.05 0.00	30.42 1.11 0.00	25.51 1.30 0.00	24.00 1.36 0.00	26.67 1.75 0.00	26.71 1.95 0.00	32.03 2.31 0.00	40.52 2.94 0.00	41.89 3.19 0.00	48.54 3.23 0.00	51.01 3.25 0.00	91.06 4.97 0.00	85.50 2.99 0.00	58.84 1.79 0.00	55.89 1.63 0.00	50.81 1.71 0.00	47.98 1.37 0.00	39.27 1.28 0.00
FREEPORT___CT2 23818	29.87 1.15 -0.51	20.86 0.90 0.00	24.54 0.81 0.00	22.14 0.69 0.00	24.71 0.75 0.00	24.04 0.86 -0.07	27.20 1.05 0.00	30.42 1.11 0.00	25.51 1.30 0.00	24.00 1.36 0.00	26.67 1.75 0.00	26.71 1.95 0.00	32.03 2.31 0.00	40.52 2.94 0.00	41.89 3.19 0.00	48.54 3.23 0.00	51.01 3.25 0.00	91.06 4.97 0.00	85.50 2.99 0.00	58.84 1.79 0.00	55.89 1.63 0.00	50.81 1.71 0.00	47.98 1.37 0.00	39.27 1.28 0.00
FRESHKLS_33_KV_LOAD 356253	30.24 1.52 -0.51	21.09 1.12 0.00	24.54 0.82 0.00	22.20 0.74 0.00	24.78 0.82 0.00	24.23 1.05 -0.07	27.45 1.30 0.00	30.94 1.63 0.00	25.80 1.60 0.00	24.22 1.58 0.00	26.76 1.84 0.00	26.79 2.03 0.00	32.04 2.32 0.00	40.58 2.99 0.00	42.01 3.31 0.00	48.92 3.59 0.00	51.62 3.86 0.00	93.03 6.93 0.00	87.54 5.03 0.00	60.13 3.08 0.00	56.85 2.58 0.00	51.82 2.71 0.00	48.96 2.34 0.00	39.79 1.80 0.00
FULTON COGEN____ 23766	31.28 -0.32 -3.39	19.88 -0.27 -0.19	25.52 -0.30 -2.10	21.61 -0.30 -0.46	25.92 -0.28 -2.24	23.99 -0.28 -1.16	29.42 -0.28 -3.55	32.57 -0.34 -3.60	24.55 -0.41 -0.75	22.44 -0.42 -0.22	25.05 -0.49 -0.62	24.73 -0.52 -0.48	30.38 -0.61 -1.27	40.71 -0.71 -3.84	42.39 -0.70 -4.40	50.47 -0.74 -5.89	54.05 -0.63 -6.92	100.06 -0.98 -14.94	93.03 -1.20 -11.72	67.14 -0.78 -10.87	63.26 -0.84 -9.83	56.02 -0.81 -7.73	53.05 -0.84 -7.27	41.66 -0.72 -4.38
FULTON___LFGE 323630	29.21 1.26 0.27	20.85 0.88 0.00	24.75 1.03 0.00	22.36 0.90 0.00	25.02 1.06 0.00	24.12 1.05 0.04	27.48 1.33 0.00	30.65 1.34 0.00	24.66 0.46 0.00	22.90 0.26 0.00	24.91 -0.01 0.00	24.72 -0.05 0.00	29.69 -0.04 0.00	37.58 -0.01 0.00	38.68 -0.01 0.00	45.31 -0.01 0.00	47.97 0.21 0.00	88.11 2.02 0.00	86.26 3.75 0.00	60.05 2.99 0.00	57.03 2.76 0.00	51.50 2.40 0.00	48.81 2.19 0.00	39.72 1.73 0.00
G.F.CEMENT___DRP 24184	29.15 1.42 0.48	21.06 1.10 0.00	24.94 1.22 0.00	22.64 1.19 0.00	25.20 1.24 0.00	24.17 1.13 0.07	27.71 1.56 0.00	31.07 1.76 0.00	25.47 1.27 0.00	23.63 0.99 0.00	25.71 0.79 0.00	25.45 0.69 0.00	30.51 0.78 0.00	38.58 0.99 0.00	39.80 1.10 0.00	46.88 1.56 0.00	49.75 2.00 0.00	90.41 4.32 0.00	86.76 4.25 0.00	60.21 3.15 0.00	57.18 2.90 0.00	51.72 2.61 0.00	48.61 1.99 0.00	39.48 1.49 0.00
GARDENVILLE___LBMP 24039	29.63 0.43 -0.98	20.15 0.13 -0.05	24.67 0.34 -0.61	21.71 0.12 -0.13	25.05 0.44 -0.65	23.69 0.25 -0.33	27.15 -0.02 -1.03	29.86 -0.49 -1.04	23.58 -0.84 -0.22	22.34 -0.37 -0.06	24.87 -0.23 -0.18	24.56 -0.34 -0.14	29.89 -0.20 -0.37	38.50 -0.20 -1.11	39.50 -0.46 -1.27	46.89 -0.13 -1.70	49.52 -0.24 -2.00	89.88 -0.54 -4.32	83.87 -2.03 -3.39	58.75 -1.45 -3.15	55.74 -1.37 -2.85	49.59 -1.75 -2.24	47.35 -1.37 -2.11	38.72 -0.54 -1.27
GARDNVLA_35_KV_LD 355827	29.74 0.55 -0.98	20.22 0.20 -0.05	24.75 0.41 -0.61	21.78 0.20 -0.13	25.12 0.51 -0.65	23.76 0.32 -0.33	27.25 0.07 -1.03	29.96 -0.39 -1.04	23.68 -0.74 -0.22	22.44 -0.26 -0.06	24.98 -0.12 -0.18	24.66 -0.24 -0.14	30.02 -0.08 -0.36	38.68 -0.02 -1.11	39.70 -0.26 -1.27	47.16 0.14 -1.70	49.82 0.07 -2.00	90.46 0.05 -4.32	84.41 -1.49 -3.39	59.11 -1.08 -3.14	56.11 -1.00 -2.84	49.87 -1.46 -2.24	47.62 -1.10 -2.10	38.90 -0.35 -1.27
GELCKHM___115KV_LOAD 80723	29.95 -0.12 -1.86	19.94 -0.13 -0.10	24.75 -0.13 -1.15	21.56 -0.14 -0.25	25.08 -0.10 -1.23	23.63 -0.11 -0.63	27.99 -0.11 -1.94	31.12 -0.16 -1.97	24.35 -0.27 -0.41	22.49 -0.28 -0.12	24.96 -0.30 -0.34	24.73 -0.30 -0.26	30.10 -0.31 -0.69	39.35 -0.34 -2.10	40.77 -0.33 -2.40	48.26 -0.28 -3.22	51.30 -0.24 -3.79	94.13 -0.14 -8.18	88.53 -0.40 -6.41	62.69 -0.31 -5.95	59.24 -0.41 -5.38	52.88 -0.45 -4.23	50.10 -0.49 -3.98	39.96 -0.43 -2.40
GENERAL___MILLS 23808	29.69 0.49 -0.98	20.19 0.17 -0.05	24.71 0.38 -0.61	21.75 0.16 -0.13	25.09 0.48 -0.65	23.74 0.29 -0.33	27.20 0.03 -1.03	29.91 -0.44 -1.04	23.64 -0.78 -0.22	22.40 -0.31 -0.06	24.93 -0.17 -0.18	24.61 -0.29 -0.14	29.95 -0.14 -0.37	38.58 -0.12 -1.11	39.60 -0.36 -1.27	47.03 0.00 -1.70	49.68 -0.08 -2.00	90.17 -0.24 -4.32	84.13 -1.77 -3.39	58.94 -1.26 -3.14	55.94 -1.17 -2.84	49.74 -1.60 -2.24	47.49 -1.23 -2.10	38.82 -0.44 -1.27
GE_PLASTICS___DRP 24183	28.19 0.22 0.24	20.19 0.23 0.00	23.97 0.25 0.00	21.75 0.30 0.00	24.20 0.24 0.00	23.33 0.25 0.04	26.41 0.26 0.00	29.68 0.37 0.00	24.57 0.37 0.00	22.91 0.26 0.00	25.08 0.16 0.00	24.89 0.13 0.00	29.69 -0.03 0.00	37.54 -0.06 0.00	38.69 0.00 0.00	45.16 -0.16 0.00	-36.58 -0.28 84.06	74.38 -0.74 10.98	81.30 -1.21 0.00	56.21 -0.84 0.00	53.41 -0.86 0.00	48.47 -0.63 0.00	45.93 -0.68 0.00	37.45 -0.54 0.00
GILBOA___1 23756	28.71 0.50 0.00	20.35 0.38 0.00	24.28 0.56 0.00	21.96 0.51 0.00	24.52 0.56 0.00	23.52 0.41 0.00	26.52 0.37 0.00	29.76 0.45 0.00	24.61 0.40 0.00	23.02 0.37 0.00	25.31 0.39 0.00	25.21 0.45 0.00	30.19 0.46 0.00	38.18 0.59 0.00	39.32 0.62 0.00	45.81 0.49 0.00	48.16 0.40 0.00	86.14 0.05 0.00	81.73 -0.78 0.00	56.59 -0.46 0.00	53.72 -0.54 0.00	48.97 -0.13 0.00	46.71 0.09 0.00	38.12 0.13 0.00
GILBOA___2 23757	28.71 0.50 0.00	20.35 0.38 0.00	24.28 0.56 0.00	21.96 0.51 0.00	24.52 0.56 0.00	23.52 0.41 0.00	26.52 0.37 0.00	29.76 0.45 0.00	24.61 0.40 0.00	23.02 0.37 0.00	25.31 0.39 0.00	25.21 0.45 0.00	30.19 0.46 0.00	38.18 0.59 0.00	39.32 0.62 0.00	45.81 0.49 0.00	48.16 0.40 0.00	86.14 0.05 0.00	81.73 -0.78 0.00	56.59 -0.46 0.00	53.72 -0.54 0.00	48.97 -0.13 0.00	46.71 0.09 0.00	38.12 0.13 0.00
GILBOA___3 23758	28.71 0.50 0.00	20.35 0.38 0.00	24.28 0.56 0.00	21.96 0.51 0.00	24.52 0.56 0.00	23.52 0.41 0.00	26.52 0.37 0.00	29.76 0.45 0.00	24.61 0.40 0.00	23.02 0.37 0.00	25.31 0.39 0.00	25.21 0.45 0.00	30.19 0.46 0.00	38.18 0.59 0.00	39.32 0.62 0.00	45.81 0.49 0.00	48.16 0.40 0.00	86.14 0.05 0.00	81.73 -0.78 0.00	56.59 -0.46 0.00	53.72 -0.54 0.00	48.97 -0.13 0.00	46.71 0.09 0.00	38.12 0.13 0.00
GILBOA___4 23759	28.71 0.50 0.00	20.35 0.38 0.00	24.28 0.56 0.00	21.96 0.51 0.00	24.52 0.56 0.00	23.52 0.41 0.00	26.52 0.37 0.00	29.76 0.45 0.00	24.61 0.40 0.00	23.02 0.37 0.00	25.31 0.39 0.00	25.21 0.45 0.00	30.19 0.46 0.00	38.18 0.59 0.00	39.32 0.62 0.00	45.81 0.49 0.00	48.16 0.40 0.00	86.14 0.05 0.00	81.73 -0.78 0.00	56.59 -0.46 0.00	53.72 -0.54 0.00	48.97 -0.13 0.00	46.71 0.09 0.00	38.12 0.13 0.00

GILBOA____ 23599	28.71 0.49 0.00	20.35 0.39 0.00	24.28 0.56 0.00	21.96 0.51 0.00	24.52 0.56 0.00	23.52 0.41 0.00	26.52 0.37 0.00	29.76 0.45 0.00	24.61 0.40 0.00	23.01 0.37 0.00	25.31 0.39 0.00	25.21 0.45 0.00	30.19 0.46 0.00	38.18 0.59 0.00	39.32 0.63 0.00	45.81 0.49 0.00	48.16 0.40 0.00	86.14 0.05 0.00	81.72 -0.79 0.00	56.58 -0.47 0.00	53.72 -0.55 0.00	48.96 -0.14 0.00	46.71 0.09 0.00	38.12 0.13 0.00
GINNA____ 23603	28.09 -1.03 -0.91	19.18 -0.83 -0.05	23.35 -0.94 -0.57	20.67 -0.91 -0.12	23.66 -0.90 -0.60	22.56 -0.86 -0.31	26.08 -1.02 -0.95	28.95 -1.33 -0.97	23.09 -1.32 -0.20	21.58 -1.12 -0.06	23.92 -1.17 -0.17	23.72 -1.18 -0.13	28.78 -1.29 -0.34	37.06 -1.56 -1.03	38.36 -1.51 -1.18	45.41 -1.49 -1.58	48.14 -1.47 -1.86	87.72 -2.38 -4.01	82.77 -2.89 -3.14	57.92 -2.05 -2.92	54.84 -2.06 -2.64	48.95 -2.22 -2.08	46.43 -2.14 -1.95	37.51 -1.66 -1.18
GLEN PARK____ 23778	31.39 1.53 -1.64	21.15 1.09 -0.09	26.08 1.34 -1.02	22.85 1.18 -0.22	26.42 1.38 -1.09	25.11 1.44 -0.56	29.62 1.74 -1.72	32.81 1.76 -1.74	25.35 0.78 -0.37	22.99 0.24 -0.11	25.20 -0.02 -0.30	24.84 -0.16 -0.23	30.17 -0.17 -0.61	39.82 0.37 -1.86	40.87 0.05 -2.13	47.83 -0.35 -2.85	51.45 0.34 -3.35	95.65 2.32 -7.24	92.27 4.08 -5.68	65.05 2.73 -5.27	61.44 2.41 -4.77	55.44 2.59 -3.75	53.09 2.95 -3.53	42.07 1.95 -2.12
GLENDALE_27_KV_LOAD 356172	29.99 1.27 -0.51	20.93 0.96 0.00	24.66 0.94 0.00	22.36 0.91 0.00	24.90 0.95 0.00	24.24 1.06 -0.07	27.48 1.32 0.00	30.96 1.65 0.00	25.90 1.69 0.00	24.37 1.72 0.00	26.94 2.02 0.00	26.98 2.22 0.00	32.24 2.52 0.00	40.78 3.19 0.00	42.07 3.38 0.00	48.92 3.60 0.00	51.48 3.72 0.00	92.57 6.48 0.00	87.15 4.64 0.00	59.86 2.81 0.00	56.58 2.31 0.00	51.44 2.34 0.00	48.56 1.94 0.00	39.52 1.53 0.00
GLENWOOD_IC_1_G5 23712	29.90 1.18 -0.51	20.86 0.90 0.00	24.58 0.86 0.00	22.22 0.77 0.00	24.79 0.83 0.00	24.09 0.91 -0.07	27.29 1.14 0.00	30.62 1.31 0.00	25.62 1.42 0.00	24.12 1.48 0.00	26.73 1.82 0.00	26.77 2.01 0.00	32.08 2.36 0.00	40.58 2.99 0.00	41.78 3.09 0.00	48.39 3.07 0.00	50.84 3.09 0.00	91.22 5.12 0.00	85.79 3.28 0.00	59.03 1.97 0.00	55.85 1.59 0.00	50.71 1.61 0.00	47.91 1.30 0.00	39.31 1.32 0.00
GLENWOOD_IC_2_G1 23688	29.80 1.08 -0.51	20.79 0.82 0.00	24.51 0.79 0.00	22.17 0.72 0.00	24.72 0.76 0.00	24.02 0.84 -0.07	27.21 1.06 0.00	30.57 1.26 0.00	25.55 1.35 0.00	24.04 1.40 0.00	26.63 1.71 0.00	26.65 1.88 0.00	31.90 2.18 0.00	40.34 2.75 0.00	41.64 2.94 0.00	48.38 3.06 0.00	50.85 3.09 0.00	91.29 5.19 0.00	85.94 3.43 0.00	59.13 2.08 0.00	55.97 1.71 0.00	50.86 1.76 0.00	48.02 1.41 0.00	39.17 1.18 0.00
GLENWOOD_IC_3_G1 23689	29.80 1.08 -0.51	20.79 0.82 0.00	24.51 0.79 0.00	22.17 0.72 0.00	24.72 0.76 0.00	24.02 0.84 -0.07	27.21 1.06 0.00	30.57 1.26 0.00	25.55 1.35 0.00	24.04 1.40 0.00	26.63 1.71 0.00	26.65 1.88 0.00	31.90 2.18 0.00	40.34 2.75 0.00	41.64 2.94 0.00	48.38 3.06 0.00	50.85 3.09 0.00	91.29 5.19 0.00	85.94 3.43 0.00	59.13 2.08 0.00	55.97 1.71 0.00	50.86 1.76 0.00	48.02 1.41 0.00	39.17 1.18 0.00
GLENWOOD____4 23550	29.90 1.18 -0.51	20.86 0.90 0.00	24.58 0.86 0.00	22.22 0.77 0.00	24.79 0.83 0.00	24.09 0.91 -0.07	27.29 1.14 0.00	30.62 1.31 0.00	25.62 1.42 0.00	24.12 1.48 0.00	26.73 1.82 0.00	26.77 2.01 0.00	32.08 2.36 0.00	40.58 2.99 0.00	41.83 3.13 0.00	48.50 3.18 0.00	50.97 3.21 0.00	91.43 5.34 0.00	85.99 3.48 0.00	59.16 2.11 0.00	55.99 1.72 0.00	50.83 1.73 0.00	48.01 1.40 0.00	39.31 1.32 0.00
GLENWOOD____5 23614	29.90 1.18 -0.51	20.86 0.90 0.00	24.58 0.86 0.00	22.22 0.77 0.00	24.79 0.83 0.00	24.09 0.91 -0.07	27.29 1.14 0.00	30.62 1.31 0.00	25.62 1.42 0.00	24.12 1.48 0.00	26.73 1.82 0.00	26.77 2.01 0.00	32.08 2.36 0.00	40.58 2.99 0.00	41.83 3.13 0.00	48.50 3.18 0.00	50.97 3.21 0.00	91.43 5.34 0.00	85.99 3.48 0.00	59.16 2.11 0.00	55.99 1.72 0.00	50.83 1.73 0.00	48.01 1.40 0.00	39.31 1.32 0.00
GLOBAL GREEN_PORT_GT1 23814	30.32 1.60 -0.51	21.36 1.39 0.00	25.15 1.43 0.00	22.56 1.10 0.00	25.18 1.22 0.00	24.37 1.19 -0.07	27.66 1.51 0.00	31.05 1.74 0.00	26.11 1.90 0.00	24.56 1.92 0.00	27.27 2.36 0.00	27.24 2.48 0.00	32.61 2.89 0.00	41.29 3.70 0.00	42.87 4.18 0.00	49.79 4.47 0.00	52.31 4.56 0.00	93.52 7.42 0.00	87.57 5.07 0.00	60.06 3.00 0.00	56.74 2.47 0.00	50.91 1.81 0.00	47.24 0.62 0.00	38.44 0.44 0.00
GLOBE____DSASP 323697	28.90 -0.26 -0.95	19.74 -0.28 -0.05	24.14 -0.17 -0.59	21.30 -0.28 -0.13	24.53 -0.06 -0.63	23.21 -0.22 -0.33	26.43 -0.71 -1.00	28.95 -1.36 -1.01	22.88 -1.54 -0.21	21.77 -0.93 -0.06	24.22 -0.87 -0.18	23.89 -1.01 -0.13	29.04 -1.04 -0.35	37.45 -1.22 -1.07	38.44 -1.49 -1.23	45.70 -1.27 -1.65	48.29 -1.40 -1.94	86.70 -3.58 -4.18	80.72 -5.07 -3.28	56.54 -3.56 -3.05	53.77 -3.26 -2.75	47.96 -3.31 -2.17	46.19 -2.46 -2.04	37.86 -1.36 -1.23
GOETHSLN____LBMP 323567	29.67 0.94 -0.51	20.69 0.72 0.00	24.42 0.70 0.00	22.15 0.69 0.00	24.65 0.70 0.00	24.01 0.83 -0.07	27.22 1.08 0.00	30.67 1.36 0.00	25.62 1.41 0.00	24.11 1.46 0.00	26.67 1.75 0.00	26.71 1.95 0.00	31.94 2.22 0.00	40.37 2.78 0.00	41.65 2.96 0.00	48.47 3.15 0.00	50.96 3.20 0.00	91.66 5.57 0.00	86.25 3.74 0.00	59.25 2.20 0.00	56.00 1.74 0.00	50.99 1.88 0.00	48.12 1.50 0.00	39.13 1.14 0.00
GOLAH____69_KV_TB 1_2 80279	29.85 0.70 -0.94	20.44 0.42 -0.05	24.91 0.61 -0.58	22.04 0.45 -0.13	25.25 0.67 -0.62	24.05 0.62 -0.32	27.68 0.54 -0.98	30.62 0.31 -1.00	24.25 -0.16 -0.21	22.71 0.00 -0.06	25.17 0.08 -0.17	24.96 0.06 -0.13	30.25 0.18 -0.35	39.02 0.37 -1.06	40.26 0.35 -1.22	47.72 0.77 -1.63	50.51 0.84 -1.92	92.14 1.91 -4.13	86.82 1.06 -3.24	60.82 0.76 -3.01	57.65 0.66 -2.72	51.40 0.16 -2.14	48.81 0.18 -2.01	39.63 0.43 -1.21
GOODYEAR_LAKE_HYD 323669	29.62 0.91 -0.50	20.58 0.58 -0.03	24.77 0.74 -0.31	22.10 0.58 -0.07	25.06 0.77 -0.33	24.00 0.72 -0.17	27.53 0.86 -0.52	30.78 0.94 -0.53	24.96 0.64 -0.11	23.27 0.59 -0.03	25.71 0.70 -0.09	25.58 0.74 -0.07	30.84 0.93 -0.18	39.39 1.24 -0.56	40.56 1.22 -0.65	47.53 1.34 -0.87	50.22 1.44 -1.02	91.01 2.72 -2.20	86.50 2.27 -1.73	60.28 1.63 -1.60	57.12 1.40 -1.45	51.60 1.36 -1.14	48.97 1.28 -1.07	39.64 1.01 -0.65
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.69 0.29 -1.20	20.14 0.10 -0.07	24.68 0.22 -0.74	21.70 0.08 -0.16	25.02 0.27 -0.79	23.66 0.14 -0.41	27.61 0.21 -1.25	30.77 0.20 -1.27	24.48 0.01 -0.27	22.75 0.03 -0.08	25.22 0.08 -0.22	25.03 0.09 -0.17	30.34 0.17 -0.45	39.21 0.26 -1.36	40.43 0.19 -1.55	47.64 0.24 -2.08	50.39 0.19 -2.44	91.92 0.55 -5.27	86.50 -0.15 -4.14	60.88 -0.01 -3.84	57.67 -0.07 -3.47	51.86 0.03 -2.73	49.09 -0.09 -2.57	39.42 -0.12 -1.55

GOUDEY___7 23579	29.69 0.29 -1.20	20.14 0.10 -0.07	24.68 0.22 -0.74	21.70 0.08 -0.16	25.02 0.27 -0.79	23.66 0.14 -0.41	27.61 0.21 -1.25	30.77 0.20 -1.27	24.48 0.01 -0.27	22.75 0.03 -0.08	25.22 0.08 -0.22	25.03 0.09 -0.17	30.34 0.17 -0.45	39.21 0.26 -1.36	40.43 0.19 -1.55	47.64 0.24 -2.08	50.39 0.19 -2.44	91.92 0.55 -5.27	86.50 -0.15 -4.14	60.88 -0.01 -3.84	57.67 -0.07 -3.47	51.86 0.03 -2.73	49.09 -0.09 -2.57	39.42 -0.12 -1.55
GOUDEY___8 23580	29.69 0.29 -1.20	20.14 0.10 -0.07	24.68 0.22 -0.74	21.70 0.08 -0.16	25.02 0.27 -0.79	23.66 0.14 -0.41	27.61 0.21 -1.25	30.77 0.20 -1.27	24.48 0.01 -0.27	22.75 0.03 -0.08	25.22 0.08 -0.22	25.03 0.09 -0.17	30.34 0.17 -0.45	39.21 0.26 -1.36	40.43 0.19 -1.55	47.64 0.24 -2.08	50.39 0.19 -2.44	91.92 0.55 -5.27	86.50 -0.15 -4.14	60.88 -0.01 -3.84	57.67 -0.07 -3.47	51.86 0.03 -2.73	49.09 -0.09 -2.57	39.42 -0.12 -1.55
GOWANUS_GT1_1 24077	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT1_2 24078	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT1_3 24079	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT1_4 24080	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT1_5 24084	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT1_6 24111	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT1_7 24112	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT1_8 24113	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT2_1 24114	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT2_2 24115	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT2_3 24116	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT2_4 24117	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT2_5 24118	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00

GOWANUS_GT2_6 24119	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT2_7 24120	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT2_8 24121	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.15 2.43 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_1 24122	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_2 24123	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_3 24124	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_4 24125	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_5 24126	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_6 24127	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_7 24128	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT3_8 24129	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
GOWANUS_GT4_1 24130	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT4_2 24131	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT4_3 24132	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT4_4 24133	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00

GOWANUS_GT4_5 24134	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT4_6 24135	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT4_7 24136	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GOWANUS_GT4_8 24137	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.66 3.07 0.00	41.96 3.26 0.00	48.77 3.44 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.40 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GREATVRV_69_KV_BK1 356245	30.16 1.43 -0.51	21.09 1.13 0.00	24.80 1.08 0.00	22.30 0.85 0.00	24.89 0.93 0.00	24.22 1.04 -0.07	27.46 1.30 0.00	30.70 1.39 0.00	25.77 1.56 0.00	24.28 1.64 0.00	26.98 2.06 0.00	26.94 2.18 0.00	32.34 2.62 0.00	40.99 3.40 0.00	42.45 3.76 0.00	49.11 3.79 0.00	51.48 3.72 0.00	91.75 5.66 0.00	86.15 3.64 0.00	59.34 2.29 0.00	56.42 2.15 0.00	51.06 1.96 0.00	48.15 1.53 0.00	39.49 1.50 0.00
GREENBSH_115KV_TB3 55895	27.94 0.06 0.34	20.10 0.13 0.00	23.85 0.13 0.00	21.67 0.22 0.00	24.08 0.12 0.00	23.21 0.15 0.05	26.27 0.12 0.00	29.55 0.24 0.00	24.47 0.26 0.00	22.84 0.19 0.00	25.04 0.12 0.00	24.90 0.14 0.00	29.68 -0.04 0.00	37.53 -0.07 0.00	38.69 -0.01 0.00	45.22 -0.10 0.00	47.58 -0.18 0.00	85.57 -0.53 0.00	81.54 -0.97 0.00	56.37 -0.68 0.00	53.52 -0.75 0.00	48.54 -0.56 0.00	45.97 -0.65 0.00	37.50 -0.49 0.00
GREENDGE_115KV_TB5 80291	30.50 0.78 -1.51	20.45 0.40 -0.08	25.26 0.60 -0.94	22.04 0.38 -0.20	25.63 0.67 -1.00	24.18 0.55 -0.52	28.46 0.72 -1.58	31.61 0.70 -1.60	24.71 0.17 -0.34	22.79 0.04 -0.10	25.15 -0.04 -0.28	24.59 -0.38 -0.21	30.10 -0.19 -0.57	39.31 0.02 -1.71	40.52 -0.14 -1.96	47.70 -0.25 -2.62	49.72 -1.12 -3.08	91.71 -1.04 -6.66	86.81 -0.93 -5.22	61.46 -0.45 -4.84	58.05 -0.60 -4.38	51.85 -0.70 -3.45	48.92 -0.94 -3.24	39.41 -0.53 -1.95
GREENIDGE___3 23582	30.50 0.78 -1.51	20.45 0.40 -0.08	25.26 0.60 -0.94	22.04 0.38 -0.20	25.63 0.67 -1.00	24.18 0.55 -0.52	28.46 0.72 -1.58	31.61 0.70 -1.60	24.71 0.17 -0.34	22.79 0.04 -0.10	25.15 -0.04 -0.28	24.59 -0.38 -0.21	30.10 -0.19 -0.57	39.31 0.02 -1.71	40.52 -0.14 -1.96	47.70 -0.25 -2.62	49.72 -1.12 -3.08	91.71 -1.04 -6.66	86.81 -0.93 -5.22	61.46 -0.45 -4.84	58.05 -0.60 -4.38	51.85 -0.70 -3.45	48.92 -0.94 -3.24	39.41 -0.53 -1.95
GREENIDGE___4 23583	30.50 0.78 -1.51	20.44 0.39 -0.08	25.26 0.60 -0.94	22.04 0.38 -0.20	25.63 0.67 -1.00	24.18 0.56 -0.52	28.45 0.72 -1.58	31.61 0.70 -1.60	24.71 0.17 -0.34	22.79 0.04 -0.10	25.16 -0.04 -0.28	24.60 -0.38 -0.21	30.09 -0.20 -0.57	39.32 0.02 -1.71	40.52 -0.13 -1.96	47.70 -0.24 -2.62	49.73 -1.11 -3.08	91.71 -1.04 -6.66	86.81 -0.93 -5.22	61.46 -0.44 -4.84	58.03 -0.62 -4.38	51.84 -0.70 -3.45	48.92 -0.94 -3.24	39.41 -0.54 -1.95
GREENLWN_69_KV_BK 3 55738	29.65 0.93 -0.51	20.77 0.81 0.00	24.43 0.70 0.00	22.02 0.56 0.00	24.56 0.60 0.00	23.90 0.72 -0.07	27.03 0.88 0.00	30.10 0.79 0.00	25.30 1.10 0.00	23.86 1.21 0.00	26.60 1.68 0.00	26.60 1.83 0.00	31.91 2.19 0.00	40.38 2.79 0.00	41.71 3.02 0.00	48.04 2.72 0.00	50.19 2.43 0.00	89.71 3.62 0.00	84.22 1.71 0.00	57.94 0.89 0.00	54.94 0.67 0.00	49.83 0.73 0.00	47.12 0.51 0.00	38.78 0.79 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00
GRISSOM___SOLAR 323813	29.16 1.22 0.27	20.83 0.87 0.00	24.73 1.01 0.00	22.34 0.89 0.00	24.99 1.03 0.00	24.10 1.02 0.04	27.45 1.30 0.00	30.62 1.31 0.00	24.58 0.38 0.00	22.80 0.16 0.00	24.76 -0.16 0.00	24.57 -0.19 0.00	29.50 -0.23 0.00	37.33 -0.25 0.00	38.45 -0.25 0.00	45.02 -0.30 0.00	47.65 -0.11 0.00	87.72 1.63 0.00	86.01 3.49 0.00	59.88 2.82 0.00	56.88 2.61 0.00	51.37 2.27 0.00	48.67 2.06 0.00	39.61 1.62 0.00
GROVEVILLE___HYD 323602	29.85 1.17 -0.46	20.82 0.85 0.00	24.60 0.88 0.00	22.27 0.82 0.00	24.85 0.89 0.00	24.11 0.94 -0.06	27.33 1.17 0.00	30.75 1.44 0.00	25.60 1.40 0.00	24.02 1.38 0.00	26.49 1.58 0.00	26.47 1.71 0.00	31.68 1.96 0.00	40.09 2.50 0.00	41.39 2.70 0.00	48.32 3.00 0.00	50.92 3.17 0.00	91.77 5.68 0.00	86.67 4.16 0.00	59.66 2.60 0.00	56.45 2.19 0.00	51.23 2.13 0.00	48.35 1.74 0.00	39.30 1.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.60 0.05 -2.34	20.08 -0.01 -0.13	25.18 0.01 -1.45	21.74 -0.03 -0.31	25.54 0.03 -1.55	23.93 0.02 -0.80	28.66 0.06 -2.45	31.81 0.02 -2.48	24.58 -0.14 -0.52	22.62 -0.17 -0.15	25.16 -0.19 -0.43	24.90 -0.20 -0.33	30.41 -0.19 -0.87	40.07 -0.17 -2.65	41.58 -0.14 -3.03	49.33 -0.06 -4.06	52.53 -0.01 -4.78	96.77 0.36 -10.31	90.71 0.11 -8.09	64.61 0.05 -7.50	60.99 -0.07 -6.79	54.29 -0.15 -5.34	51.40 -0.24 -5.02	40.80 -0.22 -3.02
HAMLTNNY_34_KV_TB 80303	30.73 0.23 -2.29	20.19 0.09 -0.13	25.28 0.14 -1.42	21.84 0.08 -0.31	25.65 0.18 -1.51	24.02 0.12 -0.78	28.70 0.15 -2.40	31.83 0.09 -2.43	24.57 -0.15 -0.51	22.61 -0.18 -0.15	25.16 -0.18 -0.42	24.92 -0.16 -0.32	30.44 -0.14 -0.86	40.08 -0.10 -2.59	41.57 -0.09 -2.97	49.35 0.05 -3.98	52.59 0.15 -4.68	96.75 0.57 -10.09	90.70 0.27 -7.92	64.59 0.19 -7.34	60.97 0.05 -6.64	54.19 -0.13 -5.22	51.31 -0.22 -4.91	40.84 -0.11 -2.96

HAMPSHIRE___PAPER_HYD 323593	29.71 0.80 -0.70	20.58 0.57 -0.04	24.89 0.73 -0.43	22.16 0.61 -0.09	25.13 0.71 -0.46	24.12 0.77 -0.24	27.72 0.84 -0.73	30.87 0.82 -0.74	24.67 0.31 -0.16	22.75 0.06 -0.05	25.05 0.01 -0.13	24.82 -0.04 -0.10	29.97 -0.01 -0.26	38.53 0.15 -0.79	39.61 0.01 -0.90	46.21 -0.32 -1.21	49.09 -0.09 -1.42	90.25 1.09 -3.07	87.12 2.20 -2.41	60.84 1.55 -2.24	57.88 1.58 -2.02	52.27 1.58 -1.59	50.08 1.97 -1.50	40.33 1.44 -0.90
HARDSCRABBLE_WT_PWR 323673	28.62 0.42 0.00	20.30 0.33 0.00	24.13 0.41 0.00	21.89 0.43 0.00	24.41 0.45 0.00	23.59 0.48 0.00	26.80 0.65 0.00	30.05 0.74 0.00	24.47 0.26 0.00	22.72 0.08 0.00	24.73 -0.18 0.00	24.67 -0.10 0.00	29.50 -0.22 0.00	37.31 -0.28 0.00	38.41 -0.28 0.00	44.94 -0.38 0.00	47.43 -0.33 0.00	86.48 0.39 0.00	82.92 0.41 0.00	57.67 0.61 0.00	54.69 0.42 0.00	49.64 0.54 0.00	46.86 0.24 0.00	38.08 0.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.57 0.98 -0.38	20.65 0.68 0.00	24.43 0.70 0.00	22.06 0.61 0.00	24.67 0.72 0.00	23.96 0.79 -0.06	27.15 1.00 0.00	30.54 1.24 0.00	25.38 1.17 0.00	23.84 1.19 0.00	26.35 1.43 0.00	26.36 1.60 0.00	31.58 1.85 0.00	39.99 2.40 0.00	41.28 2.58 0.00	48.18 2.86 0.00	50.74 2.98 0.00	91.35 5.25 0.00	86.20 3.68 0.00	59.28 2.22 0.00	56.03 1.76 0.00	50.98 1.88 0.00	48.13 1.51 0.00	39.10 1.11 0.00
HARSNRAD_115KV_TB1 81005	29.46 0.30 -0.96	20.07 0.06 -0.05	24.55 0.24 -0.59	21.65 0.07 -0.13	24.91 0.32 -0.63	23.52 0.08 -0.33	26.82 -0.33 -1.00	29.34 -0.99 -1.01	23.15 -1.26 -0.21	21.98 -0.73 -0.06	24.44 -0.65 -0.18	24.11 -0.79 -0.14	29.33 -0.76 -0.36	37.76 -0.91 -1.08	38.72 -1.21 -1.24	46.02 -0.96 -1.66	48.61 -1.10 -1.95	88.07 -2.24 -4.22	82.16 -3.65 -3.31	57.57 -2.55 -3.07	54.69 -2.36 -2.77	48.63 -2.66 -2.18	46.55 -2.12 -2.05	38.55 -0.68 -1.24
HARZA MOOSE___RIVER 24016	29.83 0.96 -0.65	20.68 0.68 -0.04	24.97 0.84 -0.41	22.28 0.74 -0.09	25.26 0.87 -0.43	24.24 0.90 -0.22	27.92 1.08 -0.68	31.09 1.09 -0.69	24.95 0.60 -0.14	23.00 0.31 -0.04	25.26 0.22 -0.12	25.06 0.20 -0.09	30.19 0.22 -0.24	38.74 0.41 -0.74	39.90 0.36 -0.85	46.66 0.21 -1.13	49.48 0.38 -1.33	90.98 2.01 -2.88	87.20 2.43 -2.26	60.68 1.53 -2.10	57.51 1.35 -1.90	52.03 1.45 -1.49	49.77 1.75 -1.40	40.03 1.19 -0.84
HDSNBRDG_115KV_BRDG_TB1 355580	29.78 -0.12 -1.69	19.93 -0.13 -0.09	24.64 -0.13 -1.05	21.54 -0.14 -0.23	24.97 -0.10 -1.12	23.57 -0.11 -0.58	27.80 -0.12 -1.77	30.92 -0.18 -1.79	24.30 -0.28 -0.38	22.48 -0.28 -0.11	24.93 -0.29 -0.31	24.72 -0.29 -0.24	30.05 -0.31 -0.63	39.18 -0.32 -1.91	40.59 -0.30 -2.19	48.01 -0.24 -2.93	51.00 -0.20 -3.45	93.43 -0.10 -7.44	87.93 -0.41 -5.84	62.14 -0.33 -5.41	58.74 -0.42 -4.90	52.50 -0.45 -3.85	49.72 -0.52 -3.62	39.72 -0.45 -2.18
HELLGATE_13_KV_LD 55870	30.08 1.36 -0.51	21.00 1.04 0.00	24.75 1.03 0.00	22.45 1.00 0.00	25.00 1.04 0.00	24.29 1.11 -0.07	27.53 1.38 0.00	31.01 1.70 0.00	25.93 1.73 0.00	24.41 1.76 0.00	26.99 2.07 0.00	27.04 2.28 0.00	32.39 2.66 0.00	40.90 3.31 0.00	42.15 3.46 0.00	49.00 3.68 0.00	51.58 3.82 0.00	92.73 6.64 0.00	87.27 4.76 0.00	59.97 2.91 0.00	56.69 2.42 0.00	51.52 2.42 0.00	48.63 2.01 0.00	39.58 1.59 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.08 1.36 -0.51	21.00 1.04 0.00	24.75 1.03 0.00	22.45 1.00 0.00	25.00 1.04 0.00	24.29 1.11 -0.07	27.53 1.38 0.00	31.01 1.70 0.00	25.93 1.73 0.00	24.41 1.76 0.00	26.99 2.07 0.00	27.04 2.28 0.00	32.39 2.66 0.00	40.90 3.31 0.00	42.15 3.46 0.00	49.00 3.68 0.00	51.58 3.82 0.00	92.73 6.64 0.00	87.27 4.76 0.00	59.97 2.91 0.00	56.69 2.42 0.00	51.52 2.42 0.00	48.63 2.01 0.00	39.58 1.59 0.00
HEMPSTEAD___ 23647	29.72 0.99 -0.51	20.75 0.78 0.00	24.42 0.69 0.00	22.05 0.60 0.00	24.60 0.64 0.00	23.92 0.74 -0.07	27.09 0.94 0.00	30.33 1.02 0.00	25.41 1.21 0.00	23.92 1.28 0.00	26.55 1.63 0.00	26.60 1.83 0.00	31.87 2.15 0.00	40.33 2.73 0.00	41.63 2.94 0.00	48.24 2.92 0.00	50.67 2.92 0.00	90.73 4.64 0.00	85.25 2.74 0.00	58.67 1.62 0.00	55.59 1.32 0.00	50.48 1.38 0.00	47.66 1.05 0.00	39.04 1.04 0.00
HICKLING___1 23621	29.97 0.49 -1.26	20.20 0.17 -0.07	24.87 0.37 -0.79	21.75 0.13 -0.17	25.24 0.45 -0.83	23.80 0.26 -0.43	27.83 0.36 -1.33	30.92 0.27 -1.34	24.36 -0.12 -0.28	22.62 -0.10 -0.08	25.11 -0.04 -0.23	24.86 -0.08 -0.18	30.25 0.06 -0.47	39.17 0.15 -1.43	40.32 -0.01 -1.64	47.66 0.15 -2.20	50.25 -0.09 -2.58	92.10 0.44 -5.57	86.63 -0.25 -4.37	61.09 -0.02 -4.05	57.83 -0.11 -3.67	51.92 -0.06 -2.88	49.02 -0.31 -2.71	39.37 -0.26 -1.63
HICKLING___2 23622	29.97 0.49 -1.26	20.20 0.17 -0.07	24.87 0.37 -0.79	21.75 0.13 -0.17	25.24 0.45 -0.83	23.80 0.26 -0.43	27.83 0.36 -1.33	30.92 0.27 -1.34	24.36 -0.12 -0.28	22.62 -0.10 -0.08	25.11 -0.04 -0.23	24.86 -0.08 -0.18	30.25 0.06 -0.47	39.17 0.15 -1.43	40.32 -0.01 -1.64	47.66 0.15 -2.20	50.25 -0.09 -2.58	92.10 0.44 -5.57	86.63 -0.25 -4.37	61.09 -0.02 -4.05	57.83 -0.11 -3.67	51.92 -0.06 -2.88	49.02 -0.31 -2.71	39.37 -0.26 -1.63
HIGH FALLS___HY 23754	29.59 1.11 -0.27	20.74 0.77 0.00	24.52 0.80 0.00	22.17 0.72 0.00	24.77 0.81 0.00	24.04 0.88 -0.04	27.29 1.14 0.00	30.72 1.41 0.00	25.55 1.35 0.00	23.95 1.30 0.00	26.43 1.51 0.00	26.39 1.63 0.00	31.54 1.82 0.00	39.91 2.32 0.00	41.22 2.53 0.00	48.20 2.88 0.00	45.14 3.15 5.77	91.26 5.92 0.75	87.03 4.52 0.00	59.98 2.92 0.00	56.73 2.46 0.00	51.47 2.37 0.00	48.56 1.94 0.00	39.43 1.44 0.00
HIGH_RIVER___SOLAR 323847	28.71 0.79 0.29	20.56 0.59 0.00	24.40 0.68 0.00	22.08 0.63 0.00	24.65 0.69 0.00	23.75 0.68 0.04	26.99 0.84 0.00	30.20 0.89 0.00	24.60 0.40 0.00	22.86 0.21 0.00	24.89 -0.03 0.00	24.74 -0.02 0.00	29.65 -0.08 0.00	37.50 -0.09 0.00	38.63 -0.06 0.00	45.23 -0.09 0.00	47.94 0.18 0.00	87.42 1.32 0.00	84.52 2.01 0.00	58.66 1.61 0.00	55.71 1.44 0.00	50.41 1.31 0.00	47.77 1.16 0.00	38.91 0.92 0.00
HILLBURN___GT 23639	29.55 0.94 -0.39	20.62 0.65 0.00	24.39 0.66 0.00	22.02 0.57 0.00	24.63 0.67 0.00	23.92 0.75 -0.06	27.10 0.94 0.00	30.51 1.21 0.00	25.36 1.16 0.00	23.84 1.19 0.00	26.38 1.46 0.00	26.40 1.64 0.00	31.61 1.89 0.00	40.02 2.43 0.00	41.30 2.60 0.00	48.12 2.80 0.00	50.60 2.84 0.00	91.05 4.96 0.00	85.82 3.31 0.00	59.02 1.97 0.00	55.77 1.50 0.00	50.82 1.72 0.00	48.00 1.38 0.00	39.00 1.01 0.00
HILLSIDE_115KV_TB1 80332	29.52 0.05 -1.26	19.90 -0.14 -0.07	24.52 0.01 -0.78	21.43 -0.20 -0.17	24.87 0.08 -0.83	23.42 -0.12 -0.43	27.42 -0.06 -1.32	30.51 -0.14 -1.34	24.11 -0.37 -0.28	22.41 -0.32 -0.08	24.89 -0.26 -0.23	24.66 -0.28 -0.18	30.00 -0.19 -0.47	38.84 -0.18 -1.43	39.98 -0.35 -1.64	47.19 -0.32 -2.19	49.73 -0.60 -2.57	90.98 -0.67 -5.56	85.33 -1.54 -4.36	60.22 -0.88 -4.04	57.07 -0.86 -3.66	51.32 -0.66 -2.88	48.45 -0.87 -2.71	38.89 -0.73 -1.63

