

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/12/2025

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	29.21	27.13	25.38	23.96	23.62	28.56	35.54	36.64	31.98	26.79	26.87	26.79	27.15	29.83	32.32	34.81	41.16	50.24	50.49	48.60	43.88	36.96	32.78	31.08
24138	1.44	1.27	1.30	1.14	1.17	1.39	1.88	2.11	1.86	1.78	1.94	1.98	2.03	2.24	2.61	2.77	3.30	3.53	3.36	2.96	2.91	2.39	2.03	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.22	0.00	0.00	0.00	-0.22	-0.38	0.22	-0.74	-0.83	-0.45	-0.11	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.21	27.13	25.38	23.96	23.59	28.50	35.48	36.57	31.92	26.74	26.82	26.74	27.12	29.78	32.26	34.75	41.08	50.15	50.44	48.51	43.79	36.92	32.75	31.08
24260	1.44	1.27	1.30	1.14	1.14	1.33	1.82	2.04	1.81	1.73	1.89	1.94	2.01	2.19	2.55	2.71	3.23	3.44	3.31	2.87	2.83	2.35	2.00	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.22	0.00	0.00	0.00	-0.22	-0.38	0.22	-0.74	-0.83	-0.45	-0.11	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.21	27.13	25.38	23.96	23.59	28.50	35.48	36.57	31.92	26.74	26.82	26.74	27.12	29.78	32.26	34.75	41.08	50.15	50.44	48.51	43.79	36.92	32.75	31.08
24261	1.44	1.27	1.30	1.14	1.14	1.33	1.82	2.04	1.81	1.73	1.89	1.94	2.01	2.19	2.55	2.71	3.23	3.44	3.31	2.87	2.83	2.35	2.00	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.22	0.00	0.00	0.00	-0.22	-0.38	0.22	-0.74	-0.83	-0.45	-0.11	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.85	27.83	25.93	24.62	24.20	29.35	36.05	37.12	30.68	25.51	25.65	25.40	25.61	27.71	29.75	32.01	38.04	48.21	49.95	49.19	44.37	37.27	33.09	31.52
24011	2.08	1.97	1.85	1.80	1.75	2.17	2.39	2.59	1.63	0.97	0.72	0.60	0.50	0.57	0.82	1.10	1.71	3.21	3.73	3.78	3.40	2.70	2.34	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.23	0.00	0.00	0.00	0.23	0.40	1.35	0.78	0.87	0.47	0.11	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.96	27.93	26.05	24.71	24.31	29.48	36.18	37.26	30.77	25.54	25.67	25.45	25.59	27.74	29.79	32.07	38.19	48.49	50.32	49.56	44.69	37.51	33.30	31.58
23798	2.19	2.07	1.97	1.89	1.86	2.31	2.53	2.73	1.72	0.99	0.75	0.64	0.48	0.60	0.85	1.16	1.85	3.48	4.11	4.14	3.73	2.94	2.55	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.23	0.00	0.00	0.00	0.23	0.39	1.35	0.77	0.86	0.46	0.11	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.85	27.83	25.93	24.62	24.20	29.35	36.05	37.12	30.68	25.51	25.65	25.40	25.61	27.71	29.75	32.01	38.04	48.21	49.95	49.19	44.37	37.27	33.09	31.52
24028	2.08	1.97	1.85	1.80	1.75	2.17	2.39	2.59	1.63	0.97	0.72	0.60	0.50	0.57	0.82	1.10	1.71	3.21	3.73	3.78	3.40	2.70	2.34	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.23	0.00	0.00	0.00	0.23	0.40	1.35	0.78	0.87	0.47	0.11	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.07	27.08	25.11	23.84	23.44	28.29	35.07	36.05	29.63	25.31	25.89	25.70	25.97	27.83	29.67	31.59	37.22	46.29	47.93	47.34	43.01	36.33	32.26	30.41
23527	1.31	1.22	1.03	1.03	0.99	1.11	1.41	1.52	1.19	1.02	0.97	0.89	0.85	0.96	1.17	1.23	1.74	2.25	2.24	2.05	2.05	1.76	1.51	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.49	0.00	0.00	0.00	0.49	0.84	1.89	1.64	1.83	0.99	0.24	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.07	26.12	24.34	23.07	22.67	27.39	33.86	34.81	29.34	24.75	25.00	24.86	25.16	27.26	29.21	31.18	36.73	45.56	46.64	45.68	41.25	34.85	30.91	29.56
24190	0.31	0.26	0.26	0.25	0.22	0.22	0.20	0.28	0.12	0.12	0.07	0.05	0.05	0.05	0.15	0.10	0.15	0.28	0.28	0.23	0.29	0.28	0.15	0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.16	0.00	0.00	0.00	0.16	0.27	1.17	0.53	0.59	0.32	0.08	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	20.97	18.61	17.49	16.17	14.37	18.19	24.86	24.57	22.35	23.68	23.81	23.24	22.75	25.76	28.00	31.11	37.06	45.37	41.95	40.58	30.73	26.96	23.36	21.84
355683	-0.08	-0.08	-0.05	-0.05	-0.02	-0.05	-0.07	-0.10	0.06	0.07	0.05	0.05	0.00	-0.03	0.00	-0.10	-0.04	-0.05	-0.09	-0.05	-0.29	-0.14	-0.12	-0.09
	6.71	7.18	6.54	6.60	8.05	8.93	8.73	9.86	7.31	1.18	1.16	1.62	2.36	1.58	1.33	1.05	0.01	0.46	4.63	4.91	9.95	7.48	7.27	7.36
ALBANY_1_SOLAR	28.54	26.59	24.78	23.48	23.08	27.88	34.40	35.26	29.71	24.83	25.00	24.83	25.09	27.32	29.36	31.44	37.21	46.45	47.68	46.71	42.11	35.54	31.61	30.03
323833	0.78	0.72	0.70	0.66	0.63	0.71	0.74	0.73	0.36	0.15	0.07	0.02	-0.03	0.05	0.21	0.23	0.45	0.96	1.21	1.23	1.15	0.97	0.86	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.10	0.00	0.00	0.00	0.10	0.18	1.04	0.34	0.38	0.21	0.05	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	28.52	26.59	24.78	23.48	23.08	27.88	34.40	35.26	29.71	24.83	25.00	24.83	25.09	27.32	29.36	31.44	37.21	46.45	47.68	46.71	42.11	35.54	31.58	30.03
323834	0.75	0.72	0.70	0.66	0.63	0.71	0.74	0.73	0.36	0.15	0.07	0.02	-0.03	0.05	0.21	0.23	0.45	0.96	1.21	1.23	1.15	0.97	0.83	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.10	0.00	0.00	0.00	0.10	0.18	1.04	0.34	0.38	0.21	0.05	0.00	0.00	0.00	0.00
ALBANY___1	28.07	26.12	24.34	23.07	22.67	27.39	33.86	34.81	29.34	24.75	25.00	24.86	25.16	27.26	29.21	31.18	36.73	45.56	46.64	45.68	41.25	34.85	30.91	29.56
23571	0.31	0.26	0.26	0.25	0.22	0.22	0.20	0.28	0.12	0.12	0.07	0.05	0.05	0.05	0.15	0.10	0.15	0.28	0.28	0.23	0.29	0.28	0.15	0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.16	0.00	0.00	0.00	0.16	0.27	1.17	0.53	0.59	0.32	0.08	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.07 0.31 0.00	26.12 0.26 0.00	24.34 0.26 0.00	23.07 0.25 0.00	22.67 0.22 0.00	27.39 0.22 0.00	33.86 0.20 0.00	34.81 0.28 0.00	29.34 0.12 0.37	24.75 0.12 0.16	25.00 0.07 0.00	24.86 0.05 0.00	25.16 0.05 0.00	27.26 0.05 0.16	29.21 0.15 0.27	31.18 0.10 0.17	36.73 0.15 0.53	45.56 0.28 0.59	46.64 0.28 0.32	45.68 0.23 0.08	41.25 0.29 0.00	34.85 0.28 0.00	30.91 0.15 0.00	29.56 0.26 0.00
ALBANY___3 23573	28.07 0.31 0.00	26.12 0.26 0.00	24.34 0.26 0.00	23.07 0.25 0.00	22.67 0.22 0.00	27.39 0.22 0.00	33.86 0.20 0.00	34.81 0.28 0.00	29.34 0.12 0.37	24.75 0.12 0.16	25.00 0.07 0.00	24.86 0.05 0.00	25.16 0.05 0.00	27.26 0.05 0.16	29.21 0.15 0.27	31.18 0.10 0.17	36.73 0.15 0.53	45.56 0.28 0.59	46.64 0.28 0.32	45.68 0.23 0.08	41.25 0.29 0.00	34.85 0.28 0.00	30.91 0.15 0.00	29.56 0.26 0.00
ALBANY___4 23574	28.07 0.31 0.00	26.12 0.26 0.00	24.34 0.26 0.00	23.07 0.25 0.00	22.67 0.22 0.00	27.39 0.22 0.00	33.86 0.20 0.00	34.81 0.28 0.00	29.34 0.12 0.37	24.75 0.12 0.16	25.00 0.07 0.00	24.86 0.05 0.00	25.16 0.05 0.00	27.26 0.05 0.16	29.21 0.15 0.27	31.18 0.10 0.17	36.73 0.15 0.53	45.56 0.28 0.59	46.64 0.28 0.32	45.68 0.23 0.08	41.25 0.29 0.00	34.85 0.28 0.00	30.91 0.15 0.00	29.56 0.26 0.00
ALBANY___LFGE 323615	28.24 0.47 0.00	26.30 0.44 0.00	24.51 0.43 0.00	23.23 0.41 0.00	22.83 0.38 0.00	27.58 0.41 0.00	34.09 0.44 0.00	35.05 0.52 0.00	29.48 0.30 0.41	24.83 0.22 0.17	25.15 0.22 0.00	24.98 0.17 0.00	25.24 0.13 0.00	27.38 0.19 0.17	29.36 0.32 0.30	31.40 0.36 0.121	36.97 0.45 0.58	45.95 0.73 0.65	47.12 0.79 0.35	46.13 0.68 0.09	41.71 0.74 0.00	35.19 0.62 0.00	31.28 0.52 0.00	29.68 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	93.51 0.08 -65.66	96.17 0.08 -70.23	88.13 0.10 -63.95	87.45 0.09 -64.54	101.38 0.11 -78.81	114.67 0.08 -87.42	119.22 0.10 -85.46	131.16 0.10 -96.52	101.35 0.24 -71.52	36.49 0.20 -11.51	36.48 0.17 -11.38	40.87 0.17 -15.88	48.37 0.13 -23.14	42.91 0.08 -15.46	42.44 0.12 -12.99	42.60 0.03 -10.31	37.30 0.07 -0.12	50.46 0.09 -4.49	92.10 0.14 -45.28	93.66 0.18 -47.95	138.12 -0.08 -97.23	107.66 0.03 -73.05	101.90 0.06 -71.09	101.35 0.09 -71.97
ALCOA_RYNLDS___DRP 24188	93.51 0.08 -65.66	96.17 0.08 -70.23	88.13 0.10 -63.95	87.45 0.09 -64.54	101.38 0.11 -78.81	114.67 0.08 -87.42	119.22 0.10 -85.46	131.16 0.10 -96.52	101.35 0.24 -71.52	36.49 0.20 -11.51	36.48 0.17 -11.38	40.87 0.17 -15.88	48.37 0.13 -23.14	42.91 0.08 -15.46	42.44 0.12 -12.99	42.60 0.03 -10.31	37.30 0.07 -0.12	50.46 0.09 -4.49	92.10 0.14 -45.28	93.66 0.18 -47.95	138.12 -0.08 -97.23	107.66 0.03 -73.05	101.90 0.06 -71.09	101.35 0.09 -71.97
ALCOA___DSASP 323711	93.51 0.08 -65.66	96.18 0.08 -70.23	88.10 0.07 -63.95	87.45 0.09 -64.54	101.35 0.09 -78.81	114.67 0.08 -87.42	119.22 0.10 -85.46	131.13 0.07 -96.52	101.32 0.21 -71.52	36.49 0.20 -11.51	36.48 0.18 -11.38	40.84 0.15 -15.88	48.37 0.13 -23.14	42.85 0.03 -15.46	42.49 0.18 -12.99	42.66 0.10 -10.31	37.26 0.04 -0.12	50.46 0.09 -4.49	92.10 0.14 -45.28	93.66 0.18 -47.95	138.12 -0.08 -97.23	107.66 0.03 -73.05	101.90 0.06 -71.09	101.32 0.06 -71.97
ALLEGHENY___COGEN 23514	29.21 1.44 0.00	27.31 1.45 0.00	25.28 1.20 0.00	24.02 1.21 0.00	23.59 1.14 0.00	28.86 1.69 0.00	35.54 1.88 0.00	36.16 1.62 0.00	30.51 0.92 0.00	25.05 0.27 0.00	25.02 0.10 0.00	24.91 0.10 0.00	25.34 0.23 0.00	27.72 0.35 0.00	29.62 0.29 0.00	31.99 0.36 0.62	37.96 0.85 0.00	47.43 1.56 0.00	48.78 2.10 0.00	47.94 2.41 0.00	43.47 2.50 0.00	36.37 1.80 0.00	32.54 1.78 0.00	31.08 1.79 0.00
ALTAMONT_115KV_TB 2 55880	28.35 0.58 0.00	26.38 0.52 0.00	24.56 0.48 0.00	23.30 0.48 0.00	22.90 0.45 0.00	27.69 0.52 0.00	34.26 0.61 0.00	35.19 0.66 0.00	29.83 0.47 0.24	25.08 0.40 0.10	25.32 0.40 0.00	25.18 0.37 0.00	25.49 0.38 0.00	27.67 0.41 0.10	29.68 0.53 0.17	31.72 0.52 1.05	37.44 0.67 0.34	46.41 0.92 0.38	47.41 0.93 0.20	46.30 0.82 0.05	41.83 0.86 0.00	35.30 0.73 0.00	31.37 0.62 0.00	29.91 0.62 0.00
ALTONA_WT_PWR 323606	31.78 0.44 -3.57	30.04 0.36 -3.82	27.94 0.38 -3.48	26.74 0.41 -3.51	27.18 0.45 -4.28	32.50 0.57 -4.75	39.01 0.71 -4.64	40.58 0.79 -5.25	34.43 0.95 -3.89	26.30 0.89 -0.63	26.12 0.57 -0.62	26.24 0.57 -0.86	26.90 0.53 -1.26	28.67 0.46 -0.84	30.68 0.64 -0.71	33.46 0.64 -0.56	37.93 0.82 -0.01	47.17 1.06 -0.24	50.12 0.98 -2.46	49.09 0.96 -2.60	46.69 0.45 -5.27	39.40 0.86 -3.96	35.35 0.74 -3.85	33.87 0.67 -3.90
AMERICAN_REF_FUEL 24010	27.57 -0.19 0.00	25.92 0.05 0.00	24.03 -0.05 0.00	22.88 0.07 0.00	22.52 0.07 0.00	27.15 -0.03 0.00	32.92 -0.74 0.00	33.15 -1.38 0.00	28.29 -1.30 0.00	23.67 -1.11 0.00	23.88 -1.05 0.00	23.89 -0.92 0.00	24.31 -0.80 0.00	26.46 -0.90 0.00	28.25 -1.08 0.00	29.94 -1.58 0.74	35.40 -1.71 0.00	43.40 -2.48 0.00	44.20 -2.48 0.00	43.30 -2.23 0.00	39.37 -1.60 0.00	33.12 -1.45 0.00	29.89 -0.86 0.00	29.47 0.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.13 0.36 0.00	26.33 0.47 0.00	24.44 0.36 0.00	23.25 0.43 0.00	22.92 0.47 0.00	28.07 0.90 0.00	34.33 0.67 0.00	34.81 0.27 0.00	29.68 0.09 0.00	24.78 0.00 0.00	25.02 0.10 0.00	25.06 0.25 0.00	25.49 0.38 0.00	27.75 0.38 0.00	29.65 0.32 0.00	31.46 0.00 0.80	37.18 0.07 0.00	45.69 -0.18 0.00	46.59 -0.09 0.00	45.53 0.00 0.00	41.21 0.25 0.00	34.60 0.03 0.00	31.15 0.40 0.00	30.18 0.88 0.00
ARTHUR KILL_GT_1 23520	29.46 1.69 0.00	27.34 1.47 0.00	25.55 1.47 0.00	24.09 1.28 0.00	23.73 1.28 0.00	28.53 1.36 0.00	35.37 1.72 0.00	36.40 1.86 0.00	31.69 1.57 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.97 1.86 0.00	29.64 2.05 -0.22	32.15 2.43 -0.38	34.68 2.65 0.22	41.19 3.34 -0.74	50.24 3.53 -0.83	50.44 3.31 -0.45	48.51 2.87 -0.11	43.75 2.79 0.00	36.85 2.28 0.00	32.88 2.12 0.00	31.29 1.99 0.00
ARTHUR_KILL_2 23512	29.32 1.55 0.00	27.18 1.32 0.00	25.43 1.35 0.00	23.98 1.16 0.00	23.62 1.17 0.00	28.37 1.19 0.00	35.17 1.52 0.00	36.19 1.66 0.00	31.51 1.39 -0.52	26.41 1.41 -0.22	26.52 1.60 0.00	26.50 1.69 0.00	26.84 1.73 0.00	29.53 1.94 -0.22	32.03 2.32 -0.38	34.59 2.55 0.22	41.12 3.27 -0.74	50.05 3.35 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.63 2.66 0.00	36.75 2.18 0.00	32.75 2.00 0.00	30.88 1.58 0.00
ARTHUR_KILL_3 23513	28.82 1.05 0.00	26.77 0.90 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.21 1.03 0.00	35.07 1.41 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.44 1.44 -0.22	26.57 1.64 0.00	26.55 1.74 0.00	26.82 1.71 0.00	29.47 1.89 -0.22	31.97 2.26 -0.38	34.46 2.42 0.22	40.79 2.93 -0.74	49.65 2.94 -0.83	49.93 2.80 -0.45	48.05 2.41 -0.11	43.38 2.42 0.00	36.61 2.04 0.00	32.44 1.69 0.00	30.47 1.17 0.00

ARTHUR_KILL_COGEN 323718	29.41 1.64 0.00	27.26 1.40 0.00	25.50 1.42 0.00	24.02 1.21 0.00	23.68 1.23 0.00	28.45 1.28 0.00	35.27 1.62 0.00	36.29 1.76 0.00	31.60 1.48 -0.52	26.49 1.49 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.61 2.02 -0.22	32.14 2.43 -0.38	34.68 2.65 0.22	41.27 3.41 -0.74	50.24 3.53 -0.83	50.44 3.31 -0.45	48.51 2.87 -0.11	43.75 2.79 0.00	36.85 2.28 0.00	32.85 2.09 0.00	31.00 1.70 0.00
ASHOKAN____ 23654	28.85 1.08 0.00	26.72 0.85 0.00	24.99 0.91 0.00	23.59 0.78 0.00	23.26 0.81 0.00	27.99 0.81 0.00	34.67 1.01 0.00	35.50 0.97 0.00	30.96 1.36 0.00	25.80 1.02 0.00	25.22 0.30 0.00	25.08 0.27 0.00	25.51 0.40 0.00	28.60 1.23 0.00	30.88 1.55 0.00	33.19 1.71 0.77	39.26 2.15 0.00	48.85 2.98 0.00	49.86 3.18 0.00	48.76 3.23 0.00	42.69 1.72 0.00	36.30 1.73 0.00	32.08 1.32 0.00	31.08 1.79 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.11 1.33 -0.01	27.01 1.14 -0.01	25.39 1.30 -0.01	23.94 1.12 -0.01	23.58 1.12 -0.01	28.18 1.01 0.00	34.87 1.21 0.00	35.91 1.38 0.01	31.38 1.27 -0.51	26.36 1.36 -0.21	26.49 1.57 0.01	26.46 1.66 0.01	26.76 1.66 0.01	29.36 1.78 -0.21	31.84 2.14 -0.37	34.36 2.32 0.23	40.70 2.86 -0.74	49.50 2.80 -0.83	49.69 2.57 -0.44	47.82 2.19 -0.10	43.21 2.25 0.01	36.32 1.76 0.01	32.47 1.72 0.00	30.70 1.41 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.11 1.33 -0.01	27.01 1.14 -0.01	25.36 1.28 -0.01	23.94 1.12 -0.01	23.58 1.12 -0.01	28.18 1.01 0.00	34.87 1.21 0.00	35.91 1.38 0.01	31.38 1.27 -0.51	26.36 1.36 -0.21	26.49 1.57 0.01	26.46 1.66 0.01	26.76 1.66 0.01	29.36 1.78 -0.21	31.84 2.14 -0.37	34.36 2.32 0.23	40.70 2.86 -0.74	49.50 2.80 -0.83	49.69 2.57 -0.44	47.82 2.19 -0.10	43.21 2.25 0.01	36.32 1.76 0.01	32.47 1.72 0.00	30.70 1.41 0.00
ASTORIA_GT2_1 24094	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT2_2 24095	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT2_3 24096	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT2_4 24097	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT3_1 24098	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT3_2 24099	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT3_3 24100	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT3_4 24101	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT4_1 24102	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT4_2 24103	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT4_3 24104	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00

ASTORIA_GT4_4 24105	29.19 1.42 -0.01	27.11 1.24 -0.01	25.40 1.32 0.00	23.98 1.16 0.00	23.64 1.19 0.00	28.26 1.09 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.51 1.39 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.45 1.86 -0.22	31.88 2.17 -0.38	34.36 2.32 0.22	40.67 2.82 -0.74	49.55 2.84 -0.83	49.74 2.61 -0.45	47.82 2.19 -0.11	43.22 2.25 0.00	36.37 1.80 0.00	32.51 1.75 0.00	31.03 1.73 0.00
ASTORIA_GT_1 23523	29.25 1.47 -0.01	27.14 1.27 -0.01	25.45 1.37 0.00	24.03 1.21 0.00	23.66 1.21 0.00	28.29 1.11 0.00	35.04 1.38 0.00	36.09 1.55 0.00	31.57 1.45 -0.52	26.54 1.54 -0.22	26.59 1.67 0.00	26.52 1.71 0.00	26.89 1.78 0.00	29.50 1.92 -0.22	31.94 2.23 -0.38	34.43 2.39 0.22	40.75 2.89 -0.74	49.64 2.94 -0.83	49.83 2.71 -0.45	47.96 2.32 -0.11	43.30 2.34 0.00	36.44 1.87 0.00	32.57 1.81 0.00	31.08 1.79 0.00
ASTORIA_GT_10 24110	29.16 1.39 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.91 1.10 0.00	23.55 1.10 0.00	28.34 1.17 0.00	35.17 1.51 0.00	36.23 1.69 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.58 2.00 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.82 2.97 -0.74	49.73 3.03 -0.83	49.97 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.58 2.01 0.00	32.57 1.81 0.00	30.97 1.67 0.00
ASTORIA_GT_11 24225	29.16 1.39 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.91 1.10 0.00	23.55 1.10 0.00	28.34 1.17 0.00	35.17 1.51 0.00	36.23 1.69 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.58 2.00 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.82 2.97 -0.74	49.73 3.03 -0.83	49.97 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.58 2.01 0.00	32.57 1.81 0.00	30.97 1.67 0.00
ASTORIA_GT_12 24226	29.16 1.39 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.91 1.10 0.00	23.55 1.10 0.00	28.34 1.17 0.00	35.17 1.51 0.00	36.23 1.69 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.58 2.00 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.82 2.97 -0.74	49.73 3.03 -0.83	49.97 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.58 2.01 0.00	32.57 1.81 0.00	30.97 1.67 0.00
ASTORIA_GT_13 24227	29.16 1.39 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.91 1.10 0.00	23.55 1.10 0.00	28.34 1.17 0.00	35.17 1.51 0.00	36.23 1.69 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.58 2.00 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.82 2.97 -0.74	49.73 3.03 -0.83	49.97 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.58 2.01 0.00	32.57 1.81 0.00	30.97 1.67 0.00
ASTORIA_GT_5 24106	29.25 1.47 -0.01	27.14 1.27 -0.01	25.45 1.37 0.00	24.03 1.21 0.00	23.66 1.21 0.00	28.29 1.11 0.00	35.04 1.38 0.00	36.09 1.55 0.00	31.57 1.45 -0.52	26.54 1.54 -0.22	26.59 1.67 0.00	26.52 1.71 0.00	26.89 1.78 0.00	29.50 1.92 -0.22	31.94 2.23 -0.38	34.43 2.39 0.22	40.75 2.89 -0.74	49.64 2.94 -0.83	49.83 2.71 -0.45	47.96 2.32 -0.11	43.30 2.34 0.00	36.44 1.87 0.00	32.57 1.81 0.00	31.08 1.79 0.00
ASTORIA_GT_7 24107	29.25 1.47 -0.01	27.14 1.27 -0.01	25.45 1.37 0.00	24.03 1.21 0.00	23.66 1.21 0.00	28.29 1.11 0.00	35.04 1.38 0.00	36.09 1.55 0.00	31.57 1.45 -0.52	26.54 1.54 -0.22	26.59 1.67 0.00	26.52 1.71 0.00	26.89 1.78 0.00	29.50 1.92 -0.22	31.94 2.23 -0.38	34.43 2.39 0.22	40.75 2.89 -0.74	49.64 2.94 -0.83	49.83 2.71 -0.45	47.96 2.32 -0.11	43.30 2.34 0.00	36.44 1.87 0.00	32.57 1.81 0.00	31.08 1.79 0.00
ASTORIA_GT_8 24108	29.25 1.47 -0.01	27.14 1.27 -0.01	25.45 1.37 0.00	24.03 1.21 0.00	23.66 1.21 0.00	28.29 1.11 0.00	35.04 1.38 0.00	36.09 1.55 0.00	31.57 1.45 -0.52	26.54 1.54 -0.22	26.59 1.67 0.00	26.52 1.71 0.00	26.89 1.78 0.00	29.50 1.92 -0.22	31.94 2.23 -0.38	34.43 2.39 0.22	40.75 2.89 -0.74	49.64 2.94 -0.83	49.83 2.71 -0.45	47.96 2.32 -0.11	43.30 2.34 0.00	36.44 1.87 0.00	32.57 1.81 0.00	31.08 1.79 0.00
ASTORIA___2 24149	29.11 1.33 -0.01	27.04 1.16 -0.01	25.39 1.30 -0.01	23.94 1.12 -0.01	23.58 1.12 -0.01	28.18 1.01 0.00	34.87 1.21 0.00	35.94 1.42 0.01	31.38 1.27 -0.51	26.38 1.39 -0.21	26.51 1.60 0.01	26.46 1.66 0.01	26.79 1.68 0.01	29.38 1.81 -0.21	31.84 2.14 -0.37	34.36 2.32 0.23	40.74 2.90 -0.74	49.54 2.85 -0.83	49.73 2.61 -0.44	47.86 2.23 -0.10	43.21 2.25 0.01	36.36 1.80 0.01	32.47 1.72 0.00	30.70 1.41 0.00
ASTORIA___3 23516	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.07 1.41 0.00	36.16 1.62 0.00	31.57 1.45 -0.52	26.49 1.49 -0.22	26.59 1.67 0.00	26.55 1.74 0.00	26.87 1.76 0.00	29.53 1.94 -0.22	32.00 2.29 -0.38	34.52 2.48 0.22	40.90 3.04 -0.74	49.73 3.03 -0.83	49.98 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.57 2.00 0.00	32.54 1.78 0.00	30.67 1.38 0.00
ASTORIA___4 23517	29.16 1.39 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.91 1.10 0.00	23.55 1.10 0.00	28.34 1.17 0.00	35.17 1.51 0.00	36.23 1.69 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.58 2.00 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.82 2.97 -0.74	49.73 3.03 -0.83	49.97 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.58 2.01 0.00	32.57 1.81 0.00	30.97 1.67 0.00
ASTORIA___5 23518	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.07 1.41 0.00	36.16 1.62 0.00	31.57 1.45 -0.52	26.49 1.49 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.87 1.76 0.00	29.53 1.94 -0.22	32.00 2.29 -0.38	34.52 2.48 0.22	40.90 3.04 -0.74	49.73 3.03 -0.83	49.98 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.57 2.00 0.00	32.54 1.78 0.00	30.67 1.38 0.00
AST_ENERGY_2_CC3 323677	26.41 1.05 2.41	26.41 0.88 0.33	25.22 1.13 -0.01	23.78 0.96 -0.01	23.42 0.96 -0.01	26.41 0.73 1.50	26.41 0.87 8.12	26.41 1.04 9.16	26.41 0.98 4.16	26.16 1.16 -0.21	26.34 1.42 0.01	26.29 1.49 0.01	26.61 1.51 0.01	29.11 1.53 -0.21	29.11 1.85 2.07	29.11 2.00 5.15	29.11 2.49 10.49	30.84 2.38 17.42	32.17 2.15 16.66	30.28 1.73 16.98	29.11 1.85 13.70	29.11 1.45 6.91	29.11 1.42 3.06	29.11 1.11 1.30
AST_ENERGY_2_CC4 323678	26.41 1.05 2.41	26.41 0.88 0.33	25.22 1.13 -0.01	23.78 0.96 -0.01	23.42 0.96 -0.01	26.41 0.73 1.50	26.41 0.87 8.12	26.41 1.04 9.16	26.41 0.98 4.16	26.16 1.16 -0.21	26.34 1.42 0.01	26.29 1.49 0.01	26.61 1.51 0.01	29.11 1.53 -0.21	29.11 1.85 2.07	29.11 2.00 5.15	29.11 2.49 10.49	30.84 2.38 17.42	32.17 2.15 16.66	30.28 1.73 16.98	29.11 1.85 13.70	29.11 1.45 6.91	29.11 1.42 3.06	29.11 1.11 1.30

ATHENS_STG_1 23668	28.49 0.72 0.00	26.51 0.65 0.00	24.73 0.65 0.00	23.39 0.57 0.00	23.03 0.58 0.00	27.82 0.65 0.00	34.50 0.84 0.00	35.50 0.97 0.00	30.61 0.77 -0.24	25.60 0.72 -0.10	25.74 0.82 0.00	25.63 0.82 0.00	25.94 0.83 0.00	28.37 0.90 -0.10	30.62 1.11 -0.18	32.80 1.10 0.55	38.83 1.37 -0.35	47.73 1.47 -0.39	48.29 1.40 -0.21	46.81 1.23 -0.05	42.28 1.31 0.00	35.68 1.11 0.00	31.68 0.92 0.00	30.00 0.70 0.00
ATHENS_STG_2 23670	28.49 0.72 0.00	26.51 0.65 0.00	24.73 0.65 0.00	23.39 0.57 0.00	23.03 0.58 0.00	27.82 0.65 0.00	34.50 0.84 0.00	35.50 0.97 0.00	30.61 0.77 -0.24	25.60 0.72 -0.10	25.74 0.82 0.00	25.63 0.82 0.00	25.94 0.83 0.00	28.37 0.90 -0.10	30.62 1.11 -0.18	32.80 1.10 0.55	38.83 1.37 -0.35	47.73 1.47 -0.39	48.29 1.40 -0.21	46.81 1.23 -0.05	42.28 1.31 0.00	35.68 1.11 0.00	31.68 0.92 0.00	30.00 0.70 0.00
ATHENS_STG_3 23677	28.49 0.72 0.00	26.51 0.65 0.00	24.73 0.65 0.00	23.39 0.57 0.00	23.03 0.58 0.00	27.82 0.65 0.00	34.50 0.84 0.00	35.50 0.97 0.00	30.61 0.77 -0.24	25.60 0.72 -0.10	25.74 0.82 0.00	25.63 0.82 0.00	25.94 0.83 0.00	28.37 0.90 -0.10	30.62 1.11 -0.18	32.80 1.10 0.55	38.83 1.37 -0.35	47.73 1.47 -0.39	48.29 1.40 -0.21	46.81 1.23 -0.05	42.28 1.31 0.00	35.68 1.11 0.00	31.68 0.92 0.00	30.00 0.70 0.00
AUBURN___LFGE 323710	28.86 0.06 -1.03	27.05 0.08 -1.10	25.08 0.00 -1.01	23.83 0.00 -1.01	23.71 0.02 -1.24	28.68 0.14 -1.37	35.20 0.20 -1.34	36.19 0.14 -1.52	30.72 0.00 -1.12	24.81 -0.15 -0.18	24.93 -0.17 -0.18	24.93 -0.12 -0.25	25.40 -0.08 -0.36	27.58 -0.03 -0.24	29.36 -0.18 -0.20	32.27 -0.16 -0.18	37.15 0.04 0.00	46.12 0.18 -0.06	47.57 0.28 -0.61	46.45 0.27 -0.64	42.68 0.41 -1.30	35.75 0.21 -0.97	31.94 0.25 -0.94	30.46 0.21 -0.96
BABYLON_RES_REC 323704	29.55 1.78 0.00	27.26 1.40 0.00	25.38 1.30 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.50 1.33 0.00	35.61 1.95 0.00	36.92 2.38 0.00	31.83 1.72 -0.52	26.69 1.69 -0.22	27.08 2.14 -0.01	27.00 2.18 -0.01	27.20 2.08 -0.01	29.87 2.27 -0.23	32.39 2.67 -0.39	36.66 2.90 -1.50	41.28 3.41 -0.75	50.24 3.53 -0.83	50.63 3.50 -0.45	48.69 3.05 -0.11	44.04 3.07 0.00	38.59 2.94 -1.09	33.22 2.46 -0.01	31.05 1.76 0.00
BALL_HILL_WT_PWR 323825	27.82 0.06 0.00	26.07 0.21 0.00	24.18 0.10 0.00	23.00 0.18 0.00	22.67 0.22 0.00	27.69 0.51 0.00	33.73 0.07 0.00	34.12 -0.41 0.00	29.09 -0.50 0.00	24.31 -0.47 0.00	24.52 -0.40 0.00	24.56 -0.25 0.00	24.99 -0.12 0.00	27.20 -0.16 0.00	29.07 -0.26 0.00	30.79 -0.64 0.82	36.52 -0.60 0.00	44.91 -0.97 0.00	45.75 -0.93 0.00	44.76 -0.77 0.00	40.56 -0.41 0.00	34.09 -0.48 0.00	30.69 -0.06 0.00	29.83 0.53 0.00
BARON_WINDS___WT_PWR 323822	27.99 0.22 0.00	26.15 0.29 0.00	24.27 0.19 0.00	23.07 0.25 0.00	22.72 0.27 0.00	27.69 0.51 0.00	34.03 0.37 0.00	34.57 0.03 0.00	29.36 -0.24 0.00	24.41 -0.37 0.00	24.57 -0.35 0.00	24.54 -0.27 0.00	24.91 -0.20 0.00	27.20 -0.16 0.00	29.07 -0.26 0.00	31.18 -0.48 0.59	36.78 -0.33 0.00	45.46 -0.41 0.00	46.49 -0.19 0.00	45.53 0.00 0.00	41.21 0.25 0.00	34.64 0.07 0.00	31.06 0.31 0.00	29.88 0.59 0.00
BARRETT_IC_1 23704	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_10 23701	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_11 23702	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_12 23703	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_2 23705	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_3 23706	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_4 23707	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_5 23708	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00

BARRETT_IC_6 23709	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_7 23710	29.41 1.64 0.00	27.18 1.32 0.00	25.31 1.23 0.00	23.82 1.00 0.00	23.41 0.97 0.00	28.45 1.28 0.00	35.51 1.85 0.00	36.78 2.24 0.00	31.83 1.72 -0.52	26.64 1.64 -0.22	26.85 1.92 -0.01	26.80 1.98 -0.01	27.13 2.01 -0.01	29.68 2.08 -0.23	32.13 2.41 -0.39	35.96 2.32 -1.38	40.72 2.86 -0.75	49.55 2.84 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	31.17 1.88 0.00
BARRETT_IC_8 23711	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT_IC_9 23700	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT___1 23545	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BARRETT___2 23546	29.32 1.55 0.00	27.10 1.24 0.00	25.23 1.16 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.37 1.19 0.00	35.41 1.75 0.00	36.68 2.14 0.00	31.71 1.60 -0.52	26.57 1.56 -0.22	26.83 1.89 -0.02	26.80 1.99 -0.01	27.05 1.93 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	35.96 2.32 -1.38	40.76 2.90 -0.75	49.55 2.85 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.76 2.18 -1.01	32.95 2.18 -0.01	30.85 1.55 0.00
BATAVIA__115KV_TB1 55881	28.38 0.61 0.00	26.72 0.85 0.00	24.73 0.65 0.00	23.46 0.64 0.00	23.03 0.58 0.00	28.10 0.92 0.00	34.13 0.47 0.00	34.64 0.10 0.00	29.60 0.00 0.00	24.51 -0.27 0.00	24.67 -0.25 0.00	24.69 -0.12 0.00	25.11 0.00 0.00	27.36 0.00 0.00	29.30 -0.03 0.00	31.43 -0.06 0.76	36.92 -0.19 0.00	45.51 -0.37 0.00	46.40 -0.28 0.00	45.53 0.00 0.00	41.34 0.37 0.00	34.67 0.10 0.00	31.18 0.43 0.00	30.09 0.79 0.00
BAYONEEC___CTG1 323682	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG10 323750	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG2 323683	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG3 323684	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG4 323685	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG5 323686	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG6 323687	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG7 323688	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00

BAYONEEC___CTG8 323689	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BAYONEEC___CTG9 323749	28.96 1.19 0.00	26.90 1.04 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.31 1.14 0.00	35.21 1.55 0.00	36.29 1.76 0.00	31.68 1.57 -0.52	26.51 1.51 -0.22	26.64 1.72 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.93 3.08 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.75 2.18 0.00	32.57 1.81 0.00	30.62 1.32 0.00
BEACON___LESR 323632	28.38 0.61 0.00	26.43 0.57 0.00	24.61 0.53 0.00	23.32 0.50 0.00	22.94 0.49 0.00	27.74 0.57 0.00	34.26 0.61 0.00	35.26 0.73 0.00	29.65 0.44 0.39	24.93 0.32 0.17	25.20 0.27 0.00	25.06 0.25 0.00	25.31 0.20 0.00	27.44 0.25 0.17	29.45 0.41 0.29	31.51 0.45 1.20	37.18 0.63 0.56	46.25 1.01 0.63	47.46 1.12 0.34	46.49 1.05 0.08	41.99 1.02 0.00	35.43 0.86 0.00	31.46 0.71 0.00	29.85 0.56 0.00
BEAVER RIVER___HYD 24048	45.60 0.81 -17.02	44.85 0.78 -18.21	41.31 0.65 -16.58	40.21 0.66 -16.73	43.51 0.63 -20.43	50.65 0.81 -22.66	56.99 1.18 -22.15	60.66 1.10 -25.02	48.90 0.77 -18.54	28.14 0.37 -2.99	28.15 0.27 -2.95	29.18 0.25 -4.12	31.39 0.28 -6.00	31.70 0.33 -4.01	33.02 0.32 -3.37	35.33 0.39 -2.68	37.66 0.52 -0.03	48.00 0.96 -1.16	59.73 1.35 -11.70	59.51 1.59 -12.39	67.48 1.39 -25.12	54.62 1.18 -18.87	50.13 1.01 -18.36	48.77 0.88 -18.59
BEEBEE_GT_13 23619	27.88 0.11 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.54 0.09 0.00	27.50 0.33 0.00	33.69 0.03 0.00	34.40 -0.14 0.00	29.42 -0.18 0.00	24.46 -0.32 0.00	24.60 -0.32 0.00	24.59 -0.22 0.00	24.99 -0.13 0.00	27.23 -0.14 0.00	29.10 -0.23 0.00	31.27 -0.16 0.83	36.92 -0.19 0.00	45.64 -0.23 0.00	46.49 -0.19 0.00	45.48 -0.05 0.00	41.21 0.25 0.00	34.60 0.03 0.00	30.97 0.22 0.00	29.56 0.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.35 1.58 0.00	27.23 1.37 0.00	25.45 1.37 0.00	24.00 1.19 0.00	23.66 1.21 0.00	28.48 1.30 0.00	35.37 1.72 0.00	36.43 1.90 0.00	31.77 1.66 -0.52	26.66 1.66 -0.22	26.74 1.82 0.00	26.67 1.86 0.00	27.07 1.96 0.00	29.75 2.16 -0.22	32.23 2.52 -0.38	34.78 2.74 0.22	41.23 3.38 -0.74	50.28 3.58 -0.83	50.49 3.36 -0.45	48.55 2.91 -0.11	43.83 2.87 0.00	36.85 2.28 0.00	32.85 2.09 0.00	31.20 1.90 0.00
BETHLEHEM___GRP 23843	28.07 0.31 0.00	26.12 0.26 0.00	24.34 0.26 0.00	23.07 0.25 0.00	22.67 0.22 0.00	27.39 0.22 0.00	33.86 0.20 0.00	34.81 0.28 0.00	29.34 0.12 0.37	24.75 0.12 0.16	25.00 0.07 0.00	24.86 0.05 0.00	25.16 0.05 0.00	27.26 0.05 0.16	29.21 0.15 0.27	31.18 0.10 1.17	36.73 0.15 0.53	45.56 0.28 0.59	46.64 0.28 0.32	45.68 0.23 0.08	41.25 0.29 0.00	34.85 0.28 0.00	30.91 0.15 0.00	29.56 0.26 0.00
BETHLEHEM___GS1 323560	27.99 0.22 0.00	26.07 0.21 0.00	24.29 0.22 0.00	23.02 0.20 0.00	22.63 0.18 0.00	27.34 0.16 0.00	33.79 0.14 0.00	34.74 0.21 0.00	29.28 0.06 0.37	24.70 0.07 0.16	25.00 0.07 0.00	24.86 0.05 0.00	25.11 0.00 0.00	27.23 0.03 0.16	29.21 0.15 0.27	31.21 0.13 1.17	36.77 0.19 0.53	45.56 0.28 0.59	46.64 0.28 0.32	45.68 0.23 0.08	41.26 0.29 0.00	34.85 0.28 0.00	30.97 0.22 0.00	29.41 0.12 0.00
BETHLEHEM___GS2 323561	27.99 0.22 0.00	26.07 0.21 0.00	24.29 0.22 0.00	23.02 0.20 0.00	22.63 0.18 0.00	27.34 0.16 0.00	33.79 0.14 0.00	34.74 0.21 0.00	29.28 0.06 0.37	24.70 0.07 0.16	25.00 0.07 0.00	24.86 0.05 0.00	25.11 0.00 0.00	27.23 0.03 0.16	29.21 0.15 0.27	31.21 0.13 1.17	36.77 0.19 0.53	45.56 0.28 0.59	46.64 0.28 0.32	45.68 0.23 0.08	41.26 0.29 0.00	34.85 0.28 0.00	30.97 0.22 0.00	29.41 0.12 0.00
BETHLEHEM___GS3 323562	27.99 0.22 0.00	26.07 0.21 0.00	24.29 0.22 0.00	23.02 0.20 0.00	22.63 0.18 0.00	27.34 0.16 0.00	33.79 0.14 0.00	34.74 0.21 0.00	29.28 0.06 0.37	24.70 0.07 0.16	25.00 0.07 0.00	24.86 0.05 0.00	25.11 0.00 0.00	27.23 0.03 0.16	29.21 0.15 0.27	31.21 0.13 1.17	36.77 0.19 0.53	45.56 0.28 0.59	46.64 0.28 0.32	45.68 0.23 0.08	41.26 0.29 0.00	34.85 0.28 0.00	30.97 0.22 0.00	29.41 0.12 0.00
BETHLEHEM___STEEL 23779	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.61 0.16 0.00	27.69 0.52 0.00	33.56 -0.10 0.00	33.98 -0.55 0.00	29.03 -0.56 0.00	24.21 -0.57 0.00	24.43 -0.50 0.00	24.46 -0.35 0.00	24.86 -0.25 0.00	27.06 -0.30 0.00	28.98 -0.35 0.00	31.05 -0.52 0.70	36.41 -0.71 0.00	44.63 -1.24 0.00	45.51 -1.17 0.00	44.53 -1.00 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.65 0.35 0.00
BETHLHEM_115KV_TB1 79974	28.13 0.36 0.00	26.17 0.31 0.00	24.39 0.31 0.00	23.11 0.30 0.00	22.72 0.27 0.00	27.44 0.27 0.00	33.93 0.27 0.00	34.88 0.35 0.00	29.42 0.18 0.35	24.80 0.17 0.15	25.07 0.15 0.00	24.93 0.12 0.00	25.24 0.13 0.00	27.35 0.14 0.15	29.34 0.26 0.25	31.30 0.19 1.15	36.87 0.26 0.50	45.73 0.41 0.56	46.80 0.42 0.30	45.78 0.32 0.07	41.38 0.41 0.00	34.95 0.38 0.00	31.00 0.25 0.00	29.62 0.32 0.00
BETHPAGE_CC_5 323564	29.49 1.72 0.00	27.23 1.37 0.00	25.35 1.28 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.48 1.30 0.00	35.58 1.92 0.00	36.85 2.31 0.00	31.83 1.72 -0.52	26.69 1.69 -0.22	27.03 2.09 -0.01	26.98 2.16 -0.01	27.21 2.08 -0.01	29.84 2.24 -0.23	32.33 2.61 -0.39	36.63 2.77 -1.60	41.09 3.23 -0.75	50.01 3.30 -0.83	50.39 3.27 -0.45	48.46 2.82 -0.11	43.79 2.82 0.00	38.42 2.70 -1.15	33.13 2.37 -0.01	31.00 1.70 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.71 -0.06 0.00	26.07 0.21 0.00	24.17 0.10 0.00	22.91 0.09 0.00	22.58 0.13 0.00	27.66 0.49 0.00	33.56 -0.10 0.00	34.02 -0.52 0.00	29.06 -0.53 0.00	24.21 -0.57 0.00	24.45 -0.47 0.00	24.46 -0.35 0.00	24.89 -0.23 0.00	27.09 -0.27 0.00	29.01 -0.32 0.00	30.95 -0.48 0.82	36.44 -0.67 0.00	44.68 -1.19 0.00	45.56 -1.12 0.00	44.57 -0.96 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.62 0.32 0.00
BINGHAMTON___COGEN 23790	27.96 0.19 0.00	26.10 0.23 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.61 0.16 0.00	27.50 0.33 0.00	33.96 0.30 0.00	34.78 0.24 0.00	29.68 0.09 0.00	24.78 0.00 0.00	24.92 0.00 0.00	24.83 0.02 0.00	25.19 0.08 0.00	27.47 0.11 0.00	29.42 0.09 0.00	32.03 0.10 0.32	37.30 0.19 0.00	46.15 0.28 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.88 0.31 0.00	31.09 0.34 0.00	29.68 0.38 0.00

BIXINCNT_115KV_LOAD 355685	27.63 -0.14 0.00	25.99 0.13 0.00	24.10 0.02 0.00	22.86 0.05 0.00	22.52 0.07 0.00	27.63 0.46 0.00	33.69 0.03 0.00	34.26 -0.28 0.00	29.24 -0.36 0.00	24.36 -0.42 0.00	24.57 -0.35 0.00	24.61 -0.20 0.00	25.01 -0.10 0.00	27.23 -0.14 0.00	29.15 -0.18 0.00	31.18 -0.29 0.79	36.63 -0.48 0.00	44.96 -0.92 0.00	45.84 -0.84 0.00	44.76 -0.77 0.00	40.48 -0.49 0.00	34.02 -0.55 0.00	30.63 -0.12 0.00	29.59 0.29 0.00
BLACK RIVER___HYD 24047	40.64 1.08 -11.79	39.51 1.04 -12.61	36.43 0.87 -11.48	35.30 0.89 -11.59	37.43 0.83 -14.15	43.96 1.09 -15.70	50.62 1.62 -15.35	53.39 1.52 -17.33	43.45 1.01 -12.84	27.34 0.50 -2.07	27.34 0.37 -2.04	27.96 0.30 -2.85	29.62 0.35 -4.15	30.58 0.44 -2.78	32.04 0.38 -2.33	34.91 0.51 -2.14	37.91 0.78 -0.02	48.10 1.42 -0.80	56.71 1.96 -8.07	56.35 2.28 -8.54	60.34 2.05 -17.32	49.21 1.63 -13.01	44.83 1.42 -12.66	43.35 1.23 -12.82
BLACKRVR_115KV_TB2 79977	40.64 1.08 -11.79	39.51 1.03 -12.61	36.48 0.91 -11.48	35.27 0.87 -11.59	37.41 0.81 -14.15	43.93 1.06 -15.70	50.55 1.55 -15.35	53.35 1.48 -17.33	43.44 1.01 -12.84	27.29 0.45 -2.07	27.32 0.35 -2.04	27.98 0.32 -2.85	29.62 0.35 -4.15	30.58 0.44 -2.78	32.07 0.41 -2.33	34.95 0.55 -2.14	37.95 0.82 -0.02	48.10 1.42 -0.80	56.71 1.96 -8.07	56.35 2.28 -8.54	60.34 2.05 -17.32	49.21 1.62 -13.01	44.83 1.41 -12.66	43.26 1.14 -12.82
BLDWN_LI_69_KV_BK4 356085	29.54 1.78 0.00	27.29 1.42 0.00	25.40 1.32 0.00	23.89 1.07 0.00	23.50 1.06 0.00	28.56 1.39 0.00	35.64 1.99 0.00	36.92 2.38 0.00	31.95 1.83 -0.52	26.76 1.76 -0.22	27.01 2.07 -0.01	26.95 2.13 -0.01	27.26 2.13 -0.01	29.87 2.27 -0.23	32.33 2.61 -0.39	36.79 2.71 -1.82	41.06 3.19 -0.76	50.10 3.39 -0.83	50.49 3.36 -0.45	48.55 2.91 -0.11	43.88 2.91 0.00	38.49 2.63 -1.29	33.13 2.37 -0.01	31.32 2.02 0.00
BLISS_WT_PWR 323608	27.68 -0.08 0.00	25.94 0.08 0.00	24.05 -0.02 0.00	22.91 0.09 0.00	22.56 0.11 0.00	27.58 0.41 0.00	33.76 0.10 0.00	34.29 -0.24 0.00	29.21 -0.39 0.00	24.41 -0.37 0.00	24.63 -0.30 0.00	24.66 -0.15 0.00	25.06 -0.05 0.00	27.31 -0.05 0.00	29.18 -0.15 0.00	30.99 -0.48 0.79	36.63 -0.48 0.00	45.00 -0.87 0.00	45.89 -0.79 0.00	44.76 -0.77 0.00	40.52 -0.45 0.00	34.05 -0.52 0.00	30.66 -0.09 0.00	29.71 0.41 0.00
BLUESTONE___WT_PWR 323821	28.96 1.19 0.00	27.00 1.14 0.00	25.07 0.99 0.00	23.77 0.96 0.00	23.37 0.92 0.00	28.37 1.19 0.00	35.27 1.62 0.00	36.09 1.56 0.00	30.83 1.12 -0.11	25.57 0.74 -0.05	25.65 0.72 0.00	25.50 0.69 0.00	25.86 0.75 0.00	28.29 0.88 -0.05	30.38 0.97 -0.08	33.06 1.10 0.30	38.79 1.52 -0.16	48.11 2.07 -0.17	49.11 2.33 -0.09	47.96 2.41 -0.02	43.30 2.33 0.00	36.40 1.83 0.00	32.35 1.60 0.00	30.67 1.38 0.00
BLUE_CIRC_CHEM_DRP 24182	28.41 0.64 0.00	26.46 0.59 0.00	24.66 0.58 0.00	23.36 0.55 0.00	22.99 0.54 0.00	27.74 0.57 0.00	34.30 0.64 0.00	35.19 0.66 0.00	29.71 0.36 0.24	24.93 0.25 0.10	25.10 0.17 0.00	24.96 0.15 0.00	25.24 0.13 0.00	27.43 0.16 0.10	29.45 0.29 0.18	31.47 0.26 1.05	37.21 0.45 0.34	46.27 0.78 0.38	47.41 0.93 0.21	46.34 0.87 0.05	41.83 0.86 0.00	35.33 0.76 0.00	31.37 0.62 0.00	29.94 0.64 0.00
BOC_GAS_DRP 24189	28.24 0.47 0.00	26.30 0.44 0.00	24.49 0.41 0.00	23.20 0.39 0.00	22.83 0.38 0.00	27.58 0.41 0.00	34.16 0.50 0.00	35.09 0.55 0.00	29.78 0.41 0.23	25.05 0.37 0.10	25.30 0.37 0.00	25.18 0.37 0.00	25.49 0.38 0.00	27.68 0.41 0.10	29.69 0.53 0.17	31.70 0.48 1.04	37.42 0.63 0.32	46.24 0.73 0.36	47.23 0.75 0.20	46.12 0.64 0.05	41.66 0.70 0.00	35.19 0.62 0.00	31.25 0.49 0.00	29.80 0.50 0.00
BOONVILLE_115KV_TB1 79983	35.13 0.81 -6.55	33.62 0.75 -7.01	31.13 0.67 -6.38	29.90 0.64 -6.44	30.92 0.61 -7.87	36.68 0.79 -8.72	43.30 1.11 -8.53	45.24 1.07 -9.63	37.50 0.77 -7.14	26.38 0.45 -1.15	26.43 0.37 -1.14	26.77 0.37 -1.59	27.82 0.40 -2.31	29.37 0.47 -1.54	31.12 0.50 -1.30	33.90 0.61 -1.03	37.86 0.74 -0.01	47.47 1.15 -0.45	52.57 1.40 -4.49	51.83 1.55 -4.75	52.00 1.39 -9.64	42.92 1.11 -7.24	38.75 0.95 -7.04	37.22 0.79 -7.13
BORALEX_4TH_BRANCH 23824	29.16 1.39 0.00	27.13 1.27 0.00	25.16 1.08 0.00	23.93 1.12 0.00	23.53 1.08 0.00	28.34 1.17 0.00	35.21 1.55 0.00	36.19 1.66 0.00	29.69 1.24 1.15	25.36 1.07 0.49	25.90 0.97 0.00	25.73 0.92 0.00	26.07 0.95 0.00	27.86 0.99 0.49	29.67 1.17 0.84	31.59 1.23 1.89	37.14 1.67 1.64	46.29 2.25 1.83	47.93 2.24 0.99	47.34 2.05 0.24	43.02 2.05 0.00	36.33 1.76 0.00	32.23 1.48 0.00	30.62 1.32 0.00
BOWLINE___1 23526	28.68 0.91 0.00	26.67 0.80 0.00	24.92 0.84 0.00	23.55 0.73 0.00	23.19 0.74 0.00	28.04 0.87 0.00	34.84 1.18 0.00	35.88 1.35 0.00	31.24 1.15 -0.49	26.13 1.14 -0.21	26.24 1.32 0.00	26.17 1.36 0.00	26.47 1.36 0.00	29.08 1.50 -0.21	31.51 1.82 -0.36	33.96 1.94 0.23	40.15 2.34 -0.70	49.08 2.43 -0.78	49.43 2.33 -0.42	47.68 2.05 -0.10	43.01 2.05 0.00	36.33 1.76 0.00	32.20 1.45 0.00	30.29 1.00 0.00
BOWLINE___2 23595	28.68 0.91 0.00	26.67 0.80 0.00	24.92 0.84 0.00	23.52 0.71 0.00	23.19 0.74 0.00	28.04 0.87 0.00	34.84 1.18 0.00	35.88 1.35 0.00	31.24 1.15 -0.49	26.11 1.12 -0.21	26.24 1.32 0.00	26.15 1.34 0.00	26.47 1.36 0.00	29.05 1.48 -0.21	31.51 1.82 -0.36	33.96 1.94 0.23	40.15 2.34 -0.70	49.08 2.43 -0.78	49.43 2.33 -0.42	47.68 2.05 -0.10	43.01 2.05 0.00	36.30 1.73 0.00	32.17 1.42 0.00	30.29 1.00 0.00
BRADY___115KV_TB2 356060	86.86 0.36 -58.73	89.02 0.34 -62.82	81.62 0.34 -57.20	80.86 0.32 -57.73	93.26 0.31 -70.49	105.71 0.35 -78.19	110.60 0.50 -76.44	121.32 0.45 -86.34	94.01 0.44 -63.97	35.40 0.32 -10.30	35.38 0.27 -10.18	39.27 0.25 -14.21	46.01 0.20 -20.69	41.36 0.16 -13.83	41.18 0.23 -11.62	41.61 0.13 -9.22	37.47 0.26 -0.10	50.31 0.41 -4.02	87.69 0.51 -40.50	89.05 0.64 -42.88	128.25 0.33 -86.96	100.28 0.38 -65.33	94.70 0.37 -63.58	94.01 0.35 -64.36
BRANSCOMB___SOLAR 323811	29.29 1.53 0.00	27.31 1.45 0.00	25.45 1.37 0.00	24.12 1.30 0.00	23.73 1.28 0.00	28.72 1.55 0.00	35.41 1.75 0.00	36.40 1.86 0.00	30.20 1.19 0.58	25.22 0.69 0.25	25.47 0.55 0.00	25.28 0.47 0.00	25.46 0.35 0.00	27.55 0.44 0.25	29.55 0.64 0.43	31.68 0.81 1.38	37.61 1.33 0.83	47.23 2.29 0.93	48.84 2.66 0.50	48.14 2.73 0.12	43.51 2.54 0.00	36.64 2.07 0.00	32.54 1.78 0.00	30.82 1.52 0.00
BRDGHMPT_69_KV_BK1 55812	30.18 2.42 0.00	27.75 1.89 0.00	25.72 1.64 0.00	24.07 1.25 0.00	23.59 1.14 0.00	28.75 1.58 0.00	35.85 2.19 0.00	37.16 2.62 0.00	31.98 1.86 -0.52	26.84 1.83 -0.22	27.43 2.49 -0.01	27.37 2.56 -0.01	27.58 2.46 -0.01	30.31 2.71 -0.23	32.86 3.14 -0.39	37.08 3.48 -1.34	41.98 4.12 -0.75	51.25 4.54 -0.83	51.76 4.62 -0.46	49.55 3.92 -0.11	44.83 3.85 -0.01	39.19 3.63 -0.99	33.78 3.01 -0.01	31.82 2.52 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	29.85 2.08 0.00	27.54 1.68 0.00	25.60 1.52 0.00	24.05 1.23 0.00	23.64 1.19 0.00	28.78 1.60 0.00	35.91 2.26 0.00	37.23 2.69 0.00	32.10 1.98 -0.52	26.91 1.91 -0.22	27.30 2.37 -0.01	27.22 2.41 -0.01	27.46 2.34 -0.01	30.09 2.49 -0.23	32.62 2.90 -0.39	36.82 3.19 -1.36	41.57 3.71 -0.75	50.65 3.95 -0.83	51.05 3.92 -0.45	49.10 3.46 -0.11	44.45 3.48 0.00	38.89 3.32 -1.00	33.53 2.77 -0.01	31.58 2.29 0.00
BRISTLHL_115KV_TB1 79998	28.99 -0.42 -1.64	27.26 -0.36 -1.76	25.29 -0.39 -1.60	24.07 -0.37 -1.62	24.06 -0.36 -1.97	29.01 -0.35 -2.19	35.36 -0.44 -2.14	36.43 -0.52 -2.42	30.88 -0.50 -1.79	24.57 -0.50 -0.29	24.69 -0.52 -0.28	24.74 -0.47 -0.40	25.21 -0.48 -0.58	27.26 -0.49 -0.39	28.98 -0.67 -0.33	32.85 -0.74 -1.33	36.44 -0.67 0.00	45.24 -0.73 -0.10	47.01 -0.70 -1.03	45.93 -0.68 -1.09	42.68 -0.49 -2.21	35.74 -0.48 -1.66	32.00 -0.37 -1.61	30.55 -0.38 -1.63
BROOKHAVEN___DRP 24191	29.71 1.94 0.00	27.36 1.50 0.00	25.43 1.35 0.00	23.87 1.05 0.00	23.46 1.01 0.00	28.56 1.39 0.00	35.64 1.99 0.00	36.95 2.42 0.00	31.80 1.69 -0.52	26.66 1.66 -0.22	27.10 2.17 -0.01	27.05 2.23 -0.01	27.25 2.13 -0.01	29.87 2.27 -0.23	32.39 2.67 -0.39	36.53 2.94 -1.34	41.35 3.49 -0.75	50.47 3.76 -0.83	50.92 3.78 -0.46	48.92 3.28 -0.11	44.29 3.32 -0.01	38.74 3.18 -0.98	33.38 2.61 -0.01	31.41 2.11 0.00
BROOKLYN_NAVY_YARD 23515	28.96 1.19 0.00	26.90 1.04 0.00	25.19 1.11 0.00	23.75 0.94 0.00	23.39 0.94 0.00	28.31 1.14 0.00	35.24 1.58 0.00	36.33 1.79 0.00	31.68 1.57 -0.52	26.54 1.54 -0.22	26.67 1.74 0.00	26.62 1.81 0.00	26.92 1.81 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.59 2.55 0.22	40.97 3.12 -0.74	49.87 3.16 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.59 2.62 0.00	36.75 2.18 0.00	32.60 1.85 0.00	30.62 1.32 0.00
BROOKLYN___ARMY_DRP 323595	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
BROOME_2_LFGE 323671	27.96 0.20 0.00	26.07 0.21 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.50 0.33 0.00	33.99 0.34 0.00	34.78 0.24 0.00	29.68 0.09 0.00	24.78 0.00 0.00	24.95 0.02 0.00	24.86 0.05 0.00	25.19 0.08 0.00	27.50 0.14 0.00	29.39 0.06 0.00	31.97 0.03 0.32	37.30 0.19 0.00	46.15 0.28 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.88 0.31 0.00	31.09 0.34 0.00	29.71 0.41 0.00
BROOME___LFGE 323600	27.96 0.20 0.00	26.07 0.21 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.50 0.33 0.00	33.99 0.34 0.00	34.78 0.24 0.00	29.68 0.09 0.00	24.78 0.00 0.00	24.95 0.02 0.00	24.86 0.05 0.00	25.19 0.08 0.00	27.50 0.14 0.00	29.39 0.06 0.00	31.97 0.03 0.32	37.30 0.19 0.00	46.15 0.28 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.88 0.31 0.00	31.09 0.34 0.00	29.71 0.41 0.00
BROWNFLS_115KV_TB 3_5 80003	58.95 0.58 -30.60	59.14 0.54 -32.73	54.39 0.51 -29.81	53.38 0.48 -30.08	59.63 0.45 -36.73	68.49 0.57 -40.74	74.30 0.81 -39.83	80.28 0.76 -44.99	63.55 0.62 -33.33	30.49 0.35 -5.37	30.50 0.27 -5.31	32.49 0.27 -7.40	36.15 0.25 -10.78	34.84 0.27 -7.21	35.68 0.29 -6.05	37.32 0.26 -4.81	37.46 0.30 -0.05	48.42 0.46 -2.09	68.50 0.75 -21.08	68.76 0.91 -22.32	86.96 0.74 -45.26	69.33 0.76 -34.00	64.52 0.68 -33.09	63.38 0.59 -33.50
BROWNSV1_27_KV_LOAD 356125	29.27 1.50 0.00	27.18 1.32 0.00	25.40 1.32 0.00	24.00 1.19 0.00	23.64 1.19 0.00	28.59 1.41 0.00	35.58 1.92 0.00	36.68 2.14 0.00	32.01 1.89 -0.52	26.81 1.81 -0.22	26.89 1.97 0.00	26.82 2.01 0.00	27.20 2.08 0.00	29.86 2.27 -0.22	32.35 2.64 -0.38	34.88 2.84 0.22	41.23 3.38 -0.74	50.28 3.58 -0.83	50.58 3.45 -0.45	48.69 3.05 -0.11	43.96 2.99 0.00	37.02 2.45 0.00	32.88 2.12 0.00	31.17 1.88 0.00
BURROWS___LYONSDAL 23803	37.18 0.81 -8.61	35.85 0.78 -9.21	33.16 0.70 -8.38	31.94 0.66 -8.46	33.41 0.63 -10.33	39.42 0.79 -11.46	45.97 1.11 -11.20	48.26 1.07 -12.65	39.74 0.77 -9.37	26.71 0.42 -1.51	26.79 0.37 -1.49	27.24 0.35 -2.08	28.52 0.38 -3.03	29.83 0.44 -2.03	31.50 0.47 -1.70	34.19 0.58 -1.36	37.83 0.71 -0.02	47.56 1.10 -0.59	53.98 1.40 -5.90	53.33 1.55 -6.25	55.07 1.43 -12.67	45.23 1.14 -9.52	41.00 0.98 -9.27	39.50 0.82 -9.38
CAITHNESS_CC_1 323624	29.66 1.89 0.00	27.31 1.45 0.00	25.38 1.30 0.00	23.84 1.03 0.00	23.41 0.96 0.00	28.50 1.33 0.00	35.58 1.92 0.00	36.88 2.35 0.00	31.71 1.60 -0.52	26.59 1.59 -0.22	27.10 2.17 -0.01	27.05 2.23 -0.01	27.23 2.11 -0.01	29.87 2.27 -0.23	32.39 2.67 -0.39	36.53 2.94 -1.34	41.43 3.56 -0.75	50.42 3.71 -0.83	50.87 3.74 -0.46	48.87 3.23 -0.11	44.29 3.32 -0.01	38.73 3.18 -0.98	33.35 2.58 -0.01	31.11 1.82 0.00
CALPINE BETH_PAGE_GT4 24209	29.54 1.78 0.00	27.29 1.42 0.00	25.40 1.32 0.00	23.89 1.07 0.00	23.50 1.06 0.00	28.56 1.39 0.00	35.64 1.99 0.00	36.95 2.42 0.00	31.95 1.83 -0.52	26.76 1.76 -0.22	27.03 2.09 -0.01	26.95 2.13 -0.01	27.26 2.13 -0.01	29.90 2.30 -0.23	32.28 2.55 -0.39	36.69 2.71 -1.72	40.83 2.97 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.23 2.60 -0.11	43.63 2.66 0.00	38.35 2.56 -1.23	33.16 2.40 -0.01	31.32 2.02 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.46 1.69 0.00	27.21 1.34 0.00	25.35 1.28 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.48 1.30 0.00	35.58 1.92 0.00	36.85 2.31 0.00	31.83 1.72 -0.52	26.69 1.69 -0.22	27.00 2.07 -0.01	26.95 2.13 -0.01	27.21 2.08 -0.01	29.84 2.24 -0.23	32.27 2.55 -0.39	36.69 2.71 -1.72	40.94 3.08 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.23 2.59 -0.11	43.63 2.66 0.00	38.35 2.56 -1.23	33.13 2.37 -0.01	31.00 1.70 0.00
CALPINE_BP_GT1 23823	29.46 1.69 0.00	27.21 1.34 0.00	25.35 1.28 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.48 1.30 0.00	35.58 1.92 0.00	36.85 2.31 0.00	31.83 1.72 -0.52	26.69 1.69 -0.22	27.00 2.07 -0.01	26.95 2.13 -0.01	27.21 2.08 -0.01	29.84 2.24 -0.23	32.27 2.55 -0.39	36.69 2.71 -1.72	40.94 3.08 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.23 2.59 -0.11	43.63 2.66 0.00	38.35 2.56 -1.23	33.13 2.37 -0.01	31.00 1.70 0.00
CALSPAN___DRP 24200	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.61 0.16 0.00	27.69 0.52 0.00	33.56 -0.10 0.00	33.98 -0.55 0.00	29.03 -0.56 0.00	24.21 -0.57 0.00	24.43 -0.50 0.00	24.46 -0.35 0.00	24.86 -0.25 0.00	27.06 -0.30 0.00	28.98 -0.35 0.00	31.05 -0.52 0.70	36.41 -0.71 0.00	44.63 -1.24 0.00	45.51 -1.17 0.00	44.53 -1.00 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.65 0.35 0.00

