

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/16/2023

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	32.50	27.92	25.88	25.44	24.65	24.31	22.79	23.82	25.27	28.51	29.29	32.22	34.51	34.96	35.16	39.17	44.55	52.69	48.37	39.42	38.08	36.75	32.06	29.96
24138	2.76	2.24	2.19	2.09	1.98	1.95	1.84	2.11	2.19	2.57	2.63	2.70	3.03	3.05	3.03	3.34	3.76	4.24	3.90	2.54	2.56	2.67	2.54	2.52
	0.26	0.02	0.18	0.20	-0.20	-0.19	0.00	0.00	0.00	-0.45	-0.15	-1.10	-0.21	-0.49	-0.23	-1.00	-1.61	-3.85	-1.16	0.00	0.00	-1.95	0.00	0.00
74TH STREET_GT_1	32.54	27.97	25.92	25.46	24.68	24.34	22.81	23.84	25.30	28.52	29.29	32.24	34.51	34.99	35.16	39.24	44.55	52.64	48.42	39.61	38.11	36.78	32.15	29.99
24260	2.79	2.29	2.24	2.12	2.00	1.97	1.86	2.13	2.22	2.57	2.63	2.73	3.03	3.08	3.03	3.41	3.76	4.19	3.94	2.73	2.59	2.70	2.63	2.55
	0.26	0.02	0.18	0.20	-0.20	-0.19	0.00	0.00	0.00	-0.45	-0.15	-1.10	-0.21	-0.49	-0.23	-1.00	-1.61	-3.85	-1.16	0.00	0.00	-1.95	0.00	0.00
74TH STREET_GT_2	32.54	27.97	25.92	25.46	24.68	24.34	22.81	23.84	25.30	28.52	29.29	32.24	34.51	34.99	35.16	39.24	44.55	52.64	48.42	39.61	38.11	36.78	32.15	29.99
24261	2.79	2.29	2.24	2.12	2.00	1.97	1.86	2.13	2.22	2.57	2.63	2.73	3.03	3.08	3.03	3.41	3.76	4.19	3.94	2.73	2.59	2.70	2.63	2.55
	0.26	0.02	0.18	0.20	-0.20	-0.19	0.00	0.00	0.00	-0.45	-0.15	-1.10	-0.21	-0.49	-0.23	-1.00	-1.61	-3.85	-1.16	0.00	0.00	-1.95	0.00	0.00
ADK HUDSON___FALLS	31.88	27.48	25.33	24.99	24.38	24.00	22.43	23.19	24.77	29.61	29.44	35.84	34.89	36.22	35.58	42.18	49.43	65.34	51.91	39.83	38.40	40.96	31.77	29.33
24011	2.16	1.80	1.67	1.67	1.62	1.57	1.49	1.48	1.68	2.06	2.25	2.39	2.66	2.54	2.62	2.79	3.09	3.61	3.42	2.95	2.88	2.60	2.24	1.89
	0.29	0.02	0.20	0.22	-0.30	-0.25	0.00	0.00	0.00	-2.06	-0.67	-5.04	-0.97	-2.26	-1.07	-4.58	-7.16	-17.13	-5.17	0.00	0.00	-6.23	0.00	0.00
ADK RESOURCE___RCVRY	32.12	27.63	25.47	25.13	24.52	24.13	22.58	23.34	24.93	29.85	29.71	36.14	35.21	36.51	35.90	42.48	49.82	65.86	52.36	40.12	38.75	41.31	32.00	29.52
23798	2.40	1.95	1.81	1.81	1.75	1.71	1.63	1.63	1.85	2.30	2.52	2.67	2.97	2.83	2.93	3.06	3.45	4.06	3.85	3.25	3.23	2.92	2.48	2.08
	0.29	0.02	0.20	0.22	-0.30	-0.25	0.00	0.00	0.00	-2.07	-0.67	-5.06	-0.97	-2.27	-1.07	-4.59	-7.19	-17.20	-5.19	0.00	0.00	-6.25	0.00	0.00
ADK S GLENS___FALLS	31.88	27.48	25.33	24.99	24.38	24.00	22.43	23.19	24.77	29.61	29.44	35.84	34.89	36.22	35.58	42.18	49.43	65.34	51.91	39.83	38.40	40.96	31.77	29.33
24028	2.16	1.80	1.67	1.67	1.62	1.57	1.49	1.48	1.68	2.06	2.25	2.39	2.66	2.54	2.62	2.79	3.09	3.61	3.42	2.95	2.88	2.60	2.24	1.89
	0.29	0.02	0.20	0.22	-0.30	-0.25	0.00	0.00	0.00	-2.06	-0.67	-5.04	-0.97	-2.26	-1.07	-4.58	-7.16	-17.13	-5.17	0.00	0.00	-6.23	0.00	0.00
ADK_NYS___DAM	31.76	27.43	25.36	25.00	24.34	23.99	22.43	23.23	24.72	28.95	28.92	34.38	34.27	35.46	35.02	40.88	47.45	60.93	50.24	39.16	37.76	39.25	31.41	29.30
23527	2.04	1.75	1.69	1.67	1.60	1.57	1.49	1.52	1.64	1.86	1.88	2.05	2.25	2.29	2.30	2.51	2.70	2.99	2.90	2.29	2.24	2.12	1.89	1.87
	0.29	0.02	0.20	0.22	-0.28	-0.24	0.00	0.00	0.00	-1.60	-0.52	-3.92	-0.75	-1.76	-0.83	-3.56	-5.58	-13.34	-4.03	0.00	0.00	-5.00	0.00	0.00
AIR_PRODUCTS___DRP	30.69	26.48	24.48	24.15	23.53	23.19	21.68	22.43	23.82	27.68	27.87	32.59	32.97	33.94	33.69	38.89	44.97	56.84	47.85	37.87	36.44	37.29	30.38	28.26
24190	0.96	0.80	0.81	0.82	0.79	0.78	0.73	0.72	0.74	0.89	0.93	0.99	1.09	1.10	1.12	1.18	1.25	1.38	1.26	1.00	0.92	0.96	0.86	0.82
	0.28	0.02	0.20	0.22	-0.27	-0.24	0.00	0.00	0.00	-1.30	-0.42	-3.18	-0.61	-1.43	-0.68	-2.89	-4.54	-10.86	-3.28	0.00	0.00	-4.19	0.00	0.00
AKWESSNE_115KV_BK	29.32	25.23	23.30	23.00	22.07	21.78	20.57	21.30	22.69	24.85	25.95	27.56	30.61	30.68	31.22	33.91	37.94	42.44	42.31	36.40	34.99	31.62	28.96	26.86
355683	-0.57	-0.46	-0.48	-0.45	-0.40	-0.40	-0.38	-0.41	-0.39	-0.51	-0.53	-0.54	-0.59	-0.60	-0.61	-0.63	-0.63	-0.71	-0.56	-0.48	-0.53	-0.51	-0.56	-0.58
	0.12	0.01	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.13	0.04	0.31	0.06	0.14	0.07	0.29	0.60	1.44	0.44	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.69	26.48	24.48	24.15	23.53	23.19	21.68	22.43	23.82	27.68	27.87	32.59	32.97	33.94	33.69	38.89	44.97	56.84	47.85	37.87	36.44	37.29	30.38	28.26
23571	0.96	0.80	0.81	0.82	0.79	0.78	0.73	0.72	0.74	0.89	0.93	0.99	1.09	1.10	1.12	1.18	1.25	1.38	1.26	1.00	0.92	0.96	0.86	0.82
	0.28	0.02	0.20	0.22	-0.27	-0.24	0.00	0.00	0.00	-1.30	-0.42	-3.18	-0.61	-1.43	-0.68	-2.89	-4.54	-10.86	-3.28	0.00	0.00	-4.19	0.00	0.00
ALBANY___2	30.69	26.48	24.48	24.15	23.53	23.19	21.68	22.43	23.82	27.68	27.87	32.59	32.97	33.94	33.69	38.89	44.97	56.84	47.85	37.87	36.44	37.29	30.38	28.26
23572	0.96	0.80	0.81	0.82	0.79	0.78	0.73	0.72	0.74	0.89	0.93	0.99	1.09	1.10	1.12	1.18	1.25	1.38	1.26	1.00	0.92	0.96	0.86	0.82
	0.28	0.02	0.20	0.22	-0.27	-0.24	0.00	0.00	0.00	-1.30	-0.42	-3.18	-0.61	-1.43	-0.68	-2.89	-4.54	-10.86	-3.28	0.00	0.00	-4.19	0.00	0.00
ALBANY___3	30.69	26.48	24.48	24.15	23.53	23.19	21.68	22.43	23.82	27.68	27.87	32.59	32.97	33.94	33.69	38.89	44.97	56.84	47.85	37.87	36.44	37.29	30.38	28.26
23573	0.96	0.80	0.81	0.82	0.79	0.78	0.73	0.72	0.74	0.89	0.93	0.99	1.09	1.10	1.12	1.18	1.25	1.38	1.26	1.00	0.92	0.96	0.86	0.82
	0.28	0.02	0.20	0.22	-0.27	-0.24	0.00	0.00	0.00	-1.30	-0.42	-3.18	-0.61	-1.43	-0.68	-2.89	-4.54	-10.86	-3.28	0.00	0.00	-4.19	0.00	0.00

ALBANY___4 23574	30.69 0.96 0.28	26.48 0.80 0.02	24.48 0.81 0.20	24.15 0.82 0.22	23.53 0.79 -0.27	23.19 0.78 -0.24	21.68 0.73 0.00	22.43 0.72 0.00	23.82 0.74 0.00	27.68 0.89 -1.30	27.87 0.93 -0.42	32.59 0.99 -3.18	32.97 1.09 -0.61	33.94 1.10 -1.43	33.69 1.12 -0.68	38.89 1.18 -2.89	44.97 1.25 -4.54	56.84 1.38 -10.86	47.85 1.26 -3.28	37.87 1.00 0.00	36.44 0.92 0.00	37.29 0.96 -4.19	30.38 0.86 0.00	28.26 0.82 0.00
ALBANY___LFGE 323615	31.01 1.29 0.29	26.76 1.08 0.02	24.74 1.07 0.20	24.41 1.08 0.22	23.78 1.03 -0.28	23.44 1.02 -0.24	21.89 0.94 0.00	22.65 0.93 0.00	24.07 0.99 0.00	28.21 1.20 -1.52	28.28 1.27 -0.49	33.51 1.36 -3.74	33.48 1.50 -0.72	34.60 1.51 -1.67	34.22 1.53 -0.79	39.85 1.64 -3.39	46.26 1.76 -5.32	59.29 1.96 -12.73	48.97 1.82 -3.84	38.24 1.37 0.00	36.91 1.38 0.00	38.28 1.35 -4.80	30.73 1.21 0.00	28.59 1.15 0.00
ALCOA_PA_115KV_PL-6C 55860	29.37 -0.51 0.13	25.31 -0.39 0.01	23.35 -0.43 0.09	23.05 -0.40 0.10	22.09 -0.38 0.00	21.81 -0.38 0.00	20.59 -0.36 0.00	21.32 -0.39 0.00	22.73 -0.35 0.00	24.86 -0.48 0.14	25.97 -0.50 0.05	27.58 -0.48 0.35	30.67 -0.53 0.07	30.73 -0.53 0.16	31.28 -0.54 0.07	33.95 -0.56 0.31	37.99 -0.55 0.64	42.45 -0.62 1.53	42.42 -0.43 0.46	36.54 -0.33 0.00	35.09 -0.43 0.00	31.68 -0.45 0.00	29.02 -0.50 0.00	26.89 -0.55 0.00
ALCOA_RYNLDS___DRP 24188	29.37 -0.51 0.13	25.31 -0.39 0.01	23.35 -0.43 0.09	23.05 -0.40 0.10	22.09 -0.38 0.00	21.81 -0.38 0.00	20.59 -0.36 0.00	21.32 -0.39 0.00	22.73 -0.35 0.00	24.86 -0.48 0.14	25.97 -0.50 0.05	27.58 -0.48 0.35	30.67 -0.53 0.07	30.73 -0.53 0.16	31.28 -0.54 0.07	33.95 -0.56 0.31	37.99 -0.55 0.64	42.45 -0.62 1.53	42.42 -0.43 0.46	36.54 -0.33 0.00	35.09 -0.43 0.00	31.68 -0.45 0.00	29.02 -0.50 0.00	26.89 -0.55 0.00
ALCOA___DSASP 323711	29.37 -0.51 0.13	25.28 -0.41 0.01	23.35 -0.43 0.09	23.05 -0.40 0.10	22.09 -0.38 0.00	21.81 -0.38 0.00	20.59 -0.36 0.00	21.32 -0.39 0.00	22.74 -0.35 0.00	24.86 -0.49 0.14	25.97 -0.50 0.05	27.58 -0.48 0.35	30.67 -0.53 0.07	30.73 -0.53 0.16	31.28 -0.54 0.07	33.95 -0.56 0.31	37.99 -0.55 0.64	42.45 -0.62 1.53	42.42 -0.43 0.46	36.51 -0.37 0.00	35.10 -0.42 0.00	31.68 -0.45 0.00	29.02 -0.50 0.00	26.89 -0.55 0.00