HISHELDN_WT_PWR 323625	29.64 0.39 -1.04	20.13 0.10 -0.06	24.67 0.30 -0.64	21.69 0.10 -0.14	25.04 0.40 -0.68	23.65 0.19 -0.35	27.19 -0.04 -1.09	29.93 -0.48 -1.10	23.56 -0.87 -0.23	22.18 -0.53 -0.07	24.66 -0.45 -0.19	24.34 -0.57 -0.14	29.60 -0.51 -0.39	38.16 -0.60 -1.17	39.18 -0.85 -1.34	46.49 -0.63 -1.80	49.06 -0.81 -2.11	89.35 -1.31 -4.56	83.87 -2.22 -3.58	58.84 -1.54 -3.32	55.75 -1.52 -3.00	49.64 -1.82 -2.36	47.32 -1.52 -2.22	38.60 -0.73 -1.34
HOLTSVILLE_IC_1 23690	29.67 0.95 -0.51	20.82 0.85 0.00	24.47 0.75 0.00	21.98 0.53 0.00	24.52 0.56 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.16 0.85 0.00	25.34 1.13 0.00	23.87 1.22 0.00	26.56 1.65 0.00	26.50 1.74 0.00	31.77 2.04 0.00	40.23 2.64 0.00	41.66 2.96 0.00	48.17 2.85 0.00	50.45 2.69 0.00	89.90 3.81 0.00	84.44 1.93 0.00	58.10 1.05 0.00	55.20 0.93 0.00	49.99 0.88 0.00	47.13 0.51 0.00	38.72 0.73 0.00
HOLTSVILLE_IC_10 23699	29.81 1.09 -0.51	20.91 0.95 0.00	24.58 0.85 0.00	22.07 0.62 0.00	24.62 0.66 0.00	23.95 0.77 -0.07	27.13 0.98 0.00	30.32 1.01 0.00	25.47 1.27 0.00	24.00 1.35 0.00	26.69 1.77 0.00	26.63 1.86 0.00	31.94 2.22 0.00	40.48 2.89 0.00	41.94 3.25 0.00	48.52 3.21 0.00	50.85 3.09 0.00	90.59 4.50 0.00	85.07 2.56 0.00	58.51 1.46 0.00	55.61 1.34 0.00	50.34 1.23 0.00	47.43 0.82 0.00	38.96 0.97 0.00
HOLTSVILLE_IC_2 23691	29.67 0.95 -0.51	20.82 0.85 0.00	24.47 0.75 0.00	21.98 0.53 0.00	24.52 0.56 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.16 0.85 0.00	25.34 1.13 0.00	23.87 1.22 0.00	26.56 1.65 0.00	26.50 1.74 0.00	31.77 2.04 0.00	40.23 2.64 0.00	41.66 2.96 0.00	48.17 2.85 0.00	50.45 2.69 0.00	89.90 3.81 0.00	84.44 1.93 0.00	58.10 1.05 0.00	55.20 0.93 0.00	49.99 0.88 0.00	47.13 0.51 0.00	38.72 0.73 0.00
HOLTSVILLE_IC_3 23692	29.67 0.95 -0.51	20.82 0.85 0.00	24.47 0.75 0.00	21.98 0.53 0.00	24.52 0.56 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.16 0.85 0.00	25.34 1.13 0.00	23.87 1.22 0.00	26.56 1.65 0.00	26.50 1.74 0.00	31.77 2.04 0.00	40.23 2.64 0.00	41.66 2.96 0.00	48.17 2.85 0.00	50.45 2.69 0.00	89.90 3.81 0.00	84.44 1.93 0.00	58.10 1.05 0.00	55.20 0.93 0.00	49.99 0.88 0.00	47.13 0.51 0.00	38.72 0.73 0.00
HOLTSVILLE_IC_4 23693	29.67 0.95 -0.51	20.82 0.85 0.00	24.47 0.75 0.00	21.98 0.53 0.00	24.52 0.56 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.16 0.85 0.00	25.34 1.13 0.00	23.87 1.22 0.00	26.56 1.65 0.00	26.50 1.74 0.00	31.77 2.04 0.00	40.23 2.64 0.00	41.66 2.96 0.00	48.17 2.85 0.00	50.45 2.69 0.00	89.90 3.81 0.00	84.44 1.93 0.00	58.10 1.05 0.00	55.20 0.93 0.00	49.99 0.88 0.00	47.13 0.51 0.00	38.72 0.73 0.00
HOLTSVILLE_IC_5 23694	29.67 0.95 -0.51	20.82 0.85 0.00	24.47 0.75 0.00	21.98 0.53 0.00	24.52 0.56 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.16 0.85 0.00	25.34 1.13 0.00	23.87 1.22 0.00	26.56 1.65 0.00	26.50 1.74 0.00	31.77 2.04 0.00	40.23 2.64 0.00	41.66 2.96 0.00	48.17 2.85 0.00	50.45 2.69 0.00	89.90 3.81 0.00	84.44 1.93 0.00	58.10 1.05 0.00	55.20 0.93 0.00	49.99 0.88 0.00	47.13 0.51 0.00	38.72 0.73 0.00
HOLTSVILLE_IC_6 23695	29.81 1.09 -0.51	20.91 0.95 0.00	24.58 0.85 0.00	22.07 0.62 0.00	24.62 0.66 0.00	23.95 0.77 -0.07	27.13 0.98 0.00	30.32 1.01 0.00	25.47 1.27 0.00	24.00 1.35 0.00	26.69 1.77 0.00	26.63 1.86 0.00	31.94 2.22 0.00	40.48 2.89 0.00	41.94 3.25 0.00	48.52 3.21 0.00	50.85 3.09 0.00	90.59 4.50 0.00	85.07 2.56 0.00	58.51 1.46 0.00	55.61 1.34 0.00	50.34 1.23 0.00	47.43 0.82 0.00	38.96 0.97 0.00
HOLTSVILLE_IC_7 23696	29.81 1.09 -0.51	20.91 0.95 0.00	24.58 0.85 0.00	22.07 0.62 0.00	24.62 0.66 0.00	23.95 0.77 -0.07	27.13 0.98 0.00	30.32 1.01 0.00	25.47 1.27 0.00	24.00 1.35 0.00	26.69 1.77 0.00	26.63 1.86 0.00	31.94 2.22 0.00	40.48 2.89 0.00	41.94 3.25 0.00	48.52 3.21 0.00	50.85 3.09 0.00	90.59 4.50 0.00	85.07 2.56 0.00	58.51 1.46 0.00	55.61 1.34 0.00	50.34 1.23 0.00	47.43 0.82 0.00	38.96 0.97 0.00
HOLTSVILLE_IC_8 23697	29.81 1.09 -0.51	20.91 0.95 0.00	24.58 0.85 0.00	22.07 0.62 0.00	24.62 0.66 0.00	23.95 0.77 -0.07	27.13 0.98 0.00	30.32 1.01 0.00	25.47 1.27 0.00	24.00 1.35 0.00	26.69 1.77 0.00	26.63 1.86 0.00	31.94 2.22 0.00	40.48 2.89 0.00	41.94 3.25 0.00	48.52 3.21 0.00	50.85 3.09 0.00	90.59 4.50 0.00	85.07 2.56 0.00	58.51 1.46 0.00	55.61 1.34 0.00	50.34 1.23 0.00	47.43 0.82 0.00	38.96 0.97 0.00
HOLTSVILLE_IC_9 23698	29.81 1.09 -0.51	20.91 0.95 0.00	24.58 0.85 0.00	22.07 0.62 0.00	24.62 0.66 0.00	23.95 0.77 -0.07	27.13 0.98 0.00	30.32 1.01 0.00	25.47 1.27 0.00	24.00 1.35 0.00	26.69 1.77 0.00	26.63 1.86 0.00	31.94 2.22 0.00	40.48 2.89 0.00	41.94 3.25 0.00	48.52 3.21 0.00	50.85 3.09 0.00	90.59 4.50 0.00	85.07 2.56 0.00	58.51 1.46 0.00	55.61 1.34 0.00	50.34 1.23 0.00	47.43 0.82 0.00	38.96 0.97 0.00
HOMER_HL_115KV_TB2 355744	29.68 0.47 -1.01	20.11 0.09 -0.06	24.66 0.31 -0.62	21.64 0.05 -0.14	25.06 0.44 -0.66	23.71 0.25 -0.34	27.34 0.14 -1.05	30.33 -0.04 -1.07	24.01 -0.42 -0.22	22.72 0.01 -0.07	25.27 0.16 -0.18	25.14 0.23 -0.14	30.51 0.41 -0.38	39.30 0.57 -1.14	39.95 -0.04 -1.30	46.95 -0.12 -1.75	49.61 -0.20 -2.05	89.78 -0.74 -4.43	83.19 -2.80 -3.48	58.40 -1.88 -3.22	55.41 -1.78 -2.92	49.79 -1.61 -2.29	47.67 -1.11 -2.16	38.69 -0.60 -1.30
HOWARD_WT_PWR 323690	30.25 0.77 -1.26	20.39 0.35 -0.07	25.08 0.57 -0.78	21.95 0.32 -0.17	25.48 0.69 -0.83	24.04 0.50 -0.43	27.97 0.50 -1.32	30.78 0.14 -1.34	24.07 -0.41 -0.28	22.40 -0.33 -0.08	24.85 -0.30 -0.23	24.44 -0.50 -0.18	29.77 -0.42 -0.47	38.55 -0.46 -1.43	39.61 -0.72 -1.63	46.79 -0.71 -2.19	49.33 -1.00 -2.57	90.72 -0.93 -5.55	86.14 -0.73 -4.36	60.70 -0.39 -4.04	57.40 -0.53 -3.66	51.46 -0.52 -2.87	48.53 -0.79 -2.70	38.75 -0.87 -1.63
HQ_GEN_CEDARS 23644	28.48 0.27 0.00	20.14 0.17 0.00	23.96 0.24 0.00	21.64 0.18 0.00	24.15 0.19 0.00	23.34 0.23 0.00	26.27 0.12 0.00	29.41 0.10 0.00	24.15 -0.05 0.00	22.59 -0.05 0.00	24.94 0.02 0.00	24.71 -0.06 0.00	29.75 0.03 0.00	37.64 0.06 0.00	38.67 -0.03 0.00	44.95 -0.37 0.00	47.76 0.00 0.00	86.54 0.44 0.00	83.66 1.15 0.00	58.19 1.13 0.00	55.66 1.40 0.00	50.09 0.99 0.00	47.83 1.21 0.00	39.01 1.02 0.00
HQ_GEN_CEDARS_PROXY 323590	28.48 0.27 0.00	20.14 0.17 0.00	23.96 0.24 0.00	21.64 0.18 0.00	24.15 0.19 0.00	23.34 0.23 0.00	26.27 0.12 0.00	29.41 0.10 0.00	24.15 -0.05 0.00	22.59 -0.05 0.00	24.94 0.02 0.00	24.64 -0.06 0.07	29.75 0.03 0.00	37.65 0.06 0.00	38.67 -0.03 0.00	44.95 -0.37 0.00	47.76 0.00 0.00	86.54 0.44 0.00	83.66 1.15 0.00	58.19 1.13 0.00	55.66 1.40 0.00	50.09 0.99 0.00	48.85 1.21 -1.02	38.02 1.02 1.00

HQ_GEN_IMPORT 323601	28.16 -0.05 0.00	19.92 -0.04 0.00	24.07 -0.04 -0.39	21.41 -0.05 0.00	23.89 -0.07 0.00	23.06 -0.06 0.00	26.05 -0.10 0.00	29.18 -0.13 0.00	24.12 -0.08 0.00	22.58 -0.06 0.00	24.97 -0.04 -0.10	24.68 -0.08 0.00	29.68 -0.04 0.00	37.50 -0.09 0.00	38.56 -0.13 0.00	45.21 -0.11 0.00	47.67 -0.09 0.00	85.89 -0.20 0.00	83.04 0.53 0.00	57.47 0.41 0.00	54.86 0.59 0.00	49.51 0.41 0.00	48.25 0.48 -1.16	36.42 0.42 2.00
HQ_GEN_WHEEL 23651	28.16 -0.05 0.00	19.92 -0.04 0.00	24.07 -0.04 -0.39	21.41 -0.05 0.00	23.89 -0.07 0.00	23.06 -0.06 0.00	26.05 -0.10 0.00	29.18 -0.13 0.00	24.12 -0.08 0.00	22.58 -0.06 0.00	24.97 -0.04 -0.10	24.68 -0.08 0.00	29.68 -0.04 0.00	37.50 -0.09 0.00	38.56 -0.13 0.00	45.21 -0.11 0.00	47.67 -0.09 0.00	85.89 -0.20 0.00	83.04 0.53 0.00	57.47 0.41 0.00	54.86 0.59 0.00	49.51 0.41 0.00	48.25 0.48 -1.16	36.42 0.42 2.00
HUDSON AVE_GT_3 23810	29.86 1.14 -0.51	20.83 0.86 0.00	24.57 0.85 0.00	22.26 0.81 0.00	24.82 0.86 0.00	24.13 0.95 -0.07	27.37 1.22 0.00	30.82 1.51 0.00	25.75 1.55 0.00	24.24 1.60 0.00	26.81 1.90 0.00	26.86 2.10 0.00	32.12 2.40 0.00	40.60 3.01 0.00	41.89 3.20 0.00	48.77 3.45 0.00	51.29 3.54 0.00	92.24 6.15 0.00	86.82 4.31 0.00	59.67 2.62 0.00	56.43 2.16 0.00	51.30 2.19 0.00	48.40 1.79 0.00	39.37 1.38 0.00
HUDSON AVE_GT_4 23540	29.86 1.14 -0.51	20.83 0.86 0.00	24.57 0.85 0.00	22.26 0.81 0.00	24.82 0.86 0.00	24.13 0.95 -0.07	27.37 1.22 0.00	30.82 1.51 0.00	25.75 1.55 0.00	24.24 1.60 0.00	26.81 1.90 0.00	26.86 2.10 0.00	32.12 2.40 0.00	40.60 3.01 0.00	41.89 3.20 0.00	48.77 3.45 0.00	51.29 3.54 0.00	92.24 6.15 0.00	86.82 4.31 0.00	59.67 2.62 0.00	56.43 2.16 0.00	51.30 2.19 0.00	48.40 1.79 0.00	39.37 1.38 0.00
HUDSON AVE_GT_5 23657	29.86 1.14 -0.51	20.83 0.86 0.00	24.57 0.85 0.00	22.26 0.81 0.00	24.82 0.86 0.00	24.13 0.95 -0.07	27.37 1.22 0.00	30.82 1.51 0.00	25.75 1.55 0.00	24.24 1.60 0.00	26.81 1.90 0.00	26.86 2.10 0.00	32.12 2.40 0.00	40.60 3.01 0.00	41.89 3.20 0.00	48.77 3.45 0.00	51.29 3.54 0.00	92.24 6.15 0.00	86.82 4.31 0.00	59.67 2.62 0.00	56.43 2.16 0.00	51.30 2.19 0.00	48.40 1.79 0.00	39.37 1.38 0.00
HUDSON_AVE_10 24168	29.72 0.99 -0.51	20.73 0.77 0.00	24.47 0.74 0.00	22.18 0.73 0.00	24.72 0.76 0.00	24.05 0.87 -0.07	27.25 1.11 0.00	30.69 1.38 0.00	25.64 1.43 0.00	24.14 1.50 0.00	26.71 1.79 0.00	26.75 1.98 0.00	31.97 2.25 0.00	40.41 2.82 0.00	41.69 3.00 0.00	48.53 3.21 0.00	51.05 3.30 0.00	91.82 5.73 0.00	86.43 3.92 0.00	59.38 2.33 0.00	56.16 1.89 0.00	51.06 1.96 0.00	48.18 1.56 0.00	39.17 1.18 0.00
HUDSON___115KV_TB 4 355613	28.61 0.61 0.22	20.47 0.50 0.00	24.29 0.57 0.00	22.06 0.61 0.00	24.52 0.56 0.00	23.65 0.57 0.03	26.78 0.63 0.00	30.06 0.75 0.00	24.73 0.53 0.00	22.92 0.27 0.00	25.07 0.15 0.00	24.90 0.13 0.00	29.69 -0.03 0.00	37.55 -0.04 0.00	38.72 0.03 0.00	45.26 -0.06 0.00	27.38 -0.01 20.36	83.55 0.12 2.66	82.82 0.31 0.00	57.42 0.37 0.00	54.52 0.24 0.00	49.38 0.28 0.00	46.69 0.07 0.00	38.14 0.15 0.00
HUNTER MOUNT___DRP 323613	28.78 0.70 0.13	20.51 0.54 0.00	24.35 0.63 0.00	22.12 0.66 0.00	24.59 0.63 0.00	23.73 0.64 0.02	26.88 0.73 0.00	30.20 0.89 0.00	24.83 0.62 0.00	22.97 0.33 0.00	25.08 0.16 0.00	24.87 0.10 0.00	29.66 -0.07 0.00	37.53 -0.06 0.00	38.69 0.00 0.00	45.25 -0.07 0.00	18.15 0.05 29.65	82.52 0.30 3.87	83.07 0.56 0.00	57.59 0.54 0.00	54.71 0.44 0.00	49.51 0.41 0.00	46.79 0.17 0.00	38.16 0.17 0.00
HUNTINGTON_RES_REC 323705	29.72 0.99 -0.51	20.83 0.86 0.00	24.47 0.75 0.00	22.03 0.57 0.00	24.57 0.62 0.00	23.92 0.74 -0.07	27.07 0.92 0.00	30.19 0.88 0.00	25.37 1.17 0.00	23.91 1.27 0.00	26.64 1.72 0.00	26.61 1.84 0.00	31.93 2.20 0.00	40.43 2.84 0.00	41.85 3.15 0.00	48.32 3.00 0.00	50.54 2.78 0.00	90.14 4.05 0.00	84.63 2.12 0.00	58.20 1.15 0.00	55.28 1.01 0.00	50.08 0.98 0.00	47.26 0.64 0.00	38.86 0.87 0.00
HUNTLEY___63 23557	29.57 0.40 -0.96	20.16 0.14 -0.05	24.65 0.33 -0.59	21.73 0.15 -0.13	25.03 0.43 -0.64	23.67 0.23 -0.33	27.03 -0.13 -1.01	29.64 -0.69 -1.02	23.43 -0.99 -0.21	22.25 -0.46 -0.06	24.75 -0.34 -0.18	24.44 -0.46 -0.14	29.73 -0.35 -0.36	38.33 -0.35 -1.09	39.33 -0.61 -1.25	46.65 -0.34 -1.67	49.23 -0.49 -1.96	88.92 -1.41 -4.24	82.88 -2.95 -3.32	58.07 -2.06 -3.08	55.13 -1.93 -2.79	49.07 -2.22 -2.19	47.13 -1.54 -2.06	38.77 -0.47 -1.24
HUNTLEY___64 23558	29.57 0.40 -0.96	20.16 0.14 -0.05	24.65 0.33 -0.59	21.73 0.15 -0.13	25.03 0.43 -0.64	23.67 0.23 -0.33	27.03 -0.13 -1.01	29.64 -0.69 -1.02	23.43 -0.99 -0.21	22.25 -0.46 -0.06	24.75 -0.34 -0.18	24.44 -0.46 -0.14	29.73 -0.35 -0.36	38.33 -0.35 -1.09	39.33 -0.61 -1.25	46.65 -0.34 -1.67	49.23 -0.49 -1.96	88.92 -1.41 -4.24	82.88 -2.95 -3.32	58.07 -2.06 -3.08	55.13 -1.93 -2.79	49.07 -2.22 -2.19	47.13 -1.54 -2.06	38.77 -0.47 -1.24
HUNTLEY___65 23559	29.57 0.40 -0.96	20.16 0.14 -0.05	24.65 0.33 -0.59	21.73 0.15 -0.13	25.03 0.43 -0.64	23.67 0.23 -0.33	27.03 -0.13 -1.01	29.64 -0.69 -1.02	23.43 -0.99 -0.21	22.25 -0.46 -0.06	24.75 -0.34 -0.18	24.44 -0.46 -0.14	29.73 -0.35 -0.36	38.33 -0.35 -1.09	39.33 -0.61 -1.25	46.65 -0.34 -1.67	49.23 -0.49 -1.96	88.92 -1.41 -4.24	82.88 -2.95 -3.32	58.07 -2.06 -3.08	55.13 -1.93 -2.79	49.07 -2.22 -2.19	47.13 -1.54 -2.06	38.77 -0.47 -1.24
HUNTLEY___66 23560	29.57 0.40 -0.96	20.16 0.14 -0.05	24.65 0.33 -0.59	21.73 0.15 -0.13	25.03 0.43 -0.64	23.67 0.23 -0.33	27.03 -0.13 -1.01	29.64 -0.69 -1.02	23.43 -0.99 -0.21	22.25 -0.46 -0.06	24.75 -0.34 -0.18	24.44 -0.46 -0.14	29.73 -0.35 -0.36	38.33 -0.35 -1.09	39.33 -0.61 -1.25	46.65 -0.34 -1.67	49.23 -0.49 -1.96	88.92 -1.41 -4.24	82.88 -2.95 -3.32	58.07 -2.06 -3.08	55.13 -1.93 -2.79	49.07 -2.22 -2.19	47.13 -1.54 -2.06	38.77 -0.47 -1.24
HUNTLEY___67 23561	29.41 0.23 -0.96	20.02 0.00 -0.05	24.50 0.18 -0.60	21.59 0.01 -0.13	24.88 0.29 -0.64	23.54 0.11 -0.33	26.93 -0.23 -1.01	29.56 -0.77 -1.02	23.36 -1.06 -0.22	22.18 -0.53 -0.06	24.68 -0.42 -0.18	24.36 -0.54 -0.14	29.64 -0.45 -0.36	38.17 -0.51 -1.09	39.17 -0.77 -1.25	46.54 -0.46 -1.68	49.16 -0.56 -1.97	89.10 -1.24 -4.25	83.05 -2.79 -3.33	58.16 -1.98 -3.09	55.23 -1.83 -2.80	49.14 -2.16 -2.20	47.00 -1.69 -2.07	38.48 -0.76 -1.25
HUNTLEY___68 23562	29.41 0.23 -0.96	20.02 0.00 -0.05	24.50 0.18 -0.60	21.59 0.01 -0.13	24.88 0.29 -0.64	23.54 0.11 -0.33	26.93 -0.23 -1.01	29.56 -0.77 -1.02	23.36 -1.06 -0.22	22.18 -0.53 -0.06	24.68 -0.42 -0.18	24.36 -0.54 -0.14	29.64 -0.45 -0.36	38.17 -0.51 -1.09	39.17 -0.77 -1.25	46.54 -0.46 -1.68	49.16 -0.56 -1.97	89.10 -1.24 -4.25	83.05 -2.79 -3.33	58.16 -1.98 -3.09	55.23 -1.83 -2.80	49.14 -2.16 -2.20	47.00 -1.69 -2.07	38.48 -0.76 -1.25



HYLAND___LFGE 323620	30.96 1.65 -1.10	21.02 0.99 -0.06	25.70 1.29 -0.68	22.62 1.02 -0.15	26.07 1.39 -0.73	24.80 1.32 -0.37	28.90 1.60 -1.15	31.98 1.51 -1.17	24.88 0.44 -0.24	22.82 0.11 -0.07	25.33 0.21 -0.20	25.03 0.11 -0.15	30.45 0.31 -0.41	39.34 0.50 -1.24	40.59 0.47 -1.42	48.07 0.84 -1.91	50.87 0.87 -2.24	93.06 2.13 -4.84	89.99 3.68 -3.80	63.74 3.16 -3.52	60.46 3.00 -3.18	53.81 2.20 -2.50	50.91 1.94 -2.35	40.96 1.55 -1.42
INDECK___CORINTH 23802	28.82 1.08 0.46	20.82 0.85 0.00	24.65 0.93 0.00	22.38 0.92 0.00	24.90 0.94 0.00	23.89 0.85 0.07	27.36 1.21 0.00	30.65 1.34 0.00	25.13 0.92 0.00	23.32 0.67 0.00	25.36 0.44 0.00	25.12 0.36 0.00	30.12 0.40 0.00	38.10 0.52 0.00	39.31 0.62 0.00	46.31 0.99 0.00	49.17 1.41 0.00	89.39 3.30 0.00	85.81 3.30 0.00	59.49 2.43 0.00	56.48 2.21 0.00	51.07 1.97 0.00	48.04 1.43 0.00	39.00 1.01 0.00
INDECK___ILION 23567	28.49 0.27 0.00	20.18 0.21 0.00	23.99 0.26 0.00	21.73 0.28 0.00	24.24 0.28 0.00	23.41 0.30 0.00	26.55 0.40 0.00	29.77 0.47 0.00	24.40 0.20 0.00	22.74 0.09 0.00	24.87 -0.04 0.00	24.77 0.00 0.00	29.66 -0.06 0.00	37.52 -0.07 0.00	38.63 -0.06 0.00	45.22 -0.10 0.00	47.69 -0.07 0.00	86.53 0.44 0.00	82.85 0.34 0.00	57.45 0.39 0.00	54.51 0.24 0.00	49.42 0.32 0.00	46.76 0.14 0.00	38.04 0.05 0.00
INDECK___OLEAN 23982	29.68 0.47 -1.01	20.11 0.08 -0.06	24.66 0.31 -0.62	21.64 0.05 -0.14	25.06 0.44 -0.66	23.71 0.25 -0.34	27.33 0.13 -1.05	30.32 -0.06 -1.07	24.01 -0.42 -0.22	22.72 0.01 -0.07	25.26 0.16 -0.18	25.15 0.24 -0.14	30.50 0.40 -0.38	39.30 0.57 -1.14	39.95 -0.05 -1.30	46.95 -0.12 -1.75	49.61 -0.20 -2.05	89.78 -0.74 -4.43	83.17 -2.82 -3.48	58.38 -1.90 -3.22	55.38 -1.80 -2.92	49.76 -1.63 -2.29	47.66 -1.12 -2.16	38.69 -0.61 -1.30
INDECK___OSWEGO 23783	31.92 -0.43 -4.15	19.86 -0.34 -0.23	25.91 -0.39 -2.57	21.63 -0.38 -0.56	26.33 -0.37 -2.74	24.16 -0.36 -1.42	30.12 -0.38 -4.35	33.26 -0.46 -4.40	24.61 -0.51 -0.92	22.38 -0.53 -0.27	25.05 -0.64 -0.76	24.59 -0.76 -0.58	30.31 -0.97 -1.55	41.14 -1.15 -4.70	42.91 -1.16 -5.38	51.19 -1.33 -7.21	54.89 -1.33 -8.47	102.21 -2.16 -18.28	94.57 -2.28 -14.34	68.82 -1.54 -13.30	64.76 -1.55 -12.03	57.19 -1.38 -9.46	54.19 -1.32 -8.90	42.24 -1.12 -5.36
INDECK___YERKES 23781	29.60 0.43 -0.96	20.17 0.15 -0.05	24.67 0.36 -0.59	21.75 0.17 -0.13	25.05 0.46 -0.64	23.69 0.25 -0.33	27.05 -0.11 -1.01	29.65 -0.68 -1.02	23.45 -0.97 -0.21	22.27 -0.44 -0.06	24.77 -0.33 -0.18	24.47 -0.44 -0.14	29.74 -0.34 -0.36	38.37 -0.31 -1.09	39.35 -0.59 -1.25	46.67 -0.32 -1.67	49.21 -0.51 -1.96	88.88 -1.45 -4.24	82.83 -3.00 -3.32	58.04 -2.09 -3.08	55.07 -1.99 -2.79	49.03 -2.27 -2.19	47.14 -1.54 -2.06	38.80 -0.44 -1.24
INDIAN POINT_GT_1 24139	29.69 0.98 -0.50	20.70 0.73 0.00	24.43 0.71 0.00	22.11 0.66 0.00	24.66 0.69 0.00	23.95 0.77 -0.07	27.14 0.99 0.00	30.54 1.23 0.00	25.47 1.27 0.00	23.94 1.30 0.00	26.46 1.54 0.00	26.46 1.70 0.00	31.66 1.93 0.00	40.05 2.46 0.00	41.32 2.62 0.00	48.14 2.82 0.00	50.63 2.88 0.00	91.09 4.99 0.00	85.91 3.40 0.00	59.10 2.05 0.00	55.92 1.65 0.00	50.84 1.74 0.00	47.99 1.37 0.00	39.03 1.04 0.00
INDIAN POINT_GT_2 23659	29.69 0.98 -0.50	20.70 0.73 0.00	24.43 0.71 0.00	22.11 0.66 0.00	24.66 0.69 0.00	23.95 0.77 -0.07	27.14 0.99 0.00	30.54 1.23 0.00	25.47 1.27 0.00	23.94 1.30 0.00	26.46 1.54 0.00	26.46 1.70 0.00	31.66 1.93 0.00	40.05 2.46 0.00	41.32 2.62 0.00	48.14 2.82 0.00	50.63 2.88 0.00	91.09 4.99 0.00	85.91 3.40 0.00	59.10 2.05 0.00	55.92 1.65 0.00	50.84 1.74 0.00	47.99 1.37 0.00	39.03 1.04 0.00
INDIAN POINT_GT_3 24019	29.69 0.98 -0.50	20.70 0.73 0.00	24.43 0.71 0.00	22.11 0.66 0.00	24.66 0.69 0.00	23.95 0.77 -0.07	27.14 0.99 0.00	30.54 1.23 0.00	25.47 1.27 0.00	23.94 1.30 0.00	26.46 1.54 0.00	26.46 1.70 0.00	31.66 1.93 0.00	40.05 2.46 0.00	41.32 2.62 0.00	48.14 2.82 0.00	50.63 2.88 0.00	91.09 4.99 0.00	85.91 3.40 0.00	59.10 2.05 0.00	55.92 1.65 0.00	50.84 1.74 0.00	47.99 1.37 0.00	39.03 1.04 0.00
INDIAN POINT___2 23530	29.76 1.04 -0.51	20.75 0.78 0.00	24.49 0.76 0.00	22.16 0.71 0.00	24.70 0.74 0.00	24.00 0.82 -0.07	27.21 1.06 0.00	30.62 1.31 0.00	25.56 1.35 0.00	24.03 1.39 0.00	26.56 1.64 0.00	26.59 1.82 0.00	31.80 2.08 0.00	40.21 2.62 0.00	41.49 2.80 0.00	48.31 2.99 0.00	50.80 3.05 0.00	91.35 5.25 0.00	86.08 3.57 0.00	59.22 2.16 0.00	56.04 1.77 0.00	50.93 1.83 0.00	48.08 1.46 0.00	39.13 1.13 0.00
INDIAN POINT___3 23531	29.61 0.92 -0.48	20.64 0.68 0.00	24.39 0.67 0.00	22.06 0.60 0.00	24.62 0.66 0.00	23.91 0.73 -0.07	27.08 0.93 0.00	30.48 1.17 0.00	25.40 1.19 0.00	23.86 1.22 0.00	26.38 1.46 0.00	26.39 1.62 0.00	31.59 1.86 0.00	39.95 2.36 0.00	41.21 2.52 0.00	48.01 2.69 0.00	50.49 2.73 0.00	90.82 4.73 0.00	85.63 3.12 0.00	58.92 1.86 0.00	55.73 1.46 0.00	50.71 1.61 0.00	47.89 1.27 0.00	38.95 0.96 0.00
INGHAM_C_115KV_TB7 356103	28.68 0.47 0.00	20.34 0.38 0.00	24.17 0.45 0.00	21.94 0.48 0.00	24.45 0.49 0.00	23.64 0.53 0.00	26.88 0.73 0.00	30.14 0.83 0.00	24.45 0.25 0.00	22.67 0.03 0.00	24.60 -0.32 0.00	24.56 -0.21 0.00	29.35 -0.37 0.00	37.12 -0.47 0.00	38.24 -0.45 0.00	44.77 -0.55 0.00	47.30 -0.46 0.00	86.52 0.43 0.00	83.02 0.52 0.00	57.79 0.74 0.00	54.79 0.52 0.00	49.73 0.63 0.00	46.87 0.25 0.00	38.06 0.07 0.00
IP CORINTH___1 23988	28.98 1.23 0.46	20.92 0.96 0.00	24.78 1.05 0.00	22.49 1.03 0.00	25.03 1.07 0.00	24.01 0.97 0.07	27.51 1.36 0.00	30.82 1.51 0.00	25.27 1.07 0.00	23.45 0.81 0.00	25.51 0.59 0.00	25.27 0.50 0.00	30.30 0.57 0.00	38.33 0.74 0.00	39.54 0.85 0.00	46.58 1.26 0.00	49.45 1.69 0.00	89.87 3.77 0.00	86.27 3.76 0.00	59.82 2.76 0.00	56.79 2.53 0.00	51.35 2.24 0.00	48.31 1.69 0.00	39.22 1.23 0.00
IP___TICONDEROGA 23804	30.61 2.87 0.47	22.13 2.16 0.00	26.19 2.47 0.00	23.78 2.33 0.00	26.46 2.50 0.00	25.20 2.16 0.07	29.30 3.15 0.00	32.86 3.55 0.00	26.74 2.54 0.00	24.79 2.15 0.00	26.68 1.77 0.00	26.31 1.54 0.00	31.60 1.87 0.00	39.87 2.28 0.00	41.04 2.35 0.00	48.51 3.19 0.00	51.71 3.95 0.00	93.71 7.62 0.00	90.66 8.15 0.00	63.38 6.33 0.00	60.48 6.21 0.00	54.71 5.60 0.00	50.78 4.16 0.00	41.19 3.20 0.00
ISLIP_RES_REC 323679	29.96 1.24 -0.51	21.02 1.05 0.00	24.69 0.97 0.00	22.16 0.71 0.00	24.72 0.76 0.00	24.05 0.87 -0.07	27.24 1.09 0.00	30.46 1.15 0.00	25.59 1.39 0.00	24.12 1.48 0.00	26.82 1.90 0.00	26.75 1.99 0.00	32.10 2.38 0.00	40.71 3.12 0.00	42.20 3.50 0.00	48.87 3.55 0.00	51.20 3.45 0.00	91.21 5.12 0.00	85.65 3.14 0.00	58.90 1.85 0.00	55.97 1.70 0.00	50.62 1.52 0.00	47.68 1.07 0.00	39.15 1.16 0.00

JAMAICA__27_KV_LOAD 355505	29.79 1.07 -0.51	20.81 0.84 0.00	24.59 0.86 0.00	22.31 0.86 0.00	24.85 0.89 0.00	24.20 1.02 -0.07	27.39 1.24 0.00	30.83 1.52 0.00	25.75 1.55 0.00	24.26 1.62 0.00	26.83 1.92 0.00	26.88 2.11 0.00	32.05 2.33 0.00	40.51 2.92 0.00	41.80 3.11 0.00	48.71 3.39 0.00	51.24 3.49 0.00	92.17 6.08 0.00	86.83 4.32 0.00	59.65 2.60 0.00	56.42 2.16 0.00	51.31 2.21 0.00	48.38 1.76 0.00	39.29 1.30 0.00
JANIS__SOLAR 323808	30.68 1.09 -1.37	20.74 0.69 -0.08	25.44 0.87 -0.85	22.36 0.72 -0.19	25.84 0.98 -0.91	24.51 0.94 -0.47	28.80 1.21 -1.44	32.05 1.29 -1.45	25.09 0.58 -0.30	23.01 0.27 -0.09	25.37 0.20 -0.25	25.09 0.13 -0.19	30.46 0.22 -0.51	39.51 0.37 -1.55	40.73 0.26 -1.78	48.10 0.40 -2.38	51.33 0.77 -2.80	94.68 2.55 -6.04	90.29 3.04 -4.74	63.92 2.47 -4.40	60.54 2.29 -3.98	54.14 1.91 -3.13	51.17 1.61 -2.94	40.90 1.14 -1.77
JARVIS____ 23743	28.30 0.09 0.00	20.04 0.08 0.00	23.81 0.09 0.00	21.54 0.09 0.00	24.06 0.10 0.00	23.21 0.09 0.00	26.28 0.13 0.00	29.46 0.15 0.00	24.32 0.11 0.00	22.73 0.08 0.00	24.99 0.07 0.00	24.85 0.08 0.00	29.79 0.06 0.00	37.69 0.10 0.00	38.81 0.11 0.00	45.42 0.10 0.00	47.86 0.10 0.00	86.33 0.24 0.00	82.53 0.02 0.00	57.05 0.00 0.00	54.20 -0.07 0.00	49.09 -0.01 0.00	46.59 -0.02 0.00	37.95 -0.04 0.00
JENNISON____1 23625	30.37 1.12 -1.03	20.77 0.75 -0.06	25.31 0.94 -0.64	22.38 0.79 -0.14	25.70 1.06 -0.68	24.46 1.00 -0.35	28.48 1.25 -1.08	31.74 1.33 -1.10	25.20 0.76 -0.23	23.36 0.65 -0.07	25.80 0.70 -0.19	25.57 0.66 -0.14	30.93 0.82 -0.39	39.85 1.09 -1.17	40.94 0.91 -1.34	48.12 1.01 -1.80	51.12 1.25 -2.11	93.74 3.10 -4.56	89.04 2.96 -3.57	62.40 2.03 -3.31	59.35 2.08 -3.00	53.45 1.99 -2.36	50.55 1.71 -2.22	40.55 1.23 -1.34
JENNISON____2 23626	30.37 1.12 -1.03	20.77 0.75 -0.06	25.31 0.94 -0.64	22.38 0.79 -0.14	25.70 1.06 -0.68	24.46 1.00 -0.35	28.48 1.25 -1.08	31.74 1.33 -1.10	25.20 0.76 -0.23	23.36 0.65 -0.07	25.80 0.70 -0.19	25.57 0.66 -0.14	30.93 0.82 -0.39	39.85 1.09 -1.17	40.94 0.91 -1.34	48.12 1.01 -1.80	51.12 1.25 -2.11	93.74 3.10 -4.56	89.04 2.96 -3.57	62.40 2.03 -3.31	59.35 2.08 -3.00	53.45 1.99 -2.36	50.55 1.71 -2.22	40.55 1.23 -1.34
JERICOHO_RISE_WT_PWR 323719	28.81 0.60 0.00	20.40 0.44 0.00	24.13 0.40 0.00	21.74 0.29 0.00	24.10 0.14 0.00	23.32 0.21 0.00	26.34 0.19 0.00	29.39 0.08 0.00	24.22 0.02 0.00	22.64 0.00 0.00	24.84 -0.08 0.00	24.94 0.18 0.00	29.89 0.17 0.00	37.36 -0.22 0.00	38.07 -0.63 0.00	44.94 -0.38 0.00	47.08 -0.68 0.00	84.87 -1.22 0.00	82.88 0.37 0.00	57.41 0.36 0.00	55.07 0.81 0.00	49.77 0.67 0.00	47.64 1.02 0.00	39.07 1.08 0.00
KATONAH__115KV_46KV_TB4 355592	29.81 1.08 -0.52	20.77 0.80 0.00	24.52 0.79 0.00	22.19 0.74 0.00	24.74 0.78 0.00	24.02 0.84 -0.07	27.23 1.08 0.00	30.65 1.34 0.00	25.55 1.35 0.00	24.01 1.37 0.00	26.53 1.61 0.00	26.54 1.77 0.00	31.76 2.04 0.00	40.17 2.58 0.00	41.46 2.77 0.00	48.33 3.01 0.00	50.85 3.10 0.00	91.44 5.35 0.00	86.26 3.75 0.00	59.38 2.33 0.00	56.18 1.91 0.00	51.01 1.91 0.00	48.14 1.52 0.00	39.16 1.17 0.00
KCE_NY_1 323755	28.90 1.15 0.46	20.84 0.87 0.00	24.69 0.96 0.00	22.39 0.94 0.00	24.96 1.00 0.00	24.00 0.96 0.07	27.40 1.25 0.00	30.74 1.43 0.00	25.30 1.09 0.00	23.53 0.88 0.00	25.71 0.79 0.00	25.52 0.75 0.00	30.58 0.85 0.00	38.64 1.05 0.00	39.89 1.20 0.00	46.88 1.56 0.00	49.55 1.79 0.00	89.83 3.74 0.00	86.01 3.50 0.00	59.50 2.45 0.00	56.47 2.20 0.00	51.08 1.97 0.00	48.24 1.63 0.00	39.18 1.19 0.00
KCE_NY_6_ESR 323823	29.70 0.51 -0.98	20.19 0.17 -0.05	24.73 0.40 -0.61	21.76 0.17 -0.13	25.09 0.48 -0.65	23.75 0.31 -0.33	27.22 0.04 -1.03	29.91 -0.44 -1.04	23.64 -0.78 -0.22	22.41 -0.30 -0.06	24.94 -0.16 -0.18	24.62 -0.28 -0.14	29.95 -0.14 -0.37	38.58 -0.12 -1.11	39.58 -0.38 -1.27	47.02 0.00 -1.70	49.66 -0.10 -2.00	90.20 -0.21 -4.32	84.17 -1.73 -3.39	58.96 -1.24 -3.14	55.94 -1.18 -2.84	49.71 -1.62 -2.24	47.50 -1.21 -2.10	38.83 -0.43 -1.27
KEDC_PORT_JEFF_GT2 24210	29.77 1.05 -0.51	20.88 0.92 0.00	24.54 0.82 0.00	22.05 0.59 0.00	24.60 0.64 0.00	23.93 0.75 -0.07	27.10 0.95 0.00	30.28 0.97 0.00	25.43 1.23 0.00	23.96 1.32 0.00	26.66 1.75 0.00	26.60 1.84 0.00	31.91 2.19 0.00	40.43 2.84 0.00	41.88 3.19 0.00	48.46 3.14 0.00	50.74 2.99 0.00	89.99 3.90 0.00	84.50 2.00 0.00	58.11 1.06 0.00	55.46 1.19 0.00	50.25 1.15 0.00	47.36 0.74 0.00	38.90 0.91 0.00
KEDC_PORT_JEFF_GT3 24211	29.77 1.05 -0.51	20.88 0.92 0.00	24.54 0.82 0.00	22.05 0.59 0.00	24.60 0.64 0.00	23.93 0.75 -0.07	27.10 0.95 0.00	30.28 0.97 0.00	25.43 1.23 0.00	23.96 1.32 0.00	26.66 1.75 0.00	26.60 1.84 0.00	31.91 2.19 0.00	40.43 2.84 0.00	41.88 3.19 0.00	48.46 3.14 0.00	50.74 2.99 0.00	89.99 3.90 0.00	84.50 2.00 0.00	58.11 1.06 0.00	55.46 1.19 0.00	50.25 1.15 0.00	47.36 0.74 0.00	38.90 0.91 0.00
KEDC_GLWD_GT4 24219	29.90 1.18 -0.51	20.87 0.90 0.00	24.58 0.86 0.00	22.22 0.77 0.00	24.79 0.83 0.00	24.09 0.91 -0.07	27.30 1.15 0.00	30.62 1.31 0.00	25.62 1.42 0.00	24.12 1.48 0.00	26.74 1.82 0.00	26.77 2.01 0.00	32.08 2.36 0.00	40.57 2.98 0.00	41.78 3.09 0.00	48.39 3.07 0.00	50.85 3.09 0.00	91.22 5.13 0.00	85.78 3.27 0.00	59.03 1.97 0.00	55.86 1.60 0.00	50.71 1.61 0.00	47.90 1.29 0.00	39.32 1.32 0.00
KEDC_GLWD_GT5 24220	29.90 1.18 -0.51	20.87 0.90 0.00	24.58 0.86 0.00	22.22 0.77 0.00	24.79 0.83 0.00	24.09 0.91 -0.07	27.30 1.15 0.00	30.62 1.31 0.00	25.62 1.42 0.00	24.12 1.48 0.00	26.74 1.82 0.00	26.77 2.01 0.00	32.08 2.36 0.00	40.57 2.98 0.00	41.78 3.09 0.00	48.39 3.07 0.00	50.85 3.09 0.00	91.22 5.13 0.00	85.78 3.27 0.00	59.03 1.97 0.00	55.86 1.60 0.00	50.71 1.61 0.00	47.90 1.29 0.00	39.32 1.32 0.00
KENSICO____ 23655	29.76 1.04 -0.51	20.74 0.78 0.00	24.48 0.76 0.00	22.16 0.71 0.00	24.70 0.75 0.00	24.00 0.82 -0.07	27.20 1.05 0.00	30.61 1.30 0.00	25.54 1.34 0.00	24.01 1.37 0.00	26.55 1.63 0.00	26.56 1.80 0.00	31.77 2.05 0.00	40.18 2.59 0.00	41.46 2.77 0.00	48.28 2.96 0.00	50.78 3.02 0.00	91.32 5.23 0.00	86.07 3.56 0.00	59.21 2.15 0.00	56.02 1.75 0.00	50.92 1.82 0.00	48.07 1.46 0.00	39.11 1.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.57 1.06 -0.29	20.72 0.75 0.00	24.50 0.78 0.00	22.16 0.70 0.00	24.75 0.79 0.00	24.01 0.86 -0.04	27.25 1.10 0.00	30.66 1.35 0.00	25.48 1.28 0.00	23.84 1.20 0.00	26.28 1.37 0.00	26.25 1.48 0.00	31.37 1.64 0.00	39.69 2.10 0.00	40.99 2.30 0.00	47.91 2.59 0.00	46.57 2.83 4.02	90.89 5.32 0.53	86.60 4.09 0.00	59.71 2.66 0.00	56.51 2.24 0.00	51.26 2.15 0.00	48.35 1.74 0.00	39.27 1.28 0.00