CALVERTON___SOLAR 323806	29.66 1.89 0.00	27.34 1.47 0.00	25.38 1.30 0.00	23.82 1.00 0.00	23.39 0.94 0.00	28.48 1.30 0.00	35.54 1.88 0.00	36.85 2.31 0.00	31.68 1.57 -0.52	26.57 1.56 -0.22	27.10 2.17 -0.01	27.05 2.23 -0.01	27.20 2.08 -0.01	29.87 2.27 -0.23	32.39 2.67 -0.39	36.56 2.97 -1.34	41.46 3.60 -0.75	50.51 3.81 -0.83	51.01 3.87 -0.46	48.96 3.32 -0.11	44.34 3.36 -0.01	38.77 3.22 -0.99	33.38 2.61 -0.01	31.14 1.85 0.00
CANDIGU_WT_PWR 323617	27.99 0.22 0.00	26.15 0.29 0.00	24.27 0.19 0.00	23.07 0.25 0.00	22.72 0.27 0.00	27.69 0.51 0.00	34.03 0.37 0.00	34.57 0.03 0.00	29.36 -0.24 0.00	24.41 -0.37 0.00	24.57 -0.35 0.00	24.54 -0.27 0.00	24.91 -0.20 0.00	27.20 -0.16 0.00	29.07 -0.26 0.00	31.18 -0.48 0.59	36.78 -0.33 0.00	45.46 -0.41 0.00	46.49 -0.19 0.00	45.53 0.00 0.00	41.21 0.25 0.00	34.64 0.07 0.00	31.06 0.31 0.00	29.88 0.59 0.00
CARR STREET_E_SYR 24060	28.97 -0.22 -1.43	27.18 -0.21 -1.53	25.23 -0.24 -1.39	24.01 -0.21 -1.40	23.96 -0.20 -1.72	28.89 -0.19 -1.90	35.28 -0.23 -1.86	36.32 -0.31 -2.10	30.83 -0.32 -1.56	24.68 -0.35 -0.25	24.82 -0.35 -0.25	24.83 -0.32 -0.35	25.31 -0.30 -0.50	27.43 -0.27 -0.34	29.09 -0.53 -0.28	31.60 -0.61 0.05	36.56 -0.56 0.00	45.22 -0.74 -0.09	46.86 -0.70 -0.88	45.78 -0.68 -0.93	42.36 -0.49 -1.89	35.57 -0.41 -1.42	31.92 -0.21 -1.38	30.63 -0.06 -1.40
CARTHAGE___PAPER 23857	42.50 0.91 -13.81	41.52 0.88 -14.78	38.28 0.75 -13.46	37.15 0.75 -13.58	39.75 0.72 -16.58	46.49 0.92 -18.39	53.02 1.38 -17.98	56.16 1.31 -20.31	45.53 0.89 -15.05	27.62 0.42 -2.42	27.64 0.32 -2.39	28.42 0.27 -3.34	30.28 0.30 -4.87	30.97 0.35 -3.25	32.42 0.35 -2.73	35.11 0.45 -2.40	37.77 0.63 -0.02	48.00 1.19 -0.94	57.78 1.63 -0.97	57.47 1.91 -10.03	62.98 1.68 -20.34	51.23 1.38 -15.28	46.79 1.17 -14.87	45.37 1.02 -15.05
CASSADAGA_WT_PWR 323784	28.21 0.44 0.00	26.41 0.54 0.00	24.49 0.41 0.00	23.30 0.48 0.00	22.99 0.54 0.00	28.15 0.98 0.00	34.60 0.94 0.00	35.16 0.62 0.00	29.95 0.36 0.00	25.00 0.22 0.00	25.22 0.30 0.00	25.28 0.47 0.00	25.71 0.60 0.00	27.99 0.63 0.00	29.92 0.59 0.00	31.75 0.29 0.79	37.52 0.41 0.00	46.01 0.14 0.00	46.91 0.23 0.00	45.80 0.27 0.00	41.42 0.45 0.00	34.74 0.17 0.00	31.28 0.52 0.00	30.29 1.00 0.00
CE_DUNWOOD___DRP 24194	28.91 1.14 0.00	26.87 1.01 0.00	25.09 1.01 0.00	23.71 0.89 0.00	23.35 0.90 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.54 1.42 -0.52	26.39 1.39 -0.22	26.47 1.55 0.00	26.37 1.56 0.00	26.72 1.61 0.00	29.34 1.75 -0.22	31.79 2.08 -0.38	34.23 2.19 0.22	40.45 2.60 -0.74	49.46 2.75 -0.83	49.79 2.66 -0.45	47.96 2.32 -0.11	43.26 2.29 0.00	36.51 1.94 0.00	32.38 1.63 0.00	30.73 1.44 0.00
CE_MILLWOOD___DRP 24193	28.88 1.11 0.00	26.85 0.98 0.00	25.07 0.99 0.00	23.68 0.87 0.00	23.32 0.88 0.00	28.18 1.01 0.00	35.04 1.38 0.00	36.09 1.55 0.00	31.47 1.36 -0.52	26.31 1.31 -0.22	26.39 1.47 0.00	26.30 1.49 0.00	26.64 1.53 0.00	29.25 1.67 -0.22	31.67 1.97 -0.38	34.10 2.06 0.22	40.30 2.45 -0.74	49.32 2.61 -0.83	49.64 2.52 -0.44	47.87 2.23 -0.11	43.18 2.21 0.00	36.44 1.87 0.00	32.32 1.57 0.00	30.67 1.38 0.00
CE_NYC2_DRP 24202	29.16 1.39 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.89 1.07 0.00	23.55 1.10 0.00	28.37 1.20 0.00	35.21 1.55 0.00	36.30 1.76 0.00	31.69 1.57 -0.52	26.59 1.59 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.58 2.00 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.90 3.04 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.47 2.50 0.00	36.64 2.07 0.00	32.60 1.85 0.00	31.00 1.70 0.00
CE_NYC_DRP 24195	29.10 1.33 0.00	27.03 1.16 0.00	25.28 1.20 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.42 1.25 0.00	35.37 1.72 0.00	36.47 1.93 0.00	31.80 1.69 -0.52	26.64 1.64 -0.22	26.72 1.79 0.00	26.65 1.84 0.00	26.99 1.88 0.00	29.64 2.05 -0.22	32.12 2.41 -0.38	34.62 2.58 0.22	40.90 3.04 -0.74	49.92 3.21 -0.83	50.21 3.08 -0.45	48.32 2.69 -0.11	43.63 2.66 0.00	36.78 2.21 0.00	32.66 1.91 0.00	30.97 1.67 0.00
CHAFFEE___LFGE 323603	27.77 0.00 0.00	26.02 0.16 0.00	24.13 0.05 0.00	22.95 0.14 0.00	22.61 0.16 0.00	27.61 0.43 0.00	33.62 -0.03 0.00	34.05 -0.48 0.00	29.03 -0.56 0.00	24.26 -0.52 0.00	24.48 -0.45 0.00	24.51 -0.30 0.00	24.94 -0.17 0.00	27.17 -0.19 0.00	29.04 -0.29 0.00	30.74 -0.71 0.81	36.40 -0.71 0.00	44.77 -1.10 0.00	45.61 -1.07 0.00	44.62 -0.91 0.00	40.43 -0.53 0.00	33.98 -0.59 0.00	30.60 -0.15 0.00	29.76 0.47 0.00
CHATEAUG_35_KV_LOAD 355732	34.76 0.19 -6.80	33.29 0.16 -7.28	30.90 0.19 -6.63	29.71 0.21 -6.69	30.86 0.25 -8.16	36.50 0.27 -9.06	42.88 0.37 -8.85	44.95 0.41 -10.00	37.57 0.56 -7.41	26.52 0.55 -1.19	26.63 0.52 -1.18	26.95 0.50 -1.65	27.94 0.43 -2.40	29.40 0.44 -1.60	31.17 0.50 -1.35	33.81 0.48 -1.07	37.83 0.71 -0.01	47.03 0.69 -0.46	52.02 0.65 -4.68	51.17 0.68 -4.96	51.23 0.20 -10.06	42.54 0.41 -7.56	38.48 0.37 -7.35	37.09 0.35 -7.45
CHATEAUG_WT_PWR 323614	30.70 0.20 -2.73	28.94 0.16 -2.92	26.91 0.17 -2.66	25.69 0.18 -2.69	25.95 0.22 -3.28	31.06 0.24 -3.64	37.55 0.34 -3.56	38.93 0.38 -4.02	33.11 0.53 -2.98	25.78 0.52 -0.48	25.70 0.30 -0.47	25.77 0.30 -0.66	26.35 0.28 -0.96	28.20 0.19 -0.64	30.19 0.32 -0.54	32.98 0.29 -0.43	37.49 0.37 0.00	46.61 0.55 -0.19	49.07 0.51 -1.88	48.07 0.55 -1.99	45.13 0.12 -4.04	37.98 0.38 -3.03	34.04 0.34 -2.95	32.61 0.32 -2.99
CHAT_HIGH_FALL_HYD 323578	34.76 0.19 -6.80	33.29 0.16 -7.28	30.90 0.19 -6.63	29.71 0.21 -6.69	30.86 0.25 -8.16	36.50 0.27 -9.06	42.88 0.37 -8.85	44.95 0.41 -10.00	37.57 0.56 -7.41	26.52 0.55 -1.19	26.63 0.52 -1.18	26.95 0.50 -1.65	27.94 0.43 -2.40	29.40 0.44 -1.60	31.17 0.50 -1.35	33.81 0.48 -1.07	37.83 0.71 -0.01	47.03 0.69 -0.46	52.02 0.65 -4.68	51.17 0.68 -4.96	51.23 0.20 -10.06	42.54 0.41 -7.56	38.48 0.37 -7.35	37.09 0.35 -7.45
CHAUTAUQUA___LFGE 323629	28.05 0.28 0.00	26.25 0.39 0.00	24.34 0.27 0.00	23.18 0.36 0.00	22.85 0.40 0.00	27.96 0.79 0.00	34.09 0.44 0.00	34.53 0.00 0.00	29.45 -0.15 0.00	24.58 -0.20 0.00	24.82 -0.10 0.00	24.83 0.02 0.00	25.26 0.15 0.00	27.53 0.17 0.00	29.42 0.09 0.00	31.19 -0.26 0.81	36.93 -0.18 0.00	45.50 -0.37 0.00	46.36 -0.32 0.00	45.30 -0.23 0.00	41.05 0.08 0.00	34.47 -0.10 0.00	31.03 0.28 0.00	30.09 0.79 0.00
CHERRYST_13_KV_LD 356241	29.18 1.42 0.00	27.10 1.24 0.00	25.33 1.25 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.50 1.33 0.00	35.48 1.82 0.00	36.57 2.04 0.00	31.92 1.81 -0.52	26.74 1.73 -0.22	26.82 1.89 0.00	26.74 1.94 0.00	27.10 1.98 0.00	29.75 2.16 -0.22	32.23 2.52 -0.38	34.75 2.71 0.22	41.08 3.23 -0.74	50.10 3.39 -0.83	50.40 3.27 -0.45	48.51 2.87 -0.11	43.79 2.83 0.00	36.89 2.32 0.00	32.75 2.00 0.00	31.06 1.76 0.00

CHESTROR_138KV_BK263 355645	28.63 0.86 0.00	26.61 0.75 0.00	24.85 0.77 0.00	23.48 0.66 0.00	23.12 0.67 0.00	27.96 0.79 0.00	34.70 1.04 0.00	35.71 1.17 0.00	31.04 1.01 -0.44	25.94 0.97 -0.19	26.00 1.07 0.00	25.90 1.09 0.00	26.27 1.16 0.00	28.78 1.23 -0.19	31.15 1.50 -0.32	33.60 1.58 0.24	39.60 1.86 -0.63	48.60 2.02 -0.71	49.02 1.96 -0.38	47.35 1.73 -0.09	42.73 1.76 0.00	36.09 1.52 0.00	32.01 1.26 0.00	30.44 1.14 0.00
CH_MIDHUDSON___DRP 24192	28.88 1.11 0.00	26.82 0.96 0.00	25.04 0.96 0.00	23.68 0.87 0.00	23.32 0.88 0.00	28.15 0.98 0.00	34.94 1.28 0.00	35.95 1.42 0.00	31.12 1.18 -0.34	26.07 1.14 -0.15	26.17 1.25 0.00	26.05 1.24 0.00	26.42 1.31 0.00	28.93 1.42 -0.15	31.28 1.70 -0.25	33.63 1.77 0.40	39.71 2.12 -0.49	48.76 2.34 -0.55	49.26 2.29 -0.29	47.65 2.05 -0.07	43.02 2.05 0.00	36.33 1.76 0.00	32.23 1.48 0.00	30.67 1.38 0.00
CH_MISC_IPPS 23765	28.91 1.14 0.00	26.85 0.98 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.18 1.01 0.00	35.01 1.35 0.00	36.02 1.48 0.00	31.20 1.21 -0.40	26.07 1.12 -0.17	26.19 1.27 0.00	26.07 1.26 0.00	26.44 1.33 0.00	28.98 1.45 -0.17	31.41 1.79 -0.29	33.79 1.87 0.34	39.98 2.30 -0.56	49.07 2.57 -0.63	49.54 2.52 -0.34	47.93 2.32 -0.08	43.22 2.25 0.00	36.54 1.97 0.00	32.32 1.57 0.00	30.50 1.20 0.00
CH_RES_BVR_FALLS 23983	26.89 -0.03 0.85	24.95 0.00 0.91	23.25 0.00 0.83	21.98 0.00 0.84	21.45 0.02 1.02	26.04 0.00 1.14	32.55 0.00 1.11	33.28 0.00 1.25	28.70 0.03 0.93	24.66 0.02 0.15	24.78 0.00 0.15	24.60 0.00 0.21	24.81 0.00 0.30	27.14 -0.03 0.20	29.16 0.00 0.17	32.16 0.03 0.13	37.07 -0.04 0.00	45.81 0.00 0.06	46.09 0.00 0.59	44.90 0.00 0.63	39.66 -0.04 1.27	33.58 -0.03 0.95	29.79 -0.03 0.93	28.33 -0.03 0.94
CH_RES_NIAGARA 23895	27.13 -0.64 0.00	25.53 -0.34 0.00	23.67 -0.41 0.00	22.45 -0.37 0.00	22.11 -0.34 0.00	27.50 0.33 0.00	32.61 -1.04 0.00	32.95 -1.59 0.00	28.20 -1.39 0.00	23.54 -1.24 0.00	23.75 -1.17 0.00	23.77 -1.04 0.00	24.16 -0.95 0.00	26.30 -1.07 0.00	28.13 -1.20 0.00	30.07 -1.45 0.74	35.29 -1.82 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.16 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	28.92 -0.38 0.00
CH_RES_SYRACUSE 23985	28.93 -0.08 -1.25	27.15 -0.05 -1.33	25.20 -0.10 -1.21	23.95 -0.09 -1.23	23.86 -0.09 -1.50	28.78 -0.05 -1.66	35.25 -0.03 -1.62	36.26 -0.10 -1.83	30.78 -0.18 -1.36	24.78 -0.22 -0.22	24.89 -0.25 -0.22	24.89 -0.22 -0.30	25.38 -0.17 -0.44	27.52 -0.14 -0.29	29.19 -0.38 -0.25	32.19 -0.45 -0.39	36.85 -0.26 0.00	45.67 -0.27 -0.07	47.20 -0.23 -0.75	46.10 -0.23 -0.80	42.50 -0.08 -1.62	35.64 -0.14 -1.21	31.87 -0.06 -1.18	30.61 0.12 -1.19
CLINTON_WT_PWR 323605	30.70 0.20 -2.73	28.94 0.16 -2.92	26.91 0.17 -2.66	25.69 0.18 -2.69	25.95 0.22 -3.28	31.06 0.24 -3.64	37.55 0.34 -3.56	38.93 0.38 -4.02	33.11 0.53 -2.98	25.78 0.52 -0.48	25.70 0.30 -0.47	25.77 0.30 -0.66	26.35 0.28 -0.96	28.20 0.19 -0.64	30.19 0.32 -0.54	32.98 0.29 -0.43	37.49 0.37 0.00	46.61 0.55 -0.19	49.07 0.51 -1.88	48.07 0.55 -1.99	45.13 0.12 -4.04	37.98 0.38 -3.03	34.04 0.34 -2.95	32.61 0.32 -2.99
CLINTON___LFGE 323618	32.45 0.53 -4.15	30.77 0.47 -4.44	28.61 0.48 -4.05	27.38 0.48 -4.08	27.95 0.52 -4.99	33.35 0.65 -5.53	39.91 0.84 -5.41	41.57 0.93 -6.11	35.18 1.06 -4.52	26.47 0.97 -0.73	26.24 0.60 -0.72	26.41 0.59 -1.00	27.13 0.55 -1.46	28.84 0.49 -0.98	30.83 0.68 -0.82	33.62 0.71 -0.65	38.01 0.89 -0.01	47.49 1.33 -0.28	50.80 1.26 -2.86	49.79 1.23 -3.03	47.80 0.70 -6.14	40.15 0.97 -4.61	36.07 0.83 -4.49	34.60 0.76 -4.54
COBBLENY_34_KV_TB1 80064	27.74 -0.03 0.00	26.07 0.21 0.00	24.17 0.10 0.00	22.91 0.09 0.00	22.56 0.11 0.00	27.66 0.49 0.00	33.59 -0.07 0.00	34.05 -0.48 0.00	29.09 -0.50 0.00	24.24 -0.55 0.00	24.47 -0.45 0.00	24.49 -0.32 0.00	24.89 -0.23 0.00	27.12 -0.25 0.00	29.01 -0.32 0.00	31.00 -0.45 0.81	36.48 -0.63 0.00	44.77 -1.10 0.00	45.61 -1.07 0.00	44.62 -0.91 0.00	40.43 -0.53 0.00	33.98 -0.59 0.00	30.60 -0.15 0.00	29.62 0.32 0.00
COFFEEN___115KV_TB3 355620	40.42 1.22 -11.43	39.23 1.14 -12.23	36.25 1.04 -11.14	35.01 0.96 -11.24	37.07 0.90 -13.72	43.56 1.17 -15.22	50.29 1.75 -14.88	53.00 1.66 -16.81	43.14 1.10 -12.45	27.31 0.52 -2.00	27.30 0.40 -1.98	27.95 0.37 -2.77	29.54 0.40 -4.03	30.55 0.49 -2.69	32.06 0.47 -2.26	34.97 0.61 -2.09	38.10 0.96 -0.02	48.30 1.65 -0.78	56.74 2.24 -7.82	56.40 2.60 -8.28	60.09 2.34 -16.79	49.02 1.83 -12.61	44.60 1.57 -12.27	43.01 1.29 -12.43
COLDSPRG_115KV_BK1 355956	27.99 0.22 0.00	26.33 0.47 0.00	24.39 0.31 0.00	23.14 0.32 0.00	22.81 0.36 0.00	28.07 0.90 0.00	34.53 0.88 0.00	35.19 0.66 0.00	29.98 0.38 0.00	24.98 0.20 0.00	25.22 0.30 0.00	25.26 0.45 0.00	25.66 0.55 0.00	27.94 0.57 0.00	29.92 0.59 0.00	32.04 0.55 0.77	37.56 0.45 0.00	45.92 0.05 0.00	46.82 0.14 0.00	45.76 0.23 0.00	41.34 0.37 0.00	34.64 0.07 0.00	31.18 0.43 0.00	30.06 0.76 0.00
COLONIE_LFGE___ 323577	28.77 1.00 0.00	26.82 0.96 0.00	24.94 0.87 0.00	23.66 0.84 0.00	23.26 0.81 0.00	28.10 0.92 0.00	34.73 1.08 0.00	35.71 1.17 0.00	29.77 0.83 0.66	25.14 0.64 0.28	25.50 0.57 0.00	25.33 0.52 0.00	25.59 0.48 0.00	27.63 0.55 0.28	29.58 0.73 0.48	31.62 0.81 1.45	37.32 1.15 0.94	46.47 1.65 1.05	47.89 1.77 0.57	47.03 1.64 0.14	42.61 1.64 0.00	35.92 1.35 0.00	31.92 1.17 0.00	30.21 0.91 0.00
COOPERNY_115KV_TB1 80082	28.46 0.69 0.00	26.46 0.59 0.00	24.68 0.60 0.00	23.34 0.52 0.00	22.99 0.54 0.00	27.80 0.62 0.00	34.50 0.84 0.00	35.47 0.93 0.00	30.67 0.80 -0.28	25.67 0.77 -0.12	25.77 0.85 0.00	25.68 0.87 0.00	26.02 0.90 0.00	28.47 0.99 -0.12	30.71 1.17 -0.20	33.25 1.26 0.27	38.96 1.45 -0.40	47.93 1.61 -0.45	48.46 1.54 -0.24	46.95 1.37 -0.06	42.36 1.39 0.00	35.75 1.18 0.00	31.77 1.01 0.00	30.18 0.88 0.00
COPENHAGEN_WT_PWR 323753	39.51 0.94 -10.80	38.32 0.90 -11.55	35.34 0.75 -10.52	34.21 0.78 -10.61	36.13 0.72 -12.96	42.50 0.95 -14.37	49.12 1.41 -14.05	51.75 1.35 -15.87	42.21 0.86 -11.76	27.07 0.40 -1.89	27.07 0.27 -1.87	27.64 0.22 -2.61	29.19 0.28 -3.80	30.24 0.33 -2.54	31.73 0.26 -2.14	34.66 0.39 -2.01	37.76 0.63 -0.02	47.80 1.19 -0.73	55.73 1.68 -7.38	55.30 1.96 -7.81	58.57 1.76 -15.84	47.89 1.42 -11.90	43.57 1.23 -11.58	42.11 1.08 -11.72
CORNELL_____ 23752	28.24 0.47 0.00	26.35 0.49 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.81 0.36 0.00	27.72 0.54 0.00	34.37 0.71 0.00	35.19 0.66 0.00	29.98 0.38 0.00	24.90 0.12 0.00	25.02 0.10 0.00	24.91 0.10 0.00	25.26 0.15 0.00	27.58 0.22 0.00	29.51 0.18 0.00	32.25 0.23 0.24	37.59 0.48 0.00	46.65 0.78 0.00	47.66 0.98 0.00	46.53 1.00 0.00	42.03 1.07 0.00	35.33 0.76 0.00	31.49 0.74 0.00	29.97 0.67 0.00

CORONA__69_KV_TB1 355595	29.52 1.75 0.00	27.29 1.42 0.00	25.40 1.32 0.00	23.91 1.10 0.00	23.53 1.08 0.00	28.56 1.39 0.00	35.64 1.99 0.00	36.88 2.35 0.00	31.95 1.83 -0.52	26.76 1.76 -0.22	26.99 2.04 -0.02	26.93 2.11 -0.02	27.26 2.13 -0.02	29.85 2.24 -0.24	32.34 2.61 -0.40	37.57 2.74 -2.57	41.14 3.27 -0.76	50.15 3.44 -0.83	50.58 3.45 -0.45	48.64 3.00 -0.11	43.96 2.99 0.00	38.96 2.63 -1.76	33.11 2.34 -0.02	31.32 2.02 0.00
CORTLAND__115KV_TB3 80093	27.99 0.22 0.00	26.12 0.26 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.47 0.30 0.00	34.03 0.37 0.00	34.85 0.31 0.00	29.74 0.15 0.00	24.78 0.00 0.00	24.90 -0.02 0.00	24.81 0.00 0.00	25.14 0.03 0.00	27.45 0.08 0.00	29.33 0.00 0.00	32.11 0.03 0.18	37.30 0.19 0.00	46.24 0.37 0.00	47.15 0.47 0.00	45.98 0.46 0.00	41.54 0.57 0.00	34.95 0.38 0.00	31.15 0.40 0.00	29.71 0.41 0.00
COXSACKIE__GT 23611	29.10 1.33 0.00	27.00 1.14 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.50 1.06 0.00	28.34 1.17 0.00	35.07 1.41 0.00	35.88 1.35 0.00	30.37 0.95 0.17	25.23 0.52 0.07	25.10 0.18 0.00	24.91 0.10 0.00	25.26 0.15 0.00	27.70 0.41 0.07	29.82 0.62 0.12	32.07 0.77 0.96	37.98 1.11 0.24	47.80 2.20 0.27	49.05 2.52 0.15	48.18 2.69 0.04	43.01 2.05 0.00	36.47 1.90 0.00	32.26 1.51 0.00	30.85 1.55 0.00
CPV__VALLEY__CC1 323721	28.41 0.64 0.00	26.41 0.54 0.00	24.66 0.58 0.00	23.30 0.48 0.00	22.94 0.49 0.00	27.74 0.57 0.00	34.43 0.77 0.00	35.43 0.90 0.00	30.75 0.77 -0.39	25.69 0.74 -0.17	25.82 0.90 0.00	25.73 0.92 0.00	26.04 0.93 0.00	28.57 1.04 -0.17	30.90 1.29 -0.29	33.36 1.35 0.25	39.30 1.63 -0.56	48.20 1.70 -0.63	48.65 1.63 -0.34	47.02 1.41 -0.08	42.40 1.43 0.00	35.81 1.24 0.00	31.77 1.01 0.00	29.97 0.67 0.00
CPV__VALLEY__CC2 323722	28.41 0.64 0.00	26.41 0.54 0.00	24.66 0.58 0.00	23.30 0.48 0.00	22.94 0.49 0.00	27.74 0.57 0.00	34.43 0.77 0.00	35.43 0.90 0.00	30.75 0.77 -0.39	25.69 0.74 -0.17	25.82 0.90 0.00	25.73 0.92 0.00	26.04 0.93 0.00	28.57 1.04 -0.17	30.90 1.29 -0.29	33.36 1.35 0.25	39.30 1.63 -0.56	48.20 1.70 -0.63	48.65 1.63 -0.34	47.02 1.41 -0.08	42.40 1.43 0.00	35.81 1.24 0.00	31.77 1.01 0.00	29.97 0.67 0.00
CRESCENT__HYD 24018	28.77 1.00 0.00	26.82 0.96 0.00	24.94 0.87 0.00	23.66 0.84 0.00	23.26 0.81 0.00	28.10 0.92 0.00	34.73 1.08 0.00	35.71 1.17 0.00	29.77 0.83 0.66	25.14 0.64 0.28	25.50 0.57 0.00	25.33 0.52 0.00	25.59 0.48 0.00	27.63 0.55 0.28	29.58 0.73 0.48	31.62 0.81 1.45	37.32 1.15 0.94	46.47 1.65 1.05	47.89 1.77 0.57	47.03 1.64 0.14	42.61 1.64 0.00	35.92 1.35 0.00	31.92 1.17 0.00	30.21 0.91 0.00
CRICKET__VALLEY_CC1 323756	28.49 0.72 0.00	26.53 0.67 0.00	24.73 0.65 0.00	23.41 0.59 0.00	23.01 0.56 0.00	27.77 0.60 0.00	34.40 0.74 0.00	35.43 0.90 0.00	22.51 0.74 7.82	22.18 0.74 3.34	25.87 0.95 0.00	25.75 0.94 0.00	26.04 0.93 0.00	25.05 1.01 3.33	24.90 1.29 5.72	25.60 1.32 7.98	27.61 1.67 11.17	35.06 1.70 12.51	41.54 1.59 6.73	45.21 1.32 1.64	42.40 1.43 0.00	35.81 1.24 0.00	31.74 0.98 0.00	29.88 0.59 0.00
CRICKET__VALLEY_CC2 323757	28.49 0.72 0.00	26.53 0.67 0.00	24.73 0.65 0.00	23.41 0.59 0.00	23.01 0.56 0.00	27.77 0.60 0.00	34.40 0.74 0.00	35.43 0.90 0.00	22.51 0.74 7.82	22.18 0.74 3.34	25.87 0.95 0.00	25.75 0.94 0.00	26.04 0.93 0.00	25.05 1.01 3.33	24.90 1.29 5.72	25.60 1.32 7.98	27.61 1.67 11.17	35.06 1.70 12.51	41.54 1.59 6.73	45.21 1.32 1.64	42.40 1.43 0.00	35.81 1.24 0.00	31.74 0.98 0.00	29.88 0.59 0.00
CRICKET__VALLEY_CC3 323758	28.49 0.72 0.00	26.53 0.67 0.00	24.73 0.65 0.00	23.41 0.59 0.00	23.01 0.56 0.00	27.77 0.60 0.00	34.40 0.74 0.00	35.43 0.90 0.00	22.51 0.74 7.82	22.18 0.74 3.34	25.87 0.95 0.00	25.75 0.94 0.00	26.04 0.93 0.00	25.05 1.01 3.33	24.90 1.29 5.72	25.60 1.32 7.98	27.61 1.67 11.17	35.06 1.70 12.51	41.54 1.59 6.73	45.21 1.32 1.64	42.40 1.43 0.00	35.81 1.24 0.00	31.74 0.98 0.00	29.88 0.59 0.00
CRUCIBLE__METL_DRP 24180	28.88 -0.14 -1.25	27.09 -0.10 -1.33	25.15 -0.14 -1.21	23.91 -0.14 -1.23	23.81 -0.13 -1.50	28.75 -0.08 -1.66	35.18 -0.10 -1.62	36.20 -0.17 -1.83	30.72 -0.24 -1.36	24.73 -0.27 -0.22	24.84 -0.30 -0.22	24.86 -0.25 -0.30	25.30 -0.25 -0.44	27.44 -0.22 -0.29	29.20 -0.38 -0.25	32.26 -0.39 -0.39	36.82 -0.30 0.00	45.67 -0.28 -0.07	47.20 -0.23 -0.75	46.10 -0.23 -0.80	42.50 -0.08 -1.62	35.64 -0.14 -1.21	31.87 -0.06 -1.18	30.43 -0.06 -1.19
DAHOWA__HYDRO 323763	29.49 1.72 0.00	27.49 1.63 0.00	25.60 1.52 0.00	24.28 1.46 0.00	23.89 1.44 0.00	28.91 1.74 0.00	35.61 1.95 0.00	36.64 2.11 0.00	30.36 1.33 0.57	25.31 0.77 0.24	25.52 0.60 0.00	25.33 0.52 0.00	25.51 0.40 0.00	27.62 0.49 0.24	29.62 0.70 0.41	31.82 0.94 1.37	37.79 1.49 0.81	47.58 2.61 0.91	49.22 3.03 0.49	48.51 3.10 0.12	43.83 2.87 0.00	36.85 2.28 0.00	32.75 2.00 0.00	31.03 1.73 0.00
DANC__LFGE 323619	35.52 0.44 -7.31	34.10 0.41 -7.82	31.51 0.31 -7.12	30.34 0.34 -7.19	31.54 0.31 -8.77	37.34 0.43 -9.73	43.88 0.71 -9.51	45.94 0.65 -10.75	37.91 0.36 -7.96	26.11 0.05 -1.28	26.17 -0.02 -1.27	26.50 -0.07 -1.77	27.66 -0.03 -2.58	29.11 0.03 -1.72	30.66 -0.12 -1.45	33.73 -0.10 -1.57	37.20 0.07 -0.01	46.73 0.37 -0.49	52.29 0.65 -4.96	51.64 0.86 -5.25	52.43 0.82 -10.65	43.22 0.66 -8.00	39.12 0.58 -7.78	37.76 0.59 -7.88
DANSKAMMER__1 23586	28.91 1.14 0.00	26.85 0.98 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.18 1.01 0.00	35.01 1.35 0.00	36.02 1.48 0.00	31.20 1.21 -0.40	26.07 1.12 -0.17	26.19 1.27 0.00	26.07 1.26 0.00	26.44 1.33 0.00	28.98 1.45 -0.17	31.41 1.79 -0.29	33.79 1.87 0.34	39.98 2.30 -0.56	49.07 2.57 -0.63	49.54 2.52 -0.34	47.93 2.32 -0.08	43.22 2.25 0.00	36.54 1.97 0.00	32.32 1.57 0.00	30.50 1.20 0.00
DANSKAMMER__2 23589	28.91 1.14 0.00	26.85 0.98 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.18 1.01 0.00	35.01 1.35 0.00	36.02 1.48 0.00	31.20 1.21 -0.40	26.07 1.12 -0.17	26.19 1.27 0.00	26.07 1.26 0.00	26.44 1.33 0.00	28.98 1.45 -0.17	31.41 1.79 -0.29	33.79 1.87 0.34	39.98 2.30 -0.56	49.07 2.57 -0.63	49.54 2.52 -0.34	47.93 2.32 -0.08	43.22 2.25 0.00	36.54 1.97 0.00	32.32 1.57 0.00	30.50 1.20 0.00
DANSKAMMER__3 23590	28.91 1.14 0.00	26.85 0.98 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.18 1.01 0.00	35.01 1.35 0.00	36.02 1.48 0.00	31.20 1.21 -0.40	26.07 1.12 -0.17	26.19 1.27 0.00	26.07 1.26 0.00	26.44 1.33 0.00	28.98 1.45 -0.17	31.41 1.79 -0.29	33.79 1.87 0.34	39.98 2.30 -0.56	49.07 2.57 -0.63	49.54 2.52 -0.34	47.93 2.32 -0.08	43.22 2.25 0.00	36.54 1.97 0.00	32.32 1.57 0.00	30.50 1.20 0.00

DANSKAMMER___4 23591	28.91 1.14 0.00	26.85 0.98 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.18 1.01 0.00	35.01 1.35 0.00	36.02 1.48 0.00	31.20 1.21 -0.40	26.07 1.12 -0.17	26.19 1.27 0.00	26.07 1.26 0.00	26.44 1.33 0.00	28.98 1.45 -0.17	31.41 1.79 -0.29	33.79 1.87 0.34	39.98 2.30 -0.56	49.07 2.57 -0.63	49.54 2.52 -0.34	47.93 2.32 -0.08	43.22 2.25 0.00	36.54 1.97 0.00	32.32 1.57 0.00	30.50 1.20 0.00
DANSKAMMER___DIESEL 23592	28.99 1.22 0.00	26.90 1.03 0.00	25.11 1.04 0.00	23.73 0.91 0.00	23.39 0.94 0.00	28.23 1.06 0.00	35.07 1.41 0.00	36.09 1.55 0.00	31.29 1.30 -0.40	26.16 1.21 -0.17	26.22 1.30 0.00	26.12 1.31 0.00	26.49 1.38 0.00	29.04 1.51 -0.17	31.41 1.79 -0.29	33.79 1.87 0.34	39.90 2.23 -0.56	49.08 2.57 -0.63	49.54 2.52 -0.34	47.93 2.32 -0.08	43.22 2.25 0.00	36.54 1.97 0.00	32.35 1.60 0.00	30.79 1.49 0.00
DARBY___SOLAR 323810	29.32 1.55 0.00	27.34 1.47 0.00	25.47 1.40 0.00	24.14 1.32 0.00	23.75 1.30 0.00	28.75 1.58 0.00	35.41 1.75 0.00	36.43 1.90 0.00	30.23 1.21 0.58	25.25 0.72 0.25	25.47 0.55 0.00	25.28 0.47 0.00	25.46 0.35 0.00	27.55 0.44 0.25	29.55 0.64 0.43	31.71 0.84 1.38	37.65 1.37 0.83	47.33 2.38 0.93	48.98 2.80 0.50	48.23 2.82 0.12	43.59 2.62 0.00	36.64 2.07 0.00	32.57 1.81 0.00	30.85 1.55 0.00
DASHVILLE___HYD 23610	28.82 1.06 0.00	26.74 0.88 0.00	24.99 0.91 0.00	23.61 0.80 0.00	23.26 0.81 0.00	28.04 0.87 0.00	34.84 1.18 0.00	35.81 1.28 0.00	31.09 1.27 -0.22	26.09 1.21 -0.10	26.00 1.07 0.00	25.93 1.12 0.00	26.29 1.18 0.00	28.97 1.51 -0.10	31.28 1.79 -0.16	33.58 1.84 0.52	39.62 2.19 -0.32	48.76 2.52 -0.36	49.30 2.43 -0.19	47.85 2.28 -0.05	42.81 1.84 0.00	36.23 1.66 0.00	32.14 1.38 0.00	30.62 1.32 0.00
DELAWARE___LFGE 323621	28.41 0.64 0.00	26.46 0.59 0.00	24.63 0.55 0.00	23.32 0.50 0.00	22.94 0.49 0.00	27.80 0.62 0.00	34.47 0.81 0.00	35.36 0.83 0.00	30.19 0.59 0.00	25.20 0.42 0.00	25.37 0.45 0.00	25.23 0.42 0.00	25.59 0.48 0.00	27.91 0.55 0.00	29.95 0.62 0.00	32.50 0.68 0.44	37.96 0.85 0.00	46.97 1.10 0.00	47.85 1.17 0.00	46.71 1.18 0.00	42.20 1.23 0.00	35.54 0.97 0.00	31.58 0.83 0.00	30.06 0.76 0.00
DERFIELD_115KV_TB7 355931	29.01 0.19 -1.05	27.17 0.18 -1.12	25.27 0.17 -1.02	24.01 0.16 -1.03	23.87 0.16 -1.26	28.74 0.16 -1.40	35.26 0.24 -1.37	36.32 0.24 -1.55	30.92 0.18 -1.14	25.09 0.12 -0.18	25.23 0.12 -0.18	25.19 0.12 -0.25	25.61 0.13 -0.37	27.75 0.14 -0.25	29.71 0.18 -0.21	32.65 0.23 -0.17	37.30 0.19 0.00	46.17 0.23 -0.07	47.68 0.28 -0.72	46.52 0.23 -0.76	42.79 0.29 -1.54	35.93 0.21 -1.16	32.06 0.18 -1.13	30.58 0.15 -1.14
DOGLEVILLE___HYD 23807	29.29 0.47 -1.05	27.43 0.44 -1.12	25.51 0.41 -1.02	24.24 0.39 -1.03	24.09 0.38 -1.26	29.03 0.46 -1.40	35.70 0.67 -1.37	36.70 0.62 -1.55	31.21 0.47 -1.14	25.29 0.32 -0.18	25.43 0.32 -0.18	25.39 0.32 -0.25	25.83 0.35 -0.37	28.00 0.38 -0.25	29.98 0.44 -0.21	32.97 0.55 -0.17	37.63 0.52 0.00	46.59 0.64 -0.07	48.10 0.70 -0.72	47.02 0.73 -0.76	43.24 0.74 -1.54	36.35 0.62 -1.16	32.43 0.55 -1.13	30.93 0.50 -1.14
DUNKIRK___115KV_TB_200 55889	27.96 0.19 0.00	26.28 0.41 0.00	24.37 0.29 0.00	23.11 0.30 0.00	22.79 0.34 0.00	27.96 0.79 0.00	33.96 0.30 0.00	34.47 -0.07 0.00	29.42 -0.18 0.00	24.51 -0.27 0.00	24.75 -0.17 0.00	24.76 -0.05 0.00	25.16 0.05 0.00	27.42 0.05 0.00	29.33 0.00 0.00	31.35 -0.10 0.81	36.89 -0.22 0.00	45.37 -0.50 0.00	46.26 -0.42 0.00	45.26 -0.27 0.00	40.97 0.00 0.00	34.40 -0.17 0.00	30.97 0.22 0.00	29.94 0.64 0.00
DUNKIRK___1 23563	27.96 0.19 0.00	26.28 0.41 0.00	24.37 0.29 0.00	23.11 0.30 0.00	22.79 0.34 0.00	27.96 0.79 0.00	33.96 0.30 0.00	34.47 -0.07 0.00	29.42 -0.18 0.00	24.51 -0.27 0.00	24.75 -0.17 0.00	24.76 -0.05 0.00	25.16 0.05 0.00	27.42 0.05 0.00	29.33 0.00 0.00	31.35 -0.10 0.81	36.89 -0.22 0.00	45.37 -0.50 0.00	46.26 -0.42 0.00	45.26 -0.27 0.00	40.97 0.00 0.00	34.40 -0.17 0.00	30.97 0.22 0.00	29.94 0.64 0.00
DUNKIRK___2 23564	27.96 0.19 0.00	26.28 0.41 0.00	24.37 0.29 0.00	23.11 0.30 0.00	22.79 0.34 0.00	27.96 0.79 0.00	33.96 0.30 0.00	34.47 -0.07 0.00	29.42 -0.18 0.00	24.51 -0.27 0.00	24.75 -0.17 0.00	24.76 -0.05 0.00	25.16 0.05 0.00	27.42 0.05 0.00	29.33 0.00 0.00	31.35 -0.10 0.81	36.89 -0.22 0.00	45.37 -0.50 0.00	46.26 -0.42 0.00	45.26 -0.27 0.00	40.97 0.00 0.00	34.40 -0.17 0.00	30.97 0.22 0.00	29.94 0.64 0.00
DUNKIRK___3 23565	27.80 0.03 0.00	26.15 0.28 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.65 0.20 0.00	27.80 0.62 0.00	33.73 0.07 0.00	34.22 -0.31 0.00	29.21 -0.38 0.00	24.36 -0.42 0.00	24.57 -0.35 0.00	24.59 -0.22 0.00	24.99 -0.13 0.00	27.23 -0.14 0.00	29.12 -0.21 0.00	31.12 -0.32 0.82	36.63 -0.48 0.00	45.05 -0.83 0.00	45.89 -0.79 0.00	44.89 -0.64 0.00	40.68 -0.29 0.00	34.16 -0.41 0.00	30.75 0.00 0.00	29.74 0.44 0.00
DUNKIRK___4 23566	27.80 0.03 0.00	26.15 0.28 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.65 0.20 0.00	27.80 0.62 0.00	33.73 0.07 0.00	34.22 -0.31 0.00	29.21 -0.38 0.00	24.36 -0.42 0.00	24.57 -0.35 0.00	24.59 -0.22 0.00	24.99 -0.13 0.00	27.23 -0.14 0.00	29.12 -0.21 0.00	31.12 -0.32 0.82	36.63 -0.48 0.00	45.05 -0.83 0.00	45.89 -0.79 0.00	44.89 -0.64 0.00	40.68 -0.29 0.00	34.16 -0.41 0.00	30.75 0.00 0.00	29.74 0.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.93 1.17 0.00	26.90 1.03 0.00	25.14 1.06 0.00	23.73 0.91 0.00	23.37 0.92 0.00	28.26 1.09 0.00	35.17 1.51 0.00	36.26 1.73 0.00	31.63 1.51 -0.52	26.47 1.46 -0.22	26.54 1.62 0.00	26.45 1.64 0.00	26.79 1.68 0.00	29.42 1.83 -0.22	31.88 2.17 -0.38	34.33 2.29 0.22	40.56 2.71 -0.74	49.60 2.89 -0.83	49.93 2.80 -0.45	48.10 2.46 -0.11	43.38 2.42 0.00	36.61 2.04 0.00	32.45 1.69 0.00	30.79 1.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.77 1.00 0.00	26.72 0.85 0.00	24.95 0.87 0.00	23.57 0.75 0.00	23.21 0.76 0.00	28.07 0.90 0.00	34.84 1.18 0.00	35.85 1.31 0.00	31.14 1.12 -0.42	26.02 1.07 -0.18	26.10 1.17 0.00	26.00 1.19 0.00	26.37 1.26 0.00	28.91 1.37 -0.18	31.25 1.61 -0.31	33.68 1.71 0.29	39.71 2.00 -0.60	48.79 2.25 -0.67	49.23 2.19 -0.36	47.57 1.96 -0.09	42.89 1.93 0.00	36.26 1.69 0.00	32.14 1.38 0.00	30.56 1.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.28 1.50 -0.01	27.19 1.32 -0.01	25.43 1.35 0.00	24.00 1.19 0.00	23.64 1.19 0.00	28.37 1.20 0.00	35.11 1.45 0.00	36.12 1.59 0.00	31.54 1.42 -0.52	26.49 1.49 -0.22	26.54 1.62 0.00	26.47 1.66 0.00	26.84 1.73 0.00	29.47 1.89 -0.22	31.91 2.20 -0.38	34.39 2.35 0.22	40.71 2.86 -0.74	49.60 2.89 -0.83	49.83 2.71 -0.45	47.92 2.28 -0.11	43.30 2.34 0.00	36.47 1.90 0.00	32.60 1.85 0.00	31.08 1.79 0.00

E179THST_13_KV_LOAD 356214	29.39 1.61 -0.01	27.29 1.42 -0.01	25.52 1.44 0.00	24.09 1.28 0.00	23.73 1.28 0.00	28.48 1.30 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.69 1.57 -0.52	26.61 1.61 -0.22	26.67 1.74 0.00	26.60 1.79 0.00	26.97 1.86 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.59 2.55 0.22	40.93 3.08 -0.74	49.87 3.17 -0.83	50.12 2.99 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.75 2.00 0.00	31.23 1.93 0.00
EAST HAMPTON___GT 23717	30.38 2.61 0.00	27.91 2.04 0.00	25.79 1.71 0.00	24.07 1.25 0.00	23.55 1.10 0.00	28.69 1.52 0.00	35.64 1.99 0.00	37.02 2.49 0.00	31.77 1.66 -0.52	26.69 1.69 -0.22	27.43 2.49 -0.01	27.42 2.60 -0.01	27.63 2.51 -0.01	30.42 2.82 -0.23	33.00 3.28 -0.39	37.24 3.64 -1.34	42.24 4.38 -0.75	51.48 4.77 -0.83	52.04 4.90 -0.46	49.60 3.96 -0.11	44.87 3.89 -0.01	39.29 3.73 -0.99	33.87 3.10 -0.01	31.70 2.40 0.00
EAST RIVER___6 23660	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.40 1.22 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.72 1.80 0.00	26.69 1.88 0.00	27.00 1.88 0.00	29.67 2.08 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	50.05 3.35 -0.83	50.35 3.22 -0.45	48.51 2.87 -0.11	43.79 2.82 0.00	36.89 2.32 0.00	32.69 1.94 0.00	30.73 1.44 0.00
EAST RIVER___7 23524	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.40 1.22 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.72 1.80 0.00	26.69 1.88 0.00	27.00 1.88 0.00	29.67 2.08 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	50.05 3.35 -0.83	50.35 3.22 -0.45	48.51 2.87 -0.11	43.79 2.82 0.00	36.89 2.32 0.00	32.69 1.94 0.00	30.73 1.44 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.91 1.14 0.00	26.87 1.01 0.00	25.09 1.01 0.00	23.71 0.89 0.00	23.35 0.90 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.54 1.42 -0.52	26.39 1.39 -0.22	26.47 1.55 0.00	26.37 1.56 0.00	26.72 1.61 0.00	29.34 1.75 -0.22	31.79 2.08 -0.38	34.23 2.19 0.22	40.45 2.60 -0.74	49.46 2.75 -0.83	49.79 2.66 -0.45	47.96 2.32 -0.11	43.26 2.29 0.00	36.51 1.94 0.00	32.38 1.63 0.00	30.73 1.44 0.00
EAST_HAMPTON___DIESEL 23722	30.38 2.61 0.00	27.91 2.04 0.00	25.76 1.68 0.00	24.05 1.23 0.00	23.53 1.08 0.00	28.67 1.49 0.00	35.61 1.95 0.00	36.95 2.42 0.00	31.74 1.63 -0.52	26.66 1.66 -0.22	27.40 2.47 -0.01	27.40 2.58 -0.01	27.61 2.49 -0.01	30.39 2.79 -0.23	32.98 3.26 -0.39	37.21 3.61 -1.34	42.20 4.34 -0.75	51.43 4.73 -0.83	51.99 4.85 -0.46	49.55 3.92 -0.11	44.83 3.85 -0.01	39.26 3.70 -0.99	33.84 3.08 -0.01	31.70 2.40 0.00
EAST_POINT___SOLAR 323840	29.52 1.75 0.00	27.52 1.66 0.00	25.67 1.59 0.00	24.32 1.51 0.00	23.95 1.50 0.00	29.13 1.96 0.00	36.01 2.36 0.00	36.26 1.73 0.00	29.36 0.06 0.30	23.93 -0.72 0.13	23.95 -0.97 0.00	23.74 -1.07 0.00	24.01 -1.10 0.00	26.09 -1.15 0.13	28.00 -1.11 0.22	30.22 -0.97 1.08	36.16 -0.52 0.43	46.40 1.01 0.48	49.45 3.03 0.26	49.24 3.78 0.06	44.37 3.40 0.00	37.23 2.66 0.00	33.06 2.31 0.00	31.26 1.96 0.00
EAST_PULASKI___ESR 323781	31.63 -0.03 -3.89	30.00 -0.03 -4.16	27.79 -0.07 -3.79	26.59 -0.05 -3.82	27.05 -0.07 -4.67	32.35 0.00 -5.18	38.79 0.07 -5.06	40.25 0.00 -5.72	33.68 -0.15 -4.23	25.21 -0.25 -0.68	25.30 -0.30 -0.67	25.45 -0.30 -0.94	26.21 -0.28 -1.37	28.03 -0.25 -0.92	29.63 -0.47 -0.77	33.19 -0.52 -1.45	36.75 -0.37 -0.01	45.76 -0.37 -0.26	49.08 -4.85 -2.58	48.18 3.92 -2.74	46.52 0.00 -5.55	38.67 -0.07 -4.17	34.81 0.00 -4.06	33.52 0.12 -4.11
EAST_RIVER___1 323558	29.02 1.25 0.00	26.95 1.09 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.46 1.01 0.00	28.37 1.19 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.54 1.54 -0.22	26.69 1.77 0.00	26.65 1.84 0.00	26.94 1.83 0.00	29.61 2.02 -0.22	32.12 2.41 -0.38	34.62 2.58 0.22	40.97 3.12 -0.74	49.92 3.21 -0.83	50.21 3.08 -0.45	48.32 2.69 -0.11	43.63 2.66 0.00	36.78 2.21 0.00	32.63 1.88 0.00	30.67 1.38 0.00
EAST_RIVER___2 323559	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.40 1.22 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.72 1.80 0.00	26.69 1.88 0.00	27.00 1.88 0.00	29.67 2.08 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	50.05 3.35 -0.83	50.35 3.22 -0.45	48.51 2.87 -0.11	43.79 2.82 0.00	36.89 2.32 0.00	32.69 1.94 0.00	30.73 1.44 0.00
EAST___DELAWARE_HYD 23607	29.05 1.28 0.00	26.95 1.09 0.00	25.19 1.11 0.00	23.77 0.96 0.00	23.44 0.99 0.00	28.31 1.14 0.00	35.17 1.52 0.00	36.12 1.59 0.00	31.18 1.30 -0.28	25.99 1.09 -0.12	26.14 1.22 0.00	26.02 1.22 0.00	26.42 1.30 0.00	28.91 1.42 -0.12	31.26 1.73 -0.20	33.75 1.87 0.38	39.77 2.26 -0.40	49.03 2.71 -0.45	49.63 2.71 -0.24	48.18 2.59 -0.06	43.42 2.46 0.00	36.75 2.18 0.00	32.51 1.75 0.00	30.70 1.41 0.00
EIGHT_POINT___WT_PWR 323820	28.32 0.56 0.00	26.48 0.62 0.00	24.56 0.48 0.00	23.36 0.55 0.00	23.03 0.58 0.00	28.12 0.95 0.00	34.60 0.94 0.00	35.16 0.62 0.00	29.77 0.18 0.00	24.68 -0.10 0.00	24.82 -0.10 0.00	24.78 -0.02 0.00	25.19 0.08 0.00	27.53 0.17 0.00	29.39 0.06 0.00	31.55 -0.10 0.61	37.26 0.15 0.00	46.15 0.28 0.00	47.24 0.56 0.00	46.30 0.77 0.00	41.95 0.98 0.00	35.19 0.62 0.00	31.55 0.80 0.00	30.38 1.08 0.00
ELBRIDGE_115KV_TB2 80188	28.67 -0.22 -1.13	26.89 -0.18 -1.21	24.96 -0.22 -1.10	23.72 -0.21 -1.11	23.60 -0.20 -1.35	28.51 -0.16 -1.50	34.92 -0.20 -1.47	35.91 -0.28 -1.66	30.50 -0.33 -1.23	24.61 -0.37 -0.20	24.75 -0.37 -0.20	24.73 -0.35 -0.27	25.18 -0.33 -0.40	27.33 -0.30 -0.27	29.08 -0.47 -0.22	32.17 -0.52 -0.42	36.70 -0.41 0.00	45.53 -0.41 -0.07	46.98 -0.37 -0.67	45.88 -0.36 -0.71	42.20 -0.20 -1.44	35.41 -0.24 -1.08	31.65 -0.15 -1.05	30.21 -0.15 -1.06
ELEC_TRO_TEK 24086	29.35 1.58 0.00	27.13 1.27 0.00	25.26 1.18 0.00	23.80 0.98 0.00	23.39 0.94 0.00	28.40 1.22 0.00	35.44 1.78 0.00	36.68 2.14 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.81 1.87 -0.02	26.76 1.94 -0.02	27.09 1.96 -0.02	29.66 2.05 -0.24	32.10 2.38 -0.40	37.31 2.52 -2.53	40.84 2.97 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.23 2.60 -0.11	43.63 2.66 0.00	38.70 2.39 -1.74	32.89 2.12 -0.02	31.11 1.82 0.00
ELLENBURG_WT_PWR 323604	30.70 0.20 -2.73	28.94 0.16 -2.92	26.91 0.17 -2.66	25.69 0.18 -2.69	25.95 0.22 -3.28	31.06 0.24 -3.64	37.55 0.34 -3.56	38.93 0.38 -4.02	33.11 0.53 -2.98	25.78 0.52 -0.48	25.70 0.30 -0.47	25.77 0.30 -0.66	26.35 0.28 -0.96	28.20 0.19 -0.64	30.19 0.32 -0.54	32.98 0.29 -0.43	37.49 0.37 0.00	46.61 0.55 -0.19	49.07 0.51 -1.88	48.07 0.55 -1.99	45.13 0.12 -4.04	37.98 0.38 -3.03	34.04 0.34 -2.95	32.61 0.32 -2.99