ALLEGHENY___COGEN 23514	31.14 1.50 0.37	27.19 1.52 0.03	24.65 1.05 0.26	24.25 0.99 0.28	23.27 0.76 -0.03	22.90 0.69 -0.04	21.59 0.65 0.00	21.82 0.11 0.00	22.71 -0.37 0.00	24.42 -0.66 0.40	25.49 -0.90 0.13	26.54 -0.88 0.99	30.17 -0.91 0.19	30.00 -0.97 0.44	30.98 -0.70 0.21	33.02 -0.91 0.90	37.18 -0.70 1.30	41.59 0.09 3.10	43.15 0.78 0.94	39.53 2.66 0.00	37.65 2.13 0.00	34.12 1.67 -0.32	31.35 1.83 0.00	28.89 1.45 0.00
ALTAMONT_115KV_TB 2 55880	31.02 1.29 0.28	26.76 1.08 0.02	24.72 1.05 0.20	24.39 1.06 0.22	23.75 1.01 -0.27	23.41 1.00 -0.24	21.87 0.92 0.00	22.65 0.93 0.00	24.05 0.97 0.00	27.75 1.12 -1.14	28.05 1.17 -0.37	32.45 1.25 -2.79	33.18 1.38 -0.54	34.05 1.38 -1.25	33.89 1.40 -0.59	38.85 1.50 -2.53	44.81 1.65 -3.99	55.97 1.83 -9.54	47.92 1.73 -2.88	38.28 1.40 0.00	36.84 1.31 0.00	37.18 1.29 -3.77	30.70 1.18 0.00	28.56 1.12 0.00
ALTONA_WT_PWR 323606	29.86 -0.03 0.12	25.64 -0.05 0.01	23.64 -0.14 0.09	23.31 -0.14 0.09	22.34 -0.13 0.00	22.09 -0.09 0.00	20.90 -0.04 0.00	21.69 -0.02 0.00	23.08 0.00 0.00	25.23 -0.13 0.13	26.32 -0.16 0.04	27.98 -0.11 0.32	31.08 -0.12 0.06	31.05 -0.22 0.14	31.60 -0.22 0.07	34.46 -0.07 0.29	38.68 0.12 0.61	43.32 0.18 1.46	43.35 0.48 0.44	37.21 0.33 0.00	35.66 0.14 0.00	32.04 -0.10 0.00	29.17 -0.35 0.00	26.97 -0.47 0.00
AMERICAN_REF_FUEL 24010	28.51 -1.11 0.39	25.08 -0.59 0.03	22.76 -0.84 0.27	22.33 -0.92 0.30	21.40 -1.10 -0.03	21.10 -1.11 -0.04	20.23 -0.71 0.00	20.65 -1.06 0.00	21.95 -1.13 0.00	23.89 -1.17 0.42	25.11 -1.27 0.14	26.18 -1.19 1.04	29.78 -1.28 0.20	29.41 -1.54 0.47	30.21 -1.47 0.22	32.00 -1.88 0.94	35.66 -2.15 1.36	38.80 -2.54 3.26	39.55 -2.77 0.98	36.14 -0.74 0.00	33.96 -1.56 0.00	30.87 -1.54 -0.28	28.78 -0.74 0.00	26.59 -0.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.69 0.06 0.38	26.16 0.49 0.03	23.46 -0.14 0.26	23.00 -0.26 0.29	22.28 -0.22 -0.04	22.02 -0.20 -0.04	21.05 0.11 0.00	21.71 0.00 0.00	23.10 0.02 0.00	25.34 0.25 0.40	26.63 0.24 0.13	27.82 0.40 0.99	31.51 0.44 0.19	31.03 0.06 0.44	31.81 0.13 0.21	33.64 -0.28 0.90	37.53 -0.35 1.29	41.24 -0.27 3.09	41.64 -0.74 0.93	37.76 0.88 0.00	35.66 0.14 0.00	32.45 0.00 -0.32	29.97 0.44 0.00	27.60 0.17 0.00
ARTHUR_KILL_GT_1 23520	32.42 2.67 0.26	27.69 2.01 0.02	25.71 2.03 0.18	25.19 1.86 0.21	24.44 1.77 -0.20	24.09 1.73 -0.18	22.55 1.61 0.01	23.64 1.93 0.01	25.06 1.99 0.01	28.30 2.37 -0.44	29.07 2.41 -0.14	32.04 2.53 -1.10	34.31 2.84 -0.20	34.82 2.92 -0.49	35.02 2.90 -0.23	39.19 3.38 -0.99	44.23 3.45 -1.60	52.19 3.75 -3.84	48.10 3.64 -1.15	38.97 2.10 0.01	37.93 2.42 0.01	36.71 2.64 -1.94	31.96 2.45 0.01	29.81 2.39 0.01
ARTHUR_KILL_2 23512	32.29 2.55 0.26	27.61 1.93 0.02	25.64 1.96 0.18	25.12 1.79 0.21	24.37 1.71 -0.20	24.02 1.66 -0.18	22.49 1.55 0.01	23.55 1.84 0.01	24.99 1.91 0.01	28.23 2.30 -0.44	28.99 2.33 -0.14	31.95 2.44 -1.10	34.19 2.72 -0.20	34.70 2.79 -0.49	34.89 2.77 -0.23	39.05 3.24 -0.99	44.07 3.29 -1.60	51.97 3.52 -3.84	47.89 3.42 -1.15	38.82 1.95 0.01	37.79 2.28 0.01	36.58 2.51 -1.94	31.88 2.36 0.01	29.73 2.30 0.01
ARTHUR_KILL_3 23513	32.21 2.46 0.26	27.66 1.98 0.02	25.66 1.98 0.18	25.20 1.86 0.20	24.43 1.75 -0.20	24.09 1.73 -0.19	22.58 1.63 0.00	23.60 1.89 0.00	25.04 1.96 0.00	28.24 2.30 -0.45	29.00 2.33 -0.15	31.93 2.41 -1.10	34.10 2.63 -0.21	34.58 2.67 -0.49	34.71 2.58 -0.23	38.71 2.89 -1.00	43.96 3.17 -1.61	52.02 3.57 -3.85	47.76 3.29 -1.16	38.90 2.03 0.00	37.58 2.06 0.00	36.33 2.25 -1.95	31.80 2.27 0.00	29.71 2.28 0.00
ARTHUR_KILL_COGEN 323718	32.42 2.67 0.26	27.69 2.01 0.02	25.71 2.03 0.18	25.19 1.86 0.21	24.44 1.77 -0.20	24.09 1.73 -0.18	22.55 1.61 0.01	23.64 1.93 0.01	25.06 1.99 0.01	28.30 2.37 -0.44	29.07 2.41 -0.14	32.04 2.53 -1.10	34.31 2.84 -0.20	34.82 2.92 -0.49	35.02 2.90 -0.23	39.19 3.38 -0.99	44.23 3.45 -1.60	52.19 3.75 -3.84	48.10 3.64 -1.15	38.97 2.10 0.01	37.93 2.42 0.01	36.71 2.64 -1.94	31.96 2.45 0.01	29.81 2.39 0.01
ASHOKAN____ 23654	31.84 2.10 0.27	27.35 1.67 0.02	25.20 1.53 0.19	24.87 1.53 0.21	23.79 1.08 -0.24	23.63 1.24 -0.21	22.07 1.13 0.00	22.52 0.80 0.00	23.80 0.72 0.00	26.85 0.54 -0.82	27.34 0.56 -0.27	30.97 0.54 -2.01	32.12 0.47 -0.39	32.85 0.53 -0.90	32.80 0.48 -0.43	37.28 0.63 -1.83	42.81 0.74 -2.90	52.55 1.03 -6.92	46.48 1.08 -2.09	37.80 0.92 0.00	36.62 1.10 0.00	35.96 0.90 -2.93	30.85 1.33 0.00	28.64 1.21 0.00

ASTORIA_EAST_ENERGY_CC1 323581	32.48 2.73 0.25	27.90 2.21 0.01	25.88 2.19 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.46 2.52 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.49 3.00 -0.22	35.00 3.08 -0.50	35.13 3.00 -0.24	39.03 3.20 -1.01	44.32 3.53 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.13 2.25 0.00	37.97 2.45 0.00	36.76 2.67 -1.96	32.10 2.57 -0.01	30.00 2.55 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.48 2.73 0.25	27.90 2.21 0.01	25.88 2.19 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.46 2.52 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.49 3.00 -0.22	35.00 3.08 -0.50	35.13 3.00 -0.24	39.03 3.20 -1.01	44.32 3.53 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.13 2.25 0.00	37.97 2.45 0.00	36.76 2.67 -1.96	32.10 2.57 -0.01	30.00 2.55 -0.01
ASTORIA_GT2_1 24094	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT2_2 24095	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT2_3 24096	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT2_4 24097	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT3_1 24098	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT3_2 24099	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT3_3 24100	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT3_4 24101	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT4_1 24102	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT4_2 24103	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT4_3 24104	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT4_4 24105	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.79 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.24 3.41 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.12 3.64 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.16 2.63 -0.01	30.00 2.55 -0.01
ASTORIA_GT_1 23523	32.57 2.82 0.25	27.95 2.26 0.01	25.93 2.24 0.18	25.47 2.12 0.19	24.68 2.00 -0.21	24.34 1.97 -0.19	22.82 1.86 -0.01	23.89 2.17 -0.01	25.32 2.24 0.00	28.54 2.60 -0.45	29.32 2.65 -0.15	32.27 2.76 -1.10	34.58 3.10 -0.22	35.06 3.14 -0.50	35.23 3.09 -0.24	39.14 3.31 -1.01	44.44 3.64 -1.62	52.38 3.93 -3.85	48.25 3.77 -1.17	39.20 2.32 0.00	38.04 2.52 0.00	36.85 2.76 -1.96	32.16 2.63 -0.01	30.05 2.61 -0.01

ASTORIA_GT_10 24110	32.42 2.67 0.26	27.84 2.16 0.02	25.81 2.12 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.75 2.04 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.88 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.07 3.24 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.27 2.40 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	32.03 2.51 0.00	29.88 2.44 0.00
ASTORIA_GT_11 24225	32.42 2.67 0.26	27.84 2.16 0.02	25.81 2.12 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.75 2.04 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.88 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.07 3.24 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.27 2.40 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	32.03 2.51 0.00	29.88 2.44 0.00