KIAC_JFK_GT1 23816	29.63 0.91 -0.51	20.69 0.73 0.00	24.45 0.73 0.00	22.19 0.74 0.00	24.72 0.76 0.00	24.07 0.89 -0.07	27.20 1.06 0.00	30.55 1.24 0.00	25.53 1.33 0.00	24.04 1.40 0.00	26.63 1.71 0.00	26.66 1.90 0.00	31.77 2.04 0.00	40.15 2.56 0.00	41.44 2.75 0.00	48.26 2.94 0.00	50.77 3.01 0.00	91.28 5.18 0.00	85.96 3.45 0.00	59.04 1.99 0.00	55.85 1.58 0.00	50.81 1.71 0.00	47.92 1.30 0.00	38.93 0.94 0.00
KIAC_JFK_GT2 23817	29.63 0.91 -0.51	20.69 0.73 0.00	24.45 0.73 0.00	22.19 0.74 0.00	24.72 0.76 0.00	24.07 0.89 -0.07	27.20 1.06 0.00	30.55 1.24 0.00	25.53 1.33 0.00	24.04 1.40 0.00	26.63 1.71 0.00	26.66 1.90 0.00	31.77 2.04 0.00	40.15 2.56 0.00	41.44 2.75 0.00	48.26 2.94 0.00	50.77 3.01 0.00	91.28 5.18 0.00	85.96 3.45 0.00	59.04 1.99 0.00	55.85 1.58 0.00	50.81 1.71 0.00	47.92 1.30 0.00	38.93 0.94 0.00
KIAC_JFK____ 323774	29.63 0.91 -0.51	20.69 0.73 0.00	24.45 0.73 0.00	22.19 0.74 0.00	24.72 0.76 0.00	24.07 0.89 -0.07	27.21 1.06 0.00	30.55 1.25 0.00	25.53 1.32 0.00	24.04 1.40 0.00	26.62 1.71 0.00	26.66 1.90 0.00	31.77 2.04 0.00	40.15 2.56 0.00	41.44 2.75 0.00	48.26 2.94 0.00	50.77 3.01 0.00	91.28 5.19 0.00	85.95 3.45 0.00	59.04 1.99 0.00	55.85 1.58 0.00	50.81 1.71 0.00	47.92 1.30 0.00	38.93 0.94 0.00
KINTIGH__24_KV_GSU 356498	29.30 0.18 -0.91	19.99 -0.03 -0.05	24.42 0.13 -0.56	21.57 -0.01 -0.12	24.80 0.24 -0.60	23.52 0.09 -0.31	26.88 -0.22 -0.95	29.57 -0.71 -0.96	23.46 -0.94 -0.20	22.24 -0.47 -0.06	24.72 -0.36 -0.17	24.45 -0.44 -0.13	29.68 -0.38 -0.34	38.20 -0.42 -1.03	39.22 -0.65 -1.18	46.51 -0.38 -1.58	49.13 -0.48 -1.85	89.01 -1.08 -4.00	83.13 -2.52 -3.14	58.17 -1.79 -2.91	55.24 -1.67 -2.63	49.25 -1.92 -2.07	47.10 -1.47 -1.95	38.48 -0.69 -1.17
KINTIGH____ 23543	29.28 0.16 -0.91	19.98 -0.03 -0.05	24.40 0.12 -0.56	21.55 -0.02 -0.12	24.78 0.23 -0.60	23.49 0.07 -0.31	26.87 -0.23 -0.95	29.56 -0.71 -0.96	23.45 -0.95 -0.20	22.23 -0.47 -0.06	24.71 -0.38 -0.17	24.43 -0.47 -0.13	29.67 -0.39 -0.34	38.17 -0.45 -1.03	39.20 -0.67 -1.18	46.49 -0.41 -1.58	49.11 -0.50 -1.85	88.96 -1.13 -4.00	83.10 -2.55 -3.14	58.15 -1.81 -2.91	55.23 -1.67 -2.63	49.25 -1.93 -2.07	47.08 -1.49 -1.95	38.45 -0.71 -1.17
KNTFSRNC_46_KV_46KV_LOAD 80397	29.43 1.21 0.00	20.84 0.88 0.00	24.60 0.88 0.00	22.18 0.73 0.00	24.50 0.54 0.00	23.73 0.61 0.00	26.87 0.72 0.00	29.96 0.65 0.00	24.61 0.40 0.00	22.92 0.27 0.00	25.09 0.16 0.00	25.34 0.57 0.00	30.34 0.61 0.00	37.74 0.15 0.00	38.28 -0.42 0.00	45.36 0.04 0.00	47.11 -0.65 0.00	84.88 -1.21 0.00	83.39 0.87 0.00	57.81 0.75 0.00	55.36 1.10 0.00	50.10 1.00 0.00	48.12 1.51 0.00	39.65 1.66 0.00
LACHUTE____HYDRO 323717	30.61 2.87 0.47	22.13 2.16 0.00	26.19 2.47 0.00	23.78 2.33 0.00	26.46 2.50 0.00	25.20 2.16 0.07	29.30 3.15 0.00	32.86 3.55 0.00	26.74 2.54 0.00	24.79 2.15 0.00	26.68 1.77 0.00	26.31 1.54 0.00	31.60 1.88 0.00	39.87 2.28 0.00	41.04 2.35 0.00	48.51 3.19 0.00	51.70 3.94 0.00	93.71 7.62 0.00	90.66 8.15 0.00	63.38 6.33 0.00	60.48 6.21 0.00	54.70 5.60 0.00	50.78 4.16 0.00	41.19 3.20 0.00
LAWRNCAY_115KV_TB1 80681	28.98 0.43 -0.33	20.27 0.29 -0.02	24.33 0.41 -0.21	21.80 0.30 -0.05	24.51 0.33 -0.22	23.62 0.40 -0.11	26.84 0.34 -0.35	29.97 0.31 -0.35	24.32 0.04 -0.08	22.63 -0.03 -0.02	25.00 0.01 -0.06	24.77 -0.04 -0.05	29.88 0.03 -0.12	38.04 0.08 -0.38	39.10 -0.02 -0.43	45.58 -0.31 -0.58	48.41 -0.02 -0.68	88.26 0.70 -1.46	85.49 1.83 -1.15	59.65 1.53 -1.07	57.00 1.77 -0.96	51.23 1.37 -0.76	48.93 1.60 -0.71	39.74 1.32 -0.43
LEDERLE____ 23769	29.70 1.08 -0.42	20.71 0.75 0.00	24.50 0.78 0.00	22.13 0.67 0.00	24.74 0.78 0.00	24.03 0.85 -0.06	27.21 1.06 0.00	30.65 1.34 0.00	25.49 1.29 0.00	23.96 1.32 0.00	26.51 1.59 0.00	26.53 1.77 0.00	31.77 2.05 0.00	40.23 2.65 0.00	41.52 2.82 0.00	48.39 3.07 0.00	50.90 3.14 0.00	91.59 5.50 0.00	86.32 3.82 0.00	59.34 2.28 0.00	56.07 1.80 0.00	51.08 1.98 0.00	48.21 1.60 0.00	39.17 1.18 0.00
LIGHTHSE_115KV_TB6 355974	30.90 0.23 -2.46	20.25 0.15 -0.13	25.44 0.20 -1.52	21.93 0.15 -0.33	25.80 0.22 -1.62	24.20 0.25 -0.84	29.05 0.33 -2.58	32.20 0.28 -2.61	24.69 -0.06 -0.55	22.57 -0.23 -0.16	25.01 -0.36 -0.45	24.68 -0.43 -0.35	30.13 -0.51 -0.92	39.92 -0.45 -2.78	41.37 -0.50 -3.18	48.89 -0.70 -4.27	52.31 -0.46 -5.01	96.59 -0.32 -10.82	91.03 0.03 -8.49	64.92 -0.01 -7.87	61.27 -0.12 -7.12	54.81 0.11 -5.60	52.12 0.24 -5.27	41.20 0.03 -3.18
LINDEN COGEN____ 23786	29.65 0.93 -0.51	20.68 0.72 0.00	24.29 0.69 0.12	22.14 0.69 0.00	24.13 0.68 0.51	24.00 0.82 -0.07	27.21 1.06 0.00	30.66 1.35 0.00	25.61 1.41 0.00	24.10 1.46 0.00	26.66 1.74 0.00	26.70 1.94 0.00	31.94 2.21 0.00	40.35 2.76 0.00	41.62 2.93 0.00	48.43 3.11 0.00	50.94 3.18 0.00	91.64 5.55 0.00	86.22 3.71 0.00	59.22 2.17 0.00	56.00 1.73 0.00	50.95 1.85 0.00	48.10 1.48 0.00	39.11 1.12 0.00
LINDHRST_69_KV_BK1 356055	30.01 1.29 -0.51	20.97 1.00 0.00	24.66 0.94 0.00	22.22 0.76 0.00	24.79 0.84 0.00	24.12 0.94 -0.07	27.33 1.18 0.00	30.54 1.23 0.00	25.63 1.43 0.00	24.14 1.49 0.00	26.82 1.90 0.00	26.80 2.04 0.00	32.16 2.43 0.00	40.73 3.14 0.00	42.11 3.42 0.00	48.74 3.42 0.00	51.11 3.35 0.00	91.23 5.14 0.00	85.66 3.15 0.00	59.01 1.96 0.00	56.04 1.77 0.00	50.81 1.71 0.00	48.00 1.39 0.00	39.33 1.34 0.00
LIPA_MISC_IPP 23656	29.59 0.87 -0.51	20.79 0.82 0.00	24.43 0.71 0.00	21.91 0.46 0.00	24.45 0.49 0.00	23.78 0.60 -0.07	26.93 0.78 0.00	30.10 0.80 0.00	25.29 1.09 0.00	23.83 1.18 0.00	26.51 1.59 0.00	26.43 1.66 0.00	31.66 1.93 0.00	40.10 2.51 0.00	41.55 2.86 0.00	48.07 2.76 0.00	50.39 2.63 0.00	89.85 3.76 0.00	84.42 1.91 0.00	58.07 1.01 0.00	55.14 0.87 0.00	49.90 0.79 0.00	47.01 0.40 0.00	38.58 0.58 0.00
LISF____SOLAR 323691	29.64 0.92 -0.51	20.83 0.86 0.00	24.47 0.75 0.00	21.95 0.50 0.00	24.48 0.52 0.00	23.82 0.64 -0.07	26.97 0.82 0.00	30.17 0.86 0.00	25.34 1.14 0.00	23.87 1.22 0.00	26.55 1.64 0.00	26.44 1.67 0.00	31.67 1.95 0.00	40.12 2.53 0.00	41.59 2.90 0.00	48.13 2.81 0.00	50.48 2.72 0.00	90.07 3.98 0.00	84.63 2.12 0.00	58.22 1.17 0.00	55.28 1.01 0.00	50.01 0.91 0.00	47.09 0.47 0.00	38.65 0.66 0.00
LITTLE FALLS____HYD 24013	28.68 0.47 0.00	20.34 0.38 0.00	24.17 0.45 0.00	21.94 0.48 0.00	24.45 0.49 0.00	23.64 0.53 0.00	26.88 0.73 0.00	30.14 0.83 0.00	24.45 0.25 0.00	22.67 0.03 0.00	24.60 -0.32 0.00	24.56 -0.21 0.00	29.35 -0.37 0.00	37.12 -0.47 0.00	38.24 -0.45 0.00	44.77 -0.55 0.00	47.30 -0.46 0.00	86.52 0.43 0.00	83.02 0.52 0.00	57.79 0.74 0.00	54.79 0.52 0.00	49.73 0.63 0.00	46.87 0.25 0.00	38.06 0.07 0.00

LITTLRIV_115KV_TB1 356100	29.36 0.79 -0.35	20.53 0.54 -0.02	24.65 0.71 -0.22	22.08 0.58 -0.05	24.84 0.65 -0.23	23.95 0.72 -0.12	27.26 0.74 -0.37	30.43 0.74 -0.38	24.53 0.25 -0.08	22.73 0.06 -0.02	25.09 0.10 -0.07	24.85 0.04 -0.05	29.99 0.14 -0.13	38.26 0.27 -0.40	39.35 0.20 -0.46	45.80 -0.14 -0.61	48.58 0.10 -0.72	89.41 1.76 -1.56	87.12 3.38 -1.22	60.78 2.59 -1.13	58.08 2.78 -1.03	52.12 2.22 -0.81	49.72 2.35 -0.76	40.36 1.91 -0.46
LI_NEWBRDGE___DRP 323616	29.62 0.89 -0.51	20.69 0.73 0.00	24.34 0.62 0.00	21.97 0.52 0.00	24.52 0.56 0.00	23.85 0.67 -0.07	26.98 0.83 0.00	30.18 0.88 0.00	25.32 1.11 0.00	23.84 1.19 0.00	26.49 1.57 0.00	26.51 1.74 0.00	31.77 2.04 0.00	40.18 2.59 0.00	41.50 2.81 0.00	48.03 2.71 0.00	50.39 2.64 0.00	90.19 4.09 0.00	84.73 2.22 0.00	58.33 1.28 0.00	55.30 1.03 0.00	50.20 1.10 0.00	47.44 0.83 0.00	38.84 0.85 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.49 0.33 -0.96	20.09 0.07 -0.05	24.58 0.26 -0.59	21.67 0.09 -0.13	24.95 0.36 -0.63	23.57 0.13 -0.33	26.89 -0.26 -1.00	29.42 -0.90 -1.01	23.21 -1.21 -0.21	22.03 -0.68 -0.06	24.49 -0.60 -0.18	24.16 -0.74 -0.14	29.39 -0.69 -0.36	37.83 -0.84 -1.08	38.78 -1.15 -1.24	46.09 -0.89 -1.66	48.68 -1.02 -1.95	88.23 -2.07 -4.21	82.33 -3.48 -3.30	57.71 -2.41 -3.06	54.81 -2.23 -2.77	48.73 -2.55 -2.18	46.64 -2.03 -2.05	38.62 -0.61 -1.23
LOCKPORT___CC1 323769	29.46 0.30 -0.96	20.07 0.05 -0.05	24.56 0.24 -0.59	21.65 0.07 -0.13	24.92 0.33 -0.63	23.52 0.08 -0.33	26.81 -0.34 -1.00	29.32 -1.00 -1.01	23.15 -1.27 -0.21	21.98 -0.73 -0.06	24.44 -0.65 -0.18	24.11 -0.79 -0.14	29.31 -0.77 -0.36	37.76 -0.91 -1.08	38.71 -1.22 -1.24	46.02 -0.96 -1.66	48.61 -1.10 -1.95	88.05 -2.26 -4.22	82.13 -3.69 -3.31	57.55 -2.57 -3.07	54.65 -2.39 -2.77	48.60 -2.68 -2.18	46.53 -2.14 -2.05	38.54 -0.69 -1.24
LOCKPORT___CC2 323770	29.46 0.30 -0.96	20.07 0.05 -0.05	24.56 0.24 -0.59	21.65 0.07 -0.13	24.92 0.33 -0.63	23.52 0.08 -0.33	26.81 -0.34 -1.00	29.32 -1.00 -1.01	23.15 -1.27 -0.21	21.98 -0.73 -0.06	24.44 -0.65 -0.18	24.11 -0.79 -0.14	29.31 -0.77 -0.36	37.76 -0.91 -1.08	38.71 -1.22 -1.24	46.02 -0.96 -1.66	48.61 -1.10 -1.95	88.05 -2.26 -4.22	82.13 -3.69 -3.31	57.55 -2.57 -3.07	54.65 -2.39 -2.77	48.60 -2.68 -2.18	46.53 -2.14 -2.05	38.54 -0.69 -1.24
LOCKPORT___CC3 323771	29.46 0.30 -0.96	20.07 0.05 -0.05	24.56 0.24 -0.59	21.65 0.07 -0.13	24.92 0.33 -0.63	23.52 0.08 -0.33	26.81 -0.34 -1.00	29.32 -1.00 -1.01	23.15 -1.27 -0.21	21.98 -0.73 -0.06	24.44 -0.65 -0.18	24.11 -0.79 -0.14	29.31 -0.77 -0.36	37.76 -0.91 -1.08	38.71 -1.22 -1.24	46.02 -0.96 -1.66	48.61 -1.10 -1.95	88.05 -2.26 -4.22	82.13 -3.69 -3.31	57.55 -2.57 -3.07	54.65 -2.39 -2.77	48.60 -2.68 -2.18	46.53 -2.14 -2.05	38.54 -0.69 -1.24
LOCUSVLY_69_KV_BK2 55797	29.91 1.19 -0.51	20.90 0.93 0.00	24.59 0.87 0.00	22.21 0.76 0.00	24.78 0.82 0.00	24.09 0.92 -0.07	27.29 1.14 0.00	30.56 1.25 0.00	25.61 1.40 0.00	24.12 1.48 0.00	26.78 1.86 0.00	26.82 2.05 0.00	32.16 2.44 0.00	40.69 3.10 0.00	42.00 3.30 0.00	48.60 3.28 0.00	51.05 3.29 0.00	91.52 5.43 0.00	86.01 3.50 0.00	59.20 2.14 0.00	56.04 1.77 0.00	50.82 1.72 0.00	47.98 1.37 0.00	39.33 1.34 0.00
LONG_LAKE_PHOENIX 24014	31.28 -0.32 -3.39	19.88 -0.27 -0.19	25.52 -0.30 -2.10	21.61 -0.30 -0.46	25.92 -0.28 -2.24	23.99 -0.28 -1.16	29.42 -0.28 -3.55	32.57 -0.34 -3.60	24.55 -0.41 -0.75	22.44 -0.42 -0.22	25.05 -0.49 -0.62	24.73 -0.52 -0.48	30.38 -0.61 -1.27	40.71 -0.71 -3.84	42.39 -0.70 -4.40	50.47 -0.74 -5.89	54.05 -0.63 -6.92	100.06 -0.98 -14.94	93.03 -1.20 -11.72	67.14 -0.78 -10.87	63.26 -0.84 -9.83	56.02 -0.81 -7.73	53.05 -0.84 -7.27	41.66 -0.72 -4.38
LOVETT___3 23632	29.56 0.91 -0.43	20.62 0.66 0.00	24.37 0.65 0.00	22.03 0.58 0.00	24.61 0.65 0.00	23.90 0.72 -0.06	27.07 0.92 0.00	30.47 1.16 0.00	25.36 1.16 0.00	23.84 1.20 0.00	26.37 1.45 0.00	26.39 1.62 0.00	31.59 1.86 0.00	39.96 2.37 0.00	41.23 2.54 0.00	48.03 2.71 0.00	50.49 2.74 0.00	90.83 4.74 0.00	85.63 3.12 0.00	58.91 1.85 0.00	55.69 1.42 0.00	50.72 1.62 0.00	47.89 1.28 0.00	38.94 0.95 0.00
LOVETT___4 23642	29.56 0.91 -0.43	20.62 0.66 0.00	24.37 0.65 0.00	22.03 0.58 0.00	24.61 0.65 0.00	23.90 0.72 -0.06	27.07 0.92 0.00	30.47 1.16 0.00	25.36 1.16 0.00	23.84 1.20 0.00	26.37 1.45 0.00	26.39 1.62 0.00	31.59 1.86 0.00	39.96 2.37 0.00	41.23 2.54 0.00	48.03 2.71 0.00	50.49 2.74 0.00	90.83 4.74 0.00	85.63 3.12 0.00	58.91 1.85 0.00	55.69 1.42 0.00	50.72 1.62 0.00	47.89 1.28 0.00	38.94 0.95 0.00
LOVETT___5 23593	29.56 0.91 -0.43	20.62 0.66 0.00	24.37 0.65 0.00	22.03 0.58 0.00	24.61 0.65 0.00	23.90 0.72 -0.06	27.07 0.92 0.00	30.47 1.16 0.00	25.36 1.16 0.00	23.84 1.20 0.00	26.37 1.45 0.00	26.39 1.62 0.00	31.59 1.86 0.00	39.96 2.37 0.00	41.23 2.54 0.00	48.03 2.71 0.00	50.49 2.74 0.00	90.83 4.74 0.00	85.63 3.12 0.00	58.91 1.85 0.00	55.69 1.42 0.00	50.72 1.62 0.00	47.89 1.28 0.00	38.94 0.95 0.00
LOWER RAQUET___HYD 24057	29.07 0.49 -0.37	20.32 0.33 -0.02	24.41 0.45 -0.23	21.84 0.34 -0.05	24.59 0.38 -0.25	23.70 0.46 -0.13	26.95 0.41 -0.39	30.09 0.38 -0.40	24.36 0.08 -0.08	22.65 -0.02 -0.03	25.00 0.01 -0.07	24.79 -0.03 -0.05	29.90 0.04 -0.14	38.10 0.09 -0.42	39.15 -0.03 -0.48	45.69 -0.28 -0.65	48.48 -0.04 -0.77	88.53 0.79 -1.65	85.84 2.04 -1.29	59.91 1.65 -1.20	57.25 1.89 -1.09	51.44 1.49 -0.85	49.15 1.73 -0.80	39.89 1.42 -0.48
LOWER___HUDSON 24059	28.24 0.60 0.57	20.48 0.51 0.00	24.25 0.53 0.00	22.03 0.58 0.00	24.49 0.53 0.00	23.54 0.51 0.08	26.85 0.70 0.00	30.19 0.88 0.00	24.94 0.74 0.00	23.27 0.62 0.00	25.48 0.56 0.00	25.33 0.57 0.00	30.28 0.55 0.00	38.28 0.69 0.00	39.47 0.78 0.00	46.25 0.93 0.00	48.74 0.98 0.00	87.81 1.71 0.00	83.77 1.26 0.00	57.97 0.92 0.00	55.08 0.81 0.00	49.91 0.81 0.00	47.19 0.58 0.00	38.44 0.45 0.00
LOWVILLE_115KV_TB2 356335	30.14 1.10 -0.83	20.80 0.79 -0.05	25.21 0.98 -0.51	22.43 0.86 -0.11	25.51 1.00 -0.55	24.45 1.05 -0.28	28.26 1.25 -0.87	31.42 1.23 -0.88	24.98 0.59 -0.18	22.92 0.22 -0.05	25.17 0.10 -0.15	24.94 0.06 -0.12	30.08 0.04 -0.31	38.76 0.23 -0.94	39.90 0.13 -1.08	46.53 -0.23 -1.44	49.38 -0.07 -1.69	91.28 1.53 -3.66	87.80 2.42 -2.87	61.12 1.40 -2.66	57.86 1.19 -2.41	52.47 1.48 -1.89	50.48 2.09 -1.78	40.47 1.40 -1.07
LUTHERFT_115KV_GLOB_FND_222 355753	28.89 1.14 0.46	20.84 0.87 0.00	24.69 0.97 0.00	22.40 0.95 0.00	24.95 0.99 0.00	23.99 0.95 0.07	27.38 1.23 0.00	30.72 1.41 0.00	25.27 1.06 0.00	23.50 0.86 0.00	25.68 0.76 0.00	25.49 0.72 0.00	30.54 0.82 0.00	38.63 1.03 0.00	39.85 1.15 0.00	46.81 1.49 0.00	49.51 1.75 0.00	89.72 3.63 0.00	85.86 3.35 0.00	59.43 2.38 0.00	56.42 2.15 0.00	51.04 1.94 0.00	48.18 1.57 0.00	39.18 1.19 0.00

LUTHERNY_35_KV_BK2 355980	28.90 1.15 0.46	20.84 0.87 0.00	24.69 0.97 0.00	22.40 0.94 0.00	24.96 1.00 0.00	24.00 0.96 0.07	27.40 1.25 0.00	30.74 1.43 0.00	25.30 1.09 0.00	23.53 0.88 0.00	25.71 0.79 0.00	25.51 0.75 0.00	30.58 0.86 0.00	38.64 1.04 0.00	39.89 1.20 0.00	46.88 1.56 0.00	49.55 1.79 0.00	89.83 3.74 0.00	86.01 3.50 0.00	59.51 2.45 0.00	56.47 2.20 0.00	51.07 1.97 0.00	48.24 1.63 0.00	39.19 1.19 0.00
LWR___OSWEGATCHIE_HYD 23850	29.71 0.80 -0.70	20.57 0.57 -0.04	24.89 0.73 -0.43	22.16 0.61 -0.09	25.13 0.71 -0.46	24.12 0.77 -0.24	27.72 0.84 -0.73	30.87 0.82 -0.74	24.67 0.31 -0.16	22.75 0.06 -0.05	25.05 0.01 -0.13	24.82 -0.04 -0.10	29.97 -0.01 -0.26	38.53 0.15 -0.79	39.61 0.01 -0.90	46.21 -0.32 -1.21	49.09 -0.09 -1.42	90.25 1.09 -3.07	87.12 2.20 -2.41	60.84 1.55 -2.24	57.88 1.58 -2.02	52.27 1.58 -1.59	50.08 1.97 -1.50	40.33 1.43 -0.90
LYONS_FALL_HYD 23570	29.83 0.96 -0.65	20.68 0.68 -0.04	24.97 0.84 -0.41	22.28 0.74 -0.09	25.26 0.87 -0.43	24.23 0.90 -0.22	27.92 1.08 -0.68	31.09 1.09 -0.69	24.95 0.60 -0.14	23.00 0.31 -0.04	25.26 0.22 -0.12	25.06 0.20 -0.09	30.19 0.22 -0.24	38.74 0.41 -0.74	39.90 0.36 -0.85	46.67 0.21 -1.13	49.48 0.38 -1.33	90.98 2.01 -2.88	87.20 2.43 -2.26	60.68 1.53 -2.10	57.51 1.34 -1.90	52.03 1.44 -1.49	49.77 1.75 -1.40	40.03 1.19 -0.84
MADISON___COUNTY_LFGE 323628	29.93 0.88 -0.83	20.61 0.60 -0.05	24.97 0.73 -0.52	22.22 0.66 -0.11	25.29 0.78 -0.55	24.18 0.79 -0.28	27.99 0.97 -0.87	31.22 1.02 -0.89	25.06 0.67 -0.19	23.11 0.41 -0.05	25.45 0.38 -0.15	25.26 0.37 -0.12	30.49 0.45 -0.31	39.21 0.67 -0.95	40.49 0.71 -1.08	47.64 0.87 -1.45	50.56 1.10 -1.70	92.72 2.95 -3.68	88.30 2.91 -2.89	61.81 2.08 -2.68	58.55 1.86 -2.42	52.63 1.62 -1.90	49.89 1.48 -1.79	40.10 1.03 -1.08
MALONE___115KV_TB1 356076	29.09 0.88 0.00	20.59 0.62 0.00	24.38 0.66 0.00	21.96 0.51 0.00	24.39 0.43 0.00	23.62 0.51 0.00	26.70 0.55 0.00	29.83 0.52 0.00	24.52 0.31 0.00	22.85 0.21 0.00	25.09 0.18 0.00	25.12 0.35 0.00	30.11 0.39 0.00	37.77 0.18 0.00	38.60 -0.09 0.00	45.69 0.37 0.00	47.85 0.10 0.00	86.46 0.37 0.00	84.51 2.00 0.00	58.58 1.53 0.00	56.16 1.89 0.00	50.65 1.56 0.00	48.41 1.79 0.00	39.62 1.63 0.00
MAPLEWOD_115KV_TB3 80458	28.26 0.43 0.38	20.34 0.37 0.00	24.13 0.40 0.00	21.91 0.46 0.00	24.35 0.39 0.00	23.46 0.40 0.06	26.62 0.47 0.00	29.94 0.63 0.00	24.76 0.56 0.00	23.12 0.48 0.00	25.35 0.43 0.00	25.21 0.44 0.00	30.10 0.37 0.00	38.06 0.47 0.00	39.24 0.55 0.00	45.95 0.63 0.00	48.38 0.63 0.00	87.17 1.07 0.00	83.10 0.59 0.00	57.47 0.42 0.00	54.55 0.28 0.00	49.43 0.33 0.00	46.80 0.18 0.00	38.13 0.13 0.00
MAPLE_RIDGE_WT_1 323574	28.16 -0.05 0.00	19.94 -0.02 0.00	23.72 0.00 0.00	21.46 0.00 0.00	23.95 0.00 0.00	23.09 -0.02 0.00	26.09 -0.06 0.00	29.28 -0.03 0.00	24.16 -0.04 0.00	22.61 -0.03 0.00	24.88 -0.03 0.00	24.72 -0.04 0.00	29.64 -0.09 0.00	37.38 -0.20 0.00	38.39 -0.30 0.00	44.85 -0.47 0.00	47.24 -0.51 0.00	85.32 -0.77 0.00	81.97 -0.54 0.00	56.45 -0.60 0.00	53.71 -0.56 0.00	48.57 -0.54 0.00	46.55 -0.07 0.00	37.92 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	28.16 -0.05 0.00	19.94 -0.02 0.00	23.72 0.00 0.00	21.46 0.00 0.00	23.95 0.00 0.00	23.09 -0.02 0.00	26.09 -0.06 0.00	29.28 -0.03 0.00	24.16 -0.04 0.00	22.61 -0.03 0.00	24.88 -0.03 0.00	24.72 -0.04 0.00	29.64 -0.09 0.00	37.38 -0.20 0.00	38.39 -0.30 0.00	44.85 -0.47 0.00	47.24 -0.51 0.00	85.32 -0.77 0.00	81.97 -0.54 0.00	56.45 -0.60 0.00	53.71 -0.56 0.00	48.57 -0.54 0.00	46.55 -0.07 0.00	37.92 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	29.38 1.17 0.00	20.83 0.86 0.00	24.52 0.80 0.00	22.07 0.62 0.00	24.31 0.36 0.00	23.54 0.42 0.00	26.66 0.51 0.00	29.67 0.35 0.00	24.42 0.21 0.00	22.80 0.15 0.00	24.91 -0.01 0.00	25.29 0.53 0.00	30.23 0.51 0.00	37.47 -0.12 0.00	37.84 -0.85 0.00	44.72 -0.60 0.00	46.41 -1.34 0.00	83.73 -2.36 0.00	82.21 -0.30 0.00	56.87 -0.19 0.00	54.53 0.26 0.00	49.47 0.37 0.00	47.67 1.05 0.00	39.38 1.39 0.00
MARSHVLE_115KV_TB1 80742	29.23 1.26 0.24	20.81 0.85 0.00	24.75 1.02 0.00	22.32 0.86 0.00	25.02 1.06 0.00	24.11 1.04 0.04	27.43 1.28 0.00	30.57 1.26 0.00	24.73 0.52 0.00	23.02 0.38 0.00	25.22 0.30 0.00	25.04 0.28 0.00	30.11 0.38 0.00	38.14 0.55 0.00	39.21 0.52 0.00	45.91 0.59 0.00	48.56 0.80 0.00	88.54 2.44 0.00	86.36 3.85 0.00	60.07 3.02 0.00	57.06 2.79 0.00	51.52 2.41 0.00	48.91 2.29 0.00	39.85 1.86 0.00
MARSH_HILL_WT_PWR 323713	30.21 0.76 -1.25	20.38 0.35 -0.07	25.06 0.57 -0.77	21.94 0.32 -0.17	25.46 0.68 -0.82	24.02 0.48 -0.42	27.94 0.48 -1.31	30.75 0.12 -1.32	24.04 -0.44 -0.28	22.37 -0.35 -0.08	24.81 -0.33 -0.23	24.42 -0.52 -0.17	29.73 -0.47 -0.47	38.49 -0.51 -1.41	39.55 -0.76 -1.62	46.74 -0.74 -2.16	49.26 -1.04 -2.54	90.54 -1.04 -5.49	86.00 -0.82 -4.31	60.60 -0.45 -3.99	57.28 -0.60 -3.61	51.36 -0.58 -2.84	48.45 -0.84 -2.67	38.70 -0.90 -1.61
MCINTYRE_115KV_TB2 80467	29.41 0.87 -0.32	20.58 0.59 -0.02	24.68 0.76 -0.20	22.14 0.64 -0.04	24.89 0.72 -0.21	23.99 0.77 -0.11	27.30 0.82 -0.34	30.48 0.83 -0.34	24.53 0.26 -0.07	22.72 0.06 -0.02	25.10 0.12 -0.06	24.85 0.04 -0.05	30.00 0.15 -0.12	38.26 0.31 -0.36	39.34 0.23 -0.42	45.76 -0.12 -0.56	48.57 0.16 -0.65	89.60 2.09 -1.41	87.42 3.80 -1.11	61.00 2.92 -1.03	58.32 3.12 -0.93	52.29 2.46 -0.73	49.82 2.52 -0.69	40.46 2.05 -0.42
MECO_____69_KV_BK1 80468	29.39 1.45 0.27	20.98 1.02 0.00	24.91 1.19 0.00	22.51 1.06 0.00	25.19 1.23 0.00	24.30 1.23 0.04	27.69 1.54 0.00	30.91 1.60 0.00	24.87 0.67 0.00	23.09 0.45 0.00	25.01 0.09 0.00	24.78 0.01 0.00	29.75 0.02 0.00	37.67 0.08 0.00	38.78 0.09 0.00	45.42 0.10 0.00	48.20 0.45 0.00	88.77 2.67 0.00	86.92 4.41 0.00	60.55 3.49 0.00	57.50 3.23 0.00	51.88 2.78 0.00	49.14 2.53 0.00	39.98 1.99 0.00
MENANDS___115KV_TB5 355628	28.07 0.24 0.38	20.22 0.25 0.00	23.99 0.27 0.00	21.80 0.34 0.00	24.22 0.26 0.00	23.33 0.28 0.06	26.45 0.30 0.00	29.76 0.45 0.00	24.64 0.44 0.00	23.01 0.37 0.00	25.24 0.32 0.00	25.11 0.34 0.00	29.95 0.23 0.00	37.87 0.28 0.00	39.04 0.35 0.00	45.68 0.36 0.00	48.08 0.32 0.00	86.47 0.38 0.00	82.37 -0.14 0.00	56.95 -0.11 0.00	54.06 -0.21 0.00	49.02 -0.08 0.00	46.41 -0.21 0.00	37.82 -0.17 0.00
MG INDUSTRY___DRP 24185	28.44 0.42 0.20	20.33 0.37 0.00	24.15 0.43 0.00	21.92 0.47 0.00	24.40 0.44 0.00	23.51 0.42 0.03	26.60 0.45 0.00	29.83 0.52 0.00	24.60 0.39 0.00	22.89 0.25 0.00	25.09 0.17 0.00	24.92 0.16 0.00	29.77 0.05 0.00	37.64 0.05 0.00	38.70 0.01 0.00	44.67 -0.65 0.00	23.69 -0.81 23.25	81.47 -1.58 3.04	80.74 -1.77 0.00	55.86 -1.19 0.00	53.05 -1.22 0.00	48.13 -0.97 0.00	45.63 -0.99 0.00	37.21 -0.78 0.00