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.68 -0.08 0.00	26.04 0.18 0.00	24.15 0.07 0.00	22.91 0.09 0.00	22.56 0.11 0.00	27.63 0.46 0.00	33.42 -0.24 0.00	33.84 -0.69 0.00	28.94 -0.65 0.00	24.11 -0.67 0.00	24.35 -0.57 0.00	24.36 -0.45 0.00	24.76 -0.35 0.00	26.95 -0.41 0.00	28.86 -0.47 0.00	30.90 -0.65 0.71	36.26 -0.85 0.00	44.45 -1.42 0.00	45.28 -1.40 0.00	44.35 -1.18 0.00	40.23 -0.74 0.00	33.81 -0.76 0.00	30.48 -0.28 0.00	29.56 0.26 0.00
EMPIRE_CC_1 323656	28.32 0.56 0.00	26.38 0.52 0.00	24.53 0.46 0.00	23.27 0.46 0.00	22.87 0.43 0.00	27.58 0.41 0.00	34.06 0.41 0.00	35.02 0.48 0.00	29.23 0.33 0.69	24.81 0.32 0.30	25.25 0.32 0.00	25.08 0.27 0.00	25.36 0.25 0.00	27.34 0.27 0.29	29.24 0.41 0.50	31.20 0.39 1.45	36.68 0.56 0.99	45.46 0.69 1.11	46.74 0.65 0.59	45.93 0.55 0.14	41.66 0.70 0.00	35.19 0.62 0.00	31.28 0.52 0.00	29.65 0.35 0.00
EMPIRE_CC_2 323658	28.32 0.56 0.00	26.38 0.52 0.00	24.53 0.46 0.00	23.27 0.46 0.00	22.87 0.43 0.00	27.58 0.41 0.00	34.06 0.41 0.00	35.02 0.48 0.00	29.23 0.33 0.69	24.81 0.32 0.30	25.25 0.32 0.00	25.08 0.27 0.00	25.36 0.25 0.00	27.34 0.27 0.29	29.24 0.41 0.50	31.20 0.39 1.45	36.68 0.56 0.99	45.46 0.69 1.11	46.74 0.65 0.59	45.93 0.55 0.14	41.66 0.70 0.00	35.19 0.62 0.00	31.28 0.52 0.00	29.65 0.35 0.00
ENORWICH_115KV_TB1 80156	29.54 1.78 0.00	27.54 1.68 0.00	25.57 1.49 0.00	24.21 1.39 0.00	23.80 1.35 0.00	28.94 1.77 0.00	36.05 2.39 0.00	36.85 2.31 0.00	31.22 1.63 0.00	25.67 0.89 0.00	25.72 0.80 0.00	25.53 0.72 0.00	25.92 0.80 0.00	28.35 0.99 0.00	30.39 1.06 0.00	33.26 1.32 0.33	38.97 1.86 0.00	48.67 2.80 0.00	49.99 3.31 0.00	49.08 3.55 0.00	44.29 3.32 0.00	37.13 2.56 0.00	33.00 2.25 0.00	31.29 1.99 0.00
ERIE_ST__34_KV_TB1-2 80199	27.55 -0.22 0.00	25.92 0.05 0.00	24.03 -0.05 0.00	22.77 -0.05 0.00	22.45 0.00 0.00	27.50 0.33 0.00	33.42 -0.24 0.00	33.91 -0.62 0.00	28.94 -0.65 0.00	24.14 -0.64 0.00	24.38 -0.55 0.00	24.39 -0.42 0.00	24.79 -0.33 0.00	27.01 -0.36 0.00	28.92 -0.41 0.00	30.89 -0.55 0.82	36.33 -0.78 0.00	44.63 -1.24 0.00	45.47 -1.21 0.00	44.48 -1.05 0.00	40.27 -0.70 0.00	33.81 -0.76 0.00	30.48 -0.28 0.00	29.47 0.18 0.00
ERIE_WT_PWR 323693	27.82 0.06 0.00	26.05 0.18 0.00	24.18 0.10 0.00	23.00 0.18 0.00	22.65 0.20 0.00	27.63 0.46 0.00	33.62 -0.03 0.00	34.02 -0.52 0.00	29.00 -0.59 0.00	24.24 -0.55 0.00	24.48 -0.45 0.00	24.49 -0.32 0.00	24.91 -0.20 0.00	27.15 -0.22 0.00	28.98 -0.35 0.00	30.82 -0.74 0.70	36.37 -0.74 0.00	44.68 -1.19 0.00	45.51 -1.17 0.00	44.53 -1.00 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.79 0.50 0.00
ESPRGFLD_115KV_TB1 80157	28.93 1.17 0.00	26.98 1.11 0.00	25.11 1.04 0.00	23.77 0.96 0.00	23.41 0.97 0.00	28.45 1.28 0.00	35.27 1.62 0.00	36.02 1.48 0.00	30.21 0.80 0.18	25.02 0.32 0.08	25.15 0.22 0.00	24.98 0.17 0.00	25.31 0.20 0.00	27.56 0.27 0.08	29.55 0.35 0.13	31.92 0.52 0.85	37.74 0.89 0.26	47.28 1.70 0.29	48.85 2.33 0.16	47.99 2.50 0.04	43.30 2.34 0.00	36.37 1.80 0.00	32.32 1.57 0.00	30.70 1.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.21 0.44 0.00	26.30 0.44 0.00	24.42 0.34 0.00	23.14 0.32 0.00	22.79 0.34 0.00	27.69 0.52 0.00	34.33 0.67 0.00	35.12 0.59 0.00	29.92 0.33 0.00	24.88 0.10 0.00	24.97 0.05 0.00	24.88 0.07 0.00	25.21 0.10 0.00	27.56 0.19 0.00	29.45 0.12 0.00	32.24 0.19 0.22	37.52 0.41 0.00	46.56 0.69 0.00	47.57 0.89 0.00	46.44 0.91 0.00	41.95 0.98 0.00	35.26 0.69 0.00	31.43 0.68 0.00	29.91 0.62 0.00
ETNA____115KV_TB2 80207	28.21 0.44 0.00	26.30 0.44 0.00	24.42 0.34 0.00	23.14 0.32 0.00	22.79 0.34 0.00	27.69 0.52 0.00	34.33 0.67 0.00	35.12 0.59 0.00	29.92 0.33 0.00	24.88 0.10 0.00	24.97 0.05 0.00	24.88 0.07 0.00	25.21 0.10 0.00	27.56 0.19 0.00	29.45 0.12 0.00	32.24 0.19 0.22	37.52 0.41 0.00	46.56 0.69 0.00	47.57 0.89 0.00	46.44 0.91 0.00	41.95 0.98 0.00	35.26 0.69 0.00	31.43 0.68 0.00	29.91 0.62 0.00
EUCLID__115KV_TB2 356179	28.82 -0.42 -1.47	27.10 -0.34 -1.57	25.15 -0.36 -1.43	23.92 -0.34 -1.44	23.87 -0.34 -1.76	28.77 -0.35 -1.95	35.13 -0.44 -1.91	36.17 -0.52 -2.16	30.69 -0.50 -1.60	24.54 -0.50 -0.26	24.68 -0.50 -0.25	24.69 -0.47 -0.35	25.18 -0.45 -0.52	27.25 -0.47 -0.35	28.97 -0.65 -0.29	31.39 -0.71 0.16	36.48 -0.63 0.00	45.18 -0.78 -0.09	46.83 -0.75 -0.90	45.80 -0.68 -0.95	42.41 -0.49 -1.93	35.54 -0.48 -1.45	31.80 -0.37 -1.41	30.38 -0.35 -1.43
E_CANADA_CAP_HY 24051	29.21 1.44 0.00	27.23 1.37 0.00	25.38 1.30 0.00	24.05 1.23 0.00	23.68 1.23 0.00	28.78 1.60 0.00	35.61 1.95 0.00	36.26 1.73 0.00	29.98 0.65 0.27	24.69 0.02 0.12	24.72 -0.20 0.00	24.54 -0.27 0.00	24.78 -0.33 0.00	26.98 -0.27 0.12	28.96 -0.17 0.20	31.27 0.03 1.02	37.24 0.52 0.39	47.18 1.74 0.43	49.29 2.85 0.23	48.61 3.14 0.06	43.79 2.82 0.00	36.78 2.21 0.00	32.66 1.91 0.00	30.91 1.61 0.00
E_CANADA_MHWK_HY 24050	29.26 0.44 -1.05	27.43 0.44 -1.12	25.51 0.41 -1.02	24.24 0.39 -1.03	24.09 0.38 -1.26	29.03 0.46 -1.40	35.66 0.64 -1.37	36.70 0.62 -1.55	31.18 0.44 -1.14	25.29 0.32 -0.18	25.43 0.32 -0.18	25.39 0.32 -0.25	25.81 0.33 -0.37	28.00 0.38 -0.25	29.95 0.41 -0.21	32.94 0.51 -0.17	37.63 0.52 0.00	46.59 0.64 -0.07	48.10 0.70 -0.72	47.01 0.73 -0.76	43.24 0.74 -1.54	36.35 0.62 -1.16	32.43 0.55 -1.13	30.93 0.50 -1.14
E_FISHKILL__LBMP 23776	28.77 1.00 0.00	26.74 0.88 0.00	24.95 0.87 0.00	23.59 0.78 0.00	23.23 0.79 0.00	28.07 0.90 0.00	34.87 1.21 0.00	35.88 1.35 0.00	31.28 1.15 -0.53	26.12 1.12 -0.23	26.17 1.25 0.00	26.07 1.27 0.00	26.42 1.31 0.00	29.02 1.42 -0.23	31.42 1.70 -0.39	33.81 1.77 0.22	39.95 2.08 -0.76	48.98 2.25 -0.86	49.29 2.15 -0.46	47.51 1.87 -0.11	42.85 1.88 0.00	36.19 1.62 0.00	32.11 1.35 0.00	30.53 1.23 0.00
FALCON__SEABRD_CC1 323796	31.75 0.42 -3.57	30.04 0.36 -3.82	27.94 0.38 -3.48	26.71 0.39 -3.51	27.16 0.43 -4.28	32.47 0.54 -4.75	39.01 0.71 -4.64	40.54 0.76 -5.25	34.40 0.92 -3.89	26.25 0.84 -0.63	26.07 0.52 -0.62	26.19 0.52 -0.86	26.87 0.50 -1.26	28.62 0.41 -0.84	30.65 0.62 -0.71	33.43 0.61 -0.56	37.86 0.74 -0.01	47.03 0.92 -0.24	49.98 0.84 -2.46	48.95 0.82 -2.60	46.57 0.33 -5.27	39.33 0.80 -3.96	35.28 0.68 -3.85	33.84 0.64 -3.90
FALCON__SEABRD_CC2 323797	31.75 0.42 -3.57	30.04 0.36 -3.82	27.94 0.38 -3.48	26.71 0.39 -3.51	27.16 0.43 -4.28	32.47 0.54 -4.75	39.01 0.71 -4.64	40.54 0.76 -5.25	34.40 0.92 -3.89	26.25 0.84 -0.63	26.07 0.52 -0.62	26.19 0.52 -0.86	26.87 0.50 -1.26	28.62 0.41 -0.84	30.65 0.62 -0.71	33.43 0.61 -0.56	37.86 0.74 -0.01	47.03 0.92 -0.24	49.98 0.84 -2.46	48.95 0.82 -2.60	46.57 0.33 -5.27	39.33 0.80 -3.96	35.28 0.68 -3.85	33.84 0.64 -3.90

FAR ROCKAWAY___4 23548	29.74 1.97 0.00	27.47 1.60 0.00	25.57 1.49 0.00	24.05 1.23 0.00	23.66 1.21 0.00	28.75 1.58 0.00	35.91 2.26 0.00	37.19 2.66 0.00	32.19 2.07 -0.52	26.96 1.96 -0.22	27.23 2.29 -0.02	27.16 2.33 -0.01	27.49 2.36 -0.01	30.12 2.52 -0.24	32.60 2.87 -0.40	37.59 3.03 -2.30	41.47 3.60 -0.76	50.61 3.90 -0.83	51.05 3.92 -0.45	49.10 3.46 -0.11	44.33 3.36 0.00	39.10 2.94 -1.59	33.35 2.58 -0.01	31.52 2.23 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.10 1.33 0.00	27.03 1.16 0.00	25.28 1.20 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.42 1.25 0.00	35.34 1.68 0.00	36.47 1.93 0.00	31.80 1.69 -0.52	26.64 1.64 -0.22	26.72 2.65 0.00	27.02 1.84 0.00	29.67 2.08 -0.22	32.15 2.43 -0.38	34.62 2.58 0.22	40.93 3.08 -0.74	49.92 3.21 -0.83	50.21 3.08 -0.45	48.32 2.69 -0.11	43.63 2.66 0.00	36.78 2.21 0.00	32.63 1.88 0.00	30.97 1.67 0.00	
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.10 1.33 0.00	27.03 1.16 0.00	25.28 1.20 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.42 1.25 0.00	35.37 1.72 0.00	36.47 1.93 0.00	31.80 1.69 -0.52	26.64 1.64 -0.22	26.72 2.65 0.00	27.02 1.84 0.00	29.67 2.08 -0.22	32.12 2.41 -0.38	34.62 2.58 0.22	40.93 3.08 -0.74	49.92 3.21 -0.83	50.21 3.08 -0.45	48.32 2.69 -0.11	43.63 2.66 0.00	36.82 2.25 0.00	32.66 1.91 0.00	30.97 1.67 0.00	
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.07 1.31 0.00	27.00 1.14 0.00	25.26 1.18 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.40 1.22 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.80 1.69 -0.52	26.64 1.64 -0.22	26.72 2.65 0.00	26.99 1.88 0.00	29.64 2.05 -0.22	32.12 2.41 -0.38	34.59 2.55 0.22	40.90 3.04 -0.74	49.87 3.17 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.63 2.66 0.00	36.78 2.21 0.00	32.63 1.88 0.00	30.94 1.64 0.00	
FARRAGUT___LBMP 323566	29.07 1.31 0.00	27.00 1.14 0.00	25.26 1.18 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.40 1.22 0.00	35.31 1.65 0.00	36.40 1.86 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.69 1.77 0.00	26.62 1.81 0.00	26.97 1.86 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.59 2.55 0.22	40.86 3.01 -0.74	49.83 3.12 -0.83	50.11 2.99 -0.45	48.28 2.64 -0.11	43.59 2.62 0.00	36.75 2.18 0.00	32.60 1.85 0.00	30.94 1.64 0.00
FENNER___WINDPWR 24204	31.47 0.86 -2.85	29.71 0.80 -3.04	27.55 0.70 -2.77	26.30 0.68 -2.80	26.54 0.67 -3.42	31.80 0.84 -3.79	38.57 1.21 -3.70	39.89 1.17 -4.18	33.52 0.83 -3.10	25.77 0.50 -0.50	25.89 0.47 -0.49	25.92 0.42 -0.69	26.59 0.48 -1.00	28.61 0.58 -0.67	30.45 0.56 -0.56	33.39 0.68 -0.45	37.97 0.85 0.00	47.30 1.24 -0.19	50.08 1.49 -1.91	49.10 1.55 -2.02	46.54 1.47 -4.10	38.79 1.14 -3.08	34.74 0.98 -3.00	33.21 0.88 -3.03
FIBERTEK___ENERGY 23856	28.88 -0.14 -1.25	27.09 -0.10 -1.33	25.15 -0.14 -1.21	23.91 -0.14 -1.23	23.81 -0.13 -1.50	28.75 -0.08 -1.66	35.18 -0.10 -1.62	36.20 -0.17 -1.83	30.72 -0.24 -1.36	24.73 -0.27 -0.22	24.84 -0.30 -0.22	24.86 -0.25 -0.30	25.30 -0.25 -0.44	27.44 -0.22 -0.29	29.20 -0.38 -0.25	32.26 -0.39 -0.39	36.82 -0.30 0.00	45.67 -0.28 -0.07	47.20 -0.23 -0.75	46.10 -0.23 -0.80	42.50 -0.08 -1.62	35.64 -0.14 -1.21	31.87 -0.06 -1.18	30.43 -0.06 -1.19
FITZPATRICK___ 23598	27.10 -0.67 0.00	25.24 -0.62 0.00	23.48 -0.60 0.00	22.27 -0.55 0.00	21.91 -0.54 0.00	26.55 -0.62 0.00	32.85 -0.81 0.00	33.67 -0.86 0.00	28.80 -0.80 0.00	24.09 -0.69 0.00	24.20 -0.72 0.00	24.11 -0.69 0.00	24.43 -0.68 0.00	26.65 -0.71 0.00	28.33 -1.00 0.00	23.57 -1.16 7.53	35.96 -1.15 0.00	44.50 -1.38 0.00	45.32 -1.36 0.00	44.21 -1.32 0.00	39.86 -1.10 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.71 -0.59 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.02 1.25 0.00	26.95 1.09 0.00	25.16 1.08 0.00	23.77 0.96 0.00	23.41 0.97 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.12 1.59 0.00	31.33 1.33 -0.41	26.19 1.24 -0.17	26.24 1.32 0.00	26.15 1.34 0.00	26.52 1.41 0.00	29.07 1.53 -0.17	31.44 1.82 -0.30	33.83 1.90 0.33	39.95 2.26 -0.58	49.14 2.61 -0.65	49.60 2.57 -0.35	48.03 2.41 -0.08	43.26 2.29 0.00	36.58 2.01 0.00	32.41 1.66 0.00	30.85 1.55 0.00
FORT ORANGE___ 23900	28.24 0.47 0.00	26.30 0.44 0.00	24.51 0.43 0.00	23.23 0.41 0.00	22.83 0.38 0.00	27.58 0.41 0.00	34.09 0.44 0.00	35.05 0.52 0.00	29.52 0.30 0.37	24.84 0.22 0.16	25.10 0.18 0.00	24.96 0.15 0.00	25.24 0.13 0.00	27.40 0.19 0.16	29.38 0.32 0.27	31.41 0.32 1.17	37.03 0.45 0.53	46.01 0.73 0.59	47.20 0.84 0.32	46.18 0.73 0.08	41.71 0.74 0.00	35.23 0.66 0.00	31.28 0.52 0.00	29.71 0.41 0.00
FORT_DRUM_COGEN 23780	40.99 1.06 -12.17	39.86 0.98 -13.02	36.82 0.89 -11.85	35.62 0.84 -11.96	37.84 0.79 -14.61	44.41 1.03 -16.20	51.01 1.51 -15.84	53.88 1.45 -17.89	43.83 0.98 -13.26	27.36 0.45 -2.13	27.38 0.35 -2.11	28.08 0.32 -2.94	29.75 0.35 -4.29	30.67 0.44 -2.87	32.12 0.38 -2.41	34.96 0.52 -2.19	37.91 0.78 -0.02	48.08 1.38 -0.83	56.88 1.87 -8.33	56.54 2.19 -8.82	60.82 1.97 -17.89	49.60 1.59 -13.44	45.18 1.35 -13.08	43.65 1.11 -13.24
FOX_HILLS___ESR 323835	29.32 1.55 0.00	27.21 1.34 0.00	25.43 1.35 0.00	23.98 1.16 0.00	23.62 1.17 0.00	28.42 1.25 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.63 1.51 -0.52	26.51 1.51 -0.22	26.59 1.67 0.00	26.52 1.71 0.00	26.92 1.81 0.00	29.58 2.00 -0.22	32.06 2.35 -0.38	34.59 2.55 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.72 1.97 0.00	31.14 1.85 0.00
FPL_FAR_ROCK_GT1 24212	29.66 1.89 0.00	27.39 1.53 0.00	25.52 1.44 0.00	24.00 1.19 0.00	23.59 1.14 0.00	28.67 1.49 0.00	35.81 2.16 0.00	37.09 2.56 0.00	32.07 1.95 -0.52	26.89 1.88 -0.22	27.21 2.27 -0.02	27.15 2.33 -0.01	27.41 2.28 -0.01	30.07 2.46 -0.24	32.61 2.88 -0.40	37.59 3.03 -2.30	41.54 3.67 -0.76	50.60 3.90 -0.83	51.05 3.92 -0.45	49.10 3.46 -0.11	44.33 3.36 0.00	39.10 2.94 -1.59	33.32 2.55 -0.01	31.23 1.93 0.00
FPL_FAR_ROCK_GT2 23815	29.66 1.89 0.00	27.39 1.53 0.00	25.52 1.44 0.00	24.00 1.19 0.00	23.59 1.14 0.00	28.67 1.49 0.00	35.81 2.16 0.00	37.09 2.56 0.00	32.07 1.95 -0.52	26.89 1.88 -0.22	27.21 2.27 -0.02	27.15 2.33 -0.01	27.41 2.28 -0.01	30.07 2.46 -0.24	32.61 2.88 -0.40	37.59 3.03 -2.30	41.54 3.67 -0.76	50.60 3.90 -0.83	51.05 3.92 -0.45	49.10 3.46 -0.11	44.33 3.36 0.00	39.10 2.94 -1.59	33.32 2.55 -0.01	31.23 1.93 0.00
FRANKLIN_FALL_HYD 24054	44.77 0.53 -16.47	43.95 0.47 -17.62	40.60 0.48 -16.04	39.49 0.48 -16.19	42.72 0.49 -19.77	49.70 0.60 -21.93	55.91 0.81 -21.44	59.61 0.86 -24.22	48.51 0.98 -17.94	28.54 0.87 -2.89	28.63 0.85 -2.86	29.61 0.82 -3.99	31.67 0.75 -5.80	32.01 0.77 -3.88	33.44 0.85 -3.26	35.68 0.84 -2.59	38.25 1.11 -0.03	48.24 1.24 -1.13	59.25 1.21 -11.35	58.78 1.23 -12.02	66.08 0.74 -24.38	53.72 0.83 -18.32	49.28 0.71 -17.82	48.01 0.67 -18.04



FREEPORT_EQUS_GT1 23764	29.46 1.69 0.00	27.23 1.37 0.00	25.35 1.28 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.50 1.33 0.00	35.58 1.92 0.00	36.85 2.31 0.00	31.86 1.75 -0.52	26.69 1.69 -0.22	27.01 2.07 -0.01	26.95 2.13 -0.01	27.21 2.08 -0.01	29.85 2.24 -0.24	32.33 2.61 -0.40	36.91 2.77 -1.87	41.17 3.30 -0.76	50.15 3.44 -0.83	50.53 3.41 -0.45	48.60 2.96 -0.11	43.92 2.95 0.00	38.59 2.70 -1.32	33.13 2.37 -0.01	31.03 1.73 0.00
FREEPORT___CT2 23818	29.46 1.69 0.00	27.23 1.37 0.00	25.35 1.28 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.50 1.33 0.00	35.58 1.92 0.00	36.85 2.31 0.00	31.86 1.75 -0.52	26.69 1.69 -0.22	27.01 2.07 -0.01	26.95 2.13 -0.01	27.21 2.08 -0.01	29.85 2.24 -0.24	32.33 2.61 -0.40	36.91 2.77 -1.87	41.17 3.30 -0.76	50.15 3.44 -0.83	50.53 3.41 -0.45	48.60 2.96 -0.11	43.92 2.95 0.00	38.59 2.70 -1.32	33.13 2.37 -0.01	31.03 1.73 0.00
FRESHKLS_33_KV_LOAD 356253	29.46 1.69 0.00	27.34 1.47 0.00	25.55 1.47 0.00	24.09 1.28 0.00	23.73 1.28 0.00	28.53 1.36 0.00	35.37 1.72 0.00	36.40 1.86 0.00	31.69 1.57 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.97 1.86 0.00	29.64 2.05 -0.22	32.15 2.43 -0.38	34.68 2.65 0.22	41.19 3.34 -0.74	50.24 3.53 -0.83	50.44 3.31 -0.45	48.51 2.87 -0.11	43.75 2.79 0.00	36.85 2.28 0.00	32.88 2.12 0.00	31.29 1.99 0.00
FULTON COGEN____ 23766	28.99 -0.42 -1.64	27.26 -0.36 -1.76	25.29 -0.39 -1.60	24.07 -0.37 -1.62	24.06 -0.36 -1.97	29.01 -0.35 -2.19	35.36 -0.44 -2.14	36.43 -0.52 -2.42	30.88 -0.50 -1.79	24.57 -0.50 -0.29	24.69 -0.52 -0.28	24.74 -0.47 -0.40	25.21 -0.48 -0.58	27.26 -0.49 -0.39	28.98 -0.67 -0.33	32.85 -0.74 -1.33	36.44 -0.67 0.00	45.24 -0.73 -0.10	47.01 -0.70 -1.03	45.93 -0.68 -1.09	42.68 -0.49 -2.21	35.74 -0.48 -1.66	32.00 -0.37 -1.61	30.55 -0.38 -1.63
FULTON___LFGE 323630	29.27 1.50 0.00	27.28 1.42 0.00	25.43 1.35 0.00	24.09 1.28 0.00	23.73 1.28 0.00	28.83 1.66 0.00	35.64 1.99 0.00	36.33 1.79 0.00	29.97 0.68 0.31	24.62 -0.02 0.13	24.60 -0.32 0.00	24.34 -0.47 0.00	24.56 -0.55 0.00	26.71 -0.52 0.13	28.76 -0.35 0.22	31.07 -0.10 1.09	37.15 0.48 0.44	47.22 1.84 0.49	49.41 2.99 0.26	48.65 3.19 0.06	43.83 2.87 0.00	36.82 2.25 0.00	32.72 1.97 0.00	30.97 1.67 0.00
G.F.CEMENT___DRP 24184	29.85 2.08 0.00	27.83 1.97 0.00	25.93 1.85 0.00	24.62 1.80 0.00	24.20 1.75 0.00	29.35 2.17 0.00	36.05 2.39 0.00	37.12 2.59 0.00	30.68 1.63 0.54	25.51 0.97 0.23	25.65 0.72 0.00	25.40 0.60 0.00	25.61 0.50 0.00	27.71 0.57 0.23	29.75 0.82 0.40	32.01 1.10 1.35	38.04 1.71 0.78	48.21 3.21 0.87	49.95 3.73 0.47	49.19 3.78 0.11	44.37 3.40 0.00	37.27 2.70 0.00	33.09 2.34 0.00	31.52 2.23 0.00
GARDENVILLE___LBMP 24039	27.71 -0.06 0.00	26.07 0.21 0.00	24.15 0.07 0.00	22.91 0.09 0.00	22.56 0.11 0.00	27.63 0.46 0.00	33.49 -0.17 0.00	33.91 -0.62 0.00	28.97 -0.62 0.00	24.16 -0.62 0.00	24.38 -0.55 0.00	24.39 -0.42 0.00	24.81 -0.30 0.00	27.01 -0.36 0.00	28.89 -0.44 0.00	30.98 -0.58 0.70	36.29 -0.82 0.00	44.54 -1.33 0.00	45.42 -1.26 0.00	44.44 -1.09 0.00	40.31 -0.66 0.00	33.88 -0.69 0.00	30.54 -0.22 0.00	29.59 0.29 0.00
GARDNVLA_35_KV_LD 355827	27.80 0.03 0.00	26.12 0.26 0.00	24.22 0.14 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.72 0.54 0.00	33.59 -0.07 0.00	34.05 -0.48 0.00	29.09 -0.50 0.00	24.26 -0.52 0.00	24.47 -0.45 0.00	24.51 -0.30 0.00	24.91 -0.20 0.00	27.12 -0.25 0.00	29.04 -0.29 0.00	31.11 -0.45 0.70	36.48 -0.63 0.00	44.73 -1.15 0.00	45.61 -1.07 0.00	44.62 -0.91 0.00	40.48 -0.49 0.00	34.02 -0.55 0.00	30.63 -0.12 0.00	29.68 0.38 0.00
GELCKHM___115KV_LOAD 80723	28.84 -0.31 -1.37	27.07 -0.26 -1.47	25.13 -0.29 -1.34	23.89 -0.27 -1.35	23.83 -0.27 -1.65	28.76 -0.24 -1.83	35.11 -0.34 -1.79	36.17 -0.38 -2.02	30.68 -0.41 -1.50	24.60 -0.42 -0.24	24.74 -0.42 -0.33	24.74 -0.40 -0.48	25.22 -0.38 -0.32	27.31 -0.38 -0.27	29.04 -0.56 -0.03	31.70 -0.58 0.00	36.63 -0.48 0.00	45.41 -0.55 -0.08	47.00 -0.51 -0.84	45.91 -0.50 -0.89	42.44 -0.33 -1.80	35.57 -0.35 -1.35	31.82 -0.25 -1.31	30.39 -0.23 -1.33
GENERAL___MILLS 23808	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.61 0.16 0.00	27.69 0.52 0.00	33.56 -0.10 0.00	33.98 -0.55 0.00	29.03 -0.56 0.00	24.21 -0.57 0.00	24.43 -0.50 0.00	24.46 -0.35 0.00	24.86 -0.25 0.00	27.06 -0.30 0.00	28.98 -0.35 0.00	31.05 -0.52 0.70	36.41 -0.71 0.00	44.63 -1.24 0.00	45.51 -1.17 0.00	44.53 -1.00 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.65 0.35 0.00
GE_PLASTICS___DRP 24183	28.27 0.50 0.00	26.30 0.44 0.00	24.51 0.43 0.00	23.23 0.41 0.00	22.85 0.40 0.00	27.58 0.41 0.00	34.13 0.47 0.00	35.09 0.55 0.00	29.67 0.36 0.28	24.98 0.32 0.12	25.22 0.30 0.00	25.08 0.27 0.00	25.41 0.30 0.00	27.57 0.33 0.12	29.56 0.44 0.21	31.59 0.42 1.09	37.22 0.52 0.41	46.15 0.73 0.45	47.18 0.75 0.24	46.11 0.64 0.06	41.66 0.70 0.00	35.16 0.59 0.00	31.22 0.46 0.00	29.80 0.50 0.00
GILBOA___1 23756	28.24 0.47 0.00	26.28 0.41 0.00	24.49 0.41 0.00	23.18 0.36 0.00	22.81 0.36 0.00	27.61 0.43 0.00	34.20 0.54 0.00	35.12 0.59 0.00	30.01 0.41 0.00	25.15 0.37 0.00	25.32 0.40 0.00	25.20 0.40 0.00	25.51 0.40 0.00	27.83 0.46 0.00	29.89 0.56 0.00	32.21 0.58 0.63	37.85 0.74 0.00	46.74 0.87 0.00	47.42 0.74 0.00	46.17 0.64 0.00	41.83 0.86 0.00	35.26 0.69 0.00	31.37 0.61 0.00	29.76 0.47 0.00
GILBOA___2 23757	28.24 0.47 0.00	26.28 0.41 0.00	24.49 0.41 0.00	23.18 0.36 0.00	22.81 0.36 0.00	27.61 0.43 0.00	34.20 0.54 0.00	35.12 0.59 0.00	30.01 0.41 0.00	25.15 0.37 0.00	25.32 0.40 0.00	25.20 0.40 0.00	25.51 0.40 0.00	27.83 0.46 0.00	29.89 0.56 0.00	32.21 0.58 0.63	37.85 0.74 0.00	46.74 0.87 0.00	47.42 0.74 0.00	46.17 0.64 0.00	41.83 0.86 0.00	35.26 0.69 0.00	31.37 0.61 0.00	29.76 0.47 0.00
GILBOA___3 23758	28.24 0.47 0.00	26.28 0.41 0.00	24.49 0.41 0.00	23.18 0.36 0.00	22.81 0.36 0.00	27.61 0.43 0.00	34.20 0.54 0.00	35.12 0.59 0.00	30.01 0.41 0.00	25.15 0.37 0.00	25.32 0.40 0.00	25.20 0.40 0.00	25.51 0.40 0.00	27.83 0.46 0.00	29.89 0.56 0.00	32.21 0.58 0.63	37.85 0.74 0.00	46.74 0.87 0.00	47.42 0.74 0.00	46.17 0.64 0.00	41.83 0.86 0.00	35.26 0.69 0.00	31.37 0.61 0.00	29.76 0.47 0.00
GILBOA___4 23759	28.24 0.47 0.00	26.28 0.41 0.00	24.49 0.41 0.00	23.18 0.36 0.00	22.81 0.36 0.00	27.61 0.43 0.00	34.20 0.54 0.00	35.12 0.59 0.00	30.01 0.41 0.00	25.15 0.37 0.00	25.32 0.40 0.00	25.20 0.40 0.00	25.51 0.40 0.00	27.83 0.46 0.00	29.89 0.56 0.00	32.21 0.58 0.63	37.85 0.74 0.00	46.74 0.87 0.00	47.42 0.74 0.00	46.17 0.64 0.00	41.83 0.86 0.00	35.26 0.69 0.00	31.37 0.61 0.00	29.76 0.47 0.00

GILBOA____ 23599	28.27 0.50 0.00	26.33 0.47 0.00	24.51 0.43 0.00	23.20 0.39 0.00	22.85 0.40 0.00	27.63 0.46 0.00	34.23 0.57 0.00	35.16 0.62 0.00	30.04 0.44 0.00	25.18 0.40 0.00	25.35 0.42 0.00	25.23 0.42 0.00	25.54 0.43 0.00	27.83 0.47 0.00	29.89 0.56 0.00	32.21 0.58 0.63	37.82 0.71 0.00	46.74 0.87 0.00	47.43 0.75 0.00	46.17 0.64 0.00	41.83 0.86 0.00	35.26 0.69 0.00	31.37 0.62 0.00	29.88 0.59 0.00
GINNA____ 23603	26.71 -1.06 0.00	24.96 -0.91 0.00	23.14 -0.94 0.00	21.97 -0.84 0.00	21.55 -0.90 0.00	26.28 -0.90 0.00	32.34 -1.31 0.00	33.02 -1.52 0.00	28.21 -1.39 0.00	23.47 -1.31 0.00	23.60 -1.32 0.00	23.57 -1.24 0.00	23.98 -1.13 0.00	26.16 -1.20 0.00	27.86 -1.47 0.00	29.75 -1.71 0.80	35.29 -1.82 0.00	43.67 -2.20 0.00	44.53 -2.15 0.00	43.57 -1.96 0.00	39.41 -1.56 0.00	33.12 -1.45 0.00	29.59 -1.17 0.00	28.30 -1.00 0.00
GLEN PARK____ 23778	40.49 1.19 -11.53	39.33 1.14 -12.33	36.27 0.96 -11.23	35.10 0.96 -11.33	37.18 0.90 -13.84	43.69 1.17 -15.35	50.41 1.75 -15.00	53.14 1.66 -16.94	43.25 1.10 -12.55	27.32 0.52 -2.02	27.32 0.40 -2.00	27.92 0.32 -2.79	29.57 0.40 -4.06	30.54 0.46 -2.71	32.05 0.44 -2.28	34.91 0.55 -2.11	38.02 0.89 -0.02	48.26 1.60 -0.78	56.71 2.15 -7.88	56.38 2.50 -8.35	60.15 2.25 -16.93	49.05 1.76 -12.72	44.67 1.54 -12.38	43.17 1.35 -12.53
GLENDALE_27_KV_LOAD 356172	29.27 1.50 0.00	27.16 1.29 0.00	25.40 1.32 0.00	23.98 1.16 0.00	23.62 1.17 0.00	28.48 1.30 0.00	35.37 1.72 0.00	36.47 1.93 0.00	31.83 1.72 -0.52	26.71 1.71 -0.22	26.77 1.84 0.00	26.69 1.89 0.00	27.07 1.96 0.00	29.72 2.13 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	50.10 3.39 -0.83	50.35 3.22 -0.45	48.42 2.78 -0.11	43.71 2.74 0.00	36.82 2.25 0.00	32.75 2.00 0.00	31.11 1.82 0.00
GLENWOOD_IC_1_G5 23712	29.32 1.55 0.00	27.16 1.29 0.00	25.31 1.23 0.00	23.87 1.05 0.00	23.48 1.03 0.00	28.48 1.30 0.00	35.48 1.82 0.00	36.68 2.14 0.00	31.86 1.75 -0.52	26.59 1.59 -0.22	26.76 1.82 -0.02	26.69 1.86 -0.02	27.11 1.98 -0.02	29.74 2.13 -0.24	32.19 2.46 -0.40	37.35 2.61 -2.48	40.95 3.08 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.71 2.74 0.00	38.70 2.42 -1.71	32.86 2.09 -0.02	31.11 1.82 0.00
GLENWOOD_IC_2_G1 23688	29.07 1.31 0.00	26.95 1.09 0.00	25.16 1.08 0.00	23.73 0.91 0.00	23.35 0.90 0.00	28.29 1.11 0.00	35.21 1.55 0.00	36.36 1.83 0.00	31.63 1.51 -0.52	26.44 1.44 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.87 1.76 0.00	29.50 1.91 -0.22	31.97 2.26 -0.38	34.58 2.42 0.10	40.75 2.90 -0.74	49.69 2.98 -0.83	50.02 2.90 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.86 2.21 -0.07	32.63 1.88 0.00	30.65 1.35 0.00
GLENWOOD_IC_3_G1 23689	29.07 1.31 0.00	26.95 1.09 0.00	25.16 1.08 0.00	23.73 0.91 0.00	23.35 0.90 0.00	28.29 1.11 0.00	35.21 1.55 0.00	36.36 1.83 0.00	31.63 1.51 -0.52	26.44 1.44 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.87 1.76 0.00	29.50 1.91 -0.22	31.97 2.26 -0.38	34.58 2.42 0.10	40.75 2.90 -0.74	49.69 2.98 -0.83	50.02 2.90 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.86 2.21 -0.07	32.63 1.88 0.00	30.65 1.35 0.00
GLENWOOD____4 23550	29.32 1.55 0.00	27.16 1.29 0.00	25.31 1.23 0.00	23.87 1.05 0.00	23.48 1.03 0.00	28.48 1.30 0.00	35.48 1.82 0.00	36.68 2.14 0.00	31.86 1.75 -0.52	26.61 1.61 -0.22	26.81 1.87 -0.02	26.73 1.91 -0.02	27.11 1.98 -0.02	29.74 2.13 -0.24	32.19 2.46 -0.40	37.35 2.61 -2.48	40.95 3.08 -0.76	49.87 3.17 -0.83	50.21 3.08 -0.45	48.33 2.69 -0.11	43.71 2.74 0.00	38.70 2.42 -1.71	32.86 2.09 -0.02	31.11 1.82 0.00
GLENWOOD____5 23614	29.32 1.55 0.00	27.16 1.29 0.00	25.31 1.23 0.00	23.87 1.05 0.00	23.48 1.03 0.00	28.48 1.30 0.00	35.48 1.82 0.00	36.68 2.14 0.00	31.86 1.75 -0.52	26.61 1.61 -0.22	26.81 1.87 -0.02	26.73 1.91 -0.02	27.11 1.98 -0.02	29.74 2.13 -0.24	32.19 2.46 -0.40	37.35 2.61 -2.48	40.95 3.08 -0.76	49.87 3.17 -0.83	50.21 3.08 -0.45	48.33 2.69 -0.11	43.71 2.74 0.00	38.70 2.42 -1.71	32.86 2.09 -0.02	31.11 1.82 0.00
GLOBAL GREEN_PORT_GT1 23814	30.32 2.55 0.00	27.88 2.02 0.00	25.81 1.73 0.00	24.12 1.30 0.00	23.62 1.17 0.00	28.78 1.60 0.00	35.84 2.19 0.00	37.19 2.66 0.00	31.95 1.84 -0.52	26.81 1.81 -0.22	27.52 2.59 -0.01	27.50 2.68 -0.01	27.68 2.56 -0.01	30.44 2.85 -0.23	33.06 3.34 -0.39	37.31 3.71 -1.34	42.35 4.49 -0.75	51.62 4.91 -0.83	52.13 5.00 -0.46	49.82 4.19 -0.11	45.07 4.10 -0.01	39.39 3.84 -0.99	33.96 3.20 -0.01	31.73 2.43 0.00
GLOBE____DSASP 323697	27.05 -0.72 0.00	25.45 -0.41 0.00	23.62 -0.46 0.00	22.38 -0.43 0.00	22.04 -0.40 0.00	27.47 0.30 0.00	32.55 -1.11 0.00	32.88 -1.66 0.00	28.15 -1.45 0.00	23.47 -1.31 0.00	23.70 -1.22 0.00	23.72 -1.09 0.00	24.11 -1.00 0.00	26.22 -1.15 0.00	28.04 -1.29 0.00	29.97 -1.55 0.74	35.22 -1.89 0.00	43.03 -2.84 0.00	43.83 -2.85 0.00	42.93 -2.60 0.00	39.04 -1.93 0.00	32.88 -1.69 0.00	29.68 -1.08 0.00	28.83 -0.47 0.00
GOETHSLN____LBMP 323567	28.91 1.14 0.00	26.85 0.98 0.00	25.14 1.06 0.00	23.73 0.91 0.00	23.39 0.94 0.00	28.29 1.11 0.00	35.17 1.51 0.00	36.26 1.73 0.00	31.66 1.54 -0.52	26.54 1.54 -0.22	26.62 1.69 0.00	26.55 1.74 0.00	26.87 1.76 0.00	29.50 1.92 -0.22	31.97 2.26 -0.38	34.46 2.42 0.22	40.71 2.86 -0.74	49.64 2.94 -0.83	49.93 2.80 -0.45	48.05 2.41 -0.11	43.38 2.42 0.00	36.61 2.04 0.00	32.48 1.72 0.00	30.79 1.49 0.00
GOLAH____69_KV_TB 1_2 80279	28.10 0.33 0.00	26.35 0.49 0.00	24.39 0.31 0.00	23.14 0.32 0.00	22.72 0.27 0.00	27.74 0.57 0.00	33.89 0.24 0.00	34.50 -0.03 0.00	29.48 -0.12 0.00	24.48 -0.30 0.00	24.62 -0.30 0.00	24.61 -0.20 0.00	24.99 -0.13 0.00	27.23 -0.14 0.00	29.10 -0.23 0.00	31.13 -0.32 0.81	36.74 -0.37 0.00	45.37 -0.50 0.00	46.26 -0.42 0.00	45.30 -0.23 0.00	41.09 0.12 0.00	34.54 -0.03 0.00	30.94 0.18 0.00	29.65 0.35 0.00
GOODYEAR_LAKE_HYD 323669	28.63 0.86 0.00	26.67 0.80 0.00	24.82 0.75 0.00	23.50 0.68 0.00	23.12 0.67 0.00	28.07 0.90 0.00	34.84 1.18 0.00	35.67 1.14 0.00	30.37 0.77 0.00	25.28 0.50 0.00	25.40 0.47 0.00	25.28 0.47 0.00	25.61 0.50 0.00	27.97 0.60 0.00	30.00 0.67 0.00	32.52 0.77 0.51	38.15 1.04 0.00	47.34 1.47 0.00	48.36 1.68 0.00	47.26 1.73 0.00	42.69 1.72 0.00	35.92 1.35 0.00	31.92 1.17 0.00	30.32 1.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.96 0.19 0.00	26.10 0.23 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.50 0.33 0.00	33.96 0.30 0.00	34.74 0.21 0.00	29.68 0.09 0.00	24.78 0.00 0.00	24.92 0.00 0.00	24.83 0.02 0.00	25.19 0.08 0.00	27.47 0.11 0.00	29.42 0.09 0.00	32.03 0.10 0.33	37.30 0.19 0.00	46.10 0.23 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.88 0.31 0.00	31.12 0.37 0.00	29.71 0.41 0.00

GOUDEY___7 23579	27.96 0.19 0.00	26.10 0.23 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.50 0.33 0.00	33.96 0.30 0.00	34.74 0.21 0.00	29.68 0.09 0.00	24.78 0.00 0.00	24.92 0.00 0.00	24.83 0.02 0.00	25.19 0.08 0.00	27.47 0.11 0.00	29.42 0.09 0.00	32.03 0.10 0.33	37.30 0.19 0.00	46.10 0.23 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.88 0.31 0.00	31.12 0.37 0.00	29.71 0.41 0.00
GOUDEY___8 23580	27.96 0.19 0.00	26.10 0.23 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.50 0.33 0.00	33.96 0.30 0.00	34.74 0.21 0.00	29.68 0.09 0.00	24.78 0.00 0.00	24.92 0.00 0.00	24.83 0.02 0.00	25.19 0.08 0.00	27.47 0.11 0.00	29.42 0.09 0.00	32.03 0.10 0.33	37.30 0.19 0.00	46.10 0.23 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.88 0.31 0.00	31.12 0.37 0.00	29.71 0.41 0.00
GOWANUS_GT1_1 24077	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT1_2 24078	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT1_3 24079	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT1_4 24080	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT1_5 24084	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT1_6 24111	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31															

GOWANUS_GT2_6 24119	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT2_7 24120	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT2_8 24121	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_1 24122	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_2 24123	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_3 24124	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_4 24125	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_5 24126	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_6 24127	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_7 24128	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT3_8 24129	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
GOWANUS_GT4_1 24130	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT4_2 24131	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT4_3 24132	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT4_4 24133	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00

GOWANUS_GT4_5 24134	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT4_6 24135	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT4_7 24136	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GOWANUS_GT4_8 24137	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GREATVR_69_KV_BK1 356245	30.07 2.30 0.00	27.73 1.86 0.00	25.76 1.69 0.00	24.21 1.39 0.00	23.77 1.32 0.00	28.97 1.79 0.00	36.18 2.52 0.00	37.50 2.97 0.00	32.31 2.19 -0.52	27.08 2.08 -0.22	27.55 2.62 -0.01	27.47 2.65 -0.01	27.68 2.56 -0.01	30.36 2.76 -0.23	32.89 3.17 -0.39	37.16 3.52 -1.38	41.98 4.12 -0.75	51.20 4.50 -0.83	51.66 4.53 -0.45	49.69 4.05 -0.11	44.95 3.97 -0.01	39.28 3.70 -1.01	33.84 3.08 -0.01	31.82 2.52 0.00
GREENBSH_115KV_TB3 55895	28.18 0.42 0.00	26.25 0.39 0.00	24.44 0.36 0.00	23.18 0.37 0.00	22.79 0.34 0.00	27.50 0.33 0.00	34.03 0.37 0.00	34.95 0.41 0.00	29.44 0.24 0.39	24.83 0.22 0.17	25.10 0.17 0.00	24.96 0.15 0.00	25.26 0.15 0.00	27.36 0.16 0.17	29.31 0.26 0.29	31.29 0.23 1.20	36.84 0.30 0.56	45.75 0.50 0.63	46.85 0.51 0.34	45.90 0.46 0.08	41.46 0.49 0.00	35.02 0.45 0.00	31.09 0.34 0.00	29.68 0.38 0.00
GREENDGE_115KV_TB5 80291	28.13 0.36 0.00	26.30 0.44 0.00	24.39 0.31 0.00	23.11 0.30 0.00	22.76 0.31 0.00	27.80 0.62 0.00	34.33 0.67 0.00	35.05 0.52 0.00	29.83 0.24 0.00	24.73 -0.05 0.00	24.85 -0.07 0.00	24.78 -0.02 0.00	25.16 0.05 0.00	27.47 0.11 0.00	29.36 0.03 0.00	31.99 0.10 0.37	37.37 0.26 0.00	46.06 0.18 0.00	47.10 0.42 0.00	45.98 0.46 0.00	41.58 0.61 0.00	35.09 0.52 0.00	31.37 0.62 0.00	29.94 0.64 0.00
GREENIDGE___3 23582	28.13 0.36 0.00	26.30 0.44 0.00	24.39 0.31 0.00	23.11 0.30 0.00	22.76 0.31 0.00	27.80 0.62 0.00	34.33 0.67 0.00	35.05 0.52 0.00	29.83 0.24 0.00	24.73 -0.05 0.00	24.85 -0.07 0.00	24.78 -0.02 0.00	25.16 0.05 0.00	27.47 0.11 0.00	29.36 0.03 0.00	31.99 0.10 0.37	37.37 0.26 0.00	46.06 0.18 0.00	47.10 0.42 0.00	45.98 0.46 0.00	41.58 0.61 0.00	35.09 0.52 0.00	31.37 0.62 0.00	29.94 0.64 0.00
GREENIDGE___4 23583	28.18 0.42 0.00	26.30 0.44 0.00	24.39 0.31 0.00	23.16 0.34 0.00	22.81 0.36 0.00	27.80 0.63 0.00	34.37 0.71 0.00	35.09 0.55 0.00	29.83 0.24 0.00	24.76 -0.02 0.00	24.87 -0.05 0.00	24.81 0.00 0.00	25.19 0.08 0.00	27.53 0.17 0.00	29.36 0.03 0.00	31.86 -0.03 0.37	37.37 0.26 0.00	46.06 0.18 0.00	47.10 0.42 0.00	45.98 0.46 0.00	41.58 0.62 0.00	35.09 0.52 0.00	31.37 0.61 0.00	30.06 0.76 0.00
GREENLWN_69_KV_BK 3 55738	29.29 1.53 0.00	27.05 1.19 0.00	25.16 1.08 0.00	23.68 0.87 0.00	23.28 0.83 0.00	28.29 1.11 0.00	35.34 1.68 0.00	36.61 2.07 0.00	31.66 1.54 -0.52	26.54 1.54 -0.22	26.80 1.87 -0.01	26.75 1.94 -0.01	27.03 1.91 -0.01	29.62 2.03 -0.23	32.10 2.38 -0.39	36.18 2.55 -1.37	40.39 2.52 -0.75	49.09 2.39 -0.83	49.41 2.29 -0.44	47.50 1.87 -0.11	42.97 2.01 0.00	38.07 2.49 -1.01	32.88 2.12 -0.01	31.03 1.73 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00
GRISSOM___SOLAR 323813	29.21 1.44 0.00	27.21 1.34 0.00	25.35 1.28 0.00	24.05 1.23 0.00	23.66 1.21 0.00	28.72 1.55 0.00	35.54 1.88 0.00	36.23 1.69 0.00	29.91 0.62 0.31	24.60 -0.05 0.13	24.55 -0.37 0.00	24.26 -0.55 0.00	24.48 -0.63 0.00	26.63 -0.60 0.13	28.69 -0.41 0.23	31.00 -0.16 1.10	37.11 0.45 0.45	47.12 1.74 0.50	49.21 2.80 0.27	48.47 3.00 0.07	43.67 2.70 0.00	36.71 2.14 0.00	32.60 1.85 0.00	30.85 1.55 0.00
GROVEVILLE___HYD 323602	29.02 1.25 0.00	26.95 1.09 0.00	25.16 1.08 0.00	23.77 0.96 0.00	23.41 0.97 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.12 1.59 0.00	31.33 1.33 -0.41	26.19 1.24 -0.17	26.24 1.32 0.00	26.15 1.34 0.00	26.52 1.41 0.00	29.07 1.53 -0.17	31.44 1.82 -0.30	33.83 1.90 0.33	39.95 2.26 -0.58	49.14 2.61 -0.65	49.60 2.57 -0.35	48.03 2.41 -0.08	43.26 2.29 0.00	36.58 2.01 0.00	32.41 1.66 0.00	30.85 1.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.88 -0.14 -1.25	27.09 -0.10 -1.33	25.15 -0.14 -1.21	23.91 -0.14 -1.23	23.81 -0.13 -1.50	28.75 -0.08 -1.66	35.18 -0.10 -1.62	36.20 -0.17 -1.83	30.72 -0.24 -1.36	24.73 -0.27 -0.22	24.84 -0.30 -0.22	24.86 -0.25 -0.30	25.30 -0.25 -0.44	27.44 -0.22 -0.29	29.20 -0.38 -0.25	32.26 -0.39 -0.39	36.82 -0.30 0.00	45.67 -0.28 -0.07	47.20 -0.23 -0.75	46.10 -0.23 -0.80	42.50 -0.08 -1.62	35.64 -0.14 -1.21	31.87 -0.06 -1.18	30.43 -0.06 -1.19
HAMLTNNY_34_KV_TB 80303	28.84 -0.03 -1.10	27.06 0.03 -1.17	25.10 -0.05 -1.07	23.85 -0.05 -1.08	23.72 -0.04 -1.32	28.69 0.05 -1.46	35.12 0.03 -1.43	36.11 -0.03 -1.61	30.67 -0.12 -1.20	24.75 -0.22 -0.19	24.89 -0.22 -0.19	24.90 -0.17 -0.27	25.35 -0.15 -0.39	27.51 -0.11 -0.26	29.28 -0.26 -0.22	32.19 -0.26 -0.19	36.96 -0.15 0.00	45.85 -0.09 -0.06	47.28 -0.05 -0.65	46.22 0.00 -0.69	42.53 0.16 -1.39	35.62 0.00 -1.05	31.86 0.09 -1.02	30.39 0.06 -1.03