ASTORIA_GT_12 24226	32.42 2.67 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.87 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.10 3.27 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.09 2.21 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	31.97 2.45 0.00	29.88 2.44 0.00
ASTORIA_GT_13 24227	32.42 2.67 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.87 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.10 3.27 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.09 2.21 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	31.97 2.45 0.00	29.88 2.44 0.00
ASTORIA_GT_5 24106	32.57 2.82 0.25	27.95 2.26 0.01	25.93 2.24 0.18	25.47 2.12 0.19	24.68 2.00 -0.21	24.34 1.97 -0.19	22.82 1.86 -0.01	23.89 2.17 -0.01	25.32 2.24 0.00	28.54 2.60 -0.45	29.32 2.65 -0.15	32.27 2.76 -1.10	34.58 3.10 -0.22	35.06 3.14 -0.50	35.23 3.09 -0.24	39.14 3.31 -1.01	44.44 3.64 -1.62	52.38 3.93 -3.85	48.25 3.77 -1.17	39.20 2.32 0.00	38.04 2.52 0.00	36.85 2.76 -1.96	32.16 2.63 -0.01	30.05 2.61 -0.01
ASTORIA_GT_7 24107	32.57 2.82 0.25	27.95 2.26 0.01	25.93 2.24 0.18	25.47 2.12 0.19	24.68 2.00 -0.21	24.34 1.97 -0.19	22.82 1.86 -0.01	23.89 2.17 -0.01	25.32 2.24 0.00	28.54 2.60 -0.45	29.32 2.65 -0.15	32.27 2.76 -1.10	34.58 3.10 -0.22	35.06 3.14 -0.50	35.23 3.09 -0.24	39.14 3.31 -1.01	44.44 3.64 -1.62	52.38 3.93 -3.85	48.25 3.77 -1.17	39.20 2.32 0.00	38.04 2.52 0.00	36.85 2.76 -1.96	32.16 2.63 -0.01	30.05 2.61 -0.01
ASTORIA_GT_8 24108	32.57 2.82 0.25	28.00 2.31 0.01	25.93 2.24 0.18	25.47 2.12 0.19	24.68 2.00 -0.21	24.34 1.97 -0.19	22.82 1.86 -0.01	23.89 2.17 -0.01	25.32 2.24 0.00	28.54 2.60 -0.45	29.32 2.65 -0.15	32.27 2.76 -1.10	34.58 3.10 -0.22	35.06 3.14 -0.50	35.23 3.09 -0.24	39.31 3.48 -1.01	44.44 3.64 -1.62	52.38 3.92 -3.85	48.25 3.77 -1.17	39.38 2.51 0.00	38.04 2.52 0.00	36.85 2.76 -1.96	32.22 2.69 -0.01	30.05 2.61 -0.01
ASTORIA___2 24149	32.51 2.76 0.25	27.90 2.21 0.01	25.88 2.19 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.80 1.84 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.17 3.03 -0.24	39.07 3.24 -1.01	44.36 3.56 -1.62	52.24 3.79 -3.85	48.16 3.68 -1.17	39.13 2.25 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.10 2.57 -0.01	30.00 2.55 -0.01
ASTORIA___3 23516	32.42 2.67 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.87 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.10 3.27 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.09 2.21 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	31.97 2.45 0.00	29.88 2.44 0.00
ASTORIA___4 23517	32.42 2.67 0.26	27.84 2.16 0.02	25.81 2.12 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.75 2.04 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.88 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.07 3.24 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.27 2.40 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	32.03 2.51 0.00	29.88 2.44 0.00
ASTORIA___5 23518	32.42 2.67 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.87 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.10 3.27 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.09 2.21 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	31.97 2.45 0.00	29.88 2.44 0.00
AST_ENERGY_2_CC3 323677	32.23 2.49 0.26	27.71 2.03 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.47 1.80 -0.20	24.14 1.77 -0.19	22.62 1.68 0.00	23.62 1.91 0.00	25.07 1.99 0.00	28.26 2.32 -0.45	29.02 2.36 -0.15	31.93 2.41 -1.10	34.17 2.69 -0.21	34.64 2.73 -0.49	34.81 2.68 -0.23	38.85 3.03 -1.00	44.11 3.33 -1.61	52.15 3.70 -3.85	47.89 3.42 -1.16	39.01 2.14 0.00	37.72 2.20 0.00	36.43 2.34 -1.95	31.80 2.27 0.00	29.74 2.30 0.00
AST_ENERGY_2_CC4 323678	32.23 2.49 0.26	27.71 2.03 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.47 1.80 -0.20	24.14 1.77 -0.19	22.62 1.68 0.00	23.62 1.91 0.00	25.07 1.99 0.00	28.26 2.32 -0.45	29.02 2.36 -0.15	31.93 2.41 -1.10	34.17 2.69 -0.21	34.64 2.73 -0.49	34.81 2.68 -0.23	38.85 3.03 -1.00	44.11 3.33 -1.61	52.15 3.70 -3.85	47.89 3.42 -1.16	39.01 2.14 0.00	37.72 2.20 0.00	36.43 2.34 -1.95	31.80 2.27 0.00	29.74 2.30 0.00
ATHENS_STG_1 23668	31.09 1.35 0.27	26.79 1.10 0.02	24.77 1.10 0.19	24.44 1.11 0.21	23.76 1.06 -0.23	23.43 1.04 -0.21	21.89 0.94 0.00	22.73 1.02 0.00	24.14 1.06 0.00	27.21 1.22 -0.49	27.95 1.27 -0.16	30.93 1.31 -1.21	32.94 1.44 -0.23	33.43 1.48 -0.54	33.62 1.47 -0.26	37.52 1.60 -1.10	42.70 1.76 -1.76	50.73 1.92 -4.21	46.36 1.78 -1.27	38.13 1.25 0.00	36.76 1.24 0.00	35.49 1.29 -2.07	30.70 1.18 0.00	28.62 1.18 0.00
ATHENS_STG_2 23670	31.09 1.35 0.27	26.79 1.10 0.02	24.77 1.10 0.19	24.44 1.11 0.21	23.76 1.06 -0.23	23.43 1.04 -0.21	21.89 0.94 0.00	22.73 1.02 0.00	24.14 1.06 0.00	27.21 1.22 -0.49	27.95 1.27 -0.16	30.93 1.31 -1.21	32.94 1.44 -0.23	33.43 1.48 -0.54	33.62 1.47 -0.26	37.52 1.60 -1.10	42.70 1.76 -1.76	50.73 1.92 -4.21	46.36 1.78 -1.27	38.13 1.25 0.00	36.76 1.24 0.00	35.49 1.29 -2.07	30.70 1.18 0.00	28.62 1.18 0.00

ATHENS_STG_3 23677	31.09 1.35 0.27	26.79 1.10 0.02	24.77 1.10 0.19	24.44 1.11 0.21	23.76 1.06 -0.23	23.43 1.04 -0.21	21.89 0.94 0.00	22.73 1.02 0.00	24.14 1.06 0.00	27.21 1.22 -0.49	27.95 1.27 -0.16	30.93 1.31 -1.21	32.94 1.44 -0.23	33.43 1.48 -0.54	33.62 1.47 -0.26	37.52 1.60 -1.10	42.70 1.76 -1.76	50.73 1.92 -4.21	46.36 1.78 -1.27	38.13 1.25 0.00	36.76 1.24 0.00	35.49 1.29 -2.07	30.70 1.18 0.00	28.62 1.18 0.00
AUBURN____LFGE 323710	30.33 0.54 0.22	26.15 0.46 0.02	24.04 0.33 0.15	23.66 0.28 0.17	22.74 0.25 -0.03	22.43 0.22 -0.03	21.15 0.21 0.00	21.97 0.26 0.00	23.38 0.30 0.00	25.43 0.38 0.44	26.85 0.48 0.14	27.84 0.51 1.08	31.65 0.59 0.21	31.53 0.60 0.49	32.37 0.70 0.23	34.47 0.63 0.98	38.49 0.74 1.42	42.18 0.98 3.41	43.28 1.00 1.03	37.98 1.11 0.00	36.37 0.85 0.00	32.97 0.61 -0.23	30.05 0.53 0.00	27.90 0.47 0.00
BABYLON_RES_REC 323704	36.05 3.36 -2.68	34.97 2.83 -6.43	33.16 2.72 -6.58	30.95 2.59 -4.82	30.65 2.45 -5.73	30.65 2.42 -6.05	29.49 2.26 -6.28	30.87 2.50 -6.66	34.12 2.61 -8.44	35.27 2.96 -6.82	37.12 2.92 -7.69	37.57 3.01 -6.15	39.33 3.28 -4.78	42.04 3.42 -7.20	41.92 3.13 -6.90	47.23 3.48 -8.93	49.28 3.88 -6.22	53.08 4.15 -4.33	52.48 3.94 -5.23	45.92 2.91 -6.13	42.23 2.91 -3.80	39.86 3.18 -4.55	38.87 3.10 -6.25	37.11 3.02 -6.66
BABYLON__69_KV_BK2 356345	36.59 3.90 -2.68	35.43 3.29 -6.43	33.54 3.10 -6.58	31.31 2.94 -4.82	30.99 2.79 -5.73	30.98 2.75 -6.05	29.83 2.60 -6.28	31.21 2.84 -6.66	34.54 3.02 -8.44	35.73 3.42 -6.82	37.63 3.42 -7.69	38.12 3.55 -6.16	40.49 3.91 -5.32	43.35 4.05 -7.89	43.94 3.99 -8.06	52.62 4.42 -13.38	50.96 4.98 -6.81	54.68 5.44 -4.64	55.20 5.15 -6.74	49.63 4.02 -8.73	44.35 3.84 -4.99	41.91 3.73 -6.05	41.05 3.69 -7.84	37.62 3.48 -6.70
BARON_WINDS____WT_PWR 323822	29.72 0.06 0.34	26.14 0.46 0.03	23.62 0.00 0.24	23.21 -0.07 0.26	22.45 -0.07 -0.04	22.16 -0.07 -0.05	21.01 0.06 0.00	21.69 -0.02 0.00	23.10 0.02 0.00	25.21 0.08 0.35	26.46 0.05 0.11	27.69 0.14 0.87	31.29 0.19 0.17	31.06 0.03 0.39	31.84 0.13 0.18	34.00 -0.03 0.79	38.01 -0.04 1.12	42.00 0.09 2.69	42.46 -0.04 0.81	37.91 1.03 0.00	35.95 0.43 0.00	32.78 0.23 -0.42	30.02 0.50 0.00	27.77 0.33 0.00