MID___OSWEGATCHIE_HYD 23849	29.71 0.80 -0.70	20.57 0.57 -0.04	24.89 0.73 -0.43	22.16 0.61 -0.09	25.13 0.71 -0.46	24.12 0.77 -0.24	27.72 0.84 -0.73	30.87 0.82 -0.74	24.67 0.31 -0.16	22.75 0.06 -0.05	25.05 0.01 -0.13	24.82 -0.04 -0.10	29.97 -0.01 -0.26	38.53 0.15 -0.79	39.61 0.01 -0.90	46.21 -0.32 -1.21	49.09 -0.09 -1.42	90.25 1.09 -3.07	87.12 2.20 -2.41	60.84 1.55 -2.24	57.88 1.58 -2.02	52.27 1.58 -1.59	50.08 1.97 -1.50	40.33 1.43 -0.90
MID___RAQUETTE_HYD 23851	29.07 0.49 -0.37	20.31 0.33 -0.02	24.41 0.45 -0.23	21.84 0.34 -0.05	24.59 0.38 -0.25	23.70 0.46 -0.13	26.95 0.41 -0.39	30.09 0.38 -0.40	24.36 0.08 -0.08	22.65 -0.02 -0.03	25.00 0.01 -0.07	24.79 -0.03 -0.05	29.90 0.04 -0.14	38.10 0.09 -0.42	39.15 -0.03 -0.48	45.69 -0.28 -0.65	48.48 -0.04 -0.77	88.54 0.79 -1.65	85.84 2.04 -1.29	59.91 1.66 -1.20	57.25 1.89 -1.09	51.44 1.49 -0.85	49.15 1.73 -0.80	39.89 1.42 -0.48
MILLIKEN___1 23584	30.48 0.56 -1.71	20.37 0.31 -0.10	25.20 0.42 -1.06	21.99 0.31 -0.23	25.55 0.47 -1.13	24.11 0.41 -0.58	28.49 0.55 -1.79	31.69 0.57 -1.81	24.79 0.21 -0.38	22.84 0.08 -0.11	25.28 0.05 -0.31	25.01 0.00 -0.24	30.42 0.05 -0.64	39.67 0.15 -1.94	41.03 0.12 -2.22	48.53 0.24 -2.97	51.59 0.34 -3.49	94.93 1.31 -7.53	89.62 1.21 -5.91	63.54 1.01 -5.48	60.09 0.86 -4.96	53.69 0.70 -3.90	50.78 0.50 -3.67	40.55 0.35 -2.21
MILLIKEN___2 23585	30.48 0.56 -1.71	20.37 0.31 -0.10	25.20 0.42 -1.06	21.99 0.31 -0.23	25.55 0.47 -1.13	24.11 0.41 -0.58	28.49 0.55 -1.79	31.69 0.57 -1.81	24.79 0.21 -0.38	22.84 0.08 -0.11	25.28 0.05 -0.31	25.01 0.00 -0.24	30.42 0.05 -0.64	39.67 0.15 -1.94	41.03 0.12 -2.22	48.53 0.24 -2.97	51.59 0.34 -3.49	94.93 1.31 -7.53	89.62 1.21 -5.91	63.54 1.01 -5.48	60.09 0.86 -4.96	53.69 0.70 -3.90	50.78 0.50 -3.67	40.55 0.35 -2.21
MILLIKEN___DIESEL 23629	30.48 0.56 -1.71	20.37 0.31 -0.10	25.20 0.42 -1.06	21.99 0.31 -0.23	25.55 0.47 -1.13	24.11 0.41 -0.58	28.49 0.55 -1.79	31.69 0.57 -1.81	24.79 0.21 -0.38	22.84 0.08 -0.11	25.28 0.05 -0.31	25.01 0.00 -0.24	30.42 0.05 -0.64	39.67 0.15 -1.94	41.03 0.12 -2.22	48.53 0.24 -2.97	51.59 0.34 -3.49	94.93 1.31 -7.53	89.62 1.21 -5.91	63.54 1.01 -5.48	60.09 0.86 -4.96	53.69 0.70 -3.90	50.78 0.50 -3.67	40.55 0.35 -2.21
MILLSEAT___LFGE 323607	30.02 0.86 -0.95	20.45 0.43 -0.05	24.98 0.67 -0.59	22.04 0.46 -0.13	25.35 0.77 -0.63	24.03 0.59 -0.33	27.53 0.38 -1.00	30.26 -0.06 -1.01	23.91 -0.51 -0.21	22.51 -0.20 -0.06	24.95 -0.14 -0.18	24.65 -0.25 -0.13	29.99 -0.09 -0.36	38.89 0.22 -1.08	39.80 -0.12 -1.23	47.27 0.30 -1.65	49.93 0.23 -1.94	90.95 0.66 -4.19	85.42 -0.38 -3.29	60.00 -0.10 -3.05	56.89 -0.14 -2.76	50.56 -0.72 -2.17	48.21 -0.45 -2.04	39.62 0.40 -1.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.70 0.98 -0.50	20.70 0.73 0.00	24.44 0.72 0.00	22.12 0.66 0.00	24.66 0.71 0.00	23.95 0.77 -0.07	27.15 0.99 0.00	30.55 1.24 0.00	25.47 1.27 0.00	23.94 1.30 0.00	26.46 1.54 0.00	26.47 1.71 0.00	31.66 1.94 0.00	40.05 2.46 0.00	41.32 2.63 0.00	48.13 2.81 0.00	50.62 2.86 0.00	91.05 4.96 0.00	85.84 3.33 0.00	59.08 2.03 0.00	55.89 1.63 0.00	50.81 1.72 0.00	47.98 1.36 0.00	39.04 1.04 0.00
MILLWOOD_13_KV_LOAD 356217	29.74 1.03 -0.50	20.73 0.77 0.00	24.47 0.75 0.00	22.15 0.69 0.00	24.70 0.74 0.00	23.99 0.81 -0.07	27.18 1.03 0.00	30.60 1.29 0.00	25.51 1.31 0.00	23.97 1.33 0.00	26.50 1.58 0.00	26.51 1.74 0.00	31.71 1.98 0.00	40.11 2.52 0.00	41.38 2.69 0.00	48.21 2.89 0.00	50.72 2.96 0.00	91.24 5.15 0.00	86.02 3.51 0.00	59.20 2.15 0.00	56.00 1.74 0.00	50.91 1.81 0.00	48.05 1.44 0.00	39.09 1.10 0.00
MODEL_CITY_ENERGY 24167	29.30 0.13 -0.96	19.96 -0.06 -0.05	24.43 0.11 -0.59	21.54 -0.04 -0.13	24.81 0.21 -0.63	23.45 0.01 -0.33	26.73 -0.42 -1.00	29.20 -1.12 -1.01	23.04 -1.37 -0.21	21.90 -0.81 -0.06	24.35 -0.74 -0.18	24.01 -0.89 -0.14	29.18 -0.90 -0.36	37.52 -1.16 -1.08	38.46 -1.47 -1.24	45.72 -1.26 -1.66	48.29 -1.42 -1.95	87.49 -2.82 -4.21	81.56 -4.26 -3.30	57.14 -2.98 -3.06	54.30 -2.75 -2.77	48.26 -3.02 -2.18	46.20 -2.46 -2.05	38.34 -0.89 -1.23
MODERN_LFGE___ 323580	29.30 0.13 -0.96	19.96 -0.06 -0.05	24.43 0.11 -0.59	21.54 -0.04 -0.13	24.81 0.21 -0.63	23.45 0.01 -0.33	26.73 -0.42 -1.00	29.20 -1.12 -1.01	23.04 -1.37 -0.21	21.90 -0.81 -0.06	24.35 -0.74 -0.18	24.01 -0.89 -0.14	29.18 -0.90 -0.36	37.52 -1.16 -1.08	38.46 -1.47 -1.24	45.72 -1.26 -1.66	48.29 -1.42 -1.95	87.49 -2.82 -4.21	81.56 -4.26 -3.30	57.14 -2.98 -3.06	54.30 -2.75 -2.77	48.26 -3.02 -2.18	46.20 -2.46 -2.05	38.34 -0.89 -1.23
MOHAWK_PAPER___DRP 24187	28.26 0.43 0.38	20.34 0.37 0.00	24.13 0.40 0.00	21.91 0.46 0.00	24.35 0.39 0.00	23.46 0.40 0.06	26.62 0.47 0.00	29.94 0.63 0.00	24.76 0.56 0.00	23.12 0.48 0.00	25.35 0.43 0.00	25.21 0.44 0.00	30.10 0.37 0.00	38.06 0.47 0.00	39.24 0.55 0.00	45.95 0.63 0.00	48.38 0.63 0.00	87.17 1.07 0.00	83.10 0.59 0.00	57.47 0.42 0.00	54.55 0.28 0.00	49.43 0.33 0.00	46.80 0.18 0.00	38.13 0.13 0.00
MOHICAN___35_KV_115KV_LD 80490	29.15 1.42 0.48	21.06 1.10 0.00	24.94 1.22 0.00	22.64 1.19 0.00	25.20 1.24 0.00	24.17 1.13 0.07	27.71 1.56 0.00	31.07 1.76 0.00	25.47 1.27 0.00	23.63 0.99 0.00	25.71 0.79 0.00	25.45 0.69 0.00	30.51 0.78 0.00	38.58 0.99 0.00	39.80 1.10 0.00	46.88 1.56 0.00	49.75 2.00 0.00	90.41 4.32 0.00	86.76 4.25 0.00	60.21 3.15 0.00	57.18 2.90 0.00	51.72 2.61 0.00	48.61 1.99 0.00	39.48 1.49 0.00
MONGAUP___HYD 23641	29.55 0.99 -0.35	20.65 0.69 0.00	24.45 0.73 0.00	22.09 0.64 0.00	24.71 0.75 0.00	23.98 0.81 -0.06	27.19 1.04 0.00	30.57 1.26 0.00	25.27 1.07 0.00	23.54 0.90 0.00	25.90 0.98 0.00	25.85 1.08 0.00	30.94 1.21 0.00	39.14 1.55 0.00	40.36 1.67 0.00	47.09 1.77 0.00	49.69 1.93 0.00	90.07 3.98 0.00	85.86 3.35 0.00	59.32 2.27 0.00	56.18 1.91 0.00	51.01 1.91 0.00	48.18 1.57 0.00	39.13 1.14 0.00
MONTAUK___DIESEL 23721	30.36 1.64 -0.51	21.41 1.44 0.00	25.23 1.51 0.00	22.63 1.18 0.00	25.25 1.29 0.00	24.39 1.21 -0.07	27.70 1.55 0.00	31.11 1.80 0.00	26.18 1.97 0.00	24.60 1.95 0.00	27.32 2.40 0.00	27.31 2.54 0.00	32.67 2.95 0.00	41.35 3.76 0.00	42.95 4.26 0.00	49.88 4.57 0.00	52.41 4.65 0.00	93.69 7.60 0.00	87.68 5.17 0.00	60.06 3.01 0.00	56.67 2.40 0.00	50.75 1.65 0.00	46.87 0.25 0.00	38.04 0.04 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.22 1.01 -0.99	20.50 0.48 -0.06	25.12 0.79 -0.62	22.03 0.44 -0.13	25.52 0.91 -0.66	24.11 0.65 -0.34	27.82 0.62 -1.04	30.81 0.45 -1.06	24.31 -0.12 -0.22	22.91 0.20 -0.06	25.50 0.40 -0.18	25.27 0.37 -0.14	30.74 0.64 -0.37	39.58 0.87 -1.12	40.46 0.48 -1.29	47.93 0.88 -1.73	50.74 0.96 -2.03	92.25 1.78 -4.38	85.98 0.04 -3.43	60.14 -0.09 -3.19	56.55 -0.60 -2.88	50.00 -1.37 -2.27	47.44 -1.31 -2.13	38.80 -0.47 -1.28

MORRIS_RIDGE___SOLAR 323848	29.78 0.45 -1.12	20.18 0.15 -0.06	24.76 0.35 -0.69	21.74 0.13 -0.15	25.13 0.44 -0.74	23.72 0.23 -0.38	27.46 0.14 -1.17	30.28 -0.21 -1.18	23.72 -0.73 -0.25	22.08 -0.63 -0.07	24.51 -0.61 -0.21	24.20 -0.72 -0.16	29.44 -0.70 -0.42	38.02 -0.83 -1.26	39.15 -0.99 -1.45	46.42 -0.84 -1.94	48.85 -1.18 -2.27	89.56 -1.45 -4.91	84.78 -1.58 -3.85	59.64 -0.99 -3.58	56.47 -1.04 -3.23	50.45 -1.20 -2.54	47.88 -1.13 -2.39	38.74 -0.69 -1.44
MORTIMER_115KV_TB3 55949	29.51 0.36 -0.94	20.16 0.14 -0.05	24.54 0.24 -0.58	21.71 0.13 -0.12	24.88 0.30 -0.62	23.67 0.24 -0.32	27.31 0.18 -0.98	30.28 -0.02 -1.00	24.12 -0.29 -0.21	22.61 -0.10 -0.06	25.07 -0.02 -0.17	24.86 -0.04 -0.13	30.17 0.10 -0.35	38.87 0.22 -1.06	40.15 0.24 -1.22	47.53 0.59 -1.63	50.36 0.69 -1.91	91.65 1.43 -4.13	86.37 0.62 -3.24	60.46 0.40 -3.00	57.29 0.30 -2.72	51.13 -0.11 -2.14	48.55 -0.08 -2.01	39.28 0.08 -1.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.82 1.10 -0.51	20.80 0.83 0.00	24.53 0.81 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.30 1.15 0.00	30.73 1.42 0.00	25.67 1.47 0.00	24.15 1.51 0.00	26.71 1.79 0.00	26.74 1.97 0.00	31.98 2.26 0.00	40.43 2.84 0.00	41.72 3.03 0.00	48.56 3.24 0.00	51.08 3.32 0.00	91.83 5.74 0.00	86.48 3.97 0.00	59.46 2.40 0.00	56.24 1.97 0.00	51.12 2.02 0.00	48.25 1.64 0.00	39.26 1.27 0.00
MUNSVILLE_WIND_PWR 323609	31.14 1.73 -1.20	21.20 1.17 -0.07	25.88 1.41 -0.75	22.86 1.25 -0.16	26.34 1.59 -0.80	25.09 1.57 -0.41	29.39 1.98 -1.26	32.73 2.15 -1.27	25.77 1.30 -0.27	23.73 1.01 -0.08	26.20 1.06 -0.22	25.93 0.99 -0.17	31.45 1.27 -0.45	40.63 1.67 -1.36	41.72 1.48 -1.56	49.11 1.71 -2.09	52.33 2.12 -2.45	96.70 5.31 -5.30	92.26 5.60 -4.15	65.01 4.10 -3.85	61.58 3.83 -3.48	55.09 3.25 -2.74	52.01 2.82 -2.58	41.56 2.02 -1.55
N SALMON___HYD 24042	29.09 0.88 0.00	20.59 0.62 0.00	24.38 0.66 0.00	21.96 0.51 0.00	24.39 0.43 0.00	23.62 0.51 0.00	26.70 0.55 0.00	29.83 0.52 0.00	24.52 0.31 0.00	22.85 0.21 0.00	25.09 0.18 0.00	25.12 0.35 0.00	30.11 0.39 0.00	37.77 0.18 0.00	38.60 -0.09 0.00	45.69 0.37 0.00	47.85 0.10 0.00	86.46 0.37 0.00	84.50 2.00 0.00	58.59 1.53 0.00	56.16 1.89 0.00	50.66 1.56 0.00	48.41 1.79 0.00	39.62 1.63 0.00
N.AKRON__115KV_KNAPP 355671	30.13 0.96 -0.95	20.53 0.51 -0.05	25.07 0.76 -0.59	22.12 0.53 -0.13	25.44 0.84 -0.63	24.10 0.66 -0.33	27.62 0.47 -1.00	30.37 0.05 -1.01	23.98 -0.44 -0.21	22.59 -0.12 -0.06	25.03 -0.06 -0.18	24.74 -0.16 -0.13	30.14 0.06 -0.36	39.45 0.78 -1.08	39.96 0.04 -1.24	47.39 0.42 -1.65	50.06 0.36 -1.94	91.15 0.87 -4.19	85.65 -0.15 -3.29	60.15 0.04 -3.05	57.05 0.02 -2.76	50.70 -0.58 -2.17	48.34 -0.32 -2.04	39.74 0.52 -1.23
N.E_GEN_SANDY PD 24062	24.92 0.48 3.77	20.41 0.45 0.00	24.54 0.43 -0.39	21.96 0.51 0.00	24.37 0.41 0.00	22.46 0.44 1.09	28.18 0.59 -1.43	30.11 0.80 0.00	25.02 0.81 0.00	24.21 0.76 -0.81	24.94 0.78 0.75	25.61 0.84 0.00	30.58 0.85 0.00	38.61 1.02 0.00	39.78 1.09 0.00	46.51 1.19 0.00	48.87 1.11 0.00	87.75 1.66 0.00	83.31 0.80 0.00	57.63 0.58 0.00	54.74 0.47 0.00	49.64 0.53 0.00	48.07 0.29 -1.16	36.23 0.24 2.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.60 0.96 -0.42	20.65 0.68 0.00	24.41 0.69 0.00	22.05 0.60 0.00	24.65 0.69 0.00	23.93 0.76 -0.06	27.11 0.96 0.00	30.52 1.21 0.00	25.39 1.18 0.00	23.87 1.22 0.00	26.40 1.48 0.00	26.43 1.66 0.00	31.64 1.92 0.00	40.05 2.46 0.00	41.32 2.63 0.00	48.16 2.84 0.00	50.65 2.89 0.00	91.14 5.05 0.00	85.88 3.37 0.00	59.04 1.99 0.00	55.82 1.55 0.00	50.84 1.74 0.00	48.02 1.40 0.00	39.01 1.02 0.00
N.QUEENS_27_KV_LOAD 356247	29.80 1.07 -0.51	20.79 0.82 0.00	24.51 0.79 0.00	22.22 0.77 0.01	24.76 0.80 0.00	24.09 0.90 -0.07	27.28 1.12 0.00	30.73 1.42 0.00	25.71 1.50 0.00	24.15 1.51 0.00	26.80 1.88 0.00	26.80 2.03 0.00	32.00 2.27 0.00	40.42 2.84 0.00	41.74 3.05 0.00	48.48 3.17 0.00	51.05 3.29 0.00	91.86 5.77 0.00	86.44 3.94 0.00	59.48 2.42 0.00	56.23 1.96 0.00	51.10 2.00 0.00	48.24 1.62 0.00	39.27 1.28 0.00
N.TROY___115KV_TB1 355778	28.24 0.60 0.57	20.48 0.51 0.00	24.25 0.53 0.00	22.03 0.58 0.00	24.49 0.53 0.00	23.54 0.51 0.08	26.85 0.70 0.00	30.19 0.88 0.00	24.94 0.74 0.00	23.27 0.62 0.00	25.47 0.56 0.00	25.33 0.57 0.00	30.28 0.55 0.00	38.28 0.69 0.00	39.46 0.77 0.00	46.25 0.93 0.00	48.74 0.98 0.00	87.81 1.71 0.00	83.77 1.26 0.00	57.98 0.92 0.00	55.08 0.81 0.00	49.92 0.81 0.00	47.19 0.58 0.00	38.44 0.45 0.00
NARROWS_GT1_1 24228	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT1_2 24229	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT1_3 24230	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT1_4 24231	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT1_5 24232	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00

NARROWS_GT1_6 24233	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT1_7 24234	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT1_8 24235	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_1 24236	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_2 24237	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_3 24238	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_4 24239	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_5 24240	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_6 24241	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_7 24242	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NARROWS_GT2_8 24243	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.93 4.42 0.00	59.73 2.68 0.00	56.48 2.21 0.00	51.39 2.28 0.00	48.53 1.92 0.00	39.51 1.52 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.78 0.70 0.13	20.51 0.54 0.00	24.35 0.63 0.00	22.12 0.66 0.00	24.59 0.63 0.00	23.73 0.64 0.02	26.88 0.73 0.00	30.20 0.89 0.00	24.83 0.62 0.00	22.97 0.33 0.00	25.08 0.16 0.00	24.87 0.10 0.00	29.66 -0.07 0.00	37.53 -0.06 0.00	38.69 0.00 0.00	45.25 -0.07 0.00	18.15 0.05 29.65	82.52 0.30 3.87	83.07 0.56 0.00	57.59 0.54 0.00	54.71 0.44 0.00	49.51 0.41 0.00	46.79 0.17 0.00	38.16 0.17 0.00
NCHELSEA_115KV_TR2 355582	29.79 1.13 -0.45	20.79 0.82 0.00	24.56 0.84 0.00	22.24 0.78 0.00	24.81 0.85 0.00	24.08 0.91 -0.06	27.28 1.13 0.00	30.70 1.39 0.00	25.56 1.35 0.00	23.98 1.34 0.00	26.45 1.53 0.00	26.43 1.67 0.00	31.63 1.91 0.00	40.03 2.44 0.00	41.32 2.63 0.00	48.24 2.92 0.00	50.82 3.07 0.00	91.60 5.50 0.00	86.52 4.01 0.00	59.55 2.50 0.00	56.35 2.08 0.00	51.16 2.06 0.00	48.27 1.65 0.00	39.24 1.24 0.00
NEG CAPITAL___MECHNVIL 23645	28.83 1.12 0.50	20.83 0.86 0.00	24.68 0.96 0.00	22.40 0.94 0.00	24.93 0.97 0.00	23.97 0.93 0.07	27.36 1.21 0.00	30.72 1.41 0.00	25.28 1.08 0.00	23.53 0.89 0.00	25.73 0.81 0.00	25.55 0.79 0.00	30.61 0.88 0.00	38.72 1.13 0.00	39.94 1.24 0.00	46.91 1.59 0.00	49.59 1.83 0.00	89.78 3.69 0.00	85.88 3.37 0.00	59.44 2.39 0.00	56.44 2.17 0.00	51.03 1.93 0.00	48.18 1.57 0.00	39.18 1.18 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.96 -0.30 -1.05	19.71 -0.31 -0.06	24.07 -0.31 -0.65	21.26 -0.34 -0.14	24.40 -0.25 -0.69	23.22 -0.25 -0.36	26.93 -0.33 -1.10	29.88 -0.54 -1.11	23.75 -0.69 -0.23	22.19 -0.52 -0.07	24.59 -0.52 -0.19	24.37 -0.54 -0.15	29.58 -0.53 -0.39	38.19 -0.59 -1.19	39.51 -0.55 -1.36	46.80 -0.35 -1.82	49.61 -0.29 -2.14	90.50 -0.22 -4.63	85.35 -0.79 -3.63	59.81 -0.61 -3.37	56.64 -0.67 -3.04	50.53 -0.97 -2.39	47.92 -0.95 -2.25	38.67 -0.68 -1.36



NEG CENTRAL___DRP 24199	30.86 0.58 -2.07	20.38 0.29 -0.11	25.45 0.44 -1.28	22.01 0.28 -0.28	25.82 0.49 -1.37	24.24 0.42 -0.71	28.89 0.57 -2.17	32.07 0.57 -2.20	24.80 0.13 -0.46	22.79 0.01 -0.13	25.26 -0.04 -0.38	24.85 -0.21 -0.29	30.41 -0.09 -0.78	39.99 0.05 -2.34	41.38 0.01 -2.68	48.97 0.05 -3.60	51.72 -0.26 -4.22	95.49 0.27 -9.12	89.96 0.30 -7.15	63.99 0.30 -6.64	60.38 0.10 -6.00	53.74 -0.08 -4.72	50.74 -0.31 -4.44	40.52 -0.15 -2.68
NEG CENTRAL___INDECK 23768	30.59 1.28 -1.10	20.76 0.73 -0.06	25.41 1.00 -0.68	22.36 0.76 -0.15	25.77 1.09 -0.73	24.48 1.00 -0.37	28.48 1.17 -1.15	31.49 1.02 -1.17	24.67 0.22 -0.24	22.81 0.09 -0.07	25.33 0.21 -0.20	25.03 0.11 -0.15	30.45 0.31 -0.41	39.34 0.50 -1.24	40.59 0.48 -1.43	48.07 0.85 -1.91	50.88 0.88 -2.24	93.06 2.13 -4.84	89.14 2.83 -3.80	62.79 2.22 -3.52	59.49 2.04 -3.19	53.00 1.39 -2.51	50.18 1.21 -2.36	40.41 1.00 -1.42
NEG CENTRAL___SENECA 23627	30.90 0.85 -1.84	20.51 0.44 -0.10	25.52 0.66 -1.14	22.13 0.43 -0.25	25.90 0.72 -1.22	24.35 0.61 -0.63	28.90 0.82 -1.93	32.08 0.83 -1.95	24.89 0.27 -0.41	22.89 0.13 -0.12	25.32 0.06 -0.34	24.82 -0.21 -0.26	30.41 -0.01 -0.69	39.88 0.21 -2.08	41.18 0.10 -2.39	48.61 0.09 -3.20	51.01 -0.50 -3.76	94.33 0.13 -8.11	89.06 0.19 -6.36	63.24 0.29 -5.90	59.67 0.06 -5.34	53.17 -0.13 -4.20	50.13 -0.43 -3.94	40.20 -0.17 -2.38
NEG CENTRAL___STATE_STREET 24147	30.66 0.30 -2.14	20.22 0.14 -0.12	25.26 0.21 -1.33	21.88 0.13 -0.29	25.63 0.26 -1.42	24.06 0.22 -0.73	28.70 0.30 -2.25	31.86 0.28 -2.27	24.68 0.00 -0.48	22.70 -0.08 -0.14	25.20 -0.11 -0.39	24.91 -0.16 -0.30	30.41 -0.12 -0.80	39.96 -0.06 -2.43	41.42 -0.06 -2.78	49.10 0.06 -3.72	52.20 0.07 -4.37	96.18 0.64 -9.44	90.45 0.54 -7.41	64.35 0.42 -6.87	60.78 0.29 -6.21	54.14 0.15 -4.89	51.20 -0.01 -4.59	40.75 -0.01 -2.77
NEG MILLWOOD___DRP 24198	29.89 1.19 -0.49	20.84 0.87 0.00	24.60 0.88 0.00	22.27 0.82 0.00	24.83 0.87 0.00	24.11 0.93 -0.07	27.34 1.19 0.00	30.77 1.46 0.00	25.64 1.44 0.00	24.08 1.43 0.00	26.58 1.66 0.00	26.57 1.80 0.00	31.79 2.07 0.00	40.23 2.64 0.00	41.53 2.83 0.00	48.45 3.13 0.00	51.03 3.28 0.00	91.93 5.83 0.00	86.78 4.27 0.00	59.73 2.68 0.00	56.51 2.24 0.00	51.27 2.16 0.00	48.36 1.74 0.00	39.32 1.32 0.00
NEG NORTH_FLCN_SEA 23793	29.45 1.24 0.00	20.88 0.91 0.00	24.64 0.91 0.00	22.21 0.76 0.00	24.50 0.54 0.00	23.71 0.59 0.00	26.88 0.73 0.00	29.94 0.63 0.00	24.62 0.42 0.00	22.95 0.31 0.00	25.11 0.19 0.00	25.42 0.65 0.00	30.40 0.67 0.00	37.74 0.15 0.00	38.17 -0.52 0.00	45.12 -0.20 0.00	46.72 -1.04 0.00	84.16 -1.94 0.00	82.48 -0.04 0.00	57.16 0.11 0.00	54.69 0.42 0.00	49.59 0.49 0.00	47.78 1.17 0.00	39.56 1.57 0.00
NEG NORTH_KES_CHATEGAY 23792	28.91 0.70 0.00	20.48 0.51 0.00	24.22 0.50 0.00	21.81 0.35 0.00	24.16 0.20 0.00	23.38 0.27 0.00	26.45 0.30 0.00	29.50 0.19 0.00	24.27 0.07 0.00	22.65 0.01 0.00	24.84 -0.07 0.00	24.95 0.18 0.00	29.90 0.17 0.00	37.37 -0.21 0.00	38.07 -0.62 0.00	44.95 -0.37 0.00	47.08 -0.68 0.00	84.87 -1.22 0.00	83.01 0.50 0.00	57.56 0.51 0.00	55.24 0.97 0.00	49.91 0.81 0.00	47.76 1.14 0.00	39.19 1.20 0.00
NEG NORTH___ALICE_FALLS 23915	29.43 1.21 0.00	20.84 0.88 0.00	24.60 0.88 0.00	22.18 0.73 0.00	24.50 0.54 0.00	23.73 0.61 0.00	26.87 0.72 0.00	29.96 0.65 0.00	24.61 0.40 0.00	22.92 0.27 0.00	25.09 0.16 0.00	25.34 0.57 0.00	30.34 0.61 0.00	37.74 0.15 0.00	38.28 -0.42 0.00	45.36 0.04 0.00	47.11 -0.65 0.00	84.88 -1.21 0.00	83.39 0.87 0.00	57.81 0.75 0.00	55.36 1.10 0.00	50.10 1.00 0.00	48.12 1.51 0.00	39.65 1.66 0.00
NEG NORTH___LWR_SARANAC 23913	29.43 1.21 0.00	20.84 0.88 0.00	24.60 0.88 0.00	22.18 0.73 0.00	24.50 0.54 0.00	23.73 0.61 0.00	26.87 0.72 0.00	29.96 0.65 0.00	24.61 0.40 0.00	22.92 0.27 0.00	25.09 0.16 0.00	25.34 0.57 0.00	30.34 0.61 0.00	37.74 0.15 0.00	38.28 -0.42 0.00	45.36 0.04 0.00	47.11 -0.65 0.00	84.88 -1.21 0.00	83.39 0.87 0.00	57.81 0.75 0.00	55.36 1.10 0.00	50.10 1.00 0.00	48.12 1.51 0.00	39.65 1.66 0.00
NEG NORTH___PLATTSBURG 23628	29.43 1.21 0.00	20.85 0.88 0.00	24.60 0.88 0.00	22.18 0.73 0.00	24.50 0.54 0.00	23.73 0.61 0.00	26.87 0.72 0.00	29.96 0.65 0.00	24.60 0.40 0.00	22.92 0.28 0.00	25.09 0.16 0.00	25.34 0.57 0.00	30.34 0.61 0.00	37.74 0.15 0.00	38.28 -0.42 0.00	45.36 0.04 0.00	47.11 -0.65 0.00	84.89 -1.21 0.00	83.39 0.88 0.00	57.81 0.75 0.00	55.37 1.10 0.00	50.10 1.00 0.00	48.12 1.51 0.00	39.65 1.66 0.00
NEG WEST_LEA_LOCKPORT 23791	29.46 0.30 -0.96	20.07 0.06 -0.05	24.55 0.24 -0.59	21.65 0.07 -0.13	24.91 0.32 -0.63	23.52 0.08 -0.33	26.82 -0.33 -1.00	29.34 -0.99 -1.01	23.15 -1.26 -0.21	21.98 -0.73 -0.06	24.44 -0.65 -0.18	24.11 -0.79 -0.14	29.33 -0.76 -0.36	37.76 -0.91 -1.08	38.72 -1.21 -1.24	46.02 -0.96 -1.66	48.61 -1.10 -1.95	88.07 -2.24 -4.22	82.16 -3.65 -3.31	57.57 -2.55 -3.07	54.69 -2.36 -2.77	48.63 -2.66 -2.18	46.55 -2.12 -2.05	38.55 -0.68 -1.24
NEG WEST___LANCASTR 23811	29.40 0.19 -0.99	19.97 -0.05 -0.06	24.46 0.12 -0.62	21.51 -0.07 -0.13	24.85 0.23 -0.66	23.50 0.05 -0.34	27.00 -0.19 -1.04	29.76 -0.60 -1.05	23.55 -0.87 -0.22	22.31 -0.39 -0.06	24.82 -0.28 -0.18	24.54 -0.36 -0.14	29.85 -0.24 -0.37	38.50 -0.21 -1.12	39.46 -0.51 -1.29	46.76 -0.28 -1.72	49.41 -0.37 -2.03	89.66 -0.81 -4.37	83.51 -2.44 -3.43	58.53 -1.71 -3.18	55.57 -1.58 -2.88	49.55 -1.81 -2.26	47.22 -1.52 -2.13	38.48 -0.79 -1.28
NEG_PENN_ALLEGHNY 23528	29.78 0.38 -1.20	20.20 0.17 -0.07	24.75 0.29 -0.74	21.77 0.16 -0.16	25.08 0.33 -0.79	23.74 0.23 -0.41	27.71 0.31 -1.25	30.88 0.30 -1.27	24.57 0.10 -0.27	22.82 0.09 -0.08	25.29 0.15 -0.22	25.10 0.16 -0.17	30.43 0.26 -0.45	39.33 0.38 -1.35	40.57 0.33 -1.55	47.81 0.42 -2.08	50.59 0.39 -2.44	92.34 0.97 -5.27	86.91 0.26 -4.14	61.12 0.23 -3.84	57.89 0.14 -3.47	52.04 0.21 -2.73	49.25 0.07 -2.57	39.54 0.01 -1.55
NEG___GEN_MONROE 24207	29.85 0.70 -0.94	20.44 0.42 -0.05	24.91 0.61 -0.58	22.04 0.45 -0.13	25.25 0.67 -0.62	24.05 0.62 -0.32	27.68 0.54 -0.98	30.62 0.31 -1.00	24.25 -0.16 -0.21	22.71 0.00 -0.06	25.17 0.08 -0.17	24.96 0.06 -0.13	30.25 0.18 -0.35	39.02 0.37 -1.06	40.26 0.35 -1.22	47.72 0.77 -1.63	50.51 0.84 -1.92	92.14 1.91 -4.13	86.82 1.06 -3.24	60.82 0.76 -3.01	57.65 0.66 -2.72	51.40 0.16 -2.14	48.81 0.18 -2.01	39.63 0.43 -1.21
NEPA___ENERGY 23901	29.59 0.38 -1.00	20.02 0.00 -0.06	24.59 0.25 -0.62	21.49 -0.09 -0.13	24.99 0.37 -0.66	23.53 0.08 -0.34	27.17 -0.02 -1.04	30.07 -0.29 -1.06	23.69 -0.73 -0.22	22.32 -0.39 -0.06	24.89 -0.21 -0.18	24.67 -0.24 -0.14	30.06 -0.04 -0.37	38.77 0.06 -1.13	39.73 -0.25 -1.29	47.03 -0.02 -1.73	49.54 -0.25 -2.03	90.16 -0.32 -4.39	83.78 -2.17 -3.44	58.81 -1.43 -3.19	55.71 -1.45 -2.89	50.03 -1.34 -2.27	47.40 -1.34 -2.13	38.45 -0.83 -1.29

NEVERSINK___HYD 23608	29.04 0.53 -0.29	20.34 0.37 0.00	24.06 0.34 0.00	21.76 0.31 0.00	24.32 0.36 0.00	23.58 0.43 -0.04	26.75 0.60 0.00	30.10 0.79 0.00	24.99 0.79 0.00	23.35 0.70 0.00	25.75 0.83 0.00	25.70 0.93 0.00	30.75 1.02 0.00	38.90 1.32 0.00	40.17 1.48 0.00	46.93 1.61 0.00	46.82 1.78 2.71	89.14 3.40 0.35	84.85 2.34 0.00	58.52 1.46 0.00	55.39 1.12 0.00	50.24 1.14 0.00	47.43 0.81 0.00	38.53 0.53 0.00
NEWKRMKL_115KV_TB1 55635	28.00 0.12 0.34	20.14 0.17 0.00	23.91 0.18 0.00	21.72 0.27 0.00	24.13 0.17 0.00	23.27 0.20 0.05	26.35 0.20 0.00	29.65 0.34 0.00	24.54 0.34 0.00	22.90 0.26 0.00	25.13 0.21 0.00	25.00 0.24 0.00	29.81 0.09 0.00	37.69 0.10 0.00	38.87 0.18 0.00	45.47 0.15 0.00	47.88 0.12 0.00	86.20 0.10 0.00	82.13 -0.38 0.00	56.74 -0.31 0.00	53.86 -0.41 0.00	48.83 -0.27 0.00	46.22 -0.39 0.00	37.68 -0.31 0.00
NEWTON___FALLS_HYD 23847	29.71 0.80 -0.70	20.57 0.57 -0.04	24.89 0.73 -0.43	22.16 0.61 -0.09	25.13 0.71 -0.46	24.12 0.77 -0.24	27.72 0.84 -0.73	30.87 0.82 -0.74	24.67 0.31 -0.16	22.75 0.06 -0.05	25.05 0.01 -0.13	24.82 -0.04 -0.10	29.97 -0.01 -0.26	38.53 0.15 -0.79	39.61 0.01 -0.90	46.21 -0.32 -1.21	49.09 -0.09 -1.42	90.25 1.09 -3.07	87.12 2.20 -2.41	60.84 1.55 -2.24	57.88 1.58 -2.02	52.27 1.58 -1.59	50.08 1.97 -1.50	40.33 1.43 -0.90
NGRID_A1_DSASP 323792	28.95 -0.21 -0.95	19.76 -0.26 -0.05	24.18 -0.14 -0.59	21.33 -0.25 -0.13	24.57 -0.02 -0.63	23.25 -0.18 -0.33	26.47 -0.68 -1.00	28.98 -1.33 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.26 -0.83 -0.18	23.94 -0.96 -0.13	29.08 -1.00 -0.35	37.52 -1.15 -1.08	38.51 -1.42 -1.23	45.79 -1.18 -1.65	48.38 -1.32 -1.94	86.91 -3.37 -4.19	80.87 -4.92 -3.29	56.68 -3.42 -3.05	53.86 -3.16 -2.76	48.02 -3.25 -2.17	46.25 -2.40 -2.04	37.92 -1.30 -1.23
NGRID_A2_DSASP 323793	28.95 -0.21 -0.95	19.76 -0.26 -0.05	24.18 -0.14 -0.59	21.33 -0.25 -0.13	24.57 -0.02 -0.63	23.25 -0.18 -0.33	26.47 -0.68 -1.00	28.98 -1.33 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.26 -0.83 -0.18	23.94 -0.96 -0.13	29.08 -1.00 -0.35	37.52 -1.15 -1.08	38.51 -1.42 -1.23	45.79 -1.18 -1.65	48.38 -1.32 -1.94	86.91 -3.37 -4.19	80.87 -4.92 -3.29	56.68 -3.42 -3.05	53.86 -3.16 -2.76	48.02 -3.25 -2.17	46.25 -2.40 -2.04	37.92 -1.30 -1.23
NGRID_A4_DSASP 323807	28.95 -0.21 -0.95	19.76 -0.26 -0.05	24.18 -0.14 -0.59	21.33 -0.25 -0.13	24.57 -0.02 -0.63	23.25 -0.18 -0.33	26.47 -0.68 -1.00	28.98 -1.33 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.26 -0.83 -0.18	23.94 -0.96 -0.13	29.08 -1.00 -0.35	37.52 -1.15 -1.08	38.51 -1.42 -1.23	45.79 -1.18 -1.65	48.38 -1.32 -1.94	86.91 -3.37 -4.19	80.87 -4.92 -3.29	56.68 -3.42 -3.05	53.86 -3.16 -2.76	48.02 -3.25 -2.17	46.25 -2.40 -2.04	37.92 -1.30 -1.23
NIAGARA_115E_LBMP 323715	29.20 0.03 -0.96	19.89 -0.13 -0.05	24.35 0.04 -0.59	21.47 -0.11 -0.13	24.73 0.14 -0.63	23.39 -0.05 -0.33	26.65 -0.50 -1.00	29.10 -1.23 -1.01	22.95 -1.47 -0.21	21.83 -0.88 -0.06	24.28 -0.82 -0.18	23.94 -0.96 -0.14	29.09 -0.99 -0.36	37.35 -1.32 -1.08	38.30 -1.64 -1.24	45.52 -1.46 -1.66	48.07 -1.64 -1.95	87.08 -3.23 -4.21	81.10 -4.72 -3.31	56.83 -3.29 -3.07	54.00 -3.04 -2.77	47.99 -3.30 -2.18	45.97 -2.70 -2.05	38.18 -1.04 -1.24
NIAGARA_115W_LBMP 323714	28.90 -0.26 -0.95	19.72 -0.29 -0.05	24.14 -0.17 -0.59	21.30 -0.28 -0.13	24.53 -0.06 -0.63	23.21 -0.22 -0.33	26.42 -0.72 -1.00	28.93 -1.39 -1.01	22.87 -1.54 -0.21	21.77 -0.93 -0.06	24.22 -0.88 -0.18	23.89 -1.01 -0.13	29.03 -1.05 -0.35	37.45 -1.21 -1.07	38.43 -1.49 -1.23	45.70 -1.27 -1.65	48.29 -1.41 -1.94	86.68 -3.60 -4.18	80.69 -5.10 -3.28	56.54 -3.56 -3.05	53.74 -3.29 -2.75	47.93 -3.34 -2.17	46.18 -2.47 -2.04	37.86 -1.37 -1.23
NIAGARA_230_LBMP 323716	29.12 -0.04 -0.94	19.85 -0.17 -0.05	24.29 -0.02 -0.58	21.43 -0.15 -0.13	24.67 0.09 -0.62	23.36 -0.07 -0.32	26.64 -0.49 -0.99	29.19 -1.12 -1.00	23.10 -1.31 -0.21	21.96 -0.74 -0.06	24.42 -0.67 -0.17	24.11 -0.79 -0.13	29.29 -0.79 -0.35	37.73 -0.93 -1.07	38.72 -1.19 -1.22	46.03 -0.93 -1.64	48.62 -1.06 -1.92	87.97 -2.27 -4.16	81.95 -3.82 -3.26	57.40 -2.68 -3.02	54.55 -2.46 -2.73	48.53 -2.72 -2.15	46.52 -2.12 -2.02	38.13 -1.08 -1.22
NIAGARA___115KV_198_GIBSON 55903	28.90 -0.26 -0.95	19.74 -0.28 -0.05	24.14 -0.17 -0.59	21.30 -0.28 -0.13	24.53 -0.06 -0.63	23.21 -0.22 -0.33	26.43 -0.71 -1.00	28.95 -1.36 -1.01	22.88 -1.54 -0.21	21.77 -0.93 -0.06	24.22 -0.87 -0.18	23.89 -1.01 -0.13	29.04 -1.04 -0.35	37.45 -1.22 -1.07	38.44 -1.49 -1.23	45.70 -1.27 -1.65	48.29 -1.40 -1.94	86.70 -3.58 -4.18	80.72 -5.07 -3.28	56.54 -3.56 -3.05	53.77 -3.26 -2.75	47.96 -3.31 -2.17	46.19 -2.46 -2.04	37.86 -1.36 -1.23
NIAGARA____ 23760	29.12 -0.04 -0.95	19.85 -0.17 -0.05	24.30 -0.02 -0.59	21.43 -0.15 -0.13	24.68 0.09 -0.63	23.36 -0.07 -0.33	26.65 -0.49 -0.99	29.20 -1.12 -1.01	23.10 -1.31 -0.21	21.96 -0.74 -0.06	24.42 -0.67 -0.17	24.11 -0.79 -0.13	29.29 -0.79 -0.35	37.74 -0.93 -1.07	38.72 -1.19 -1.23	46.04 -0.93 -1.65	48.63 -1.06 -1.93	88.00 -2.27 -4.18	81.97 -3.82 -3.28	57.41 -2.68 -3.04	54.56 -2.46 -2.75	48.54 -2.72 -2.16	46.54 -2.12 -2.04	38.14 -1.08 -1.23
NINE_MILE_1 23575	14.93 -0.68 12.61	18.75 -0.51 0.70	15.31 -0.58 7.82	19.20 -0.56 1.70	15.05 -0.57 8.33	18.24 -0.57 4.30	12.29 -0.63 13.22	15.18 -0.74 13.38	20.69 -0.70 2.81	21.15 -0.67 0.83	21.87 -0.74 2.32	22.25 -0.74 1.78	24.14 -0.87 4.71	22.24 -1.06 14.28	21.26 -1.08 16.36	22.20 -1.21 21.91	20.77 -1.24 25.75	28.43 -2.07 55.59	36.69 -2.21 43.61	15.09 -1.51 40.45	16.18 -1.50 36.59	18.93 -1.40 28.77	18.19 -1.37 27.05	20.56 -1.12 16.31
NINE_MILE_2 23744	14.71 -0.68 12.82	18.74 -0.51 0.71	15.18 -0.59 7.96	19.17 -0.56 1.73	14.91 -0.57 8.48	18.17 -0.57 4.37	12.07 -0.63 13.45	14.96 -0.74 13.61	20.64 -0.70 2.86	21.13 -0.67 0.84	21.83 -0.74 2.36	22.22 -0.74 1.81	24.06 -0.87 4.79	22.00 -1.06 14.53	20.98 -1.08 16.63	21.82 -1.21 22.29	20.33 -1.24 26.18	27.48 -2.07 56.54	35.95 -2.21 44.35	14.40 -1.51 41.14	15.56 -1.50 37.21	18.44 -1.40 29.26	17.73 -1.37 27.51	20.28 -1.12 16.58
NM_CAPITAL___DRP 24208	28.01 0.18 0.38	20.18 0.21 0.00	23.94 0.22 0.00	21.76 0.30 0.00	24.17 0.21 0.00	23.28 0.23 0.06	26.40 0.25 0.00	29.69 0.38 0.00	24.59 0.39 0.00	22.96 0.32 0.00	25.19 0.27 0.00	25.05 0.29 0.00	29.89 0.16 0.00	37.77 0.18 0.00	38.95 0.26 0.00	45.57 0.25 0.00	47.94 0.18 0.00	86.23 0.13 0.00	82.13 -0.38 0.00	56.79 -0.27 0.00	53.92 -0.35 0.00	48.88 -0.22 0.00	46.28 -0.34 0.00	37.73 -0.27 0.00
NM_CENTRAL___DRP 24181	29.83 -0.06 -1.68	19.97 -0.09 -0.09	24.68 -0.09 -1.04	21.57 -0.11 -0.23	25.01 -0.06 -1.11	23.61 -0.08 -0.57	27.84 -0.07 -1.76	30.97 -0.13 -1.78	24.34 -0.24 -0.37	22.51 -0.24 -0.11	24.97 -0.26 -0.31	24.75 -0.25 -0.24	30.10 -0.25 -0.63	39.23 -0.26 -1.90	40.64 -0.23 -2.18	48.07 -0.17 -2.92	51.08 -0.11 -3.43	93.61 0.11 -7.41	88.10 -0.22 -5.81	62.25 -0.20 -5.39	58.84 -0.30 -4.87	52.58 -0.36 -3.83	49.79 -0.43 -3.60	39.78 -0.38 -2.17