HAMPSHIRE___PAPER_HYD 323593	58.95 0.58 -30.60	59.14 0.54 -32.73	54.34 0.46 -29.81	53.38 0.48 -30.08	59.65 0.47 -36.73	68.49 0.57 -40.74	74.33 0.84 -39.83	80.32 0.79 -44.99	63.55 0.62 -33.33	30.49 0.35 -5.37	30.48 0.25 -5.31	32.44 0.22 -7.40	36.15 0.25 -10.78	34.79 0.22 -7.21	35.68 0.29 -6.05	37.32 0.26 -4.81	37.39 0.22 -0.05	48.42 0.46 -2.09	68.50 0.74 -21.08	68.76 0.91 -22.32	86.96 0.74 -45.26	69.33 0.76 -34.00	64.52 0.68 -33.09	63.41 0.62 -33.50
HARDSCRABBLE_WT_PWR 323673	29.24 0.42 -1.05	27.40 0.41 -1.12	25.46 0.36 -1.02	24.21 0.36 -1.03	24.07 0.36 -1.26	29.01 0.43 -1.40	35.63 0.61 -1.37	36.67 0.59 -1.55	31.18 0.44 -1.14	25.26 0.30 -0.18	25.43 0.32 -0.18	25.36 0.30 -0.25	25.78 0.30 -0.37	27.97 0.35 -0.25	29.95 0.41 -0.21	32.94 0.51 -0.17	37.59 0.48 0.00	46.54 0.59 -0.07	48.05 0.65 -0.72	46.97 0.68 -0.76	43.20 0.70 -1.54	36.31 0.59 -1.16	32.40 0.52 -1.13	30.90 0.47 -1.14
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.82 1.06 0.00	26.77 0.91 0.00	25.02 0.94 0.00	23.61 0.80 0.00	23.28 0.83 0.00	28.15 0.98 0.00	34.97 1.31 0.00	35.98 1.45 0.00	31.26 1.21 -0.45	26.14 1.16 -0.19	26.19 1.27 0.00	26.10 1.29 0.00	26.47 1.36 0.00	29.04 1.48 -0.19	31.42 1.76 -0.33	33.89 1.87 0.24	39.95 2.19 -0.65	49.08 2.48 -0.73	49.50 2.43 -0.39	47.81 2.19 -0.10	43.10 2.13 0.00	36.44 1.87 0.00	32.29 1.54 0.00	30.67 1.38 0.00
HARSNRAD_115KV_TB1 81005	27.74 -0.03 0.00	26.12 0.26 0.00	24.22 0.14 0.00	22.98 0.16 0.00	22.61 0.16 0.00	27.53 0.35 0.00	33.29 -0.37 0.00	33.60 -0.93 0.00	28.74 -0.86 0.00	23.94 -0.84 0.00	24.15 -0.77 0.00	24.16 -0.65 0.00	24.58 -0.53 0.00	26.76 -0.60 0.00	28.63 -0.70 0.00	30.61 -0.90 0.74	35.96 -1.15 0.00	44.04 -1.83 0.00	44.91 -1.77 0.00	43.98 -1.55 0.00	39.94 -1.02 0.00	33.60 -0.97 0.00	30.29 -0.46 0.00	29.53 0.23 0.00
HARZA MOOSE___RIVER 24016	37.18 0.81 -8.61	35.85 0.78 -9.21	33.16 0.70 -8.38	31.94 0.66 -8.46	33.41 0.63 -10.33	39.42 0.79 -11.46	45.97 1.11 -11.20	48.26 1.07 -12.65	39.74 0.77 -9.37	26.71 0.42 -1.51	26.79 0.37 -1.49	27.24 0.35 -2.08	28.52 0.38 -3.03	29.83 0.44 -2.03	31.50 0.47 -1.70	34.19 0.58 -1.36	37.83 0.71 -0.02	47.56 1.10 -0.59	53.98 1.40 -5.90	53.33 1.55 -6.25	55.07 1.43 -12.67	45.23 1.14 -9.52	41.00 0.98 -9.27	39.50 0.82 -9.38
HDSNBRDG_115KV_BRDG_TB1 355580	28.86 -0.31 -1.40	27.10 -0.26 -1.50	25.16 -0.29 -1.37	23.92 -0.27 -1.38	23.86 -0.27 -1.68	28.80 -0.24 -1.87	35.15 -0.34 -1.82	36.22 -0.38 -2.06	30.71 -0.41 -1.53	24.60 -0.42 -0.25	24.74 -0.42 -0.24	24.75 -0.40 -0.34	25.23 -0.38 -0.49	27.34 -0.36 -0.33	29.08 -0.53 -0.28	31.62 -0.58 0.06	36.59 -0.52 0.00	45.32 -0.64 -0.09	46.93 -0.61 -0.86	45.85 -0.59 -0.91	42.40 -0.41 -1.85	35.58 -0.38 -1.39	31.86 -0.25 -1.35	30.43 -0.23 -1.37
HELLGATE_13_KV_LD 55870	29.30 1.53 0.00	27.21 1.34 0.00	25.45 1.37 0.00	24.00 1.19 0.00	23.66 1.21 0.00	28.48 1.30 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.83 1.72 -0.52	26.71 1.71 -0.22	26.77 1.84 0.00	26.69 1.89 0.00	27.07 1.96 0.00	29.72 2.13 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	50.06 3.35 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.67 2.70 0.00	36.75 2.18 0.00	32.75 2.00 0.00	31.14 1.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.30 1.53 0.00	27.21 1.34 0.00	25.45 1.37 0.00	24.00 1.19 0.00	23.66 1.21 0.00	28.48 1.30 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.83 1.72 -0.52	26.71 1.71 -0.22	26.77 1.84 0.00	26.69 1.89 0.00	27.07 1.96 0.00	29.72 2.13 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	50.06 3.35 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.67 2.70 0.00	36.75 2.18 0.00	32.75 2.00 0.00	31.14 1.85 0.00
HEMPSTEAD___ 23647	29.24 1.47 0.00	27.03 1.16 0.00	25.19 1.11 0.00	23.71 0.89 0.00	23.32 0.87 0.00	28.31 1.14 0.00	35.31 1.65 0.00	36.57 2.04 0.00	31.65 1.54 -0.52	26.49 1.49 -0.22	26.78 1.84 -0.02	26.73 1.91 -0.01	27.01 1.88 -0.01	29.66 2.05 -0.24	32.13 2.41 -0.40	36.91 2.55 -2.11	40.87 3.00 -0.76	49.73 3.03 -0.83	50.12 2.99 -0.45	48.19 2.55 -0.11	43.59 2.62 0.00	38.42 2.38 -1.47	32.83 2.06 -0.01	30.76 1.46 0.00
HICKLING___1 23621	28.18 0.42 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.85 0.40 0.00	27.91 0.73 0.00	34.37 0.71 0.00	35.02 0.48 0.00	29.80 0.21 0.00	24.76 -0.02 0.00	24.90 -0.02 0.00	24.86 0.05 0.00	25.24 0.13 0.00	27.56 0.19 0.00	29.48 0.15 0.00	31.84 0.03 0.45	37.26 0.15 0.00	46.06 0.18 0.00	47.01 0.33 0.00	45.94 0.41 0.00	41.58 0.61 0.00	34.95 0.38 0.00	31.28 0.52 0.00	29.94 0.64 0.00
HICKLING___2 23622	28.18 0.42 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.85 0.40 0.00	27.91 0.73 0.00	34.37 0.71 0.00	35.02 0.48 0.00	29.80 0.21 0.00	24.76 -0.02 0.00	24.90 -0.02 0.00	24.86 0.05 0.00	25.24 0.13 0.00	27.56 0.19 0.00	29.48 0.15 0.00	31.84 0.03 0.45	37.26 0.15 0.00	46.06 0.18 0.00	47.01 0.33 0.00	45.94 0.41 0.00	41.58 0.61 0.00	34.95 0.38 0.00	31.28 0.52 0.00	29.94 0.64 0.00
HIGH FALLS___HY 23754	29.13 1.36 0.00	27.00 1.14 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.26 1.73 0.00	31.30 1.45 -0.25	26.20 1.31 -0.11	26.32 1.40 0.00	26.25 1.44 0.00	26.64 1.53 0.00	29.14 1.67 -0.11	31.48 1.97 -0.18	33.85 2.06 0.47	39.88 2.41 -0.36	49.12 2.84 -0.40	49.69 2.80 -0.21	48.22 2.64 -0.05	43.51 2.54 0.00	36.82 2.25 0.00	32.60 1.85 0.00	31.03 1.73 0.00
HIGH_RIVER___SOLAR 323847	28.74 0.97 0.00	26.77 0.90 0.00	24.94 0.87 0.00	23.64 0.82 0.00	23.26 0.81 0.00	28.18 1.01 0.00	34.87 1.21 0.00	35.64 1.10 0.00	29.70 0.44 0.34	24.69 0.05 0.14	24.80 -0.12 0.00	24.61 -0.20 0.00	24.86 -0.25 0.00	26.98 -0.25 0.14	28.97 -0.12 0.25	31.11 0.00 1.15	37.08 0.45 0.48	46.57 1.24 0.54	48.16 1.77 0.29	47.33 1.87 0.07	42.73 1.76 0.00	35.99 1.42 0.00	31.99 1.23 0.00	30.29 1.00 0.00
HILLBURN___GT 23639	28.74 0.97 0.00	26.72 0.85 0.00	24.97 0.89 0.00	23.57 0.75 0.00	23.23 0.79 0.00	28.10 0.92 0.00	34.90 1.25 0.00	35.95 1.42 0.00	31.31 1.24 -0.47	26.17 1.19 -0.20	26.29 1.37 0.00	26.22 1.41 0.00	26.54 1.43 0.00	29.12 1.56 -0.20	31.58 1.91 -0.34	34.06 2.03 0.24	40.23 2.45 -0.67	49.19 2.57 -0.75	49.56 2.47 -0.40	47.81 2.19 -0.10	43.14 2.17 0.00	36.44 1.87 0.00	32.26 1.51 0.00	30.38 1.08 0.00
HILLSIDE_115KV_TB1 80332	27.71 -0.06 0.00	25.92 0.05 0.00	24.05 -0.02 0.00	22.79 -0.02 0.00	22.47 0.02 0.00	27.39 0.22 0.00	33.73 0.07 0.00	34.43 -0.10 0.00	29.36 -0.24 0.00	24.46 -0.32 0.00	24.62 -0.30 0.00	24.56 -0.25 0.00	24.91 -0.20 0.00	27.20 -0.16 0.00	29.10 -0.23 0.00	31.57 -0.26 0.43	36.89 -0.22 0.00	45.60 -0.28 0.00	46.49 -0.19 0.00	45.39 -0.14 0.00	41.09 0.12 0.00	34.54 -0.03 0.00	30.88 0.12 0.00	29.56 0.26 0.00

HISHELDN_WT_PWR 323625	27.80 0.03 0.00	26.05 0.18 0.00	24.15 0.07 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.61 0.43 0.00	33.66 0.00 0.00	34.05 -0.48 0.00	28.97 -0.62 0.00	24.16 -0.62 0.00	24.35 -0.57 0.00	24.36 -0.45 0.00	24.76 -0.35 0.00	26.98 -0.38 0.00	28.83 -0.50 0.00	30.62 -0.87 0.77	36.29 -0.82 0.00	44.64 -1.24 0.00	45.61 -1.07 0.00	44.66 -0.87 0.00	40.52 -0.45 0.00	34.05 -0.52 0.00	30.63 -0.12 0.00	29.76 0.47 0.00
HOLTSVILLE_IC_1 23690	29.57 1.80 0.00	27.28 1.42 0.00	25.35 1.28 0.00	23.82 1.00 0.00	23.41 0.96 0.00	28.48 1.30 0.00	35.54 1.88 0.00	36.85 2.31 0.00	31.71 1.60 -0.52	26.59 1.59 -0.22	27.05 2.12 -0.01	27.00 2.18 -0.01	27.18 2.06 -0.01	29.81 2.22 -0.23	32.33 2.61 -0.39	36.46 2.87 -1.33	41.28 3.41 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.13 3.15 -0.01	38.59 3.04 -0.98	33.25 2.49 -0.01	31.05 1.76 0.00
HOLTSVILLE_IC_10 23699	29.82 2.05 0.00	27.47 1.60 0.00	25.52 1.44 0.00	23.98 1.16 0.00	23.55 1.10 0.00	28.69 1.52 0.00	35.78 2.12 0.00	37.09 2.56 0.00	31.89 1.78 -0.52	26.74 1.73 -0.22	27.30 2.37 -0.01	27.27 2.46 -0.01	27.41 2.28 -0.01	30.03 2.43 -0.23	32.60 2.88 -0.39	36.80 3.19 -1.35	41.69 3.82 -0.75	50.74 4.04 -0.83	51.20 4.06 -0.46	49.19 3.55 -0.11	44.58 3.61 -0.01	39.02 3.46 -0.99	33.59 2.83 -0.01	31.32 2.02 0.00
HOLTSVILLE_IC_2 23691	29.57 1.80 0.00	27.28 1.42 0.00	25.35 1.28 0.00	23.82 1.00 0.00	23.41 0.96 0.00	28.48 1.30 0.00	35.54 1.88 0.00	36.85 2.31 0.00	31.71 1.60 -0.52	26.59 1.59 -0.22	27.05 2.12 -0.01	27.00 2.18 -0.01	27.18 2.06 -0.01	29.81 2.22 -0.23	32.33 2.61 -0.39	36.46 2.87 -1.33	41.28 3.41 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.13 3.15 -0.01	38.59 3.04 -0.98	33.25 2.49 -0.01	31.05 1.76 0.00
HOLTSVILLE_IC_3 23692	29.57 1.80 0.00	27.28 1.42 0.00	25.35 1.28 0.00	23.82 1.00 0.00	23.41 0.96 0.00	28.48 1.30 0.00	35.54 1.88 0.00	36.85 2.31 0.00	31.71 1.60 -0.52	26.59 1.59 -0.22	27.05 2.12 -0.01	27.00 2.18 -0.01	27.18 2.06 -0.01	29.81 2.22 -0.23	32.33 2.61 -0.39	36.46 2.87 -1.33	41.28 3.41 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.13 3.15 -0.01	38.59 3.04 -0.98	33.25 2.49 -0.01	31.05 1.76 0.00
HOLTSVILLE_IC_4 23693	29.57 1.80 0.00	27.28 1.42 0.00	25.35 1.28 0.00	23.82 1.00 0.00	23.41 0.96 0.00	28.48 1.30 0.00	35.54 1.88 0.00	36.85 2.31 0.00	31.71 1.60 -0.52	26.59 1.59 -0.22	27.05 2.12 -0.01	27.00 2.18 -0.01	27.18 2.06 -0.01	29.81 2.22 -0.23	32.33 2.61 -0.39	36.46 2.87 -1.33	41.28 3.41 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.13 3.15 -0.01	38.59 3.04 -0.98	33.25 2.49 -0.01	31.05 1.76 0.00
HOLTSVILLE_IC_5 23694	29.57 1.80 0.00	27.28 1.42 0.00	25.35 1.28 0.00	23.82 1.00 0.00	23.41 0.96 0.00	28.48 1.30 0.00	35.54 1.88 0.00	36.85 2.31 0.00	31.71 1.60 -0.52	26.59 1.59 -0.22	27.05 2.12 -0.01	27.00 2.18 -0.01	27.18 2.06 -0.01	29.81 2.22 -0.23	32.33 2.61 -0.39	36.46 2.87 -1.33	41.28 3.41 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.13 3.15 -0.01	38.59 3.04 -0.98	33.25 2.49 -0.01	31.05 1.76 0.00
HOLTSVILLE_IC_6 23695	29.82 2.05 0.00	27.47 1.60 0.00	25.52 1.44 0.00	23.98 1.16 0.00	23.55 1.10 0.00	28.69 1.52 0.00	35.78 2.12 0.00	37.09 2.56 0.00	31.89 1.78 -0.52	26.74 1.73 -0.22	27.30 2.37 -0.01	27.27 2.46 -0.01	27.41 2.28 -0.01	30.03 2.43 -0.23	32.60 2.88 -0.39	36.80 3.19 -1.35	41.69 3.82 -0.75	50.74 4.04 -0.83	51.20 4.06 -0.46	49.19 3.55 -0.11	44.58 3.61 -0.01	39.02 3.46 -0.99	33.59 2.83 -0.01	31.32 2.02 0.00
HOLTSVILLE_IC_7 23696	29.82 2.05 0.00	27.47 1.60 0.00	25.52 1.44 0.00	23.98 1.16 0.00	23.55 1.10 0.00	28.69 1.52 0.00	35.78 2.12 0.00	37.09 2.56 0.00	31.89 1.78 -0.52	26.74 1.73 -0.22	27.30 2.37 -0.01	27.27 2.46 -0.01	27.41 2.28 -0.01	30.03 2.43 -0.23	32.60 2.88 -0.39	36.80 3.19 -1.35	41.69 3.82 -0.75	50.74 4.04 -0.83	51.20 4.06 -0.46	49.19 3.55 -0.11	44.58 3.61 -0.01	39.02 3.46 -0.99	33.59 2.83 -0.01	31.32 2.02 0.00
HOLTSVILLE_IC_8 23697	29.82 2.05 0.00	27.47 1.60 0.00	25.52 1.44 0.00	23.98 1.16 0.00	23.55 1.10 0.00	28.69 1.52 0.00	35.78 2.12 0.00	37.09 2.56 0.00	31.89 1.78 -0.52	26.74 1.73 -0.22	27.30 2.37 -0.01	27.27 2.46 -0.01	27.41 2.28 -0.01	30.03 2.43 -0.23	32.60 2.88 -0.39	36.80 3.19 -1.35	41.69 3.82 -0.75	50.74 4.04 -0.83	51.20 4.06 -0.46	49.19 3.55 -0.11	44.58 3.61 -0.01	39.02 3.46 -0.99	33.59 2.83 -0.01	31.32 2.02 0.00
HOLTSVILLE_IC_9 23698	29.82 2.05 0.00	27.47 1.60 0.00	25.52 1.44 0.00	23.98 1.16 0.00	23.55 1.10 0.00	28.69 1.52 0.00	35.78 2.12 0.00	37.09 2.56 0.00	31.89 1.78 -0.52	26.74 1.73 -0.22	27.30 2.37 -0.01	27.27 2.46 -0.01	27.41 2.28 -0.01	30.03 2.43 -0.23	32.60 2.88 -0.39	36.80 3.19 -1.35	41.69 3.82 -0.75	50.74 4.04 -0.83	51.20 4.06 -0.46	49.19 3.55 -0.11	44.58 3.61 -0.01	39.02 3.46 -0.99	33.59 2.83 -0.01	31.32 2.02 0.00
HOMER_HL_115KV_TB2 355744	27.10 -0.67 0.00	25.50 -0.36 0.00	23.62 -0.46 0.00	22.41 -0.41 0.00	22.09 -0.36 0.00	27.12 -0.05 0.00	33.19 -0.47 0.00	33.77 -0.76 0.00	28.80 -0.80 0.00	23.99 -0.79 0.00	24.20 -0.72 0.00	24.21 -0.60 0.00	24.61 -0.50 0.00	26.82 -0.55 0.00	28.71 -0.62 0.00	30.73 -0.77 0.76	36.15 -0.96 0.00	44.41 -1.47 0.00	45.23 -1.45 0.00	44.21 -1.32 0.00	39.98 -0.98 0.00	33.60 -0.97 0.00	30.20 -0.55 0.00	29.12 -0.18 0.00
HOWARD_WT_PWR 323690	28.35 0.58 0.00	26.48 0.62 0.00	24.56 0.48 0.00	23.36 0.55 0.00	23.03 0.58 0.00	28.12 0.95 0.00	34.63 0.98 0.00	35.16 0.62 0.00	29.80 0.21 0.00	24.71 -0.07 0.00	24.85 -0.07 0.00	24.81 0.00 0.00	25.21 0.10 0.00	27.56 0.19 0.00	29.42 0.09 0.00	31.61 -0.06 0.59	37.30 0.19 0.00	46.15 0.28 0.00	47.28 0.61 0.00	46.30 0.77 0.00	41.95 0.98 0.00	35.19 0.62 0.00	31.58 0.83 0.00	30.38 1.08 0.00
HQ_GEN_CEDARS 23644	90.70 0.11 -62.82	93.14 0.08 -67.20	85.38 0.12 -61.19	84.68 0.11 -61.75	97.97 0.11 -75.41	110.92 0.11 -83.63	115.55 0.13 -81.76	126.99 0.10 -92.35	98.26 0.24 -68.42	36.02 0.22 -11.02	36.01 0.20 -10.89	40.18 0.17 -15.20	47.37 0.13 -22.14	42.27 0.11 -14.79	41.90 0.15 -12.43	42.12 0.00 -9.86	37.30 0.07 -0.11	50.26 0.09 -4.30	90.09 0.09 -43.32	91.58 0.18 -45.87	133.87 -0.12 -93.02	104.49 0.03 -69.89	98.83 0.06 -68.01	98.24 0.09 -68.85
HQ_GEN_CEDARS_PROXY 323590	90.67 0.08 -62.82	93.14 0.08 -67.20	85.36 0.10 -61.19	84.68 0.11 -61.75	97.97 0.11 -75.41	110.92 0.11 -83.63	115.55 0.14 -81.76	126.99 0.10 -92.35	98.25 0.24 -68.42	35.99 0.20 -11.02	35.99 0.18 -10.89	40.18 0.17 -15.20	47.40 0.15 -22.14	42.18 0.03 -14.79	41.93 0.18 -12.43	42.22 0.10 -9.86	37.26 0.04 -0.11	50.26 0.09 -4.30	90.09 0.09 -43.32	91.58 0.18 -45.87	133.87 -0.12 -93.02	104.49 0.03 -69.89	98.83 0.06 -68.01	98.24 0.09 -68.85

HQ_GEN_IMPORT 323601	25.31 -0.19 2.27	23.26 -0.18 2.43	21.73 -0.14 2.21	20.45 -0.14 2.23	19.59 -0.13 2.72	23.97 -0.19 3.02	30.51 -0.20 2.95	30.96 -0.24 3.33	27.04 -0.09 2.47	24.33 -0.05 0.40	24.46 -0.07 0.39	24.19 -0.07 0.55	24.21 -0.10 0.80	26.67 -0.16 0.53	28.76 -0.12 0.45	31.74 -0.16 0.36	36.92 -0.18 0.00	45.49 -0.23 0.16	44.88 -0.23 1.57	43.69 -0.18 1.66	37.23 -0.37 3.36	31.80 -0.24 2.53	28.08 -0.21 2.46	26.60 -0.20 2.49
HQ_GEN_WHEEL 23651	25.31 -0.19 2.27	23.26 -0.18 2.43	21.73 -0.14 2.21	20.45 -0.14 2.23	19.59 -0.13 2.72	23.97 -0.19 3.02	30.51 -0.20 2.95	30.96 -0.24 3.33	27.04 -0.09 2.47	24.33 -0.05 0.40	24.46 -0.07 0.39	24.19 -0.07 0.55	24.21 -0.10 0.80	26.67 -0.16 0.53	28.76 -0.12 0.45	31.74 -0.16 0.36	36.92 -0.18 0.00	45.49 -0.23 0.16	44.88 -0.23 1.57	43.69 -0.18 1.66	37.23 -0.37 3.36	31.80 -0.24 2.53	28.08 -0.21 2.46	26.60 -0.20 2.49
HUDSON AVE_GT_3 23810	29.10 1.33 0.00	27.03 1.16 0.00	25.28 1.20 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.42 1.25 0.00	35.37 1.72 0.00	36.47 1.93 0.00	31.80 1.69 -0.52	26.66 1.66 -0.22	26.74 1.82 0.00	26.67 1.86 0.00	27.02 1.91 0.00	29.67 2.08 -0.22	32.15 2.43 -0.38	34.65 2.61 0.22	40.93 3.08 -0.74	49.96 3.26 -0.83	50.26 3.13 -0.45	48.37 2.73 -0.11	43.67 2.70 0.00	36.82 2.25 0.00	32.66 1.91 0.00	30.97 1.67 0.00
HUDSON AVE_GT_4 23540	29.10 1.33 0.00	27.03 1.16 0.00	25.28 1.20 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.42 1.25 0.00	35.37 1.72 0.00	36.47 1.93 0.00	31.80 1.69 -0.52	26.66 1.66 -0.22	26.74 1.82 0.00	26.67 1.86 0.00	27.02 1.91 0.00	29.67 2.08 -0.22	32.15 2.43 -0.38	34.65 2.61 0.22	40.93 3.08 -0.74	49.96 3.26 -0.83	50.26 3.13 -0.45	48.37 2.73 -0.11	43.67 2.70 0.00	36.82 2.25 0.00	32.66 1.91 0.00	30.97 1.67 0.00
HUDSON AVE_GT_5 23657	29.10 1.33 0.00	27.03 1.16 0.00	25.28 1.20 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.42 1.25 0.00	35.37 1.72 0.00	36.47 1.93 0.00	31.80 1.69 -0.52	26.66 1.66 -0.22	26.74 1.82 0.00	26.67 1.86 0.00	27.02 1.91 0.00	29.67 2.08 -0.22	32.15 2.43 -0.38	34.65 2.61 0.22	40.93 3.08 -0.74	49.96 3.26 -0.83	50.26 3.13 -0.45	48.37 2.73 -0.11	43.67 2.70 0.00	36.82 2.25 0.00	32.66 1.91 0.00	30.97 1.67 0.00
HUDSON_AVE_10 24168	29.05 1.28 0.00	26.95 1.09 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.46 1.01 0.00	28.37 1.20 0.00	35.31 1.65 0.00	36.43 1.90 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.69 1.77 0.00	26.62 1.81 0.00	26.99 1.88 0.00	29.61 2.03 -0.22	32.12 2.41 -0.38	34.59 2.55 0.22	40.90 3.04 -0.74	49.87 3.17 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.59 2.62 0.00	36.75 2.18 0.00	32.63 1.88 0.00	30.91 1.61 0.00
HUDSON___115KV_TB 4 355613	28.66 0.89 0.00	26.64 0.78 0.00	24.85 0.77 0.00	23.55 0.73 0.00	23.17 0.72 0.00	27.96 0.79 0.00	34.57 0.91 0.00	35.47 0.93 0.00	29.98 0.65 0.27	25.09 0.42 0.11	25.12 0.20 0.00	24.98 0.17 0.00	25.29 0.18 0.00	27.58 0.33 0.11	29.57 0.44 0.20	31.68 0.48 1.06	37.43 0.71 0.38	46.82 1.38 0.43	48.04 1.59 0.23	47.02 1.55 0.06	42.28 1.31 0.00	35.71 1.14 0.00	31.65 0.89 0.00	30.23 0.94 0.00
HUNTER MOUNT___DRP 323613	28.77 1.00 0.00	26.72 0.85 0.00	24.92 0.84 0.00	23.61 0.80 0.00	23.23 0.79 0.00	28.04 0.87 0.00	34.67 1.01 0.00	35.50 0.97 0.00	30.17 0.74 0.17	25.18 0.47 0.07	25.02 0.10 0.00	24.88 0.07 0.00	25.19 0.08 0.00	27.62 0.33 0.07	29.67 0.47 0.12	31.82 0.52 0.96	37.65 0.78 0.24	47.21 1.61 0.27	48.35 1.82 0.15	47.36 1.87 0.04	42.36 1.39 0.00	35.85 1.28 0.00	31.74 0.98 0.00	30.35 1.05 0.00
HUNTINGTON_RES_REC 323705	29.46 1.69 0.00	27.16 1.29 0.00	25.26 1.18 0.00	23.75 0.94 0.00	23.32 0.87 0.00	28.40 1.22 0.00	35.44 1.78 0.00	36.71 2.18 0.00	31.65 1.54 -0.52	26.54 1.54 -0.22	26.98 2.04 -0.01	26.95 2.13 -0.01	27.13 2.01 -0.01	29.73 2.14 -0.23	32.27 2.55 -0.39	36.42 2.81 -1.35	41.02 3.15 -0.75	49.78 3.07 -0.83	50.15 3.03 -0.43	48.19 2.55 -0.11	43.61 2.66 0.01	38.47 2.90 -1.00	33.16 2.40 -0.01	30.97 1.67 0.00
HUNTLEY___63 23557	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.58 0.13 0.00	27.77 0.60 0.00	33.39 -0.27 0.00	33.77 -0.76 0.00	28.89 -0.71 0.00	24.09 -0.69 0.00	24.30 -0.62 0.00	24.34 -0.47 0.00	24.73 -0.38 0.00	26.93 -0.44 0.00	28.83 -0.50 0.00	30.85 -0.68 0.73	36.18 -0.93 0.00	44.31 -1.56 0.00	45.14 -1.54 0.00	44.21 -1.32 0.00	40.15 -0.82 0.00	33.74 -0.83 0.00	30.42 -0.34 0.00	29.56 0.26 0.00
HUNTLEY___64 23558	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.58 0.13 0.00	27.77 0.60 0.00	33.39 -0.27 0.00	33.77 -0.76 0.00	28.89 -0.71 0.00	24.09 -0.69 0.00	24.30 -0.62 0.00	24.34 -0.47 0.00	24.73 -0.38 0.00	26.93 -0.44 0.00	28.83 -0.50 0.00	30.85 -0.68 0.73	36.18 -0.93 0.00	44.31 -1.56 0.00	45.14 -1.54 0.00	44.21 -1.32 0.00	40.15 -0.82 0.00	33.74 -0.83 0.00	30.42 -0.34 0.00	29.56 0.26 0.00
HUNTLEY___65 23559	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.58 0.13 0.00	27.77 0.60 0.00	33.39 -0.27 0.00	33.77 -0.76 0.00	28.89 -0.71 0.00	24.09 -0.69 0.00	24.30 -0.62 0.00	24.34 -0.47 0.00	24.73 -0.38 0.00	26.93 -0.44 0.00	28.83 -0.50 0.00	30.85 -0.68 0.73	36.18 -0.93 0.00	44.31 -1.56 0.00	45.14 -1.54 0.00	44.21 -1.32 0.00	40.15 -0.82 0.00	33.74 -0.83 0.00	30.42 -0.34 0.00	29.56 0.26 0.00
HUNTLEY___66 23560	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.58 0.13 0.00	27.77 0.60 0.00	33.39 -0.27 0.00	33.77 -0.76 0.00	28.89 -0.71 0.00	24.09 -0.69 0.00	24.30 -0.62 0.00	24.34 -0.47 0.00	24.73 -0.38 0.00	26.93 -0.44 0.00	28.83 -0.50 0.00	30.85 -0.68 0.73	36.18 -0.93 0.00	44.31 -1.56 0.00	45.14 -1.54 0.00	44.21 -1.32 0.00	40.15 -0.82 0.00	33.74 -0.83 0.00	30.42 -0.34 0.00	29.56 0.26 0.00
HUNTLEY___67 23561	27.60 -0.17 0.00	25.97 0.10 0.00	24.08 0.00 0.00	22.82 0.00 0.00	22.47 0.02 0.00	27.55 0.38 0.00	33.25 -0.40 0.00	33.67 -0.86 0.00	28.77 -0.83 0.00	23.99 -0.79 0.00	24.23 -0.70 0.00	24.24 -0.57 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.68 -0.65 0.00	30.70 -0.84 0.72	36.03 -1.08 0.00	44.18 -1.70 0.00	45.00 -1.68 0.00	44.03 -1.50 0.00	39.98 -0.98 0.00	33.64 -0.93 0.00	30.32 -0.43 0.00	29.44 0.15 0.00
HUNTLEY___68 23562	27.60 -0.17 0.00	25.97 0.10 0.00	24.08 0.00 0.00	22.82 0.00 0.00	22.47 0.02 0.00	27.55 0.38 0.00	33.25 -0.40 0.00	33.67 -0.86 0.00	28.77 -0.83 0.00	23.99 -0.79 0.00	24.23 -0.70 0.00	24.24 -0.57 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.68 -0.65 0.00	30.70 -0.84 0.72	36.03 -1.08 0.00	44.18 -1.70 0.00	45.00 -1.68 0.00	44.03 -1.50 0.00	39.98 -0.98 0.00	33.64 -0.93 0.00	30.32 -0.43 0.00	29.44 0.15 0.00



HYLAND___LFGE 323620	29.38 1.61 0.00	27.44 1.58 0.00	25.40 1.32 0.00	24.14 1.32 0.00	23.70 1.26 0.00	28.99 1.82 0.00	35.71 2.05 0.00	36.36 1.83 0.00	30.63 1.04 0.00	25.08 0.30 0.00	25.02 0.10 0.00	24.88 0.07 0.00	25.31 0.20 0.00	27.69 0.33 0.00	29.59 0.26 0.00	32.03 0.39 0.62	38.07 0.96 0.00	47.62 1.74 0.00	49.06 2.38 0.00	48.26 2.73 0.00	43.75 2.79 0.00	36.57 2.00 0.00	32.72 1.97 0.00	31.23 1.93 0.00
INDECK___CORINTH 23802	29.82 2.05 0.00	27.80 1.94 0.00	25.91 1.83 0.00	24.57 1.76 0.00	24.18 1.73 0.00	29.32 2.15 0.00	35.95 2.29 0.00	37.02 2.49 0.00	30.63 1.57 0.53	25.47 0.92 0.23	25.62 0.70 0.00	25.40 0.59 0.00	25.54 0.43 0.00	27.69 0.55 0.23	29.73 0.79 0.39	31.98 1.06 1.34	38.06 1.71 0.76	48.23 3.21 0.85	49.96 3.74 0.46	49.19 3.78 0.11	44.37 3.40 0.00	37.23 2.66 0.00	33.09 2.34 0.00	31.41 2.11 0.00
INDECK___ILION 23567	29.15 0.33 -1.05	27.32 0.34 -1.12	25.42 0.31 -1.02	24.12 0.27 -1.03	23.98 0.27 -1.26	28.90 0.33 -1.40	35.50 0.47 -1.37	36.53 0.45 -1.55	31.07 0.33 -1.14	25.21 0.25 -0.18	25.36 0.25 -0.18	25.29 0.22 -0.25	25.73 0.25 -0.37	27.89 0.27 -0.25	29.86 0.32 -0.21	32.81 0.39 -0.17	37.48 0.37 0.00	46.45 0.50 -0.07	47.91 0.51 -0.72	46.84 0.55 -0.76	43.04 0.53 -1.54	36.18 0.45 -1.16	32.25 0.37 -1.13	30.79 0.35 -1.14
INDECK___OLEAN 23982	27.13 -0.64 0.00	25.40 -0.46 0.00	23.57 -0.51 0.00	22.43 -0.39 0.00	22.13 -0.31 0.00	27.06 -0.11 0.00	33.22 -0.44 0.00	33.74 -0.79 0.00	28.74 -0.86 0.00	24.01 -0.77 0.00	24.23 -0.70 0.00	24.24 -0.57 0.00	24.63 -0.48 0.00	26.84 -0.52 0.00	28.68 -0.65 0.00	30.54 -0.97 0.76	36.11 -1.00 0.00	44.40 -1.47 0.00	45.23 -1.45 0.00	44.21 -1.32 0.00	39.98 -0.98 0.00	33.60 -0.97 0.00	30.20 -0.55 0.00	29.15 -0.15 0.00
INDECK___OSWEGO 23783	29.35 -0.47 -2.05	27.64 -0.41 -2.19	25.64 -0.43 -2.00	24.45 -0.39 -2.02	24.53 -0.38 -2.46	29.47 -0.44 -2.73	35.82 -0.50 -2.67	36.96 -0.59 -3.02	31.24 -0.59 -2.23	24.59 -0.55 -0.36	24.71 -0.57 -0.36	24.74 -0.57 -0.50	25.28 -0.55 -0.72	27.30 -0.55 -0.48	28.91 -0.82 -0.41	33.35 -0.94 -2.03	36.26 -0.85 0.00	44.99 -1.01 -0.13	47.01 -0.98 -1.31	46.01 -0.91 -1.39	43.09 -0.70 -2.82	36.03 -0.66 -2.12	32.26 -0.55 -2.06	31.03 -0.35 -2.09
INDECK___YERKES 23781	27.80 0.03 0.00	26.07 0.21 0.00	24.18 0.10 0.00	23.00 0.18 0.00	22.63 0.18 0.00	27.74 0.57 0.00	33.49 -0.17 0.00	33.81 -0.71 0.00	28.89 -0.71 0.00	24.14 -0.64 0.00	24.35 -0.57 0.00	24.39 -0.42 0.00	24.81 -0.30 0.00	27.01 -0.36 0.00	28.86 -0.47 0.00	30.59 -0.94 0.73	36.15 -1.51 0.00	44.36 -1.50 0.00	45.18 -1.27 0.00	44.25 -0.82 0.00	40.15 -0.83 0.00	33.74 -0.31 0.00	30.45 -0.31 0.00	29.74 0.44 0.00
INDIAN POINT_GT_1 24139	28.82 1.06 0.00	26.79 0.93 0.00	25.02 0.94 0.00	23.64 0.82 0.00	23.28 0.83 0.00	28.15 0.98 0.00	35.00 1.35 0.00	36.05 1.52 0.00	31.44 1.33 -0.51	26.29 1.29 -0.22	26.37 1.45 0.00	26.27 1.46 0.00	26.59 1.48 0.00	29.20 1.61 -0.22	31.61 1.91 -0.37	34.07 2.03 0.22	40.25 2.41 -0.73	49.26 2.57 -0.81	49.59 2.47 -0.44	47.82 2.19 -0.11	43.10 2.13 0.00	36.40 1.83 0.00	32.29 1.54 0.00	30.64 1.35 0.00
INDIAN POINT_GT_2 23659	28.82 1.06 0.00	26.79 0.93 0.00	25.02 0.94 0.00	23.64 0.82 0.00	23.28 0.83 0.00	28.15 0.98 0.00	35.00 1.35 0.00	36.05 1.52 0.00	31.44 1.33 -0.51	26.29 1.29 -0.22	26.37 1.45 0.00	26.27 1.46 0.00	26.59 1.48 0.00	29.20 1.61 -0.22	31.61 1.91 -0.37	34.07 2.03 0.22	40.25 2.41 -0.73	49.26 2.57 -0.81	49.59 2.47 -0.44	47.82 2.19 -0.11	43.10 2.13 0.00	36.40 1.83 0.00	32.29 1.54 0.00	30.64 1.35 0.00
INDIAN POINT_GT_3 24019	28.82 1.06 0.00	26.79 0.93 0.00	25.02 0.94 0.00	23.64 0.82 0.00	23.28 0.83 0.00	28.15 0.98 0.00	35.00 1.35 0.00	36.05 1.52 0.00	31.44 1.33 -0.51	26.29 1.29 -0.22	26.37 1.45 0.00	26.27 1.46 0.00	26.59 1.48 0.00	29.20 1.61 -0.22	31.61 1.91 -0.37	34.07 2.03 0.22	40.25 2.41 -0.73	49.26 2.57 -0.81	49.59 2.47 -0.44	47.82 2.19 -0.11	43.10 2.13 0.00	36.40 1.83 0.00	32.29 1.54 0.00	30.64 1.35 0.00
INDIAN POINT___2 23530	28.74 0.97 0.00	26.72 0.85 0.00	24.97 0.89 0.00	23.57 0.75 0.00	23.21 0.76 0.00	28.07 0.90 0.00	34.87 1.21 0.00	35.95 1.42 0.00	31.30 1.21 -0.49	26.18 1.19 -0.21	26.32 1.39 0.00	26.22 1.41 0.00	26.54 1.43 0.00	29.13 1.56 -0.21	31.60 1.91 -0.36	34.06 2.03 0.23	40.27 2.45 -0.71	49.19 2.52 -0.79	49.53 2.43 -0.43	47.77 2.14 -0.10	43.10 2.13 0.00	36.37 1.80 0.00	32.23 1.48 0.00	30.35 1.05 0.00
INDIAN POINT___3 23531	28.82 1.06 0.00	26.79 0.93 0.00	25.02 0.94 0.00	23.64 0.82 0.00	23.28 0.83 0.00	28.15 0.98 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.41 1.30 -0.51	26.26 1.26 -0.22	26.34 1.42 0.00	26.25 1.44 0.00	26.59 1.48 0.00	29.17 1.59 -0.22	31.61 1.91 -0.37	34.04 2.00 0.22	40.22 2.38 -0.73	49.22 2.52 -0.82	49.55 2.43 -0.44	47.78 2.14 -0.11	43.10 2.13 0.00	36.37 1.80 0.00	32.26 1.51 0.00	30.64 1.35 0.00
INGHAM_C_115KV_TB7 356103	29.29 0.47 -1.05	27.43 0.44 -1.12	25.51 0.41 -1.02	24.24 0.39 -1.03	24.09 0.38 -1.26	29.03 0.46 -1.40	35.70 0.67 -1.37	36.70 0.62 -1.55	31.21 0.47 -1.14	25.29 0.32 -0.18	25.43 0.32 -0.18	25.39 0.32 -0.25	25.83 0.35 -0.37	28.00 0.38 -0.25	29.98 0.44 -0.21	32.97 0.55 -0.17	37.63 0.52 0.00	46.59 0.64 -0.07	48.10 0.70 -0.72	47.02 0.73 -0.76	43.24 0.74 -1.54	36.35 0.62 -1.16	32.43 0.55 -1.13	30.93 0.50 -1.14
IP CORINTH___1 23988	29.85 2.08 0.00	27.83 1.97 0.00	25.96 1.88 0.00	24.62 1.80 0.00	24.22 1.77 0.00	29.35 2.17 0.00	36.05 2.39 0.00	37.09 2.56 0.00	30.69 1.63 0.53	25.49 0.94 0.23	25.62 0.70 0.00	25.40 0.60 0.00	25.59 0.48 0.00	27.71 0.57 0.23	29.73 0.79 0.39	31.98 1.06 1.34	38.06 1.71 0.76	48.23 3.21 0.85	49.96 3.73 0.46	49.20 3.78 0.11	44.37 3.40 0.00	37.23 2.66 0.00	33.06 2.31 0.00	31.52 2.23 0.00
IP___TICONDEROGA 23804	30.82 3.05 0.00	28.73 2.87 0.00	26.82 2.74 0.00	25.46 2.65 0.00	25.03 2.58 0.00	30.41 3.23 0.00	37.26 3.60 0.00	38.37 3.83 0.00	31.48 2.43 0.54	25.96 1.41 0.23	25.97 1.05 0.00	25.73 0.92 0.00	25.86 0.75 0.00	28.01 0.88 0.23	30.11 1.17 0.39	32.56 1.65 1.35	38.86 2.52 0.77	49.83 4.82 0.86	51.96 5.74 0.46	51.20 5.78 0.11	46.09 5.12 0.00	38.58 4.01 0.00	34.26 3.51 0.00	32.58 3.28 0.00
ISLIP_RES_REC 323679	29.93 2.17 0.00	27.57 1.71 0.00	25.62 1.54 0.00	24.05 1.23 0.00	23.64 1.19 0.00	28.78 1.60 0.00	35.95 2.29 0.00	37.23 2.70 0.00	32.01 1.90 -0.52	26.86 1.86 -0.22	27.43 2.49 -0.01	27.40 2.58 -0.01	27.53 2.41 -0.01	30.20 2.60 -0.23	32.74 3.02 -0.39	37.00 3.39 -1.36	41.91 4.05 -0.75	51.07 4.36 -0.83	51.48 4.34 -0.46	49.46 3.82 -0.11	44.83 3.85 -0.01	39.20 3.63 -1.00	33.75 2.98 -0.01	31.43 2.14 0.00

JAMAICA__27_KV_LOAD 355505	29.18 1.42 0.00	27.08 1.22 0.00	25.35 1.28 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.53 1.36 0.00	35.61 1.95 0.00	36.74 2.21 0.00	32.01 1.89 -0.52	26.86 1.86 -0.22	26.92 1.99 0.00	26.84 2.03 0.00	27.22 2.11 0.00	29.86 2.27 -0.22	32.38 2.67 -0.38	34.91 2.87 0.22	41.34 3.49 -0.74	50.33 3.62 -0.83	50.58 3.45 -0.45	48.69 3.05 -0.11	43.96 2.99 0.00	37.09 2.52 0.00	32.91 2.15 0.00	31.14 1.85 0.00
JANIS__SOLAR 323808	28.88 1.11 0.00	26.92 1.06 0.00	24.97 0.89 0.00	23.68 0.87 0.00	23.30 0.85 0.00	28.34 1.17 0.00	35.24 1.58 0.00	35.98 1.45 0.00	30.48 0.89 0.00	25.13 0.35 0.00	25.15 0.22 0.00	24.98 0.17 0.00	25.34 0.23 0.00	27.72 0.35 0.00	29.62 0.29 0.00	32.43 0.45 0.28	38.04 0.93 0.00	47.52 1.65 0.00	48.78 2.10 0.00	47.76 2.23 0.00	43.14 2.17 0.00	36.16 1.59 0.00	32.23 1.48 0.00	30.70 1.41 0.00
JARVIS____ 23743	28.99 0.17 -1.05	27.17 0.18 -1.12	25.25 0.15 -1.02	23.99 0.14 -1.03	23.85 0.14 -1.26	28.74 0.16 -1.40	35.23 0.20 -1.37	36.32 0.24 -1.55	30.89 0.15 -1.14	25.09 0.12 -0.18	25.23 0.13 -0.18	25.19 0.12 -0.25	25.61 0.13 -0.37	27.75 0.14 -0.25	29.72 0.18 -0.21	32.65 0.23 -0.17	37.30 0.19 0.00	46.18 0.23 -0.07	47.68 0.28 -0.72	46.52 0.23 -0.76	42.80 0.29 -1.54	35.94 0.21 -1.16	32.06 0.19 -1.13	30.58 0.15 -1.14
JENNISON____1 23625	28.93 1.17 0.00	26.98 1.11 0.00	25.07 0.99 0.00	23.73 0.91 0.00	23.35 0.90 0.00	28.34 1.17 0.00	35.21 1.55 0.00	36.05 1.52 0.00	30.66 1.07 0.00	25.45 0.67 0.00	25.55 0.62 0.00	25.40 0.60 0.00	25.76 0.65 0.00	28.16 0.79 0.00	30.18 0.85 0.00	32.88 1.00 0.38	38.48 1.37 0.00	47.80 1.93 0.00	48.87 2.19 0.00	47.85 2.32 0.00	43.22 2.25 0.00	36.30 1.73 0.00	32.29 1.54 0.00	30.67 1.38 0.00
JENNISON____2 23626	28.93 1.17 0.00	26.98 1.11 0.00	25.07 0.99 0.00	23.73 0.91 0.00	23.35 0.90 0.00	28.34 1.17 0.00	35.21 1.55 0.00	36.05 1.52 0.00	30.66 1.07 0.00	25.45 0.67 0.00	25.55 0.62 0.00	25.40 0.60 0.00	25.76 0.65 0.00	28.16 0.79 0.00	30.18 0.85 0.00	32.88 1.00 0.38	38.48 1.37 0.00	47.80 1.93 0.00	48.87 2.19 0.00	47.85 2.32 0.00	43.22 2.25 0.00	36.30 1.73 0.00	32.29 1.54 0.00	30.67 1.38 0.00
JERICOHO_RISE_WT_PWR 323719	34.78 0.14 -6.87	33.32 0.10 -7.35	30.89 0.12 -6.69	29.71 0.14 -6.76	30.88 0.18 -8.25	36.54 0.22 -9.15	42.87 0.27 -8.94	44.95 0.31 -10.10	37.58 0.50 -7.49	26.48 0.50 -1.21	26.39 0.27 -1.19	26.72 0.25 -1.66	27.76 0.23 -2.42	29.12 0.14 -1.62	30.98 0.29 -1.36	33.60 0.26 -1.08	37.42 0.30 -0.01	46.90 0.55 -0.47	51.93 0.51 -4.73	51.04 0.50 -5.01	51.21 0.08 -10.16	42.55 0.35 -7.64	38.46 0.28 -7.43	37.08 0.26 -7.52
KATONAH__115KV_46KV_TB4 355592	28.96 1.19 0.00	26.92 1.06 0.00	25.11 1.04 0.00	23.75 0.94 0.00	23.39 0.94 0.00	28.26 1.09 0.00	35.14 1.48 0.00	36.23 1.69 0.00	31.57 1.45 -0.52	26.39 1.39 -0.22	26.47 1.55 0.00	26.35 1.54 0.00	26.64 1.53 0.00	29.26 1.67 -0.22	31.73 2.02 -0.38	34.13 2.10 0.23	40.38 2.52 -0.74	49.50 2.80 -0.83	49.83 2.71 -0.45	48.10 2.46 -0.11	43.30 2.34 0.00	36.54 1.97 0.00	32.38 1.63 0.00	30.79 1.49 0.00
KCE_NY_1 323755	29.32 1.55 0.00	27.34 1.47 0.00	25.47 1.40 0.00	24.14 1.32 0.00	23.75 1.30 0.00	28.75 1.58 0.00	35.44 1.78 0.00	36.43 1.90 0.00	30.31 1.24 0.53	25.32 0.77 0.23	25.57 0.65 0.00	25.38 0.57 0.00	25.59 0.48 0.00	27.69 0.55 0.22	29.71 0.76 0.39	31.89 0.97 1.34	37.80 1.45 0.75	47.50 2.48 0.85	49.07 2.85 0.45	48.24 2.82 0.11	43.59 2.62 0.00	36.68 2.11 0.00	32.60 1.85 0.00	30.85 1.55 0.00
KCE_NY_6_ESR 323823	27.82 0.06 0.00	26.05 0.18 0.00	24.18 0.10 0.00	23.00 0.18 0.00	22.65 0.20 0.00	27.63 0.46 0.00	33.62 -0.03 0.00	34.02 -0.52 0.00	29.00 -0.59 0.00	24.24 -0.55 0.00	24.48 -0.45 0.00	24.49 -0.32 0.00	24.91 -0.20 0.00	27.15 -0.22 0.00	28.98 -0.35 0.00	30.82 -0.74 0.70	36.37 -0.74 0.00	44.68 -1.19 0.00	45.51 -1.17 0.00	44.53 -1.00 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.79 0.50 0.00
KEDC_PORT_JEFF_GT2 24210	29.74 1.97 0.00	27.41 1.55 0.00	25.47 1.40 0.00	23.93 1.12 0.00	23.50 1.06 0.00	28.61 1.44 0.00	35.68 2.02 0.00	36.92 2.38 0.00	31.74 1.63 -0.52	26.64 1.64 -0.22	27.20 2.27 -0.01	27.20 2.38 -0.01	27.30 2.18 -0.01	29.89 2.30 -0.23	32.42 2.70 -0.39	36.61 3.00 -1.35	41.46 3.60 -0.75	50.47 3.76 -0.83	50.88 3.74 -0.46	48.92 3.28 -0.11	44.38 3.40 -0.01	38.91 3.35 -0.99	33.50 2.74 -0.01	31.26 1.96 0.00
KEDC_PORT_JEFF_GT3 24211	29.74 1.97 0.00	27.41 1.55 0.00	25.47 1.40 0.00	23.93 1.12 0.00	23.50 1.06 0.00	28.61 1.44 0.00	35.68 2.02 0.00	36.92 2.38 0.00	31.74 1.63 -0.52	26.64 1.64 -0.22	27.20 2.27 -0.01	27.20 2.38 -0.01	27.30 2.18 -0.01	29.89 2.30 -0.23	32.42 2.70 -0.39	36.61 3.00 -1.35	41.46 3.60 -0.75	50.47 3.76 -0.83	50.88 3.74 -0.46	48.92 3.28 -0.11	44.38 3.40 -0.01	38.91 3.35 -0.99	33.50 2.74 -0.01	31.26 1.96 0.00
KEDC_GLWD_GT4 24219	29.24 1.47 0.00	27.08 1.22 0.00	25.26 1.18 0.00	23.80 0.98 0.00	23.41 0.96 0.00	28.40 1.22 0.00	35.37 1.72 0.00	36.57 2.04 0.00	31.74 1.63 -0.52	26.49 1.49 -0.22	26.74 1.80 -0.02	26.69 1.86 -0.02	27.06 1.93 -0.02	29.71 2.11 -0.24	32.19 2.46 -0.40	37.35 2.61 -2.48	40.99 3.12 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.71 2.75 0.00	38.69 2.42 -1.71	32.83 2.06 -0.02	30.79 1.49 0.00
KEDC_GLWD_GT5 24220	29.24 1.47 0.00	27.08 1.22 0.00	25.26 1.18 0.00	23.80 0.98 0.00	23.41 0.96 0.00	28.40 1.22 0.00	35.37 1.72 0.00	36.57 2.04 0.00	31.74 1.63 -0.52	26.49 1.49 -0.22	26.74 1.80 -0.02	26.69 1.86 -0.02	27.06 1.93 -0.02	29.71 2.11 -0.24	32.19 2.46 -0.40	37.35 2.61 -2.48	40.99 3.12 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.71 2.75 0.00	38.69 2.42 -1.71	32.83 2.06 -0.02	30.79 1.49 0.00
KENSICO____ 23655	28.91 1.14 0.00	26.87 1.01 0.00	25.09 1.01 0.00	23.71 0.89 0.00	23.35 0.90 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.54 1.42 -0.52	26.39 1.39 -0.22	26.47 1.55 0.00	26.37 1.56 0.00	26.72 1.61 0.00	29.34 1.75 -0.22	31.79 2.08 -0.38	34.23 2.19 0.22	40.45 2.60 -0.74	49.46 2.75 -0.83	49.79 2.66 -0.45	47.96 2.32 -0.11	43.26 2.29 0.00	36.51 1.94 0.00	32.38 1.63 0.00	30.73 1.44 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.13 1.36 0.00	27.03 1.16 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.50 1.06 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.26 1.73 0.00	31.29 1.42 -0.27	26.19 1.29 -0.12	26.24 1.32 0.00	26.15 1.34 0.00	26.54 1.43 0.00	29.07 1.59 -0.12	31.41 1.88 -0.20	33.80 1.97 0.42	39.84 2.34 -0.39	49.11 2.80 -0.44	49.71 2.80 -0.23	48.27 2.69 -0.06	43.51 2.54 0.00	36.82 2.25 0.00	32.57 1.81 0.00	31.03 1.73 0.00

KIAC_JFK_GT1 23816	29.05 1.28 0.00	26.95 1.09 0.00	25.21 1.13 0.00	23.80 0.98 0.00	23.44 0.99 0.00	28.40 1.22 0.00	35.41 1.75 0.00	36.54 2.00 0.00	31.86 1.75 -0.52	26.71 1.71 -0.22	26.77 1.84 0.00	26.72 1.91 0.00	27.07 1.96 0.00	29.69 2.11 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	49.87 3.17 -0.83	50.11 2.99 -0.45	48.23 2.60 -0.11	43.51 2.54 0.00	36.89 2.32 0.00	32.72 1.97 0.00	30.97 1.67 0.00
KIAC_JFK_GT2 23817	29.05 1.28 0.00	26.95 1.09 0.00	25.21 1.13 0.00	23.80 0.98 0.00	23.44 0.99 0.00	28.40 1.22 0.00	35.41 1.75 0.00	36.54 2.00 0.00	31.86 1.75 -0.52	26.71 1.71 -0.22	26.77 1.84 0.00	26.72 1.91 0.00	27.07 1.96 0.00	29.69 2.11 -0.22	32.20 2.49 -0.38	34.72 2.68 0.22	41.08 3.23 -0.74	49.87 3.17 -0.83	50.11 2.99 -0.45	48.23 2.60 -0.11	43.51 2.54 0.00	36.89 2.32 0.00	32.72 1.97 0.00	30.97 1.67 0.00
KIAC_JFK____ 323774	28.96 1.19 0.00	26.87 1.01 0.00	25.19 1.11 0.00	23.75 0.94 0.00	23.39 0.94 0.00	28.31 1.14 0.00	35.31 1.65 0.00	36.47 1.93 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.74 1.82 0.00	26.69 1.88 0.00	27.02 1.91 0.00	29.67 2.08 -0.22	32.17 2.46 -0.38	34.72 2.68 0.22	41.16 3.30 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.59 -0.11	43.51 2.54 0.00	36.89 2.32 0.00	32.69 1.94 0.00	30.65 1.35 0.00
KINTIGH__24_KV_GSU 356498	27.66 -0.11 0.00	25.92 0.05 0.00	24.03 -0.05 0.00	22.86 0.05 0.00	22.49 0.04 0.00	27.44 0.27 0.00	33.32 -0.34 0.00	33.71 -0.83 0.00	28.80 -0.80 0.00	24.09 -0.69 0.00	24.28 -0.65 0.00	24.26 -0.55 0.00	24.68 -0.43 0.00	26.87 -0.49 0.00	28.68 -0.65 0.00	30.39 -1.06 0.80	36.03 -1.08 0.00	44.27 -1.61 0.00	45.09 -1.59 0.00	44.12 -1.41 0.00	40.10 -0.86 0.00	33.74 -0.83 0.00	30.35 -0.40 0.00	29.53 0.23 0.00
KINTIGH____ 23543	27.60 -0.17 0.00	25.94 0.08 0.00	24.05 -0.02 0.00	22.82 0.00 0.00	22.45 0.00 0.00	27.47 0.30 0.00	33.25 -0.40 0.00	33.67 -0.86 0.00	28.83 -0.77 0.00	24.04 -0.74 0.00	24.25 -0.67 0.00	24.24 -0.57 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.68 -0.65 0.00	30.65 -0.81 0.80	36.11 -1.00 0.00	44.27 -1.61 0.00	45.09 -1.59 0.00	44.12 -1.41 0.00	40.11 -0.86 0.00	33.74 -0.83 0.00	30.35 -0.40 0.00	29.36 0.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.45 0.53 -4.15	30.77 0.47 -4.44	28.61 0.48 -4.05	27.38 0.48 -4.08	27.97 0.54 -4.99	33.35 0.65 -5.53	39.94 0.88 -5.41	41.57 0.93 -6.11	35.19 1.07 -4.52	26.48 0.97 -0.73	26.57 0.92 -0.72	26.73 0.92 -1.00	27.43 0.85 -1.46	29.22 0.88 -0.98	31.15 1.00 -0.82	33.94 1.03 -0.65	38.53 1.41 -0.01	47.49 1.33 -0.28	50.80 1.26 -2.86	49.79 1.23 -3.03	47.80 0.70 -6.14	40.15 0.97 -4.61	36.07 0.83 -4.49	34.60 0.76 -4.54
LACHUTE____HYDRO 323717	30.77 3.00 0.00	28.71 2.84 0.00	26.80 2.72 0.00	25.42 2.60 0.00	24.98 2.54 0.00	30.35 3.18 0.00	37.19 3.53 0.00	38.30 3.76 0.00	31.42 2.37 0.54	25.91 1.36 0.23	25.97 1.05 0.00	25.73 0.92 0.00	25.81 0.70 0.00	28.01 0.88 0.23	30.11 1.17 0.39	32.56 1.64 1.35	38.90 2.56 0.77	49.83 4.82 0.86	51.96 5.74 0.46	51.20 5.78 0.11	46.09 5.12 0.00	38.58 4.01 0.00	34.29 3.54 0.00	32.46 3.17 0.00
LAWRNCV_115KV_TB1 80681	77.40 0.25 -49.38	78.91 0.23 -52.82	72.44 0.26 -48.09	71.60 0.25 -48.54	81.97 0.25 -59.27	93.18 0.27 -65.74	98.29 0.37 -64.26	107.47 0.35 -72.59	83.79 0.41 -53.78	33.76 0.32 -8.66	33.76 0.27 -8.56	37.03 0.27 -11.95	42.74 0.23 -17.40	39.18 0.19 -11.63	39.33 0.23 -9.77	40.08 0.06 -7.75	37.24 0.04 -0.09	49.21 -0.05 -3.38	80.77 0.05 -34.04	81.71 0.14 -36.05	114.03 -0.04 -73.10	89.70 0.21 -54.92	84.44 0.25 -53.44	83.67 0.26 -54.11
LEDERLE____ 23769	28.91 1.14 0.00	26.87 1.01 0.00	25.09 1.01 0.00	23.71 0.89 0.00	23.35 0.90 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.47 1.39 -0.48	26.33 1.34 -0.21	26.39 1.47 0.00	26.30 1.49 0.00	26.67 1.56 0.00	29.27 1.70 -0.21	31.68 1.99 -0.35	34.16 2.13 0.23	40.29 2.49 -0.69	49.40 2.75 -0.77	49.76 2.66 -0.42	48.00 2.37 -0.10	43.30 2.34 0.00	36.58 2.01 0.00	32.41 1.66 0.00	30.76 1.46 0.00
LIGHTHSE_115KV_TB6 355974	32.38 0.03 -4.58	30.79 0.03 -4.90	28.54 0.00 -4.47	27.32 0.00 -4.51	27.93 -0.02 -5.50	33.33 0.05 -6.10	39.76 0.13 -5.97	41.34 0.07 -6.74	34.50 -0.09 -4.99	25.36 -0.22 -0.80	25.44 -0.27 -0.79	25.65 -0.27 -1.11	26.48 -0.25 -1.62	28.20 -0.25 -1.08	29.86 -0.38 -0.91	33.10 -0.39 -1.22	36.86 -0.26 -0.01	45.95 -0.23 -0.30	49.70 -0.05 -3.07	48.87 0.09 -3.25	47.72 0.16 -6.58	39.62 0.10 -4.95	35.72 0.15 -4.81	34.23 0.06 -4.87
LINDEN COGEN____ 23786	28.82 1.05 0.00	26.77 0.90 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.21 1.03 0.00	35.04 1.38 0.00	36.16 1.62 0.00	31.57 1.45 -0.52	26.41 1.41 -0.22	26.54 1.62 0.00	26.52 1.71 0.00	26.82 1.71 0.00	29.45 1.86 -0.22	31.94 2.23 -0.38	34.46 2.42 0.22	40.75 2.90 -0.74	49.60 2.89 -0.83	49.88 2.75 -0.45	48.00 2.37 -0.11	43.38 2.42 0.00	36.57 2.00 0.00	32.41 1.66 0.00	30.47 1.17 0.00
LINDHRST_69_KV_BK1 356055	29.79 2.03 0.00	27.49 1.63 0.00	25.57 1.49 0.00	24.03 1.21 0.00	23.62 1.17 0.00	28.75 1.58 0.00	35.91 2.26 0.00	37.23 2.69 0.00	32.13 2.01 -0.52	26.94 1.93 -0.22	27.28 2.34 -0.01	27.20 2.38 -0.01	27.46 2.34 -0.01	30.12 2.52 -0.23	32.60 2.87 -0.39	36.91 3.13 -1.53	41.50 3.64 -0.75	50.65 3.95 -0.83	51.05 3.92 -0.45	49.10 3.46 -0.11	44.41 3.44 0.00	38.85 3.18 -1.10	33.47 2.71 -0.01	31.55 2.26 0.00
LIPA_MISC_IPP 23656	29.71 1.94 0.00	27.36 1.50 0.00	25.43 1.35 0.00	23.87 1.05 0.00	23.46 1.01 0.00	28.56 1.39 0.00	35.64 1.99 0.00	36.95 2.42 0.00	31.80 1.69 -0.52	26.66 1.66 -0.22	27.10 2.17 -0.01	27.05 2.23 -0.01	27.25 2.13 -0.01	29.87 2.27 -0.23	32.39 2.67 -0.39	36.53 2.94 -1.34	41.35 3.49 -0.75	50.47 3.76 -0.83	50.92 3.78 -0.46	48.92 3.28 -0.11	44.29 3.32 -0.01	38.74 3.18 -0.98	33.38 2.61 -0.01	31.41 2.11 0.00
LISF____SOLAR 323691	29.71 1.94 0.00	27.36 1.50 0.00	25.43 1.35 0.00	23.87 1.05 0.00	23.44 0.99 0.00	28.53 1.36 0.00	35.64 1.99 0.00	36.92 2.38 0.00	31.74 1.63 -0.52	26.61 1.61 -0.22	27.13 2.19 -0.01	27.10 2.28 -0.01	27.25 2.13 -0.01	29.89 2.30 -0.23	32.42 2.70 -0.39	36.60 3.00 -1.34	41.50 3.64 -0.75	50.56 3.85 -0.83	51.06 3.92 -0.46	49.05 3.42 -0.11	44.42 3.44 -0.01	38.84 3.29 -0.99	33.44 2.67 -0.01	31.17 1.88 0.00
LITTLE FALLS____HYD 24013	29.29 0.47 -1.05	27.43 0.44 -1.12	25.51 0.41 -1.02	24.24 0.39 -1.03	24.09 0.38 -1.26	29.03 0.46 -1.40	35.70 0.67 -1.37	36.70 0.62 -1.55	31.21 0.47 -1.14	25.29 0.32 -0.18	25.43 0.32 -0.18	25.39 0.32 -0.25	25.83 0.35 -0.37	28.00 0.38 -0.25	29.98 0.44 -0.21	32.97 0.55 -0.17	37.63 0.52 0.00	46.59 0.64 -0.07	48.10 0.70 -0.72	47.02 0.73 -0.76	43.24 0.74 -1.54	36.35 0.62 -1.16	32.43 0.55 -1.13	30.93 0.50 -1.14