BARRETT_IC_1 23704	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_10 23701	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_11 23702	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_12 23703	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_2 23705	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_3 23706	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_4 23707	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_5 23708	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_6 23709	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_7 23710	35.42 2.73 -2.68	34.45 2.31 -6.43	32.73 2.29 -6.58	30.60 2.24 -4.82	30.31 2.11 -5.73	30.31 2.08 -6.05	29.20 1.97 -6.28	30.58 2.21 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.35 3.13 -6.40	48.53 3.45 -5.90	52.46 3.88 -3.98	51.48 3.64 -4.53	44.26 2.66 -4.73	41.29 2.52 -3.25	38.53 2.54 -3.86	37.57 2.66 -5.40	36.68 2.61 -6.63

BARRETT_IC_8 23711	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT_IC_9 23700	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT___1 23545	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BARRETT___2 23546	35.42 2.73 -2.68	34.43 2.29 -6.43	32.73 2.29 -6.58	30.61 2.24 -4.83	30.32 2.11 -5.74	30.32 2.08 -6.06	29.20 1.97 -6.29	30.59 2.22 -6.66	33.71 2.19 -8.44	34.81 2.50 -6.82	36.70 2.49 -7.69	37.06 2.50 -6.15	38.51 2.75 -4.50	41.08 2.83 -6.84	40.97 2.81 -6.27	44.39 3.17 -6.40	48.53 3.45 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.26 2.49 -3.25	38.53 2.54 -3.86	37.52 2.60 -5.40	36.69 2.61 -6.64
BATAVIA___115KV_TB1 55881	29.91 0.30 0.40	26.08 0.41 0.03	23.76 0.17 0.28	23.34 0.09 0.30	22.37 -0.13 -0.03	22.03 -0.18 -0.03	21.05 0.10 0.00	21.56 -0.15 0.00	22.87 -0.21 0.00	24.90 -0.15 0.44	26.22 -0.16 0.14	27.32 -0.03 1.07	31.12 0.06 0.21	30.81 -0.13 0.48	31.64 -0.03 0.23	33.61 -0.24 0.97	37.57 -0.20 1.40	41.06 -0.18 3.36	41.86 -0.43 1.01	37.28 0.41 0.00	35.81 0.28 0.00	32.48 0.10 -0.26	29.99 0.47 0.00	27.82 0.38 0.00
BAYONEEC___CTG1 323682	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG10 323750	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG2 323683	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG3 323684	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG4 323685	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG5 323686	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG6 323687	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG7 323688	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG8 323689	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00
BAYONEEC___CTG9 323749	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.11 3.33 -1.61	52.20 3.75 -3.85	47.94 3.47 -1.16	39.05 2.18 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.85 2.33 0.00	29.77 2.33 0.00

BEACON___LESR 323632	31.23 1.50 0.28	26.89 1.21 0.02	24.86 1.19 0.20	24.53 1.20 0.22	23.89 1.15 -0.27	23.52 1.11 -0.24	22.01 1.07 0.00	22.76 1.04 0.00	24.21 1.13 0.00	28.18 1.38 -1.31	28.37 1.43 -0.42	33.16 1.53 -3.22	33.57 1.69 -0.62	34.55 1.70 -1.44	34.30 1.72 -0.68	39.58 1.84 -2.92	45.80 2.04 -4.59	57.85 2.27 -10.97	48.75 2.12 -3.31	38.54 1.66 0.00	37.19 1.67 0.00	37.94 1.57 -4.23	30.91 1.39 0.00	28.73 1.29 0.00
BEAVER RIVER___HYD 24048	29.57 -0.21 0.23	25.58 -0.10 0.02	23.30 -0.41 0.16	22.92 -0.45 0.17	21.99 -0.49 -0.01	21.73 -0.47 -0.02	20.38 -0.56 0.00	21.04 -0.67 0.00	22.37 -0.72 0.00	24.23 -0.84 0.42	25.61 -0.77 0.14	26.64 -0.74 1.03	30.44 -0.63 0.20	30.29 -0.66 0.46	31.00 -0.67 0.22	33.29 -0.59 0.93	37.09 -0.67 1.42	40.68 -0.53 3.39	42.16 -0.13 1.02	37.06 0.19 0.00	35.52 0.00 0.00	31.84 -0.29 0.00	29.17 -0.35 0.00	26.97 -0.47 0.00
BEEBEE_GT_13 23619	29.81 0.21 0.41	25.85 0.18 0.03	23.70 0.12 0.28	23.30 0.07 0.31	22.32 -0.18 -0.03	21.99 -0.22 -0.03	20.90 -0.04 0.00	21.54 -0.17 0.00	22.90 -0.18 0.00	24.93 -0.10 0.46	26.32 -0.05 0.15	27.29 0.00 1.12	31.14 0.09 0.22	30.91 0.00 0.50	31.72 0.06 0.24	33.73 -0.07 1.02	37.66 -0.04 1.48	41.02 -0.04 3.54	41.94 -0.30 1.07	37.13 0.26 0.00	35.66 0.14 0.00	32.31 -0.03 -0.21	29.76 0.24 0.00	27.57 0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.69 2.94 0.26	28.00 2.31 0.02	25.97 2.29 0.18	25.46 2.12 0.20	24.70 2.02 -0.20	24.34 1.97 -0.19	22.79 1.84 0.00	23.88 2.17 0.00	25.32 2.24 0.00	28.59 2.65 -0.45	29.40 2.73 -0.15	32.36 2.84 -1.10	34.67 3.19 -0.21	35.18 3.27 -0.49	35.35 3.22 -0.23	39.49 3.66 -1.01	44.66 3.88 -1.61	52.69 4.24 -3.85	48.55 4.07 -1.16	39.61 2.73 0.00	38.26 2.74 0.00	37.04 2.96 -1.95	32.33 2.80 0.00	30.13 2.69 0.00
BETHLEHEM___GRP 23843	30.69 0.96 0.28	26.48 0.80 0.02	24.48 0.81 0.20	24.15 0.82 0.22	23.53 0.79 -0.27	23.19 0.78 -0.24	21.68 0.73 0.00	22.43 0.72 0.00	23.82 0.74 0.00	27.68 0.89 -1.30	27.87 0.93 -0.42	32.59 0.99 -3.18	32.97 1.09 -0.61	33.94 1.10 -1.43	33.69 1.12 -0.68	38.89 1.18 -2.89	44.97 1.25 -4.54	56.84 1.38 -10.86	47.85 1.26 -3.28	37.87 1.00 0.00	36.44 0.92 0.00	37.29 0.96 -4.19	30.38 0.86 0.00	28.26 0.82 0.00
BETHLEHEM___GS1 323560	30.69 0.96 0.28	26.45 0.77 0.02	24.48 0.81 0.20	24.15 0.82 0.22	23.53 0.79 -0.27	23.19 0.78 -0.24	21.68 0.73 0.00	22.43 0.72 0.00	23.82 0.74 0.00	27.68 0.89 -1.30	27.87 0.93 -0.42	32.59 0.99 -3.18	32.97 1.09 -0.61	33.94 1.10 -1.43	33.68 1.12 -0.68	38.89 1.18 -2.89	44.97 1.25 -4.54	56.84 1.38 -10.86	47.89 1.30 -3.28	37.76 0.88 0.00	36.44 0.92 0.00	37.29 0.96 -4.19	30.35 0.83 0.00	28.26 0.82 0.00
BETHLEHEM___GS2 323561	30.69 0.96 0.28	26.45 0.77 0.02	24.48 0.81 0.20	24.15 0.82 0.22	23.53 0.79 -0.27	23.19 0.78 -0.24	21.68 0.73 0.00	22.43 0.72 0.00	23.82 0.74 0.00	27.68 0.89 -1.30	27.87 0.93 -0.42	32.59 0.99 -3.18	32.97 1.09 -0.61	33.94 1.10 -1.43	33.68 1.12 -0.68	38.89 1.18 -2.89	44.97 1.25 -4.54	56.84 1.38 -10.86	47.89 1.30 -3.28	37.76 0.88 0.00	36.44 0.92 0.00	37.29 0.96 -4.19	30.35 0.83 0.00	28.26 0.82 0.00
BETHLEHEM___GS3 323562	30.69 0.96 0.28	26.45 0.77 0.02	24.48 0.81 0.20	24.15 0.82 0.22	23.53 0.79 -0.27	23.19 0.78 -0.24	21.68 0.73 0.00	22.43 0.72 0.00	23.82 0.74 0.00	27.68 0.89 -1.30	27.87 0.93 -0.42	32.59 0.99 -3.18	32.97 1.09 -0.61	33.94 1.10 -1.43	33.68 1.12 -0.68	38.89 1.18 -2.89	44.97 1.25 -4.54	56.84 1.38 -10.86	47.89 1.30 -3.28	37.76 0.88 0.00	36.44 0.92 0.00	37.29 0.96 -4.19	30.35 0.83 0.00	28.26 0.82 0.00
BETHLEHEM___STEEL 23779	29.14 -0.48 0.38	25.70 0.03 0.03	23.19 -0.41 0.27	22.76 -0.49 0.29	22.01 -0.49 -0.03	21.73 -0.49 -0.04	20.73 -0.21 0.00	21.30 -0.41 0.00	22.67 -0.42 0.00	24.75 -0.33 0.41	26.01 -0.37 0.13	27.18 -0.23 1.01	30.85 -0.22 0.19	30.49 -0.47 0.45	31.33 -0.35 0.21	33.25 -0.66 0.91	37.03 -0.82 1.32	40.60 -0.85 3.15	41.10 -1.26 0.95	36.62 -0.26 0.00	35.17 -0.36 0.00	31.99 -0.45 -0.31	29.52 0.00 0.00	27.41 -0.03 0.00
BETHLHEM_115KV_TB1 79974	30.75 1.02 0.28	26.53 0.85 0.02	24.55 0.88 0.20	24.20 0.87 0.22	23.57 0.83 -0.27	23.23 0.82 -0.24	21.72 0.77 0.00	22.47 0.76 0.00	23.87 0.78 0.00	27.69 0.94 -1.26	27.91 0.98 -0.41	32.52 1.02 -3.09	32.98 1.13 -0.59	33.93 1.13 -1.38	33.70 1.15 -0.65	38.88 1.25 -2.80	44.91 1.33 -4.41	56.61 1.47 -10.53	47.84 1.34 -3.18	37.95 1.07 0.00	36.52 0.99 0.00	37.25 1.03 -4.09	30.44 0.92 0.00	28.31 0.88 0.00
BETHPAGE_CC_5 323564	35.93 3.24 -2.68	34.84 2.70 -6.43	33.04 2.60 -6.58	30.86 2.49 -4.82	30.56 2.36 -5.73	30.56 2.33 -6.05	29.43 2.20 -6.29	30.80 2.43 -6.66	34.08 2.56 -8.44	35.24 2.93 -6.82	37.07 2.86 -7.69	37.54 2.98 -6.15	39.18 3.28 -4.63	41.82 3.39 -7.01	41.84 3.38 -6.57	46.33 3.76 -7.75	49.38 4.15 -6.05	53.31 4.64 -4.07	52.41 4.37 -4.72	45.40 3.13 -5.40	42.01 3.09 -3.40	39.27 3.09 -4.05	38.28 2.95 -5.80	36.99 2.91 -6.64