NM_FRONTIER___DRP 24179	28.90 -0.26 -0.95	19.74 -0.28 -0.05	24.14 -0.17 -0.59	21.30 -0.28 -0.13	24.53 -0.06 -0.63	23.21 -0.22 -0.33	26.43 -0.71 -1.00	28.95 -1.36 -1.01	22.88 -1.54 -0.21	21.77 -0.93 -0.06	24.22 -0.87 -0.18	23.89 -1.01 -0.13	29.04 -1.04 -0.35	37.45 -1.22 -1.07	38.44 -1.49 -1.23	45.70 -1.27 -1.65	48.29 -1.40 -1.94	86.70 -3.58 -4.18	80.72 -5.07 -3.28	56.54 -3.56 -3.05	53.77 -3.26 -2.75	47.96 -3.31 -2.17	46.19 -2.46 -2.04	37.86 -1.36 -1.23
NM_ST_REGIS___HYD 24053	29.16 0.61 -0.34	20.41 0.42 -0.02	24.46 0.53 -0.21	21.90 0.40 -0.05	24.60 0.41 -0.22	23.71 0.49 -0.12	26.97 0.46 -0.36	30.10 0.43 -0.36	24.42 0.14 -0.08	22.71 0.04 -0.02	25.04 0.06 -0.06	24.89 0.07 -0.05	30.00 0.14 -0.13	38.08 0.11 -0.38	39.08 -0.05 -0.44	45.78 -0.12 -0.59	48.44 -0.01 -0.69	88.25 0.66 -1.50	85.76 2.07 -1.17	59.82 1.67 -1.09	57.20 1.95 -0.98	51.43 1.56 -0.77	49.14 1.79 -0.73	39.95 1.52 -0.44
NORTHPORT___1 23551	29.70 0.98 -0.51	20.75 0.79 0.00	24.39 0.67 0.00	21.97 0.52 0.00	24.51 0.55 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.09 0.78 0.00	25.27 1.06 0.00	23.81 1.17 0.00	26.54 1.62 0.00	26.53 1.77 0.00	31.82 2.09 0.00	40.20 2.61 0.00	41.55 2.86 0.00	47.94 2.63 0.00	50.10 2.35 0.00	89.31 3.22 0.00	83.88 1.37 0.00	57.75 0.70 0.00	54.82 0.55 0.00	49.70 0.60 0.00	46.92 0.31 0.00	38.62 0.62 0.00
NORTHPORT___2 23552	29.70 0.98 -0.51	20.75 0.79 0.00	24.39 0.67 0.00	21.97 0.52 0.00	24.51 0.55 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.09 0.78 0.00	25.27 1.06 0.00	23.81 1.17 0.00	26.54 1.62 0.00	26.53 1.77 0.00	31.82 2.09 0.00	40.20 2.61 0.00	41.55 2.86 0.00	47.94 2.63 0.00	50.10 2.35 0.00	89.31 3.22 0.00	83.88 1.37 0.00	57.75 0.70 0.00	54.82 0.55 0.00	49.70 0.60 0.00	46.92 0.31 0.00	38.62 0.62 0.00
NORTHPORT___3 23553	29.58 0.86 -0.51	20.74 0.77 0.00	24.37 0.64 0.00	21.96 0.51 0.00	24.51 0.55 0.00	23.84 0.66 -0.07	26.95 0.81 0.00	29.98 0.67 0.00	25.21 1.01 0.00	23.77 1.13 0.00	26.53 1.62 0.00	26.53 1.76 0.00	31.81 2.09 0.00	40.23 2.65 0.00	41.55 2.86 0.00	47.75 2.43 0.00	49.82 2.07 0.00	89.05 2.96 0.00	83.65 1.14 0.00	57.57 0.52 0.00	54.62 0.35 0.00	49.54 0.44 0.00	46.87 0.26 0.00	38.62 0.63 0.00
NORTHPORT___4 23650	29.58 0.86 -0.51	20.74 0.77 0.00	24.37 0.64 0.00	21.96 0.51 0.00	24.51 0.55 0.00	23.84 0.66 -0.07	26.95 0.81 0.00	29.98 0.67 0.00	25.21 1.01 0.00	23.77 1.13 0.00	26.53 1.62 0.00	26.53 1.76 0.00	31.81 2.09 0.00	40.23 2.65 0.00	41.55 2.86 0.00	47.75 2.43 0.00	49.82 2.07 0.00	89.05 2.96 0.00	83.65 1.14 0.00	57.57 0.52 0.00	54.62 0.35 0.00	49.54 0.44 0.00	46.87 0.26 0.00	38.62 0.63 0.00
NORTHPORT___IC 23718	29.70 0.98 -0.51	20.75 0.78 0.00	24.39 0.67 0.00	21.97 0.52 0.00	24.51 0.56 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.08 0.78 0.00	25.27 1.06 0.00	23.81 1.17 0.00	26.54 1.62 0.00	26.53 1.77 0.00	31.82 2.09 0.00	40.20 2.61 0.00	41.55 2.86 0.00	47.94 2.63 0.00	50.11 2.35 0.00	89.31 3.21 0.00	83.88 1.38 0.00	57.75 0.70 0.00	54.82 0.55 0.00	49.70 0.60 0.00	46.93 0.32 0.00	38.62 0.62 0.00
NORTH___COUNTRY_ESR 323785	28.81 0.60 0.00	20.40 0.44 0.00	24.13 0.40 0.00	21.74 0.29 0.00	24.10 0.14 0.00	23.32 0.21 0.00	26.34 0.19 0.00	29.39 0.08 0.00	24.22 0.02 0.00	22.64 0.00 0.00	24.84 -0.08 0.00	24.94 0.18 0.00	29.89 0.17 0.00	37.36 -0.22 0.00	38.07 -0.63 0.00	44.94 -0.38 0.00	47.08 -0.68 0.00	84.87 -1.22 0.00	82.88 0.37 0.00	57.41 0.36 0.00	55.07 0.81 0.00	49.77 0.67 0.00	47.64 1.02 0.00	39.07 1.08 0.00
NPX_GEN_1385_PROXY 323591	29.70 0.98 -0.51	20.75 0.79 0.00	24.39 0.67 0.00	21.97 0.52 0.00	24.51 0.55 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.09 0.78 0.00	25.27 1.06 0.00	23.81 1.17 0.00	26.54 1.62 0.00	26.47 1.77 0.07	31.82 2.09 0.00	40.20 2.61 0.00	41.55 2.86 0.00	47.94 2.63 0.00	50.10 2.35 0.00	89.31 3.22 0.00	83.88 1.37 0.00	57.75 0.70 0.00	54.82 0.55 0.00	49.70 0.60 0.00	47.95 0.31 -1.02	37.62 0.62 1.00
NPX_GEN_CSC 323557	28.97 0.76 0.00	20.74 0.78 0.00	24.38 0.65 0.00	21.83 0.37 0.00	24.35 0.39 0.00	23.61 0.50 0.00	26.82 0.67 0.00	30.00 0.69 0.00	25.21 1.00 0.00	23.74 1.10 0.00	26.42 1.50 0.00	26.26 1.57 0.07	31.54 1.82 0.00	39.95 2.36 0.00	41.42 2.73 0.00	47.93 2.60 0.00	50.24 2.48 0.00	89.61 3.52 0.00	84.18 1.67 0.00	57.89 0.84 0.00	54.97 0.70 0.00	49.72 0.62 0.00	47.83 0.19 -1.02	37.41 0.41 1.00
NSINS_S_GLNS_FALLS 23858	29.13 1.40 0.47	21.04 1.08 0.00	24.92 1.19 0.00	22.62 1.16 0.00	25.17 1.21 0.00	24.15 1.11 0.07	27.68 1.53 0.00	31.02 1.71 0.00	25.42 1.22 0.00	23.59 0.95 0.00	25.66 0.75 0.00	25.42 0.65 0.00	30.47 0.75 0.00	38.54 0.95 0.00	39.76 1.06 0.00	46.84 1.52 0.00	49.73 1.97 0.00	90.36 4.27 0.00	86.76 4.25 0.00	60.16 3.10 0.00	57.14 2.87 0.00	51.66 2.56 0.00	48.57 1.96 0.00	39.44 1.45 0.00
NUCOR_STEEL___DRP 24197	30.63 0.24 -2.18	20.19 0.10 -0.12	25.24 0.16 -1.36	21.84 0.09 -0.29	25.60 0.20 -1.44	24.03 0.17 -0.74	28.68 0.24 -2.29	31.84 0.21 -2.32	24.65 -0.04 -0.49	22.68 -0.11 -0.14	25.18 -0.14 -0.40	24.91 -0.16 -0.31	30.40 -0.13 -0.82	39.97 -0.09 -2.47	41.45 -0.08 -2.83	49.15 0.03 -3.80	52.32 0.10 -4.46	96.35 0.63 -9.63	90.57 0.50 -7.55	64.46 0.39 -7.01	60.88 0.27 -6.34	54.22 0.13 -4.98	51.30 0.00 -4.69	40.79 -0.03 -2.83
NUMBER_THREE_WT_PWR 323818	30.14 1.09 -0.85	20.79 0.78 -0.05	25.22 0.97 -0.53	22.42 0.85 -0.11	25.51 0.99 -0.56	24.45 1.04 -0.29	28.27 1.23 -0.89	31.42 1.21 -0.90	24.96 0.57 -0.19	22.91 0.21 -0.06	25.16 0.08 -0.16	24.93 0.04 -0.12	30.06 0.02 -0.32	38.76 0.21 -0.96	39.88 0.09 -1.10	46.50 -0.29 -1.47	49.37 -0.12 -1.73	91.27 1.44 -3.74	87.78 2.33 -2.93	61.09 1.31 -2.72	57.85 1.12 -2.46	52.46 1.42 -1.94	50.50 2.07 -1.82	40.46 1.37 -1.10
NYISO_LBMP_REFERENCE 24008	28.21 0.00 0.00	19.97 0.00 0.00	23.72 0.00 0.00	21.45 0.00 0.00	23.96 0.00 0.00	23.11 0.00 0.00	26.15 0.00 0.00	29.31 0.00 0.00	24.21 0.00 0.00	22.64 0.00 0.00	24.92 0.00 0.00	24.77 0.00 0.00	29.72 0.00 0.00	37.59 0.00 0.00	38.69 0.00 0.00	45.32 0.00 0.00	47.76 0.00 0.00	86.09 0.00 0.00	82.51 0.00 0.00	57.05 0.00 0.00	54.27 0.00 0.00	49.10 0.00 0.00	46.62 0.00 0.00	37.99 0.00 0.00
NYPA_BRENTWD____GT 24164	29.99 1.27 -0.51	20.97 1.01 0.00	24.66 0.94 0.00	22.19 0.74 0.00	24.76 0.80 0.00	24.10 0.92 -0.07	27.30 1.15 0.00	30.50 1.19 0.00	25.60 1.40 0.00	24.12 1.47 0.00	26.82 1.91 0.00	26.80 2.03 0.00	32.15 2.42 0.00	40.69 3.10 0.00	42.10 3.41 0.00	48.57 3.26 0.00	50.86 3.10 0.00	90.31 4.22 0.00	84.82 2.31 0.00	58.55 1.49 0.00	55.81 1.54 0.00	50.55 1.46 0.00	47.69 1.08 0.00	39.18 1.18 0.00

NYPA_GOWANUS____GT5 24156	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.76 3.44 0.00	51.34 3.58 0.00	92.35 6.26 0.00	86.88 4.37 0.00	59.72 2.67 0.00	56.47 2.20 0.00	51.38 2.27 0.00	48.52 1.90 0.00	39.51 1.52 0.00
NYPA_GOWANUS____GT6 24157	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.86 0.91 0.00	24.22 1.04 -0.07	27.46 1.31 0.00	30.93 1.62 0.00	25.83 1.63 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.43 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.76 3.44 0.00	51.34 3.58 0.00	92.35 6.26 0.00	86.88 4.37 0.00	59.72 2.67 0.00	56.47 2.20 0.00	51.38 2.27 0.00	48.52 1.90 0.00	39.51 1.52 0.00
NYPA_HARLEM__RVR__GT1 24160	29.76 1.04 -0.51	20.76 0.80 0.00	24.49 0.77 0.01	22.21 0.77 0.02	24.75 0.79 0.01	24.07 0.89 -0.07	27.25 1.10 0.00	30.71 1.40 0.00	25.68 1.47 0.00	24.12 1.47 0.00	26.74 1.82 0.00	26.75 1.98 0.00	31.94 2.22 0.00	40.37 2.78 0.00	41.66 2.97 0.00	48.40 3.08 0.00	50.94 3.19 0.00	91.65 5.56 0.00	86.27 3.76 0.00	59.34 2.29 0.00	56.12 1.85 0.00	51.01 1.91 0.00	48.16 1.54 0.00	39.21 1.22 0.00
NYPA_HARLEM__RVR__GT2 24161	29.76 1.04 -0.51	20.76 0.80 0.00	24.49 0.77 0.01	22.21 0.77 0.02	24.75 0.79 0.01	24.07 0.89 -0.07	27.25 1.10 0.00	30.71 1.40 0.00	25.68 1.47 0.00	24.12 1.47 0.00	26.74 1.82 0.00	26.75 1.98 0.00	31.94 2.22 0.00	40.37 2.78 0.00	41.66 2.97 0.00	48.40 3.08 0.00	50.94 3.19 0.00	91.65 5.56 0.00	86.27 3.76 0.00	59.34 2.29 0.00	56.12 1.85 0.00	51.01 1.91 0.00	48.16 1.54 0.00	39.21 1.22 0.00
NYPA_KENT____GT 24152	29.96 1.24 -0.51	20.91 0.94 0.00	24.61 0.88 0.00	22.30 0.85 0.00	24.85 0.89 0.00	24.19 1.01 -0.07	27.42 1.27 0.00	30.89 1.58 0.00	25.82 1.61 0.00	24.28 1.63 0.00	26.83 1.91 0.00	26.88 2.12 0.00	32.14 2.42 0.00	40.64 3.05 0.00	41.93 3.24 0.00	48.73 3.41 0.00	51.27 3.51 0.00	92.20 6.10 0.00	86.78 4.27 0.00	59.62 2.57 0.00	56.37 2.10 0.00	51.27 2.17 0.00	48.41 1.79 0.00	39.43 1.44 0.00
NYPA_POUCH1____GT 24155	30.10 1.38 -0.51	20.99 1.02 0.00	24.56 0.84 0.00	22.24 0.79 0.00	24.80 0.84 0.00	24.20 1.01 -0.07	27.41 1.26 0.00	30.89 1.58 0.00	25.78 1.58 0.00	24.22 1.58 0.00	26.76 1.84 0.00	26.81 2.05 0.00	32.06 2.34 0.00	40.57 2.98 0.00	41.93 3.24 0.00	48.78 3.46 0.00	51.43 3.67 0.00	92.61 6.52 0.00	87.12 4.61 0.00	59.85 2.80 0.00	56.60 2.33 0.00	51.55 2.45 0.00	48.71 2.09 0.00	39.61 1.62 0.00
NYPA_VERNON____GT2 24162	29.89 1.17 -0.51	20.87 0.90 0.00	24.58 0.86 0.00	22.30 0.84 0.00	24.83 0.87 0.00	24.16 0.98 -0.07	27.38 1.23 0.00	30.85 1.54 0.00	25.80 1.59 0.00	24.27 1.63 0.00	26.83 1.91 0.00	26.88 2.11 0.00	32.12 2.40 0.00	40.61 3.02 0.00	41.90 3.21 0.00	48.69 3.37 0.00	51.24 3.48 0.00	92.12 6.02 0.00	86.71 4.20 0.00	59.57 2.52 0.00	56.32 2.05 0.00	51.20 2.10 0.00	48.34 1.72 0.00	39.36 1.36 0.00
NYPA_VERNON____GT3 24163	29.89 1.17 -0.51	20.87 0.90 0.00	24.58 0.86 0.00	22.30 0.84 0.00	24.83 0.87 0.00	24.16 0.98 -0.07	27.38 1.23 0.00	30.85 1.54 0.00	25.80 1.59 0.00	24.27 1.63 0.00	26.83 1.91 0.00	26.88 2.11 0.00	32.12 2.40 0.00	40.61 3.02 0.00	41.90 3.21 0.00	48.69 3.37 0.00	51.24 3.48 0.00	92.12 6.02 0.00	86.71 4.20 0.00	59.57 2.52 0.00	56.32 2.05 0.00	51.20 2.10 0.00	48.34 1.72 0.00	39.36 1.36 0.00
NYPA____ASTORIA_CC1 323568	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.80 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.86 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.80 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.83 0.00	86.53 4.02 0.00	59.46 2.41 0.00	56.21 1.94 0.00	51.11 2.01 0.00	48.25 1.63 0.00	39.29 1.30 0.00
NYPA____ASTORIA_CC2 323569	29.83 1.10 -0.51	20.84 0.87 0.00	24.54 0.82 0.00	22.27 0.82 0.00	24.80 0.83 0.00	24.13 0.95 -0.07	27.33 1.18 0.00	30.79 1.48 0.00	25.76 1.55 0.00	24.23 1.59 0.00	26.78 1.86 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.80 3.11 0.00	48.59 3.27 0.00	51.13 3.37 0.00	91.92 5.83 0.00	86.53 4.02 0.00	59.46 2.41 0.00	56.21 1.94 0.00	51.11 2.01 0.00	48.25 1.63 0.00	39.29 1.30 0.00
NYPA____HOLTSVILL 23794	29.67 0.95 -0.51	20.82 0.85 0.00	24.47 0.75 0.00	21.98 0.53 0.00	24.52 0.56 0.00	23.85 0.67 -0.07	26.99 0.84 0.00	30.16 0.85 0.00	25.33 1.12 0.00	23.86 1.22 0.00	26.55 1.63 0.00	26.49 1.73 0.00	31.77 2.04 0.00	40.22 2.63 0.00	41.65 2.95 0.00	48.15 2.83 0.00	50.43 2.67 0.00	89.87 3.78 0.00	84.41 1.90 0.00	58.07 1.02 0.00	55.20 0.93 0.00	49.98 0.87 0.00	47.11 0.49 0.00	38.72 0.73 0.00
NYPA____HELLGATE_GT1 24158	29.76 1.04 -0.51	20.76 0.80 0.00	24.50 0.77 0.00	22.22 0.77 0.00	24.75 0.79 0.00	24.07 0.89 -0.07	27.25 1.10 0.00	30.71 1.40 0.00	25.68 1.47 0.00	24.12 1.47 0.00	26.74 1.82 0.00	26.75 1.98 0.00	31.94 2.22 0.00	40.37 2.78 0.00	41.66 2.97 0.00	48.40 3.08 0.00	50.94 3.19 0.00	91.65 5.56 0.00	86.27 3.76 0.00	59.34 2.29 0.00	56.12 1.85 0.00	51.01 1.91 0.00	48.16 1.54 0.00	39.21 1.22 0.00
NYPA____HELLGATE_GT2 24159	29.76 1.04 -0.51	20.76 0.80 0.00	24.50 0.77 0.00	22.22 0.77 0.00	24.75 0.79 0.00	24.07 0.89 -0.07	27.25 1.10 0.00	30.71 1.40 0.00	25.68 1.47 0.00	24.12 1.47 0.00	26.74 1.82 0.00	26.75 1.98 0.00	31.94 2.22 0.00	40.37 2.78 0.00	41.66 2.97 0.00	48.40 3.08 0.00	50.94 3.19 0.00	91.65 5.56 0.00	86.27 3.76 0.00	59.34 2.29 0.00	56.12 1.85 0.00	51.01 1.91 0.00	48.16 1.54 0.00	39.21 1.22 0.00
NYS_BARGE____HYD 23848	29.49 0.32 -0.96	20.08 0.07 -0.05	24.58 0.27 -0.59	21.67 0.09 -0.13	24.94 0.35 -0.63	23.57 0.13 -0.33	26.88 -0.27 -1.00	29.40 -0.92 -1.01	23.21 -1.21 -0.21	22.03 -0.68 -0.06	24.49 -0.60 -0.18	24.17 -0.74 -0.14	29.38 -0.70 -0.36	37.83 -0.84 -1.08	38.77 -1.16 -1.24	46.09 -0.89 -1.66	48.68 -1.02 -1.95	88.22 -2.08 -4.21	82.30 -3.51 -3.30	57.68 -2.44 -3.06	54.78 -2.26 -2.77	48.70 -2.58 -2.18	46.61 -2.05 -2.05	38.62 -0.61 -1.23
OAK ORCHARD____HYD 24046	29.51 0.36 -0.94	20.16 0.13 -0.05	24.54 0.23 -0.58	21.71 0.13 -0.12	24.88 0.30 -0.62	23.67 0.24 -0.32	27.31 0.18 -0.98	30.28 -0.02 -1.00	24.12 -0.29 -0.21	22.61 -0.10 -0.06	25.07 -0.02 -0.17	24.86 -0.04 -0.13	30.17 0.09 -0.35	38.87 0.22 -1.06	40.14 0.24 -1.22	47.53 0.58 -1.63	50.36 0.69 -1.91	91.64 1.42 -4.13	86.36 0.61 -3.24	60.43 0.38 -3.00	57.28 0.29 -2.72	51.11 -0.13 -2.14	48.54 -0.09 -2.01	39.28 0.08 -1.21

OAKDALE___35_KV_LOAD 356122	29.64 0.24 -1.19	20.11 0.08 -0.07	24.64 0.19 -0.74	21.68 0.06 -0.16	24.98 0.23 -0.78	23.63 0.12 -0.40	27.56 0.16 -1.24	30.72 0.15 -1.26	24.45 -0.02 -0.26	22.73 0.01 -0.08	25.19 0.05 -0.22	25.00 0.07 -0.16	30.31 0.14 -0.44	39.16 0.23 -1.34	40.38 0.16 -1.54	47.57 0.20 -2.06	50.32 0.15 -2.42	91.77 0.45 -5.22	86.36 -0.25 -4.10	60.74 -0.12 -3.80	57.54 -0.17 -3.44	51.75 -0.05 -2.71	48.99 -0.16 -2.54	39.37 -0.16 -1.53
OCC_CHEM___DRP 24175	28.95 -0.21 -0.95	19.77 -0.25 -0.05	24.18 -0.13 -0.59	21.33 -0.25 -0.13	24.56 -0.02 -0.63	23.25 -0.19 -0.33	26.48 -0.67 -1.00	29.00 -1.32 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.27 -0.83 -0.18	23.93 -0.97 -0.13	29.10 -0.98 -0.35	37.52 -1.15 -1.08	38.51 -1.41 -1.23	45.80 -1.17 -1.65	48.38 -1.31 -1.94	86.94 -3.34 -4.19	80.92 -4.87 -3.29	56.67 -3.42 -3.05	53.90 -3.12 -2.76	48.06 -3.21 -2.17	46.27 -2.39 -2.04	37.92 -1.30 -1.23
OH_GEN_PROXY 24063	29.11 -0.05 -0.94	19.83 -0.19 -0.05	24.28 -0.03 -0.58	21.41 -0.16 -0.13	24.67 0.08 -0.62	23.35 -0.08 -0.32	26.65 -0.48 -0.99	29.24 -1.07 -1.00	23.15 -1.26 -0.21	22.00 -0.70 -0.06	24.47 -0.62 -0.17	24.10 -0.73 -0.07	29.36 -0.71 -0.35	37.82 -0.84 -1.07	38.82 -1.09 -1.22	46.11 -0.84 -1.63	48.72 -0.96 -1.92	88.18 -2.06 -4.15	82.13 -3.64 -3.25	57.52 -2.55 -3.02	54.66 -2.34 -2.73	48.64 -2.61 -2.15	87.43 -2.06 -42.87	37.13 -1.08 -0.22
OLIN_CORP_DRP 24177	29.22 0.04 -0.96	19.91 -0.11 -0.05	24.37 0.05 -0.59	21.48 -0.10 -0.13	24.74 0.15 -0.63	23.40 -0.03 -0.33	26.68 -0.47 -1.00	29.15 -1.17 -1.02	22.99 -1.43 -0.21	21.86 -0.85 -0.06	24.32 -0.78 -0.18	23.98 -0.92 -0.14	29.16 -0.93 -0.36	37.43 -1.24 -1.08	38.39 -1.54 -1.24	45.63 -1.35 -1.66	48.20 -1.51 -1.95	87.31 -3.00 -4.22	81.36 -4.46 -3.31	57.01 -3.11 -3.07	54.18 -2.86 -2.78	48.16 -3.13 -2.18	46.11 -2.56 -2.05	38.23 -1.00 -1.24
OLIN_CORP_DSASP 323712	28.95 -0.21 -0.95	19.76 -0.26 -0.05	24.18 -0.14 -0.59	21.33 -0.25 -0.13	24.57 -0.02 -0.63	23.25 -0.18 -0.33	26.47 -0.68 -1.00	28.98 -1.33 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.26 -0.83 -0.18	23.94 -0.96 -0.13	29.08 -1.00 -0.35	37.52 -1.15 -1.08	38.51 -1.42 -1.23	45.79 -1.18 -1.65	48.38 -1.32 -1.94	86.91 -3.37 -4.19	80.87 -4.92 -3.29	56.68 -3.42 -3.05	53.86 -3.16 -2.76	48.02 -3.25 -2.17	46.25 -2.40 -2.04	37.92 -1.30 -1.23
ONEIDA_HERK_LFGE 323681	29.62 0.87 -0.54	20.61 0.61 -0.03	24.81 0.75 -0.33	22.20 0.68 -0.07	25.10 0.78 -0.36	24.10 0.81 -0.18	27.69 0.98 -0.56	30.88 1.00 -0.57	24.92 0.60 -0.12	23.03 0.35 -0.04	25.31 0.29 -0.10	25.12 0.27 -0.07	30.23 0.31 -0.20	38.69 0.50 -0.61	39.87 0.48 -0.69	46.67 0.42 -0.93	49.47 0.61 -1.09	90.63 2.18 -2.36	86.75 2.39 -1.85	60.33 1.56 -1.72	57.21 1.39 -1.55	51.72 1.40 -1.22	49.32 1.55 -1.15	39.75 1.06 -0.69
ONEIDA___115KV_TB4 55905	29.93 0.88 -0.83	20.61 0.60 -0.05	24.97 0.73 -0.52	22.22 0.66 -0.11	25.29 0.78 -0.55	24.18 0.79 -0.28	27.99 0.97 -0.87	31.22 1.02 -0.89	25.06 0.67 -0.19	23.11 0.41 -0.05	25.45 0.38 -0.15	25.26 0.37 -0.12	30.49 0.45 -0.31	39.21 0.67 -0.95	40.49 0.71 -1.08	47.64 0.87 -1.45	50.56 1.10 -1.70	92.72 2.95 -3.68	88.30 2.91 -2.89	61.81 2.08 -2.68	58.55 1.86 -2.42	52.63 1.62 -1.90	49.89 1.48 -1.79	40.10 1.03 -1.08
ONONDAGA_REF_OCCRA 23987	30.17 0.08 -1.88	20.08 0.01 -0.11	24.92 0.03 -1.17	21.70 -0.01 -0.25	25.26 0.06 -1.24	23.80 0.05 -0.64	28.20 0.08 -1.97	31.35 0.05 -1.99	24.51 -0.11 -0.42	22.62 -0.15 -0.12	25.10 -0.16 -0.35	24.86 -0.17 -0.26	30.27 -0.16 -0.70	39.59 -0.12 -2.13	41.03 -0.10 -2.44	48.58 -0.01 -3.26	51.67 0.08 -3.83	94.85 0.49 -8.27	89.24 0.24 -6.49	63.20 0.13 -6.02	59.71 -0.01 -5.45	53.29 -0.09 -4.28	50.47 -0.18 -4.02	40.23 -0.19 -2.43
ONONDAGA___COGEN 23986	30.60 0.05 -2.34	20.08 -0.01 -0.13	25.18 0.01 -1.45	21.74 -0.03 -0.31	25.54 0.03 -1.55	23.93 0.02 -0.80	28.66 0.06 -2.45	31.81 0.02 -2.48	24.58 -0.14 -0.52	22.62 -0.17 -0.15	25.16 -0.19 -0.43	24.90 -0.20 -0.33	30.41 -0.19 -0.87	40.07 -0.17 -2.65	41.58 -0.14 -3.03	49.33 -0.06 -4.06	52.53 -0.01 -4.78	96.77 0.36 -10.31	90.71 0.11 -8.09	64.61 0.05 -7.50	60.99 -0.07 -6.79	54.29 -0.15 -5.34	51.40 -0.24 -5.02	40.80 -0.22 -3.02
ONTARIO___LFGE 23819	30.90 0.85 -1.84	20.51 0.44 -0.10	25.52 0.66 -1.14	22.13 0.43 -0.25	25.90 0.72 -1.22	24.35 0.61 -0.63	28.89 0.81 -1.93	32.08 0.82 -1.95	24.89 0.28 -0.41	22.89 0.13 -0.12	25.31 0.06 -0.34	24.82 -0.21 -0.26	30.40 -0.01 -0.69	39.88 0.21 -2.08	41.18 0.10 -2.39	48.61 0.09 -3.20	51.01 -0.50 -3.76	94.32 0.12 -8.11	89.05 0.18 -6.36	63.25 0.29 -5.90	59.67 0.07 -5.34	53.16 -0.13 -4.20	50.14 -0.42 -3.94	40.20 -0.17 -2.38
ORANGEVILLE_WT_PWR 323706	29.67 0.40 -1.06	20.14 0.12 -0.06	24.69 0.31 -0.66	21.71 0.11 -0.14	25.07 0.41 -0.70	23.66 0.19 -0.36	27.25 -0.01 -1.11	30.02 -0.42 -1.12	23.60 -0.84 -0.23	22.15 -0.56 -0.07	24.61 -0.50 -0.19	24.30 -0.62 -0.15	29.54 -0.58 -0.39	38.10 -0.69 -1.20	39.15 -0.92 -1.37	46.43 -0.73 -1.84	48.96 -0.95 -2.16	89.36 -1.40 -4.66	84.10 -2.07 -3.66	59.01 -1.44 -3.39	55.88 -1.45 -3.07	49.79 -1.72 -2.41	47.40 -1.49 -2.27	38.60 -0.76 -1.37
ORANGEVILLE___ESR 323794	29.67 0.40 -1.06	20.14 0.12 -0.06	24.69 0.31 -0.66	21.71 0.11 -0.14	25.07 0.41 -0.70	23.66 0.19 -0.36	27.25 -0.01 -1.11	30.02 -0.42 -1.12	23.60 -0.84 -0.23	22.15 -0.56 -0.07	24.61 -0.50 -0.19	24.30 -0.62 -0.15	29.54 -0.58 -0.39	38.10 -0.69 -1.20	39.15 -0.92 -1.37	46.43 -0.73 -1.84	48.96 -0.95 -2.16	89.36 -1.40 -4.66	84.10 -2.07 -3.66	59.01 -1.44 -3.39	55.88 -1.45 -3.07	49.79 -1.72 -2.41	47.40 -1.49 -2.27	38.60 -0.76 -1.37
OSWEGATCHIE___HYD 24044	29.71 0.80 -0.70	20.58 0.57 -0.04	24.89 0.73 -0.43	22.16 0.61 -0.09	25.13 0.71 -0.46	24.12 0.77 -0.24	27.72 0.84 -0.73	30.87 0.82 -0.74	24.67 0.31 -0.16	22.75 0.06 -0.05	25.05 0.01 -0.13	24.82 -0.04 -0.10	29.97 -0.01 -0.26	38.53 0.15 -0.79	39.61 0.01 -0.90	46.21 -0.32 -1.21	49.09 -0.09 -1.42	90.25 1.09 -3.07	87.12 2.20 -2.41	60.84 1.55 -2.24	57.88 1.58 -2.02	52.27 1.58 -1.59	50.08 1.97 -1.50	40.33 1.44 -0.90
OSWEGO___5 23606	34.41 -0.45 -6.65	19.98 -0.35 -0.37	27.45 -0.40 -4.13	21.96 -0.39 -0.90	27.97 -0.38 -4.40	24.99 -0.39 -2.27	32.70 -0.43 -6.98	35.86 -0.51 -7.06	25.16 -0.52 -1.48	22.58 -0.50 -0.44	25.58 -0.56 -1.22	25.14 -0.57 -0.93	31.55 -0.66 -2.49	44.33 -0.79 -7.53	46.52 -0.80 -8.63	56.00 -0.88 -11.56	60.45 -0.89 -13.58	114.00 -1.41 -29.32	103.92 -1.59 -23.00	77.30 -1.09 -21.34	72.46 -1.11 -19.30	63.23 -1.05 -15.17	59.85 -1.03 -14.27	45.75 -0.84 -8.60
OSWEGO___6 23613	34.41 -0.45 -6.65	19.98 -0.35 -0.37	27.45 -0.40 -4.13	21.96 -0.39 -0.90	27.97 -0.38 -4.40	24.99 -0.39 -2.27	32.70 -0.43 -6.98	35.86 -0.51 -7.06	25.16 -0.52 -1.48	22.58 -0.50 -0.44	25.58 -0.56 -1.22	25.14 -0.57 -0.93	31.55 -0.66 -2.49	44.33 -0.79 -7.53	46.52 -0.80 -8.63	56.00 -0.88 -11.56	60.45 -0.89 -13.58	114.00 -1.41 -29.32	103.92 -1.59 -23.00	77.30 -1.09 -21.34	72.46 -1.11 -19.30	63.23 -1.05 -15.17	59.85 -1.03 -14.27	45.75 -0.84 -8.60

OUTOKUMPU-AB___DRP 24206	29.57 0.40 -0.96	20.16 0.14 -0.05	24.65 0.33 -0.59	21.73 0.15 -0.13	25.03 0.43 -0.64	23.67 0.23 -0.33	27.03 -0.13 -1.01	29.64 -0.69 -1.02	23.43 -0.99 -0.21	22.25 -0.46 -0.06	24.75 -0.34 -0.18	24.44 -0.46 -0.14	29.73 -0.35 -0.36	38.33 -0.35 -1.09	39.33 -0.61 -1.25	46.65 -0.34 -1.67	49.23 -0.49 -1.96	88.92 -1.41 -4.24	82.88 -2.95 -3.32	58.07 -2.06 -3.08	55.13 -1.93 -2.79	49.07 -2.22 -2.19	47.13 -1.54 -2.06	38.77 -0.47 -1.24
OXBOW___BTM 323836	29.25 0.08 -0.96	19.95 -0.07 -0.05	24.41 0.09 -0.59	21.52 -0.06 -0.13	24.78 0.19 -0.63	23.45 0.01 -0.33	26.74 -0.41 -1.00	29.29 -1.03 -1.01	23.16 -1.25 -0.21	22.02 -0.69 -0.06	24.50 -0.60 -0.18	24.18 -0.72 -0.14	29.40 -0.68 -0.36	37.94 -0.74 -1.08	38.93 -1.00 -1.24	46.25 -0.73 -1.66	48.85 -0.86 -1.95	87.97 -2.33 -4.21	81.92 -3.89 -3.30	57.40 -2.72 -3.07	54.50 -2.54 -2.77	48.54 -2.74 -2.18	46.69 -1.98 -2.05	38.34 -0.89 -1.24
OXBOW___ 24026	29.25 0.08 -0.96	19.96 -0.06 -0.05	24.40 0.09 -0.59	21.52 -0.06 -0.13	24.78 0.19 -0.63	23.45 0.01 -0.33	26.74 -0.41 -1.00	29.31 -1.02 -1.01	23.16 -1.26 -0.21	22.02 -0.69 -0.06	24.50 -0.59 -0.18	24.18 -0.72 -0.14	29.42 -0.67 -0.36	37.94 -0.73 -1.08	38.94 -1.00 -1.24	46.25 -0.72 -1.66	48.84 -0.86 -1.95	87.98 -2.33 -4.21	81.96 -3.86 -3.30	57.40 -2.72 -3.07	54.53 -2.51 -2.77	48.57 -2.71 -2.18	46.70 -1.96 -2.05	38.34 -0.89 -1.24
OXY_CHEM_DSASP 323612	28.95 -0.21 -0.95	19.77 -0.25 -0.05	24.18 -0.13 -0.59	21.33 -0.25 -0.13	24.56 -0.02 -0.63	23.25 -0.19 -0.33	26.48 -0.67 -1.00	29.00 -1.32 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.27 -0.83 -0.18	23.93 -0.97 -0.13	29.10 -0.98 -0.35	37.52 -1.15 -1.08	38.51 -1.41 -1.23	45.80 -1.17 -1.65	48.38 -1.31 -1.94	86.94 -3.34 -4.19	80.92 -4.87 -3.29	56.67 -3.42 -3.05	53.90 -3.12 -2.76	48.06 -3.21 -2.17	46.27 -2.39 -2.04	37.92 -1.30 -1.23
OZONE_PARK_ESR 323760	30.06 1.34 -0.51	20.96 0.99 0.00	24.72 1.00 0.00	22.40 0.94 0.00	24.97 1.01 0.00	24.29 1.11 -0.07	27.56 1.41 0.00	31.05 1.74 0.00	25.93 1.73 0.00	24.41 1.77 0.00	26.99 2.08 0.00	27.04 2.27 0.00	32.34 2.61 0.00	40.88 3.29 0.00	42.19 3.50 0.00	49.15 3.84 0.00	51.72 3.96 0.00	93.00 6.91 0.00	87.54 5.03 0.00	60.19 3.13 0.00	56.92 2.65 0.00	51.74 2.64 0.00	48.80 2.19 0.00	39.69 1.70 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.95 -0.21 -0.95	19.77 -0.25 -0.05	24.18 -0.13 -0.59	21.33 -0.25 -0.13	24.56 -0.02 -0.63	23.25 -0.19 -0.33	26.48 -0.67 -1.00	29.00 -1.32 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.27 -0.83 -0.18	23.93 -0.97 -0.13	29.10 -0.98 -0.35	37.52 -1.15 -1.08	38.51 -1.41 -1.23	45.80 -1.17 -1.65	48.38 -1.31 -1.94	86.94 -3.34 -4.19	80.92 -4.87 -3.29	56.67 -3.42 -3.05	53.90 -3.12 -2.76	48.06 -3.21 -2.17	46.27 -2.39 -2.04	37.92 -1.30 -1.23
PACKARD__115KV_DUPONT_184 80571	28.95 -0.21 -0.95	19.77 -0.25 -0.05	24.18 -0.13 -0.59	21.33 -0.25 -0.13	24.56 -0.02 -0.63	23.25 -0.19 -0.33	26.48 -0.67 -1.00	29.00 -1.32 -1.01	22.91 -1.51 -0.21	21.81 -0.90 -0.06	24.27 -0.83 -0.18	23.93 -0.97 -0.13	29.10 -0.98 -0.35	37.52 -1.15 -1.08	38.51 -1.41 -1.23	45.80 -1.17 -1.65	48.38 -1.31 -1.94	86.94 -3.34 -4.19	80.92 -4.87 -3.29	56.67 -3.42 -3.05	53.90 -3.12 -2.76	48.06 -3.21 -2.17	46.27 -2.39 -2.04	37.92 -1.30 -1.23
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.80 1.08 -0.51	20.79 0.82 0.00	24.55 0.83 0.00	22.28 0.83 0.00	24.82 0.86 0.00	24.13 0.95 -0.07	27.30 1.15 0.00	30.76 1.45 0.00	25.70 1.50 0.00	24.14 1.49 0.00	26.73 1.81 0.00	26.74 1.98 0.00	31.97 2.25 0.00	40.42 2.83 0.00	41.71 3.02 0.00	48.51 3.19 0.00	51.06 3.31 0.00	91.86 5.77 0.00	86.47 3.96 0.00	59.47 2.42 0.00	56.23 1.96 0.00	51.12 2.02 0.00	48.27 1.66 0.00	39.29 1.30 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.41 1.69 -0.51	21.23 1.27 0.00	25.09 1.36 0.00	22.77 1.32 0.00	25.38 1.42 0.00	24.69 1.50 -0.07	27.98 1.83 0.00	31.44 2.13 0.00	26.24 2.04 0.00	24.64 1.99 0.00	27.30 2.38 0.00	27.29 2.53 0.00	32.64 2.92 0.00	41.29 3.70 0.00	42.61 3.92 0.00	49.60 4.28 0.00	52.20 4.45 0.00	93.92 7.83 0.00	88.37 5.87 0.00	60.81 3.76 0.00	57.49 3.22 0.00	52.24 3.14 0.00	49.37 2.75 0.00	40.17 2.18 0.00
PATROON__115KV_TB1 80586	28.07 0.21 0.35	20.20 0.23 0.00	23.98 0.25 0.00	21.77 0.32 0.00	24.20 0.24 0.00	23.33 0.27 0.05	26.44 0.29 0.00	29.74 0.43 0.00	24.62 0.41 0.00	22.97 0.33 0.00	25.21 0.29 0.00	25.08 0.32 0.00	29.92 0.19 0.00	37.84 0.24 0.00	39.02 0.32 0.00	45.65 0.33 0.00	48.07 0.31 0.00	86.55 0.46 0.00	82.49 -0.02 0.00	56.98 -0.08 0.00	54.08 -0.19 0.00	49.02 -0.08 0.00	46.39 -0.23 0.00	37.81 -0.18 0.00
PATTRSNVILLE___SOLAR 323815	28.63 0.71 0.29	20.51 0.54 0.00	24.35 0.62 0.00	22.03 0.58 0.00	24.59 0.63 0.00	23.69 0.62 0.04	26.91 0.76 0.00	30.13 0.82 0.00	24.65 0.45 0.00	22.97 0.33 0.00	25.12 0.20 0.00	24.98 0.21 0.00	29.93 0.21 0.00	37.86 0.27 0.00	39.00 0.31 0.00	45.65 0.33 0.00	48.24 0.48 0.00	87.57 1.48 0.00	84.32 1.81 0.00	58.45 1.40 0.00	55.51 1.24 0.00	50.25 1.15 0.00	47.63 1.01 0.00	38.80 0.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.58 0.39 -0.98	20.10 0.08 -0.06	24.60 0.27 -0.61	21.65 0.06 -0.13	24.98 0.37 -0.65	23.64 0.19 -0.33	27.13 -0.05 -1.03	29.89 -0.47 -1.05	23.64 -0.78 -0.22	22.41 -0.30 -0.06	24.94 -0.16 -0.18	24.65 -0.25 -0.14	29.99 -0.10 -0.37	38.66 -0.04 -1.11	39.66 -0.31 -1.28	47.03 0.00 -1.71	49.69 -0.07 -2.01	90.20 -0.23 -4.34	84.04 -1.88 -3.40	58.85 -1.36 -3.16	55.87 -1.25 -2.86	49.75 -1.59 -2.25	47.46 -1.27 -2.11	38.72 -0.54 -1.27
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.89 1.19 -0.49	20.84 0.87 0.00	24.60 0.88 0.00	22.27 0.82 0.00	24.83 0.87 0.00	24.11 0.93 -0.07	27.34 1.19 0.00	30.77 1.46 0.00	25.64 1.44 0.00	24.08 1.43 0.00	26.58 1.66 0.00	26.57 1.80 0.00	31.79 2.07 0.00	40.23 2.64 0.00	41.53 2.83 0.00	48.45 3.13 0.00	51.03 3.28 0.00	91.93 5.83 0.00	86.78 4.27 0.00	59.73 2.68 0.00	56.51 2.24 0.00	51.27 2.16 0.00	48.36 1.74 0.00	39.32 1.32 0.00
PEEKSKILL___ 23653	29.69 0.98 -0.50	20.70 0.73 0.00	24.43 0.71 0.00	22.11 0.66 0.00	24.66 0.70 0.00	23.95 0.77 -0.07	27.14 0.99 0.00	30.55 1.24 0.00	25.47 1.27 0.00	23.94 1.30 0.00	26.46 1.54 0.00	26.46 1.70 0.00	31.66 1.94 0.00	40.05 2.46 0.00	41.32 2.63 0.00	48.14 2.82 0.00	50.63 2.88 0.00	91.09 4.99 0.00	85.91 3.40 0.00	59.10 2.05 0.00	55.93 1.66 0.00	50.84 1.73 0.00	47.99 1.37 0.00	39.04 1.04 0.00
PGE MADISON___WINDPWR 24146	31.14 1.73 -1.20	21.20 1.17 -0.07	25.88 1.41 -0.75	22.86 1.25 -0.16	26.34 1.59 -0.80	25.09 1.57 -0.41	29.39 1.98 -1.26	32.74 2.16 -1.27	25.78 1.31 -0.27	23.73 1.01 -0.08	26.20 1.06 -0.22	25.92 0.99 -0.17	31.45 1.28 -0.45	40.62 1.67 -1.36	41.72 1.48 -1.56	49.12 1.71 -2.09	52.33 2.12 -2.45	96.69 5.30 -5.30	92.28 5.62 -4.15	65.01 4.10 -3.85	61.58 3.83 -3.48	55.08 3.24 -2.74	52.01 2.82 -2.58	41.57 2.02 -1.55