LITTLRIV_115KV_TB1 356100	75.47 0.53 -47.17	76.81 0.49 -50.46	70.51 0.48 -45.95	69.64 0.46 -46.37	79.52 0.45 -56.62	90.49 0.52 -62.80	95.80 0.74 -61.40	104.57 0.69 -69.35	81.63 0.65 -51.38	33.50 0.45 -8.27	33.48 0.37 -8.18	36.59 0.37 -11.41	42.03 0.30 -16.62	38.77 0.30 -11.11	39.01 0.35 -9.33	39.89 0.23 -7.41	37.49 0.30 -0.08	49.51 0.41 -3.23	79.76 0.56 -32.52	80.69 0.73 -34.44	111.25 0.45 -69.83	87.63 0.59 -52.47	82.39 0.58 -51.06	81.51 0.53 -51.69
LI_NEWBRDGE___DRP 323616	29.27 1.50 0.00	27.05 1.19 0.00	25.19 1.11 0.00	23.71 0.89 0.00	23.30 0.85 0.00	28.31 1.14 0.00	35.34 1.68 0.00	36.57 2.04 0.00	31.66 1.54 -0.52	26.51 1.51 -0.22	26.73 1.79 -0.01	26.68 1.86 -0.01	26.98 1.86 -0.01	29.57 1.97 -0.23	32.01 2.29 -0.39	35.94 2.45 -1.23	40.68 2.82 -0.75	49.60 2.89 -0.83	49.98 2.85 -0.45	48.05 2.41 -0.11	43.47 2.50 0.00	37.87 2.39 -0.92	32.82 2.06 -0.01	31.03 1.73 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.77 0.00 0.00	26.17 0.31 0.00	24.27 0.19 0.00	23.00 0.18 0.00	22.63 0.18 0.00	27.50 0.33 0.00	33.29 -0.37 0.00	33.60 -0.93 0.00	28.74 -0.86 0.00	23.94 -0.84 0.00	24.15 -0.77 0.00	24.16 -0.65 0.00	24.56 -0.55 0.00	26.74 -0.63 0.00	28.63 -0.70 0.00	30.61 -0.90 0.75	35.96 -1.15 0.00	44.04 -1.83 0.00	44.91 -1.77 0.00	43.98 -1.55 0.00	39.94 -1.02 0.00	33.60 -0.97 0.00	30.29 -0.46 0.00	29.56 0.26 0.00
LOCKPORT___CC1 323769	27.80 0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	23.02 0.20 0.00	22.65 0.20 0.00	27.47 0.30 0.00	33.32 -0.34 0.00	33.64 -0.90 0.00	28.71 -0.89 0.00	23.99 -0.79 0.00	24.18 -0.75 0.00	24.21 -0.60 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.63 -0.70 0.00	30.36 -1.16 0.74	35.92 -1.19 0.00	44.04 -1.84 0.00	44.91 -1.77 0.00	43.98 -1.55 0.00	39.94 -1.02 0.00	33.60 -0.97 0.00	30.29 -0.46 0.00	29.71 0.41 0.00
LOCKPORT___CC2 323770	27.80 0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	23.02 0.20 0.00	22.65 0.20 0.00	27.47 0.30 0.00	33.32 -0.34 0.00	33.64 -0.90 0.00	28.71 -0.89 0.00	23.99 -0.79 0.00	24.18 -0.75 0.00	24.21 -0.60 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.63 -0.70 0.00	30.36 -1.16 0.74	35.92 -1.19 0.00	44.04 -1.84 0.00	44.91 -1.77 0.00	43.98 -1.55 0.00	39.94 -1.02 0.00	33.60 -0.97 0.00	30.29 -0.46 0.00	29.71 0.41 0.00
LOCKPORT___CC3 323771	27.80 0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	23.02 0.20 0.00	22.65 0.20 0.00	27.47 0.30 0.00	33.32 -0.34 0.00	33.64 -0.90 0.00	28.71 -0.89 0.00	23.99 -0.79 0.00	24.18 -0.75 0.00	24.21 -0.60 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.63 -0.70 0.00	30.36 -1.16 0.74	35.92 -1.19 0.00	44.04 -1.84 0.00	44.91 -1.77 0.00	43.98 -1.55 0.00	39.94 -1.02 0.00	33.60 -0.97 0.00	30.29 -0.46 0.00	29.71 0.41 0.00
LOCUSVLY_69_KV_BK2 55797	29.43 1.67 0.00	27.23 1.37 0.00	25.38 1.30 0.00	23.89 1.07 0.00	23.50 1.06 0.00	28.53 1.36 0.00	35.58 1.92 0.00	36.85 2.31 0.00	31.92 1.81 -0.52	26.71 1.71 -0.22	26.96 2.02 -0.02	26.88 2.06 -0.01	27.23 2.11 -0.01	29.87 2.27 -0.24	32.34 2.61 -0.40	37.24 2.81 -2.17	41.02 3.15 -0.76	49.96 3.26 -0.83	50.30 3.17 -0.45	48.42 2.78 -0.11	43.75 2.79 0.00	38.74 2.66 -1.51	33.04 2.28 -0.01	31.23 1.93 0.00
LONG_LAKE_PHOENIX 24014	28.99 -0.42 -1.64	27.26 -0.36 -1.76	25.29 -0.39 -1.60	24.07 -0.37 -1.62	24.06 -0.36 -1.97	29.01 -0.35 -2.19	35.36 -0.44 -2.14	36.43 -0.52 -2.42	30.88 -0.50 -1.79	24.57 -0.50 -0.29	24.69 -0.52 -0.28	24.74 -0.47 -0.40	25.21 -0.48 -0.58	27.26 -0.49 -0.39	28.98 -0.67 -0.33	32.85 -0.74 -1.33	36.44 -0.67 0.00	45.24 -0.73 -0.10	47.01 -0.70 -1.03	45.93 -0.68 -1.09	42.68 -0.49 -2.21	35.74 -0.48 -1.66	32.00 -0.37 -1.61	30.55 -0.38 -1.63
LOVETT___3 23632	28.80 1.03 0.00	26.77 0.91 0.00	24.99 0.91 0.00	23.61 0.80 0.00	23.28 0.83 0.00	28.15 0.98 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.39 1.30 -0.49	26.25 1.26 -0.21	26.32 1.40 0.00	26.22 1.41 0.00	26.59 1.48 0.00	29.16 1.59 -0.21	31.60 1.91 -0.36	34.03 2.00 0.23	40.19 2.38 -0.70	49.18 2.52 -0.79	49.53 2.43 -0.42	47.77 2.14 -0.10	43.10 2.13 0.00	36.37 1.80 0.00	32.26 1.51 0.00	30.64 1.35 0.00
LOVETT___4 23642	28.80 1.03 0.00	26.77 0.91 0.00	24.99 0.91 0.00	23.61 0.80 0.00	23.28 0.83 0.00	28.15 0.98 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.39 1.30 -0.49	26.25 1.26 -0.21	26.32 1.40 0.00	26.22 1.41 0.00	26.59 1.48 0.00	29.16 1.59 -0.21	31.60 1.91 -0.36	34.03 2.00 0.23	40.19 2.38 -0.70	49.18 2.52 -0.79	49.53 2.43 -0.42	47.77 2.14 -0.10	43.10 2.13 0.00	36.37 1.80 0.00	32.26 1.51 0.00	30.64 1.35 0.00
LOVETT___5 23593	28.80 1.03 0.00	26.77 0.91 0.00	24.99 0.91 0.00	23.61 0.80 0.00	23.28 0.83 0.00	28.15 0.98 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.39 1.30 -0.49	26.25 1.26 -0.21	26.32 1.40 0.00	26.22 1.41 0.00	26.59 1.48 0.00	29.16 1.59 -0.21	31.60 1.91 -0.36	34.03 2.00 0.23	40.19 2.38 -0.70	49.18 2.52 -0.79	49.53 2.43 -0.42	47.77 2.14 -0.10	43.10 2.13 0.00	36.37 1.80 0.00	32.26 1.51 0.00	30.64 1.35 0.00
LOWER RAQUET___HYD 24057	73.18 0.31 -45.10	74.39 0.29 -48.24	68.27 0.27 -43.93	67.42 0.27 -44.33	76.88 0.29 -54.14	87.55 0.33 -60.05	92.83 0.47 -58.70	101.25 0.42 -66.30	79.19 0.47 -49.12	33.04 0.35 -7.91	32.99 0.25 -7.82	35.94 0.22 -10.91	41.23 0.23 -15.89	38.10 0.11 -10.62	38.51 0.26 -8.92	39.44 0.10 -7.08	37.08 -0.11 -0.08	48.91 -0.05 -3.09	77.82 0.05 -31.09	78.63 0.18 -32.92	107.69 -0.04 -66.76	85.01 0.28 -50.16	79.90 0.34 -48.81	79.04 0.32 -49.42
LOWER___HUDSON 24059	28.77 1.00 0.00	26.82 0.96 0.00	24.94 0.87 0.00	23.66 0.84 0.00	23.26 0.81 0.00	28.10 0.92 0.00	34.73 1.08 0.00	35.71 1.17 0.00	29.77 0.83 0.66	25.14 0.64 0.28	25.50 0.57 0.00	25.33 0.52 0.00	25.59 0.48 0.00	27.63 0.55 0.28	29.58 0.73 0.48	31.62 0.81 1.45	37.32 1.15 0.94	46.47 1.65 1.05	47.89 1.77 0.57	47.03 1.64 0.14	42.61 1.64 0.00	35.92 1.35 0.00	31.92 1.17 0.00	30.21 0.91 0.00
LOWVILLE_115KV_TB2 356335	41.56 0.89 -12.90	40.49 0.83 -13.80	37.39 0.75 -12.56	36.20 0.71 -12.68	38.61 0.67 -15.48	45.19 0.84 -17.17	51.69 1.25 -16.79	54.67 1.17 -18.96	44.47 0.83 -14.05	27.46 0.42 -2.26	27.51 0.35 -2.24	28.25 0.32 -3.12	30.01 0.35 -4.55	30.84 0.44 -3.04	32.32 0.44 -2.55	34.84 0.55 -2.03	37.84 0.71 -0.02	47.90 1.15 -0.88	57.03 1.49 -8.86	56.64 1.73 -9.38	61.50 1.52 -19.02	50.10 1.24 -14.29	45.74 1.08 -13.91	44.28 0.91 -14.08
LUTHERFT_115KV_GLOB_FND_222 355753	29.38 1.61 0.00	27.36 1.50 0.00	25.47 1.40 0.00	24.19 1.37 0.00	23.77 1.32 0.00	28.78 1.60 0.00	35.48 1.82 0.00	36.47 1.93 0.00	30.34 1.27 0.53	25.35 0.79 0.23	25.57 0.65 0.00	25.38 0.57 0.00	25.61 0.50 0.00	27.71 0.57 0.22	29.71 0.76 0.39	31.86 0.94 1.34	37.77 1.41 0.75	47.46 2.43 0.85	49.03 2.80 0.45	48.20 2.78 0.11	43.55 2.58 0.00	36.64 2.07 0.00	32.57 1.81 0.00	31.00 1.70 0.00

LUTHERNY_35_KV_BK2 355980	29.38 1.61 0.00	27.36 1.50 0.00	25.50 1.42 0.00	24.21 1.39 0.00	23.80 1.35 0.00	28.80 1.63 0.00	35.51 1.85 0.00	36.50 1.97 0.00	30.34 1.27 0.53	25.37 0.82 0.23	25.57 0.65 0.00	25.38 0.57 0.00	25.61 0.50 0.00	27.71 0.57 0.22	29.71 0.76 0.39	31.86 0.94 1.34	37.80 1.45 0.75	47.51 2.48 0.85	49.07 2.85 0.45	48.24 2.82 0.11	43.59 2.62 0.00	36.68 2.11 0.00	32.57 1.81 0.00	31.00 1.70 0.00
LWR___OSWEGATCHIE_HYD 23850	58.95 0.58 -30.60	59.14 0.54 -32.73	54.39 0.51 -29.81	53.38 0.48 -30.08	59.63 0.45 -36.73	68.49 0.57 -40.74	74.30 0.81 -39.83	80.28 0.76 -44.99	63.55 0.62 -33.33	30.49 0.35 -5.37	30.50 0.27 -5.31	32.49 0.27 -7.40	36.15 0.25 -10.78	34.84 0.27 -7.21	35.68 0.29 -6.05	37.32 0.26 -4.81	37.46 0.30 -0.05	48.42 0.46 -2.09	68.50 0.75 -21.08	68.76 0.91 -22.32	86.96 0.74 -45.26	69.33 0.76 -34.00	64.52 0.68 -33.09	63.38 0.59 -33.50
LYONS_FALL_HYD 23570	37.18 0.81 -8.61	35.85 0.78 -9.21	33.11 0.65 -8.38	31.94 0.66 -8.46	33.41 0.63 -10.33	39.42 0.79 -11.46	46.01 1.15 -11.20	48.29 1.10 -12.65	39.74 0.77 -9.37	26.71 0.42 -1.51	26.79 0.37 -1.49	27.21 0.32 -2.08	28.52 0.38 -3.03	29.83 0.44 -2.03	31.50 0.47 -1.70	34.16 0.55 -1.36	37.83 0.70 -0.02	47.56 1.10 -0.59	53.98 1.40 -5.90	53.33 1.55 -6.25	55.07 1.43 -12.67	45.23 1.14 -9.52	41.00 0.98 -9.27	39.53 0.85 -9.38
MADISON___COUNTY_LFGE 323628	31.42 0.81 -2.85	29.68 0.78 -3.04	27.55 0.70 -2.77	26.27 0.66 -2.80	26.49 0.63 -3.42	31.78 0.82 -3.79	38.51 1.14 -3.70	39.82 1.11 -4.18	33.46 0.77 -3.10	25.73 0.45 -0.50	25.84 0.42 -0.49	25.89 0.40 -0.69	26.54 0.43 -1.00	28.55 0.52 -0.67	30.42 0.53 -0.56	33.36 0.65 -0.45	37.93 0.82 0.00	47.21 1.15 -0.19	49.99 1.40 -1.91	49.05 1.50 -2.02	46.46 1.39 -4.10	38.72 1.07 -3.08	34.67 0.92 -3.00	33.12 0.79 -3.03
MALONE___115KV_TB1 356076	44.77 0.53 -16.47	43.95 0.47 -17.62	40.60 0.48 -16.04	39.49 0.48 -16.19	42.72 0.49 -19.77	49.70 0.60 -21.93	55.91 0.81 -21.44	59.61 0.86 -24.22	48.51 0.98 -17.94	28.54 0.87 -2.89	28.63 0.85 -2.86	29.61 0.82 -3.99	31.67 0.75 -5.80	32.01 0.77 -3.88	33.44 0.85 -3.26	35.68 0.84 -2.59	38.25 1.11 -0.03	48.24 1.24 -1.13	59.25 1.21 -11.35	58.78 1.23 -12.02	66.08 0.74 -24.38	53.72 0.83 -18.32	49.28 0.71 -17.82	48.01 0.67 -18.04
MAPLEWOD_115KV_TB3 80458	28.49 0.72 0.00	26.54 0.67 0.00	24.70 0.63 0.00	23.43 0.62 0.00	23.03 0.58 0.00	27.83 0.65 0.00	34.40 0.74 0.00	35.36 0.83 0.00	29.68 0.53 0.45	25.01 0.42 0.19	25.30 0.37 0.00	25.16 0.35 0.00	25.44 0.33 0.00	27.53 0.36 0.19	29.50 0.50 0.33	31.49 0.48 1.25	37.14 0.67 0.64	46.22 1.06 0.71	47.42 1.12 0.38	46.48 1.05 0.09	42.03 1.07 0.00	35.47 0.90 0.00	31.46 0.71 0.00	30.03 0.73 0.00
MAPLE_RIDGE_WT_1 323574	27.74 -0.03 0.00	25.86 0.00 0.00	24.10 0.02 0.00	22.84 0.02 0.00	22.49 0.04 0.00	27.20 0.03 0.00	33.69 0.03 0.00	34.57 0.03 0.00	29.63 0.03 0.00	24.81 0.02 0.00	24.95 0.02 0.00	24.83 0.02 0.00	25.14 0.03 0.00	27.36 0.00 0.00	29.36 0.03 0.00	32.29 0.03 0.00	37.11 0.00 0.00	45.87 0.00 0.00	46.68 0.00 0.00	45.53 0.00 0.00	40.97 0.00 0.00	34.60 0.03 0.00	30.75 0.00 0.00	29.30 0.00 0.00
MAPLE_RIDGE_WT_2 323611	27.74 -0.03 0.00	25.86 0.00 0.00	24.10 0.02 0.00	22.84 0.02 0.00	22.49 0.04 0.00	27.20 0.03 0.00	33.69 0.03 0.00	34.57 0.03 0.00	29.63 0.03 0.00	24.81 0.02 0.00	24.95 0.02 0.00	24.83 0.02 0.00	25.14 0.03 0.00	27.36 0.00 0.00	29.36 0.03 0.00	32.29 0.03 0.00	37.11 0.00 0.00	45.87 0.00 0.00	46.68 0.00 0.00	45.53 0.00 0.00	40.97 0.00 0.00	34.60 0.03 0.00	30.75 0.00 0.00	29.30 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	31.73 0.39 -3.57	30.02 0.34 -3.82	27.92 0.36 -3.48	26.71 0.39 -3.51	27.16 0.43 -4.28	32.47 0.54 -4.75	39.01 0.71 -4.64	40.54 0.76 -5.25	34.43 0.95 -3.89	26.27 0.87 -0.63	26.12 0.57 -0.62	26.24 0.57 -0.86	26.90 0.53 -1.26	28.67 0.46 -0.84	30.68 0.64 -0.71	33.46 0.64 -0.56	37.93 0.82 -0.01	47.17 1.06 -0.24	50.12 0.98 -2.46	49.04 0.91 -2.60	46.65 0.41 -5.27	39.36 0.83 -3.96	35.32 0.71 -3.85	33.87 0.67 -3.90
MARSHVLE_115KV_TB1 80742	29.29 1.53 0.00	27.31 1.45 0.00	25.45 1.37 0.00	24.12 1.30 0.00	23.75 1.30 0.00	28.86 1.68 0.00	35.71 2.05 0.00	36.33 1.80 0.00	29.97 0.65 0.28	24.66 0.00 0.12	24.67 -0.25 0.00	24.46 -0.35 0.00	24.73 -0.38 0.00	26.89 -0.36 0.12	28.89 -0.23 0.20	31.16 -0.06 1.04	37.16 0.45 0.40	47.17 1.74 0.45	49.38 2.94 0.24	48.75 3.28 0.06	43.92 2.95 0.00	36.85 2.28 0.00	32.75 2.00 0.00	31.06 1.76 0.00
MARSH_HILL_WT_PWR 323713	28.32 0.56 0.00	26.48 0.62 0.00	24.56 0.48 0.00	23.36 0.55 0.00	23.03 0.58 0.00	28.12 0.95 0.00	34.60 0.94 0.00	35.16 0.62 0.00	29.77 0.18 0.00	24.68 -0.10 0.00	24.82 -0.10 0.00	24.78 -0.02 0.00	25.19 0.08 0.00	27.53 0.17 0.00	29.39 0.06 0.00	31.55 -0.10 0.61	37.26 0.15 0.00	46.15 0.28 0.00	47.24 0.56 0.00	46.30 0.77 0.00	41.95 0.98 0.00	35.19 0.62 0.00	31.55 0.80 0.00	30.38 1.08 0.00
MCINTYRE_115KV_TB2 80467	78.85 0.58 -50.50	80.43 0.54 -54.02	73.80 0.53 -49.19	72.96 0.50 -49.64	83.57 0.49 -60.62	94.98 0.57 -67.24	100.20 0.81 -65.73	109.50 0.73 -74.24	85.26 0.65 -55.01	34.06 0.42 -8.86	34.03 0.35 -8.76	37.35 0.32 -12.22	43.18 0.28 -17.80	39.50 0.25 -11.89	39.64 0.32 -9.99	40.45 0.26 -7.93	37.61 0.41 -0.09	49.93 0.60 -3.46	82.34 0.84 -34.82	83.40 1.00 -36.87	116.35 0.61 -74.77	91.40 0.66 -56.18	86.03 0.62 -54.67	85.23 0.59 -55.34
MECO_____69_KV_BK1 80468	29.52 1.75 0.00	27.52 1.66 0.00	25.67 1.59 0.00	24.32 1.51 0.00	23.95 1.50 0.00	29.10 1.93 0.00	35.98 2.32 0.00	36.71 2.18 0.00	30.27 0.98 0.31	24.85 0.20 0.13	24.77 -0.15 0.00	24.51 -0.30 0.00	24.73 -0.38 0.00	26.91 -0.33 0.13	28.96 -0.15 0.22	31.33 0.16 1.09	37.49 0.82 0.44	47.77 2.39 0.49	49.92 3.50 0.26	49.11 3.64 0.06	44.24 3.28 0.00	37.13 2.56 0.00	33.03 2.28 0.00	31.32 2.02 0.00
MENANDS___115KV_TB5 355628	28.38 0.61 0.00	26.41 0.54 0.00	24.58 0.51 0.00	23.32 0.50 0.00	22.92 0.47 0.00	27.66 0.49 0.00	34.23 0.57 0.00	35.19 0.66 0.00	29.57 0.41 0.44	24.94 0.35 0.19	25.22 0.30 0.00	25.08 0.27 0.00	25.39 0.28 0.00	27.48 0.30 0.19	29.42 0.41 0.32	31.40 0.39 1.25	37.00 0.52 0.63	45.99 0.83 0.71	47.14 0.84 0.38	46.16 0.73 0.09	41.79 0.82 0.00	35.26 0.69 0.00	31.28 0.52 0.00	29.85 0.56 0.00
MG INDUSTRY___DRP 24185	28.41 0.64 0.00	26.46 0.59 0.00	24.66 0.58 0.00	23.36 0.55 0.00	22.99 0.54 0.00	27.74 0.57 0.00	34.30 0.64 0.00	35.19 0.66 0.00	29.71 0.36 0.24	24.93 0.25 0.10	25.10 0.17 0.00	24.96 0.15 0.00	25.24 0.13 0.00	27.43 0.16 0.10	29.45 0.29 0.18	31.47 0.26 1.05	37.21 0.45 0.34	46.27 0.78 0.38	47.41 0.93 0.21	46.34 0.87 0.05	41.83 0.86 0.00	35.33 0.76 0.00	31.37 0.62 0.00	29.94 0.64 0.00

MID___OSWEGATCHIE_HYD 23849	58.95 0.58 -30.60	59.14 0.54 -32.73	54.39 0.51 -29.81	53.38 0.48 -30.08	59.63 0.45 -36.73	68.49 0.57 -40.74	74.30 0.81 -39.83	80.28 0.76 -44.99	63.55 0.62 -33.33	30.49 0.35 -5.37	30.50 0.27 -5.31	32.49 0.27 -7.40	36.15 0.25 -10.78	34.84 0.27 -7.21	35.68 0.29 -6.05	37.32 0.26 -4.81	37.46 0.30 -0.05	48.42 0.46 -2.09	68.50 0.75 -21.08	68.76 0.91 -22.32	86.96 0.74 -45.26	69.33 0.76 -34.00	64.52 0.68 -33.09	63.38 0.59 -33.50
MID___RAQUETTE_HYD 23851	73.17 0.31 -45.10	74.39 0.28 -48.24	68.32 0.31 -43.93	67.45 0.30 -44.33	76.88 0.29 -54.14	87.54 0.33 -60.05	92.83 0.47 -58.70	101.25 0.41 -66.30	79.19 0.47 -49.12	33.04 0.35 -7.91	33.07 0.32 -7.82	36.02 0.30 -10.91	41.25 0.25 -15.89	38.20 0.22 -10.62	38.52 0.26 -8.92	39.41 0.06 -7.08	37.19 0.00 -0.08	48.91 -0.05 -3.09	77.82 0.05 -31.09	78.63 0.18 -32.92	107.69 -0.04 -66.76	85.01 0.28 -50.16	79.90 0.34 -48.81	79.04 0.32 -49.42
MILLIKEN___1 23584	28.21 0.44 0.00	26.33 0.47 0.00	24.44 0.36 0.00	23.14 0.32 0.00	22.79 0.34 0.00	27.69 0.52 0.00	34.33 0.67 0.00	35.16 0.62 0.00	29.95 0.36 0.00	24.90 0.12 0.00	25.00 0.07 0.00	24.91 0.10 0.00	25.26 0.15 0.00	27.58 0.22 0.00	29.48 0.15 0.00	32.63 0.23 -0.14	37.56 0.45 0.00	46.65 0.78 0.00	47.57 0.89 0.00	46.44 0.91 0.00	41.95 0.98 0.00	35.26 0.69 0.00	31.43 0.68 0.00	29.91 0.62 0.00
MILLIKEN___2 23585	28.21 0.44 0.00	26.33 0.47 0.00	24.44 0.36 0.00	23.14 0.32 0.00	22.79 0.34 0.00	27.69 0.52 0.00	34.33 0.67 0.00	35.16 0.62 0.00	29.95 0.36 0.00	24.90 0.12 0.00	25.00 0.07 0.00	24.91 0.10 0.00	25.26 0.15 0.00	27.58 0.22 0.00	29.48 0.15 0.00	32.63 0.23 -0.14	37.56 0.45 0.00	46.65 0.78 0.00	47.57 0.89 0.00	46.44 0.91 0.00	41.95 0.98 0.00	35.26 0.69 0.00	31.43 0.68 0.00	29.91 0.62 0.00
MILLIKEN___DIESEL 23629	28.21 0.44 0.00	26.33 0.47 0.00	24.44 0.36 0.00	23.14 0.32 0.00	22.79 0.34 0.00	27.69 0.52 0.00	34.33 0.67 0.00	35.16 0.62 0.00	29.95 0.36 0.00	24.90 0.12 0.00	25.00 0.07 0.00	24.91 0.10 0.00	25.26 0.15 0.00	27.58 0.22 0.00	29.48 0.15 0.00	32.63 0.23 -0.14	37.56 0.45 0.00	46.65 0.78 0.00	47.57 0.89 0.00	46.44 0.91 0.00	41.95 0.98 0.00	35.26 0.69 0.00	31.43 0.68 0.00	29.91 0.62 0.00
MILLSEAT___LFGE 323607	28.29 0.53 0.00	26.53 0.67 0.00	24.58 0.51 0.00	23.39 0.57 0.00	22.99 0.54 0.00	27.91 0.73 0.00	33.99 0.34 0.00	34.40 -0.14 0.00	29.33 -0.27 0.00	24.38 -0.40 0.00	24.55 -0.37 0.00	24.59 -0.22 0.00	25.04 -0.08 0.00	27.28 -0.08 0.00	29.13 -0.20 0.00	30.98 -0.52 0.76	36.63 -0.48 0.00	45.09 -0.78 0.00	46.03 -0.65 0.00	45.12 -0.41 0.00	40.97 0.00 0.00	34.40 -0.17 0.00	30.94 0.19 0.00	30.15 0.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.88 1.11 0.00	26.85 0.98 0.00	25.07 0.99 0.00	23.68 0.87 0.00	23.32 0.88 0.00	28.18 1.01 0.00	35.04 1.38 0.00	36.09 1.55 0.00	31.47 1.36 -0.52	26.31 1.31 -0.22	26.39 1.47 0.00	26.30 1.49 0.00	26.64 1.53 0.00	29.25 1.67 -0.22	31.67 1.97 -0.38	34.10 2.06 0.22	40.30 2.45 -0.74	49.32 2.61 -0.83	49.64 2.52 -0.44	47.87 2.23 -0.11	43.18 2.21 0.00	36.44 1.87 0.00	32.32 1.57 0.00	30.67 1.38 0.00
MILLWOOD_13_KV_LOAD 356217	28.93 1.17 0.00	26.87 1.01 0.00	25.09 1.01 0.00	23.71 0.89 0.00	23.35 0.90 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.53 1.42 -0.52	26.36 1.36 -0.22	26.44 1.52 0.00	26.35 1.54 0.00	26.67 1.56 0.00	29.28 1.70 -0.22	31.73 2.02 -0.38	34.17 2.13 0.22	40.37 2.52 -0.74	49.45 2.75 -0.83	49.79 2.66 -0.44	47.96 2.32 -0.11	43.26 2.29 0.00	36.51 1.94 0.00	32.35 1.60 0.00	30.73 1.44 0.00
MODEL_CITY_ENERGY 24167	27.66 -0.11 0.00	25.97 0.10 0.00	24.10 0.02 0.00	22.93 0.11 0.00	22.56 0.11 0.00	27.23 0.05 0.00	33.02 -0.64 0.00	33.26 -1.28 0.00	28.41 -1.18 0.00	23.74 -1.04 0.00	23.95 -0.97 0.00	23.97 -0.84 0.00	24.38 -0.73 0.00	26.54 -0.82 0.00	28.36 -0.97 0.00	30.03 -1.48 0.74	35.52 -1.59 0.00	43.58 -2.29 0.00	44.39 -2.29 0.00	43.48 -2.05 0.00	39.53 -1.44 0.00	33.26 -1.31 0.00	29.99 -0.77 0.00	29.53 0.23 0.00
MODERN_LFGE___ 323580	27.66 -0.11 0.00	25.97 0.10 0.00	24.10 0.02 0.00	22.93 0.11 0.00	22.56 0.11 0.00	27.23 0.05 0.00	33.02 -0.64 0.00	33.26 -1.28 0.00	28.41 -1.18 0.00	23.74 -1.04 0.00	23.95 -0.97 0.00	23.97 -0.84 0.00	24.38 -0.73 0.00	26.54 -0.82 0.00	28.36 -0.97 0.00	30.03 -1.48 0.74	35.52 -1.59 0.00	43.58 -2.29 0.00	44.39 -2.29 0.00	43.48 -2.05 0.00	39.53 -1.44 0.00	33.26 -1.31 0.00	29.99 -0.77 0.00	29.53 0.23 0.00
MOHAWK_PAPER___DRP 24187	28.49 0.72 0.00	26.54 0.67 0.00	24.70 0.63 0.00	23.43 0.62 0.00	23.03 0.58 0.00	27.83 0.65 0.00	34.40 0.74 0.00	35.36 0.83 0.00	29.68 0.53 0.45	25.01 0.42 0.19	25.30 0.37 0.00	25.16 0.35 0.00	25.44 0.33 0.00	27.53 0.36 0.19	29.50 0.50 0.33	31.49 0.48 1.25	37.14 0.67 0.64	46.22 1.06 0.71	47.42 1.12 0.38	46.48 1.05 0.09	42.03 1.07 0.00	35.47 0.90 0.00	31.46 0.71 0.00	30.03 0.73 0.00
MOHICAN___35_KV_115KV_LD 80490	29.85 2.08 0.00	27.83 1.97 0.00	25.93 1.85 0.00	24.62 1.80 0.00	24.20 1.75 0.00	29.35 2.17 0.00	36.05 2.39 0.00	37.12 2.59 0.00	30.68 1.63 0.54	25.51 0.97 0.23	25.65 0.72 0.00	25.40 0.60 0.00	25.61 0.50 0.00	27.71 0.57 0.23	29.75 0.82 0.40	32.01 1.10 1.35	38.04 1.71 0.78	48.21 3.21 0.87	49.95 3.73 0.47	49.19 3.78 0.11	44.37 3.40 0.00	37.27 2.70 0.00	33.09 2.34 0.00	31.52 2.23 0.00
MONGAUP___HYD 23641	28.80 1.03 0.00	26.72 0.85 0.00	24.97 0.89 0.00	23.57 0.75 0.00	23.23 0.79 0.00	28.07 0.90 0.00	34.87 1.21 0.00	35.81 1.28 0.00	31.00 0.98 -0.43	25.81 0.84 -0.18	25.87 0.95 0.00	25.75 0.94 0.00	26.09 0.98 0.00	28.64 1.10 -0.18	31.02 1.38 -0.31	33.50 1.48 0.25	39.58 1.85 -0.61	48.76 2.20 -0.69	49.29 2.24 -0.37	47.76 2.14 -0.09	43.06 2.09 0.00	36.40 1.83 0.00	32.23 1.48 0.00	30.44 1.14 0.00
MONTAUK___DIESEL 23721	30.43 2.67 0.00	27.96 2.09 0.00	25.86 1.78 0.00	24.12 1.30 0.00	23.62 1.17 0.00	28.78 1.60 0.00	35.75 2.09 0.00	37.09 2.56 0.00	31.89 1.78 -0.52	26.79 1.78 -0.22	27.45 2.52 -0.01	27.42 2.60 -0.01	27.68 2.56 -0.01	30.44 2.85 -0.23	33.01 3.28 -0.39	37.24 3.65 -1.34	42.17 4.30 -0.75	51.48 4.77 -0.83	52.04 4.90 -0.46	49.60 3.96 -0.11	44.87 3.89 -0.01	39.29 3.73 -0.99	33.90 3.14 -0.01	31.99 2.70 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.16 0.39 0.00	26.48 0.62 0.00	24.54 0.46 0.00	23.27 0.46 0.00	22.94 0.49 0.00	28.21 1.03 0.00	34.57 0.91 0.00	35.16 0.62 0.00	29.98 0.38 0.00	24.98 0.20 0.00	25.22 0.30 0.00	25.26 0.45 0.00	25.66 0.55 0.00	27.94 0.57 0.00	29.92 0.59 0.00	31.98 0.52 0.79	37.56 0.45 0.00	46.01 0.14 0.00	46.91 0.23 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.74 0.17 0.00	31.28 0.52 0.00	30.18 0.88 0.00

MORRIS_RIDGE___SOLAR 323848	27.96 0.20 0.00	26.15 0.29 0.00	24.27 0.19 0.00	23.07 0.25 0.00	22.72 0.27 0.00	27.72 0.54 0.00	33.96 0.30 0.00	34.40 -0.14 0.00	29.15 -0.44 0.00	24.21 -0.57 0.00	24.38 -0.55 0.00	24.36 -0.45 0.00	24.76 -0.35 0.00	27.04 -0.33 0.00	28.86 -0.47 0.00	30.84 -0.74 0.67	36.48 -0.63 0.00	45.09 -0.78 0.00	46.17 -0.51 0.00	45.26 -0.27 0.00	41.01 0.04 0.00	34.47 -0.10 0.00	30.94 0.19 0.00	29.88 0.59 0.00
MORTIMER_115KV_TB3 55949	27.91 0.14 0.00	26.12 0.26 0.00	24.22 0.14 0.00	22.95 0.14 0.00	22.56 0.11 0.00	27.53 0.35 0.00	33.73 0.07 0.00	34.43 -0.10 0.00	29.45 -0.15 0.00	24.46 -0.32 0.00	24.62 -0.30 0.00	24.61 -0.20 0.00	25.01 -0.10 0.00	27.26 -0.11 0.00	29.12 -0.21 0.00	31.22 -0.23 0.81	36.89 -0.22 0.00	45.55 -0.32 0.00	46.40 -0.28 0.00	45.39 -0.14 0.00	41.13 0.16 0.00	34.54 -0.03 0.00	30.91 0.15 0.00	29.50 0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.46 1.01 0.00	28.34 1.17 0.00	35.27 1.62 0.00	36.33 1.80 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.55 1.74 0.00	26.89 1.78 0.00	29.53 1.94 -0.22	32.00 2.29 -0.38	34.49 2.45 0.22	40.75 2.89 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.68 2.11 0.00	32.57 1.81 0.00	30.91 1.61 0.00
MUNSVILLE_WIND_PWR 323609	29.71 1.94 0.00	27.70 1.84 0.00	25.67 1.59 0.00	24.37 1.55 0.00	23.95 1.50 0.00	29.10 1.93 0.00	36.29 2.63 0.00	37.09 2.56 0.00	31.37 1.78 0.00	25.80 1.02 0.00	25.85 0.92 0.00	25.63 0.82 0.00	26.04 0.93 0.00	28.46 1.10 0.00	30.50 1.17 0.00	33.32 1.39 0.33	39.15 2.04 0.00	48.95 3.07 0.00	50.27 3.59 0.00	49.40 3.87 0.00	44.61 3.64 0.00	37.37 2.80 0.00	33.22 2.46 0.00	31.50 2.20 0.00
N SALMON___HYD 24042	44.77 0.53 -16.47	43.95 0.47 -17.62	40.58 0.46 -16.04	39.46 0.46 -16.19	42.72 0.49 -19.77	49.70 0.60 -21.93	55.90 0.81 -21.44	59.62 0.86 -24.22	48.51 0.98 -17.94	28.51 0.84 -2.89	28.33 0.55 -2.86	29.34 0.55 -3.99	31.42 0.50 -5.80	31.66 0.41 -3.88	33.21 0.62 -3.26	35.43 0.58 -2.59	37.81 0.67 -0.03	48.24 1.24 -1.13	59.24 1.21 -11.35	58.78 1.23 -12.02	66.08 0.74 -24.38	53.71 0.83 -18.32	49.28 0.71 -17.82	47.98 0.64 -18.04
N.AKRON__115KV_KNAPP 355671	28.18 0.42 0.00	26.54 0.67 0.00	24.58 0.51 0.00	23.30 0.48 0.00	22.92 0.47 0.00	27.88 0.71 0.00	33.83 0.17 0.00	34.29 -0.24 0.00	29.30 -0.30 0.00	24.31 -0.47 0.00	24.50 -0.42 0.00	24.51 -0.30 0.00	24.94 -0.18 0.00	27.17 -0.19 0.00	29.07 -0.26 0.00	31.15 -0.35 0.76	36.59 -0.52 0.00	44.96 -0.92 0.00	45.89 -0.79 0.00	44.94 -0.59 0.00	40.84 -0.12 0.00	34.29 -0.28 0.00	30.88 0.12 0.00	29.91 0.62 0.00
N.E_GEN_SANDY PD 24062	28.60 0.83 0.00	26.64 0.78 0.00	24.80 0.72 0.00	23.50 0.68 0.00	23.10 0.65 0.00	27.85 0.68 0.00	34.50 0.84 0.00	35.50 0.97 0.00	26.10 0.77 4.26	23.70 0.74 1.82	25.74 0.82 0.00	25.60 0.79 0.00	25.89 0.78 0.00	26.40 0.85 1.81	27.30 1.09 3.12	28.63 1.10 4.73	32.47 1.45 6.09	40.70 1.65 6.82	44.60 1.59 3.67	46.00 1.36 0.89	42.40 1.43 0.00	35.85 1.28 0.00	31.80 1.05 0.00	29.97 0.67 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.82 1.06 0.00	26.79 0.93 0.00	25.02 0.94 0.00	23.64 0.82 0.00	23.28 0.83 0.00	28.15 0.98 0.00	35.00 1.35 0.00	36.05 1.52 0.00	31.38 1.30 -0.49	26.25 1.26 -0.21	26.32 1.40 0.00	26.22 1.41 0.00	26.59 1.48 0.00	29.19 1.61 -0.21	31.59 1.91 -0.36	34.06 2.03 0.23	40.18 2.38 -0.69	49.22 2.57 -0.78	49.57 2.47 -0.42	47.82 2.19 -0.10	43.14 2.17 0.00	36.44 1.87 0.00	32.29 1.54 0.00	30.67 1.38 0.00
N.QUEENS_27_KV_LOAD 356247	29.25 1.47 -0.01	27.14 1.27 -0.01	25.45 1.37 0.00	24.03 1.21 0.00	23.66 1.21 0.00	28.29 1.11 0.00	35.04 1.38 0.00	36.09 1.55 0.00	31.57 1.45 -0.52	26.54 1.54 -0.22	26.59 1.67 0.00	26.52 1.71 0.00	26.89 1.78 0.00	29.50 1.92 -0.22	31.94 2.23 -0.38	34.43 2.39 0.22	40.75 2.89 -0.74	49.64 2.94 -0.83	49.83 2.71 -0.45	47.96 2.32 -0.11	43.30 2.34 0.00	36.44 1.87 0.00	32.57 1.81 0.00	31.08 1.79 0.00
N.TROY___115KV_TB1 355778	28.85 1.08 0.00	26.85 0.98 0.00	24.97 0.89 0.00	23.71 0.89 0.00	23.30 0.85 0.00	28.15 0.98 0.00	34.84 1.18 0.00	35.81 1.28 0.00	29.83 0.89 0.66	25.17 0.67 0.28	25.52 0.60 0.00	25.36 0.55 0.00	25.64 0.53 0.00	27.66 0.57 0.28	29.58 0.73 0.48	31.58 0.77 1.45	37.28 1.11 0.94	46.47 1.65 1.05	47.89 1.77 0.57	47.03 1.64 0.14	42.61 1.64 0.00	35.92 1.35 0.00	31.89 1.14 0.00	30.38 1.08 0.00
NARROWS_GT1_1 24228	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT1_2 24229	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT1_3 24230	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT1_4 24231	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT1_5 24232	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00

NARROWS_GT1_6 24233	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT1_7 24234	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT1_8 24235	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_1 24236	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_2 24237	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_3 24238	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_4 24239	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_5 24240	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_6 24241	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_7 24242	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NARROWS_GT2_8 24243	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.77 1.00 0.00	26.72 0.85 0.00	24.92 0.84 0.00	23.61 0.80 0.00	23.23 0.79 0.00	28.04 0.87 0.00	34.67 1.01 0.00	35.50 0.97 0.00	30.17 0.74 0.17	25.18 0.47 0.07	25.02 0.10 0.00	24.88 0.07 0.00	25.19 0.08 0.00	27.62 0.33 0.07	29.67 0.47 0.12	31.82 0.52 0.96	37.65 0.78 0.24	47.21 1.61 0.27	48.35 1.82 0.15	47.36 1.87 0.04	42.36 1.39 0.00	35.85 1.28 0.00	31.74 0.98 0.00	30.35 1.05 0.00
NCHELSEA_115KV_TR2 355582	28.99 1.22 0.00	26.92 1.06 0.00	25.14 1.06 0.00	23.75 0.94 0.00	23.39 0.94 0.00	28.26 1.09 0.00	35.11 1.45 0.00	36.09 1.55 0.00	31.29 1.30 -0.40	26.16 1.21 -0.17	26.22 1.30 0.00	26.12 1.31 0.00	26.49 1.38 0.00	29.04 1.51 -0.17	31.41 1.79 -0.29	33.83 1.90 0.34	39.90 2.23 -0.57	49.08 2.57 -0.63	49.54 2.52 -0.34	47.93 2.32 -0.08	43.22 2.25 0.00	36.54 1.97 0.00	32.38 1.63 0.00	30.82 1.52 0.00
NEG CAPITAL___MECHNVIL 23645	29.27 1.50 0.00	27.28 1.42 0.00	25.40 1.32 0.00	24.09 1.28 0.00	23.68 1.23 0.00	28.67 1.49 0.00	35.37 1.72 0.00	36.36 1.83 0.00	30.23 1.21 0.58	25.33 0.79 0.25	25.60 0.67 0.00	25.40 0.59 0.00	25.61 0.50 0.00	27.72 0.60 0.25	29.70 0.79 0.42	31.85 0.97 1.38	37.77 1.49 0.83	47.38 2.43 0.92	48.94 2.75 0.50	48.14 2.73 0.12	43.51 2.54 0.00	36.61 2.04 0.00	32.54 1.78 0.00	30.79 1.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.30 -0.33 -0.86	26.53 -0.26 -0.92	24.58 -0.34 -0.84	23.39 -0.27 -0.85	23.17 -0.31 -1.03	28.13 -0.19 -1.15	34.34 -0.44 -1.12	35.18 -0.62 -1.26	29.91 -0.62 -0.94	24.26 -0.67 -0.15	24.40 -0.67 -0.15	24.42 -0.60 -0.21	24.91 -0.50 -0.30	27.05 -0.52 -0.20	28.77 -0.73 -0.17	30.67 -0.90 0.68	36.26 -0.85 0.00	44.86 -1.01 0.00	45.70 -0.98 0.00	44.71 -0.82 0.00	40.43 -0.53 0.00	33.98 -0.59 0.00	30.35 -0.40 0.00	29.09 -0.20 0.00



NEG CENTRAL___DRP 24199	28.91 0.17 -0.97	27.11 0.21 -1.04	25.15 0.12 -0.95	23.89 0.11 -0.96	23.75 0.13 -1.17	28.80 0.33 -1.30	35.30 0.37 -1.27	36.21 0.24 -1.43	30.72 0.06 -1.06	24.83 -0.12 -0.17	24.94 -0.15 -0.17	24.95 -0.10 -0.24	25.40 -0.05 -0.34	27.59 0.00 -0.23	29.41 -0.12 -0.19	32.11 -0.10 0.05	37.18 0.07 0.00	46.01 0.14 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.85 0.28 0.00	31.12 0.37 0.00	29.65 0.35 0.00
NEG CENTRAL___INDECK 23768	28.93 1.17 0.00	27.05 1.19 0.00	25.04 0.96 0.00	23.80 0.98 0.00	23.39 0.94 0.00	28.58 1.41 0.00	35.17 1.52 0.00	35.78 1.24 0.00	30.30 0.71 0.00	24.98 0.20 0.00	25.02 0.10 0.00	24.96 0.15 0.00	25.41 0.30 0.00	27.75 0.38 0.00	29.62 0.29 0.00	31.93 0.29 0.62	37.78 0.67 0.00	47.06 1.19 0.00	48.27 1.59 0.00	47.35 1.82 0.00	42.93 1.97 0.00	35.92 1.35 0.00	32.17 1.42 0.00	30.82 1.52 0.00
NEG CENTRAL___SENECA 23627	29.00 0.36 -0.87	27.21 0.41 -0.93	25.22 0.29 -0.85	23.95 0.27 -0.86	23.79 0.29 -1.05	28.90 0.57 -1.16	35.43 0.64 -1.13	36.30 0.48 -1.28	30.78 0.24 -0.95	24.91 -0.02 -0.15	25.02 -0.05 -0.15	25.02 0.00 -0.21	25.49 0.08 -0.31	27.73 0.16 -0.21	29.56 0.06 -0.17	32.01 0.13 0.38	37.41 0.30 0.00	46.24 0.37 0.00	47.24 0.56 0.00	46.12 0.59 0.00	41.70 0.74 0.00	35.09 0.52 0.00	31.37 0.62 0.00	29.91 0.62 0.00
NEG CENTRAL___STATE_STREET 24147	28.86 0.06 -1.03	27.05 0.08 -1.10	25.08 0.00 -1.01	23.83 0.00 -1.01	23.71 0.02 -1.24	28.68 0.14 -1.37	35.20 0.20 -1.34	36.19 0.14 -1.52	30.72 0.00 -1.12	24.81 -0.15 -0.18	24.93 -0.17 -0.18	24.93 -0.12 -0.25	25.40 -0.08 -0.36	27.58 -0.03 -0.24	29.36 -0.18 -0.20	32.27 -0.16 -0.18	37.15 0.04 0.00	46.12 0.18 -0.06	47.57 0.28 -0.61	46.45 0.27 -0.64	42.68 0.41 -1.30	35.75 0.21 -0.97	31.94 0.25 -0.94	30.46 0.21 -0.96
NEG MILLWOOD___DRP 24198	29.07 1.31 0.00	26.98 1.11 0.00	25.19 1.11 0.00	23.80 0.98 0.00	23.44 0.99 0.00	28.34 1.17 0.00	35.21 1.55 0.00	36.26 1.73 0.00	31.52 1.48 -0.45	26.36 1.39 -0.19	26.44 1.52 0.00	26.30 1.49 0.00	26.62 1.51 0.00	29.20 1.64 -0.19	31.65 1.99 -0.33	34.03 2.06 0.30	40.27 2.52 -0.64	49.43 2.84 -0.72	49.87 2.80 -0.39	48.22 2.60 -0.09	43.38 2.42 0.00	36.64 2.07 0.00	32.45 1.69 0.00	30.88 1.58 0.00
NEG NORTH_FLCN_SEA 23793	31.75 0.42 -3.57	30.04 0.36 -3.82	27.94 0.39 -3.48	26.71 0.39 -3.51	27.16 0.43 -4.28	32.47 0.54 -4.75	39.01 0.71 -4.64	40.54 0.76 -5.25	34.40 0.92 -3.89	26.27 0.87 -0.63	26.39 0.85 -0.62	26.49 0.82 -0.86	27.12 0.75 -1.26	28.97 0.77 -0.84	30.92 0.88 -0.71	33.72 0.90 -0.56	38.34 1.22 -0.01	47.03 0.92 -0.24	49.98 0.84 -2.46	48.95 0.82 -2.60	46.57 0.33 -5.27	39.33 0.80 -3.96	35.28 0.68 -3.85	33.84 0.64 -3.90
NEG NORTH_KES_CHATEGAY 23792	34.76 0.19 -6.80	33.29 0.16 -7.28	30.90 0.19 -6.63	29.71 0.21 -6.69	30.86 0.25 -8.16	36.50 0.27 -9.06	42.88 0.37 -8.85	44.95 0.41 -10.00	37.57 0.56 -7.41	26.52 0.55 -1.19	26.63 0.52 -1.18	26.95 0.50 -1.65	27.94 0.43 -2.40	29.40 0.44 -1.60	31.17 0.50 -1.35	33.81 0.48 -1.07	37.83 0.71 -0.01	47.03 0.69 -0.46	52.02 0.65 -4.68	51.17 0.68 -4.96	51.23 0.20 -10.06	42.54 0.41 -7.56	38.48 0.37 -7.35	37.09 0.35 -7.45
NEG NORTH___ALICE_FALLS 23915	32.45 0.53 -4.15	30.77 0.47 -4.44	28.61 0.48 -4.05	27.38 0.48 -4.08	27.97 0.54 -4.99	33.35 0.65 -5.53	39.94 0.88 -5.41	41.57 0.93 -6.11	35.19 1.07 -4.52	26.48 0.97 -0.73	26.57 0.92 -0.72	26.73 0.92 -1.00	27.43 0.85 -1.46	29.22 0.88 -0.98	31.15 1.00 -0.82	33.94 1.03 -0.65	38.53 1.41 -0.01	47.49 1.33 -0.28	50.80 1.26 -2.86	49.79 1.23 -3.03	47.80 0.70 -6.14	40.15 0.97 -4.61	36.07 0.83 -4.49	34.60 0.76 -4.54
NEG NORTH___LWR_SARANAC 23913	32.45 0.53 -4.15	30.77 0.47 -4.44	28.61 0.48 -4.05	27.38 0.48 -4.08	27.97 0.54 -4.99	33.35 0.65 -5.53	39.94 0.88 -5.41	41.57 0.93 -6.11	35.19 1.07 -4.52	26.48 0.97 -0.73	26.57 0.92 -0.72	26.73 0.92 -1.00	27.43 0.85 -1.46	29.22 0.88 -0.98	31.15 1.00 -0.82	33.94 1.03 -0.65	38.53 1.41 -0.01	47.49 1.33 -0.28	50.80 1.26 -2.86	49.79 1.23 -3.03	47.80 0.70 -6.14	40.15 0.97 -4.61	36.07 0.83 -4.49	34.60 0.76 -4.54
NEG NORTH___PLATTSBURG 23628	32.45 0.53 -4.15	30.77 0.47 -4.44	28.61 0.48 -4.05	27.38 0.48 -4.08	27.95 0.52 -4.99	33.35 0.65 -5.53	39.91 0.84 -5.41	41.57 0.93 -6.11	35.18 1.06 -4.52	26.47 0.97 -0.73	26.24 0.60 -0.72	26.41 0.59 -1.00	27.13 0.55 -1.46	28.84 0.49 -0.98	30.83 0.68 -0.82	33.62 0.71 -0.65	38.01 0.89 -0.01	47.49 1.33 -0.28	50.80 1.26 -2.86	49.79 1.23 -3.03	47.80 0.70 -6.14	40.15 0.97 -4.61	36.07 0.83 -4.49	34.60 0.76 -4.54
NEG WEST_LEA_LOCKPORT 23791	27.74 -0.03 0.00	26.12 0.26 0.00	24.22 0.14 0.00	22.98 0.16 0.00	22.61 0.16 0.00	27.53 0.35 0.00	33.29 -0.37 0.00	33.60 -0.93 0.00	28.74 -0.86 0.00	23.94 -0.84 0.00	24.15 -0.77 0.00	24.16 -0.65 0.00	24.58 -0.53 0.00	26.76 -0.60 0.00	28.63 -0.70 0.00	30.61 -0.90 0.74	35.96 -1.15 0.00	44.04 -1.83 0.00	44.91 -1.77 0.00	43.98 -1.55 0.00	39.94 -1.02 0.00	33.60 -0.97 0.00	30.29 -0.46 0.00	29.53 0.23 0.00
NEG WEST___LANCASTR 23811	27.13 -0.64 0.00	25.53 -0.34 0.00	23.64 -0.43 0.00	22.43 -0.39 0.00	22.09 -0.36 0.00	27.09 -0.08 0.00	32.95 -0.71 0.00	33.46 -1.07 0.00	28.56 -1.04 0.00	23.81 -0.97 0.00	24.03 -0.90 0.00	24.04 -0.77 0.00	24.43 -0.68 0.00	26.63 -0.74 0.00	28.51 -0.82 0.00	30.46 -1.00 0.80	35.85 -1.26 0.00	44.04 -1.83 0.00	44.91 -1.77 0.00	43.89 -1.64 0.00	39.74 -1.23 0.00	33.39 -1.18 0.00	30.05 -0.71 0.00	29.03 -0.26 0.00
NEG_PENN_ALLEGHNY 23528	28.05 0.28 0.00	26.15 0.29 0.00	24.29 0.22 0.00	23.04 0.23 0.00	22.70 0.25 0.00	27.55 0.38 0.00	34.09 0.44 0.00	34.88 0.35 0.00	29.77 0.18 0.00	24.85 0.07 0.00	25.02 0.10 0.00	24.93 0.12 0.00	25.26 0.15 0.00	27.58 0.22 0.00	29.48 0.15 0.00	32.06 0.13 0.32	37.41 0.30 0.00	46.29 0.41 0.00	47.15 0.47 0.00	45.98 0.46 0.00	41.58 0.62 0.00	34.99 0.42 0.00	31.22 0.46 0.00	29.79 0.50 0.00
NEG___GEN_MONROE 24207	28.10 0.33 0.00	26.35 0.49 0.00	24.39 0.31 0.00	23.14 0.32 0.00	22.72 0.27 0.00	27.74 0.57 0.00	33.89 0.24 0.00	34.50 -0.03 0.00	29.48 -0.12 0.00	24.48 -0.30 0.00	24.62 -0.30 0.00	24.61 -0.20 0.00	24.99 -0.13 0.00	27.23 -0.14 0.00	29.10 -0.23 0.00	31.13 -0.32 0.81	36.74 -0.37 0.00	45.37 -0.50 0.00	46.26 -0.42 0.00	45.30 -0.23 0.00	41.09 0.12 0.00	34.54 -0.03 0.00	30.94 0.18 0.00	29.65 0.35 0.00
NEPA___ENERGY 23901	27.66 -0.11 0.00	26.02 0.16 0.00	24.13 0.05 0.00	22.86 0.05 0.00	22.54 0.09 0.00	27.66 0.49 0.00	33.62 -0.03 0.00	34.12 -0.41 0.00	29.12 -0.47 0.00	24.28 -0.50 0.00	24.52 -0.40 0.00	24.51 -0.30 0.00	24.91 -0.20 0.00	27.15 -0.22 0.00	29.07 -0.26 0.00	31.07 -0.39 0.80	36.55 -0.56 0.00	45.00 -0.87 0.00	45.84 -0.84 0.00	44.80 -0.73 0.00	40.60 -0.37 0.00	34.12 -0.45 0.00	30.69 -0.06 0.00	29.62 0.32 0.00