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.12 -0.51 0.38	25.72 0.05 0.03	23.14 -0.45 0.27	22.73 -0.52 0.29	22.03 -0.47 -0.03	21.75 -0.47 -0.04	20.78 -0.17 0.00	21.34 -0.37 0.00	22.71 -0.37 0.00	24.83 -0.25 0.41	26.09 -0.29 0.13	27.27 -0.14 1.00	30.95 -0.13 0.19	30.59 -0.38 0.45	31.43 -0.26 0.21	33.36 -0.56 0.91	37.16 -0.71 1.31	40.75 -0.71 3.13	41.24 -1.13 0.95	36.73 -0.15 0.00	35.27 -0.25 0.00	32.09 -0.35 -0.31	29.58 0.06 0.00	27.46 0.03 0.00
BINGHAMTON___COGEN 23790	30.16 0.45 0.30	26.19 0.51 0.02	23.97 0.31 0.21	23.60 0.28 0.23	22.80 0.27 -0.06	22.51 0.27 -0.06	21.22 0.27 0.00	22.02 0.30 0.00	23.43 0.35 0.00	25.68 0.43 0.24	26.89 0.45 0.08	28.34 0.51 0.58	31.71 0.56 0.11	31.69 0.53 0.26	32.34 0.57 0.12	34.85 0.56 0.53	39.07 0.63 0.73	43.61 0.76 1.75	43.48 0.69 0.53	37.72 0.85 0.00	36.20 0.67 0.00	33.30 0.51 -0.65	30.02 0.50 0.00	27.90 0.47 0.00
BIXINCNT_115KV_LOAD 355685	28.64 -0.99 0.37	25.52 -0.15 0.03	22.86 -0.74 0.26	22.46 -0.80 0.29	22.01 -0.49 -0.04	21.77 -0.44 -0.04	20.76 -0.19 0.00	21.41 -0.30 0.00	22.78 -0.30 0.00	24.97 -0.13 0.40	26.23 -0.16 0.13	27.38 -0.06 0.97	31.01 -0.06 0.19	30.57 -0.41 0.44	31.37 -0.32 0.21	33.31 -0.63 0.88	37.04 -0.86 1.27	40.71 -0.85 3.04	41.18 -1.21 0.92	36.69 -0.18 0.00	35.20 -0.32 0.00	32.08 -0.39 -0.33	29.52 0.00 0.00	27.44 0.00 0.00
BLACK RIVER___HYD 24047	29.91 0.09 0.19	25.87 0.18 0.02	23.64 -0.10 0.13	23.24 -0.16 0.14	22.26 -0.22 -0.01	22.00 -0.20 -0.02	20.57 -0.38 0.00	21.21 -0.50 0.00	22.50 -0.58 0.00	24.36 -0.69 0.44	25.85 -0.53 0.14	26.85 -0.48 1.08	30.53 -0.53 0.21	30.37 -0.56 0.48	31.09 -0.57 0.23	33.43 -0.42 0.98	37.24 -0.47 1.46	40.79 -0.31 3.50	42.47 0.22 1.06	37.50 0.63 0.00	35.91 0.39 0.00	32.13 0.00 0.00	29.40 -0.12 0.00	27.16 -0.27 0.00

BLACKRVR_115KV_TB2 79977	29.91 0.09 0.19	25.84 0.15 0.02	23.61 -0.12 0.13	23.24 -0.16 0.14	22.26 -0.22 -0.01	22.00 -0.20 -0.02	20.57 -0.38 0.00	21.21 -0.50 0.00	22.50 -0.58 0.00	24.36 -0.69 0.44	25.85 -0.53 0.14	26.85 -0.48 1.08	30.53 -0.53 0.21	30.37 -0.57 0.48	31.09 -0.57 0.23	33.42 -0.42 0.98	37.24 -0.47 1.46	40.79 -0.31 3.50	42.56 0.30 1.06	37.39 0.52 0.00	35.91 0.39 0.00	32.13 0.00 0.00	29.40 -0.12 0.00	27.16 -0.27 0.00
BLISS_WT_PWR 323608	28.52 -1.11 0.37	25.55 -0.13 0.03	22.82 -0.79 0.26	22.41 -0.85 0.29	21.97 -0.54 -0.04	21.75 -0.47 -0.04	20.73 -0.21 0.00	21.37 -0.35 0.00	22.78 -0.30 0.00	24.97 -0.13 0.40	26.21 -0.18 0.13	27.33 -0.11 0.97	30.95 -0.12 0.19	30.51 -0.47 0.44	31.27 -0.42 0.21	33.20 -0.73 0.88	36.88 -1.02 1.27	40.53 -1.02 3.04	41.05 -1.34 0.92	37.25 0.37 0.00	35.10 -0.42 0.00	31.98 -0.48 -0.33	29.64 0.12 0.00	27.38 -0.05 0.00
BLUE_CIRC_CHEM_DRP 24182	31.20 1.47 0.28	26.92 1.23 0.02	24.86 1.19 0.19	24.55 1.22 0.21	23.90 1.17 -0.26	23.56 1.15 -0.23	22.01 1.07 0.00	22.76 1.04 0.00	24.17 1.08 0.00	27.84 1.27 -1.08	28.19 1.33 -0.35	32.47 1.42 -2.64	33.34 1.56 -0.51	34.14 1.54 -1.18	34.05 1.59 -0.56	38.92 1.71 -2.40	44.79 1.84 -3.78	55.68 2.05 -9.03	47.94 1.91 -2.73	38.46 1.59 0.00	37.01 1.49 0.00	37.18 1.45 -3.60	30.85 1.33 0.00	28.70 1.26 0.00
BOC_GAS_DRP 24189	30.87 1.14 0.28	26.66 0.98 0.02	24.62 0.95 0.19	24.30 0.97 0.21	23.66 0.92 -0.27	23.32 0.91 -0.24	21.78 0.84 0.00	22.58 0.87 0.00	23.98 0.90 0.00	27.58 1.05 -1.04	27.92 1.06 -0.34	32.11 1.14 -2.56	33.01 1.25 -0.49	33.82 1.26 -1.15	33.71 1.28 -0.54	38.50 1.36 -2.32	44.32 1.49 -3.66	54.95 1.61 -8.75	47.47 1.52 -2.64	38.06 1.18 0.00	36.62 1.10 0.00	36.77 1.12 -3.51	30.56 1.03 0.00	28.42 0.99 0.00
BOONVILLE_115KV_TB1 79983	30.31 0.69 0.39	26.34 0.67 0.03	24.04 0.45 0.27	23.67 0.42 0.30	22.82 0.34 -0.01	22.57 0.38 -0.02	21.20 0.25 0.00	21.97 0.26 0.00	23.36 0.28 0.00	25.23 0.33 0.60	26.75 0.42 0.19	27.44 0.48 1.46	31.61 0.63 0.28	31.39 0.63 0.65	32.22 0.64 0.31	34.19 0.70 1.32	37.95 0.71 1.93	40.98 0.98 4.60	43.13 1.21 1.39	38.06 1.18 0.00	36.48 0.96 0.00	32.74 0.61 0.00	30.05 0.53 0.00	27.85 0.41 0.00
BORALEX_4TH_BRANCH 23824	31.76 2.04 0.29	27.43 1.75 0.02	25.36 1.69 0.20	25.00 1.67 0.22	24.34 1.60 -0.28	23.99 1.57 -0.24	22.43 1.49 0.00	23.23 1.52 0.00	24.72 1.64 0.00	28.95 1.86 -1.60	28.92 1.88 -0.52	34.38 2.05 -3.92	34.27 2.25 -0.75	35.46 2.29 -1.76	35.02 2.30 -0.83	40.88 2.51 -3.56	47.45 2.70 -5.58	60.93 2.99 -13.34	50.24 2.90 -4.03	39.16 2.29 0.00	37.76 2.24 0.00	39.25 2.12 -5.00	31.41 1.89 0.00	29.30 1.87 0.00
BOWLINE___1 23526	31.73 1.98 0.26	27.33 1.65 0.02	25.35 1.67 0.18	24.92 1.58 0.20	24.17 1.51 -0.20	23.84 1.49 -0.18	22.33 1.38 0.00	23.30 1.58 0.00	24.72 1.64 0.00	27.77 1.86 -0.42	28.57 1.91 -0.14	31.38 1.93 -1.03	33.59 2.13 -0.20	34.04 2.17 -0.46	34.28 2.17 -0.22	38.19 2.44 -0.94	43.31 2.63 -1.51	51.20 2.99 -3.61	47.13 2.73 -1.09	38.65 1.77 0.00	37.33 1.81 0.00	35.93 1.93 -1.87	31.29 1.77 0.00	29.22 1.78 0.00
BOWLINE___2 23595	31.79 2.04 0.26	27.38 1.70 0.02	25.38 1.69 0.18	24.95 1.60 0.20	24.17 1.51 -0.20	23.84 1.49 -0.18	22.35 1.40 0.00	23.30 1.58 0.00	24.74 1.66 0.00	27.80 1.89 -0.42	28.59 1.93 -0.14	31.43 1.99 -1.03	33.65 2.19 -0.20	34.11 2.23 -0.46	34.31 2.20 -0.22	38.23 2.47 -0.94	43.39 2.70 -1.51	51.29 3.08 -3.61	47.21 2.81 -1.09	38.72 1.84 0.00	37.40 1.88 0.00	36.00 1.99 -1.87	31.35 1.83 0.00	29.28 1.84 0.00
BRADY___115KV_TB2 356060	29.48 -0.39 0.13	25.41 -0.28 0.01	23.41 -0.36 0.09	23.11 -0.33 0.10	22.16 -0.31 0.00	21.87 -0.31 -0.01	20.61 -0.34 0.00	21.32 -0.39 0.00	22.73 -0.35 0.00	24.82 -0.51 0.16	25.93 -0.53 0.05	27.53 -0.48 0.40	30.66 -0.53 0.08	30.70 -0.53 0.18	31.27 -0.54 0.09	33.90 -0.56 0.37	37.96 -0.51 0.70	42.42 -0.49 1.69	42.63 -0.17 0.51	36.80 -0.07 0.00	35.34 -0.18 0.00	31.78 -0.35 0.00	29.08 -0.44 0.00	26.92 -0.52 0.00
BRANSCOMB___SOLAR 323811	31.70 1.98 0.29	27.33 1.65 0.02	25.21 1.55 0.20	24.87 1.55 0.22	24.27 1.51 -0.29	23.88 1.46 -0.24	22.33 1.38 0.00	23.08 1.37 0.00	24.58 1.50 0.00	29.29 1.81 -1.99	29.10 1.93 -0.64	35.33 2.05 -4.87	34.48 2.28 -0.94	35.80 2.20 -2.18	35.19 2.26 -1.03	41.61 2.37 -4.42	48.76 2.67 -6.92	64.23 3.08 -16.55	51.26 2.95 -5.00	39.31 2.43 0.00	37.94 2.42 0.00	40.42 2.25 -6.04	31.47 1.95 0.00	29.19 1.76 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.29 3.60 -2.68	35.20 3.06 -6.43	33.35 2.91 -6.58	31.14 2.78 -4.82	30.83 2.63 -5.73	30.80 2.57 -6.05	29.66 2.43 -6.28	31.06 2.69 -6.66	34.36 2.84 -8.44	35.50 3.19 -6.82	37.33 3.13 -7.69	37.78 3.21 -6.16	41.04 3.50 -6.27	44.18 3.64 -9.12	45.71 3.64 -10.18	63.12 4.04 -24.26	51.56 4.51 -7.88	53.93 4.77 -4.56	54.59 4.50 -6.78	53.78 3.43 -13.47	43.81 3.27 -5.02	41.40 3.18 -6.09	43.55 3.31 -10.72	37.35 3.16 -6.76
BRISTLHL_115KV_TB1 79998	29.60 -0.36 0.05	25.39 -0.31 0.00	23.50 -0.33 0.04	23.15 -0.35 0.04	22.15 -0.34 -0.02	21.85 -0.35 -0.02	20.61 -0.34 0.00	21.37 -0.35 0.00	22.69 -0.39 0.00	24.61 -0.41 0.48	25.97 -0.40 0.15	26.82 -0.43 1.17	30.60 -0.44 0.22	30.42 -0.47 0.52	31.20 -0.45 0.25	33.24 -0.52 1.06	37.04 -0.59 1.55	40.27 -0.62 3.70	41.59 -0.61 1.12	36.54 -0.33 0.00	35.06 -0.46 0.00	31.59 -0.55 0.00	29.05 -0.47 0.00	27.00 -0.44 0.00
BROOKHAVEN___DRP 24191	36.17 3.48 -2.68	35.12 2.98 -6.43	33.21 2.77 -6.58	30.96 2.59 -4.82	30.65 2.45 -5.73	30.65 2.42 -6.05	29.51 2.28 -6.28	30.91 2.54 -6.66	34.19 2.68 -8.44	35.34 3.03 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.20	40.63 3.41 -5.96	43.64 3.52 -8.70	44.81 3.48 -9.44	50.41 3.93 -11.65	51.09 4.39 -7.53	56.69 4.82 -7.27	63.13 4.55 -15.27	52.17 3.54 -11.75	50.62 3.37 -11.73	49.85 3.21 -14.51	42.46 3.25 -9.69	37.40 3.18 -6.78