PIERCEFIELD___HYD 23852	29.07 0.49 -0.37	20.31 0.33 -0.02	24.41 0.45 -0.23	21.84 0.34 -0.05	24.59 0.38 -0.25	23.70 0.46 -0.13	26.95 0.41 -0.39	30.09 0.38 -0.40	24.36 0.08 -0.08	22.65 -0.02 -0.03	25.00 0.01 -0.07	24.79 -0.03 -0.05	29.90 0.04 -0.14	38.10 0.09 -0.42	39.15 -0.03 -0.48	45.69 -0.28 -0.65	48.48 -0.04 -0.77	88.54 0.79 -1.65	85.84 2.04 -1.29	59.91 1.66 -1.20	57.25 1.89 -1.09	51.44 1.49 -0.85	49.15 1.73 -0.80	39.89 1.42 -0.48
PINELAWN_CC_1 323563	29.85 1.12 -0.51	20.86 0.90 0.00	24.53 0.81 0.00	22.10 0.65 0.00	24.67 0.71 0.00	23.99 0.82 -0.07	27.17 1.03 0.00	30.39 1.08 0.00	25.49 1.29 0.00	24.01 1.37 0.00	26.67 1.75 0.00	26.64 1.87 0.00	31.94 2.22 0.00	40.44 2.85 0.00	41.59 2.90 0.00	48.01 2.69 0.00	50.26 2.50 0.00	89.50 3.41 0.00	84.10 1.59 0.00	57.93 0.87 0.00	55.15 0.88 0.00	50.12 1.02 0.00	47.66 1.05 0.00	39.09 1.09 0.00
PJM_GEN_HTP_PROXY 323702	29.79 1.07 -0.51	20.77 0.80 0.00	24.90 0.78 -0.39	22.20 0.75 0.00	24.75 0.79 0.00	24.06 0.88 -0.07	27.28 1.13 0.00	30.72 1.41 0.00	25.67 1.46 0.00	24.15 1.51 0.00	26.81 1.79 -0.10	26.75 1.98 0.00	31.99 2.27 0.00	40.44 2.85 0.00	41.73 3.04 0.00	48.58 3.26 0.00	51.09 3.33 0.00	91.84 5.75 0.00	86.48 3.97 0.00	59.44 2.39 0.00	56.22 1.95 0.00	51.11 2.01 0.00	49.39 1.61 -1.16	37.24 1.25 2.00
PJM_GEN_KEystone 24065	29.39 0.39 -0.79	20.16 0.15 -0.03	34.53 0.24 -10.57	20.68 0.10 0.88	29.98 0.31 -5.72	23.59 0.25 -0.23	26.98 0.22 -0.60	30.10 0.18 -0.61	24.37 0.04 -0.13	22.96 0.28 -0.04	25.59 0.46 -0.21	25.41 0.56 -0.08	30.64 0.71 -0.21	39.18 0.95 -0.65	40.23 0.80 -0.74	47.20 0.88 -1.00	49.67 0.74 -1.17	89.83 1.21 -2.53	84.08 -0.41 -1.98	58.46 -0.43 -1.84	54.95 -0.57 -1.25	50.08 -0.33 -1.31	48.68 -0.33 -2.39	36.55 -0.19 1.26
PJM_GEN_NEPTUNE_PROXY 323594	29.59 0.87 -0.51	20.68 0.72 0.00	24.72 0.61 -0.39	21.96 0.51 0.00	24.50 0.54 0.00	23.83 0.65 -0.07	26.97 0.82 0.00	30.18 0.87 0.00	25.30 1.09 0.00	23.82 1.18 0.00	26.58 1.56 -0.10	26.49 1.73 0.00	31.75 2.03 0.00	40.16 2.57 0.00	41.47 2.77 0.00	48.01 2.69 0.00	50.35 2.59 0.00	90.12 4.03 0.00	84.68 2.17 0.00	58.29 1.24 0.00	55.27 1.00 0.00	50.17 1.07 0.00	48.56 0.79 -1.16	36.81 0.82 2.00
PJM_GEN_VFT_PROXY 323633	29.65 0.93 -0.51	20.68 0.72 0.00	24.69 0.69 -0.28	22.14 0.69 0.00	24.13 0.68 0.51	24.00 0.82 -0.07	27.21 1.06 0.00	30.66 1.35 0.00	25.61 1.41 0.00	24.10 1.46 0.00	26.76 1.74 -0.10	26.70 1.94 0.00	31.94 2.21 0.00	40.35 2.76 0.00	41.62 2.93 0.00	48.43 3.11 0.00	50.94 3.18 0.00	91.64 5.55 0.00	86.22 3.71 0.00	59.22 2.17 0.00	56.00 1.73 0.00	50.95 1.85 0.00	49.26 1.48 -1.16	37.11 1.12 2.00
PLATSBURG_115KV_PMLD1 355749	29.43 1.22 0.00	20.87 0.91 0.00	24.63 0.90 0.00	22.20 0.74 0.00	24.49 0.53 0.00	23.69 0.58 0.00	26.86 0.71 0.00	29.92 0.61 0.00	24.60 0.40 0.00	22.94 0.30 0.00	25.09 0.17 0.00	25.40 0.64 0.00	30.39 0.67 0.00	37.76 0.17 0.00	38.22 -0.47 0.00	45.19 -0.13 0.00	46.86 -0.90 0.00	84.42 -1.68 0.00	82.71 0.20 0.00	57.33 0.27 0.00	54.85 0.58 0.00	49.72 0.62 0.00	47.86 1.24 0.00	39.55 1.56 0.00
PLEASANTVLY___LBMP 24000	29.59 0.82 -0.57	20.60 0.63 0.00	24.33 0.61 0.00	22.04 0.59 0.00	24.55 0.59 0.00	23.82 0.63 -0.07	26.98 0.82 0.00	30.35 1.04 0.00	25.30 1.10 0.00	23.75 1.10 0.00	26.20 1.28 0.00	26.19 1.43 0.00	31.31 1.58 0.00	39.59 2.00 0.00	40.82 2.13 0.00	47.57 2.25 0.00	50.05 2.30 0.00	90.05 3.95 0.00	85.05 2.54 0.00	58.59 1.54 0.00	55.49 1.22 0.00	50.41 1.31 0.00	47.61 0.99 0.00	38.74 0.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.78 1.04 -0.52	20.75 0.79 0.00	24.49 0.77 0.00	22.17 0.71 0.00	24.71 0.75 0.00	23.99 0.81 -0.07	27.20 1.05 0.00	30.60 1.29 0.00	25.54 1.34 0.00	24.00 1.35 0.00	26.52 1.60 0.00	26.54 1.77 0.00	31.74 2.01 0.00	40.14 2.55 0.00	41.41 2.72 0.00	48.25 2.93 0.00	50.73 2.98 0.00	91.26 5.17 0.00	86.05 3.54 0.00	59.22 2.16 0.00	56.04 1.77 0.00	50.90 1.80 0.00	48.06 1.44 0.00	39.10 1.11 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.78 1.04 -0.52	20.75 0.79 0.00	24.49 0.77 0.00	22.17 0.71 0.00	24.71 0.75 0.00	23.99 0.81 -0.07	27.20 1.05 0.00	30.60 1.29 0.00	25.54 1.34 0.00	24.00 1.35 0.00	26.52 1.60 0.00	26.54 1.77 0.00	31.74 2.01 0.00	40.14 2.55 0.00	41.41 2.72 0.00	48.25 2.93 0.00	50.73 2.98 0.00	91.26 5.17 0.00	86.05 3.54 0.00	59.22 2.16 0.00	56.04 1.77 0.00	50.90 1.80 0.00	48.06 1.44 0.00	39.10 1.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.75 1.07 -0.47	20.76 0.79 0.00	24.52 0.80 0.00	22.22 0.76 0.00	24.76 0.80 0.00	24.03 0.85 -0.06	27.24 1.09 0.00	30.65 1.34 0.00	25.52 1.32 0.00	23.93 1.29 0.00	26.34 1.43 0.00	26.33 1.57 0.00	31.50 1.77 0.00	39.84 2.25 0.00	41.11 2.42 0.00	48.01 2.69 0.00	50.61 2.85 0.00	91.25 5.16 0.00	86.23 3.72 0.00	59.41 2.36 0.00	56.24 1.98 0.00	51.03 1.93 0.00	48.14 1.53 0.00	39.17 1.18 0.00
POLETTI_____ 23519	25.56 0.73 3.38	20.62 0.65 0.00	24.30 0.58 0.00	22.04 0.59 0.01	24.54 0.58 0.00	23.87 0.69 -0.07	25.31 0.82 1.66	25.65 1.06 4.72	24.40 1.25 1.05	23.95 1.30 0.00	26.57 1.65 0.00	26.57 1.81 0.00	27.06 1.89 4.56	27.01 2.35 12.93	28.15 2.54 13.08	35.02 2.58 12.87	37.48 2.67 12.94	78.27 4.63 12.46	72.89 2.90 12.51	45.83 1.70 12.92	42.57 1.27 12.97	37.49 1.38 12.99	34.68 1.03 12.97	28.24 0.81 10.56
POMONA___ESR 323819	29.60 0.96 -0.42	20.64 0.68 0.00	24.41 0.69 0.00	22.05 0.60 0.00	24.65 0.69 0.00	23.94 0.76 -0.06	27.11 0.96 0.00	30.52 1.22 0.00	25.39 1.19 0.00	23.87 1.22 0.00	26.40 1.48 0.00	26.43 1.66 0.00	31.65 1.92 0.00	40.05 2.46 0.00	41.32 2.63 0.00	48.16 2.84 0.00	50.65 2.89 0.00	91.14 5.05 0.00	85.88 3.37 0.00	59.04 1.99 0.00	55.83 1.56 0.00	50.84 1.74 0.00	48.02 1.40 0.00	39.01 1.02 0.00
PORT_JEFF_3 23555	29.74 1.01 -0.51	20.86 0.89 0.00	24.52 0.79 0.00	22.02 0.57 0.00	24.56 0.61 0.00	23.90 0.72 -0.07	27.06 0.91 0.00	30.24 0.93 0.00	25.40 1.19 0.00	23.93 1.28 0.00	26.62 1.70 0.00	26.56 1.79 0.00	31.84 2.12 0.00	40.34 2.75 0.00	41.79 3.09 0.00	48.33 3.01 0.00	50.62 2.86 0.00	90.08 3.98 0.00	84.58 2.07 0.00	58.19 1.13 0.00	55.38 1.11 0.00	50.15 1.05 0.00	47.26 0.65 0.00	38.83 0.84 0.00
PORT_JEFF_4 23616	29.74 1.01 -0.51	20.86 0.89 0.00	24.52 0.79 0.00	22.02 0.57 0.00	24.56 0.61 0.00	23.90 0.72 -0.07	27.06 0.91 0.00	30.24 0.93 0.00	25.40 1.19 0.00	23.93 1.28 0.00	26.62 1.70 0.00	26.56 1.79 0.00	31.84 2.12 0.00	40.34 2.75 0.00	41.79 3.09 0.00	48.33 3.01 0.00	50.62 2.86 0.00	90.08 3.98 0.00	84.58 2.07 0.00	58.19 1.13 0.00	55.38 1.11 0.00	50.15 1.05 0.00	47.26 0.65 0.00	38.83 0.84 0.00

PORT_JEFF_IC 23713	29.77 1.05 -0.51	20.88 0.91 0.00	24.54 0.82 0.00	22.05 0.59 0.00	24.60 0.64 0.00	23.93 0.75 -0.07	27.09 0.94 0.00	30.27 0.96 0.00	25.43 1.23 0.00	23.96 1.32 0.00	26.66 1.74 0.00	26.60 1.84 0.00	31.90 2.18 0.00	40.43 2.84 0.00	41.88 3.19 0.00	48.46 3.14 0.00	50.74 2.99 0.00	89.99 3.90 0.00	84.51 2.00 0.00	58.11 1.06 0.00	55.45 1.18 0.00	50.25 1.16 0.00	47.37 0.76 0.00	38.90 0.91 0.00
PPL PILGRIM_ST_GT1 24216	29.99 1.27 -0.51	20.97 1.01 0.00	24.66 0.94 0.00	22.19 0.74 0.00	24.76 0.80 0.00	24.10 0.92 -0.07	27.30 1.15 0.00	30.50 1.19 0.00	25.60 1.40 0.00	24.12 1.47 0.00	26.82 1.91 0.00	26.80 2.03 0.00	32.15 2.42 0.00	40.69 3.10 0.00	42.10 3.41 0.00	48.57 3.26 0.00	50.86 3.10 0.00	90.31 4.22 0.00	84.82 2.31 0.00	58.55 1.49 0.00	55.81 1.54 0.00	50.55 1.46 0.00	47.69 1.08 0.00	39.18 1.18 0.00
PPL PILGRIM_ST_GT2 24217	29.99 1.27 -0.51	20.97 1.01 0.00	24.66 0.94 0.00	22.19 0.74 0.00	24.76 0.80 0.00	24.10 0.92 -0.07	27.30 1.15 0.00	30.50 1.19 0.00	25.60 1.40 0.00	24.12 1.47 0.00	26.82 1.91 0.00	26.80 2.03 0.00	32.15 2.42 0.00	40.69 3.10 0.00	42.10 3.41 0.00	48.57 3.26 0.00	50.86 3.10 0.00	90.31 4.22 0.00	84.82 2.31 0.00	58.55 1.49 0.00	55.81 1.54 0.00	50.55 1.46 0.00	47.69 1.08 0.00	39.18 1.18 0.00
PPL_SHRM_GT3 24213	29.44 0.72 -0.51	20.74 0.77 0.00	24.37 0.65 0.00	21.80 0.35 0.00	24.32 0.36 0.00	23.66 0.48 -0.07	26.79 0.64 0.00	29.97 0.66 0.00	25.18 0.98 0.00	23.72 1.08 0.00	26.39 1.48 0.00	26.29 1.52 0.00	31.47 1.75 0.00	39.88 2.29 0.00	41.35 2.66 0.00	47.86 2.55 0.00	50.20 2.45 0.00	89.64 3.55 0.00	84.21 1.70 0.00	57.92 0.87 0.00	54.97 0.70 0.00	49.70 0.60 0.00	46.75 0.14 0.00	38.36 0.37 0.00
PPL_SHRM_GT4 24214	29.44 0.72 -0.51	20.74 0.77 0.00	24.37 0.65 0.00	21.80 0.35 0.00	24.32 0.36 0.00	23.66 0.48 -0.07	26.79 0.64 0.00	29.97 0.66 0.00	25.18 0.98 0.00	23.72 1.08 0.00	26.39 1.48 0.00	26.29 1.52 0.00	31.47 1.75 0.00	39.88 2.29 0.00	41.35 2.66 0.00	47.86 2.55 0.00	50.20 2.45 0.00	89.64 3.55 0.00	84.21 1.70 0.00	57.92 0.87 0.00	54.97 0.70 0.00	49.70 0.60 0.00	46.75 0.14 0.00	38.36 0.37 0.00
PROJECT___ORANGE 1 24174	29.83 -0.06 -1.68	19.97 -0.09 -0.09	24.68 -0.09 -1.04	21.57 -0.11 -0.23	25.01 -0.06 -1.11	23.61 -0.08 -0.57	27.84 -0.07 -1.76	30.97 -0.12 -1.78	24.35 -0.23 -0.38	22.51 -0.24 -0.11	24.98 -0.25 -0.31	24.76 -0.25 -0.24	30.10 -0.25 -0.63	39.26 -0.24 -1.91	40.66 -0.22 -2.18	48.10 -0.15 -2.92	51.11 -0.08 -3.44	93.65 0.14 -7.42	88.13 -0.20 -5.82	62.27 -0.18 -5.40	58.85 -0.30 -4.88	52.58 -0.36 -3.84	49.80 -0.42 -3.61	39.79 -0.38 -2.18
PROJECT___ORANGE 2 24166	29.83 -0.06 -1.68	19.97 -0.09 -0.09	24.68 -0.09 -1.04	21.57 -0.11 -0.23	25.01 -0.06 -1.11	23.61 -0.08 -0.57	27.84 -0.07 -1.76	30.97 -0.12 -1.78	24.35 -0.23 -0.38	22.51 -0.24 -0.11	24.98 -0.25 -0.31	24.76 -0.25 -0.24	30.10 -0.25 -0.63	39.26 -0.24 -1.91	40.66 -0.22 -2.18	48.10 -0.15 -2.92	51.11 -0.08 -3.44	93.65 0.14 -7.42	88.13 -0.20 -5.82	62.27 -0.18 -5.40	58.85 -0.30 -4.88	52.58 -0.36 -3.84	49.80 -0.42 -3.61	39.79 -0.38 -2.18
PUCKETT___SOLAR 323809	29.95 0.59 -1.15	20.37 0.34 -0.06	24.92 0.48 -0.71	21.96 0.35 -0.16	25.28 0.56 -0.76	23.97 0.47 -0.39	27.96 0.61 -1.20	31.15 0.62 -1.22	24.72 0.27 -0.25	22.88 0.16 -0.07	25.19 0.06 -0.21	24.96 0.03 -0.16	30.21 0.05 -0.43	39.01 0.12 -1.30	40.20 0.02 -1.49	47.38 0.07 -1.99	50.30 0.21 -2.34	92.36 1.22 -5.05	87.46 0.98 -3.96	61.52 0.79 -3.68	58.36 0.77 -3.33	52.49 0.77 -2.61	49.66 0.58 -2.46	39.86 0.39 -1.48
PYRITES___HYD 24023	29.46 0.90 -0.35	20.60 0.62 -0.02	24.73 0.80 -0.22	22.17 0.66 -0.05	24.93 0.75 -0.23	24.04 0.82 -0.12	27.38 0.87 -0.36	30.55 0.88 -0.37	24.59 0.31 -0.08	22.75 0.09 -0.02	25.12 0.14 -0.06	24.87 0.06 -0.05	30.03 0.17 -0.13	38.31 0.33 -0.39	39.41 0.27 -0.45	45.82 -0.10 -0.60	48.61 0.14 -0.71	89.58 1.96 -1.53	87.50 3.79 -1.20	61.06 2.90 -1.12	58.36 3.08 -1.01	52.35 2.45 -0.79	49.91 2.55 -0.75	40.51 2.07 -0.45
QUAKERRD_115KV_BK1 80622	28.75 -0.38 -0.92	19.65 -0.37 -0.05	23.91 -0.38 -0.57	21.17 -0.40 -0.12	24.24 -0.33 -0.61	23.10 -0.33 -0.31	26.69 -0.43 -0.97	29.63 -0.66 -0.98	23.64 -0.77 -0.20	22.11 -0.60 -0.06	24.50 -0.59 -0.17	24.28 -0.61 -0.13	29.46 -0.61 -0.34	37.93 -0.70 -1.04	39.20 -0.69 -1.20	46.39 -0.53 -1.60	49.16 -0.48 -1.88	89.51 -0.64 -4.06	84.44 -1.26 -3.19	59.09 -0.92 -2.96	55.98 -0.96 -2.67	50.01 -1.20 -2.10	47.46 -1.14 -1.98	38.35 -0.83 -1.19
QUENSBRY_115KV_TB8 356137	29.15 1.41 0.47	21.06 1.09 0.00	24.94 1.21 0.00	22.63 1.18 0.00	25.19 1.23 0.00	24.15 1.11 0.07	27.71 1.56 0.00	31.05 1.74 0.00	25.44 1.24 0.00	23.61 0.97 0.00	25.67 0.75 0.00	25.40 0.63 0.00	30.46 0.74 0.00	38.53 0.94 0.00	39.75 1.06 0.00	46.84 1.52 0.00	49.75 2.00 0.00	90.43 4.34 0.00	86.85 4.34 0.00	60.27 3.22 0.00	57.24 2.97 0.00	51.76 2.66 0.00	48.62 2.00 0.00	39.47 1.48 0.00
RAMAPO___LBMP 323565	29.44 0.83 -0.40	20.54 0.57 0.00	24.30 0.57 0.00	21.95 0.49 0.00	24.55 0.59 0.00	23.83 0.66 -0.06	26.98 0.83 0.00	30.37 1.06 0.00	25.24 1.04 0.00	23.72 1.08 0.00	26.23 1.32 0.00	26.25 1.49 0.00	31.43 1.71 0.00	39.78 2.19 0.00	41.03 2.35 0.00	47.81 2.48 0.00	50.26 2.51 0.00	90.45 4.36 0.00	85.30 2.79 0.00	58.68 1.62 0.00	55.47 1.20 0.00	50.55 1.45 0.00	47.77 1.15 0.00	38.82 0.83 0.00
RANKINE____ 23646	29.69 0.49 -0.98	20.19 0.17 -0.05	24.71 0.38 -0.61	21.75 0.16 -0.13	25.09 0.48 -0.65	23.74 0.29 -0.33	27.20 0.03 -1.03	29.91 -0.44 -1.04	23.64 -0.78 -0.22	22.40 -0.31 -0.06	24.93 -0.17 -0.18	24.61 -0.29 -0.14	29.95 -0.14 -0.37	38.58 -0.12 -1.11	39.60 -0.36 -1.27	47.03 0.00 -1.70	49.68 -0.08 -2.00	90.17 -0.24 -4.32	84.13 -1.77 -3.39	58.94 -1.26 -3.14	55.94 -1.17 -2.84	49.74 -1.60 -2.24	47.49 -1.23 -2.10	38.82 -0.44 -1.27
RAVENSWOOD_GT2_1 24244	29.82 1.10 -0.51	20.80 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.09 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.29 0.00	40.46 2.87 0.00	41.75 3.06 0.00	48.59 3.27 0.00	51.11 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.26 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT2_2 24245	29.82 1.10 -0.51	20.80 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.09 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.29 0.00	40.46 2.87 0.00	41.75 3.06 0.00	48.59 3.27 0.00	51.11 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.26 1.65 0.00	39.27 1.28 0.00



RAVENSWOOD_GT2_3 24246	29.83 1.11 -0.51	20.80 0.84 0.00	24.54 0.82 0.00	22.24 0.78 0.00	24.78 0.82 0.00	24.10 0.92 -0.07	27.32 1.17 0.00	30.76 1.45 0.00	25.70 1.50 0.00	24.19 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.03 2.31 0.00	40.49 2.90 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.39 0.00	91.95 5.85 0.00	86.58 4.08 0.00	59.52 2.47 0.00	56.29 2.02 0.00	51.16 2.06 0.00	48.29 1.67 0.00	39.29 1.30 0.00
RAVENSWOOD_GT2_4 24247	29.83 1.11 -0.51	20.80 0.84 0.00	24.54 0.82 0.00	22.24 0.78 0.00	24.78 0.82 0.00	24.10 0.92 -0.07	27.32 1.17 0.00	30.76 1.45 0.00	25.70 1.50 0.00	24.19 1.54 0.00	26.75 1.83 0.00	26.79 2.02 0.00	32.03 2.31 0.00	40.49 2.90 0.00	41.77 3.08 0.00	48.62 3.30 0.00	51.14 3.39 0.00	91.95 5.85 0.00	86.58 4.08 0.00	59.52 2.47 0.00	56.29 2.02 0.00	51.16 2.06 0.00	48.29 1.67 0.00	39.29 1.30 0.00
RAVENSWOOD_GT3_1 24248	29.82 1.10 -0.51	20.80 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.09 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.29 0.00	40.46 2.87 0.00	41.75 3.06 0.00	48.59 3.27 0.00	51.12 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT3_2 24249	29.82 1.10 -0.51	20.80 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.09 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.29 0.00	40.46 2.87 0.00	41.75 3.06 0.00	48.59 3.27 0.00	51.12 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT3_3 24250	29.86 1.14 -0.51	20.82 0.86 0.00	24.57 0.85 0.00	22.26 0.80 0.00	24.81 0.85 0.00	24.13 0.95 -0.07	27.35 1.20 0.00	30.80 1.49 0.00	25.73 1.53 0.00	24.21 1.57 0.00	26.79 1.87 0.00	26.82 2.05 0.00	32.07 2.35 0.00	40.54 2.95 0.00	41.84 3.15 0.00	48.69 3.37 0.00	51.22 3.47 0.00	92.09 6.00 0.00	86.70 4.19 0.00	59.61 2.55 0.00	56.37 2.09 0.00	51.23 2.13 0.00	48.35 1.74 0.00	39.34 1.35 0.00
RAVENSWOOD_GT3_4 24251	29.86 1.14 -0.51	20.82 0.86 0.00	24.57 0.85 0.00	22.26 0.80 0.00	24.81 0.85 0.00	24.13 0.95 -0.07	27.35 1.20 0.00	30.80 1.49 0.00	25.73 1.53 0.00	24.21 1.57 0.00	26.79 1.87 0.00	26.82 2.05 0.00	32.07 2.35 0.00	40.54 2.95 0.00	41.84 3.15 0.00	48.69 3.37 0.00	51.22 3.47 0.00	92.09 6.00 0.00	86.70 4.19 0.00	59.61 2.55 0.00	56.37 2.09 0.00	51.23 2.13 0.00	48.35 1.74 0.00	39.34 1.35 0.00
RAVENSWOOD_GT_1 23729	29.89 1.17 -0.51	20.87 0.90 0.00	24.58 0.86 0.00	22.30 0.84 0.00	24.83 0.87 0.00	24.17 0.98 -0.07	27.38 1.23 0.00	30.85 1.54 0.00	25.80 1.59 0.00	24.27 1.63 0.00	26.84 1.92 0.00	26.88 2.12 0.00	32.12 2.39 0.00	40.61 3.02 0.00	41.90 3.21 0.00	48.69 3.37 0.00	51.24 3.48 0.00	92.12 6.02 0.00	86.71 4.20 0.00	59.57 2.52 0.00	56.31 2.04 0.00	51.20 2.10 0.00	48.34 1.72 0.00	39.36 1.36 0.00
RAVENSWOOD_GT_10 24258	29.82 1.10 -0.51	20.79 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.28 0.00	40.46 2.87 0.00	41.75 3.05 0.00	48.59 3.27 0.00	51.11 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT_11 24259	29.82 1.10 -0.51	20.79 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.28 0.00	40.46 2.87 0.00	41.75 3.05 0.00	48.59 3.27 0.00	51.11 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT_4 24252	29.81 1.09 -0.51	20.78 0.82 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.74 1.43 0.00	25.67 1.47 0.00	24.17 1.52 0.00	26.73 1.81 0.00	26.76 2.00 0.00	32.00 2.28 0.00	40.46 2.87 0.00	41.74 3.05 0.00	48.59 3.27 0.00	51.10 3.34 0.00	91.90 5.80 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT_5 24254	29.81 1.09 -0.51	20.78 0.82 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.74 1.43 0.00	25.67 1.47 0.00	24.17 1.52 0.00	26.73 1.81 0.00	26.76 2.00 0.00	32.00 2.28 0.00	40.46 2.87 0.00	41.74 3.05 0.00	48.59 3.27 0.00	51.10 3.34 0.00	91.90 5.80 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT_6 24253	29.81 1.09 -0.51	20.78 0.82 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.74 1.43 0.00	25.67 1.47 0.00	24.17 1.52 0.00	26.73 1.81 0.00	26.76 2.00 0.00	32.00 2.28 0.00	40.46 2.87 0.00	41.74 3.05 0.00	48.59 3.27 0.00	51.10 3.34 0.00	91.90 5.80 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT_7 24255	29.81 1.09 -0.51	20.78 0.82 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.74 1.43 0.00	25.67 1.47 0.00	24.17 1.52 0.00	26.73 1.81 0.00	26.76 2.00 0.00	32.00 2.28 0.00	40.46 2.87 0.00	41.74 3.05 0.00	48.59 3.27 0.00	51.10 3.34 0.00	91.90 5.80 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.82 1.10 -0.51	20.79 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.28 0.00	40.46 2.87 0.00	41.75 3.05 0.00	48.59 3.27 0.00	51.11 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00
RAVENSWOOD_GT_9 24257	29.82 1.10 -0.51	20.79 0.83 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.75 1.44 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.74 1.82 0.00	26.77 2.00 0.00	32.01 2.28 0.00	40.46 2.87 0.00	41.75 3.05 0.00	48.59 3.27 0.00	51.11 3.36 0.00	91.92 5.82 0.00	86.53 4.02 0.00	59.49 2.43 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.65 0.00	39.27 1.28 0.00

RAVENSWOOD___1 23533	29.85 1.13 -0.51	20.84 0.87 0.00	24.55 0.83 0.00	22.26 0.81 0.00	24.80 0.84 0.00	24.13 0.95 -0.07	27.34 1.19 0.00	30.81 1.50 0.00	25.75 1.54 0.00	24.23 1.58 0.00	26.78 1.86 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.82 3.12 0.00	48.63 3.31 0.00	51.17 3.42 0.00	92.01 5.91 0.00	86.61 4.10 0.00	59.52 2.46 0.00	56.26 2.00 0.00	51.16 2.05 0.00	48.29 1.68 0.00	39.30 1.31 0.00
RAVENSWOOD___2 23534	29.85 1.13 -0.51	20.84 0.87 0.00	24.55 0.83 0.00	22.26 0.81 0.00	24.80 0.84 0.00	24.13 0.95 -0.07	27.34 1.19 0.00	30.81 1.50 0.00	25.75 1.54 0.00	24.23 1.58 0.00	26.78 1.86 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.82 3.12 0.00	48.63 3.31 0.00	51.17 3.42 0.00	92.01 5.91 0.00	86.61 4.10 0.00	59.52 2.46 0.00	56.26 2.00 0.00	51.16 2.05 0.00	48.29 1.68 0.00	39.30 1.31 0.00
RAVENSWOOD___3 23535	29.82 1.10 -0.51	20.80 0.83 0.00	24.53 0.80 0.00	22.23 0.77 0.00	24.77 0.81 0.00	24.09 0.91 -0.07	27.30 1.15 0.00	30.76 1.45 0.00	25.69 1.49 0.00	24.17 1.53 0.00	26.73 1.81 0.00	26.77 2.00 0.00	32.01 2.29 0.00	40.46 2.87 0.00	41.76 3.07 0.00	48.59 3.27 0.00	51.12 3.37 0.00	91.92 5.83 0.00	86.54 4.03 0.00	59.49 2.44 0.00	56.26 1.99 0.00	51.14 2.04 0.00	48.27 1.66 0.00	39.28 1.29 0.00
RAVENSWOOD___4 23820	29.85 1.13 -0.51	20.84 0.87 0.00	24.55 0.83 0.00	22.26 0.81 0.00	24.80 0.84 0.00	24.13 0.95 -0.07	27.34 1.19 0.00	30.81 1.50 0.00	25.75 1.54 0.00	24.23 1.58 0.00	26.78 1.86 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.82 3.12 0.00	48.63 3.31 0.00	51.17 3.42 0.00	92.01 5.91 0.00	86.61 4.10 0.00	59.52 2.46 0.00	56.26 2.00 0.00	51.16 2.05 0.00	48.29 1.68 0.00	39.30 1.31 0.00
RCPL_TRUST___DRP 24196	29.81 1.09 -0.51	20.79 0.82 0.00	24.53 0.80 0.00	22.22 0.77 0.00	24.77 0.81 0.00	24.08 0.90 -0.07	27.31 1.15 0.00	30.76 1.45 0.00	25.70 1.50 0.00	24.20 1.55 0.00	26.76 1.85 0.00	26.81 2.04 0.00	32.05 2.33 0.00	40.52 2.93 0.00	41.81 3.12 0.00	48.67 3.35 0.00	51.19 3.44 0.00	92.01 5.92 0.00	86.63 4.12 0.00	59.54 2.49 0.00	56.29 2.02 0.00	51.16 2.06 0.00	48.28 1.67 0.00	39.28 1.29 0.00
RED___ROCHESTER 323720	29.70 0.57 -0.91	20.29 0.27 -0.05	24.68 0.39 -0.57	21.84 0.26 -0.12	25.01 0.45 -0.60	23.82 0.40 -0.31	27.48 0.37 -0.96	30.47 0.19 -0.97	24.30 -0.11 -0.20	22.79 0.09 -0.06	25.29 0.20 -0.17	25.09 0.19 -0.13	30.46 0.61 -0.34	39.23 0.61 -1.04	40.55 0.67 -1.19	48.04 1.13 -1.59	50.90 1.28 -1.87	92.65 2.52 -4.03	87.24 1.57 -3.16	61.01 1.03 -2.93	57.82 0.90 -2.65	51.61 0.42 -2.08	48.97 0.39 -1.96	39.60 0.43 -1.18
REGAN___SOLAR 323812	29.27 1.33 0.27	20.91 0.95 0.00	24.83 1.11 0.00	22.44 0.98 0.00	25.10 1.14 0.00	24.21 1.14 0.04	27.58 1.43 0.00	30.76 1.45 0.00	24.63 0.42 0.00	22.83 0.19 0.00	24.65 -0.27 0.00	24.44 -0.32 0.00	29.34 -0.39 0.00	37.14 -0.45 0.00	38.24 -0.45 0.00	44.78 -0.54 0.00	47.53 -0.23 0.00	87.90 1.80 0.00	86.43 3.92 0.00	60.23 3.18 0.00	57.20 2.93 0.00	51.64 2.54 0.00	48.91 2.30 0.00	39.79 1.80 0.00
RENSSELAER___COGEN 23796	27.94 0.06 0.34	20.10 0.13 0.00	23.86 0.13 0.00	21.67 0.22 0.00	24.08 0.12 0.00	23.21 0.15 0.05	26.27 0.12 0.00	29.55 0.24 0.00	24.47 0.26 0.00	22.83 0.19 0.00	25.04 0.12 0.00	24.90 0.14 0.00	29.68 -0.04 0.00	37.53 -0.06 0.00	38.69 -0.01 0.00	45.22 -0.10 0.00	47.58 -0.17 0.00	85.57 -0.53 0.00	81.54 -0.97 0.00	56.37 -0.68 0.00	53.53 -0.74 0.00	48.55 -0.55 0.00	45.97 -0.65 0.00	37.50 -0.49 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.94 3.20 0.47	22.35 2.39 0.00	26.45 2.73 0.00	24.01 2.56 0.00	26.74 2.78 0.00	25.49 2.45 0.07	29.66 3.51 0.00	33.28 3.97 0.00	27.06 2.86 0.00	25.09 2.44 0.00	26.96 2.04 0.00	26.58 1.81 0.00	31.93 2.21 0.00	40.31 2.72 0.00	41.49 2.80 0.00	49.08 3.76 0.00	52.35 4.59 0.00	94.91 8.82 0.00	91.82 9.31 0.00	64.17 7.11 0.00	61.25 6.99 0.00	55.33 6.23 0.00	51.30 4.68 0.00	41.60 3.61 0.00
REVERE_CPPR_DRP 24186	30.12 1.16 -0.75	20.81 0.80 -0.04	25.16 0.98 -0.46	22.42 0.87 -0.10	25.47 1.02 -0.49	24.41 1.04 -0.25	28.21 1.28 -0.78	31.42 1.31 -0.79	25.24 0.87 -0.17	23.25 0.56 -0.05	25.57 0.52 -0.14	25.37 0.49 -0.10	30.59 0.59 -0.28	39.34 0.90 -0.84	40.60 0.94 -0.97	47.71 1.09 -1.30	50.70 1.42 -1.52	93.23 3.85 -3.29	88.88 3.79 -2.58	62.10 2.65 -2.39	58.84 2.41 -2.17	52.97 2.17 -1.70	50.26 2.04 -1.60	40.39 1.43 -0.96
REYNLDPA_13_KV_LD 356490	28.44 0.22 0.00	20.10 0.13 0.00	23.89 0.17 0.00	21.60 0.14 0.00	24.10 0.14 0.00	23.27 0.16 0.00	26.25 0.10 0.00	29.36 0.05 0.00	24.23 0.03 0.00	22.69 0.05 0.00	25.02 0.11 0.00	24.84 0.07 0.00	29.88 0.15 0.00	37.71 0.12 0.00	38.74 0.05 0.00	45.75 0.43 0.00	48.04 0.28 0.00	86.28 0.19 0.00	83.75 1.24 0.00	58.05 1.00 0.00	55.52 1.25 0.00	49.99 0.89 0.00	47.62 1.00 0.00	38.88 0.89 0.00
REYNOLDS_115KV_TB3 80639	28.05 0.25 0.41	20.24 0.27 0.00	24.00 0.28 0.00	21.82 0.36 0.00	24.22 0.26 0.00	23.32 0.27 0.06	26.46 0.31 0.00	29.77 0.46 0.00	24.66 0.45 0.00	23.02 0.38 0.00	25.24 0.32 0.00	25.12 0.36 0.00	29.97 0.24 0.00	37.88 0.29 0.00	39.05 0.36 0.00	45.68 0.37 0.00	48.04 0.28 0.00	86.36 0.27 0.00	82.26 -0.25 0.00	56.90 -0.16 0.00	54.03 -0.24 0.00	48.98 -0.12 0.00	46.38 -0.23 0.00	37.82 -0.17 0.00
RIVERBAY____ 323610	30.41 1.69 -0.51	21.23 1.27 0.00	25.09 1.36 0.00	22.77 1.32 0.00	25.38 1.42 0.00	24.69 1.50 -0.07	27.98 1.83 0.00	31.44 2.13 0.00	26.24 2.04 0.00	24.64 1.99 0.00	27.30 2.38 0.00	27.29 2.53 0.00	32.64 2.92 0.00	41.29 3.70 0.00	42.61 3.92 0.00	49.60 4.28 0.00	52.20 4.45 0.00	93.92 7.83 0.00	88.37 5.87 0.00	60.81 3.76 0.00	57.49 3.22 0.00	52.24 3.14 0.00	49.37 2.75 0.00	40.17 2.18 0.00
RIVERSDE_115KV_TB3 55908	28.01 0.18 0.38	20.18 0.21 0.00	23.94 0.22 0.00	21.76 0.30 0.00	24.17 0.21 0.00	23.28 0.23 0.06	26.40 0.25 0.00	29.69 0.38 0.00	24.59 0.39 0.00	22.96 0.32 0.00	25.19 0.27 0.00	25.05 0.29 0.00	29.89 0.16 0.00	37.77 0.18 0.00	38.95 0.26 0.00	45.57 0.25 0.00	47.94 0.18 0.00	86.23 0.13 0.00	82.13 -0.38 0.00	56.79 -0.27 0.00	53.92 -0.35 0.00	48.88 -0.22 0.00	46.28 -0.34 0.00	37.73 -0.27 0.00
ROARING___BROOK_WT_PWR 323790	28.16 -0.05 0.00	19.94 -0.02 0.00	23.72 0.00 0.00	21.46 0.00 0.00	23.95 0.00 0.00	23.09 -0.02 0.00	26.09 -0.06 0.00	29.28 -0.03 0.00	24.16 -0.04 0.00	22.61 -0.03 0.00	24.88 -0.03 0.00	24.72 -0.04 0.00	29.64 -0.09 0.00	37.38 -0.20 0.00	38.39 -0.30 0.00	44.85 -0.47 0.00	47.24 -0.51 0.00	85.32 -0.77 0.00	81.97 -0.54 0.00	56.45 -0.60 0.00	53.71 -0.56 0.00	48.57 -0.54 0.00	46.55 -0.07 0.00	37.92 -0.07 0.00