NEVERSINK___HYD 23608	29.05 1.28 0.00	26.95 1.09 0.00	25.19 1.11 0.00	23.77 0.96 0.00	23.44 0.99 0.00	28.31 1.14 0.00	35.17 1.52 0.00	36.12 1.59 0.00	31.15 1.27 -0.28	25.99 1.09 -0.12	26.12 1.20 0.00	26.00 1.19 0.00	26.42 1.30 0.00	28.91 1.42 -0.12	31.26 1.73 -0.20	33.75 1.87 0.38	39.77 2.26 -0.40	48.98 2.66 -0.45	49.63 2.71 -0.24	48.18 2.59 -0.06	43.42 2.46 0.00	36.75 2.18 0.00	32.51 1.75 0.00	30.70 1.41 0.00
NEWKRMKL_115KV_TB1 55635	28.24 0.47 0.00	26.28 0.41 0.00	24.49 0.41 0.00	23.20 0.39 0.00	22.81 0.36 0.00	27.55 0.38 0.00	34.06 0.40 0.00	35.02 0.48 0.00	29.47 0.27 0.39	24.83 0.22 0.17	25.10 0.17 0.00	24.96 0.15 0.00	25.26 0.15 0.00	27.36 0.16 0.17	29.31 0.26 0.29	31.28 0.23 1.20	36.88 0.33 0.56	45.84 0.60 0.63	46.99 0.65 0.34	45.99 0.55 0.08	41.58 0.61 0.00	35.09 0.52 0.00	31.12 0.37 0.00	29.74 0.44 0.00
NEWTON___FALLS_HYD 23847	58.95 0.58 -30.60	59.14 0.54 -32.73	54.39 0.51 -29.81	53.38 0.48 -30.08	59.63 0.45 -36.73	68.49 0.57 -40.74	74.30 0.81 -39.83	80.28 0.76 -44.99	63.55 0.62 -33.33	30.49 0.35 -5.37	30.50 0.27 -5.31	32.49 0.27 -7.40	36.15 0.25 -10.78	34.84 0.27 -7.21	35.68 0.29 -6.05	37.32 0.26 -4.81	37.46 0.30 -0.05	48.42 0.46 -2.09	68.50 0.75 -21.08	68.76 0.91 -22.32	86.96 0.74 -45.26	69.33 0.76 -34.00	64.52 0.68 -33.09	63.38 0.59 -33.50
NGRID_A1_DSASP 323792	27.18 -0.58 0.00	25.48 -0.39 0.00	23.65 -0.43 0.00	22.50 -0.32 0.00	22.16 -0.29 0.00	27.44 0.27 0.00	32.68 -0.98 0.00	32.98 -1.55 0.00	28.18 -1.42 0.00	23.59 -1.19 0.00	23.80 -1.12 0.00	23.82 -0.99 0.00	24.23 -0.88 0.00	26.35 -1.01 0.00	28.13 -1.20 0.00	29.77 -1.74 0.74	35.26 -1.85 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.17 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	29.09 -0.20 0.00
NGRID_A2_DSASP 323793	27.18 -0.58 0.00	25.48 -0.39 0.00	23.65 -0.43 0.00	22.50 -0.32 0.00	22.16 -0.29 0.00	27.44 0.27 0.00	32.68 -0.98 0.00	32.98 -1.55 0.00	28.18 -1.42 0.00	23.59 -1.19 0.00	23.80 -1.12 0.00	23.82 -0.99 0.00	24.23 -0.88 0.00	26.35 -1.01 0.00	28.13 -1.20 0.00	29.77 -1.74 0.74	35.26 -1.85 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.17 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	29.09 -0.20 0.00
NGRID_A4_DSASP 323807	27.18 -0.58 0.00	25.48 -0.39 0.00	23.65 -0.43 0.00	22.50 -0.32 0.00	22.16 -0.29 0.00	27.44 0.27 0.00	32.68 -0.98 0.00	32.98 -1.55 0.00	28.18 -1.42 0.00	23.59 -1.19 0.00	23.80 -1.12 0.00	23.82 -0.99 0.00	24.23 -0.88 0.00	26.35 -1.01 0.00	28.13 -1.20 0.00	29.77 -1.74 0.74	35.26 -1.85 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.17 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	29.09 -0.20 0.00
NIAGARA_115E_LBMP 323715	27.54 -0.22 0.00	25.92 0.05 0.00	24.03 -0.05 0.00	22.86 0.05 0.00	22.52 0.07 0.00	27.06 -0.11 0.00	32.85 -0.81 0.00	33.09 -1.45 0.00	28.23 -1.36 0.00	23.62 -1.16 0.00	23.83 -1.10 0.00	23.84 -0.97 0.00	24.26 -0.85 0.00	26.41 -0.96 0.00	28.19 -1.14 0.00	29.84 -1.68 0.74	35.33 -1.78 0.00	43.31 -2.57 0.00	44.11 -2.57 0.00	43.21 -2.32 0.00	39.29 -1.68 0.00	33.05 -1.52 0.00	29.83 -0.92 0.00	29.44 0.15 0.00
NIAGARA_115W_LBMP 323714	27.10 -0.67 0.00	25.42 -0.44 0.00	23.57 -0.51 0.00	22.43 -0.39 0.00	22.09 -0.36 0.00	27.42 0.24 0.00	32.61 -1.04 0.00	32.88 -1.66 0.00	28.09 -1.51 0.00	23.52 -1.26 0.00	23.73 -1.20 0.00	23.74 -1.07 0.00	24.16 -0.95 0.00	26.30 -1.07 0.00	28.07 -1.26 0.00	29.71 -1.81 0.74	35.14 -1.97 0.00	43.03 -2.84 0.00	43.83 -2.85 0.00	42.94 -2.59 0.00	39.04 -1.92 0.00	32.88 -1.69 0.00	29.68 -1.08 0.00	29.00 -0.29 0.00
NIAGARA_230_LBMP 323716	27.49 -0.28 0.00	25.76 -0.10 0.00	23.91 -0.17 0.00	22.75 -0.07 0.00	22.40 -0.04 0.00	27.34 0.16 0.00	33.05 -0.60 0.00	33.32 -1.21 0.00	28.50 -1.09 0.00	23.84 -0.94 0.00	24.05 -0.87 0.00	24.07 -0.74 0.00	24.46 -0.65 0.00	26.63 -0.74 0.00	28.42 -0.91 0.00	30.12 -1.39 0.75	35.62 -1.49 0.00	43.67 -2.20 0.00	44.49 -2.19 0.00	43.53 -2.00 0.00	39.62 -1.35 0.00	33.36 -1.21 0.00	30.08 -0.68 0.00	29.39 0.09 0.00
NIAGARA___115KV_198_GIBSON 55903	27.05 -0.72 0.00	25.45 -0.41 0.00	23.62 -0.46 0.00	22.38 -0.43 0.00	22.04 -0.40 0.00	27.47 0.30 0.00	32.55 -1.11 0.00	32.88 -1.66 0.00	28.15 -1.45 0.00	23.47 -1.31 0.00	23.70 -1.22 0.00	23.72 -1.09 0.00	24.11 -1.00 0.00	26.22 -1.15 0.00	28.04 -1.29 0.00	29.97 -1.55 0.74	35.22 -1.89 0.00	43.03 -2.84 0.00	43.83 -2.85 0.00	42.93 -2.60 0.00	39.04 -1.93 0.00	32.88 -1.69 0.00	29.68 -1.08 0.00	28.83 -0.47 0.00
NIAGARA____ 23760	27.49 -0.28 0.00	25.76 -0.10 0.00	23.91 -0.17 0.00	22.75 -0.07 0.00	22.40 -0.04 0.00	27.34 0.16 0.00	33.05 -0.60 0.00	33.32 -1.21 0.00	28.50 -1.09 0.00	23.84 -0.94 0.00	24.05 -0.87 0.00	24.07 -0.74 0.00	24.46 -0.65 0.00	26.63 -0.74 0.00	28.42 -0.91 0.00	30.13 -1.39 0.74	35.62 -1.49 0.00	43.67 -2.20 0.00	44.49 -2.19 0.00	43.53 -2.00 0.00	39.62 -1.35 0.00	33.36 -1.21 0.00	30.08 -0.68 0.00	29.39 0.09 0.00
NINE_MILE_1 23575	27.10 -0.67 0.00	25.24 -0.62 0.00	23.48 -0.60 0.00	22.27 -0.55 0.00	21.91 -0.54 0.00	26.55 -0.62 0.00	32.85 -0.81 0.00	33.67 -0.86 0.00	28.80 -0.80 0.00	24.09 -0.69 0.00	24.20 -0.72 0.00	24.09 -0.72 0.00	24.43 -0.68 0.00	26.65 -0.71 0.00	28.33 -1.00 0.00	23.57 -1.16 7.53	35.96 -1.15 0.00	44.50 -1.38 0.00	45.32 -1.36 0.00	44.21 -1.32 0.00	39.86 -1.10 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.71 -0.59 0.00
NINE_MILE_2 23744	27.10 -0.67 0.00	25.24 -0.62 0.00	23.48 -0.60 0.00	22.27 -0.55 0.00	21.91 -0.54 0.00	26.55 -0.62 0.00	32.89 -0.77 0.00	33.67 -0.86 0.00	28.80 -0.80 0.00	24.09 -0.69 0.00	24.20 -0.72 0.00	24.11 -0.69 0.00	24.43 -0.68 0.00	26.65 -0.71 0.00	28.33 -1.00 0.00	23.47 -1.16 7.63	35.96 -1.15 0.00	44.50 -1.38 0.00	45.32 -1.36 0.00	44.21 -1.32 0.00	39.86 -1.10 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.71 -0.59 0.00
NM_CAPITAL___DRP 24208	28.32 0.56 0.00	26.35 0.49 0.00	24.54 0.46 0.00	23.27 0.46 0.00	22.88 0.43 0.00	27.61 0.43 0.00	34.16 0.50 0.00	35.09 0.55 0.00	29.51 0.36 0.44	24.89 0.30 0.19	25.20 0.27 0.00	25.06 0.25 0.00	25.34 0.23 0.00	27.42 0.25 0.19	29.39 0.38 0.32	31.34 0.32 1.24	36.93 0.45 0.63	45.91 0.73 0.70	47.05 0.75 0.38	46.07 0.64 0.09	41.66 0.70 0.00	35.19 0.62 0.00	31.22 0.46 0.00	29.80 0.50 0.00
NM_CENTRAL___DRP 24181	28.98 -0.28 -1.49	27.23 -0.23 -1.60	25.27 -0.26 -1.46	24.03 -0.25 -1.47	24.00 -0.25 -1.79	28.95 -0.22 -1.99	35.33 -0.27 -1.95	36.39 -0.35 -2.20	30.87 -0.36 -1.63	24.67 -0.37 -0.26	24.78 -0.40 -0.26	24.82 -0.35 -0.36	25.29 -0.35 -0.53	27.39 -0.33 -0.35	29.13 -0.50 -0.30	31.69 -0.55 0.02	36.67 -0.45 0.00	45.41 -0.55 -0.09	47.09 -0.51 -0.93	46.01 -0.50 -0.98	42.63 -0.33 -1.99	35.75 -0.31 -1.49	32.02 -0.18 -1.45	30.56 -0.21 -1.47

NM_FRONTIER___DRP 24179	27.05 -0.72 0.00	25.45 -0.41 0.00	23.62 -0.46 0.00	22.38 -0.43 0.00	22.04 -0.40 0.00	27.47 0.30 0.00	32.55 -1.11 0.00	32.88 -1.66 0.00	28.15 -1.45 0.00	23.47 -1.31 0.00	23.70 -1.22 0.00	23.72 -1.09 0.00	24.11 -1.00 0.00	26.22 -1.15 0.00	28.04 -1.29 0.00	29.97 -1.55 0.74	35.22 -1.89 0.00	43.03 -2.84 0.00	43.83 -2.85 0.00	42.93 -2.60 0.00	39.04 -1.93 0.00	32.88 -1.69 0.00	29.68 -1.08 0.00	28.83 -0.47 0.00
NM_ST_REGIS___HYD 24053	67.34 0.36 -39.21	68.14 0.34 -41.94	62.63 0.36 -38.19	61.70 0.34 -38.54	69.85 0.34 -47.06	79.78 0.41 -52.20	85.26 0.57 -51.03	92.73 0.55 -57.64	72.92 0.62 -42.71	32.15 0.50 -6.88	32.19 0.47 -6.80	34.74 0.45 -9.49	39.30 0.38 -13.82	36.98 0.38 -9.23	37.53 0.44 -7.76	38.71 0.29 -6.16	37.48 0.30 -0.07	48.88 0.32 -2.68	74.08 0.37 -27.03	74.60 0.46 -28.62	99.17 0.16 -58.04	78.59 0.41 -43.61	73.62 0.43 -42.43	72.67 0.41 -42.96
NORTHPORT___1 23551	29.46 1.69 0.00	27.18 1.32 0.00	25.28 1.20 0.00	23.77 0.96 0.00	23.37 0.92 0.00	28.42 1.25 0.00	35.44 1.78 0.00	36.75 2.21 0.00	31.63 1.51 -0.52	26.54 1.54 -0.22	26.90 1.97 -0.01	26.88 2.06 -0.01	27.08 1.96 -0.01	29.67 2.08 -0.23	32.18 2.46 -0.39	36.25 2.68 -1.31	41.06 3.19 -0.75	49.87 3.16 -0.83	50.21 3.08 -0.45	48.28 2.64 -0.11	43.79 2.82 0.00	38.31 2.77 -0.97	33.07 2.31 -0.01	30.88 1.58 0.00
NORTHPORT___2 23552	29.46 1.69 0.00	27.18 1.32 0.00	25.28 1.20 0.00	23.77 0.96 0.00	23.37 0.92 0.00	28.42 1.25 0.00	35.44 1.78 0.00	36.75 2.21 0.00	31.63 1.51 -0.52	26.54 1.54 -0.22	26.90 1.97 -0.01	26.88 2.06 -0.01	27.08 1.96 -0.01	29.67 2.08 -0.23	32.18 2.46 -0.39	36.25 2.68 -1.31	41.06 3.19 -0.75	49.87 3.16 -0.83	50.21 3.08 -0.45	48.28 2.64 -0.11	43.79 2.82 0.00	38.31 2.77 -0.97	33.07 2.31 -0.01	30.88 1.58 0.00
NORTHPORT___3 23553	29.16 1.39 0.00	26.90 1.04 0.00	25.04 0.96 0.00	23.55 0.73 0.00	23.15 0.70 0.00	28.15 0.98 0.00	35.14 1.48 0.00	36.43 1.90 0.00	31.48 1.36 -0.52	26.37 1.36 -0.22	26.70 1.77 -0.01	26.65 1.84 -0.01	26.90 1.78 -0.01	29.48 1.89 -0.23	31.98 2.26 -0.39	36.04 2.45 -1.33	40.35 2.49 -0.75	48.71 2.02 -0.83	49.03 1.91 -0.44	47.13 1.50 -0.10	42.64 1.68 0.01	37.93 2.38 -0.98	32.76 2.00 -0.01	30.65 1.35 0.00
NORTHPORT___4 23650	29.16 1.39 0.00	26.90 1.04 0.00	25.04 0.96 0.00	23.55 0.73 0.00	23.15 0.70 0.00	28.15 0.98 0.00	35.14 1.48 0.00	36.43 1.90 0.00	31.48 1.36 -0.52	26.37 1.36 -0.22	26.70 1.77 -0.01	26.65 1.84 -0.01	26.90 1.78 -0.01	29.48 1.89 -0.23	31.98 2.26 -0.39	36.04 2.45 -1.33	40.35 2.49 -0.75	48.71 2.02 -0.83	49.03 1.91 -0.44	47.13 1.50 -0.10	42.64 1.68 0.01	37.93 2.38 -0.98	32.76 2.00 -0.01	30.65 1.35 0.00
NORTHPORT___IC 23718	29.54 1.78 0.00	27.26 1.40 0.00	25.35 1.28 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.48 1.30 0.00	35.51 1.85 0.00	36.81 2.28 0.00	31.74 1.63 -0.52	26.61 1.61 -0.22	26.93 1.99 -0.01	26.88 2.06 -0.01	27.13 2.01 -0.01	29.73 2.13 -0.23	32.18 2.46 -0.39	36.25 2.68 -1.31	40.94 3.08 -0.75	49.87 3.17 -0.83	50.21 3.08 -0.45	48.28 2.64 -0.11	43.79 2.83 0.00	38.31 2.77 -0.97	33.07 2.31 -0.01	31.20 1.90 0.00
NORTH___COUNTRY_ESR 323785	34.78 0.14 -6.87	33.32 0.10 -7.35	30.89 0.12 -6.69	29.71 0.14 -6.76	30.88 0.18 -8.25	36.54 0.22 -9.15	42.87 0.27 -8.94	44.95 0.31 -10.10	37.58 0.50 -7.49	26.48 0.50 -1.21	26.39 0.27 -1.19	26.72 0.25 -1.66	27.76 0.23 -2.42	29.12 0.14 -1.62	30.98 0.29 -1.36	33.60 0.26 -1.08	37.42 0.30 -0.01	46.90 0.55 -0.47	51.93 0.51 -4.73	51.04 0.50 -5.01	51.21 0.08 -10.16	42.55 0.35 -7.64	38.46 0.28 -7.43	37.08 0.26 -7.52
NPX_GEN_1385_PROXY 323591	29.35 1.58 0.00	27.10 1.24 0.00	25.14 1.06 0.00	23.71 0.89 0.00	23.28 0.83 0.00	28.26 1.09 0.00	35.04 1.38 0.00	36.50 1.97 0.00	29.76 0.98 0.81	26.14 1.14 -0.22	26.53 1.60 -0.01	26.48 1.66 -0.01	26.70 1.58 -0.01	28.13 1.59 0.82	29.12 1.94 2.15	29.92 2.10 4.43	37.90 2.49 1.70	44.43 2.34 3.78	47.26 2.24 1.66	47.55 1.91 -0.11	43.30 2.33 0.00	37.99 2.45 -0.97	32.61 1.85 -0.01	30.35 1.05 0.00
NPX_GEN_CSC 323557	29.49 1.72 0.00	27.16 1.29 0.00	25.21 1.13 0.00	23.66 0.84 0.00	23.23 0.79 0.00	28.31 1.14 0.00	35.34 1.68 0.00	36.64 2.11 0.00	31.51 1.39 -0.52	26.41 1.41 -0.22	26.95 2.02 -0.01	26.90 2.08 -0.01	27.05 1.93 -0.01	29.67 2.08 -0.23	32.21 2.49 -0.39	36.37 2.77 -1.34	41.24 3.38 -0.75	50.24 3.53 -0.83	50.73 3.59 -0.46	48.69 3.05 -0.11	44.09 3.11 -0.01	38.56 3.01 -0.99	33.19 2.43 -0.01	30.94 1.64 0.00
NSINS_S_GLNS_FALLS 23858	29.88 2.11 0.00	27.85 1.99 0.00	25.98 1.90 0.00	24.64 1.83 0.00	24.24 1.80 0.00	29.37 2.20 0.00	36.08 2.42 0.00	37.12 2.59 0.00	30.71 1.66 0.54	25.52 0.97 0.23	25.65 0.72 0.00	25.43 0.62 0.00	25.61 0.50 0.00	27.74 0.60 0.23	29.76 0.82 0.39	32.01 1.10 1.35	38.08 1.74 0.77	48.27 3.26 0.86	50.04 3.83 0.46	49.24 3.82 0.11	44.41 3.44 0.00	37.30 2.73 0.00	33.12 2.37 0.00	31.55 2.26 0.00
NUCOR_STEEL___DRP 24197	28.91 0.08 -1.06	27.12 0.13 -1.13	25.16 0.05 -1.03	23.90 0.05 -1.04	23.76 0.04 -1.27	28.74 0.16 -1.41	35.24 0.20 -1.38	36.23 0.14 -1.55	30.75 0.00 -1.15	24.84 -0.12 -0.19	24.96 -0.15 -0.18	24.94 -0.12 -0.26	25.41 -0.08 -0.37	27.59 -0.03 -0.25	29.39 -0.15 -0.21	32.31 -0.13 -0.18	37.15 0.04 0.00	46.07 0.14 -0.06	47.54 0.23 -0.62	46.42 0.23 -0.66	42.68 0.37 -1.34	35.78 0.21 -1.00	31.97 0.25 -0.97	30.51 0.23 -0.98
NUMBER_THREE_WT_PWR 323818	41.97 0.86 -13.34	40.96 0.83 -14.27	37.77 0.70 -13.00	36.64 0.71 -13.12	39.14 0.67 -16.02	45.78 0.84 -17.77	52.24 1.21 -17.37	55.33 1.17 -19.62	44.96 0.83 -14.53	27.54 0.42 -2.34	27.59 0.35 -2.31	28.34 0.30 -3.23	30.14 0.33 -4.70	30.89 0.38 -3.14	32.38 0.41 -2.64	34.87 0.51 -2.10	37.76 0.63 -0.02	47.88 1.10 -0.91	57.34 1.49 -9.16	56.92 1.69 -9.70	62.16 1.52 -19.68	50.60 1.24 -14.78	46.22 1.08 -14.39	44.80 0.94 -14.57
NYISO_LBMP_REFERENCE 24008	27.77 0.00 0.00	25.86 0.00 0.00	24.08 0.00 0.00	22.82 0.00 0.00	22.45 0.00 0.00	27.17 0.00 0.00	33.66 0.00 0.00	34.53 0.00 0.00	29.60 0.00 0.00	24.78 0.00 0.00	24.92 0.00 0.00	24.81 0.00 0.00	25.11 0.00 0.00	27.36 0.00 0.00	29.33 0.00 0.00	32.26 0.00 0.00	37.11 0.00 0.00	45.87 0.00 0.00	46.68 0.00 0.00	45.53 0.00 0.00	40.97 0.00 0.00	34.57 0.00 0.00	30.75 0.00 0.00	29.30 0.00 0.00
NYPA_BRENTWD____GT 24164	29.79 2.03 0.00	27.47 1.60 0.00	25.55 1.47 0.00	24.00 1.19 0.00	23.59 1.14 0.00	28.69 1.52 0.00	35.84 2.19 0.00	37.16 2.62 0.00	31.98 1.87 -0.52	26.81 1.81 -0.22	27.28 2.34 -0.01	27.22 2.41 -0.01	27.41 2.28 -0.01	30.06 2.46 -0.23	32.62 2.90 -0.39	36.82 3.19 -1.36	41.65 3.79 -0.75	50.65 3.95 -0.83	51.09 3.97 -0.45	49.10 3.46 -0.11	44.45 3.48 0.00	38.89 3.32 -1.00	33.50 2.74 -0.01	31.26 1.96 0.00

NYPA_GOWANUS____GT5 24156	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NYPA_GOWANUS____GT6 24157	29.18 1.42 0.00	27.08 1.22 0.00	25.33 1.25 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.31 1.14 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.46 1.46 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.58 2.00 -0.22	32.09 2.37 -0.38	34.62 2.58 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.66 1.91 0.00	30.79 1.49 0.00
NYPA_HARLEM__RVR__GT1 24160	29.14 1.36 -0.01	27.06 1.19 -0.01	25.39 1.30 -0.01	23.94 1.12 -0.01	23.58 1.12 -0.01	28.21 1.03 0.00	34.90 1.25 0.00	35.94 1.42 0.01	31.41 1.30 -0.51	26.38 1.39 -0.21	26.51 1.60 0.01	26.46 1.66 0.01	26.79 1.68 0.01	29.38 1.81 -0.21	31.87 2.17 -0.37	34.36 2.32 0.23	40.74 2.90 -0.74	49.54 2.85 -0.83	49.73 2.61 -0.44	47.86 2.23 -0.10	43.25 2.29 0.01	36.39 1.83 0.01	32.51 1.75 0.00	30.73 1.44 0.00
NYPA_HARLEM__RVR__GT2 24161	29.14 1.36 -0.01	27.06 1.19 -0.01	25.39 1.30 -0.01	23.94 1.12 -0.01	23.58 1.12 -0.01	28.21 1.03 0.00	34.90 1.25 0.00	35.94 1.42 0.01	31.41 1.30 -0.51	26.38 1.39 -0.21	26.51 1.60 0.01	26.46 1.66 0.01	26.79 1.68 0.01	29.38 1.81 -0.21	31.87 2.17 -0.37	34.36 2.32 0.23	40.74 2.90 -0.74	49.54 2.85 -0.83	49.73 2.61 -0.44	47.86 2.23 -0.10	43.25 2.29 0.01	36.39 1.83 0.01	32.51 1.75 0.00	30.73 1.44 0.00
NYPA_KENT____GT 24152	29.13 1.36 0.00	27.03 1.16 0.00	25.31 1.23 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.57 1.45 -0.52	26.49 1.49 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.59 2.55 0.22	41.05 3.19 -0.74	49.92 3.21 -0.83	50.16 3.03 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.68 2.11 0.00	32.63 1.88 0.00	30.73 1.44 0.00
NYPA_POUCH1____GT 24155	29.24 1.47 0.00	27.13 1.27 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.34 1.17 0.00	35.14 1.48 0.00	36.19 1.66 0.00	31.51 1.39 -0.52	26.44 1.44 -0.22	26.54 1.62 0.00	26.52 1.71 0.00	26.84 1.73 0.00	29.53 1.94 -0.22	32.06 2.35 -0.38	34.59 2.55 0.22	41.12 3.27 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	30.85 1.55 0.00
NYPA_VERNON____GT2 24162	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.23 1.69 0.00	31.60 1.48 -0.52	26.51 1.51 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.97 3.12 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.57 1.81 0.00	30.67 1.38 0.00
NYPA_VERNON____GT3 24163	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.23 1.69 0.00	31.60 1.48 -0.52	26.51 1.51 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.97 3.12 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.57 1.81 0.00	30.67 1.38 0.00
NYPA____ASTORIA_CC1 323568	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.07 1.41 0.00	36.16 1.62 0.00	31.57 1.45 -0.52	26.49 1.49 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.87 1.76 0.00	29.53 1.94 -0.22	32.00 2.29 -0.38	34.52 2.48 0.22	40.90 3.04 -0.74	49.73 3.03 -0.83	49.98 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.57 2.00 0.00	32.54 1.78 0.00	30.67 1.38 0.00
NYPA____ASTORIA_CC2 323569	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.07 1.41 0.00	36.16 1.62 0.00	31.57 1.45 -0.52	26.49 1.49 -0.22	26.59 1.67 0.00	26.57 1.76 0.00	26.87 1.76 0.00	29.53 1.94 -0.22	32.00 2.29 -0.38	34.52 2.48 0.22	40.90 3.04 -0.74	49.73 3.03 -0.83	49.98 2.85 -0.45	48.10 2.46 -0.11	43.42 2.46 0.00	36.57 2.00 0.00	32.54 1.78 0.00	30.67 1.38 0.00
NYPA____HOLTSVILL 23794	29.57 1.80 0.00	27.28 1.42 0.00	25.35 1.28 0.00	23.82 1.00 0.00	23.41 0.96 0.00	28.48 1.30 0.00	35.54 1.88 0.00	36.85 2.31 0.00	31.71 1.60 -0.52	26.59 1.59 -0.22	27.05 2.12 -0.01	27.00 2.18 -0.01	27.18 2.06 -0.01	29.81 2.22 -0.23	32.33 2.61 -0.39	36.46 2.87 -1.33	41.28 3.41 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.13 3.15 -0.01	38.59 3.04 -0.98	33.25 2.49 -0.01	31.05 1.76 0.00
NYPA____HELLGATE_GT1 24158	29.14 1.36 -0.01	27.06 1.19 -0.01	25.39 1.30 -0.01	23.94 1.12 -0.01	23.58 1.12 -0.01	28.21 1.03 0.00	34.90 1.25 0.00	35.94 1.42 0.01	31.41 1.30 -0.51	26.38 1.39 -0.21	26.51 1.60 0.01	26.46 1.66 0.01	26.79 1.68 0.01	29.38 1.81 -0.21	31.87 2.17 -0.37	34.36 2.32 0.23	40.74 2.90 -0.74	49.54 2.85 -0.83	49.73 2.61 -0.44	47.86 2.23 -0.10	43.25 2.29 0.01	36.39 1.83 0.01	32.51 1.75 0.00	30.73 1.44 0.00
NYPA____HELLGATE_GT2 24159	29.14 1.36 -0.01	27.06 1.19 -0.01	25.39 1.30 -0.01	23.94 1.12 -0.01	23.58 1.12 -0.01	28.21 1.03 0.00	34.90 1.25 0.00	35.94 1.42 0.01	31.41 1.30 -0.51	26.38 1.39 -0.21	26.51 1.60 0.01	26.46 1.66 0.01	26.79 1.68 0.01	29.38 1.81 -0.21	31.87 2.17 -0.37	34.36 2.32 0.23	40.74 2.90 -0.74	49.54 2.85 -0.83	49.73 2.61 -0.44	47.86 2.23 -0.10	43.25 2.29 0.01	36.39 1.83 0.01	32.51 1.75 0.00	30.73 1.44 0.00
NYS_BARGE____HYD 23848	27.82 0.06 0.00	26.12 0.26 0.00	24.22 0.15 0.00	23.04 0.23 0.00	22.70 0.25 0.00	27.47 0.30 0.00	33.32 -0.34 0.00	33.64 -0.90 0.00	28.71 -0.89 0.00	23.96 -0.82 0.00	24.18 -0.75 0.00	24.19 -0.62 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.63 -0.70 0.00	30.35 -1.16 0.75	35.89 -1.22 0.00	44.08 -1.79 0.00	44.91 -1.77 0.00	43.98 -1.55 0.00	39.94 -1.02 0.00	33.60 -0.97 0.00	30.29 -0.46 0.00	29.71 0.41 0.00
OAK ORCHARD____HYD 24046	27.96 0.20 0.00	26.12 0.26 0.00	24.22 0.15 0.00	23.00 0.18 0.00	22.61 0.16 0.00	27.55 0.38 0.00	33.83 0.17 0.00	34.47 -0.07 0.00	29.45 -0.15 0.00	24.53 -0.25 0.00	24.67 -0.25 0.00	24.64 -0.17 0.00	25.06 -0.05 0.00	27.34 -0.03 0.00	29.13 -0.20 0.00	31.06 -0.39 0.81	36.85 -0.26 0.00	45.55 -0.32 0.00	46.40 -0.28 0.00	45.39 -0.14 0.00	41.13 0.16 0.00	34.54 -0.03 0.00	30.91 0.15 0.00	29.68 0.38 0.00

OAKDALE___35_KV_LOAD 356122	27.91 0.14 0.00	26.04 0.18 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.58 0.13 0.00	27.44 0.27 0.00	33.89 0.24 0.00	34.71 0.17 0.00	29.63 0.03 0.00	24.73 -0.05 0.00	24.90 -0.02 0.00	24.81 0.00 0.00	25.14 0.03 0.00	27.45 0.08 0.00	29.36 0.03 0.00	31.95 0.03 0.34	37.22 0.11 0.00	46.06 0.18 0.00	46.87 0.19 0.00	45.76 0.23 0.00	41.34 0.37 0.00	34.81 0.24 0.00	31.06 0.31 0.00	29.65 0.35 0.00
OCC_CHEM___DRP 24175	27.13 -0.64 0.00	25.53 -0.34 0.00	23.67 -0.41 0.00	22.45 -0.37 0.00	22.11 -0.34 0.00	27.50 0.33 0.00	32.61 -1.04 0.00	32.95 -1.59 0.00	28.20 -1.39 0.00	23.54 -1.24 0.00	23.75 -1.17 0.00	23.77 -1.04 0.00	24.16 -0.95 0.00	26.30 -1.07 0.00	28.13 -1.20 0.00	30.07 -1.45 0.74	35.29 -1.82 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.16 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	28.92 -0.38 0.00
OH_GEN_PROXY 24063	27.46 -0.30 0.00	25.76 -0.10 0.00	23.88 -0.19 0.00	22.73 -0.09 0.00	22.38 -0.07 0.00	27.34 0.16 0.00	33.05 -0.60 0.00	33.40 -1.14 0.00	28.53 -1.06 0.00	23.86 -0.92 0.00	24.08 -0.85 0.00	24.09 -0.72 0.00	24.48 -0.63 0.00	26.65 -0.71 0.00	28.45 -0.88 0.00	30.15 -1.35 0.75	35.70 -1.41 0.00	43.81 -2.06 0.00	44.58 -2.10 0.00	43.66 -1.87 0.00	39.70 -1.27 0.00	33.39 -1.18 0.00	30.11 -0.65 0.00	29.39 0.09 0.00
OLIN_CORP_DRP 24177	27.52 -0.25 0.00	25.97 0.10 0.00	24.08 0.00 0.00	22.84 0.02 0.00	22.47 0.02 0.00	27.20 0.03 0.00	32.85 -0.81 0.00	33.12 -1.42 0.00	28.35 -1.24 0.00	23.64 -1.14 0.00	23.85 -1.07 0.00	23.87 -0.94 0.00	24.26 -0.85 0.00	26.41 -0.96 0.00	28.24 -1.09 0.00	30.20 -1.32 0.74	35.48 -1.63 0.00	43.40 -2.48 0.00	44.21 -2.47 0.00	43.30 -2.23 0.00	39.37 -1.60 0.00	33.12 -1.45 0.00	29.89 -0.86 0.00	29.30 0.00 0.00
OLIN_CORP_DSASP 323712	27.18 -0.58 0.00	25.48 -0.39 0.00	23.65 -0.43 0.00	22.50 -0.32 0.00	22.16 -0.29 0.00	27.44 0.27 0.00	32.68 -0.98 0.00	32.98 -1.55 0.00	28.18 -1.42 0.00	23.59 -1.19 0.00	23.80 -1.12 0.00	23.82 -0.99 0.00	24.23 -0.88 0.00	26.35 -1.01 0.00	28.13 -1.20 0.00	29.77 -1.74 0.74	35.26 -1.85 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.17 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	29.09 -0.20 0.00
ONEIDA_HERK_LFGE 323681	34.75 0.78 -6.21	33.23 0.72 -6.64	30.75 0.62 -6.05	29.53 0.62 -6.10	30.51 0.61 -7.45	36.20 0.76 -8.27	42.82 1.08 -8.08	44.70 1.04 -9.13	37.10 0.74 -6.76	26.29 0.42 -1.09	26.37 0.37 -1.08	26.66 0.35 -1.50	27.68 0.38 -2.19	29.26 0.44 -1.46	31.03 0.47 -1.23	33.82 0.58 -0.98	37.82 0.70 -0.01	47.39 1.10 -0.42	52.29 1.35 -4.25	51.49 1.46 -4.50	51.45 1.35 -9.13	42.50 1.07 -6.86	38.35 0.92 -6.67	36.85 0.79 -6.76
ONEIDA___115KV_TB4 55905	31.42 0.81 -2.85	29.68 0.78 -3.04	27.55 0.70 -2.77	26.27 0.66 -2.80	26.49 0.63 -3.42	31.78 0.82 -3.79	38.51 1.14 -3.70	39.82 1.11 -4.18	33.46 0.77 -3.10	25.73 0.45 -0.50	25.84 0.42 -0.49	25.89 0.40 -0.69	26.54 0.43 -1.00	28.55 0.52 -0.67	30.42 0.53 -0.56	33.36 0.65 -0.45	37.93 0.82 0.00	47.21 1.15 -0.19	49.99 1.40 -1.91	49.05 1.50 -2.02	46.46 1.39 -4.10	38.72 1.07 -3.08	34.67 0.92 -3.00	33.12 0.79 -3.03
ONONDAGA_REF_OCCRA 23987	28.85 -0.25 -1.34	27.09 -0.21 -1.43	25.14 -0.24 -1.30	23.88 -0.25 -1.31	23.83 -0.22 -1.60	28.76 -0.19 -1.78	35.16 -0.24 -1.74	36.19 -0.31 -1.97	30.70 -0.36 -1.46	24.64 -0.37 -0.23	24.78 -0.37 -0.23	24.79 -0.35 -0.32	25.26 -0.33 -0.47	27.38 -0.30 -0.31	29.13 -0.47 -0.26	31.97 -0.52 -0.22	36.70 -0.41 0.00	45.45 -0.50 -0.08	47.07 -0.42 -0.81	45.98 -0.41 -0.86	42.47 -0.25 -1.75	35.61 -0.28 -1.31	31.88 -0.15 -1.28	30.41 -0.18 -1.29
ONONDAGA___COGEN 23986	28.88 -0.14 -1.25	27.09 -0.10 -1.33	25.15 -0.14 -1.21	23.91 -0.14 -1.23	23.81 -0.13 -1.50	28.75 -0.08 -1.66	35.18 -0.10 -1.62	36.20 -0.17 -1.83	30.72 -0.24 -1.36	24.73 -0.27 -0.22	24.84 -0.30 -0.22	24.86 -0.25 -0.30	25.30 -0.25 -0.44	27.44 -0.22 -0.29	29.20 -0.38 -0.25	32.26 -0.39 -0.39	36.82 -0.30 0.00	45.67 -0.28 -0.07	47.20 -0.23 -0.75	46.10 -0.23 -0.80	42.50 -0.08 -1.62	35.64 -0.14 -1.21	31.87 -0.06 -1.18	30.43 -0.06 -1.19
ONTARIO___LFGE 23819	29.06 0.42 -0.87	27.21 0.41 -0.93	25.24 0.31 -0.85	23.99 0.32 -0.86	23.83 0.34 -1.05	28.90 0.57 -1.16	35.46 0.67 -1.13	36.33 0.52 -1.28	30.81 0.27 -0.95	24.96 0.02 -0.15	25.05 -0.02 -0.15	25.04 0.02 -0.21	25.54 0.13 -0.31	27.76 0.19 -0.21	29.56 0.06 -0.17	31.91 0.03 0.38	37.41 0.30 0.00	46.24 0.37 0.00	47.24 0.56 0.00	46.12 0.59 0.00	41.71 0.74 0.00	35.09 0.52 0.00	31.37 0.61 0.00	30.00 0.70 0.00
ORANGEVILLE_WT_PWR 323706	27.85 0.08 0.00	26.07 0.21 0.00	24.18 0.10 0.00	23.00 0.18 0.00	22.65 0.20 0.00	27.63 0.46 0.00	33.73 0.07 0.00	34.16 -0.38 0.00	29.00 -0.59 0.00	24.16 -0.62 0.00	24.35 -0.57 0.00	24.36 -0.45 0.00	24.76 -0.35 0.00	27.01 -0.36 0.00	28.83 -0.50 0.00	30.68 -0.84 0.74	36.33 -0.78 0.00	44.77 -1.10 0.00	45.75 -0.93 0.00	44.80 -0.73 0.00	40.64 -0.33 0.00	34.16 -0.41 0.00	30.72 -0.03 0.00	29.79 0.50 0.00
ORANGEVILLE___ESR 323794	27.85 0.08 0.00	26.07 0.21 0.00	24.18 0.10 0.00	23.00 0.18 0.00	22.65 0.20 0.00	27.63 0.46 0.00	33.73 0.07 0.00	34.16 -0.38 0.00	29.00 -0.59 0.00	24.16 -0.62 0.00	24.35 -0.57 0.00	24.36 -0.45 0.00	24.76 -0.35 0.00	27.01 -0.36 0.00	28.83 -0.50 0.00	30.68 -0.84 0.74	36.33 -0.78 0.00	44.77 -1.10 0.00	45.75 -0.93 0.00	44.80 -0.73 0.00	40.64 -0.33 0.00	34.16 -0.41 0.00	30.72 -0.03 0.00	29.79 0.50 0.00
OSWEGATCHIE___HYD 24044	58.95 0.58 -30.60	59.14 0.54 -32.73	54.34 0.46 -29.81	53.38 0.48 -30.08	59.65 0.47 -36.73	68.49 0.57 -40.74	74.33 0.84 -39.83	80.32 0.79 -44.99	63.55 0.62 -33.33	30.49 0.35 -5.37	30.48 0.25 -5.31	32.44 0.22 -7.40	36.15 0.25 -10.78	34.79 0.22 -7.21	35.68 0.29 -6.05	37.32 0.26 -4.81	37.39 0.22 -0.05	48.42 0.46 -2.09	68.50 0.74 -21.08	68.76 0.91 -22.32	86.96 0.74 -45.26	69.33 0.76 -34.00	64.52 0.68 -33.09	63.41 0.62 -33.50
OSWEGO___5 23606	27.30 -0.47 0.00	25.42 -0.44 0.00	23.65 -0.43 0.00	22.41 -0.41 0.00	22.05 -0.40 0.00	26.74 -0.44 0.00	33.09 -0.57 0.00	33.91 -0.62 0.00	29.00 -0.59 0.00	24.24 -0.55 0.00	24.35 -0.57 0.00	24.26 -0.55 0.00	24.58 -0.53 0.00	26.82 -0.55 0.00	28.54 -0.79 0.00	35.15 -0.90 -3.79	36.26 -0.85 0.00	44.82 -1.05 0.00	45.65 -1.03 0.00	44.57 -0.96 0.00	40.19 -0.78 0.00	33.88 -0.69 0.00	30.17 -0.59 0.00	28.92 -0.38 0.00
OSWEGO___6 23613	27.30 -0.47 0.00	25.42 -0.44 0.00	23.65 -0.43 0.00	22.41 -0.41 0.00	22.05 -0.40 0.00	26.74 -0.44 0.00	33.09 -0.57 0.00	33.91 -0.62 0.00	29.00 -0.59 0.00	24.24 -0.55 0.00	24.35 -0.57 0.00	24.26 -0.55 0.00	24.58 -0.53 0.00	26.82 -0.55 0.00	28.54 -0.79 0.00	35.15 -0.90 -3.79	36.26 -0.85 0.00	44.82 -1.05 0.00	45.65 -1.03 0.00	44.57 -0.96 0.00	40.19 -0.78 0.00	33.88 -0.69 0.00	30.17 -0.59 0.00	28.92 -0.38 0.00

OUTOKUMPU-AB___DRP 24206	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.58 0.13 0.00	27.77 0.60 0.00	33.39 -0.27 0.00	33.77 -0.76 0.00	28.89 -0.71 0.00	24.09 -0.69 0.00	24.30 -0.62 0.00	24.34 -0.47 0.00	24.73 -0.38 0.00	26.93 -0.44 0.00	28.83 -0.50 0.00	30.85 -0.68 0.73	36.18 -0.93 0.00	44.31 -1.56 0.00	45.14 -1.54 0.00	44.21 -1.32 0.00	40.15 -0.82 0.00	33.74 -0.83 0.00	30.42 -0.34 0.00	29.56 0.26 0.00
OXBOW___BTM 323836	27.52 -0.25 0.00	25.79 -0.08 0.00	23.91 -0.17 0.00	22.77 -0.05 0.00	22.40 -0.04 0.00	27.63 0.46 0.00	33.12 -0.54 0.00	33.43 -1.11 0.00	28.56 -1.04 0.00	23.89 -0.89 0.00	24.10 -0.82 0.00	24.14 -0.67 0.00	24.56 -0.55 0.00	26.74 -0.63 0.00	28.54 -0.79 0.00	30.23 -1.29 0.74	35.74 -1.37 0.00	43.81 -2.06 0.00	44.63 -2.05 0.00	43.71 -1.82 0.00	39.70 -1.27 0.00	33.39 -1.18 0.00	30.14 -0.61 0.00	29.44 0.15 0.00
OXBOW___ 24026	27.46 -0.31 0.00	25.84 -0.03 0.00	23.96 -0.12 0.00	22.72 -0.09 0.00	22.36 -0.09 0.00	27.69 0.52 0.00	33.05 -0.61 0.00	33.43 -1.11 0.00	28.59 -1.01 0.00	23.84 -0.94 0.00	24.08 -0.85 0.00	24.09 -0.72 0.00	24.51 -0.60 0.00	26.65 -0.71 0.00	28.54 -0.79 0.00	30.52 -1.00 0.74	35.81 -1.30 0.00	43.81 -2.06 0.00	44.63 -2.05 0.00	43.71 -1.82 0.00	39.70 -1.27 0.00	33.39 -1.18 0.00	30.14 -0.62 0.00	29.27 -0.03 0.00
OXY_CHEM_DSASP 323612	27.13 -0.64 0.00	25.53 -0.34 0.00	23.67 -0.41 0.00	22.45 -0.37 0.00	22.11 -0.34 0.00	27.50 0.33 0.00	32.61 -1.04 0.00	32.95 -1.59 0.00	28.20 -1.39 0.00	23.54 -1.24 0.00	23.75 -1.17 0.00	23.77 -1.04 0.00	24.16 -0.95 0.00	26.30 -1.07 0.00	28.13 -1.20 0.00	30.07 -1.45 0.74	35.29 -1.82 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.16 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	28.92 -0.38 0.00
OZONE_PARK_ESR 323760	29.29 1.53 0.00	27.18 1.32 0.00	25.43 1.35 0.00	24.00 1.19 0.00	23.64 1.19 0.00	28.59 1.41 0.00	35.58 1.92 0.00	36.71 2.18 0.00	32.01 1.89 -0.52	26.81 1.81 -0.22	26.89 1.97 0.00	26.82 2.01 0.00	27.20 2.08 0.00	29.86 2.27 -0.22	32.35 2.64 -0.38	34.88 2.84 0.22	41.23 3.38 -0.74	50.33 3.62 -0.83	50.63 3.50 -0.45	48.73 3.10 -0.11	44.00 3.03 0.00	37.06 2.49 0.00	32.88 2.12 0.00	31.17 1.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.13 -0.64 0.00	25.53 -0.34 0.00	23.67 -0.41 0.00	22.45 -0.37 0.00	22.11 -0.34 0.00	27.50 0.33 0.00	32.61 -1.04 0.00	32.95 -1.59 0.00	28.20 -1.39 0.00	23.54 -1.24 0.00	23.75 -1.17 0.00	23.77 -1.04 0.00	24.16 -0.95 0.00	26.30 -1.07 0.00	28.13 -1.20 0.00	30.07 -1.45 0.74	35.29 -1.82 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.16 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	28.92 -0.38 0.00
PACKARD__115KV_DUPONT_184 80571	27.13 -0.64 0.00	25.53 -0.34 0.00	23.67 -0.41 0.00	22.45 -0.37 0.00	22.11 -0.34 0.00	27.50 0.33 0.00	32.61 -1.04 0.00	32.95 -1.59 0.00	28.20 -1.39 0.00	23.54 -1.24 0.00	23.75 -1.17 0.00	23.77 -1.04 0.00	24.16 -0.95 0.00	26.30 -1.07 0.00	28.13 -1.20 0.00	30.07 -1.45 0.74	35.29 -1.82 0.00	43.17 -2.71 0.00	43.93 -2.75 0.00	43.03 -2.50 0.00	39.16 -1.80 0.00	32.95 -1.62 0.00	29.74 -1.01 0.00	28.92 -0.38 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.28 1.50 -0.01	27.19 1.32 -0.01	25.43 1.35 0.00	24.00 1.19 0.00	23.64 1.19 0.00	28.34 1.17 0.00	35.11 1.45 0.00	36.12 1.59 0.00	31.54 1.42 -0.52	26.47 1.46 -0.22	26.52 1.60 0.00	26.47 1.66 0.00	26.82 1.71 0.00	29.45 1.86 -0.22	31.91 2.20 -0.38	34.39 2.35 0.22	40.71 2.86 -0.74	49.60 2.89 -0.83	49.79 2.66 -0.45	47.92 2.28 -0.11	43.26 2.29 0.00	36.47 1.90 0.00	32.57 1.81 0.00	31.08 1.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.50 1.72 -0.01	27.42 1.55 -0.01	25.64 1.57 0.00	24.19 1.37 0.00	23.82 1.37 0.00	28.59 1.41 0.00	35.37 1.72 0.00	36.40 1.86 0.00	31.77 1.66 -0.52	26.66 1.66 -0.22	26.69 1.77 0.00	26.62 1.81 0.00	26.99 1.88 0.00	29.64 2.05 -0.22	32.12 2.41 -0.38	34.62 2.58 0.22	40.97 3.12 -0.74	49.92 3.21 -0.83	50.12 2.99 -0.45	48.23 2.60 -0.11	43.59 2.62 0.00	36.68 2.11 0.00	32.81 2.06 0.00	31.32 2.02 0.00
PATROON__115KV_TB1 80586	28.30 0.53 0.00	26.35 0.49 0.00	24.54 0.46 0.00	23.27 0.46 0.00	22.88 0.43 0.00	27.63 0.46 0.00	34.16 0.50 0.00	35.12 0.59 0.00	29.54 0.36 0.41	24.88 0.27 0.17	25.15 0.22 0.00	25.01 0.20 0.00	25.31 0.20 0.00	27.38 0.19 0.17	29.35 0.32 0.30	31.34 0.29 1.21	36.94 0.41 0.58	45.95 0.73 0.65	47.12 0.79 0.35	46.13 0.68 0.09	41.70 0.74 0.00	35.19 0.62 0.00	31.22 0.46 0.00	29.82 0.53 0.00
PATTRSNVILLE___SOLAR 323815	28.66 0.89 0.00	26.69 0.83 0.00	24.87 0.79 0.00	23.57 0.75 0.00	23.19 0.74 0.00	28.10 0.92 0.00	34.73 1.08 0.00	35.61 1.07 0.00	29.79 0.53 0.34	24.86 0.22 0.15	25.02 0.10 0.00	24.86 0.05 0.00	25.11 0.00 0.00	27.27 0.05 0.14	29.26 0.18 0.25	31.36 0.26 1.16	37.25 0.63 0.49	46.61 1.28 0.55	48.06 1.68 0.29	47.14 1.69 0.07	42.56 1.60 0.00	35.85 1.28 0.00	31.86 1.11 0.00	30.21 0.91 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.41 -0.36 0.00	25.79 -0.08 0.00	23.91 -0.17 0.00	22.66 -0.16 0.00	22.34 -0.11 0.00	27.36 0.19 0.00	33.25 -0.40 0.00	33.74 -0.79 0.00	28.80 -0.80 0.00	24.01 -0.77 0.00	24.25 -0.67 0.00	24.26 -0.55 0.00	24.66 -0.45 0.00	26.87 -0.49 0.00	28.77 -0.56 0.00	30.70 -0.74 0.82	36.15 -0.96 0.00	44.41 -1.47 0.00	45.23 -1.45 0.00	44.25 -1.27 0.00	40.07 -0.90 0.00	33.67 -0.90 0.00	30.32 -0.43 0.00	29.33 0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.07 1.31 0.00	26.98 1.11 0.00	25.19 1.11 0.00	23.80 0.98 0.00	23.44 0.99 0.00	28.34 1.17 0.00	35.21 1.55 0.00	36.26 1.73 0.00	31.52 1.48 -0.45	26.36 1.39 -0.19	26.44 1.52 0.00	26.30 1.49 0.00	26.62 1.51 0.00	29.20 1.64 -0.19	31.65 1.99 -0.33	34.03 2.06 0.30	40.27 2.52 -0.64	49.43 2.84 -0.72	49.87 2.80 -0.39	48.22 2.60 -0.09	43.38 2.42 0.00	36.64 2.07 0.00	32.45 1.69 0.00	30.88 1.58 0.00
PEEKSKILL___ 23653	28.77 1.00 0.00	26.74 0.88 0.00	24.99 0.91 0.00	23.59 0.78 0.00	23.23 0.79 0.00	28.10 0.92 0.00	34.90 1.25 0.00	35.98 1.45 0.00	31.35 1.24 -0.51	26.21 1.21 -0.22	26.34 1.42 0.00	26.25 1.44 0.00	26.54 1.43 0.00	29.14 1.56 -0.22	31.61 1.91 -0.37	34.07 2.03 0.22	40.29 2.45 -0.73	49.25 2.57 -0.81	49.59 2.47 -0.44	47.82 2.19 -0.11	43.10 2.13 0.00	36.40 1.83 0.00	32.26 1.51 0.00	30.35 1.05 0.00
PGE MADISON___WINDPWR 24146	29.71 1.94 0.00	27.73 1.86 0.00	25.72 1.64 0.00	24.34 1.53 0.00	23.93 1.48 0.00	29.10 1.93 0.00	36.28 2.63 0.00	37.06 2.52 0.00	31.37 1.78 0.00	25.80 1.02 0.00	25.82 0.90 0.00	25.65 0.84 0.00	26.04 0.93 0.00	28.49 1.12 0.00	30.53 1.20 0.00	33.38 1.45 0.33	39.15 2.04 0.00	48.95 3.07 0.00	50.27 3.59 0.00	49.40 3.87 0.00	44.61 3.65 0.00	37.37 2.80 0.00	33.21 2.46 0.00	31.47 2.17 0.00

PIERCEFIELD___HYD 23852	73.17 0.31 -45.10	74.39 0.28 -48.24	68.32 0.31 -43.93	67.45 0.30 -44.33	76.88 0.29 -54.14	87.54 0.33 -60.05	92.83 0.47 -58.70	101.25 0.41 -66.30	79.19 0.47 -49.12	33.04 0.35 -7.91	33.07 0.32 -7.82	36.02 0.30 -10.91	41.25 0.25 -15.89	38.20 0.22 -10.62	38.52 0.26 -8.92	39.41 0.06 -7.08	37.19 0.00 -0.08	48.91 -0.05 -3.09	77.82 0.05 -31.09	78.63 0.18 -32.92	107.69 -0.04 -66.76	85.01 0.28 -50.16	79.90 0.34 -48.81	79.04 0.32 -49.42
PINELAWN_CC_1 323563	29.55 1.78 0.00	27.26 1.40 0.00	25.38 1.30 0.00	23.84 1.03 0.00	23.44 0.99 0.00	28.50 1.33 0.00	35.61 1.95 0.00	36.92 2.38 0.00	31.83 1.72 -0.52	26.69 1.69 -0.22	27.08 2.14 -0.01	27.00 2.18 -0.01	27.20 2.08 -0.01	29.87 2.27 -0.23	32.39 2.67 -0.39	36.66 2.90 -1.50	41.28 3.41 -0.75	50.24 3.53 -0.83	50.63 3.50 -0.45	48.69 3.05 -0.11	44.04 3.07 0.00	38.59 2.94 -1.09	33.22 2.46 -0.01	31.05 1.76 0.00
PJM_GEN_HTP_PROXY 323702	28.96 1.19 0.00	26.90 1.04 0.00	25.19 1.11 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.29 1.11 0.00	35.21 1.55 0.00	36.26 1.73 0.00	31.62 1.51 -0.52	26.46 1.46 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.87 1.76 0.00	29.53 1.94 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.86 3.00 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.71 2.14 0.00	32.54 1.78 0.00	30.58 1.29 0.00
PJM_GEN_KEystone 24065	27.96 0.20 0.00	26.10 0.23 0.00	24.32 0.24 0.00	23.02 0.20 0.00	22.70 0.25 0.00	27.55 0.38 0.00	33.96 0.30 0.00	34.74 0.21 0.00	30.02 0.15 -0.28	25.07 0.17 -0.12	25.25 0.32 0.00	25.20 0.40 0.00	25.54 0.43 0.00	27.95 0.46 -0.12	30.12 0.59 -0.20	32.28 0.48 0.46	38.17 0.67 -0.39	46.82 0.51 -0.44	47.34 0.42 -0.24	45.91 0.32 -0.06	41.54 0.57 0.00	34.99 0.42 0.00	31.22 0.46 0.00	29.74 0.44 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.18 1.42 0.00	26.97 1.11 0.00	25.11 1.03 0.00	23.61 0.80 0.00	23.23 0.79 0.00	28.21 1.03 0.00	35.21 1.55 0.00	36.47 1.93 0.00	31.54 1.42 -0.52	26.41 1.41 -0.22	26.70 1.77 -0.01	26.65 1.84 -0.01	26.90 1.78 -0.01	29.51 1.91 -0.23	31.98 2.26 -0.39	35.91 2.42 -1.23	40.72 2.86 -0.75	49.55 2.85 -0.83	49.93 2.80 -0.45	48.00 2.37 -0.11	43.42 2.46 0.00	37.84 2.35 -0.92	32.76 2.00 -0.01	30.70 1.41 0.00
PJM_GEN_VFT_PROXY 323633	28.82 1.05 0.00	26.77 0.90 0.00	25.09 1.01 0.00	23.68 0.87 0.00	23.32 0.87 0.00	28.21 1.03 0.00	35.04 1.38 0.00	36.16 1.62 0.00	31.57 1.45 -0.52	26.41 1.41 -0.22	26.54 1.62 0.00	26.52 1.71 0.00	26.82 1.71 0.00	29.45 1.86 -0.22	31.94 2.23 -0.38	34.46 2.42 0.22	40.75 2.90 -0.74	49.60 2.89 -0.83	49.88 2.75 -0.45	48.00 2.37 -0.11	43.38 2.42 0.00	36.57 2.00 0.00	32.41 1.66 0.00	30.47 1.17 0.00
PLATSBURG_115KV_PMLD1 355749	31.81 0.47 -3.57	30.09 0.41 -3.82	27.99 0.43 -3.48	26.76 0.43 -3.51	27.20 0.47 -4.28	32.49 0.57 -4.75	39.04 0.74 -4.64	40.61 0.83 -5.25	34.46 0.98 -3.89	26.30 0.89 -0.63	26.41 0.87 -0.62	26.52 0.84 -0.86	27.17 0.80 -1.26	29.03 0.82 -0.84	30.97 0.94 -0.71	33.76 0.94 -0.56	38.42 1.30 -0.01	47.17 1.06 -0.24	50.12 0.98 -2.46	49.09 0.96 -2.60	46.69 0.45 -5.27	39.40 0.86 -3.96	35.35 0.74 -3.85	33.90 0.70 -3.90
PLEASANTVLY___LBMP 24000	28.74 0.97 0.00	26.72 0.85 0.00	24.92 0.84 0.00	23.59 0.78 0.00	23.21 0.76 0.00	28.04 0.87 0.00	34.80 1.14 0.00	35.85 1.31 0.00	31.28 1.10 -0.58	26.12 1.09 -0.25	26.14 1.22 0.00	26.02 1.22 0.00	26.37 1.26 0.00	28.95 1.34 -0.25	31.37 1.61 -0.43	33.75 1.68 0.19	39.95 2.00 -0.84	48.96 2.16 -0.94	49.28 2.10 -0.50	47.47 1.82 -0.12	42.81 1.84 0.00	36.13 1.56 0.00	32.08 1.32 0.00	30.50 1.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.93 1.17 0.00	26.90 1.03 0.00	25.11 1.04 0.00	23.73 0.91 0.00	23.37 0.92 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.57 1.45 -0.53	26.39 1.39 -0.22	26.47 1.55 0.00	26.37 1.56 0.00	26.72 1.61 0.00	29.34 1.75 -0.22	31.80 2.08 -0.38	34.20 2.16 0.22	40.42 2.56 -0.75	49.47 2.75 -0.84	49.79 2.66 -0.45	47.96 2.32 -0.11	43.26 2.29 0.00	36.51 1.94 0.00	32.38 1.63 0.00	30.76 1.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.93 1.17 0.00	26.90 1.03 0.00	25.11 1.04 0.00	23.73 0.91 0.00	23.37 0.92 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.57 1.45 -0.53	26.39 1.39 -0.22	26.47 1.55 0.00	26.37 1.56 0.00	26.72 1.61 0.00	29.34 1.75 -0.22	31.80 2.08 -0.38	34.20 2.16 0.22	40.42 2.56 -0.75	49.47 2.75 -0.84	49.79 2.66 -0.45	47.96 2.32 -0.11	43.26 2.29 0.00	36.51 1.94 0.00	32.38 1.63 0.00	30.76 1.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.93 1.17 0.00	26.87 1.01 0.00	25.07 0.99 0.00	23.71 0.89 0.00	23.35 0.90 0.00	28.18 1.01 0.00	35.00 1.35 0.00	36.02 1.48 0.00	30.63 1.21 0.18	25.84 1.14 0.08	26.14 1.22 0.00	26.05 1.24 0.00	26.42 1.31 0.00	28.71 1.42 0.08	30.90 1.70 0.13	33.15 1.77 0.89	38.96 2.12 0.26	48.01 2.43 0.29	48.86 2.33 0.16	47.63 2.33 0.04	43.06 2.14 0.00	36.40 1.83 0.00	32.26 1.51 0.00	30.73 1.44 0.00
POLETTI____ 23519	26.49 1.14 2.41	26.49 0.96 0.33	25.26 1.18 0.00	23.82 1.00 0.00	23.48 1.03 0.00	26.46 0.79 1.50	26.51 0.98 8.12	26.52 1.14 9.15	26.54 1.10 4.15	26.29 1.29 -0.22	26.37 1.45 0.00	26.30 1.49 0.00	26.67 1.56 0.00	29.17 1.59 -0.22	29.15 1.88 2.06	29.12 2.00 5.14	29.08 2.45 10.48	30.85 2.39 17.41	32.17 2.15 16.65	30.29 1.73 16.97	29.12 1.84 13.69	29.12 1.45 6.90	29.14 1.45 3.06	29.40 1.41 1.30
POMONA___ESR 323819	28.77 1.00 0.00	26.72 0.85 0.00	24.97 0.89 0.00	23.59 0.78 0.00	23.23 0.79 0.00	28.10 0.92 0.00	34.90 1.25 0.00	35.95 1.42 0.00	31.32 1.24 -0.49	26.18 1.19 -0.21	26.29 1.37 0.00	26.22 1.41 0.00	26.54 1.43 0.00	29.13 1.56 -0.21	31.59 1.91 -0.36	34.06 2.03 0.23	40.25 2.45 -0.69	49.22 2.57 -0.78	49.57 2.47 -0.42	47.82 2.19 -0.10	43.14 2.17 0.00	36.44 1.87 0.00	32.26 1.51 0.00	30.38 1.08 0.00
PORT_JEFF_3 23555	29.74 1.97 0.00	27.39 1.53 0.00	25.47 1.40 0.00	23.91 1.10 0.00	23.50 1.06 0.00	28.61 1.44 0.00	35.61 1.95 0.00	36.85 2.31 0.00	31.68 1.57 -0.52	26.59 1.59 -0.22	27.15 2.22 -0.01	27.18 2.36 -0.01	27.28 2.16 -0.01	29.84 2.24 -0.23	32.36 2.64 -0.39	36.50 2.90 -1.34	41.35 3.49 -0.75	50.33 3.62 -0.83	50.78 3.64 -0.46	48.78 3.14 -0.11	44.34 3.36 -0.01	38.88 3.32 -0.99	33.47 2.71 -0.01	31.23 1.93 0.00
PORT_JEFF_4 23616	29.74 1.97 0.00	27.39 1.53 0.00	25.47 1.40 0.00	23.91 1.10 0.00	23.50 1.06 0.00	28.61 1.44 0.00	35.61 1.95 0.00	36.85 2.31 0.00	31.68 1.57 -0.52	26.59 1.59 -0.22	27.15 2.22 -0.01	27.18 2.36 -0.01	27.28 2.16 -0.01	29.84 2.24 -0.23	32.36 2.64 -0.39	36.50 2.90 -1.34	41.35 3.49 -0.75	50.33 3.62 -0.83	50.78 3.64 -0.46	48.78 3.14 -0.11	44.34 3.36 -0.01	38.88 3.32 -0.99	33.47 2.71 -0.01	31.23 1.93 0.00