BROOKLYN_NAVY_YARD 23515	32.33 2.58 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.34 2.40 -0.45	29.05 2.39 -0.15	31.99 2.47 -1.10	34.20 2.72 -0.21	34.70 2.79 -0.49	34.87 2.74 -0.23	38.92 3.10 -1.00	44.19 3.41 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.09 2.21 0.00	37.80 2.28 0.00	36.49 2.41 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
BROOKLYN___ARMY_DRP 323595	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00



BROOKVLE_69_KV_TB1 55790	35.81 3.12 -2.68	34.74 2.60 -6.43	32.92 2.48 -6.58	30.74 2.38 -4.82	30.45 2.25 -5.73	30.45 2.22 -6.05	29.32 2.09 -6.28	30.69 2.32 -6.66	33.96 2.45 -8.44	35.14 2.83 -6.82	37.12 2.92 -7.69	37.60 3.04 -6.15	39.14 3.38 -4.50	41.61 3.36 -6.84	41.55 3.38 -6.27	44.95 3.73 -6.40	49.19 4.11 -5.90	53.21 4.64 -3.98	52.17 4.33 -4.53	44.85 3.25 -4.73	41.83 3.05 -3.25	39.14 3.15 -3.86	37.87 2.95 -5.40	36.92 2.85 -6.63
BROOME_2_LFGE 323671	30.16 0.45 0.30	26.25 0.56 0.02	23.99 0.33 0.21	23.60 0.28 0.23	22.80 0.27 -0.06	22.48 0.24 -0.06	21.22 0.27 0.00	22.02 0.30 0.00	23.43 0.35 0.00	25.68 0.43 0.24	26.89 0.45 0.08	28.34 0.51 0.58	31.72 0.56 0.11	31.69 0.53 0.26	32.34 0.57 0.12	34.85 0.56 0.53	39.07 0.62 0.73	43.61 0.76 1.75	43.47 0.69 0.53	37.87 1.00 0.00	36.19 0.67 0.00	33.29 0.51 -0.65	30.08 0.56 0.00	27.90 0.47 0.00
BROOME___LFGE 323600	30.16 0.45 0.30	26.25 0.56 0.02	23.99 0.33 0.21	23.60 0.28 0.23	22.80 0.27 -0.06	22.48 0.24 -0.06	21.22 0.27 0.00	22.02 0.30 0.00	23.43 0.35 0.00	25.68 0.43 0.24	26.89 0.45 0.08	28.34 0.51 0.58	31.72 0.56 0.11	31.69 0.53 0.26	32.34 0.57 0.12	34.85 0.56 0.53	39.07 0.62 0.73	43.61 0.76 1.75	43.47 0.69 0.53	37.87 1.00 0.00	36.19 0.67 0.00	33.29 0.51 -0.65	30.08 0.56 0.00	27.90 0.47 0.00
BROWNFLS_115KV_TB_3_5 80003	29.04 -0.78 0.19	25.07 -0.62 0.02	22.94 -0.79 0.13	22.60 -0.80 0.15	21.67 -0.81 -0.01	21.41 -0.78 -0.01	20.13 -0.82 0.00	20.80 -0.91 0.00	22.16 -0.92 0.00	24.08 -1.10 0.32	25.33 -1.09 0.10	26.55 -1.08 0.78	30.02 -1.09 0.15	29.97 -1.10 0.35	30.58 -1.15 0.17	33.00 -1.11 0.71	36.83 -1.21 1.13	40.64 -1.25 2.71	41.71 -0.78 0.82	36.32 -0.55 0.00	34.85 -0.67 0.00	31.26 -0.87 0.00	28.64 -0.89 0.00	26.48 -0.96 0.00
BROWNSV1_27_KV_LOAD 356125	32.63 2.88 0.26	28.02 2.34 0.02	25.97 2.29 0.18	25.51 2.17 0.20	24.72 2.04 -0.20	24.38 2.02 -0.19	22.85 1.91 0.00	23.86 2.15 0.00	25.32 2.24 0.00	28.57 2.63 -0.45	29.34 2.68 -0.15	32.30 2.78 -1.10	34.57 3.10 -0.21	35.05 3.14 -0.49	35.22 3.09 -0.23	39.30 3.48 -1.00	44.66 3.88 -1.61	52.78 4.33 -3.85	48.50 4.03 -1.16	39.68 2.80 0.00	38.15 2.63 0.00	36.85 2.76 -1.95	32.24 2.72 0.00	30.07 2.63 0.00
BURROWS___LYONSDAL 23803	30.11 0.45 0.35	26.14 0.46 0.03	23.83 0.21 0.25	23.44 0.16 0.27	22.57 0.09 -0.01	22.33 0.13 -0.02	20.96 0.02 0.00	21.69 -0.02 0.00	23.08 0.00 0.00	24.94 0.00 0.55	26.42 0.08 0.18	27.20 0.14 1.36	31.32 0.31 0.26	31.12 0.31 0.61	31.89 0.29 0.29	33.97 0.38 1.23	37.72 0.35 1.80	40.87 0.58 4.31	42.87 0.87 1.30	37.76 0.89 0.00	36.23 0.71 0.00	32.49 0.35 0.00	29.82 0.30 0.00	27.63 0.19 0.00
CAITHNESS_CC_1 323624	36.08 3.39 -2.68	35.02 2.88 -6.43	33.16 2.72 -6.58	30.91 2.54 -4.82	30.61 2.41 -5.73	30.60 2.37 -6.05	29.47 2.24 -6.28	30.87 2.50 -6.66	34.12 2.61 -8.44	35.29 2.98 -6.82	37.15 2.94 -7.69	37.66 3.04 -6.20	40.53 3.31 -5.96	43.54 3.42 -8.70	44.70 3.38 -9.42	50.26 3.80 -11.64	50.93 4.23 -7.52	58.66 4.64 -9.43	62.90 4.37 -15.21	51.81 3.21 -11.72	50.37 3.16 -11.68	49.67 3.09 -14.45	42.29 3.10 -9.67	37.29 3.07 -6.78
CALPINE BETH_PAGE_GT4 24209	35.93 3.24 -2.68	34.86 2.72 -6.43	33.04 2.60 -6.58	30.86 2.50 -4.82	30.56 2.36 -5.73	30.56 2.33 -6.05	29.43 2.20 -6.28	30.80 2.43 -6.66	34.08 2.56 -8.44	35.24 2.93 -6.82	37.04 2.84 -7.69	37.51 2.95 -6.15	39.11 3.25 -4.60	41.74 3.36 -6.96	41.73 3.35 -6.49	45.88 3.69 -7.37	49.30 4.11 -6.01	53.17 4.59 -3.98	52.32 4.33 -4.67	45.33 3.25 -5.21	41.97 3.09 -3.36	39.18 3.05 -4.00	38.17 2.95 -5.69	36.93 2.85 -6.64
CALPINE_BETH_PAGE_GT_4 323586	35.93 3.24 -2.68	34.84 2.70 -6.43	33.04 2.60 -6.58	30.86 2.49 -4.82	30.56 2.36 -5.73	30.56 2.33 -6.05	29.43 2.20 -6.29	30.80 2.43 -6.66	34.08 2.56 -8.44	35.24 2.93 -6.82	37.04 2.84 -7.69	37.51 2.95 -6.15	39.11 3.25 -4.60	41.74 3.36 -6.96	41.73 3.35 -6.49	45.92 3.73 -7.37	49.30 4.11 -6.01	53.24 4.59 -4.05	52.32 4.33 -4.67	45.19 3.10 -5.21	41.94 3.06 -3.36	39.19 3.05 -4.00	38.14 2.92 -5.69	36.93 2.85 -6.64
CALPINE_BP_GT1 23823	35.93 3.24 -2.68	34.84 2.70 -6.43	33.04 2.60 -6.58	30.86 2.49 -4.82	30.56 2.36 -5.73	30.56 2.33 -6.05	29.43 2.20 -6.29	30.80 2.43 -6.66	34.08 2.56 -8.44	35.24 2.93 -6.82	37.04 2.84 -7.69	37.51 2.95 -6.15	39.11 3.25 -4.60	41.74 3.36 -6.96	41.73 3.35 -6.49	45.92 3.73 -7.37	49.30 4.11 -6.01	53.24 4.59 -4.05	52.32 4.33 -4.67	45.19 3.10 -5.21	41.94 3.06 -3.36	39.19 3.05 -4.00	38.14 2.92 -5.69	36.93 2.85 -6.64
CALSPAN___DRP 24200	29.14 -0.48 0.38	25.70 0.03 0.03	23.19 -0.41 0.27	22.76 -0.49 0.29	22.01 -0.49 -0.03	21.73 -0.49 -0.04	20.73 -0.21 0.00	21.30 -0.41 0.00	22.67 -0.42 0.00	24.75 -0.33 0.41	26.01 -0.37 0.13	27.18 -0.23 1.01	30.85 -0.22 0.19	30.49 -0.47 0.45	31.33 -0.35 0.21	33.25 -0.66 0.91	37.03 -0.82 1.32	40.60 -0.85 3.15	41.10 -1.26 0.95	36.62 -0.26 0.00	35.17 -0.36 0.00	31.99 -0.45 -0.31	29.52 0.00 0.00	27.41 -0.03 0.00
CALVERTON___SOLAR 323806	36.32 3.63 -2.68	35.22 3.08 -6.43	33.30 2.86 -6.58	31.07 2.71 -4.82	30.74 2.54 -5.73	30.76 2.53 -6.05	29.59 2.37 -6.28	31.00 2.63 -6.66	34.28 2.77 -8.44	35.47 3.16 -6.82	37.39 3.18 -7.69	37.91 3.29 -6.20	40.82 3.59 -5.96	43.83 3.71 -8.71	45.00 3.67 -9.44	50.65 4.18 -11.65	51.36 4.66 -7.53	59.19 5.13 -9.47	63.45 4.85 -15.29	52.33 3.69 -11.77	50.85 3.59 -11.75	50.11 3.44 -14.53	42.64 3.42 -9.70	37.56 3.35 -6.78
CANDIGU_WT_PWR 323617	29.72 0.06 0.34	26.14 0.46 0.03	23.62 0.00 0.24	23.21 -0.07 0.26	22.45 -0.07 -0.04	22.16 -0.07 -0.05	21.01 0.06 0.00	21.69 -0.02 0.00	23.10 0.02 0.00	25.21 0.08 0.35	26.46 0.05 0.11	27.69 0.14 0.87	31.29 0.19 0.17	31.06 0.03 0.39	31.84 0.13 0.18	34.00 -0.03 0.79	38.01 -0.04 1.12	42.00 0.09 2.69	42.46 -0.04 0.81	37.91 1.03 0.00	35.95 0.43 0.00	32.78 0.23 -0.42	30.02 0.50 0.00	27.77 0.33 0.00
CARR STREET_E__SYR 24060	29.68 -0.03 0.30	25.68 0.00 0.02	23.59 -0.07 0.21	23.22 -0.09 0.23	22.38 -0.11 -0.02	22.07 -0.13 -0.03	20.84 -0.10 0.00	21.61 -0.11 0.00	22.97 -0.11 0.00	24.90 -0.10 0.49	26.31 -0.05 0.16	27.07 -0.14 1.20	30.85 -0.19 0.23	30.66 -0.22 0.54	31.48 -0.16 0.25	33.49 -0.24 1.09	37.32 -0.27 1.58	40.55 -0.27 3.79	41.91 -0.26 1.14	36.95 0.07 0.00	35.31 -0.21 0.00	31.81 -0.32 0.00	29.28 -0.24 0.00	27.19 -0.25 0.00
CARTHAGE___PAPER 23857	29.69 -0.12 0.20	25.66 -0.03 0.02	23.41 -0.31 0.14	23.01 -0.38 0.16	22.05 -0.43 -0.01	21.82 -0.38 -0.02	20.42 -0.52 0.00	21.06 -0.65 0.00	22.37 -0.72 0.00	24.19 -0.87 0.43	25.64 -0.74 0.14	26.64 -0.71 1.06	30.37 -0.69 0.20	30.22 -0.72 0.47	30.90 -0.77 0.22	33.23 -0.63 0.96	37.06 -0.67 1.45	40.65 -0.49 3.46	42.31 0.04 1.04	37.25 0.37 0.00	35.70 0.18 0.00	31.94 -0.19 0.00	29.26 -0.27 0.00	27.03 -0.41 0.00

CASSADAGA_WT_PWR 323784	29.93 0.30 0.38	26.34 0.67 0.03	23.55 -0.05 0.26	23.11 -0.14 0.29	22.48 -0.02 -0.04	22.19 -0.02 -0.04	21.24 0.29 0.00	21.93 0.22 0.00	23.29 0.21 0.00	25.60 0.51 0.40	26.89 0.50 0.13	28.11 0.68 0.99	31.76 0.69 0.19	31.29 0.31 0.44	32.04 0.35 0.21	33.86 -0.07 0.89	37.77 -0.12 1.29	41.52 0.00 3.08	41.90 -0.48 0.93	38.02 1.14 0.00	35.95 0.43 0.00	32.71 0.26 -0.32	30.20 0.68 0.00	27.79 0.36 0.00