ROCHESRG_115KV_T4 355643	29.34 0.24 -0.89	20.08 0.06 -0.05	24.42 0.14 -0.55	21.63 0.05 -0.12	24.76 0.21 -0.59	23.56 0.15 -0.30	27.15 0.06 -0.94	30.11 -0.15 -0.95	24.02 -0.39 -0.20	22.52 -0.18 -0.06	24.96 -0.12 -0.16	24.75 -0.14 -0.12	30.03 -0.03 -0.33	38.64 0.04 -1.01	39.90 0.05 -1.16	47.22 0.35 -1.55	50.01 0.43 -1.82	90.96 0.93 -3.94	85.72 0.12 -3.09	59.95 0.03 -2.87	56.84 -0.02 -2.59	50.76 -0.38 -2.04	48.21 -0.32 -1.92	39.05 -0.10 -1.16
ROCHESTER_9_IC 23652	29.52 0.39 -0.92	20.17 0.16 -0.05	24.55 0.26 -0.57	21.73 0.15 -0.12	24.88 0.32 -0.60	23.69 0.26 -0.31	27.32 0.21 -0.96	30.30 0.02 -0.97	24.15 -0.26 -0.20	22.64 -0.06 -0.06	25.11 0.03 -0.17	24.90 0.00 -0.13	30.23 0.16 -0.34	38.92 0.30 -1.04	40.20 0.32 -1.19	47.60 0.70 -1.59	50.42 0.80 -1.87	91.73 1.61 -4.03	86.46 0.78 -3.17	60.47 0.48 -2.93	57.32 0.39 -2.66	51.16 -0.03 -2.09	48.57 -0.01 -1.97	39.31 0.13 -1.18
ROCKVIEW_13_KV_LD 356306	29.89 1.17 -0.51	20.85 0.88 0.00	24.59 0.87 0.00	22.23 0.78 0.00	24.78 0.82 0.00	24.09 0.91 -0.07	27.31 1.16 0.00	30.74 1.43 0.00	25.66 1.46 0.00	24.14 1.50 0.00	26.70 1.78 0.00	26.72 1.95 0.00	31.96 2.24 0.00	40.46 2.87 0.00	41.75 3.05 0.00	48.61 3.29 0.00	51.10 3.34 0.00	91.92 5.82 0.00	86.58 4.07 0.00	59.60 2.54 0.00	56.40 2.13 0.00	51.19 2.09 0.00	48.35 1.74 0.00	39.31 1.32 0.00
ROME____115KV_TB2 80656	30.12 1.16 -0.75	20.81 0.80 -0.04	25.16 0.98 -0.46	22.42 0.87 -0.10	25.47 1.02 -0.49	24.41 1.04 -0.25	28.21 1.28 -0.78	31.42 1.31 -0.79	25.24 0.87 -0.17	23.25 0.56 -0.05	25.57 0.52 -0.14	25.37 0.49 -0.10	30.59 0.59 -0.28	39.34 0.90 -0.84	40.60 0.94 -0.97	47.71 1.09 -1.30	50.70 1.42 -1.52	93.23 3.85 -3.29	88.88 3.79 -2.58	62.10 2.65 -2.39	58.84 2.41 -2.17	52.97 2.17 -1.70	50.26 2.04 -1.60	40.39 1.43 -0.96
ROSETON___1 23587	29.62 0.86 -0.55	20.63 0.66 0.00	24.35 0.63 0.00	22.07 0.61 0.00	24.55 0.59 0.00	23.79 0.62 -0.06	26.94 0.79 0.00	30.29 0.98 0.00	25.18 0.97 0.00	23.66 1.01 0.00	26.14 1.23 0.00	26.14 1.37 0.00	31.25 1.53 0.00	39.52 1.93 0.00	40.76 2.07 0.00	47.48 2.16 0.00	49.95 2.20 0.00	89.88 3.79 0.00	84.89 2.38 0.00	58.48 1.43 0.00	55.38 1.11 0.00	50.33 1.23 0.00	47.58 0.97 0.00	38.71 0.72 0.00
ROSETON___2 23588	29.62 0.86 -0.55	20.63 0.66 0.00	24.35 0.63 0.00	22.07 0.61 0.00	24.55 0.59 0.00	23.79 0.62 -0.06	26.94 0.79 0.00	30.29 0.98 0.00	25.18 0.97 0.00	23.66 1.01 0.00	26.14 1.23 0.00	26.14 1.37 0.00	31.25 1.53 0.00	39.52 1.93 0.00	40.76 2.07 0.00	47.48 2.16 0.00	49.95 2.20 0.00	89.88 3.79 0.00	84.89 2.38 0.00	58.48 1.43 0.00	55.38 1.11 0.00	50.33 1.23 0.00	47.58 0.97 0.00	38.71 0.72 0.00
ROTRRDAM_115KV_TB3 80664	28.42 0.51 0.31	20.38 0.41 0.00	24.18 0.46 0.00	21.90 0.45 0.00	24.43 0.47 0.00	23.51 0.45 0.05	26.70 0.55 0.00	29.95 0.64 0.00	24.71 0.50 0.00	23.07 0.42 0.00	25.32 0.40 0.00	25.19 0.43 0.00	30.18 0.45 0.00	38.16 0.57 0.00	39.32 0.63 0.00	46.01 0.69 0.00	48.50 0.75 0.00	87.53 1.44 0.00	83.66 1.15 0.00	57.87 0.82 0.00	54.95 0.69 0.00	49.79 0.69 0.00	47.20 0.58 0.00	38.44 0.45 0.00
RUSSELL___1 23602	29.70 0.57 -0.91	20.29 0.27 -0.05	24.67 0.38 -0.57	21.84 0.26 -0.12	25.01 0.45 -0.60	23.82 0.40 -0.31	27.48 0.37 -0.96	30.48 0.21 -0.97	24.30 -0.10 -0.20	22.79 0.08 -0.06	25.29 0.20 -0.17	25.09 0.19 -0.13	30.47 0.41 -0.34	39.23 0.61 -1.04	40.55 0.68 -1.19	48.04 1.13 -1.59	50.91 1.28 -1.87	92.64 2.52 -4.03	87.26 1.59 -3.16	61.02 1.03 -2.93	57.83 0.91 -2.65	51.62 0.43 -2.08	48.98 0.40 -1.96	39.61 0.44 -1.18
RUSSELL___2 23532	29.70 0.57 -0.91	20.29 0.27 -0.05	24.67 0.38 -0.57	21.84 0.26 -0.12	25.01 0.45 -0.60	23.82 0.40 -0.31	27.48 0.37 -0.96	30.48 0.21 -0.97	24.30 -0.10 -0.20	22.79 0.08 -0.06	25.29 0.20 -0.17	25.09 0.19 -0.13	30.47 0.41 -0.34	39.23 0.61 -1.04	40.55 0.68 -1.19	48.04 1.13 -1.59	50.91 1.28 -1.87	92.64 2.52 -4.03	87.26 1.59 -3.16	61.02 1.03 -2.93	57.83 0.91 -2.65	51.62 0.43 -2.08	48.98 0.40 -1.96	39.61 0.44 -1.18
RUSSELL___3 23549	29.70 0.57 -0.91	20.29 0.27 -0.05	24.67 0.38 -0.57	21.84 0.26 -0.12	25.01 0.45 -0.60	23.82 0.40 -0.31	27.48 0.37 -0.96	30.48 0.21 -0.97	24.30 -0.10 -0.20	22.79 0.08 -0.06	25.29 0.20 -0.17	25.09 0.19 -0.13	30.47 0.41 -0.34	39.23 0.61 -1.04	40.55 0.68 -1.19	48.04 1.13 -1.59	50.91 1.28 -1.87	92.64 2.52 -4.03	87.26 1.59 -3.16	61.02 1.03 -2.93	57.83 0.91 -2.65	51.62 0.43 -2.08	48.98 0.40 -1.96	39.61 0.44 -1.18
RUSSELL___4 23556	29.70 0.57 -0.91	20.29 0.27 -0.05	24.67 0.38 -0.57	21.84 0.26 -0.12	25.01 0.45 -0.60	23.82 0.40 -0.31	27.48 0.37 -0.96	30.48 0.21 -0.97	24.30 -0.10 -0.20	22.79 0.08 -0.06	25.29 0.20 -0.17	25.09 0.19 -0.13	30.47 0.41 -0.34	39.23 0.61 -1.04	40.55 0.68 -1.19	48.04 1.13 -1.59	50.91 1.28 -1.87	92.64 2.52 -4.03	87.26 1.59 -3.16	61.02 1.03 -2.93	57.83 0.91 -2.65	51.62 0.43 -2.08	48.98 0.40 -1.96	39.61 0.44 -1.18
RUSSELL___STATION 23914	29.70 0.57 -0.91	20.29 0.27 -0.05	24.67 0.38 -0.57	21.84 0.26 -0.12	25.01 0.45 -0.60	23.82 0.40 -0.31	27.48 0.37 -0.96	30.48 0.21 -0.97	24.30 -0.10 -0.20	22.79 0.08 -0.06	25.29 0.20 -0.17	25.09 0.19 -0.13	30.47 0.41 -0.34	39.23 0.61 -1.04	40.55 0.68 -1.19	48.04 1.13 -1.59	50.91 1.28 -1.87	92.64 2.52 -4.03	87.26 1.59 -3.16	61.02 1.03 -2.93	57.83 0.91 -2.65	51.62 0.43 -2.08	48.98 0.40 -1.96	39.61 0.44 -1.18
S SALMON___HYD 24043	30.90 0.24 -2.46	20.25 0.15 -0.13	25.44 0.20 -1.52	21.93 0.14 -0.33	25.80 0.22 -1.62	24.20 0.25 -0.84	29.05 0.33 -2.58	32.20 0.28 -2.61	24.69 -0.06 -0.55	22.57 -0.23 -0.16	25.01 -0.36 -0.45	24.68 -0.43 -0.35	30.12 -0.52 -0.92	39.92 -0.45 -2.78	41.37 -0.51 -3.18	48.88 -0.70 -4.27	52.31 -0.46 -5.01	96.60 -0.32 -10.82	91.03 0.03 -8.49	64.92 -0.01 -7.87	61.27 -0.12 -7.12	54.81 0.11 -5.60	52.12 0.24 -5.27	41.20 0.03 -3.18
S.PERRY__115KV_TB1 80734	30.59 1.28 -1.10	20.77 0.74 -0.06	25.40 1.00 -0.68	22.36 0.75 -0.15	25.78 1.09 -0.73	24.48 0.99 -0.37	28.48 1.18 -1.15	31.51 1.03 -1.17	24.67 0.22 -0.24	22.80 0.09 -0.07	25.33 0.21 -0.20	25.03 0.11 -0.15	30.46 0.32 -0.41	39.34 0.50 -1.24	40.59 0.48 -1.43	48.07 0.84 -1.91	50.88 0.88 -2.24	93.07 2.14 -4.84	89.15 2.84 -3.80	62.80 2.22 -3.52	59.51 2.05 -3.19	53.01 1.40 -2.51	50.19 1.21 -2.36	40.41 1.00 -1.42
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.49 0.31 -0.96	20.07 0.05 -0.05	24.56 0.24 -0.60	21.64 0.05 -0.13	24.94 0.34 -0.64	23.60 0.16 -0.33	26.99 -0.17 -1.01	29.63 -0.70 -1.02	23.42 -1.00 -0.22	22.24 -0.47 -0.06	24.75 -0.35 -0.18	24.44 -0.47 -0.14	29.72 -0.36 -0.36	38.29 -0.39 -1.09	39.29 -0.65 -1.25	46.69 -0.31 -1.68	49.33 -0.39 -1.97	89.37 -0.97 -4.25	83.34 -2.51 -3.33	58.36 -1.79 -3.09	55.42 -1.65 -2.80	49.29 -2.01 -2.20	47.13 -1.55 -2.07	38.58 -0.66 -1.25

SAWYER___23_KV_LOAD 55526	29.49	20.07	24.56	21.64	24.94	23.60	26.99	29.63	23.42	22.24	24.75	24.44	29.72	38.29	39.29	46.69	49.33	89.37	83.34	58.36	55.42	49.29	47.13	38.58
	0.31	0.05	0.24	0.05	0.34	0.16	-0.17	-0.70	-1.00	-0.47	-0.35	-0.47	-0.36	-0.39	-0.65	-0.31	-0.39	-0.97	-2.51	-1.79	-1.65	-2.01	-1.55	-0.66
	-0.96	-0.05	-0.60	-0.13	-0.64	-0.33	-1.01	-1.02	-0.22	-0.06	-0.18	-0.14	-0.36	-1.09	-1.25	-1.68	-1.97	-4.25	-3.33	-3.09	-2.80	-2.20	-2.07	-1.25
SELKIRK___I 23801	28.44	20.33	24.15	21.92	24.39	23.51	26.60	29.83	24.60	22.89	25.09	24.92	29.77	37.65	38.70	44.67	23.70	81.47	80.74	55.86	53.05	48.14	45.63	37.21
	0.42	0.37	0.43	0.46	0.44	0.43	0.45	0.52	0.39	0.25	0.17	0.16	0.05	0.06	0.01	-0.65	-0.80	-1.58	-1.77	-1.19	-1.22	-0.96	-0.99	-0.78
	0.20	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.25	3.04	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	28.19	20.19	23.97	21.75	24.20	23.33	26.41	29.68	24.57	22.90	25.08	24.90	29.70	37.54	38.69	45.17	-36.58	74.37	81.31	56.21	53.41	48.48	45.93	37.45
	0.22	0.23	0.25	0.30	0.24	0.25	0.26	0.37	0.37	0.26	0.16	0.13	-0.03	-0.05	0.00	-0.15	-0.27	-0.74	-1.20	-0.84	-0.86	-0.62	-0.68	-0.54
	0.24	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.06	10.98	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	31.28	19.89	25.52	21.61	25.92	23.99	29.42	32.57	24.55	22.44	25.05	24.73	30.37	40.71	42.39	50.47	54.05	100.05	93.03	67.14	63.26	56.02	53.05	41.65
	-0.32	-0.27	-0.30	-0.30	-0.28	-0.27	-0.28	-0.34	-0.41	-0.42	-0.49	-0.52	-0.62	-0.72	-0.70	-0.74	-0.63	-0.98	-1.20	-0.79	-0.85	-0.81	-0.84	-0.72
	-3.39	-0.19	-2.10	-0.46	-2.24	-1.16	-3.55	-3.60	-0.75	-0.22	-0.62	-0.48	-1.27	-3.84	-4.40	-5.89	-6.92	-14.94	-11.72	-10.87	-9.83	-7.73	-7.27	-4.38
SENECA___115KV_TB3 355854	29.73	20.22	24.75	21.78	25.12	23.77	27.25	29.96	23.68	22.43	24.97	24.66	30.01	38.66	39.67	47.12	49.77	90.35	84.29	59.05	56.04	49.83	47.57	38.88
	0.54	0.20	0.42	0.20	0.51	0.33	0.07	-0.39	-0.74	-0.27	-0.13	-0.24	-0.08	-0.04	-0.29	0.10	0.01	-0.07	-1.61	-1.15	-1.08	-1.51	-1.15	-0.38
	-0.98	-0.05	-0.61	-0.13	-0.65	-0.33	-1.03	-1.04	-0.22	-0.06	-0.18	-0.14	-0.37	-1.11	-1.27	-1.70	-2.00	-4.32	-3.39	-3.14	-2.84	-2.24	-2.10	-1.27
SENECA___ENERGY 23797	30.80	20.31	25.38	21.96	25.74	24.17	28.83	32.01	24.75	22.74	25.21	24.83	30.36	39.94	41.37	49.00	51.85	95.62	90.03	64.06	60.42	53.74	50.75	40.51
	0.49	0.23	0.35	0.22	0.40	0.34	0.47	0.48	0.08	-0.04	-0.09	-0.24	-0.15	-0.03	-0.05	0.03	-0.20	0.26	0.25	0.27	0.05	-0.16	-0.38	-0.20
	-2.10	-0.12	-1.30	-0.28	-1.39	-0.72	-2.21	-2.23	-0.47	-0.14	-0.39	-0.30	-0.78	-2.38	-2.73	-3.65	-4.29	-9.27	-7.27	-6.74	-6.10	-4.79	-4.51	-2.72
SHOEMAKER___GT 23640	29.22	20.44	24.21	21.88	24.47	23.73	26.87	30.20	25.04	23.47	25.89	25.85	30.94	39.14	40.36	47.09	49.61	89.45	84.74	58.42	55.33	50.28	47.54	38.67
	0.66	0.47	0.49	0.43	0.51	0.56	0.72	0.89	0.84	0.83	0.97	1.08	1.21	1.55	1.67	1.77	1.85	3.36	2.23	1.37	1.06	1.18	0.93	0.67
	-0.35	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	29.21	20.43	24.21	21.87	24.46	23.73	26.86	30.19	25.04	23.48	25.92	25.89	30.98	39.19	40.41	47.15	49.65	89.46	84.70	58.39	55.27	50.26	47.53	38.65
	0.65	0.46	0.49	0.42	0.49	0.56	0.71	0.88	0.84	0.84	1.00	1.12	1.25	1.60	1.72	1.83	1.89	3.37	2.19	1.34	1.01	1.16	0.91	0.66
	-0.34	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	29.44	20.74	24.37	21.80	24.32	23.66	26.79	29.97	25.18	23.72	26.39	26.29	31.47	39.88	41.35	47.86	50.20	89.64	84.21	57.92	54.97	49.70	46.75	38.36
	0.72	0.77	0.65	0.35	0.36	0.48	0.64	0.66	0.98	1.08	1.48	1.52	1.75	2.29	2.66	2.55	2.45	3.55	1.70	0.87	0.70	0.60	0.14	0.37
	-0.51	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_2 23716	29.44	20.74	24.37	21.80	24.32	23.66	26.79	29.96	25.18	23.73	26.38	26.29	31.47	39.88	41.35	47.86	50.20	89.64	84.21	57.91	54.97	49.70	46.77	38.36
	0.72	0.77	0.65	0.35	0.36	0.48	0.64	0.66	0.98	1.08	1.47	1.52	1.75	2.29	2.66	2.55	2.45	3.55	1.70	0.86	0.69	0.60	0.15	0.37
	-0.51	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SISSONVILLE____ 23735	29.07	20.31	24.41	21.84	24.59	23.70	26.95	30.09	24.36	22.65	25.00	24.79	29.90	38.10	39.15	45.69	48.48	88.54	85.84	59.91	57.25	51.44	49.15	39.89
	0.49	0.33	0.45	0.34	0.38	0.46	0.41	0.38	0.08	-0.02	0.01	-0.03	0.04	0.09	-0.03	-0.28	-0.04	0.79	2.04	1.66	1.89	1.49	1.73	1.42
	-0.37	-0.02	-0.23	-0.05	-0.25	-0.13	-0.39	-0.40	-0.08	-0.03	-0.07	-0.05	-0.14	-0.42	-0.48	-0.65	-0.77	-1.65	-1.29	-1.20	-1.09	-0.85	-0.80	-0.48
SITHE_IND_GS1 24169	14.70	18.74	15.17	19.16	14.90	18.16	12.06	14.95	20.64	21.13	21.82	22.20	24.05	21.98	20.95	21.81	20.32	27.46	35.93	14.38	15.54	18.42	17.72	20.27
	-0.69	-0.51	-0.59	-0.56	-0.58	-0.57	-0.64	-0.75	-0.71	-0.67	-0.75	-0.76	-0.88	-1.08	-1.10	-1.23	-1.25	-2.09	-2.22	-1.53	-1.52	-1.42	-1.38	-1.14
	12.82	0.71	7.96	1.73	8.48	4.37	13.45	13.61	2.86	0.84	2.36	1.81	4.79	14.53	16.63	22.29	26.18	56.54	44.35	41.14	37.21	29.26	27.51	16.58
SITHE_IND_GS2 24170	14.70	18.74	15.17	19.16	14.90	18.16	12.06	14.95	20.64	21.13	21.82	22.20	24.05	21.98	20.95	21.81	20.32	27.46	35.93	14.38	15.54	18.42	17.72	20.27
	-0.69	-0.51	-0.59	-0.56	-0.58	-0.57	-0.64	-0.75	-0.71	-0.67	-0.75	-0.76	-0.88	-1.08	-1.10	-1.23	-1.25	-2.09	-2.22	-1.53	-1.52	-1.42	-1.38	-1.14
	12.82	0.71	7.96	1.73	8.48	4.37	13.45	13.61	2.86	0.84	2.36	1.81	4.79	14.53	16.63	22.29	26.18	56.54	44.35	41.14	37.21	29.26	27.51	16.58
SITHE_IND_GS3 24171	14.70	18.74	15.17	19.16	14.90	18.16	12.06	14.95	20.64	21.13	21.82	22.20	24.05	21.98	20.95	21.81	20.32	27.46	35.93	14.38	15.54	18.42	17.72	20.27
	-0.69	-0.51	-0.59	-0.56	-0.58	-0.57	-0.64	-0.75	-0.71	-0.67	-0.75	-0.76	-0.88	-1.08	-1.10	-1.23	-1.25	-2.09	-2.22	-1.53	-1.52	-1.42	-1.38	-1.14
	12.82	0.71	7.96	1.73	8.48	4.37	13.45	13.61	2.86	0.84	2.36	1.81	4.79	14.53	16.63	22.29	26.18	56.54	44.35	41.14	37.21	29.26	27.51	16.58
SITHE_IND_GS4 24172	14.70	18.74	15.17	19.16	14.90	18.16	12.06	14.95	20.64	21.13	21.82	22.20	24.05	21.98	20.95	21.81	20.32	27.46	35.93	14.38	15.54	18.42	17.72	20.27
	-0.69	-0.51	-0.59	-0.56	-0.58	-0.57	-0.64	-0.75	-0.71	-0.67	-0.75	-0.76	-0.88	-1.08	-1.10	-1.23	-1.25	-2.09	-2.22	-1.53	-1.52	-1.42	-1.38	-1.14
	12.82	0.71	7.96	1.73	8.48	4.37	13.45	13.61	2.86	0.84	2.36	1.81	4.79	14.53	16.63	22.29	26.18	56.54	44.35	41.14	37.21	29.26	27.51	16.58

SITHE___BATAVIA 24024	30.28 1.12 -0.95	20.63 0.62 -0.05	25.18 0.87 -0.59	22.23 0.65 -0.13	25.55 0.96 -0.63	24.25 0.81 -0.32	27.84 0.70 -0.99	30.68 0.36 -1.01	24.25 -0.16 -0.21	22.75 0.05 -0.06	25.18 0.09 -0.18	24.90 0.00 -0.13	30.31 0.23 -0.35	39.39 0.73 -1.07	40.31 0.38 -1.23	47.86 0.89 -1.65	50.53 0.84 -1.94	92.31 2.04 -4.18	86.90 1.11 -3.28	61.08 0.98 -3.04	57.88 0.86 -2.75	51.46 0.19 -2.16	48.98 0.33 -2.03	40.10 0.88 -1.23
SITHE___INDEPEND 23800	14.70 -0.69 12.82	18.74 -0.51 0.71	15.17 -0.59 7.96	19.16 -0.56 1.73	14.90 -0.59 8.48	18.16 -0.57 4.37	12.06 -0.64 13.45	14.95 -0.75 13.61	20.64 -0.71 2.86	21.13 -0.68 0.84	21.82 -0.75 2.36	22.20 -0.76 1.81	24.05 -0.88 4.79	21.98 -1.08 14.53	20.95 -1.10 16.63	21.81 -1.23 22.29	20.32 -1.25 26.18	27.46 -2.10 56.54	35.94 -2.22 44.35	14.38 -1.53 41.14	15.54 -1.52 37.21	18.42 -1.42 29.26	17.72 -1.38 27.51	20.27 -1.14 16.58
SITHE___MASSENA 23902	28.47 0.25 0.00	20.13 0.16 0.00	23.94 0.21 0.00	21.62 0.17 0.00	24.13 0.17 0.00	23.32 0.20 0.00	26.27 0.12 0.00	29.39 0.08 0.00	24.17 -0.04 0.00	22.61 -0.04 0.00	24.95 0.03 0.00	24.73 -0.03 0.00	29.77 0.05 0.00	37.65 0.07 0.00	38.68 -0.02 0.00	44.96 -0.36 0.00	47.80 0.04 0.00	86.51 0.41 0.00	83.62 1.11 0.00	58.19 1.13 0.00	55.66 1.39 0.00	50.08 0.98 0.00	47.76 1.14 0.00	38.97 0.98 0.00
SITHE___OGDNSBRG 24021	29.30 0.79 -0.30	20.52 0.53 -0.02	24.59 0.69 -0.18	22.07 0.58 -0.04	24.80 0.65 -0.20	23.91 0.70 -0.10	27.18 0.72 -0.31	30.35 0.73 -0.31	24.48 0.22 -0.06	22.71 0.05 -0.02	25.09 0.11 -0.05	24.84 0.03 -0.04	29.98 0.14 -0.11	38.20 0.27 -0.34	39.27 0.19 -0.38	45.67 -0.16 -0.51	48.50 0.14 -0.60	89.31 1.91 -1.31	86.98 3.44 -1.03	60.67 2.67 -0.95	58.00 2.87 -0.86	52.02 2.24 -0.68	49.58 2.33 -0.64	40.28 1.90 -0.38
SITHE___STERLING 23777	29.93 0.88 -0.83	20.61 0.60 -0.05	24.97 0.73 -0.52	22.22 0.66 -0.11	25.29 0.78 -0.55	24.18 0.79 -0.28	27.99 0.97 -0.87	31.21 1.02 -0.89	25.06 0.67 -0.19	23.11 0.41 -0.05	25.45 0.38 -0.15	25.26 0.37 -0.12	30.49 0.45 -0.31	39.21 0.68 -0.95	40.49 0.71 -1.08	47.63 0.87 -1.45	50.56 1.10 -1.70	92.72 2.95 -3.68	88.30 2.90 -2.89	61.81 2.08 -2.68	58.54 1.85 -2.42	52.63 1.62 -1.90	49.89 1.48 -1.79	40.10 1.03 -1.08
SLEIGHT__34_KV_TB1 80719	29.47 0.05 -1.20	19.98 -0.06 -0.07	24.45 -0.02 -0.75	21.54 -0.08 -0.16	24.79 0.03 -0.80	23.55 0.03 -0.41	27.46 0.04 -1.26	30.49 -0.10 -1.28	24.13 -0.34 -0.27	22.43 -0.29 -0.08	24.84 -0.29 -0.22	24.61 -0.32 -0.17	29.90 -0.28 -0.45	38.71 -0.25 -1.36	40.06 -0.20 -1.56	47.49 0.08 -2.09	50.34 0.13 -2.46	92.06 0.66 -5.31	86.91 0.23 -4.16	61.08 0.17 -3.86	57.79 0.03 -3.50	51.58 -0.27 -2.75	48.87 -0.33 -2.58	39.29 -0.26 -1.56
SMITHTWN_69_KV_BK 1 55830	29.85 1.13 -0.51	20.93 0.96 0.00	24.60 0.88 0.00	22.11 0.66 0.00	24.67 0.71 0.00	24.00 0.82 -0.07	27.18 1.03 0.00	30.36 1.05 0.00	25.51 1.31 0.00	24.04 1.40 0.00	26.75 1.83 0.00	26.71 1.94 0.00	32.04 2.32 0.00	40.62 3.03 0.00	42.07 3.38 0.00	48.69 3.37 0.00	50.99 3.24 0.00	90.77 4.68 0.00	85.21 2.70 0.00	58.58 1.53 0.00	55.72 1.45 0.00	50.45 1.35 0.00	47.56 0.95 0.00	39.06 1.07 0.00
SOUTH CAIRO___GT 23612	29.02 0.94 0.13	20.68 0.71 0.00	24.54 0.82 0.00	22.29 0.84 0.00	24.78 0.82 0.00	23.94 0.84 0.02	27.13 0.98 0.00	30.51 1.20 0.00	25.03 0.83 0.00	23.09 0.45 0.00	25.17 0.25 0.00	24.94 0.18 0.00	29.74 0.02 0.00	37.64 0.05 0.00	38.83 0.14 0.00	45.45 0.13 0.00	18.44 0.33 29.65	83.28 1.05 3.87	84.01 1.50 0.00	58.32 1.27 0.00	55.39 1.13 0.00	50.08 0.98 0.00	47.29 0.67 0.00	38.53 0.54 0.00
SOUTH HAMPTN___IC 23720	29.88 1.16 -0.51	21.03 1.06 0.00	24.73 1.01 0.00	22.16 0.71 0.00	24.73 0.77 0.00	24.01 0.83 -0.07	27.22 1.07 0.00	30.48 1.17 0.00	25.62 1.42 0.00	24.13 1.48 0.00	26.84 1.92 0.00	26.77 2.00 0.00	32.05 2.33 0.00	40.58 2.99 0.00	42.11 3.42 0.00	48.81 3.49 0.00	51.21 3.46 0.00	91.45 5.36 0.00	85.80 3.30 0.00	58.94 1.89 0.00	55.84 1.57 0.00	50.35 1.25 0.00	47.14 0.52 0.00	38.57 0.58 0.00
SOUTHDOW_115KV_TB1 355954	30.41 1.20 -1.00	20.64 0.62 -0.06	25.28 0.94 -0.62	22.17 0.58 -0.13	25.69 1.07 -0.66	24.29 0.84 -0.34	28.06 0.87 -1.05	31.15 0.78 -1.06	24.62 0.19 -0.22	23.23 0.52 -0.06	25.86 0.75 -0.18	25.67 0.76 -0.14	31.20 1.10 -0.37	40.20 1.48 -1.13	41.05 1.06 -1.30	48.52 1.47 -1.73	51.31 1.51 -2.04	93.14 2.65 -4.40	86.70 0.74 -3.45	60.68 0.42 -3.20	57.24 0.07 -2.90	50.82 -0.56 -2.28	48.33 -0.43 -2.14	39.39 0.11 -1.29
SOUTHOLD_69_KV_BK 2 55809	30.32 1.60 -0.51	21.35 1.39 0.00	25.15 1.43 0.00	22.56 1.10 0.00	25.18 1.22 0.00	24.37 1.19 -0.07	27.66 1.51 0.00	31.04 1.73 0.00	26.11 1.90 0.00	24.56 1.92 0.00	27.27 2.35 0.00	27.24 2.48 0.00	32.61 2.88 0.00	41.29 3.70 0.00	42.87 4.18 0.00	49.79 4.47 0.00	52.31 4.56 0.00	93.52 7.42 0.00	87.58 5.07 0.00	60.05 3.00 0.00	56.74 2.47 0.00	50.92 1.82 0.00	47.25 0.63 0.00	38.43 0.44 0.00
SOUTHOLD___IC 23719	30.32 1.60 -0.51	21.36 1.39 0.00	25.15 1.43 0.00	22.56 1.10 0.00	25.18 1.22 0.00	24.37 1.19 -0.07	27.66 1.51 0.00	31.05 1.74 0.00	26.11 1.90 0.00	24.56 1.92 0.00	27.27 2.36 0.00	27.24 2.48 0.00	32.61 2.89 0.00	41.29 3.70 0.00	42.87 4.18 0.00	49.79 4.47 0.00	52.31 4.56 0.00	93.52 7.42 0.00	87.57 5.07 0.00	60.06 3.00 0.00	56.74 2.47 0.00	50.91 1.81 0.00	47.24 0.62 0.00	38.44 0.44 0.00
SOUTH_FORK_WT_PWR 323839	30.36 1.64 -0.51	21.41 1.44 0.00	25.24 1.52 0.00	22.63 1.18 0.00	25.26 1.30 0.00	24.39 1.21 -0.07	27.69 1.55 0.00	31.12 1.81 0.00	26.18 1.98 0.00	24.60 1.95 0.00	27.33 2.41 0.00	27.31 2.55 0.00	32.68 2.95 0.00	41.36 3.77 0.00	42.95 4.26 0.00	49.89 4.57 0.00	52.42 4.67 0.00	93.69 7.60 0.00	87.68 5.17 0.00	60.05 2.99 0.00	56.65 2.38 0.00	50.69 1.59 0.00	46.74 0.13 0.00	37.91 -0.08 0.00
SPIERFLS_115KV_TB 1 80737	28.98 1.23 0.46	20.92 0.96 0.00	24.78 1.05 0.00	22.49 1.03 0.00	25.03 1.07 0.00	24.01 0.97 0.07	27.51 1.36 0.00	30.82 1.51 0.00	25.27 1.07 0.00	23.45 0.81 0.00	25.51 0.59 0.00	25.27 0.50 0.00	30.30 0.57 0.00	38.33 0.74 0.00	39.54 0.85 0.00	46.58 1.26 0.00	49.45 1.69 0.00	89.87 3.77 0.00	86.27 3.76 0.00	59.82 2.76 0.00	56.79 2.53 0.00	51.35 2.24 0.00	48.31 1.69 0.00	39.22 1.23 0.00
ST LAWRENCE____ 23600	28.13 -0.08 0.00	19.90 -0.07 0.00	23.65 -0.08 0.00	21.37 -0.08 0.00	23.84 -0.12 0.00	23.01 -0.10 0.00	25.98 -0.16 0.00	29.08 -0.23 0.00	24.02 -0.19 0.00	22.49 -0.15 0.00	24.80 -0.12 0.00	24.61 -0.16 0.00	29.60 -0.12 0.00	37.37 -0.22 0.00	38.38 -0.31 0.00	45.05 -0.27 0.00	47.51 -0.24 0.00	85.55 -0.55 0.00	82.83 0.32 0.00	57.40 0.34 0.00	54.87 0.60 0.00	49.44 0.33 0.00	47.09 0.48 0.00	38.44 0.44 0.00

STATE_CA_115KV_115_LB 55624	28.07 0.21 0.35	20.20 0.23 0.00	23.98 0.25 0.00	21.78 0.32 0.00	24.20 0.24 0.00	23.33 0.27 0.05	26.44 0.29 0.00	29.74 0.43 0.00	24.62 0.41 0.00	22.98 0.33 0.00	25.22 0.30 0.00	25.09 0.32 0.00	29.92 0.20 0.00	37.84 0.25 0.00	39.02 0.33 0.00	45.65 0.33 0.00	48.08 0.33 0.00	86.57 0.48 0.00	82.50 -0.01 0.00	56.99 -0.07 0.00	54.08 -0.19 0.00	49.02 -0.08 0.00	46.40 -0.22 0.00	37.81 -0.18 0.00
STATE_ST_34_KV_LOAD 55959	30.66 0.30 -2.14	20.22 0.14 -0.12	25.26 0.21 -1.33	21.88 0.13 -0.29	25.63 0.26 -1.42	24.06 0.22 -0.73	28.70 0.30 -2.25	31.86 0.28 -2.27	24.68 0.00 -0.48	22.70 -0.08 -0.14	25.20 -0.11 -0.39	24.91 -0.16 -0.30	30.41 -0.12 -0.80	39.96 -0.06 -2.43	41.42 -0.06 -2.78	49.10 0.06 -3.72	52.20 0.07 -4.37	96.18 0.64 -9.44	90.45 0.54 -7.41	64.35 0.42 -6.87	60.78 0.29 -6.21	54.14 0.15 -4.89	51.20 -0.01 -4.59	40.75 -0.01 -2.77
STATION_5_MISC_HYD 23604	29.52 0.39 -0.92	20.17 0.15 -0.05	24.55 0.26 -0.57	21.73 0.15 -0.12	24.88 0.32 -0.60	23.69 0.26 -0.31	27.32 0.21 -0.96	30.29 0.01 -0.97	24.15 -0.26 -0.20	22.64 -0.06 -0.06	25.11 0.03 -0.17	24.90 0.01 -0.13	30.22 0.16 -0.34	38.92 0.30 -1.04	40.20 0.32 -1.19	47.60 0.69 -1.59	50.42 0.79 -1.87	91.73 1.61 -4.03	86.44 0.76 -3.17	60.46 0.47 -2.93	57.30 0.37 -2.66	51.15 -0.05 -2.09	48.57 -0.01 -1.97	39.31 0.13 -1.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.73 0.94 -1.58	20.59 0.53 -0.09	25.37 0.67 -0.98	22.21 0.54 -0.21	25.74 0.74 -1.04	24.29 0.64 -0.54	28.53 0.73 -1.65	31.67 0.69 -1.67	24.86 0.30 -0.35	23.09 0.34 -0.10	25.65 0.44 -0.29	25.41 0.42 -0.22	30.95 0.64 -0.59	40.29 0.91 -1.79	41.80 1.07 -2.04	49.60 1.54 -2.74	52.70 1.73 -3.22	96.68 3.64 -6.95	90.92 2.96 -5.45	64.09 1.98 -5.06	60.58 1.74 -4.57	53.89 1.19 -3.60	51.00 1.00 -3.38	40.87 0.84 -2.04
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.32 0.19 -0.92	20.04 0.02 -0.05	24.38 0.09 -0.57	21.59 0.01 -0.12	24.72 0.15 -0.61	23.54 0.11 -0.31	27.16 0.04 -0.97	30.13 -0.15 -0.98	24.03 -0.38 -0.20	22.51 -0.19 -0.06	24.96 -0.12 -0.17	24.75 -0.14 -0.13	30.05 -0.02 -0.34	38.69 0.06 -1.04	39.98 0.10 -1.20	47.33 0.41 -1.60	50.16 0.52 -1.88	91.31 1.15 -4.06	86.07 0.38 -3.18	60.19 0.19 -2.95	57.03 0.09 -2.67	50.91 -0.29 -2.10	48.32 -0.27 -1.98	39.07 -0.11 -1.19
STA_56___34_KV_BUS2 355983	29.32 0.19 -0.92	20.04 0.02 -0.05	24.38 0.09 -0.57	21.59 0.01 -0.12	24.72 0.15 -0.61	23.54 0.11 -0.31	27.16 0.04 -0.97	30.13 -0.15 -0.98	24.03 -0.38 -0.20	22.51 -0.19 -0.06	24.96 -0.12 -0.17	24.75 -0.14 -0.13	30.05 -0.02 -0.34	38.69 0.06 -1.04	39.98 0.10 -1.20	47.33 0.41 -1.60	50.16 0.52 -1.88	91.31 1.15 -4.06	86.07 0.38 -3.18	60.19 0.19 -2.95	57.03 0.09 -2.67	50.91 -0.29 -2.10	48.32 -0.27 -1.98	39.07 -0.11 -1.19
STA_67___115KV_BK2 355882	29.46 0.34 -0.91	20.14 0.12 -0.05	24.51 0.22 -0.57	21.69 0.11 -0.12	24.84 0.28 -0.60	23.65 0.22 -0.31	27.26 0.16 -0.96	30.23 -0.04 -0.97	24.10 -0.31 -0.20	22.59 -0.11 -0.06	25.06 -0.03 -0.17	24.84 -0.05 -0.13	30.15 0.09 -0.34	38.82 0.19 -1.03	40.08 0.20 -1.18	47.46 0.56 -1.59	50.27 0.66 -1.86	91.45 1.34 -4.02	86.20 0.54 -3.16	60.29 0.31 -2.93	57.16 0.24 -2.65	51.01 -0.17 -2.08	48.45 -0.13 -1.96	39.21 0.04 -1.18
STA_7___115KV_9TRANS 80674	29.70 0.57 -0.91	20.29 0.27 -0.05	24.67 0.38 -0.57	21.84 0.26 -0.12	25.01 0.45 -0.60	23.82 0.40 -0.31	27.48 0.37 -0.96	30.48 0.21 -0.97	24.30 -0.10 -0.20	22.79 0.08 -0.06	25.29 0.20 -0.17	25.09 0.19 -0.13	30.47 0.41 -0.34	39.23 0.61 -1.04	40.55 0.68 -1.19	48.04 1.13 -1.59	50.91 1.28 -1.87	92.64 2.52 -4.03	87.26 1.59 -3.16	61.02 1.03 -2.93	57.83 0.91 -2.65	51.62 0.43 -2.08	48.98 0.40 -1.96	39.61 0.44 -1.18
STA_82___115KV_TB1 80780	29.50 0.36 -0.93	20.15 0.13 -0.05	24.53 0.23 -0.58	21.71 0.13 -0.12	24.87 0.29 -0.62	23.67 0.24 -0.32	27.30 0.18 -0.97	30.27 -0.03 -0.99	24.12 -0.30 -0.21	22.60 -0.10 -0.06	25.07 -0.02 -0.17	24.85 -0.05 -0.13	30.16 0.09 -0.35	38.86 0.21 -1.05	40.13 0.23 -1.21	47.50 0.57 -1.62	50.33 0.67 -1.90	91.61 1.42 -4.10	86.34 0.61 -3.21	60.40 0.36 -2.98	57.24 0.28 -2.70	51.09 -0.13 -2.12	48.51 -0.10 -2.00	39.26 0.06 -1.20
STEEL___WIND 323596	29.70 0.51 -0.98	20.19 0.17 -0.05	24.73 0.40 -0.61	21.76 0.17 -0.13	25.09 0.48 -0.65	23.75 0.31 -0.33	27.22 0.04 -1.03	29.91 -0.44 -1.04	23.64 -0.78 -0.22	22.41 -0.30 -0.06	24.94 -0.16 -0.18	24.62 -0.28 -0.14	29.95 -0.14 -0.37	38.58 -0.12 -1.11	39.58 -0.38 -1.27	47.02 0.00 -1.70	49.66 -0.10 -2.00	90.20 -0.21 -4.32	84.17 -1.73 -3.39	58.96 -1.24 -3.14	55.94 -1.18 -2.84	49.71 -1.62 -2.24	47.50 -1.21 -2.10	38.83 -0.43 -1.27
STEPHTWN_115KV_BK_2 55603	28.24 0.37 0.34	20.28 0.31 0.00	24.06 0.33 0.00	21.85 0.40 0.00	24.33 0.37 0.00	23.45 0.39 0.05	26.63 0.48 0.00	29.91 0.60 0.00	24.75 0.55 0.00	23.09 0.44 0.00	25.31 0.39 0.00	25.13 0.37 0.00	30.00 0.28 0.00	37.85 0.26 0.00	39.10 0.41 0.00	45.76 0.44 0.00	48.10 0.34 0.00	86.87 0.78 0.00	82.84 0.33 0.00	57.09 0.04 0.00	54.24 -0.03 0.00	49.07 -0.03 0.00	46.43 -0.18 0.00	37.85 -0.14 0.00
STEBEN_REC_LFGE 323667	30.34 0.82 -1.31	20.43 0.39 -0.07	25.14 0.60 -0.81	21.99 0.37 -0.18	25.54 0.72 -0.86	24.10 0.54 -0.45	28.10 0.59 -1.37	30.97 0.28 -1.38	24.20 -0.29 -0.29	22.49 -0.24 -0.09	24.95 -0.21 -0.24	24.53 -0.42 -0.18	29.91 -0.30 -0.49	38.78 -0.29 -1.48	39.84 -0.54 -1.69	47.08 -0.51 -2.27	49.65 -0.77 -2.66	91.41 -0.43 -5.75	86.75 -0.28 -4.51	61.16 -0.07 -4.18	57.85 -0.20 -3.79	51.81 -0.26 -2.98	48.85 -0.57 -2.80	39.02 -0.66 -1.69
STILLWATER___SOLAR 323814	28.82 1.09 0.48	20.81 0.84 0.00	24.66 0.94 0.00	22.37 0.92 0.00	24.92 0.96 0.00	23.95 0.91 0.07	27.34 1.19 0.00	30.68 1.37 0.00	25.23 1.03 0.00	23.46 0.81 0.00	25.63 0.71 0.00	25.43 0.66 0.00	30.46 0.73 0.00	38.51 0.92 0.00	39.74 1.04 0.00	46.68 1.36 0.00	49.38 1.62 0.00	89.46 3.37 0.00	85.67 3.16 0.00	59.31 2.26 0.00	56.31 2.05 0.00	50.95 1.85 0.00	48.09 1.47 0.00	39.12 1.12 0.00
STONY___BROOK 24151	29.81 1.09 -0.51	20.90 0.94 0.00	24.57 0.84 0.00	22.07 0.62 0.00	24.63 0.67 0.00	23.96 0.78 -0.07	27.14 0.98 0.00	30.33 1.02 0.00	25.47 1.27 0.00	24.01 1.37 0.00	26.71 1.79 0.00	26.66 1.89 0.00	31.97 2.25 0.00	40.53 2.94 0.00	41.99 3.29 0.00	48.60 3.28 0.00	50.89 3.14 0.00	90.42 4.33 0.00	84.88 2.38 0.00	58.36 1.31 0.00	55.62 1.35 0.00	50.36 1.26 0.00	47.46 0.85 0.00	38.98 0.98 0.00
STURGEON_POOL_HYD 23609	29.38 0.91 -0.26	20.63 0.66 0.00	24.38 0.66 0.00	22.06 0.61 0.00	24.63 0.67 0.00	23.89 0.74 -0.04	27.10 0.95 0.00	30.49 1.18 0.00	25.39 1.19 0.00	23.85 1.21 0.00	26.34 1.42 0.00	26.34 1.57 0.00	31.47 1.74 0.00	39.80 2.21 0.00	41.08 2.39 0.00	47.98 2.66 0.00	43.73 2.83 6.86	90.20 5.00 0.90	86.02 3.50 0.00	59.23 2.18 0.00	56.06 1.79 0.00	50.89 1.79 0.00	48.05 1.44 0.00	39.07 1.08 0.00