PORT_JEFF_IC 23713	29.82 2.05 0.00	27.49 1.63 0.00	25.55 1.47 0.00	23.98 1.16 0.00	23.57 1.12 0.00	28.69 1.52 0.00	35.75 2.09 0.00	36.99 2.45 0.00	31.86 1.75 -0.52	26.71 1.71 -0.22	27.23 2.29 -0.01	27.20 2.38 -0.01	27.38 2.26 -0.01	29.95 2.35 -0.23	32.42 2.70 -0.39	36.60 3.00 -1.35	41.35 3.49 -0.75	50.47 3.76 -0.83	50.88 3.73 -0.46	48.92 3.28 -0.11	44.38 3.40 -0.01	38.91 3.35 -0.99	33.53 2.77 -0.01	31.55 2.26 0.00
PPL PILGRIM_ST_GT1 24216	29.79 2.03 0.00	27.47 1.60 0.00	25.55 1.47 0.00	24.00 1.19 0.00	23.59 1.14 0.00	28.69 1.52 0.00	35.84 2.19 0.00	37.16 2.62 0.00	31.98 1.87 -0.52	26.81 1.81 -0.22	27.28 2.34 -0.01	27.22 2.41 -0.01	27.41 2.28 -0.01	30.06 2.46 -0.23	32.62 2.90 -0.39	36.82 3.19 -1.36	41.65 3.79 -0.75	50.65 3.95 -0.83	51.09 3.97 -0.45	49.10 3.46 -0.11	44.45 3.48 0.00	38.89 3.32 -1.00	33.50 2.74 -0.01	31.26 1.96 0.00
PPL PILGRIM_ST_GT2 24217	29.79 2.03 0.00	27.47 1.60 0.00	25.55 1.47 0.00	24.00 1.19 0.00	23.59 1.14 0.00	28.69 1.52 0.00	35.84 2.19 0.00	37.16 2.62 0.00	31.98 1.87 -0.52	26.81 1.81 -0.22	27.28 2.34 -0.01	27.22 2.41 -0.01	27.41 2.28 -0.01	30.06 2.46 -0.23	32.62 2.90 -0.39	36.82 3.19 -1.36	41.65 3.79 -0.75	50.65 3.95 -0.83	51.09 3.97 -0.45	49.10 3.46 -0.11	44.45 3.48 0.00	38.89 3.32 -1.00	33.50 2.74 -0.01	31.26 1.96 0.00
PPL_SHRM_GT3 24213	29.52 1.75 0.00	27.18 1.32 0.00	25.26 1.18 0.00	23.71 0.89 0.00	23.28 0.83 0.00	28.34 1.17 0.00	35.37 1.72 0.00	36.68 2.14 0.00	31.54 1.42 -0.52	26.44 1.44 -0.22	26.98 2.04 -0.01	26.95 2.13 -0.01	27.08 1.96 -0.01	29.73 2.14 -0.23	32.24 2.52 -0.39	36.44 2.84 -1.34	41.32 3.45 -0.75	50.33 3.62 -0.83	50.82 3.69 -0.46	48.78 3.14 -0.11	44.17 3.20 -0.01	38.63 3.08 -0.99	33.25 2.49 -0.01	31.00 1.70 0.00
PPL_SHRM_GT4 24214	29.52 1.75 0.00	27.18 1.32 0.00	25.26 1.18 0.00	23.71 0.89 0.00	23.28 0.83 0.00	28.34 1.17 0.00	35.37 1.72 0.00	36.68 2.14 0.00	31.54 1.42 -0.52	26.44 1.44 -0.22	26.98 2.04 -0.01	26.95 2.13 -0.01	27.08 1.96 -0.01	29.73 2.14 -0.23	32.24 2.52 -0.39	36.44 2.84 -1.34	41.32 3.45 -0.75	50.33 3.62 -0.83	50.82 3.69 -0.46	48.78 3.14 -0.11	44.17 3.20 -0.01	38.63 3.08 -0.99	33.25 2.49 -0.01	31.00 1.70 0.00
PROJECT___ORANGE 1 24174	28.98 -0.25 -1.46	27.22 -0.21 -1.56	25.26 -0.24 -1.42	24.03 -0.23 -1.44	23.98 -0.22 -1.75	28.93 -0.19 -1.95	35.29 -0.27 -1.90	36.37 -0.31 -2.15	30.83 -0.36 -1.59	24.66 -0.37 -0.26	24.80 -0.37 -0.25	24.82 -0.35 -0.35	25.30 -0.33 -0.52	27.41 -0.30 -0.34	29.12 -0.50 -0.29	31.71 -0.52 0.03	36.67 -0.45 0.00	45.41 -0.55 -0.09	47.07 -0.51 -0.90	45.98 -0.50 -0.96	42.58 -0.33 -1.94	35.71 -0.31 -1.46	31.99 -0.18 -1.42	30.56 -0.18 -1.43
PROJECT___ORANGE 2 24166	28.98 -0.25 -1.46	27.22 -0.21 -1.56	25.26 -0.24 -1.42	24.03 -0.23 -1.44	23.98 -0.22 -1.75	28.93 -0.19 -1.95	35.29 -0.27 -1.90	36.37 -0.31 -2.15	30.83 -0.36 -1.59	24.66 -0.37 -0.26	24.80 -0.37 -0.25	24.82 -0.35 -0.35	25.30 -0.33 -0.52	27.41 -0.30 -0.34	29.12 -0.50 -0.29	31.71 -0.52 0.03	36.67 -0.45 0.00	45.41 -0.55 -0.09	47.07 -0.51 -0.90	45.98 -0.50 -0.96	42.58 -0.33 -1.94	35.71 -0.31 -1.46	31.99 -0.18 -1.42	30.56 -0.18 -1.43
PUCKETT___SOLAR 323809	28.32 0.56 0.00	26.41 0.54 0.00	24.53 0.46 0.00	23.27 0.46 0.00	22.92 0.47 0.00	27.82 0.65 0.00	34.46 0.81 0.00	35.26 0.73 0.00	30.01 0.41 0.00	24.93 0.15 0.00	25.02 0.10 0.00	24.88 0.07 0.00	25.24 0.13 0.00	27.56 0.19 0.00	29.51 0.18 0.00	32.11 0.19 0.34	37.59 0.48 0.00	46.65 0.78 0.00	47.71 1.03 0.00	46.62 1.09 0.00	42.11 1.15 0.00	35.43 0.86 0.00	31.55 0.80 0.00	30.09 0.79 0.00
PYRITES___HYD 24023	76.16 0.61 -47.78	77.54 0.57 -51.11	71.17 0.55 -46.54	70.31 0.52 -46.97	80.32 0.52 -57.36	91.39 0.60 -63.62	96.69 0.84 -62.19	105.57 0.79 -70.25	82.35 0.71 -52.05	33.63 0.47 -8.38	33.61 0.40 -8.28	36.74 0.37 -11.56	42.28 0.33 -16.84	38.95 0.33 -11.25	39.16 0.38 -9.45	40.05 0.29 -7.50	37.57 0.37 -0.09	49.69 0.55 -3.27	80.37 0.75 -32.94	81.32 0.91 -34.88	112.28 0.57 -70.74	88.41 0.69 -53.15	83.12 0.65 -51.72	82.27 0.62 -52.36
QUAKERRD_115KV_BK1 80622	27.27 -0.50 0.00	25.50 -0.36 0.00	23.64 -0.43 0.00	22.43 -0.39 0.00	22.02 -0.43 0.00	26.87 -0.30 0.00	33.02 -0.64 0.00	33.71 -0.83 0.00	28.83 -0.77 0.00	23.99 -0.79 0.00	24.13 -0.80 0.00	24.09 -0.72 0.00	24.48 -0.63 0.00	26.68 -0.68 0.00	28.51 -0.82 0.00	30.57 -0.90 0.79	36.15 -0.96 0.00	44.63 -1.24 0.00	45.51 -1.17 0.00	44.48 -1.05 0.00	40.27 -0.70 0.00	33.84 -0.73 0.00	30.23 -0.52 0.00	28.83 -0.47 0.00
QUENSBRY_115KV_TB8 356137	29.96 2.19 0.00	27.93 2.07 0.00	26.03 1.95 0.00	24.71 1.89 0.00	24.29 1.84 0.00	29.46 2.28 0.00	36.18 2.52 0.00	37.23 2.69 0.00	30.78 1.72 0.54	25.57 1.02 0.23	25.67 0.75 0.00	25.43 0.62 0.00	25.61 0.50 0.00	27.74 0.60 0.23	29.76 0.82 0.39	32.05 1.13 1.34	38.13 1.78 0.76	48.41 3.39 0.86	50.19 3.97 0.46	49.42 4.01 0.11	44.57 3.61 0.00	37.40 2.83 0.00	33.21 2.46 0.00	31.64 2.34 0.00
RAMAPO___LBMP 323565	28.71 0.94 0.00	26.72 0.85 0.00	24.92 0.84 0.00	23.57 0.75 0.00	23.21 0.76 0.00	28.07 0.90 0.00	34.87 1.21 0.00	35.92 1.38 0.00	31.29 1.21 -0.48	26.15 1.16 -0.20	26.24 1.32 0.00	26.15 1.34 0.00	26.49 1.38 0.00	29.07 1.51 -0.20	31.47 1.79 -0.35	33.90 1.87 0.23	40.02 2.23 -0.68	49.02 2.39 -0.76	49.38 2.29 -0.41	47.63 2.00 -0.10	42.97 2.01 0.00	36.26 1.69 0.00	32.17 1.41 0.00	30.56 1.26 0.00
RANKINE____ 23646	27.74 -0.03 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.61 0.16 0.00	27.69 0.52 0.00	33.56 -0.10 0.00	33.98 -0.55 0.00	29.03 -0.56 0.00	24.21 -0.57 0.00	24.43 -0.50 0.00	24.46 -0.35 0.00	24.86 -0.25 0.00	27.06 -0.30 0.00	28.98 -0.35 0.00	31.05 -0.52 0.70	36.41 -0.71 0.00	44.63 -1.24 0.00	45.51 -1.17 0.00	44.53 -1.00 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.65 0.35 0.00
RAVENSWOOD_GT2_1 24244	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT2_2 24245	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00



RAVENSWOOD_GT2_3 24246	29.07 1.31 0.00	27.00 1.14 0.00	25.26 1.18 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.74 1.63 -0.52	26.59 1.59 -0.22	26.67 1.74 0.00	26.60 1.79 0.00	26.94 1.83 0.00	29.58 2.00 -0.22	32.06 2.35 -0.38	34.52 2.48 0.22	40.82 2.97 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.60 1.85 0.00	30.94 1.64 0.00
RAVENSWOOD_GT2_4 24247	29.07 1.31 0.00	27.00 1.14 0.00	25.26 1.18 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.74 1.63 -0.52	26.59 1.59 -0.22	26.67 1.74 0.00	26.60 1.79 0.00	26.94 1.83 0.00	29.58 2.00 -0.22	32.06 2.35 -0.38	34.52 2.48 0.22	40.82 2.97 -0.74	49.83 3.12 -0.83	50.12 2.99 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.60 1.85 0.00	30.94 1.64 0.00
RAVENSWOOD_GT3_1 24248	29.07 1.31 0.00	27.00 1.14 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT3_2 24249	29.07 1.31 0.00	27.00 1.14 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.19 2.55 -0.11	43.51 2.54 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT3_3 24250	29.10 1.33 0.00	27.03 1.16 0.00	25.26 1.18 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.40 1.22 0.00	35.31 1.65 0.00	36.40 1.86 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.69 1.77 0.00	26.62 1.81 0.00	26.97 1.86 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.59 2.55 0.22	40.86 3.01 -0.74	49.87 3.17 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.59 2.62 0.00	36.75 2.18 0.00	32.63 1.88 0.00	30.94 1.64 0.00
RAVENSWOOD_GT3_4 24251	29.10 1.33 0.00	27.03 1.16 0.00	25.26 1.18 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.40 1.22 0.00	35.31 1.65 0.00	36.40 1.86 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.69 1.77 0.00	26.62 1.81 0.00	26.97 1.86 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.59 2.55 0.22	40.86 3.01 -0.74	49.87 3.17 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.59 2.62 0.00	36.75 2.18 0.00	32.63 1.88 0.00	30.94 1.64 0.00
RAVENSWOOD_GT_1 23729	29.16 1.39 0.00	27.05 1.19 0.00	25.31 1.23 0.00	23.89 1.07 0.00	23.55 1.10 0.00	28.37 1.20 0.00	35.21 1.55 0.00	36.30 1.76 0.00	31.69 1.57 -0.52	26.59 1.59 -0.22	26.64 1.72 0.00	26.60 1.79 0.00	26.94 1.83 0.00	29.58 2.00 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.90 3.04 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.60 1.85 0.00	31.00 1.70 0.00
RAVENSWOOD_GT_10 24258	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT_11 24259	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT_4 24252	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.46 1.01 0.00	28.37 1.20 0.00	35.31 1.65 0.00	36.36 1.83 0.00	31.74 1.63 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT_5 24254	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.46 1.01 0.00	28.37 1.20 0.00	35.31 1.65 0.00	36.36 1.83 0.00	31.74 1.63 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT_6 24253	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.46 1.01 0.00	28.37 1.20 0.00	35.31 1.65 0.00	36.36 1.83 0.00	31.74 1.63 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT_7 24255	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.82 1.00 0.00	23.46 1.01 0.00	28.37 1.20 0.00	35.31 1.65 0.00	36.36 1.83 0.00	31.74 1.63 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00
RAVENSWOOD_GT_9 24257	29.05 1.28 0.00	26.98 1.11 0.00	25.23 1.16 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.37 1.20 0.00	35.27 1.62 0.00	36.36 1.83 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.56 1.97 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.79 2.93 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.57 1.81 0.00	30.91 1.61 0.00

RAVENSWOOD___1 23533	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.23 1.69 0.00	31.60 1.48 -0.52	26.51 1.51 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.97 3.12 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.57 1.81 0.00	30.67 1.38 0.00
RAVENSWOOD___2 23534	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.23 1.69 0.00	31.60 1.48 -0.52	26.51 1.51 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.97 3.12 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.57 1.81 0.00	30.67 1.38 0.00
RAVENSWOOD___3 23535	28.99 1.22 0.00	26.92 1.06 0.00	25.21 1.13 0.00	23.77 0.96 0.00	23.41 0.96 0.00	28.29 1.11 0.00	35.17 1.52 0.00	36.29 1.76 0.00	31.63 1.51 -0.52	26.49 1.49 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.87 1.76 0.00	29.53 1.94 -0.22	32.03 2.32 -0.38	34.52 2.48 0.22	40.86 3.00 -0.74	49.78 3.07 -0.83	50.07 2.94 -0.45	48.23 2.59 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.54 1.78 0.00	30.62 1.32 0.00
RAVENSWOOD___4 23820	29.07 1.31 0.00	27.00 1.14 0.00	25.28 1.20 0.00	23.84 1.03 0.00	23.48 1.03 0.00	28.29 1.11 0.00	35.14 1.48 0.00	36.23 1.69 0.00	31.60 1.48 -0.52	26.51 1.51 -0.22	26.62 1.70 0.00	26.57 1.76 0.00	26.89 1.78 0.00	29.56 1.97 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.97 3.12 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.57 1.81 0.00	30.67 1.38 0.00
RCPL_TRUST___DRP 24196	29.07 1.31 0.00	27.00 1.14 0.00	25.26 1.18 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.42 1.25 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.69 1.77 0.00	26.65 1.84 0.00	26.99 1.88 0.00	29.64 2.05 -0.22	32.12 2.41 -0.38	34.59 2.55 0.22	40.86 3.01 -0.74	49.87 3.17 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.59 2.62 0.00	36.78 2.21 0.00	32.63 1.88 0.00	30.94 1.64 0.00
RED___ROCHESTER 323720	28.27 0.50 0.00	26.41 0.54 0.00	24.46 0.38 0.00	23.23 0.41 0.00	22.81 0.36 0.00	27.82 0.65 0.00	34.16 0.51 0.00	34.84 0.31 0.00	29.77 0.18 0.00	24.76 -0.02 0.00	24.92 0.00 0.00	24.91 0.10 0.00	25.34 0.23 0.00	27.64 0.27 0.00	29.48 0.15 0.00	31.30 -0.13 0.83	37.11 0.00 0.00	45.92 0.05 0.00	46.77 0.09 0.00	45.76 0.23 0.00	41.46 0.49 0.00	34.81 0.24 0.00	31.12 0.37 0.00	29.85 0.56 0.00
REGAN___SOLAR 323812	29.38 1.61 0.00	27.36 1.50 0.00	25.52 1.44 0.00	24.19 1.37 0.00	23.82 1.37 0.00	28.91 1.74 0.00	35.75 2.09 0.00	36.47 1.93 0.00	30.02 0.74 0.31	24.62 -0.02 0.13	24.52 -0.40 0.00	24.21 -0.60 0.00	24.41 -0.70 0.00	26.58 -0.66 0.13	28.66 -0.44 0.23	31.03 -0.13 1.10	37.22 0.56 0.44	47.44 2.07 0.50	49.63 3.22 0.27	48.79 3.32 0.07	43.96 2.99 0.00	36.95 2.38 0.00	32.85 2.09 0.00	31.05 1.76 0.00
RENSSELAER___COGEN 23796	28.13 0.36 0.00	26.20 0.34 0.00	24.39 0.31 0.00	23.11 0.30 0.00	22.74 0.29 0.00	27.44 0.27 0.00	33.93 0.27 0.00	34.88 0.35 0.00	29.41 0.21 0.39	24.79 0.17 0.17	25.10 0.18 0.00	24.96 0.15 0.00	25.21 0.10 0.00	27.33 0.14 0.17	29.31 0.26 0.29	31.32 0.26 1.20	36.88 0.33 0.56	45.75 0.51 0.63	46.85 0.51 0.34	45.90 0.46 0.08	41.46 0.49 0.00	35.02 0.45 0.00	31.12 0.37 0.00	29.53 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.99 3.22 0.00	28.92 3.05 0.00	26.99 2.91 0.00	25.62 2.81 0.00	25.19 2.74 0.00	30.62 3.45 0.00	37.50 3.84 0.00	38.61 4.08 0.00	31.63 2.57 0.54	26.06 1.51 0.23	26.07 1.15 0.00	25.80 0.99 0.00	25.92 0.80 0.00	28.09 0.96 0.23	30.20 1.26 0.39	32.69 1.77 1.35	39.05 2.71 0.77	50.15 5.14 0.86	52.33 6.12 0.46	51.56 6.15 0.11	46.42 5.45 0.00	38.82 4.25 0.00	34.51 3.75 0.00	32.78 3.49 0.00
REVERE_CPPR_DRP 24186	32.87 1.03 -4.07	31.20 0.98 -4.36	28.94 0.89 -3.97	27.64 0.82 -4.00	28.15 0.81 -4.89	33.60 1.01 -5.42	40.37 1.41 -5.30	41.87 1.35 -5.99	35.01 0.98 -4.44	26.06 0.57 -0.71	26.15 0.52 -0.71	26.29 0.50 -0.99	27.10 0.55 -1.44	28.98 0.66 -0.96	30.81 0.67 -0.81	33.74 0.84 -0.65	38.16 1.04 -0.01	47.66 1.51 -0.27	51.26 1.82 -2.76	50.41 1.96 -2.93	48.71 1.80 -5.94	40.45 1.42 -4.46	36.29 1.20 -4.34	34.72 1.03 -4.39
REYNLDPA_13_KV_LD 356490	21.09 0.03 6.71	18.69 0.00 7.18	17.57 0.02 6.54	16.27 0.05 6.60	14.44 0.04 8.05	18.27 0.03 8.93	24.96 0.03 8.73	24.67 0.00 9.86	22.44 0.15 7.31	23.78 0.17 1.18	23.81 0.05 1.16	23.24 0.05 1.62	22.77 0.03 2.36	25.73 -0.05 1.58	28.06 0.06 1.33	31.17 -0.03 1.05	37.06 -0.04 0.01	45.55 0.14 0.46	42.14 0.09 4.63	40.76 0.14 4.91	30.89 -0.12 9.95	27.06 -0.03 7.48	23.48 0.00 7.27	21.93 0.00 7.36
REYNOLDS_115KV_TB3 80639	28.41 0.64 0.00	26.43 0.57 0.00	24.61 0.53 0.00	23.34 0.52 0.00	22.94 0.49 0.00	27.69 0.52 0.00	34.26 0.61 0.00	35.19 0.66 0.00	29.56 0.44 0.48	24.97 0.40 0.20	25.27 0.35 0.00	25.13 0.32 0.00	25.44 0.33 0.00	27.52 0.36 0.20	29.45 0.47 0.35	31.44 0.45 1.27	37.02 0.59 0.68	45.98 0.87 0.76	47.16 0.89 0.41	46.20 0.77 0.10	41.79 0.82 0.00	35.30 0.73 0.00	31.31 0.55 0.00	29.88 0.59 0.00
RIVERBAY____ 323610	29.50 1.72 -0.01	27.42 1.55 -0.01	25.64 1.57 0.00	24.19 1.37 0.00	23.82 1.37 0.00	28.59 1.41 0.00	35.37 1.72 0.00	36.40 1.86 0.00	31.77 1.66 -0.52	26.66 1.66 -0.22	26.69 1.77 0.00	26.62 1.81 0.00	26.99 1.88 0.00	29.64 2.05 -0.22	32.12 2.41 -0.38	34.62 2.58 0.22	40.97 3.12 -0.74	49.92 3.21 -0.83	50.12 2.99 -0.45	48.23 2.60 -0.11	43.59 2.62 0.00	36.68 2.11 0.00	32.81 2.06 0.00	31.32 2.02 0.00
RIVERSDE_115KV_TB3 55908	28.32 0.56 0.00	26.35 0.49 0.00	24.54 0.46 0.00	23.27 0.46 0.00	22.88 0.43 0.00	27.61 0.43 0.00	34.16 0.50 0.00	35.09 0.55 0.00	29.51 0.36 0.44	24.89 0.30 0.19	25.20 0.27 0.00	25.06 0.25 0.00	25.34 0.23 0.00	27.42 0.25 0.19	29.39 0.38 0.32	31.34 0.32 1.24	36.93 0.45 0.63	45.91 0.73 0.70	47.05 0.75 0.38	46.07 0.64 0.09	41.66 0.70 0.00	35.19 0.62 0.00	31.22 0.46 0.00	29.80 0.50 0.00
ROARING___BROOK_WT_PWR 323790	27.74 -0.03 0.00	25.86 0.00 0.00	24.10 0.02 0.00	22.84 0.02 0.00	22.49 0.04 0.00	27.20 0.03 0.00	33.69 0.03 0.00	34.57 0.03 0.00	29.63 0.03 0.00	24.81 0.02 0.00	24.95 0.02 0.00	24.83 0.02 0.00	25.14 0.03 0.00	27.36 0.00 0.00	29.36 0.03 0.00	32.29 0.03 0.00	37.11 0.00 0.00	45.87 0.00 0.00	46.68 0.00 0.00	45.53 0.00 0.00	40.97 0.00 0.00	34.60 0.03 0.00	30.75 0.00 0.00	29.30 0.00 0.00

ROCHESRG_115KV_T4 355643	27.80 0.03 0.00	26.02 0.16 0.00	24.13 0.05 0.00	22.86 0.05 0.00	22.47 0.02 0.00	27.42 0.24 0.00	33.59 -0.07 0.00	34.29 -0.24 0.00	29.33 -0.27 0.00	24.38 -0.40 0.00	24.55 -0.37 0.00	24.51 -0.30 0.00	24.91 -0.20 0.00	27.15 -0.22 0.00	29.01 -0.32 0.00	31.05 -0.35 0.85	36.74 -0.37 0.00	45.32 -0.55 0.00	46.21 -0.47 0.00	45.21 -0.32 0.00	40.93 -0.04 0.00	34.40 -0.17 0.00	30.78 0.03 0.00	29.41 0.12 0.00
ROCHESTER_9_IC 23652	27.88 0.11 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.93 0.11 0.00	22.54 0.09 0.00	27.50 0.33 0.00	33.69 0.03 0.00	34.40 -0.14 0.00	29.42 -0.18 0.00	24.46 -0.32 0.00	24.60 -0.32 0.00	24.59 -0.22 0.00	24.99 -0.13 0.00	27.23 -0.14 0.00	29.10 -0.23 0.00	31.27 -0.16 0.83	36.92 -0.19 0.00	45.64 -0.23 0.00	46.49 -0.19 0.00	45.48 -0.05 0.00	41.21 0.25 0.00	34.60 0.03 0.00	30.97 0.22 0.00	29.56 0.26 0.00
ROCKVIEW_13_KV_LD 356306	29.02 1.25 0.00	26.95 1.09 0.00	25.19 1.11 0.00	23.80 0.98 0.00	23.44 0.99 0.00	28.31 1.14 0.00	35.24 1.58 0.00	36.33 1.80 0.00	31.71 1.60 -0.52	26.56 1.56 -0.22	26.64 1.72 0.00	26.57 1.76 0.00	26.92 1.81 0.00	29.53 1.94 -0.22	32.00 2.29 -0.38	34.46 2.42 0.22	40.71 2.86 -0.74	49.78 3.07 -0.83	50.12 2.99 -0.45	48.23 2.60 -0.11	43.55 2.58 0.00	36.71 2.14 0.00	32.54 1.78 0.00	30.88 1.58 0.00
ROME____115KV_TB2 80656	32.87 1.03 -4.07	31.20 0.98 -4.36	28.94 0.89 -3.97	27.64 0.82 -4.00	28.15 0.81 -4.89	33.60 1.01 -5.42	40.37 1.41 -5.30	41.87 1.35 -5.99	35.01 0.98 -4.44	26.06 0.57 -0.71	26.15 0.52 -0.71	26.29 0.50 -0.99	27.10 0.55 -1.44	28.98 0.66 -0.96	30.81 0.67 -0.81	33.74 0.84 -0.65	38.16 1.04 -0.01	47.66 1.51 -0.27	51.26 1.82 -2.76	50.41 1.96 -2.93	48.71 1.80 -5.94	40.45 1.42 -4.46	36.29 1.20 -4.34	34.72 1.03 -4.39
ROSETON____1 23587	28.66 0.89 0.00	26.64 0.78 0.00	24.87 0.79 0.00	23.50 0.68 0.00	23.15 0.70 0.00	27.96 0.79 0.00	34.70 1.04 0.00	35.74 1.21 0.00	31.11 1.04 -0.48	25.98 0.99 -0.21	26.10 1.17 0.00	26.00 1.19 0.00	26.29 1.18 0.00	28.88 1.31 -0.21	31.29 1.61 -0.35	33.68 1.68 0.26	39.84 2.04 -0.69	48.80 2.16 -0.77	49.15 2.05 -0.41	47.45 1.82 -0.10	42.77 1.80 0.00	36.13 1.56 0.00	32.05 1.29 0.00	30.21 0.91 0.00
ROSETON____2 23588	28.66 0.89 0.00	26.64 0.78 0.00	24.87 0.79 0.00	23.50 0.68 0.00	23.15 0.70 0.00	27.96 0.79 0.00	34.70 1.04 0.00	35.74 1.21 0.00	31.11 1.04 -0.48	25.98 0.99 -0.21	26.10 1.17 0.00	26.00 1.19 0.00	26.29 1.18 0.00	28.88 1.31 -0.21	31.29 1.61 -0.35	33.68 1.68 0.26	39.84 2.04 -0.69	48.80 2.16 -0.77	49.15 2.05 -0.41	47.45 1.82 -0.10	42.77 1.80 0.00	36.13 1.56 0.00	32.05 1.29 0.00	30.21 0.91 0.00
ROTRTDAM_115KV_TB3 80664	28.49 0.72 0.00	26.54 0.67 0.00	24.70 0.63 0.00	23.43 0.62 0.00	23.03 0.58 0.00	27.88 0.71 0.00	34.50 0.84 0.00	35.43 0.90 0.00	29.84 0.59 0.35	25.05 0.42 0.15	25.30 0.37 0.00	25.16 0.35 0.00	25.46 0.35 0.00	27.60 0.38 0.15	29.57 0.50 0.26	31.60 0.52 1.18	37.39 0.78 0.50	46.46 1.15 0.56	47.64 1.26 0.30	46.64 1.18 0.07	42.15 1.19 0.00	35.54 0.97 0.00	31.58 0.83 0.00	30.09 0.79 0.00
RUSSELL____1 23602	28.21 0.44 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.76 0.31 0.00	27.83 0.65 0.00	34.10 0.44 0.00	34.81 0.28 0.00	29.77 0.18 0.00	24.71 -0.07 0.00	24.87 -0.05 0.00	24.86 0.05 0.00	25.29 0.18 0.00	27.58 0.22 0.00	29.45 0.12 0.00	31.43 0.00 0.83	37.15 0.04 0.00	45.87 0.00 0.00	46.77 0.09 0.00	45.76 0.23 0.00	41.46 0.49 0.00	34.81 0.24 0.00	31.12 0.37 0.00	29.68 0.38 0.00
RUSSELL____2 23532	28.21 0.44 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.76 0.31 0.00	27.83 0.65 0.00	34.10 0.44 0.00	34.81 0.28 0.00	29.77 0.18 0.00	24.71 -0.07 0.00	24.87 -0.05 0.00	24.86 0.05 0.00	25.29 0.18 0.00	27.58 0.22 0.00	29.45 0.12 0.00	31.43 0.00 0.83	37.15 0.04 0.00	45.87 0.00 0.00	46.77 0.09 0.00	45.76 0.23 0.00	41.46 0.49 0.00	34.81 0.24 0.00	31.12 0.37 0.00	29.68 0.38 0.00
RUSSELL____3 23549	28.21 0.44 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.76 0.31 0.00	27.83 0.65 0.00	34.10 0.44 0.00	34.81 0.28 0.00	29.77 0.18 0.00	24.71 -0.07 0.00	24.87 -0.05 0.00	24.86 0.05 0.00	25.29 0.18 0.00	27.58 0.22 0.00	29.45 0.12 0.00	31.43 0.00 0.83	37.15 0.04 0.00	45.87 0.00 0.00	46.77 0.09 0.00	45.76 0.23 0.00	41.46 0.49 0.00	34.81 0.24 0.00	31.12 0.37 0.00	29.68 0.38 0.00
RUSSELL____4 23556	28.21 0.44 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.76 0.31 0.00	27.83 0.65 0.00	34.10 0.44 0.00	34.81 0.28 0.00	29.77 0.18 0.00	24.71 -0.07 0.00	24.87 -0.05 0.00	24.86 0.05 0.00	25.29 0.18 0.00	27.58 0.22 0.00	29.45 0.12 0.00	31.43 0.00 0.83	37.15 0.04 0.00	45.87 0.00 0.00	46.77 0.09 0.00	45.76 0.23 0.00	41.46 0.49 0.00	34.81 0.24 0.00	31.12 0.37 0.00	29.68 0.38 0.00
RUSSELL____STATION 23914	28.21 0.44 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.76 0.31 0.00	27.83 0.65 0.00	34.10 0.44 0.00	34.81 0.28 0.00	29.77 0.18 0.00	24.71 -0.07 0.00	24.87 -0.05 0.00	24.86 0.05 0.00	25.29 0.18 0.00	27.58 0.22 0.00	29.45 0.12 0.00	31.43 0.00 0.83	37.15 0.04 0.00	45.87 0.00 0.00	46.77 0.09 0.00	45.76 0.23 0.00	41.46 0.49 0.00	34.81 0.24 0.00	31.12 0.37 0.00	29.68 0.38 0.00
S SALMON____HYD 24043	32.44 0.08 -4.58	30.84 0.08 -4.90	28.57 0.02 -4.47	27.37 0.05 -4.51	27.97 0.02 -5.50	33.39 0.11 -6.10	39.86 0.24 -5.97	41.41 0.14 -6.74	34.56 -0.03 -4.99	25.41 -0.17 -0.80	25.47 -0.25 -0.79	25.67 -0.25 -1.11	26.53 -0.20 -1.62	28.25 -0.19 -1.08	29.85 -0.38 -0.91	33.06 -0.42 -1.22	36.82 -0.30 -0.01	45.95 -0.23 -0.30	49.70 -0.05 -3.07	48.87 0.09 -3.25	47.72 0.16 -6.58	39.62 0.10 -4.95	35.72 0.15 -4.81	34.40 0.23 -4.87
S.PERRY__115KV_TB1 80734	28.88 1.11 0.00	27.05 1.19 0.00	25.07 0.99 0.00	23.75 0.94 0.00	23.35 0.90 0.00	28.59 1.41 0.00	35.11 1.45 0.00	35.78 1.24 0.00	30.31 0.71 0.00	24.93 0.15 0.00	25.00 0.07 0.00	24.93 0.12 0.00	25.36 0.25 0.00	27.69 0.33 0.00	29.62 0.29 0.00	32.09 0.45 0.62	37.82 0.71 0.00	47.02 1.15 0.00	48.27 1.59 0.00	47.35 1.82 0.00	42.93 1.97 0.00	35.92 1.35 0.00	32.17 1.41 0.00	30.67 1.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.66 -0.11 0.00	26.02 0.16 0.00	24.13 0.05 0.00	22.86 0.05 0.00	22.52 0.07 0.00	27.61 0.43 0.00	33.36 -0.30 0.00	33.74 -0.79 0.00	28.86 -0.74 0.00	24.06 -0.72 0.00	24.28 -0.65 0.00	24.29 -0.52 0.00	24.71 -0.40 0.00	26.90 -0.47 0.00	28.77 -0.56 0.00	30.80 -0.74 0.72	36.15 -0.96 0.00	44.27 -1.61 0.00	45.14 -1.54 0.00	44.16 -1.37 0.00	40.11 -0.86 0.00	33.74 -0.83 0.00	30.42 -0.34 0.00	29.50 0.21 0.00

SAWYER___23_KV_LOAD 55526	27.66 -0.11 0.00	26.02 0.16 0.00	24.13 0.05 0.00	22.86 0.05 0.00	22.52 0.07 0.00	27.61 0.43 0.00	33.36 -0.30 0.00	33.74 -0.79 0.00	28.86 -0.74 0.00	24.06 -0.72 0.00	24.28 -0.65 0.00	24.29 -0.52 0.00	24.71 -0.40 0.00	26.90 -0.47 0.00	28.77 -0.56 0.00	30.80 -0.74 0.72	36.15 -0.96 0.00	44.27 -1.61 0.00	45.14 -1.54 0.00	44.16 -1.37 0.00	40.11 -0.86 0.00	33.74 -0.83 0.00	30.42 -0.34 0.00	29.50 0.21 0.00
SELKIRK___I 23801	28.35 0.58 0.00	26.43 0.57 0.00	24.63 0.55 0.00	23.32 0.50 0.00	22.94 0.49 0.00	27.72 0.54 0.00	34.23 0.57 0.00	35.12 0.59 0.00	29.68 0.33 0.24	24.87 0.20 0.10	25.10 0.18 0.00	24.96 0.15 0.00	25.21 0.10 0.00	27.43 0.17 0.10	29.45 0.29 0.18	31.50 0.29 1.05	37.21 0.45 0.34	46.27 0.78 0.38	47.41 0.93 0.21	46.34 0.86 0.05	41.83 0.86 0.00	35.33 0.76 0.00	31.40 0.65 0.00	29.83 0.53 0.00
SELKIRK___II 23799	28.21 0.44 0.00	26.28 0.41 0.00	24.46 0.38 0.00	23.18 0.36 0.00	22.81 0.36 0.00	27.55 0.38 0.00	34.06 0.41 0.00	35.02 0.48 0.00	29.64 0.33 0.28	24.93 0.27 0.12	25.22 0.30 0.00	25.08 0.27 0.00	25.36 0.25 0.00	27.55 0.30 0.12	29.56 0.44 0.21	31.59 0.42 1.09	37.26 0.56 0.41	46.15 0.73 0.45	47.18 0.74 0.24	46.11 0.64 0.06	41.66 0.70 0.00	35.16 0.59 0.00	31.24 0.49 0.00	29.68 0.38 0.00
SENECA OSWGO___HYD 24041	29.08 -0.33 -1.64	27.31 -0.31 -1.76	25.34 -0.34 -1.60	24.13 -0.30 -1.62	24.13 -0.29 -1.97	29.06 -0.30 -2.19	35.43 -0.37 -2.14	36.54 -0.41 -2.42	30.94 -0.44 -1.79	24.62 -0.45 -0.29	24.73 -0.47 -0.28	24.76 -0.45 -0.40	25.26 -0.43 -0.58	27.34 -0.41 -0.39	28.98 -0.67 -0.33	32.81 -0.77 -1.33	36.48 -0.63 0.00	45.24 -0.74 -0.10	47.01 -0.70 -1.03	45.94 -0.68 -1.09	42.68 -0.49 -2.21	35.74 -0.48 -1.66	32.00 -0.37 -1.61	30.73 -0.20 -1.63
SENECA___115KV_TB3 355854	27.80 0.03 0.00	26.12 0.26 0.00	24.22 0.14 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.72 0.54 0.00	33.59 -0.07 0.00	34.05 -0.48 0.00	29.09 -0.50 0.00	24.24 -0.55 0.00	24.47 -0.45 0.00	24.49 -0.32 0.00	24.89 -0.23 0.00	27.12 -0.25 0.00	29.01 -0.32 0.00	31.11 -0.45 0.70	36.44 -0.67 0.00	44.73 -1.15 0.00	45.56 -1.12 0.00	44.62 -0.91 0.00	40.43 -0.53 0.00	33.98 -0.59 0.00	30.63 -0.12 0.00	29.68 0.38 0.00
SENECA___ENERGY 23797	28.82 0.06 -1.00	27.01 0.08 -1.07	25.05 0.00 -0.97	23.82 0.02 -0.98	23.69 0.04 -1.20	28.70 0.19 -1.33	35.20 0.24 -1.30	36.11 0.10 -1.47	30.63 -0.06 -1.09	24.76 -0.20 -0.18	24.87 -0.22 -0.17	24.88 -0.17 -0.24	25.34 -0.12 -0.35	27.55 -0.05 -0.24	29.29 -0.24 -0.20	32.11 -0.32 -0.17	37.00 -0.11 0.00	45.84 -0.09 -0.06	47.26 0.00 -0.58	46.19 0.05 -0.62	42.43 0.21 -1.25	35.58 0.07 -0.94	31.82 0.15 -0.91	30.51 0.29 -0.92
SHOEMAKER___GT 23640	28.52 0.75 0.00	26.51 0.65 0.00	24.75 0.67 0.00	23.39 0.57 0.00	23.03 0.58 0.00	27.85 0.68 0.00	34.57 0.91 0.00	35.54 1.00 0.00	30.85 0.83 -0.43	25.73 0.77 -0.18	25.85 0.92 0.00	25.73 0.92 0.00	26.07 0.95 0.00	28.59 1.04 -0.18	30.93 1.29 -0.31	33.40 1.39 0.25	39.40 1.67 -0.61	48.40 1.84 -0.69	48.82 1.77 -0.37	47.21 1.59 -0.09	42.56 1.60 0.00	35.95 1.38 0.00	31.89 1.14 0.00	30.12 0.82 0.00
SHOEMAKR_138KV_BK 111 55601	28.57 0.81 0.00	26.56 0.70 0.00	24.78 0.70 0.00	23.43 0.62 0.00	23.08 0.63 0.00	27.91 0.73 0.00	34.63 0.98 0.00	35.60 1.07 0.00	30.94 0.92 -0.42	25.83 0.87 -0.18	25.90 0.97 0.00	25.78 0.97 0.00	26.14 1.03 0.00	28.67 1.12 -0.18	30.99 1.35 -0.31	33.43 1.42 0.25	39.39 1.67 -0.61	48.39 1.83 -0.68	48.82 1.77 -0.36	47.21 1.59 -0.09	42.56 1.60 0.00	35.95 1.38 0.00	31.92 1.17 0.00	30.35 1.05 0.00
SHOREHAM_IC_1 23715	29.52 1.75 0.00	27.18 1.32 0.00	25.26 1.18 0.00	23.71 0.89 0.00	23.28 0.83 0.00	28.34 1.17 0.00	35.37 1.72 0.00	36.68 2.14 0.00	31.54 1.42 -0.52	26.44 1.44 -0.22	26.98 2.04 -0.01	26.95 2.13 -0.01	27.08 1.96 -0.01	29.73 2.14 -0.23	32.24 2.52 -0.39	36.44 2.84 -1.34	41.32 3.45 -0.75	50.33 3.62 -0.83	50.82 3.69 -0.46	48.78 3.14 -0.11	44.17 3.20 -0.01	38.63 3.08 -0.99	33.25 2.49 -0.01	31.00 1.70 0.00
SHOREHAM_IC_2 23716	29.60 1.83 0.00	27.26 1.40 0.00	25.33 1.25 0.00	23.75 0.94 0.00	23.32 0.88 0.00	28.42 1.25 0.00	35.48 1.82 0.00	36.78 2.24 0.00	31.66 1.54 -0.52	26.51 1.51 -0.22	27.00 2.07 -0.01	26.95 2.13 -0.01	27.15 2.03 -0.01	29.76 2.16 -0.23	32.24 2.52 -0.39	36.44 2.84 -1.34	41.24 3.38 -0.75	50.33 3.62 -0.83	50.78 3.64 -0.46	48.78 3.14 -0.11	44.17 3.20 -0.01	38.63 3.08 -0.99	33.28 2.52 -0.01	31.29 1.99 0.00
SISSONVILLE____ 23735	73.17 0.31 -45.10	74.39 0.28 -48.24	68.32 0.31 -43.93	67.45 0.30 -44.33	76.88 0.29 -54.14	87.54 0.33 -60.05	92.83 0.47 -58.70	101.25 0.41 -66.30	79.19 0.47 -49.12	33.04 0.35 -7.91	33.07 0.32 -7.82	36.02 0.30 -10.91	41.25 0.25 -15.89	38.20 0.22 -10.62	38.52 0.26 -8.92	39.41 0.06 -7.08	37.19 0.00 -0.08	48.91 -0.05 -3.09	77.82 0.05 -31.09	78.63 0.18 -32.92	107.69 -0.04 -66.76	85.01 0.28 -50.16	79.90 0.34 -48.81	79.04 0.32 -49.42
SITHE_IND_GS1 24169	27.13 -0.64 0.00	25.27 -0.59 0.00	23.50 -0.58 0.00	22.27 -0.55 0.00	21.91 -0.54 0.00	26.57 -0.60 0.00	32.89 -0.77 0.00	33.71 -0.83 0.00	28.83 -0.77 0.00	24.09 -0.69 0.00	24.20 -0.72 0.00	24.11 -0.69 0.00	24.43 -0.68 0.00	26.65 -0.71 0.00	28.33 -1.00 0.00	24.01 -1.16 7.09	35.96 -1.15 0.00	44.50 -1.38 0.00	45.28 -1.40 0.00	44.21 -1.32 0.00	39.86 -1.10 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.74 -0.56 0.00
SITHE_IND_GS2 24170	27.13 -0.64 0.00	25.27 -0.59 0.00	23.50 -0.58 0.00	22.27 -0.55 0.00	21.91 -0.54 0.00	26.57 -0.60 0.00	32.89 -0.77 0.00	33.71 -0.83 0.00	28.83 -0.77 0.00	24.09 -0.69 0.00	24.20 -0.72 0.00	24.11 -0.69 0.00	24.43 -0.68 0.00	26.65 -0.71 0.00	28.33 -1.00 0.00	24.01 -1.16 7.09	35.96 -1.15 0.00	44.50 -1.38 0.00	45.28 -1.40 0.00	44.21 -1.32 0.00	39.86 -1.10 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.74 -0.56 0.00
SITHE_IND_GS3 24171	27.13 -0.64 0.00	25.27 -0.59 0.00	23.50 -0.58 0.00	22.27 -0.55 0.00	21.91 -0.54 0.00	26.57 -0.60 0.00	32.89 -0.77 0.00	33.71 -0.83 0.00	28.83 -0.77 0.00	24.09 -0.69 0.00	24.20 -0.72 0.00	24.11 -0.69 0.00	24.43 -0.68 0.00	26.65 -0.71 0.00	28.33 -1.00 0.00	24.01 -1.16 7.09	35.96 -1.15 0.00	44.50 -1.38 0.00	45.28 -1.40 0.00	44.21 -1.32 0.00	39.86 -1.10 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.74 -0.56 0.00
SITHE_IND_GS4 24172	27.13 -0.64 0.00	25.27 -0.59 0.00	23.50 -0.58 0.00	22.27 -0.55 0.00	21.91 -0.54 0.00	26.57 -0.60 0.00	32.89 -0.77 0.00	33.71 -0.83 0.00	28.83 -0.77 0.00	24.09 -0.69 0.00	24.20 -0.72 0.00	24.11 -0.69 0.00	24.43 -0.68 0.00	26.65 -0.71 0.00	28.33 -1.00 0.00	24.01 -1.16 7.09	35.96 -1.15 0.00	44.50 -1.38 0.00	45.28 -1.40 0.00	44.21 -1.32 0.00	39.86 -1.10 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.74 -0.56 0.00

SITHE___BATAVIA 24024	28.46 0.69 0.00	26.69 0.83 0.00	24.73 0.65 0.00	23.52 0.71 0.00	23.10 0.65 0.00	28.07 0.90 0.00	34.23 0.57 0.00	34.71 0.17 0.00	29.60 0.00 0.00	24.58 -0.20 0.00	24.72 -0.20 0.00	24.76 -0.05 0.00	25.21 0.10 0.00	27.47 0.11 0.00	29.33 0.00 0.00	31.23 -0.26 0.77	36.93 -0.18 0.00	45.55 -0.32 0.00	46.49 -0.19 0.00	45.58 0.05 0.00	41.42 0.45 0.00	34.71 0.14 0.00	31.22 0.46 0.00	30.29 1.00 0.00
SITHE___INDEPEND 23800	27.05 -0.72 0.00	25.22 -0.65 0.00	23.43 -0.65 0.00	22.22 -0.59 0.00	21.84 -0.61 0.00	26.49 -0.68 0.00	32.78 -0.88 0.00	33.60 -0.93 0.00	28.74 -0.86 0.00	24.01 -0.77 0.00	24.15 -0.77 0.00	24.06 -0.74 0.00	24.36 -0.75 0.00	26.57 -0.79 0.00	28.30 -1.03 0.00	24.04 -1.13 7.09	35.96 -1.15 0.00	44.50 -1.38 0.00	45.28 -1.40 0.00	44.21 -1.32 0.00	39.86 -1.11 0.00	33.60 -0.97 0.00	29.92 -0.83 0.00	28.51 -0.79 0.00
SITHE___MASSENA 23902	93.22 0.08 -65.37	95.86 0.08 -69.92	87.82 0.07 -63.67	87.16 0.09 -64.25	101.00 0.09 -78.46	114.28 0.08 -87.02	118.83 0.10 -85.07	130.70 0.07 -96.09	101.00 0.21 -71.20	36.44 0.20 -11.46	36.43 0.18 -11.33	40.77 0.15 -15.81	48.27 0.13 -23.03	42.78 0.03 -15.39	42.44 0.18 -12.93	42.62 0.10 -10.26	37.26 0.04 -0.12	50.44 0.09 -4.47	91.85 0.09 -45.08	93.44 0.18 -47.73	137.64 -0.12 -96.79	107.33 0.03 -72.72	101.58 0.06 -70.77	101.00 0.06 -71.64
SITHE___OGDNSBRG 24021	81.27 0.53 -52.97	82.99 0.47 -56.66	76.15 0.48 -51.59	75.34 0.46 -52.07	86.48 0.45 -63.58	98.21 0.52 -70.52	103.31 0.71 -68.94	113.03 0.62 -77.87	87.88 0.59 -57.70	34.44 0.37 -9.29	34.43 0.32 -9.18	37.92 0.30 -12.82	44.03 0.25 -18.67	40.06 0.22 -12.47	40.10 0.29 -10.48	40.80 0.23 -8.32	37.58 0.37 -0.09	50.05 0.55 -3.62	83.95 0.75 -36.52	85.11 0.91 -38.67	119.93 0.53 -78.43	94.08 0.59 -58.92	88.65 0.55 -57.34	87.84 0.50 -58.05
SITHE___STERLING 23777	31.42 0.81 -2.85	29.68 0.78 -3.04	27.52 0.67 -2.77	26.28 0.66 -2.80	26.52 0.65 -3.42	31.78 0.81 -3.79	38.51 1.15 -3.70	39.82 1.10 -4.18	33.46 0.77 -3.10	25.75 0.47 -0.50	25.84 0.42 -0.49	25.89 0.40 -0.69	26.54 0.43 -1.00	28.55 0.52 -0.67	30.42 0.53 -0.56	33.32 0.61 -0.45	37.90 0.78 0.00	47.21 1.15 -0.19	49.99 1.40 -1.91	49.05 1.50 -2.02	46.46 1.39 -4.10	38.72 1.07 -3.08	34.67 0.92 -3.00	33.18 0.85 -3.03
SLEIGHT__34_KV_TB1 80719	28.54 -0.11 -0.89	26.81 0.00 -0.95	24.85 -0.10 -0.86	23.60 -0.09 -0.87	23.40 -0.11 -1.07	28.44 0.08 -1.18	34.75 -0.07 -1.15	35.63 -0.21 -1.30	30.30 -0.27 -0.97	24.54 -0.40 -0.16	24.68 -0.40 -0.15	24.70 -0.32 -0.21	25.17 -0.25 -0.31	27.35 -0.22 -0.21	29.12 -0.38 -0.18	31.32 -0.39 0.56	36.78 -0.33 0.00	45.51 -0.37 0.00	46.40 -0.28 0.00	45.35 -0.18 0.00	41.01 0.04 0.00	34.43 -0.14 0.00	30.75 0.00 0.00	29.30 0.00 0.00
SMITHTWN_69_KV_BK 1 55830	29.79 2.03 0.00	27.47 1.60 0.00	25.55 1.47 0.00	23.98 1.16 0.00	23.57 1.12 0.00	28.69 1.52 0.00	35.81 2.15 0.00	37.09 2.56 0.00	31.95 1.83 -0.52	26.79 1.78 -0.22	27.25 2.32 -0.01	27.22 2.41 -0.01	27.41 2.29 -0.01	30.00 2.41 -0.23	32.54 2.82 -0.39	36.71 3.10 -1.35	41.39 3.53 -0.75	50.47 3.76 -0.83	50.93 3.78 -0.47	48.92 3.28 -0.11	44.35 3.36 -0.02	38.92 3.35 -0.99	33.53 2.77 -0.01	31.55 2.26 0.00
SOUTH CAIRO___GT 23612	29.02 1.25 0.00	26.92 1.06 0.00	25.14 1.06 0.00	23.77 0.96 0.00	23.41 0.97 0.00	28.23 1.06 0.00	34.94 1.28 0.00	35.78 1.24 0.00	30.31 0.89 0.17	25.28 0.57 0.07	25.07 0.15 0.00	24.93 0.12 0.00	25.26 0.15 0.00	27.70 0.41 0.07	29.76 0.56 0.12	31.95 0.65 0.96	37.83 0.96 0.24	47.57 1.97 0.27	48.77 2.24 0.15	47.86 2.37 0.04	42.77 1.80 0.00	36.23 1.66 0.00	32.05 1.29 0.00	30.64 1.35 0.00
SOUTH HAMPTN___IC 23720	29.91 2.14 0.00	27.54 1.68 0.00	25.55 1.47 0.00	23.93 1.12 0.00	23.48 1.03 0.00	28.61 1.44 0.00	35.68 2.02 0.00	37.02 2.49 0.00	31.80 1.69 -0.52	26.69 1.69 -0.22	27.30 2.37 -0.01	27.25 2.43 -0.01	27.41 2.28 -0.01	30.11 2.52 -0.23	32.68 2.96 -0.39	36.89 3.29 -1.34	41.84 3.97 -0.75	50.97 4.27 -0.83	51.48 4.34 -0.46	49.37 3.73 -0.11	44.66 3.69 -0.01	39.05 3.49 -0.99	33.62 2.86 -0.01	31.35 2.05 0.00
SOUTHDOW_115KV_TB1 355954	28.27 0.50 0.00	26.56 0.70 0.00	24.61 0.53 0.00	23.34 0.52 0.00	23.01 0.56 0.00	28.31 1.14 0.00	34.90 1.25 0.00	35.57 1.04 0.00	30.34 0.74 0.00	25.25 0.47 0.00	25.50 0.57 0.00	25.55 0.74 0.00	25.97 0.85 0.00	28.27 0.90 0.00	30.27 0.94 0.00	32.39 0.90 0.78	37.93 0.82 0.00	46.33 0.46 0.00	47.24 0.56 0.00	46.12 0.59 0.00	41.66 0.70 0.00	34.92 0.35 0.00	31.43 0.68 0.00	30.29 1.00 0.00
SOUTHOLD_69_KV_BK 2 55809	30.41 2.64 0.00	27.93 2.07 0.00	25.86 1.78 0.00	24.16 1.35 0.00	23.68 1.23 0.00	28.86 1.68 0.00	35.91 2.26 0.00	37.26 2.73 0.00	32.07 1.95 -0.52	26.91 1.91 -0.22	27.55 2.62 -0.01	27.50 2.68 -0.01	27.73 2.61 -0.01	30.50 2.90 -0.23	33.06 3.34 -0.39	37.31 3.71 -1.34	42.28 4.42 -0.75	51.61 4.91 -0.83	52.13 4.99 -0.46	49.83 4.19 -0.11	45.07 4.10 -0.01	39.39 3.84 -0.99	33.96 3.20 -0.01	32.02 2.72 0.00
SOUTHOLD___IC 23719	30.32 2.55 0.00	27.88 2.02 0.00	25.81 1.73 0.00	24.12 1.30 0.00	23.62 1.17 0.00	28.78 1.60 0.00	35.84 2.19 0.00	37.19 2.66 0.00	31.95 1.84 -0.52	26.81 1.81 -0.22	27.52 2.59 -0.01	27.50 2.68 -0.01	27.68 2.56 -0.01	30.44 2.85 -0.23	33.06 3.34 -0.39	37.31 3.71 -1.34	42.35 4.49 -0.75	51.62 4.91 -0.83	52.13 5.00 -0.46	49.82 4.19 -0.11	45.07 4.10 -0.01	39.39 3.84 -0.99	33.96 3.20 -0.01	31.73 2.43 0.00
SOUTH_FORK_WT_PWR 323839	30.38 2.61 0.00	27.91 2.04 0.00	25.76 1.68 0.00	24.05 1.23 0.00	23.53 1.08 0.00	28.67 1.49 0.00	35.61 1.95 0.00	36.95 2.42 0.00	31.74 1.63 -0.52	26.66 1.66 -0.22	27.40 2.47 -0.01	27.40 2.58 -0.01	27.61 2.49 -0.01	30.39 2.79 -0.23	32.98 3.26 -0.39	37.21 3.61 -1.34	42.20 4.34 -0.75	51.43 4.73 -0.83	51.99 4.85 -0.46	49.55 3.92 -0.11	44.83 3.85 -0.01	39.26 3.70 -0.99	33.84 3.08 -0.01	31.70 2.40 0.00
SPIERFLS_115KV_TB 1 80737	29.85 2.08 0.00	27.83 1.97 0.00	25.96 1.88 0.00	24.62 1.80 0.00	24.22 1.77 0.00	29.35 2.17 0.00	36.05 2.39 0.00	37.09 2.56 0.00	30.69 1.63 0.53	25.49 0.94 0.23	25.62 0.70 0.00	25.40 0.60 0.00	25.59 0.48 0.00	27.71 0.57 0.23	29.73 0.79 0.39	31.98 1.06 1.34	38.06 1.71 0.76	48.23 3.21 0.85	49.96 3.73 0.46	49.20 3.78 0.11	44.37 3.40 0.00	37.23 2.66 0.00	33.06 2.31 0.00	31.52 2.23 0.00
ST LAWRENCE____ 23600	22.91 -0.25 4.61	20.70 -0.23 4.93	19.45 -0.19 4.43	18.16 -0.18 4.47	16.83 -0.16 5.46	20.82 -0.22 6.14	27.39 -0.27 6.00	27.33 -0.28 6.92	24.25 -0.12 5.23	23.74 -0.07 0.96	23.86 -0.12 0.94	23.47 -0.12 1.22	23.17 -0.15 1.79	25.90 -0.25 1.21	28.14 -0.17 1.02	31.18 -0.26 0.82	36.80 -0.30 0.01	45.19 -0.32 0.36	42.92 -0.32 3.44	41.62 -0.27 3.64	33.20 -0.49 7.28	28.91 -0.31 5.35	25.36 -0.28 5.12	23.97 -0.26 5.06