CE_DUNWOOD___DRP 24194	32.06 2.31 0.26	27.61 1.93 0.02	25.57 1.89 0.18	25.13 1.79 0.20	24.36 1.69 -0.20	24.03 1.66 -0.18	22.51 1.57 0.00	23.49 1.78 0.00	24.95 1.87 0.00	28.08 2.14 -0.45	28.86 2.20 -0.15	31.78 2.27 -1.10	34.01 2.53 -0.21	34.48 2.58 -0.49	34.68 2.55 -0.23	38.67 2.86 -1.00	43.91 3.13 -1.60	51.96 3.52 -3.84	47.72 3.25 -1.16	39.20 2.32 0.00	37.72 2.20 0.00	36.36 2.28 -1.94	31.68 2.16 0.00	29.55 2.11 0.00
CE_MILLWOOD___DRP 24193	32.00 2.25 0.26	27.56 1.88 0.02	25.50 1.81 0.18	25.09 1.74 0.20	24.31 1.64 -0.20	23.98 1.62 -0.18	22.45 1.51 0.00	23.43 1.72 0.00	24.88 1.80 0.00	28.03 2.09 -0.44	28.81 2.15 -0.14	31.72 2.22 -1.09	33.91 2.44 -0.21	34.38 2.48 -0.49	34.58 2.46 -0.23	38.53 2.72 -0.99	43.78 3.02 -1.59	51.79 3.39 -3.80	47.58 3.12 -1.15	39.16 2.29 0.00	37.65 2.13 0.00	36.28 2.22 -1.94	31.59 2.07 0.00	29.47 2.03 0.00
CE_NYC2_DRP 24202	32.42 2.67 0.26	27.84 2.16 0.02	25.81 2.12 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.88 -0.21	34.86 2.95 -0.49	35.03 2.90 -0.23	39.07 3.24 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.31 2.43 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	32.03 2.51 0.00	29.88 2.44 0.00
CE_NYC_DRP 24195	32.33 2.58 0.26	27.79 2.11 0.02	25.76 2.08 0.18	25.30 1.95 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.69 1.98 0.00	25.14 2.05 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.71 2.80 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.23 3.45 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.27 2.40 0.00	37.79 2.27 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.80 2.36 0.00
CHAFFEE___LFGE 323603	29.24 -0.39 0.38	25.96 0.28 0.03	23.29 -0.31 0.26	22.83 -0.42 0.29	22.08 -0.43 -0.03	21.82 -0.40 -0.04	20.84 -0.10 0.00	21.41 -0.30 0.00	22.81 -0.28 0.00	24.88 -0.20 0.40	26.15 -0.24 0.13	27.37 -0.06 0.99	31.04 -0.03 0.19	30.69 -0.13 0.44	31.56 -0.13 0.21	33.43 -0.49 0.90	37.33 -0.55 1.30	41.01 -0.49 3.10	41.42 -0.95 0.94	37.61 0.74 0.00	35.41 -0.11 0.00	32.23 -0.22 -0.32	29.88 0.36 0.00	27.57 0.14 0.00
CHATEAUG_35_KV_LOAD 355732	29.70 -0.18 0.13	25.49 -0.21 0.01	23.51 -0.26 0.09	23.19 -0.26 0.10	22.23 -0.25 0.00	21.98 -0.20 0.00	20.80 -0.15 0.00	21.56 -0.15 0.00	22.94 -0.14 0.00	25.10 -0.25 0.14	26.18 -0.29 0.04	27.82 -0.26 0.34	30.92 -0.28 0.06	30.86 -0.41 0.15	31.44 -0.38 0.07	34.27 -0.24 0.31	38.47 -0.08 0.63	43.05 -0.04 1.50	43.07 0.22 0.45	37.02 0.15 0.00	35.49 -0.04 0.00	31.91 -0.22 0.00	29.05 -0.47 0.00	26.83 -0.60 0.00
CHATEAUG_WT_PWR 323614	29.74 -0.15 0.12	25.52 -0.18 0.01	23.54 -0.24 0.09	23.22 -0.24 0.09	22.25 -0.22 0.00	21.98 -0.20 0.00	20.82 -0.12 0.00	21.61 -0.11 0.00	22.99 -0.09 0.00	25.13 -0.23 0.13	26.21 -0.27 0.04	27.90 -0.20 0.32	30.95 -0.25 0.06	30.93 -0.34 0.14	31.48 -0.35 0.07	34.32 -0.21 0.29	38.53 -0.04 0.61	43.15 0.00 1.45	43.13 0.26 0.44	37.02 0.15 0.00	35.49 -0.04 0.00	31.91 -0.22 0.00	29.05 -0.47 0.00	26.86 -0.58 0.00
CHAT_HIGH_FALL_HYD 323578	29.70 -0.18 0.13	25.49 -0.21 0.01	23.52 -0.26 0.09	23.19 -0.26 0.10	22.23 -0.25 0.00	21.98 -0.20 0.00	20.80 -0.15 0.00	21.56 -0.15 0.00	22.94 -0.14 0.00	25.10 -0.25 0.14	26.18 -0.29 0.04	27.82 -0.26 0.34	30.92 -0.28 0.06	30.85 -0.41 0.15	31.44 -0.38 0.07	34.27 -0.24 0.31	38.47 -0.08 0.63	43.05 -0.04 1.50	43.07 0.22 0.45	36.99 0.11 0.00	35.49 -0.04 0.00	31.91 -0.22 0.00	29.02 -0.50 0.00	26.83 -0.60 0.00
CHAUTAUQUA___LFGE 323629	29.63 0.00 0.38	26.19 0.51 0.03	23.50 -0.10 0.27	23.02 -0.24 0.29	22.28 -0.22 -0.03	21.99 -0.22 -0.04	21.03 0.08 0.00	21.67 -0.04 0.00	23.08 0.00 0.00	25.26 0.18 0.41	26.55 0.16 0.13	27.76 0.34 0.99	31.45 0.38 0.19	31.03 0.06 0.45	31.84 0.16 0.21	33.71 -0.21 0.90	37.64 -0.23 1.30	41.32 -0.18 3.11	41.72 -0.65 0.94	37.83 0.96 0.00	35.70 0.18 0.00	32.51 0.06 -0.32	30.05 0.53 0.00	27.71 0.27 0.00
CHERRYST_13_KV_LD 356241	32.45 2.70 0.26	27.89 2.21 0.02	25.83 2.15 0.18	25.37 2.02 0.20	24.61 1.93 -0.20	24.27 1.91 -0.19	22.75 1.80 0.00	23.75 2.04 0.00	25.20 2.12 0.00	28.41 2.47 -0.45	29.18 2.52 -0.15	32.10 2.59 -1.10	34.35 2.88 -0.21	34.83 2.92 -0.49	35.00 2.87 -0.23	39.06 3.24 -1.00	44.39 4.01 -1.61	52.47 4.01 -3.85	48.20 3.72 -1.16	39.42 2.54 0.00	37.94 2.42 0.00	36.62 2.54 -1.95	32.03 2.51 0.00	29.88 2.44 0.00
CHESTROR_138KV_BK263 355645	31.61 1.86 0.26	27.23 1.54 0.02	25.19 1.50 0.18	24.78 1.44 0.20	24.00 1.35 -0.19	23.65 1.31 -0.17	22.18 1.24 0.00	23.06 1.35 0.00	24.49 1.41 0.00	27.48 1.61 -0.38	28.29 1.64 -0.12	31.03 1.68 -0.94	33.26 1.81 -0.18	33.72 1.88 -0.42	33.94 1.85 -0.20	37.73 2.05 -0.85	42.82 2.27 -1.37	50.47 2.59 -3.29	46.69 2.38 -0.99	38.57 1.70 0.00	37.12 1.60 0.00	35.61 1.70 -1.77	31.15 1.62 0.00	29.03 1.59 0.00
CH_MIDHUDSON___DRP 24192	31.93 2.19 0.26	27.51 1.83 0.02	25.45 1.77 0.18	25.06 1.72 0.20	24.28 1.60 -0.21	23.94 1.57 -0.19	22.41 1.47 0.00	23.28 1.56 0.00	24.70 1.62 0.00	27.80 1.84 -0.47	28.55 1.88 -0.15	31.54 1.96 -1.16	33.61 2.13 -0.22	34.10 2.17 -0.52	34.28 2.14 -0.25	38.28 2.40 -1.06	43.49 2.62 -1.69	51.64 2.99 -4.05	47.31 2.77 -1.22	38.94 2.07 0.00	37.47 1.95 0.00	36.17 2.02 -2.01	31.44 1.92 0.00	29.30 1.87 0.00
CH_MISC_IPPS 23765	32.17 2.43 0.26	27.69 2.01 0.02	25.61 1.93 0.18	25.20 1.86 0.20	24.41 1.73 -0.20	24.05 1.68 -0.19	22.52 1.57 0.00	23.36 1.65 0.00	24.79 1.71 0.00	27.86 1.91 -0.46	28.63 1.96 -0.15	31.58 2.05 -1.12	33.67 2.19 -0.22	34.18 2.26 -0.50	34.36 2.23 -0.24	38.35 2.51 -1.02	43.55 2.74 -1.63	51.67 3.17 -3.91	47.44 2.95 -1.18	38.94 2.06 0.00	37.65 2.13 0.00	36.29 2.19 -1.97	31.56 2.04 0.00	29.41 1.98 0.00
CH_RES_BVR_FALLS 23983	29.27 -0.42 0.32	25.32 -0.36 0.03	23.28 -0.36 0.22	22.97 -0.33 0.25	22.16 -0.31 0.00	21.88 -0.31 -0.01	20.67 -0.27 0.00	21.37 -0.35 0.00	22.69 -0.39 0.00	24.57 -0.46 0.46	25.92 -0.45 0.15	26.83 -0.46 1.13	30.58 -0.47 0.22	30.41 -0.50 0.50	31.14 -0.51 0.24	33.21 -0.59 1.02	37.23 -0.47 1.47	40.59 -0.49 3.52	41.86 -0.39 1.06	36.62 -0.26 0.00	35.13 -0.39 0.00	31.71 -0.42 0.00	29.08 -0.44 0.00	27.00 -0.44 0.00

CH_RES_NIAGARA 23895	28.59 -1.02 0.39	25.16 -0.51 0.03	22.85 -0.74 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.08 -0.86 0.00	20.54 -1.17 0.00	21.83 -1.25 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.33 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.82 -2.05 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.29 -3.03 0.99	35.92 -0.96 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.64 -0.88 0.00	26.45 -0.99 0.00
CH_RES_SYRACUSE 23985	29.99 0.18 0.20	25.89 0.20 0.02	23.82 0.10 0.14	23.46 0.07 0.16	22.54 0.05 -0.02	22.25 0.04 -0.03	20.99 0.04 0.00	21.78 0.07 0.00	23.15 0.07 0.00	25.12 0.10 0.47	26.53 0.16 0.15	27.41 0.14 1.15	31.23 0.19 0.22	31.09 0.19 0.51	31.88 0.22 0.24	33.96 0.17 1.04	37.90 0.24 1.51	41.29 0.31 3.62	42.52 0.31 1.09	37.46 0.59 0.00	35.77 0.25 0.00	32.23 0.10 0.00	29.64 0.12 0.00	27.52 0.08 0.00
CLINTON_WT_PWR 323605	29.74 -0.15 0.12	25.52 -0.18 0.01	23.54 -0.24 0.09	23.22 -0.24 0.09	22.25 -0.22 0.00	21.98 -0.20 0.00	20.82 -0.12 0.00	21.61 -0.11 0.00	22.99 -0.09 0.00	25.13 -0.23 0.13	26.21 -0.27 0.04	27.90 -0.20 0.32	30.95 -0.25 0.06	30.93 -0.34 0.14	31.48 -0.35 0.07	34.32 -0.21 0.29	38.53 -0.04 0.61	43.15 0.00 1.45	43.13 0.26 0.44	37.02 0.15 0.00	35.49 -0.04 0.00	31.91 -0.22 0.00	29.05 -0.47 0.00	26.86 -0.58 0.00