ST_LAW_115_BK7_LBMP 345037	28.12 -0.09 0.00	19.88 -0.08 0.00	23.63 -0.09 0.00	21.36 -0.09 0.00	23.84 -0.12 0.00	23.01 -0.10 0.00	25.97 -0.18 0.00	29.06 -0.25 0.00	23.99 -0.21 0.00	22.47 -0.17 0.00	24.78 -0.14 0.00	24.58 -0.19 0.00	29.57 -0.15 0.00	37.34 -0.25 0.00	38.35 -0.34 0.00	45.00 -0.32 0.00	47.49 -0.27 0.00	85.49 -0.60 0.00	82.84 0.34 0.00	57.43 0.38 0.00	54.92 0.65 0.00	49.47 0.36 0.00	47.13 0.52 0.00	38.46 0.47 0.00
ST_LAW_115_BK8_LBMP 345038	28.12 -0.09 0.00	19.88 -0.08 0.00	23.63 -0.09 0.00	21.36 -0.09 0.00	23.84 -0.12 0.00	23.01 -0.10 0.00	25.97 -0.18 0.00	29.06 -0.25 0.00	23.99 -0.21 0.00	22.47 -0.17 0.00	24.78 -0.14 0.00	24.58 -0.19 0.00	29.57 -0.15 0.00	37.34 -0.25 0.00	38.35 -0.34 0.00	45.00 -0.32 0.00	47.49 -0.27 0.00	85.49 -0.60 0.00	82.84 0.34 0.00	57.43 0.38 0.00	54.92 0.65 0.00	49.47 0.36 0.00	47.13 0.52 0.00	38.46 0.47 0.00
ST_LAW_230_BK5_LBMP 345035	28.13 -0.08 0.00	19.90 -0.07 0.00	23.65 -0.08 0.00	21.37 -0.08 0.00	23.84 -0.12 0.00	23.01 -0.10 0.00	25.98 -0.16 0.00	29.08 -0.23 0.00	24.02 -0.19 0.00	22.49 -0.15 0.00	24.80 -0.12 0.00	24.61 -0.16 0.00	29.60 -0.12 0.00	37.37 -0.22 0.00	38.38 -0.31 0.00	45.05 -0.27 0.00	47.51 -0.24 0.00	85.55 -0.55 0.00	82.83 0.32 0.00	57.40 0.34 0.00	54.87 0.60 0.00	49.44 0.33 0.00	47.09 0.48 0.00	38.44 0.44 0.00
ST_LAW_230_BK6_LBMP 345036	28.13 -0.08 0.00	19.90 -0.07 0.00	23.65 -0.08 0.00	21.37 -0.08 0.00	23.84 -0.12 0.00	23.01 -0.10 0.00	25.98 -0.16 0.00	29.08 -0.23 0.00	24.02 -0.19 0.00	22.49 -0.15 0.00	24.80 -0.12 0.00	24.61 -0.16 0.00	29.60 -0.12 0.00	37.37 -0.22 0.00	38.38 -0.31 0.00	45.05 -0.27 0.00	47.51 -0.24 0.00	85.55 -0.55 0.00	82.83 0.32 0.00	57.40 0.34 0.00	54.87 0.60 0.00	49.44 0.33 0.00	47.09 0.48 0.00	38.44 0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.34 0.76 -0.37	20.50 0.54 0.00	24.27 0.55 0.00	21.92 0.46 0.00	24.52 0.56 0.00	23.80 0.63 -0.06	26.95 0.80 0.00	30.31 1.00 0.00	25.18 0.98 0.00	23.64 0.99 0.00	26.12 1.21 0.00	26.12 1.35 0.00	31.26 1.54 0.00	39.56 1.97 0.00	40.81 2.12 0.00	47.59 2.27 0.00	50.08 2.33 0.00	90.17 4.08 0.00	85.17 2.66 0.00	58.63 1.57 0.00	55.46 1.19 0.00	50.47 1.36 0.00	47.70 1.08 0.00	38.78 0.79 0.00
SWANROAD_115KV_TB1 355699	29.27 0.10 -0.96	19.94 -0.08 -0.05	24.40 0.08 -0.59	21.52 -0.06 -0.13	24.79 0.19 -0.63	23.43 -0.01 -0.33	26.71 -0.44 -1.00	29.18 -1.15 -1.01	23.00 -1.41 -0.21	21.87 -0.83 -0.06	24.32 -0.77 -0.18	23.99 -0.91 -0.14	29.16 -0.93 -0.36	37.44 -1.24 -1.08	38.39 -1.54 -1.24	45.64 -1.34 -1.66	48.19 -1.52 -1.95	87.32 -2.98 -4.21	81.38 -4.43 -3.30	57.02 -3.10 -3.06	54.20 -2.84 -2.77	48.17 -3.11 -2.18	46.11 -2.56 -2.05	38.29 -0.93 -1.23
SYNERGY___BIOGAS 323694	30.28 1.12 -0.95	20.64 0.62 -0.05	25.18 0.87 -0.59	22.23 0.65 -0.13	25.55 0.96 -0.63	24.25 0.81 -0.32	27.85 0.70 -0.99	30.70 0.38 -1.01	24.25 -0.16 -0.21	22.75 0.05 -0.06	25.18 0.09 -0.18	24.90 0.00 -0.13	30.32 0.24 -0.35	39.39 0.73 -1.07	40.31 0.39 -1.23	47.86 0.89 -1.65	50.55 0.85 -1.94	92.32 2.05 -4.18	86.94 1.15 -3.28	61.10 1.00 -3.04	57.92 0.90 -2.75	51.48 0.22 -2.16	48.99 0.34 -2.03	40.10 0.88 -1.23
SYRACUSE___ENERGY_ST1 323597	30.60 0.05 -2.34	20.08 -0.01 -0.13	25.18 0.01 -1.45	21.74 -0.03 -0.31	25.54 0.03 -1.55	23.93 0.02 -0.80	28.66 0.06 -2.45	31.81 0.02 -2.48	24.58 -0.14 -0.52	22.62 -0.17 -0.15	25.16 -0.19 -0.43	24.90 -0.20 -0.33	30.41 -0.19 -0.87	40.07 -0.17 -2.65	41.58 -0.14 -3.03	49.33 -0.06 -4.06	52.53 -0.01 -4.78	96.77 0.36 -10.31	90.71 0.11 -8.09	64.61 0.05 -7.50	60.99 -0.07 -6.79	54.29 -0.15 -5.34	51.40 -0.24 -5.02	40.80 -0.22 -3.02
SYRACUSE___ENERGY_ST2 323598	30.60 0.05 -2.34	20.08 -0.01 -0.13	25.18 0.01 -1.45	21.74 -0.03 -0.31	25.54 0.03 -1.55	23.93 0.02 -0.80	28.66 0.06 -2.45	31.81 0.02 -2.48	24.58 -0.14 -0.52	22.62 -0.17 -0.15	25.16 -0.19 -0.43	24.90 -0.20 -0.33	30.41 -0.19 -0.87	40.07 -0.17 -2.65	41.58 -0.14 -3.03	49.33 -0.06 -4.06	52.53 -0.01 -4.78	96.77 0.36 -10.31	90.71 0.11 -8.09	64.61 0.05 -7.50	60.99 -0.07 -6.79	54.29 -0.15 -5.34	51.40 -0.24 -5.02	40.80 -0.22 -3.02
SYRACUSE___POWER 24017	30.14 0.05 -1.88	20.06 -0.01 -0.11	24.89 0.00 -1.17	21.68 -0.03 -0.25	25.23 0.03 -1.24	23.78 0.02 -0.64	28.17 0.06 -1.97	31.32 0.02 -1.99	24.48 -0.14 -0.42	22.60 -0.16 -0.12	25.08 -0.18 -0.35	24.85 -0.18 -0.26	30.26 -0.16 -0.70	39.57 -0.15 -2.13	41.00 -0.12 -2.44	48.55 -0.03 -3.26	51.63 0.04 -3.83	94.78 0.42 -8.27	89.15 0.15 -6.49	63.14 0.07 -6.02	59.66 -0.06 -5.45	53.25 -0.13 -4.28	50.42 -0.22 -4.02	40.19 -0.23 -2.43
TALLMAN_138KV_BK151 55660	29.54 0.92 -0.41	20.61 0.64 0.00	24.37 0.64 0.00	22.01 0.56 0.00	24.61 0.65 0.00	23.90 0.72 -0.06	27.07 0.91 0.00	30.48 1.17 0.00	25.34 1.13 0.00	23.82 1.18 0.00	26.36 1.44 0.00	26.38 1.62 0.00	31.59 1.86 0.00	40.01 2.42 0.00	41.27 2.58 0.00	48.08 2.76 0.00	50.55 2.80 0.00	90.97 4.87 0.00	85.71 3.21 0.00	58.92 1.87 0.00	55.70 1.43 0.00	50.76 1.66 0.00	47.94 1.32 0.00	38.96 0.97 0.00
TEALLAVE_115KV_TB7 355573	29.83 -0.06 -1.68	19.97 -0.09 -0.09	24.68 -0.09 -1.04	21.57 -0.11 -0.23	25.01 -0.06 -1.11	23.61 -0.08 -0.57	27.84 -0.07 -1.76	30.97 -0.13 -1.78	24.34 -0.24 -0.37	22.51 -0.24 -0.11	24.97 -0.26 -0.31	24.75 -0.25 -0.24	30.10 -0.25 -0.63	39.23 -0.26 -1.90	40.64 -0.23 -2.18	48.07 -0.17 -2.92	51.08 -0.11 -3.43	93.61 0.11 -7.41	88.10 -0.22 -5.81	62.25 -0.20 -5.39	58.84 -0.30 -4.87	52.58 -0.36 -3.83	49.79 -0.43 -3.60	39.78 -0.38 -2.17
TELGRAPH_34_KV_EAST 80808	29.80 0.64 -0.95	20.31 0.28 -0.05	24.80 0.48 -0.59	21.88 0.30 -0.13	25.16 0.57 -0.63	23.83 0.39 -0.33	27.29 0.14 -1.00	29.99 -0.33 -1.01	23.71 -0.71 -0.21	22.39 -0.32 -0.06	24.86 -0.23 -0.18	24.53 -0.37 -0.13	29.85 -0.23 -0.36	38.41 -0.26 -1.08	39.49 -0.44 -1.23	46.94 -0.03 -1.65	49.74 0.04 -1.94	90.23 -0.06 -4.19	84.56 -1.24 -3.29	59.31 -0.80 -3.05	56.28 -0.75 -2.76	50.05 -1.22 -2.17	47.73 -0.93 -2.04	39.26 0.04 -1.23
TEMPLE___115KV_TB 2 55572	29.83 -0.06 -1.68	19.97 -0.09 -0.09	24.68 -0.09 -1.04	21.57 -0.11 -0.23	25.01 -0.06 -1.11	23.61 -0.08 -0.57	27.84 -0.07 -1.76	30.97 -0.12 -1.78	24.35 -0.23 -0.38	22.51 -0.24 -0.11	24.98 -0.25 -0.31	24.76 -0.25 -0.24	30.10 -0.25 -0.63	39.26 -0.24 -1.91	40.66 -0.22 -2.18	48.10 -0.15 -2.92	51.11 -0.08 -3.44	93.65 0.14 -7.42	88.13 -0.20 -5.82	62.27 -0.18 -5.40	58.85 -0.30 -4.88	52.58 -0.36 -3.84	49.80 -0.42 -3.61	39.79 -0.38 -2.18
TIANA____69_KV_BK 1 55817	29.79 1.07 -0.51	20.95 0.99 0.00	24.64 0.91 0.00	22.08 0.63 0.00	24.63 0.68 0.00	23.95 0.77 -0.07	27.13 0.98 0.00	30.36 1.05 0.00	25.52 1.32 0.00	24.05 1.40 0.00	26.74 1.82 0.00	26.67 1.90 0.00	31.92 2.20 0.00	40.45 2.86 0.00	41.95 3.26 0.00	48.60 3.28 0.00	51.00 3.25 0.00	91.04 4.95 0.00	85.46 2.95 0.00	58.74 1.68 0.00	55.69 1.42 0.00	50.28 1.18 0.00	47.18 0.56 0.00	38.64 0.64 0.00

TILDEN___115KV_TB1 80814	30.14 0.05 -1.88	20.06 -0.01 -0.11	24.89 0.00 -1.17	21.68 -0.03 -0.25	25.23 0.03 -1.24	23.78 0.02 -0.64	28.17 0.06 -1.97	31.32 0.02 -1.99	24.48 -0.14 -0.42	22.60 -0.16 -0.12	25.08 -0.18 -0.35	24.85 -0.18 -0.26	30.26 -0.16 -0.70	39.57 -0.15 -2.13	41.00 -0.12 -2.44	48.55 -0.03 -3.26	51.63 0.04 -3.83	94.78 0.42 -8.27	89.15 0.15 -6.49	63.14 0.07 -6.02	59.66 -0.06 -5.45	53.25 -0.13 -4.28	50.42 -0.22 -4.02	40.19 -0.23 -2.43
TRIGEN___CC 323695	29.76 1.04 -0.51	20.78 0.81 0.00	24.46 0.73 0.00	22.09 0.63 0.00	24.65 0.69 0.00	23.97 0.79 -0.07	27.12 0.97 0.00	30.38 1.07 0.00	25.45 1.25 0.00	23.96 1.32 0.00	26.60 1.68 0.00	26.64 1.87 0.00	31.92 2.19 0.00	40.37 2.78 0.00	41.68 2.99 0.00	48.30 2.98 0.00	50.74 2.99 0.00	90.92 4.83 0.00	85.43 2.92 0.00	58.82 1.77 0.00	55.73 1.46 0.00	50.60 1.50 0.00	47.81 1.19 0.00	39.09 1.10 0.00
TRINITY__115KV__4 BK 55933	27.97 0.10 0.34	20.12 0.15 0.00	23.88 0.16 0.00	21.71 0.26 0.00	24.11 0.15 0.00	23.23 0.17 0.05	26.32 0.17 0.00	29.61 0.31 0.00	24.52 0.32 0.00	22.89 0.25 0.00	25.12 0.20 0.00	24.98 0.22 0.00	29.79 0.06 0.00	37.65 0.06 0.00	38.82 0.13 0.00	45.40 0.08 0.00	47.79 0.03 0.00	85.95 -0.14 0.00	81.88 -0.63 0.00	56.61 -0.44 0.00	53.74 -0.53 0.00	48.74 -0.37 0.00	46.14 -0.47 0.00	37.61 -0.38 0.00
UNION___PROCESSING_DRP 323587	29.51 0.36 -0.94	20.16 0.14 -0.05	24.54 0.24 -0.58	21.71 0.13 -0.12	24.88 0.30 -0.62	23.67 0.24 -0.32	27.31 0.18 -0.98	30.28 -0.02 -1.00	24.12 -0.29 -0.21	22.61 -0.10 -0.06	25.07 -0.02 -0.17	24.86 -0.04 -0.13	30.17 0.10 -0.35	38.87 0.22 -1.06	40.15 0.24 -1.22	47.53 0.59 -1.63	50.36 0.69 -1.91	91.65 1.43 -4.13	86.37 0.62 -3.24	60.46 0.40 -3.00	57.29 0.30 -2.72	51.13 -0.11 -2.14	48.55 -0.08 -2.01	39.28 0.08 -1.21
UPPER HUDSON___HYD 24058	28.98 1.23 0.46	20.92 0.96 0.00	24.77 1.05 0.00	22.49 1.03 0.00	25.03 1.07 0.00	24.01 0.97 0.07	27.51 1.36 0.00	30.82 1.51 0.00	25.27 1.07 0.00	23.45 0.81 0.00	25.51 0.59 0.00	25.27 0.50 0.00	30.30 0.57 0.00	38.33 0.74 0.00	39.54 0.85 0.00	46.58 1.26 0.00	49.44 1.69 0.00	89.86 3.77 0.00	86.27 3.76 0.00	59.82 2.76 0.00	56.79 2.53 0.00	51.35 2.25 0.00	48.31 1.69 0.00	39.22 1.23 0.00
UPPER RAQUET___HYD 24056	29.07 0.49 -0.37	20.32 0.33 -0.02	24.41 0.45 -0.23	21.84 0.34 -0.05	24.59 0.38 -0.25	23.70 0.46 -0.13	26.95 0.41 -0.39	30.09 0.38 -0.40	24.36 0.08 -0.08	22.65 -0.02 -0.03	25.00 0.01 -0.07	24.79 -0.03 -0.05	29.90 0.04 -0.14	38.10 0.09 -0.42	39.15 -0.03 -0.48	45.69 -0.28 -0.65	48.48 -0.04 -0.77	88.53 0.79 -1.65	85.84 2.04 -1.29	59.91 1.65 -1.20	57.25 1.89 -1.09	51.44 1.49 -0.85	49.15 1.73 -0.80	39.89 1.42 -0.48
VALLEY44_115KV_TB2 355964	29.66 0.44 -1.00	20.11 0.09 -0.06	24.65 0.31 -0.62	21.64 0.06 -0.14	25.05 0.43 -0.66	23.69 0.24 -0.34	27.31 0.10 -1.05	30.25 -0.12 -1.07	23.94 -0.48 -0.22	22.66 -0.05 -0.07	25.20 0.10 -0.18	25.05 0.14 -0.14	30.40 0.31 -0.38	39.16 0.43 -1.14	39.90 -0.10 -1.30	46.97 -0.09 -1.74	49.55 -0.26 -2.05	89.91 -0.61 -4.42	83.47 -2.51 -3.47	58.58 -1.69 -3.22	55.61 -1.58 -2.91	49.91 -1.48 -2.29	47.66 -1.11 -2.15	38.71 -0.58 -1.30
VALLEY___115KV_TB 1-4 80826	28.62 0.41 0.00	20.29 0.32 0.00	24.11 0.39 0.00	21.85 0.40 0.00	24.38 0.42 0.00	23.56 0.45 0.00	26.74 0.59 0.00	29.99 0.68 0.00	24.49 0.28 0.00	22.78 0.13 0.00	24.86 -0.05 0.00	24.78 0.01 0.00	29.67 -0.06 0.00	37.52 -0.07 0.00	38.63 -0.06 0.00	45.23 -0.09 0.00	47.73 -0.03 0.00	86.81 0.72 0.00	83.12 0.60 0.00	57.73 0.68 0.00	54.74 0.47 0.00	49.67 0.57 0.00	46.93 0.32 0.00	38.16 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.84 1.01 -0.62	20.64 0.64 -0.04	24.91 0.81 -0.38	22.12 0.58 -0.08	25.20 0.83 -0.41	24.11 0.79 -0.21	27.70 0.91 -0.64	30.97 1.01 -0.65	25.10 0.76 -0.14	23.41 0.73 -0.04	25.88 0.85 -0.11	25.73 0.88 -0.09	31.01 1.05 -0.23	39.68 1.39 -0.70	40.89 1.40 -0.80	47.97 1.58 -1.07	50.68 1.67 -1.26	91.89 3.09 -2.71	86.86 2.22 -2.13	60.54 1.51 -1.97	57.35 1.30 -1.78	51.82 1.32 -1.40	49.18 1.24 -1.32	39.74 0.95 -0.80
VISCHER___FERRY HYD 24020	28.24 0.60 0.57	20.48 0.51 0.00	24.25 0.53 0.00	22.03 0.58 0.00	24.49 0.53 0.00	23.54 0.51 0.08	26.85 0.70 0.00	30.19 0.88 0.00	24.94 0.74 0.00	23.27 0.62 0.00	25.48 0.56 0.00	25.33 0.57 0.00	30.28 0.55 0.00	38.28 0.69 0.00	39.47 0.78 0.00	46.25 0.93 0.00	48.74 0.98 0.00	87.81 1.71 0.00	83.77 1.26 0.00	57.97 0.92 0.00	55.08 0.81 0.00	49.91 0.81 0.00	47.19 0.58 0.00	38.44 0.45 0.00
V_A_10_SYNC_DSASP 323832	29.28 0.16 -0.91	19.98 -0.03 -0.05	24.40 0.12 -0.56	21.55 -0.02 -0.12	24.78 0.23 -0.60	23.49 0.07 -0.31	26.87 -0.23 -0.95	29.56 -0.71 -0.96	23.45 -0.95 -0.20	22.23 -0.47 -0.06	24.71 -0.38 -0.17	24.43 -0.47 -0.13	29.67 -0.39 -0.34	38.17 -0.45 -1.03	39.20 -0.67 -1.18	46.49 -0.41 -1.58	49.11 -0.50 -1.85	88.96 -1.13 -4.00	83.10 -2.55 -3.14	58.15 -1.81 -2.91	55.23 -1.67 -2.63	49.25 -1.93 -2.07	47.08 -1.49 -1.95	38.45 -0.71 -1.17
V_CMM_10_SYNC_DSASP 323787	28.27 0.06 0.00	19.99 0.02 0.00	23.76 0.04 0.00	21.48 0.02 0.00	23.96 0.00 0.00	23.13 0.02 0.00	26.10 -0.05 0.00	29.21 -0.10 0.00	24.11 -0.09 0.00	22.58 -0.07 0.00	24.90 -0.02 0.00	24.71 -0.06 0.00	29.72 -0.01 0.00	37.52 -0.07 0.00	38.54 -0.15 0.00	45.37 0.05 0.00	47.75 -0.01 0.00	85.90 -0.19 0.00	83.29 0.78 0.00	57.74 0.69 0.00	55.22 0.95 0.00	49.73 0.62 0.00	47.37 0.75 0.00	38.67 0.68 0.00
V_CMP_10_SYNC_DSASP 323788	29.43 1.22 0.00	20.87 0.90 0.00	24.63 0.90 0.00	22.20 0.74 0.00	24.49 0.53 0.00	23.69 0.58 0.00	26.86 0.71 0.00	29.92 0.61 0.00	24.60 0.39 0.00	22.94 0.30 0.00	25.09 0.17 0.00	25.40 0.64 0.00	30.39 0.67 0.00	37.76 0.17 0.00	38.22 -0.47 0.00	45.19 -0.13 0.00	46.86 -0.90 0.00	84.42 -1.68 0.00	82.71 0.20 0.00	57.33 0.27 0.00	54.85 0.58 0.00	49.72 0.62 0.00	47.86 1.24 0.00	39.55 1.56 0.00
V_D_10_SYNC_DSASP 323841	28.47 0.26 0.00	20.13 0.16 0.00	23.94 0.21 0.00	21.62 0.17 0.00	24.13 0.17 0.00	23.32 0.20 0.00	26.27 0.12 0.00	29.39 0.08 0.00	24.18 -0.03 0.00	22.61 -0.03 0.00	24.96 0.04 0.00	24.74 -0.02 0.00	29.78 0.05 0.00	37.65 0.07 0.00	38.68 -0.01 0.00	44.96 -0.36 0.00	47.81 0.06 0.00	86.52 0.42 0.00	83.62 1.11 0.00	58.19 1.13 0.00	55.66 1.39 0.00	50.08 0.98 0.00	47.75 1.14 0.00	38.97 0.98 0.00
V_E_10_SYNC_DSASP 323830	31.14 1.73 -1.20	21.20 1.17 -0.07	25.88 1.41 -0.75	22.86 1.25 -0.16	26.34 1.59 -0.80	25.09 1.57 -0.41	29.39 1.98 -1.26	32.73 2.15 -1.27	25.77 1.30 -0.27	23.73 1.01 -0.08	26.20 1.06 -0.22	25.93 0.99 -0.17	31.45 1.27 -0.45	40.63 1.67 -1.36	41.72 1.48 -1.56	49.11 1.71 -2.09	52.33 2.12 -2.45	96.70 5.31 -5.30	92.26 5.60 -4.15	65.01 4.10 -3.85	61.58 3.83 -3.48	55.09 3.25 -2.74	52.01 2.82 -2.58	41.56 2.02 -1.55



V_F_30_NSYNC___DSASP 323816	28.89 1.14 0.46	20.84 0.87 0.00	24.69 0.97 0.00	22.40 0.95 0.00	24.95 0.99 0.00	23.99 0.95 0.07	27.38 1.23 0.00	30.73 1.42 0.00	25.27 1.06 0.00	23.50 0.86 0.00	25.68 0.76 0.00	25.49 0.72 0.00	30.54 0.82 0.00	38.63 1.04 0.00	39.85 1.15 0.00	46.81 1.49 0.00	49.51 1.75 0.00	89.72 3.63 0.00	85.86 3.35 0.00	59.43 2.38 0.00	56.42 2.15 0.00	51.04 1.94 0.00	48.18 1.57 0.00	39.18 1.19 0.00
V_F_30_SYNC_DSASP 323786	28.07 0.21 0.35	20.20 0.23 0.00	23.98 0.25 0.00	21.77 0.32 0.00	24.20 0.24 0.00	23.33 0.27 0.05	26.44 0.29 0.00	29.74 0.43 0.00	24.62 0.41 0.00	22.97 0.33 0.00	25.21 0.29 0.00	25.08 0.32 0.00	29.92 0.19 0.00	37.84 0.24 0.00	39.02 0.32 0.00	45.65 0.33 0.00	48.07 0.31 0.00	86.55 0.46 0.00	82.49 -0.02 0.00	56.98 -0.08 0.00	54.08 -0.19 0.00	49.02 -0.08 0.00	46.39 -0.23 0.00	37.81 -0.18 0.00
V_XM_10_SYNC_DSASP 323789	29.43 1.22 0.00	20.87 0.90 0.00	24.63 0.90 0.00	22.20 0.74 0.00	24.49 0.53 0.00	23.69 0.58 0.00	26.86 0.71 0.00	29.92 0.61 0.00	24.60 0.39 0.00	22.94 0.30 0.00	25.09 0.17 0.00	25.40 0.64 0.00	30.39 0.67 0.00	37.76 0.17 0.00	38.22 -0.47 0.00	45.19 -0.13 0.00	46.86 -0.90 0.00	84.42 -1.68 0.00	82.71 0.20 0.00	57.33 0.27 0.00	54.85 0.58 0.00	49.72 0.62 0.00	47.86 1.24 0.00	39.55 1.56 0.00
W.BABYLN_69_KV_BK1 56697	30.08 1.36 -0.51	21.02 1.06 0.00	24.73 1.01 0.00	22.27 0.82 0.00	24.85 0.89 0.00	24.18 1.00 -0.07	27.39 1.24 0.00	30.62 1.31 0.00	25.70 1.50 0.00	24.20 1.56 0.00	26.89 1.97 0.00	26.87 2.10 0.00	32.23 2.51 0.00	40.83 3.24 0.00	42.21 3.51 0.00	48.84 3.52 0.00	51.19 3.44 0.00	91.28 5.19 0.00	85.73 3.22 0.00	59.06 2.01 0.00	56.13 1.86 0.00	50.88 1.78 0.00	48.09 1.47 0.00	39.41 1.42 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.71 1.07 -0.42	20.72 0.75 0.00	24.50 0.78 0.00	22.13 0.68 0.00	24.74 0.78 0.00	24.03 0.85 -0.06	27.22 1.07 0.00	30.65 1.34 0.00	25.50 1.29 0.00	23.97 1.32 0.00	26.51 1.59 0.00	26.53 1.77 0.00	31.77 2.05 0.00	40.23 2.65 0.00	41.52 2.82 0.00	48.39 3.08 0.00	50.90 3.15 0.00	91.61 5.52 0.00	86.33 3.82 0.00	59.35 2.30 0.00	56.09 1.82 0.00	51.07 1.97 0.00	48.21 1.60 0.00	39.17 1.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.82 1.10 -0.51	20.80 0.83 0.00	24.53 0.81 0.00	22.22 0.77 0.00	24.78 0.82 0.00	24.09 0.91 -0.07	27.32 1.17 0.00	30.77 1.46 0.00	25.72 1.51 0.00	24.21 1.57 0.00	26.78 1.86 0.00	26.82 2.06 0.00	32.07 2.35 0.00	40.55 2.96 0.00	41.85 3.16 0.00	48.71 3.39 0.00	51.23 3.47 0.00	92.09 6.00 0.00	86.68 4.17 0.00	59.57 2.52 0.00	56.32 2.05 0.00	51.20 2.10 0.00	48.31 1.69 0.00	39.29 1.30 0.00
W50THST__13_KV_LOAD 356117	29.94 1.22 -0.51	20.88 0.92 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.20 1.02 -0.07	27.45 1.30 0.00	30.95 1.64 0.00	25.87 1.67 0.00	24.38 1.73 0.00	26.98 2.06 0.00	27.03 2.26 0.00	32.33 2.60 0.00	40.87 3.28 0.00	42.18 3.49 0.00	49.09 3.77 0.00	51.62 3.87 0.00	92.79 6.69 0.00	87.27 4.75 0.00	59.94 2.89 0.00	56.65 2.38 0.00	51.46 2.36 0.00	48.54 1.93 0.00	39.48 1.49 0.00
WADING RIVER_IC_1 23522	29.48 0.76 -0.51	20.74 0.78 0.00	24.38 0.65 0.00	21.83 0.37 0.00	24.35 0.39 0.00	23.68 0.50 -0.07	26.82 0.67 0.00	30.00 0.69 0.00	25.21 1.00 0.00	23.74 1.10 0.00	26.42 1.50 0.00	26.33 1.57 0.00	31.54 1.82 0.00	39.95 2.36 0.00	41.42 2.73 0.00	47.93 2.60 0.00	50.24 2.48 0.00	89.62 3.53 0.00	84.18 1.67 0.00	57.89 0.84 0.00	54.97 0.70 0.00	49.72 0.62 0.00	46.80 0.19 0.00	38.41 0.41 0.00
WADING RIVER_IC_2 23547	29.48 0.76 -0.51	20.74 0.78 0.00	24.38 0.65 0.00	21.83 0.37 0.00	24.35 0.39 0.00	23.68 0.50 -0.07	26.82 0.67 0.00	30.00 0.69 0.00	25.21 1.00 0.00	23.74 1.10 0.00	26.42 1.50 0.00	26.33 1.57 0.00	31.54 1.82 0.00	39.95 2.36 0.00	41.42 2.73 0.00	47.93 2.60 0.00	50.24 2.48 0.00	89.62 3.53 0.00	84.18 1.67 0.00	57.89 0.84 0.00	54.97 0.70 0.00	49.72 0.62 0.00	46.80 0.19 0.00	38.41 0.41 0.00
WADING RIVER_IC_3 23601	29.48 0.76 -0.51	20.74 0.78 0.00	24.38 0.65 0.00	21.83 0.37 0.00	24.35 0.39 0.00	23.68 0.50 -0.07	26.82 0.67 0.00	30.00 0.69 0.00	25.21 1.00 0.00	23.74 1.10 0.00	26.42 1.50 0.00	26.33 1.57 0.00	31.54 1.82 0.00	39.95 2.36 0.00	41.42 2.73 0.00	47.93 2.60 0.00	50.24 2.48 0.00	89.62 3.53 0.00	84.18 1.67 0.00	57.89 0.84 0.00	54.97 0.70 0.00	49.72 0.62 0.00	46.80 0.19 0.00	38.41 0.41 0.00
WALDENNY_12_KV_BK2 80841	29.76 0.57 -0.98	20.24 0.22 -0.05	24.76 0.44 -0.61	21.80 0.22 -0.13	25.14 0.54 -0.64	23.79 0.34 -0.33	27.27 0.09 -1.02	29.95 -0.39 -1.04	23.67 -0.75 -0.22	22.45 -0.26 -0.06	24.98 -0.12 -0.18	24.68 -0.23 -0.14	30.03 -0.06 -0.36	38.66 -0.03 -1.11	39.69 -0.27 -1.27	47.13 0.11 -1.70	49.78 0.03 -2.00	90.34 -0.06 -4.31	84.28 -1.61 -3.38	59.03 -1.16 -3.13	56.01 -1.09 -2.84	49.80 -1.53 -2.23	47.55 -1.17 -2.10	38.93 -0.33 -1.26
WALDEN___HYDRO 24148	29.47 0.86 -0.39	20.58 0.61 0.00	24.35 0.63 0.00	22.00 0.55 0.00	24.60 0.64 0.00	23.89 0.72 -0.06	27.05 0.90 0.00	30.43 1.12 0.00	25.28 1.08 0.00	23.72 1.08 0.00	26.20 1.28 0.00	26.19 1.42 0.00	31.34 1.62 0.00	39.66 2.07 0.00	40.92 2.23 0.00	47.74 2.42 0.00	50.29 2.53 0.00	90.60 4.50 0.00	85.62 3.11 0.00	58.95 1.90 0.00	55.76 1.49 0.00	50.70 1.60 0.00	47.90 1.28 0.00	38.92 0.93 0.00
WARRENSBURG____ 23737	28.98 1.23 0.46	20.92 0.96 0.00	24.78 1.05 0.00	22.49 1.03 0.00	25.03 1.07 0.00	24.01 0.97 0.07	27.51 1.36 0.00	30.82 1.51 0.00	25.27 1.07 0.00	23.45 0.81 0.00	25.51 0.59 0.00	25.27 0.50 0.00	30.30 0.57 0.00	38.33 0.74 0.00	39.54 0.85 0.00	46.58 1.26 0.00	49.45 1.69 0.00	89.87 3.77 0.00	86.27 3.76 0.00	59.82 2.76 0.00	56.79 2.53 0.00	51.35 2.24 0.00	48.31 1.69 0.00	39.22 1.23 0.00
WATERSIDE___6 8 9 23538	29.85 1.13 -0.51	20.84 0.87 0.00	24.55 0.83 0.00	22.26 0.81 0.00	24.79 0.84 0.00	24.13 0.95 -0.07	27.34 1.19 0.00	30.80 1.49 0.00	25.75 1.54 0.00	24.23 1.58 0.00	26.78 1.87 0.00	26.83 2.06 0.00	32.05 2.33 0.00	40.53 2.94 0.00	41.82 3.12 0.00	48.63 3.31 0.00	51.17 3.42 0.00	92.00 5.91 0.00	86.60 4.09 0.00	59.51 2.46 0.00	56.26 1.99 0.00	51.15 2.05 0.00	48.29 1.67 0.00	39.30 1.31 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.49 0.27 0.00	20.18 0.21 0.00	23.99 0.26 0.00	21.73 0.28 0.00	24.24 0.28 0.00	23.41 0.30 0.00	26.55 0.40 0.00	29.77 0.47 0.00	24.40 0.20 0.00	22.74 0.09 0.00	24.87 -0.04 0.00	24.77 0.00 0.00	29.66 -0.06 0.00	37.52 -0.07 0.00	38.63 -0.06 0.00	45.22 -0.10 0.00	47.69 -0.07 0.00	86.53 0.44 0.00	82.85 0.34 0.00	57.45 0.39 0.00	54.51 0.24 0.00	49.42 0.32 0.00	46.76 0.14 0.00	38.04 0.05 0.00

WDELAWARE___HYD 323627	28.80 0.29 -0.29	20.17 0.21 0.00	23.86 0.14 0.00	21.59 0.13 0.00	24.12 0.16 0.00	23.39 0.24 -0.05	26.54 0.39 0.00	29.87 0.56 0.00	24.80 0.59 0.00	23.17 0.53 0.00	25.55 0.63 0.00	25.51 0.74 0.00	30.51 0.78 0.00	38.60 1.01 0.00	39.86 1.16 0.00	46.57 1.25 0.00	46.39 1.41 2.77	88.44 2.71 0.36	84.21 1.70 0.00	58.07 1.02 0.00	54.97 0.70 0.00	49.87 0.76 0.00	47.06 0.44 0.00	38.22 0.23 0.00
WEST BABYLON___IC 23714	30.08 1.36 -0.51	21.02 1.06 0.00	24.73 1.01 0.00	22.27 0.82 0.00	24.85 0.89 0.00	24.18 1.00 -0.07	27.39 1.24 0.00	30.62 1.31 0.00	25.70 1.50 0.00	24.20 1.56 0.00	26.89 1.97 0.00	26.87 2.10 0.00	32.23 2.51 0.00	40.83 3.24 0.00	42.21 3.51 0.00	48.84 3.52 0.00	51.19 3.44 0.00	91.28 5.19 0.00	85.73 3.22 0.00	59.06 2.01 0.00	56.13 1.86 0.00	50.88 1.78 0.00	48.09 1.47 0.00	39.41 1.42 0.00
WEST CANADA___HYD 24049	28.30 0.09 0.00	20.04 0.08 0.00	23.81 0.09 0.00	21.54 0.09 0.00	24.06 0.10 0.00	23.21 0.09 0.00	26.28 0.13 0.00	29.46 0.15 0.00	24.32 0.11 0.00	22.73 0.08 0.00	24.99 0.07 0.00	24.85 0.08 0.00	29.79 0.06 0.00	37.69 0.10 0.00	38.81 0.11 0.00	45.42 0.10 0.00	47.86 0.10 0.00	86.33 0.24 0.00	82.53 0.02 0.00	57.05 0.00 0.00	54.20 -0.07 0.00	49.09 -0.01 0.00	46.59 -0.02 0.00	37.95 -0.04 0.00
WESTERN_NY_WIND 24143	30.28 1.12 -0.95	20.63 0.61 -0.05	25.18 0.86 -0.59	22.23 0.64 -0.13	25.55 0.96 -0.63	24.24 0.80 -0.33	27.83 0.68 -1.00	30.67 0.35 -1.01	24.23 -0.19 -0.21	22.73 0.03 -0.06	25.16 0.07 -0.18	24.87 -0.03 -0.13	30.29 0.21 -0.35	39.38 0.72 -1.07	40.27 0.35 -1.23	47.81 0.84 -1.65	50.50 0.80 -1.94	92.19 1.91 -4.18	86.82 1.03 -3.28	61.02 0.92 -3.04	57.85 0.82 -2.75	51.42 0.15 -2.17	48.93 0.28 -2.04	40.07 0.85 -1.23
WESTOVER___LESR 323668	29.69 0.29 -1.20	20.14 0.10 -0.07	24.68 0.22 -0.74	21.70 0.08 -0.16	25.02 0.27 -0.79	23.66 0.14 -0.41	27.61 0.21 -1.25	30.77 0.20 -1.27	24.48 0.01 -0.27	22.75 0.03 -0.08	25.22 0.08 -0.22	25.03 0.09 -0.17	30.34 0.17 -0.45	39.21 0.26 -1.36	40.43 0.19 -1.55	47.64 0.24 -2.08	50.39 0.19 -2.44	91.92 0.55 -5.27	86.50 -0.15 -4.14	60.88 -0.01 -3.84	57.67 -0.07 -3.47	51.86 0.03 -2.73	49.09 -0.09 -2.57	39.42 -0.12 -1.55
WETHRSFD_WT_PWR 323626	29.68 0.40 -1.07	20.15 0.12 -0.06	24.70 0.32 -0.66	21.71 0.11 -0.14	25.07 0.41 -0.70	23.66 0.19 -0.36	27.28 0.01 -1.12	30.05 -0.39 -1.13	23.61 -0.83 -0.24	22.15 -0.57 -0.07	24.60 -0.51 -0.20	24.28 -0.64 -0.15	29.53 -0.59 -0.40	38.08 -0.71 -1.21	39.14 -0.93 -1.38	46.43 -0.74 -1.85	48.95 -0.98 -2.17	89.35 -1.43 -4.69	84.16 -2.03 -3.68	59.08 -1.39 -3.41	55.94 -1.41 -3.09	49.85 -1.68 -2.43	47.43 -1.46 -2.28	38.61 -0.76 -1.38
WHAVSTOR_138KV_BK127 55557	29.54 0.90 -0.43	20.61 0.64 0.00	24.36 0.64 0.00	22.02 0.57 0.00	24.60 0.64 0.00	23.89 0.72 -0.06	27.06 0.91 0.00	30.46 1.15 0.00	25.34 1.14 0.00	23.82 1.18 0.00	26.34 1.42 0.00	26.36 1.60 0.00	31.56 1.83 0.00	39.94 2.35 0.00	41.20 2.51 0.00	48.00 2.68 0.00	50.47 2.72 0.00	90.80 4.70 0.00	85.59 3.08 0.00	58.86 1.80 0.00	55.66 1.40 0.00	50.69 1.59 0.00	47.89 1.27 0.00	38.92 0.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.54 0.90 -0.43	20.61 0.64 0.00	24.36 0.64 0.00	22.02 0.57 0.00	24.60 0.64 0.00	23.89 0.72 -0.06	27.06 0.91 0.00	30.46 1.15 0.00	25.34 1.14 0.00	23.82 1.18 0.00	26.34 1.42 0.00	26.36 1.60 0.00	31.56 1.83 0.00	39.94 2.35 0.00	41.20 2.51 0.00	48.00 2.68 0.00	50.47 2.72 0.00	90.80 4.70 0.00	85.59 3.08 0.00	58.86 1.80 0.00	55.66 1.40 0.00	50.69 1.59 0.00	47.89 1.27 0.00	38.92 0.93 0.00
WHITEHAL_115KV_TB1 80871	29.76 2.02 0.47	21.57 1.60 0.00	25.53 1.81 0.00	23.21 1.76 0.00	25.77 1.81 0.00	24.49 1.45 0.07	28.44 2.29 0.00	31.89 2.58 0.00	26.05 1.85 0.00	24.20 1.55 0.00	26.14 1.22 0.00	25.78 1.01 0.00	30.93 1.21 0.00	39.02 1.43 0.00	40.15 1.46 0.00	47.40 2.08 0.00	50.40 2.64 0.00	91.31 5.22 0.00	88.01 5.50 0.00	61.46 4.40 0.00	58.59 4.32 0.00	53.12 4.02 0.00	49.40 2.79 0.00	40.11 2.11 0.00
WHITEPLN_13_KV_LOAD 356215	30.03 1.31 -0.51	20.93 0.96 0.00	24.70 0.98 0.00	22.35 0.89 0.00	24.91 0.95 0.00	24.21 1.03 -0.07	27.44 1.29 0.00	30.92 1.61 0.00	25.80 1.60 0.00	24.27 1.63 0.00	26.84 1.92 0.00	26.86 2.10 0.00	32.14 2.42 0.00	40.68 3.09 0.00	41.99 3.30 0.00	48.95 3.63 0.00	51.49 3.74 0.00	92.64 6.55 0.00	87.24 4.73 0.00	60.00 2.95 0.00	56.74 2.47 0.00	51.53 2.43 0.00	48.61 2.00 0.00	39.51 1.52 0.00
WM_FLOYD_69_KV_BK2 356380	29.71 0.98 -0.51	20.87 0.90 0.00	24.52 0.80 0.00	21.99 0.54 0.00	24.54 0.58 0.00	23.87 0.69 -0.07	27.04 0.88 0.00	30.24 0.93 0.00	25.40 1.20 0.00	23.93 1.28 0.00	26.62 1.70 0.00	26.50 1.73 0.00	31.73 2.01 0.00	40.22 2.63 0.00	41.70 3.01 0.00	48.27 2.95 0.00	50.62 2.87 0.00	90.34 4.25 0.00	84.90 2.39 0.00	58.40 1.35 0.00	55.44 1.17 0.00	50.17 1.07 0.00	47.23 0.62 0.00	38.75 0.76 0.00
WOODARD___115KV_TB2 355635	30.11 -0.12 -2.02	19.95 -0.13 -0.11	24.85 -0.13 -1.25	21.58 -0.14 -0.27	25.19 -0.10 -1.33	23.69 -0.11 -0.69	28.15 -0.11 -2.11	31.29 -0.16 -2.14	24.40 -0.25 -0.45	22.51 -0.26 -0.13	25.00 -0.29 -0.37	24.76 -0.29 -0.28	30.17 -0.31 -0.75	39.55 -0.32 -2.28	41.01 -0.30 -2.62	48.57 -0.25 -3.51	51.67 -0.20 -4.12	94.92 -0.06 -8.89	89.13 -0.36 -6.97	63.23 -0.29 -6.47	59.73 -0.39 -5.85	53.29 -0.41 -4.60	50.46 -0.48 -4.33	40.18 -0.42 -2.61
WOODMERE_69_KV_BK1 55827	30.28 1.56 -0.51	21.13 1.17 0.00	24.79 1.06 0.00	22.38 0.92 0.00	24.98 1.02 0.00	24.30 1.12 -0.07	27.50 1.35 0.00	30.80 1.49 0.00	25.80 1.60 0.00	24.30 1.66 0.00	27.00 2.08 0.00	27.07 2.30 0.00	32.57 2.85 0.00	40.99 3.40 0.00	42.26 3.57 0.00	49.06 3.74 0.00	51.54 3.78 0.00	92.40 6.31 0.00	86.63 4.12 0.00	59.59 2.54 0.00	56.56 2.29 0.00	51.34 2.24 0.00	48.53 1.91 0.00	39.60 1.61 0.00
YORK___WARBASSE 23770	30.04 1.32 -0.51	20.95 0.99 0.00	24.62 0.90 0.00	22.31 0.86 0.00	24.87 0.91 0.00	24.22 1.04 -0.07	27.45 1.30 0.00	30.93 1.62 0.00	25.83 1.62 0.00	24.28 1.64 0.00	26.85 1.93 0.00	26.89 2.12 0.00	32.15 2.42 0.00	40.67 3.08 0.00	41.96 3.26 0.00	48.77 3.45 0.00	51.34 3.59 0.00	92.37 6.28 0.00	86.92 4.41 0.00	59.73 2.68 0.00	56.47 2.20 0.00	51.38 2.28 0.00	48.53 1.92 0.00	39.51 1.51 0.00