STATE_CA_115KV_115_LB 55624	28.30 0.53 0.00	26.35 0.49 0.00	24.54 0.46 0.00	23.27 0.46 0.00	22.88 0.43 0.00	27.63 0.46 0.00	34.16 0.50 0.00	35.12 0.59 0.00	29.54 0.36 0.41	24.88 0.27 0.17	25.15 0.22 0.00	25.01 0.20 0.00	25.31 0.20 0.00	27.41 0.22 0.17	29.35 0.32 0.30	31.37 0.32 1.22	36.93 0.41 0.58	45.95 0.73 0.65	47.12 0.79 0.35	46.13 0.68 0.09	41.70 0.74 0.00	35.19 0.62 0.00	31.22 0.46 0.00	29.82 0.53 0.00
STATE_ST_34_KV_LOAD 55959	28.86 0.06 -1.03	27.05 0.08 -1.10	25.08 0.00 -1.01	23.83 0.00 -1.01	23.71 0.02 -1.24	28.68 0.14 -1.37	35.20 0.20 -1.34	36.19 0.14 -1.52	30.72 0.00 -1.12	24.81 -0.15 -0.18	24.93 -0.17 -0.18	24.93 -0.12 -0.25	25.40 -0.08 -0.36	27.58 -0.03 -0.24	29.36 -0.18 -0.20	32.27 -0.16 -0.18	37.15 0.04 0.00	46.12 0.18 -0.06	47.57 0.28 -0.61	46.45 0.27 -0.64	42.68 0.41 -1.30	35.75 0.21 -0.97	31.94 0.25 -0.94	30.46 0.21 -0.96
STATION_5_MISC_HYD 23604	27.94 0.17 0.00	26.10 0.23 0.00	24.20 0.12 0.00	22.98 0.16 0.00	22.58 0.14 0.00	27.53 0.35 0.00	33.76 0.10 0.00	34.43 -0.10 0.00	29.42 -0.18 0.00	24.51 -0.27 0.00	24.65 -0.27 0.00	24.61 -0.20 0.00	25.04 -0.08 0.00	27.31 -0.05 0.00	29.09 -0.24 0.00	31.11 -0.32 0.83	36.93 -0.18 0.00	45.65 -0.23 0.00	46.49 -0.19 0.00	45.48 -0.05 0.00	41.21 0.25 0.00	34.60 0.03 0.00	30.97 0.22 0.00	29.74 0.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.73 0.08 -0.87	26.98 0.18 -0.94	25.00 0.07 -0.85	23.74 0.07 -0.86	23.54 0.04 -1.05	28.61 0.27 -1.16	34.93 0.13 -1.14	35.82 0.00 -1.29	30.46 -0.09 -0.95	24.66 -0.27 -0.15	24.80 -0.27 -0.15	24.82 -0.20 -0.21	25.29 -0.13 -0.31	27.49 -0.08 -0.21	29.30 -0.21 -0.17	31.49 -0.19 0.57	36.96 -0.15 0.00	45.74 -0.14 0.00	46.63 -0.05 0.00	45.58 0.05 0.00	41.21 0.25 0.00	34.64 0.07 0.00	30.97 0.22 0.00	29.50 0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.77 0.00 0.00	25.97 0.10 0.00	24.10 0.02 0.00	22.84 0.02 0.00	22.43 -0.02 0.00	27.39 0.22 0.00	33.59 -0.07 0.00	34.29 -0.24 0.00	29.33 -0.27 0.00	24.38 -0.40 0.00	24.55 -0.37 0.00	24.51 -0.30 0.00	24.91 -0.20 0.00	27.17 -0.19 0.00	29.01 -0.32 0.00	31.09 -0.35 0.81	36.74 -0.37 0.00	45.41 -0.46 0.00	46.26 -0.42 0.00	45.26 -0.27 0.00	40.97 0.00 0.00	34.43 -0.14 0.00	30.78 0.03 0.00	29.36 0.06 0.00
STA_56___34_KV_BUS2 355983	27.77 0.00 0.00	25.97 0.10 0.00	24.10 0.02 0.00	22.84 0.02 0.00	22.43 -0.02 0.00	27.39 0.22 0.00	33.59 -0.07 0.00	34.29 -0.24 0.00	29.33 -0.27 0.00	24.38 -0.40 0.00	24.55 -0.37 0.00	24.51 -0.30 0.00	24.91 -0.20 0.00	27.17 -0.19 0.00	29.01 -0.32 0.00	31.09 -0.35 0.81	36.74 -0.37 0.00	45.41 -0.46 0.00	46.26 -0.42 0.00	45.26 -0.27 0.00	40.97 0.00 0.00	34.43 -0.14 0.00	30.78 0.03 0.00	29.36 0.06 0.00
STA_67___115KV_BK2 355882	27.85 0.08 0.00	26.07 0.21 0.00	24.17 0.10 0.00	22.93 0.11 0.00	22.52 0.07 0.00	27.50 0.33 0.00	33.69 0.03 0.00	34.36 -0.17 0.00	29.39 -0.21 0.00	24.43 -0.35 0.00	24.60 -0.32 0.00	24.56 -0.25 0.00	24.96 -0.15 0.00	27.23 -0.14 0.00	29.07 -0.26 0.00	31.17 -0.26 0.83	36.85 -0.26 0.00	45.51 -0.37 0.00	46.35 -0.33 0.00	45.39 -0.14 0.00	41.09 0.12 0.00	34.54 -0.03 0.00	30.88 0.12 0.00	29.50 0.21 0.00
STA_7___115KV_9TRANS 80674	28.21 0.44 0.00	26.41 0.54 0.00	24.46 0.39 0.00	23.18 0.37 0.00	22.76 0.31 0.00	27.83 0.65 0.00	34.10 0.44 0.00	34.81 0.28 0.00	29.77 0.18 0.00	24.71 -0.07 0.00	24.87 -0.05 0.00	24.86 0.05 0.00	25.29 0.18 0.00	27.58 0.22 0.00	29.45 0.12 0.00	31.43 0.00 0.83	37.15 0.04 0.00	45.87 0.00 0.00	46.77 0.09 0.00	45.76 0.23 0.00	41.46 0.49 0.00	34.81 0.24 0.00	31.12 0.37 0.00	29.68 0.38 0.00
STA_82___115KV_TB1 80780	27.91 0.14 0.00	26.12 0.26 0.00	24.22 0.14 0.00	22.95 0.14 0.00	22.54 0.09 0.00	27.53 0.35 0.00	33.73 0.07 0.00	34.43 -0.10 0.00	29.42 -0.18 0.00	24.46 -0.32 0.00	24.62 -0.30 0.00	24.59 -0.22 0.00	24.99 -0.13 0.00	27.26 -0.11 0.00	29.12 -0.21 0.00	31.18 -0.26 0.82	36.85 -0.26 0.00	45.51 -0.37 0.00	46.40 -0.28 0.00	45.39 -0.14 0.00	41.13 0.16 0.00	34.54 -0.03 0.00	30.91 0.15 0.00	29.50 0.21 0.00
STEEL___WIND 323596	27.82 0.06 0.00	26.05 0.18 0.00	24.18 0.10 0.00	23.00 0.18 0.00	22.65 0.20 0.00	27.63 0.46 0.00	33.62 -0.03 0.00	34.02 -0.52 0.00	29.00 -0.59 0.00	24.24 -0.55 0.00	24.48 -0.45 0.00	24.49 -0.32 0.00	24.91 -0.20 0.00	27.15 -0.22 0.00	28.98 -0.35 0.00	30.82 -0.74 0.70	36.37 -0.74 0.00	44.68 -1.19 0.00	45.51 -1.17 0.00	44.53 -1.00 0.00	40.39 -0.57 0.00	33.95 -0.62 0.00	30.60 -0.15 0.00	29.79 0.50 0.00
STEPHTWN_115KV_BK_2 55603	28.43 0.67 0.00	26.48 0.62 0.00	24.66 0.58 0.00	23.39 0.57 0.00	22.99 0.54 0.00	27.77 0.60 0.00	34.33 0.67 0.00	35.33 0.79 0.00	29.67 0.47 0.39	24.98 0.37 0.17	25.22 0.30 0.00	25.08 0.27 0.00	25.36 0.25 0.00	27.47 0.27 0.17	29.45 0.41 0.29	31.48 0.42 1.20	37.14 0.59 0.56	46.25 1.01 0.63	47.46 1.12 0.34	46.49 1.05 0.08	41.99 1.02 0.00	35.43 0.86 0.00	31.43 0.68 0.00	30.00 0.70 0.00
STEUBEN_REC_LFGE 323667	28.32 0.56 0.00	26.56 0.70 0.00	24.61 0.53 0.00	23.34 0.52 0.00	23.01 0.56 0.00	28.18 1.01 0.00	34.63 0.98 0.00	35.23 0.69 0.00	29.89 0.30 0.00	24.73 -0.05 0.00	24.87 -0.05 0.00	24.83 0.02 0.00	25.24 0.13 0.00	27.58 0.22 0.00	29.48 0.15 0.00	31.89 0.16 0.53	37.41 0.30 0.00	46.29 0.41 0.00	47.38 0.70 0.00	46.39 0.87 0.00	42.03 1.07 0.00	35.26 0.69 0.00	31.61 0.86 0.00	30.32 1.03 0.00
STILLWATER___SOLAR 323814	29.27 1.50 0.00	27.28 1.42 0.00	25.43 1.35 0.00	24.09 1.28 0.00	23.70 1.26 0.00	28.69 1.52 0.00	35.37 1.72 0.00	36.36 1.83 0.00	30.23 1.19 0.55	25.26 0.72 0.24	25.52 0.60 0.00	25.33 0.52 0.00	25.54 0.43 0.00	27.62 0.49 0.23	29.63 0.70 0.40	31.77 0.87 1.36	37.70 1.37 0.79	47.33 2.34 0.88	48.91 2.71 0.47	48.10 2.69 0.12	43.47 2.50 0.00	36.61 2.04 0.00	32.51 1.75 0.00	30.79 1.49 0.00
STONY___BROOK 24151	29.77 2.00 0.00	27.44 1.58 0.00	25.50 1.42 0.00	23.96 1.14 0.00	23.53 1.08 0.00	28.64 1.47 0.00	35.71 2.05 0.00	36.99 2.45 0.00	31.80 1.69 -0.52	26.69 1.69 -0.22	27.22 2.29 -0.01	27.22 2.41 -0.01	27.35 2.23 -0.01	29.98 2.38 -0.23	32.51 2.79 -0.39	36.70 3.10 -1.35	41.54 3.67 -0.75	50.56 3.85 -0.83	50.97 3.83 -0.46	49.01 3.37 -0.11	44.42 3.44 -0.01	38.95 3.39 -0.99	33.53 2.77 -0.01	31.29 1.99 0.00
STURGEON_POOL_HYD 23609	28.88 1.11 0.00	26.79 0.93 0.00	25.04 0.96 0.00	23.66 0.84 0.00	23.30 0.85 0.00	28.12 0.95 0.00	34.94 1.28 0.00	35.95 1.42 0.00	31.13 1.30 -0.24	26.12 1.24 -0.10	26.19 1.27 0.00	26.10 1.29 0.00	26.47 1.36 0.00	29.05 1.59 -0.10	31.38 1.88 -0.17	33.69 1.94 0.50	39.71 2.26 -0.34	48.77 2.52 -0.38	49.31 2.43 -0.20	47.81 2.23 -0.05	42.97 2.01 0.00	36.37 1.80 0.00	32.23 1.48 0.00	30.70 1.41 0.00

ST_LAW_115_BK7_LBMP 345037	20.83 -0.22 6.71	18.45 -0.23 7.18	17.35 -0.19 6.54	16.06 -0.16 6.60	14.24 -0.16 8.05	18.02 -0.22 8.93	24.65 -0.27 8.73	24.39 -0.28 9.86	22.17 -0.12 7.31	23.53 -0.07 1.18	23.64 -0.12 1.16	23.06 -0.12 1.62	22.60 -0.15 2.36	25.54 -0.25 1.58	27.83 -0.17 1.33	30.95 -0.26 1.05	36.76 -0.33 0.01	45.04 -0.37 0.46	41.67 -0.38 4.63	40.31 -0.32 4.91	30.53 -0.49 9.95	26.75 -0.35 7.48	23.20 -0.28 7.27	21.67 -0.26 7.36
ST_LAW_115_BK8_LBMP 345038	20.83 -0.22 6.71	18.45 -0.23 7.18	17.35 -0.19 6.54	16.06 -0.16 6.60	14.24 -0.16 8.05	18.02 -0.22 8.93	24.65 -0.27 8.73	24.39 -0.28 9.86	22.17 -0.12 7.31	23.53 -0.07 1.18	23.64 -0.12 1.16	23.06 -0.12 1.62	22.60 -0.15 2.36	25.54 -0.25 1.58	27.83 -0.17 1.33	30.95 -0.26 1.05	36.76 -0.33 0.01	45.04 -0.37 0.46	41.67 -0.38 4.63	40.31 -0.32 4.91	30.53 -0.49 9.95	26.75 -0.35 7.48	23.20 -0.28 7.27	21.67 -0.26 7.36
ST_LAW_230_BK5_LBMP 345035	23.65 -0.25 3.87	21.49 -0.23 4.14	20.11 -0.19 3.77	18.83 -0.18 3.81	17.64 -0.16 4.65	21.80 -0.22 5.15	28.35 -0.27 5.04	28.56 -0.28 5.69	25.26 -0.12 4.22	24.03 -0.07 0.68	24.13 -0.12 0.67	23.75 -0.12 0.94	23.60 -0.15 1.36	26.21 -0.25 0.91	28.39 -0.17 0.77	31.39 -0.26 0.61	36.81 -0.30 0.01	45.29 -0.32 0.27	43.68 -0.32 2.67	42.43 -0.27 2.83	34.73 -0.49 5.74	29.94 -0.31 4.32	26.28 -0.28 4.20	24.78 -0.26 4.25
ST_LAW_230_BK6_LBMP 345036	23.65 -0.25 3.87	21.49 -0.23 4.14	20.11 -0.19 3.77	18.83 -0.18 3.81	17.64 -0.16 4.65	21.80 -0.22 5.15	28.35 -0.27 5.04	28.56 -0.28 5.69	25.26 -0.12 4.22	24.03 -0.07 0.68	24.13 -0.12 0.67	23.75 -0.12 0.94	23.60 -0.15 1.36	26.21 -0.25 0.91	28.39 -0.17 0.77	31.39 -0.26 0.61	36.81 -0.30 0.01	45.29 -0.32 0.27	43.68 -0.32 2.67	42.43 -0.27 2.83	34.73 -0.49 5.74	29.94 -0.31 4.32	26.28 -0.28 4.20	24.78 -0.26 4.25
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.68 0.92 0.00	26.64 0.78 0.00	24.87 0.79 0.00	23.50 0.68 0.00	23.17 0.72 0.00	27.99 0.82 0.00	34.77 1.11 0.00	35.78 1.24 0.00	31.11 1.07 -0.45	26.01 1.04 -0.19	26.07 1.15 0.00	25.98 1.17 0.00	26.32 1.21 0.00	28.87 1.31 -0.19	31.24 1.58 -0.33	33.66 1.65 0.24	39.72 1.97 -0.64	48.75 2.16 -0.72	49.12 2.05 -0.38	47.44 1.82 -0.09	42.81 1.84 0.00	36.16 1.59 0.00	32.08 1.32 0.00	30.47 1.17 0.00
SWANROAD_115KV_TB1 355699	27.57 -0.19 0.00	25.99 0.13 0.00	24.13 0.05 0.00	22.86 0.05 0.00	22.52 0.07 0.00	27.20 0.03 0.00	32.88 -0.77 0.00	33.15 -1.38 0.00	28.35 -1.24 0.00	23.64 -1.14 0.00	23.85 -1.07 0.00	23.87 -0.94 0.00	24.28 -0.83 0.00	26.41 -0.96 0.00	28.27 -1.06 0.00	30.23 -1.29 0.74	35.48 -1.63 0.00	43.44 -2.43 0.00	44.25 -2.43 0.00	43.34 -2.19 0.00	39.41 -1.56 0.00	33.15 -1.42 0.00	29.92 -0.83 0.00	29.33 0.03 0.00
SYNERGY___BIOGAS 323694	28.41 0.64 0.00	26.72 0.85 0.00	24.75 0.67 0.00	23.46 0.64 0.00	23.05 0.61 0.00	28.10 0.92 0.00	34.16 0.50 0.00	34.67 0.14 0.00	29.63 0.03 0.00	24.53 -0.25 0.00	24.70 -0.22 0.00	24.71 -0.10 0.00	25.16 0.05 0.00	27.39 0.03 0.00	29.33 0.00 0.00	31.46 -0.03 0.77	37.00 -0.11 0.00	45.55 -0.32 0.00	46.49 -0.19 0.00	45.58 0.05 0.00	41.42 0.45 0.00	34.71 0.14 0.00	31.22 0.46 0.00	30.12 0.82 0.00
SYRACUSE___ENERGY_ST1 323597	28.88 -0.14 -1.25	27.09 -0.10 -1.33	25.15 -0.14 -1.21	23.91 -0.14 -1.23	23.81 -0.13 -1.50	28.75 -0.08 -1.66	35.18 -0.10 -1.62	36.20 -0.17 -1.83	30.72 -0.24 -1.36	24.73 -0.27 -0.22	24.84 -0.30 -0.22	24.86 -0.25 -0.30	25.30 -0.25 -0.44	27.44 -0.22 -0.29	29.20 -0.38 -0.25	32.26 -0.39 -0.39	36.82 -0.30 0.00	45.67 -0.28 -0.07	47.20 -0.23 -0.75	46.10 -0.23 -0.80	42.50 -0.08 -1.62	35.64 -0.14 -1.21	31.87 -0.06 -1.18	30.43 -0.06 -1.19
SYRACUSE___ENERGY_ST2 323598	28.88 -0.14 -1.25	27.09 -0.10 -1.33	25.15 -0.14 -1.21	23.91 -0.14 -1.23	23.81 -0.13 -1.50	28.75 -0.08 -1.66	35.18 -0.10 -1.62	36.20 -0.17 -1.83	30.72 -0.24 -1.36	24.73 -0.27 -0.22	24.84 -0.30 -0.22	24.86 -0.25 -0.30	25.30 -0.25 -0.44	27.44 -0.22 -0.29	29.20 -0.38 -0.25	32.26 -0.39 -0.39	36.82 -0.30 0.00	45.67 -0.28 -0.07	47.20 -0.23 -0.75	46.10 -0.23 -0.80	42.50 -0.08 -1.62	35.64 -0.14 -1.21	31.87 -0.06 -1.18	30.43 -0.06 -1.19
SYRACUSE___POWER 24017	28.85 -0.25 -1.34	27.09 -0.21 -1.43	25.14 -0.24 -1.30	23.90 -0.23 -1.31	23.83 -0.22 -1.60	28.76 -0.19 -1.78	35.16 -0.24 -1.74	36.19 -0.31 -1.97	30.70 -0.36 -1.46	24.64 -0.37 -0.23	24.78 -0.37 -0.23	24.79 -0.35 -0.32	25.26 -0.33 -0.47	27.38 -0.30 -0.31	29.13 -0.47 -0.26	31.97 -0.52 -0.22	36.70 -0.41 0.00	45.45 -0.50 -0.08	47.07 -0.42 -0.81	45.98 -0.41 -0.86	42.47 -0.25 -1.75	35.61 -0.28 -1.31	31.88 -0.15 -1.28	30.41 -0.18 -1.29
TALLMAN_138KV_BK151 55660	28.80 1.03 0.00	26.77 0.91 0.00	24.99 0.91 0.00	23.61 0.80 0.00	23.26 0.81 0.00	28.12 0.95 0.00	34.97 1.31 0.00	36.02 1.48 0.00	31.35 1.27 -0.48	26.22 1.24 -0.20	26.32 1.40 0.00	26.22 1.41 0.00	26.57 1.46 0.00	29.16 1.59 -0.20	31.56 1.88 -0.35	34.03 2.00 0.23	40.13 2.34 -0.68	49.16 2.52 -0.76	49.52 2.43 -0.41	47.77 2.14 -0.10	43.10 2.13 0.00	36.40 1.83 0.00	32.26 1.51 0.00	30.64 1.35 0.00
TEALLAVE_115KV_TB7 355573	28.98 -0.28 -1.49	27.23 -0.23 -1.60	25.27 -0.26 -1.46	24.03 -0.25 -1.47	24.00 -0.25 -1.79	28.95 -0.22 -1.99	35.33 -0.27 -1.95	36.39 -0.35 -2.20	30.87 -0.36 -1.63	24.67 -0.37 -0.26	24.78 -0.40 -0.26	24.82 -0.35 -0.36	25.29 -0.35 -0.53	27.39 -0.33 -0.35	29.13 -0.50 -0.30	31.69 -0.55 0.02	36.67 -0.45 0.00	45.41 -0.55 -0.09	47.09 -0.51 -0.93	46.01 -0.50 -0.98	42.63 -0.33 -1.99	35.75 -0.31 -1.49	32.02 -0.18 -1.45	30.56 -0.21 -1.47
TELGRAPH_34_KV_EAST 80808	28.02 0.25 0.00	26.38 0.52 0.00	24.44 0.36 0.00	23.18 0.37 0.00	22.79 0.34 0.00	27.74 0.57 0.00	33.62 -0.03 0.00	34.05 -0.48 0.00	29.09 -0.50 0.00	24.19 -0.59 0.00	24.38 -0.55 0.00	24.39 -0.42 0.00	24.81 -0.30 0.00	27.04 -0.33 0.00	28.92 -0.41 0.00	30.99 -0.52 0.76	36.37 -0.74 0.00	44.68 -1.19 0.00	45.56 -1.12 0.00	44.62 -0.91 0.00	40.56 -0.41 0.00	34.05 -0.52 0.00	30.66 -0.09 0.00	29.77 0.47 0.00
TEMPLE___115KV_TB 2 55572	28.98 -0.25 -1.46	27.22 -0.21 -1.56	25.26 -0.24 -1.42	24.03 -0.23 -1.44	23.98 -0.22 -1.75	28.93 -0.19 -1.95	35.29 -0.27 -1.90	36.37 -0.31 -2.15	30.83 -0.36 -1.59	24.66 -0.37 -0.26	24.80 -0.37 -0.25	24.82 -0.35 -0.35	25.30 -0.33 -0.52	27.41 -0.30 -0.34	29.12 -0.50 -0.29	31.71 -0.52 0.03	36.67 -0.45 0.00	45.41 -0.55 -0.09	47.07 -0.51 -0.90	45.98 -0.50 -0.96	42.58 -0.33 -1.94	35.71 -0.31 -1.46	31.99 -0.18 -1.42	30.56 -0.18 -1.43
TIANA___69_KV_BK 1 55817	29.91 2.14 0.00	27.52 1.66 0.00	25.55 1.47 0.00	23.96 1.14 0.00	23.53 1.08 0.00	28.67 1.49 0.00	35.75 2.09 0.00	37.09 2.56 0.00	31.92 1.81 -0.52	26.76 1.76 -0.22	27.28 2.34 -0.01	27.20 2.38 -0.01	27.41 2.29 -0.01	30.09 2.49 -0.23	32.60 2.87 -0.39	36.82 3.23 -1.34	41.69 3.82 -0.75	50.88 4.17 -0.83	51.38 4.25 -0.46	49.28 3.64 -0.11	44.58 3.61 -0.01	38.98 3.42 -0.99	33.56 2.80 -0.01	31.58 2.29 0.00

TILDEN___115KV_TB1 80814	28.85 -0.25 -1.34	27.09 -0.21 -1.43	25.14 -0.24 -1.30	23.90 -0.23 -1.31	23.83 -0.22 -1.60	28.76 -0.19 -1.78	35.16 -0.24 -1.74	36.19 -0.31 -1.97	30.70 -0.36 -1.46	24.64 -0.37 -0.23	24.78 -0.37 -0.23	24.79 -0.35 -0.32	25.26 -0.33 -0.47	27.38 -0.30 -0.31	29.13 -0.47 -0.26	31.97 -0.52 -0.22	36.70 -0.41 0.00	45.45 -0.50 -0.08	47.07 -0.42 -0.81	45.98 -0.41 -0.86	42.47 -0.25 -1.75	35.61 -0.28 -1.31	31.88 -0.15 -1.28	30.41 -0.18 -1.29
TRIGEN___CC 323695	29.35 1.58 0.00	27.13 1.27 0.00	25.26 1.18 0.00	23.80 0.98 0.00	23.39 0.94 0.00	28.40 1.22 0.00	35.44 1.78 0.00	36.68 2.14 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.81 1.87 -0.02	26.76 1.94 -0.02	27.09 1.96 -0.02	29.66 2.05 -0.24	32.10 2.38 -0.40	37.31 2.52 -2.53	40.84 2.97 -0.76	49.78 3.07 -0.83	50.16 3.03 -0.45	48.23 2.60 -0.11	43.63 2.66 0.00	38.70 2.39 -1.74	32.89 2.12 -0.02	31.11 1.82 0.00
TRINITY___115KV___4 BK 55933	28.24 0.47 0.00	26.28 0.41 0.00	24.46 0.39 0.00	23.20 0.39 0.00	22.81 0.36 0.00	27.55 0.38 0.00	34.06 0.40 0.00	35.02 0.48 0.00	29.49 0.30 0.40	24.86 0.25 0.17	25.12 0.20 0.00	24.98 0.17 0.00	25.29 0.18 0.00	27.39 0.19 0.17	29.33 0.29 0.29	31.32 0.26 1.20	36.88 0.33 0.57	45.83 0.60 0.64	46.94 0.61 0.34	45.95 0.50 0.08	41.54 0.57 0.00	35.09 0.52 0.00	31.12 0.37 0.00	29.74 0.44 0.00
UNION___PROCESSING_DRP 323587	27.91 0.14 0.00	26.12 0.26 0.00	24.22 0.14 0.00	22.95 0.14 0.00	22.56 0.11 0.00	27.53 0.35 0.00	33.73 0.07 0.00	34.43 -0.10 0.00	29.45 -0.15 0.00	24.46 -0.32 0.00	24.62 -0.30 0.00	24.61 -0.20 0.00	25.01 -0.10 0.00	27.26 -0.11 0.00	29.12 -0.21 0.00	31.22 -0.23 0.81	36.89 -0.22 0.00	45.55 -0.32 0.00	46.40 -0.28 0.00	45.39 -0.14 0.00	41.13 0.16 0.00	34.54 -0.03 0.00	30.91 0.15 0.00	29.50 0.21 0.00
UPPER HUDSON___HYD 24058	29.82 2.05 0.00	27.80 1.94 0.00	25.91 1.83 0.00	24.57 1.76 0.00	24.18 1.73 0.00	29.32 2.15 0.00	35.95 2.29 0.00	37.02 2.49 0.00	30.63 1.57 0.53	25.47 0.92 0.23	25.62 0.70 0.00	25.40 0.59 0.00	25.54 0.43 0.00	27.69 0.55 0.23	29.73 0.79 0.39	31.98 1.06 1.34	38.06 1.71 0.76	48.23 3.21 0.85	49.96 3.74 0.46	49.19 3.78 0.11	44.37 3.40 0.00	37.23 2.66 0.00	33.09 2.34 0.00	31.41 2.11 0.00
UPPER RAQUET___HYD 24056	73.18 0.31 -45.10	74.39 0.29 -48.24	68.27 0.27 -43.93	67.42 0.27 -44.33	76.88 0.29 -54.14	87.55 0.33 -60.05	92.83 0.47 -58.70	101.25 0.42 -66.30	79.19 0.47 -49.12	33.04 0.35 -7.91	32.99 0.25 -7.82	35.94 0.22 -10.91	41.23 0.23 -15.89	38.10 0.11 -10.62	38.51 0.26 -8.92	39.44 0.10 -7.08	37.08 -0.11 -0.08	48.91 -0.05 -3.09	77.82 0.05 -31.09	78.63 0.18 -32.92	107.69 -0.04 -66.76	85.01 0.28 -50.16	79.90 0.34 -48.81	79.04 0.32 -49.42
VALLEY44_115KV_TB2 355964	27.13 -0.64 0.00	25.53 -0.34 0.00	23.64 -0.43 0.00	22.43 -0.39 0.00	22.13 -0.31 0.00	27.15 -0.03 0.00	33.12 -0.54 0.00	33.71 -0.83 0.00	28.77 -0.83 0.00	23.96 -0.82 0.00	24.18 -0.75 0.00	24.19 -0.62 0.00	24.58 -0.53 0.00	26.79 -0.57 0.00	28.68 -0.65 0.00	30.69 -0.81 0.77	36.07 -1.04 0.00	44.36 -1.51 0.00	45.19 -1.49 0.00	44.16 -1.37 0.00	39.98 -0.98 0.00	33.57 -1.00 0.00	30.20 -0.55 0.00	29.12 -0.18 0.00
VALLEY___115KV_TB 1-4 80826	29.26 0.44 -1.05	27.40 0.41 -1.12	25.49 0.39 -1.02	24.21 0.37 -1.03	24.07 0.36 -1.26	29.01 0.43 -1.40	35.63 0.61 -1.37	36.67 0.59 -1.55	31.18 0.44 -1.14	25.26 0.30 -0.18	25.40 0.30 -0.18	25.36 0.30 -0.25	25.81 0.33 -0.37	27.97 0.36 -0.25	29.95 0.41 -0.21	32.94 0.52 -0.17	37.59 0.48 0.00	46.54 0.60 -0.07	48.10 0.70 -0.72	46.97 0.68 -0.76	43.20 0.70 -1.54	36.31 0.59 -1.16	32.40 0.52 -1.13	30.91 0.47 -1.14
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.82 1.06 0.00	26.85 0.98 0.00	24.99 0.91 0.00	23.66 0.84 0.00	23.26 0.81 0.00	28.18 1.01 0.00	35.00 1.35 0.00	35.88 1.35 0.00	30.60 1.01 0.00	25.47 0.69 0.00	25.62 0.70 0.00	25.50 0.69 0.00	25.86 0.75 0.00	28.24 0.88 0.00	30.30 0.97 0.00	32.92 1.10 0.44	38.48 1.37 0.00	47.71 1.83 0.00	48.64 1.96 0.00	47.58 2.05 0.00	42.97 2.01 0.00	36.16 1.59 0.00	32.14 1.38 0.00	30.56 1.26 0.00
VISCHER___FERRY HYD 24020	28.77 1.00 0.00	26.82 0.96 0.00	24.94 0.87 0.00	23.66 0.84 0.00	23.26 0.81 0.00	28.10 0.92 0.00	34.73 1.08 0.00	35.71 1.17 0.00	29.77 0.83 0.66	25.14 0.64 0.28	25.50 0.57 0.00	25.33 0.52 0.00	25.59 0.48 0.00	27.63 0.55 0.28	29.58 0.73 0.48	31.62 0.81 1.45	37.32 1.15 0.94	46.47 1.65 1.05	47.89 1.77 0.57	47.03 1.64 0.14	42.61 1.64 0.00	35.92 1.35 0.00	31.92 1.17 0.00	30.21 0.91 0.00
V_A_10_SYNC_DSASP 323832	27.60 -0.17 0.00	25.94 0.08 0.00	24.05 -0.02 0.00	22.82 0.00 0.00	22.45 0.00 0.00	27.47 0.30 0.00	33.25 -0.40 0.00	33.67 -0.86 0.00	28.83 -0.77 0.00	24.04 -0.74 0.00	24.25 -0.67 0.00	24.24 -0.57 0.00	24.63 -0.48 0.00	26.82 -0.55 0.00	28.68 -0.65 0.00	30.65 -0.81 0.80	36.11 -1.00 0.00	44.27 -1.61 0.00	45.09 -1.59 0.00	44.12 -1.41 0.00	40.11 -0.86 0.00	33.74 -0.83 0.00	30.35 -0.40 0.00	29.36 0.06 0.00
V_CMM_10_SYNC_DSASP 323787	20.95 -0.11 6.71	18.58 -0.10 7.18	17.47 -0.07 6.54	16.15 -0.07 6.60	14.35 -0.04 8.05	18.16 -0.08 8.93	24.82 -0.10 8.73	24.53 -0.14 9.86	22.32 0.03 7.31	23.65 0.05 1.18	23.79 0.02 1.16	23.21 0.02 1.62	22.72 -0.03 2.36	25.73 -0.05 1.58	27.97 -0.03 1.33	31.05 -0.16 1.05	37.02 -0.07 0.01	45.32 -0.09 0.46	41.91 -0.14 4.63	40.53 -0.09 4.91	30.69 -0.33 9.95	26.92 -0.17 7.48	23.33 -0.15 7.27	21.82 -0.12 7.36
V_CMP_10_SYNC_DSASP 323788	31.81 0.47 -3.57	30.07 0.39 -3.82	27.96 0.41 -3.48	26.76 0.43 -3.51	27.20 0.47 -4.28	32.50 0.57 -4.75	39.04 0.74 -4.64	40.61 0.83 -5.25	34.46 0.98 -3.89	26.30 0.89 -0.63	26.12 0.57 -0.62	26.24 0.57 -0.86	26.90 0.53 -1.26	28.67 0.46 -0.84	30.68 0.64 -0.71	33.46 0.64 -0.56	37.93 0.82 -0.01	47.17 1.06 -0.24	50.12 0.98 -2.46	49.09 0.96 -2.60	46.69 0.45 -5.27	39.40 0.86 -3.96	35.35 0.74 -3.85	33.87 0.67 -3.90
V_D_10_SYNC_DSASP 323841	93.51 0.08 -65.66	96.18 0.08 -70.23	88.10 0.07 -63.95	87.45 0.09 -64.54	101.35 0.09 -78.81	114.67 0.08 -87.42	119.22 0.10 -85.46	131.13 0.07 -96.52	101.32 0.21 -71.52	36.49 0.20 -11.51	36.48 0.18 -11.38	40.84 0.15 -15.88	48.37 0.13 -23.14	42.85 0.03 -15.46	42.49 0.18 -12.99	42.66 0.10 -10.31	37.26 0.04 -0.12	50.46 0.09 -4.49	92.10 0.14 -45.28	93.66 0.18 -47.95	138.12 -0.08 -97.23	107.66 0.03 -73.05	101.90 0.06 -71.09	101.32 0.06 -71.97
V_E_10_SYNC_DSASP 323830	29.71 1.94 0.00	27.70 1.84 0.00	25.67 1.59 0.00	24.37 1.55 0.00	23.95 1.50 0.00	29.10 1.93 0.00	36.29 2.63 0.00	37.09 2.56 0.00	31.37 1.78 0.00	25.80 1.02 0.00	25.85 0.92 0.00	25.63 0.82 0.00	26.04 0.93 0.00	28.46 1.10 0.00	30.50 1.17 0.00	33.32 1.39 0.33	39.15 2.04 0.00	48.95 3.07 0.00	50.27 3.59 0.00	49.40 3.87 0.00	44.61 3.64 0.00	37.37 2.80 0.00	33.22 2.46 0.00	31.50 2.20 0.00



V_F_30_NSYNC___DSASP 323816	29.32 1.55 0.00	27.31 1.45 0.00	25.45 1.37 0.00	24.14 1.32 0.00	23.73 1.28 0.00	28.72 1.55 0.00	35.41 1.75 0.00	36.40 1.86 0.00	30.28 1.21 0.53	25.32 0.77 0.23	25.55 0.62 0.00	25.38 0.57 0.00	25.56 0.45 0.00	27.69 0.55 0.22	29.71 0.76 0.39	31.86 0.94 1.34	37.80 1.45 0.75	47.46 2.43 0.85	49.03 2.80 0.45	48.20 2.78 0.11	43.55 2.58 0.00	36.64 2.07 0.00	32.57 1.81 0.00	30.85 1.55 0.00
V_F_30_SYNC_DSASP 323786	28.30 0.53 0.00	26.35 0.49 0.00	24.54 0.46 0.00	23.27 0.46 0.00	22.88 0.43 0.00	27.63 0.46 0.00	34.16 0.50 0.00	35.12 0.59 0.00	29.54 0.36 0.41	24.88 0.27 0.17	25.15 0.22 0.00	25.01 0.20 0.00	25.31 0.20 0.00	27.38 0.19 0.17	29.35 0.32 0.30	31.34 0.29 1.21	36.94 0.41 0.58	45.95 0.73 0.65	47.12 0.79 0.35	46.13 0.68 0.09	41.70 0.74 0.00	35.19 0.62 0.00	31.22 0.46 0.00	29.82 0.53 0.00
V_XM_10_SYNC_DSASP 323789	31.81 0.47 -3.57	30.07 0.39 -3.82	27.96 0.41 -3.48	26.76 0.43 -3.51	27.20 0.47 -4.28	32.50 0.57 -4.75	39.04 0.74 -4.64	40.61 0.83 -5.25	34.46 0.98 -3.89	26.30 0.89 -0.63	26.12 0.57 -0.62	26.24 0.57 -0.86	26.90 0.53 -1.26	28.67 0.46 -0.84	30.68 0.64 -0.71	33.46 0.64 -0.56	37.93 0.82 -0.01	47.17 1.06 -0.24	50.12 0.98 -2.46	49.09 0.96 -2.60	46.69 0.45 -5.27	39.40 0.86 -3.96	35.35 0.74 -3.85	33.87 0.67 -3.90
W.BABYLN_69_KV_BK1 56697	29.91 2.14 0.00	27.57 1.71 0.00	25.64 1.57 0.00	24.09 1.28 0.00	23.68 1.23 0.00	28.83 1.66 0.00	36.01 2.36 0.00	37.33 2.80 0.00	32.22 2.10 -0.52	26.99 1.98 -0.22	27.38 2.44 -0.01	27.30 2.48 -0.01	27.53 2.41 -0.01	30.20 2.60 -0.23	32.71 2.99 -0.39	37.05 3.29 -1.50	41.69 3.82 -0.75	50.84 4.13 -0.83	51.28 4.15 -0.45	49.28 3.64 -0.11	44.57 3.61 0.00	39.05 3.39 -1.09	33.62 2.86 -0.01	31.64 2.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.91 1.14 0.00	26.87 1.01 0.00	25.09 1.01 0.00	23.71 0.89 0.00	23.35 0.90 0.00	28.23 1.06 0.00	35.11 1.45 0.00	36.16 1.62 0.00	31.47 1.39 -0.49	26.33 1.34 -0.21	26.39 1.47 0.00	26.30 1.49 0.00	26.67 1.56 0.00	29.27 1.70 -0.21	31.68 1.99 -0.36	34.13 2.10 0.23	40.29 2.49 -0.70	49.41 2.75 -0.78	49.76 2.66 -0.42	48.00 2.37 -0.10	43.30 2.34 0.00	36.54 1.97 0.00	32.41 1.66 0.00	30.76 1.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.07 1.31 0.00	27.00 1.14 0.00	25.26 1.18 0.00	23.87 1.05 0.00	23.50 1.06 0.00	28.42 1.25 0.00	35.34 1.68 0.00	36.43 1.90 0.00	31.77 1.66 -0.52	26.61 1.61 -0.22	26.69 1.77 0.00	26.65 1.84 0.00	26.99 1.88 0.00	29.64 2.05 -0.22	32.12 2.41 -0.38	34.59 2.55 0.22	40.86 3.01 -0.74	49.87 3.17 -0.83	50.16 3.03 -0.45	48.28 2.64 -0.11	43.59 2.62 0.00	36.78 2.21 0.00	32.63 1.88 0.00	30.94 1.64 0.00
W50THST__13_KV_LOAD 356117	29.21 1.44 0.00	27.13 1.27 0.00	25.38 1.30 0.00	23.98 1.16 0.00	23.62 1.17 0.00	28.56 1.39 0.00	35.54 1.88 0.00	36.64 2.11 0.00	31.98 1.86 -0.52	26.79 1.78 -0.22	26.87 1.94 0.00	26.79 1.98 0.00	27.17 2.06 0.00	29.83 2.24 -0.22	32.32 2.61 -0.38	34.85 2.81 0.22	41.16 3.30 -0.74	50.24 3.53 -0.83	50.49 3.36 -0.45	48.60 2.96 -0.11	43.88 2.91 0.00	36.96 2.39 0.00	32.78 2.03 0.00	31.11 1.82 0.00
WADING RIVER_IC_1 23522	29.46 1.69 0.00	27.13 1.27 0.00	25.21 1.13 0.00	23.66 0.84 0.00	23.23 0.79 0.00	28.29 1.11 0.00	35.31 1.65 0.00	36.64 2.11 0.00	31.48 1.36 -0.52	26.41 1.41 -0.22	26.93 1.99 -0.01	26.90 2.08 -0.01	27.05 1.93 -0.01	29.67 2.08 -0.23	32.21 2.49 -0.39	36.37 2.77 -1.34	41.24 3.38 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.09 3.11 -0.01	38.56 3.01 -0.99	33.16 2.40 -0.01	30.94 1.64 0.00
WADING RIVER_IC_2 23547	29.46 1.69 0.00	27.13 1.27 0.00	25.21 1.13 0.00	23.66 0.84 0.00	23.23 0.79 0.00	28.29 1.11 0.00	35.31 1.65 0.00	36.64 2.11 0.00	31.48 1.36 -0.52	26.41 1.41 -0.22	26.93 1.99 -0.01	26.90 2.08 -0.01	27.05 1.93 -0.01	29.67 2.08 -0.23	32.21 2.49 -0.39	36.37 2.77 -1.34	41.24 3.38 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.09 3.11 -0.01	38.56 3.01 -0.99	33.16 2.40 -0.01	30.94 1.64 0.00
WADING RIVER_IC_3 23601	29.46 1.69 0.00	27.13 1.27 0.00	25.21 1.13 0.00	23.66 0.84 0.00	23.23 0.79 0.00	28.29 1.11 0.00	35.31 1.65 0.00	36.64 2.11 0.00	31.48 1.36 -0.52	26.41 1.41 -0.22	26.93 1.99 -0.01	26.90 2.08 -0.01	27.05 1.93 -0.01	29.67 2.08 -0.23	32.21 2.49 -0.39	36.37 2.77 -1.34	41.24 3.38 -0.75	50.24 3.53 -0.83	50.68 3.55 -0.46	48.69 3.05 -0.11	44.09 3.11 -0.01	38.56 3.01 -0.99	33.16 2.40 -0.01	30.94 1.64 0.00
WALDENNY_12_KV_BK2 80841	27.82 0.06 0.00	26.17 0.31 0.00	24.27 0.19 0.00	23.00 0.18 0.00	22.65 0.20 0.00	27.72 0.54 0.00	33.59 -0.07 0.00	34.05 -0.48 0.00	29.09 -0.50 0.00	24.24 -0.55 0.00	24.47 -0.45 0.00	24.51 -0.30 0.00	24.91 -0.20 0.00	27.12 -0.25 0.00	29.04 -0.29 0.00	31.11 -0.45 0.70	36.44 -0.67 0.00	44.73 -1.15 0.00	45.56 -1.12 0.00	44.57 -0.96 0.00	40.43 -0.53 0.00	33.98 -0.59 0.00	30.63 -0.12 0.00	29.71 0.41 0.00
WALDEN___HYDRO 24148	28.77 1.00 0.00	26.72 0.85 0.00	24.95 0.87 0.00	23.57 0.75 0.00	23.23 0.79 0.00	28.07 0.90 0.00	34.87 1.21 0.00	35.88 1.35 0.00	31.14 1.12 -0.42	26.02 1.07 -0.18	26.10 1.17 0.00	26.00 1.19 0.00	26.37 1.26 0.00	28.91 1.37 -0.18	31.28 1.64 -0.31	33.68 1.71 0.29	39.75 2.04 -0.60	48.79 2.25 -0.67	49.23 2.19 -0.36	47.62 2.00 -0.09	42.93 1.97 0.00	36.26 1.69 0.00	32.17 1.41 0.00	30.59 1.29 0.00
WARRENSBURG____ 23737	29.85 2.08 0.00	27.83 1.97 0.00	25.96 1.88 0.00	24.62 1.80 0.00	24.22 1.77 0.00	29.35 2.17 0.00	36.05 2.39 0.00	37.09 2.56 0.00	30.69 1.63 0.53	25.49 0.94 0.23	25.62 0.70 0.00	25.40 0.60 0.00	25.59 0.48 0.00	27.71 0.57 0.23	29.73 0.79 0.39	31.98 1.06 1.34	38.06 1.71 0.76	48.23 3.21 0.85	49.96 3.73 0.46	49.20 3.78 0.11	44.37 3.40 0.00	37.23 2.66 0.00	33.06 2.31 0.00	31.52 2.23 0.00
WATERSIDE___6 8 9 23538	29.16 1.39 0.00	27.05 1.19 0.00	25.31 1.23 0.00	23.89 1.07 0.00	23.55 1.10 0.00	28.37 1.20 0.00	35.21 1.55 0.00	36.30 1.76 0.00	31.69 1.57 -0.52	26.59 1.59 -0.22	26.64 1.72 0.00	26.60 1.79 0.00	26.94 1.83 0.00	29.58 2.00 -0.22	32.06 2.35 -0.38	34.56 2.52 0.22	40.90 3.04 -0.74	49.83 3.12 -0.83	50.07 2.94 -0.45	48.14 2.50 -0.11	43.51 2.54 0.00	36.64 2.07 0.00	32.60 1.85 0.00	31.00 1.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.15 0.33 -1.05	27.32 0.34 -1.12	25.42 0.31 -1.02	24.12 0.27 -1.03	23.98 0.27 -1.26	28.90 0.33 -1.40	35.50 0.47 -1.37	36.53 0.45 -1.55	31.07 0.33 -1.14	25.21 0.25 -0.18	25.36 0.25 -0.18	25.29 0.22 -0.25	25.73 0.25 -0.37	27.89 0.27 -0.25	29.86 0.32 -0.21	32.81 0.39 -0.17	37.48 0.37 0.00	46.45 0.50 -0.07	47.91 0.51 -0.72	46.84 0.55 -0.76	43.04 0.53 -1.54	36.18 0.45 -1.16	32.25 0.37 -1.13	30.79 0.35 -1.14

WDELAWARE___HYD 323627	29.05 1.28 0.00	26.95 1.09 0.00	25.19 1.11 0.00	23.77 0.96 0.00	23.44 0.99 0.00	28.31 1.14 0.00	35.17 1.52 0.00	36.12 1.59 0.00	31.18 1.30 -0.28	25.99 1.09 -0.12	26.14 1.22 0.00	26.02 1.22 0.00	26.42 1.30 0.00	28.91 1.42 -0.12	31.26 1.73 -0.20	33.75 1.87 0.38	39.77 2.26 -0.40	49.03 2.71 -0.45	49.63 2.71 -0.24	48.18 2.59 -0.06	43.42 2.46 0.00	36.75 2.18 0.00	32.51 1.75 0.00	30.70 1.41 0.00
WEST BABYLON___IC 23714	29.91 2.14 0.00	27.57 1.71 0.00	25.64 1.57 0.00	24.09 1.28 0.00	23.68 1.23 0.00	28.83 1.66 0.00	36.01 2.36 0.00	37.33 2.80 0.00	32.22 2.10 -0.52	26.99 1.98 -0.22	27.38 2.44 -0.01	27.30 2.48 -0.01	27.53 2.41 -0.01	30.20 2.60 -0.23	32.71 2.99 -0.39	37.05 3.29 -1.50	41.69 3.82 -0.75	50.84 4.13 -0.83	51.28 4.15 -0.45	49.28 3.64 -0.11	44.57 3.61 0.00	39.05 3.39 -1.09	33.62 2.86 -0.01	31.64 2.34 0.00
WEST CANADA___HYD 24049	28.99 0.17 -1.05	27.17 0.18 -1.12	25.25 0.15 -1.02	23.99 0.14 -1.03	23.85 0.14 -1.26	28.74 0.16 -1.40	35.23 0.20 -1.37	36.32 0.24 -1.55	30.89 0.15 -1.14	25.09 0.12 -0.18	25.23 0.13 -0.18	25.19 0.12 -0.25	25.61 0.13 -0.37	27.75 0.14 -0.25	29.72 0.18 -0.21	32.65 0.23 -0.17	37.30 0.19 0.00	46.18 0.23 -0.07	47.68 0.28 -0.72	46.52 0.23 -0.76	42.80 0.29 -1.54	35.94 0.21 -1.16	32.06 0.19 -1.13	30.58 0.15 -1.14
WESTERN_NY_WIND 24143	28.38 0.61 0.00	26.72 0.85 0.00	24.73 0.65 0.00	23.46 0.64 0.00	23.03 0.58 0.00	28.10 0.92 0.00	34.13 0.47 0.00	34.64 0.10 0.00	29.60 0.00 0.00	24.51 -0.27 0.00	24.67 -0.25 0.00	24.69 -0.12 0.00	25.11 0.00 0.00	27.36 0.00 0.00	29.30 -0.03 0.00	31.43 -0.06 0.76	36.92 -0.19 0.00	45.51 -0.37 0.00	46.40 -0.28 0.00	45.53 0.00 0.00	41.34 0.37 0.00	34.67 0.10 0.00	31.18 0.43 0.00	30.09 0.79 0.00
WESTOVER___LESR 323668	27.96 0.19 0.00	26.10 0.23 0.00	24.25 0.17 0.00	22.98 0.16 0.00	22.63 0.18 0.00	27.50 0.33 0.00	33.96 0.30 0.00	34.74 0.21 0.00	29.68 0.09 0.00	24.78 0.00 0.00	24.92 0.00 0.00	24.83 0.02 0.00	25.19 0.08 0.00	27.47 0.11 0.00	29.42 0.09 0.00	32.03 0.10 0.33	37.30 0.19 0.00	46.10 0.23 0.00	46.96 0.28 0.00	45.85 0.32 0.00	41.42 0.45 0.00	34.88 0.31 0.00	31.12 0.37 0.00	29.71 0.41 0.00
WETHRSFD_WT_PWR 323626	27.85 0.08 0.00	26.07 0.21 0.00	24.20 0.12 0.00	23.00 0.18 0.00	22.67 0.22 0.00	27.63 0.46 0.00	33.76 0.10 0.00	34.19 -0.35 0.00	29.03 -0.56 0.00	24.16 -0.62 0.00	24.35 -0.57 0.00	24.36 -0.45 0.00	24.76 -0.35 0.00	27.01 -0.36 0.00	28.83 -0.50 0.00	30.69 -0.84 0.74	36.37 -0.74 0.00	44.82 -1.05 0.00	45.79 -0.89 0.00	44.85 -0.68 0.00	40.68 -0.28 0.00	34.19 -0.38 0.00	30.75 0.00 0.00	29.79 0.50 0.00
WHAVSTOR_138KV_BK127 55557	28.80 1.03 0.00	26.77 0.91 0.00	24.99 0.91 0.00	23.61 0.80 0.00	23.26 0.81 0.00	28.12 0.95 0.00	34.94 1.28 0.00	36.02 1.48 0.00	31.36 1.27 -0.49	26.23 1.24 -0.21	26.32 1.40 0.00	26.22 1.41 0.00	26.57 1.46 0.00	29.16 1.59 -0.21	31.56 1.88 -0.36	34.00 1.97 0.23	40.15 2.34 -0.70	49.18 2.52 -0.78	49.48 2.38 -0.42	47.73 2.09 -0.10	43.06 2.09 0.00	36.37 1.80 0.00	32.23 1.48 0.00	30.62 1.32 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.80 1.03 0.00	26.77 0.91 0.00	24.99 0.91 0.00	23.61 0.80 0.00	23.26 0.81 0.00	28.12 0.95 0.00	34.94 1.28 0.00	36.02 1.48 0.00	31.36 1.27 -0.49	26.23 1.24 -0.21	26.32 1.40 0.00	26.22 1.41 0.00	26.57 1.46 0.00	29.16 1.59 -0.21	31.56 1.88 -0.36	34.00 1.97 0.23	40.15 2.34 -0.70	49.18 2.52 -0.78	49.48 2.38 -0.42	47.73 2.09 -0.10	43.06 2.09 0.00	36.37 1.80 0.00	32.23 1.48 0.00	30.62 1.32 0.00
WHITEHAL_115KV_TB1 80871	30.27 2.50 0.00	28.22 2.35 0.00	26.29 2.22 0.00	24.96 2.14 0.00	24.56 2.11 0.00	29.81 2.64 0.00	36.59 2.93 0.00	37.64 3.11 0.00	31.01 1.95 0.54	25.69 1.14 0.23	25.77 0.85 0.00	25.53 0.72 0.00	25.69 0.58 0.00	27.82 0.68 0.23	29.87 0.94 0.39	32.23 1.32 1.35	38.38 2.04 0.77	48.91 3.90 0.86	50.84 4.62 0.46	50.06 4.64 0.11	45.15 4.18 0.00	37.82 3.25 0.00	33.58 2.83 0.00	31.99 2.70 0.00
WHITEPLN_13_KV_LOAD 356215	29.13 1.36 0.00	27.08 1.22 0.00	25.28 1.20 0.00	23.87 1.05 0.00	23.53 1.08 0.00	28.42 1.25 0.00	35.41 1.75 0.00	36.50 1.97 0.00	31.92 1.81 -0.52	26.74 1.73 -0.22	26.82 1.89 0.00	26.74 1.94 0.00	27.07 1.96 0.00	29.72 2.13 -0.22	32.23 2.52 -0.38	34.68 2.65 0.22	40.97 3.12 -0.74	50.10 3.39 -0.83	50.39 3.27 -0.45	48.55 2.91 -0.11	43.75 2.79 0.00	36.85 2.28 0.00	32.66 1.91 0.00	31.00 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	29.82 2.05 0.00	27.49 1.63 0.00	25.52 1.44 0.00	23.96 1.14 0.00	23.53 1.08 0.00	28.67 1.49 0.00	35.81 2.15 0.00	37.09 2.56 0.00	31.92 1.81 -0.52	26.76 1.76 -0.22	27.23 2.29 -0.01	27.17 2.36 -0.01	27.36 2.23 -0.01	30.00 2.41 -0.23	32.51 2.79 -0.39	36.70 3.10 -1.34	41.54 3.67 -0.75	50.70 3.99 -0.83	51.20 4.06 -0.46	49.19 3.55 -0.11	44.54 3.56 -0.01	38.95 3.39 -0.99	33.53 2.77 -0.01	31.55 2.26 0.00
WOODARD___115KV_TB2 355635	28.88 -0.31 -1.42	27.12 -0.26 -1.52	25.17 -0.29 -1.38	23.94 -0.27 -1.40	23.88 -0.27 -1.70	28.82 -0.24 -1.89	35.17 -0.34 -1.85	36.24 -0.38 -2.09	30.73 -0.41 -1.55	24.61 -0.42 -0.25	24.75 -0.42 -0.25	24.76 -0.40 -0.34	25.24 -0.38 -0.50	27.34 -0.36 -0.33	29.05 -0.56 -0.28	31.91 -0.58 -0.24	36.63 -0.48 0.00	45.36 -0.60 -0.09	46.99 -0.56 -0.87	45.91 -0.55 -0.92	42.47 -0.37 -1.87	35.63 -0.35 -1.41	31.88 -0.25 -1.37	30.45 -0.23 -1.38
WOODMERE_69_KV_BK1 55827	29.68 1.92 0.00	27.42 1.55 0.00	25.52 1.44 0.00	24.03 1.21 0.00	23.62 1.17 0.00	28.69 1.52 0.00	35.81 2.15 0.00	37.09 2.56 0.00	32.13 2.01 -0.52	26.91 1.91 -0.22	27.16 2.22 -0.02	27.11 2.28 -0.01	27.41 2.29 -0.01	30.04 2.44 -0.24	32.54 2.82 -0.40	37.53 2.97 -2.30	41.39 3.53 -0.76	50.51 3.81 -0.83	50.91 3.78 -0.45	48.96 3.32 -0.11	44.24 3.28 0.00	39.03 2.87 -1.59	33.29 2.52 -0.01	31.47 2.17 0.00
YORK___WARBASSE 23770	29.27 1.50 0.00	27.16 1.29 0.00	25.38 1.30 0.00	23.93 1.12 0.00	23.57 1.12 0.00	28.37 1.20 0.00	35.24 1.58 0.00	36.30 1.76 0.00	31.66 1.54 -0.52	26.56 1.56 -0.22	26.62 1.69 0.00	26.57 1.76 0.00	26.94 1.83 0.00	29.61 2.03 -0.22	32.09 2.38 -0.38	34.62 2.58 0.22	41.05 3.19 -0.74	50.01 3.30 -0.83	50.26 3.13 -0.45	48.32 2.69 -0.11	43.59 2.62 0.00	36.71 2.14 0.00	32.69 1.94 0.00	31.08 1.79 0.00