CLINTON___LFGE 323618	29.94 0.06 0.12	25.72 0.03 0.01	23.71 -0.07 0.09	23.38 -0.07 0.09	22.41 -0.07 0.00	22.14 -0.04 0.00	20.96 0.02 0.00	21.76 0.04 0.00	23.17 0.09 0.00	25.33 -0.03 0.13	26.40 -0.08 0.04	28.09 0.00 0.32	31.20 0.00 0.06	31.18 -0.09 0.14	31.73 -0.10 0.07	34.63 0.10 0.29	38.87 0.31 0.61	43.58 0.45 1.47	43.60 0.74 0.44	37.46 0.59 0.00	35.91 0.39 0.00	32.23 0.10 0.00	29.32 -0.21 0.00	27.08 -0.36 0.00
COBBLENY_34_KV_TB1 80064	29.24 -0.39 0.38	25.80 0.13 0.03	23.24 -0.36 0.26	22.83 -0.42 0.29	22.10 -0.40 -0.03	21.82 -0.40 -0.04	20.82 -0.13 0.00	21.41 -0.30 0.00	22.78 -0.30 0.00	24.91 -0.18 0.40	26.15 -0.24 0.13	27.37 -0.06 0.99	31.04 -0.03 0.19	30.69 -0.28 0.44	31.56 -0.13 0.21	33.50 -0.42 0.90	37.33 -0.55 1.30	41.01 -0.49 3.10	41.42 -0.95 0.94	36.88 0.00 0.00	35.41 -0.11 0.00	32.23 -0.22 -0.32	29.70 0.18 0.00	27.57 0.14 0.00
COFFEEN___115KV_TB3 355620	30.15 0.33 0.18	26.08 0.39 0.02	23.83 0.10 0.13	23.43 0.02 0.14	22.44 -0.04 -0.01	22.17 -0.02 -0.02	20.69 -0.25 0.00	21.32 -0.39 0.00	22.64 -0.44 0.00	24.49 -0.56 0.44	26.03 -0.34 0.14	27.05 -0.28 1.08	30.71 -0.34 0.21	30.52 -0.41 0.48	31.25 -0.21 0.23	33.63 -0.21 0.98	37.47 -0.24 1.47	41.09 0.00 3.51	42.94 0.69 1.06	37.72 0.85 0.00	36.23 0.71 0.00	32.39 0.26 0.00	29.61 0.09 0.00	27.35 -0.08 0.00
COLDSPRG_115KV_BK1 355956	29.81 0.18 0.37	26.39 0.72 0.03	23.56 -0.05 0.26	23.09 -0.16 0.29	22.55 0.04 -0.04	22.28 0.07 -0.04	21.28 0.34 0.00	22.00 0.28 0.00	23.43 0.35 0.00	25.71 0.61 0.40	27.00 0.61 0.13	28.27 0.82 0.97	31.95 0.88 0.19	31.58 0.60 0.43	32.36 0.67 0.21	34.29 0.35 0.88	38.26 0.35 1.27	42.20 0.62 3.03	42.48 0.09 0.91	37.80 0.92 0.00	36.30 0.78 0.00	33.08 0.61 -0.34	30.32 0.80 0.00	28.10 0.66 0.00
COLONIE_LFGE___ 323577	31.37 1.65 0.29	27.07 1.39 0.02	25.02 1.36 0.20	24.69 1.37 0.22	24.04 1.28 -0.29	23.68 1.26 -0.24	22.14 1.19 0.00	22.91 1.19 0.00	24.37 1.29 0.00	28.79 1.50 -1.80	28.66 1.56 -0.58	34.49 1.68 -4.40	33.99 1.88 -0.85	35.24 1.85 -1.97	34.71 1.88 -0.93	40.84 2.02 -4.00	47.67 2.23 -6.26	62.08 2.50 -14.98	50.17 2.34 -4.52	38.76 1.88 0.00	37.37 1.85 0.00	39.43 1.77 -5.53	31.09 1.56 0.00	28.92 1.48 0.00
COOPERNY_115KV_TB1 80082	31.15 1.38 0.24	26.84 1.16 0.02	24.82 1.12 0.17	24.44 1.08 0.18	23.62 1.01 -0.14	23.30 1.00 -0.13	21.87 0.92 0.00	22.73 1.02 0.00	24.17 1.08 0.00	26.93 1.22 -0.22	27.86 1.27 -0.07	30.25 1.31 -0.53	32.80 1.44 -0.10	33.13 1.48 -0.24	33.47 1.47 -0.11	36.91 1.60 -0.48	41.74 1.76 -0.80	48.53 2.01 -1.92	45.75 1.86 -0.58	38.24 1.36 0.00	36.80 1.28 0.00	34.75 1.29 -1.34	30.73 1.21 0.00	28.64 1.21 0.00
COPENHAGEN_WT_PWR 323753	29.89 0.06 0.18	25.82 0.13 0.01	23.62 -0.12 0.13	23.22 -0.19 0.14	22.24 -0.25 -0.01	21.97 -0.22 -0.02	20.57 -0.38 0.00	21.24 -0.48 0.00	22.53 -0.55 0.00	24.38 -0.66 0.44	25.87 -0.50 0.14	26.84 -0.48 1.09	30.55 -0.50 0.21	30.36 -0.56 0.49	31.09 -0.57 0.23	33.42 -0.42 0.99	37.23 -0.47 1.47	40.72 -0.36 3.52	42.38 0.13 1.06	37.39 0.52 0.00	35.80 0.28 0.00	32.07 -0.06 0.00	29.37 -0.15 0.00	27.16 -0.27 0.00
CORNELL___ 23752	30.69 0.96 0.28	26.58 0.90 0.02	24.36 0.69 0.19	23.99 0.66 0.21	23.12 0.61 -0.04	22.80 0.58 -0.05	21.47 0.52 0.00	22.28 0.56 0.00	23.64 0.55 0.00	25.76 0.61 0.34	27.07 0.66 0.11	28.29 0.71 0.84	31.88 0.78 0.16	31.79 0.75 0.38	32.55 0.83 0.18	34.93 0.87 0.76	39.11 1.02 1.08	43.40 1.38 2.59	44.05 1.52 0.78	38.46 1.59 0.00	36.87 1.35 0.00	33.57 1.00 -0.44	30.44 0.92 0.00	28.29 0.85 0.00
CORONA_AV_69_KV_TB1 355595	35.78 3.09 -2.68	34.74 2.60 -6.43	32.95 2.51 -6.58	30.77 2.40 -4.82	30.49 2.29 -5.73	30.47 2.24 -6.05	29.34 2.12 -6.28	30.72 2.35 -6.66	33.96 2.45 -8.44	35.09 2.78 -6.82	37.02 2.81 -7.69	37.49 2.93 -6.15	38.98 3.22 -4.50	41.58 3.33 -6.84	41.48 3.32 -6.27	44.88 3.66 -6.40	49.15 4.07 -5.90	53.17 4.59 -3.98	52.13 4.29 -4.53	44.81 3.21 -4.73	41.83 3.05 -3.25	39.01 3.02 -3.86	37.87 2.95 -5.40	36.92 2.85 -6.63
CORTLAND_115KV_TB3 80093	30.32 0.60 0.28	26.27 0.59 0.02	24.10 0.43 0.20	23.73 0.40 0.22	22.87 0.36 -0.04	22.57 0.35 -0.04	21.26 0.31 0.00	22.06 0.35 0.00	23.45 0.37 0.00	25.50 0.41 0.40	26.84 0.45 0.13	27.92 0.48 0.98	31.64 0.56 0.19	31.51 0.53 0.44	32.26 0.57 0.21	34.56 0.63 0.89	38.61 0.71 1.27	42.45 0.89 3.04	43.34 0.95 0.92	37.91 1.03 0.00	36.37 0.85 0.00	33.05 0.58 -0.34	30.08 0.56 0.00	27.93 0.49 0.00
COXSACKIE___GT 23611	32.67 2.94 0.28	28.05 2.36 0.02	25.82 2.15 0.19	25.48 2.14 0.21	24.61 1.89 -0.25	24.28 1.88 -0.22	22.72 1.78 0.00	23.10 1.39 0.00	24.51 1.43 0.00	27.99 1.50 -1.00	28.43 1.59 -0.32	32.53 1.68 -2.44	33.45 1.72 -0.47	34.27 1.76 -1.10	34.13 1.72 -0.52	38.99 1.95 -2.22	44.95 2.27 -3.50	55.78 2.81 -8.37	48.65 2.81 -2.53	39.20 2.32 0.00	37.97 2.45 0.00	37.81 2.28 -3.39	31.80 2.27 0.00	29.39 1.95 0.00
CPV_VALLEY___CC1 323721	31.32 1.56 0.25	26.97 1.28 0.02	24.98 1.29 0.17	24.60 1.25 0.19	23.81 1.17 -0.17	23.46 1.13 -0.15	22.01 1.07 0.00	22.91 1.19 0.00	24.33 1.25 0.00	27.21 1.40 -0.32	28.08 1.46 -0.10	30.68 1.48 -0.79	33.04 1.62 -0.15	33.43 1.66 -0.35	33.72 1.66 -0.17	37.38 1.84 -0.72	42.34 2.00 -1.17	49.66 2.27 -2.79	46.23 2.08 -0.84	38.20 1.33 0.00	36.91 1.38 0.00	35.22 1.48 -1.61	30.88 1.36 0.00	28.81 1.37 0.00

CPV_VALLEY___CC2 323722	31.32 1.56 0.25	26.97 1.28 0.02	24.98 1.29 0.17	24.60 1.25 0.19	23.81 1.17 -0.17	23.46 1.13 -0.15	22.01 1.07 0.00	22.91 1.19 0.00	24.33 1.25 0.00	27.21 1.40 -0.32	28.08 1.46 -0.10	30.68 1.48 -0.79	33.04 1.62 -0.15	33.43 1.66 -0.35	33.72 1.66 -0.17	37.38 1.84 -0.72	42.34 2.00 -1.17	49.66 2.27 -2.79	46.23 2.08 -0.84	38.20 1.33 0.00	36.91 1.38 0.00	35.22 1.48 -1.61	30.88 1.36 0.00	28.81 1.37 0.00
CRESCENT___HYD 24018	31.37 1.65 0.29	27.07 1.39 0.02	25.02 1.36 0.20	24.69 1.37 0.22	24.04 1.28 -0.29	23.68 1.26 -0.24	22.14 1.19 0.00	22.91 1.19 0.00	24.37 1.29 0.00	28.79 1.50 -1.80	28.66 1.56 -0.58	34.49 1.68 -4.40	33.99 1.88 -0.85	35.24 1.85 -1.97	34.71 1.88 -0.93	40.84 2.02 -4.00	47.67 2.23 -6.26	62.08 2.50 -14.98	50.17 2.34 -4.52	38.76 1.88 0.00	37.37 1.85 0.00	39.43 1.77 -5.53	31.09 1.56 0.00	28.92 1.48 0.00
CRICKET___VALLEY_CC1 323756	31.51 1.77 0.27	27.15 1.46 0.02	25.16 1.48 0.19	24.80 1.46 0.21	24.06 1.37 -0.22	23.75 1.38 -0.20	22.24 1.30 0.00	23.15 1.43 0.00	24.54 1.45 0.00	27.65 1.63 -0.52	28.33 1.64 -0.17	31.43 1.73 -1.28	33.42 1.91 -0.25	33.94 1.95 -0.58	34.11 1.95 -0.27	38.15 2.16 -1.16	43.35 2.31 -1.86	51.64 2.59 -4.46	47.04 2.38 -1.35	38.50 1.62 0.00	37.19 1.67 0.00	35.98 1.70 -2.14	31.09 1.56 0.00	29.03 1.59 0.00
CRICKET___VALLEY_CC2 323757	31.51 1.77 0.27	27.15 1.46 0.02	25.16 1.48 0.19	24.80 1.46 0.21	24.06 1.37 -0.22	23.75 1.38 -0.20	22.24 1.30 0.00	23.15 1.43 0.00	24.54 1.45 0.00	27.65 1.63 -0.52	28.33 1.64 -0.17	31.43 1.73 -1.28	33.42 1.91 -0.25	33.94 1.95 -0.58	34.11 1.95 -0.27	38.15 2.16 -1.16	43.35 2.31 -1.86	51.64 2.59 -4.46	47.04 2.38 -1.35	38.50 1.62 0.00	37.19 1.67 0.00	35.98 1.70 -2.14	31.09 1.56 0.00	29.03 1.59 0.00
CRICKET___VALLEY_CC3 323758	31.51 1.77 0.27	27.15 1.46 0.02	25.16 1.48 0.19	24.80 1.46 0.21	24.06 1.37 -0.22	23.75 1.38 -0.20	22.24 1.30 0.00	23.15 1.43 0.00	24.54 1.45 0.00	27.65 1.63 -0.52	28.33 1.64 -0.17	31.43 1.73 -1.28	33.42 1.91 -0.25	33.94 1.95 -0.58	34.11 1.95 -0.27	38.15 2.16 -1.16	43.35 2.31 -1.86	51.64 2.59 -4.46	47.04 2.38 -1.35	38.50 1.62 0.00	37.19 1.67 0.00	35.98 1.70 -2.14	31.09 1.56 0.00	29.03 1.59 0.00
CRUCIBLE_METL_DRP 24180	29.98 0.18 0.20	25.87 0.18 0.02	23.82 0.10 0.14	23.46 0.07 0.16	22.54 0.04 -0.02	22.25 0.04 -0.03	20.99 0.04 0.00	21.78 0.07 0.00	23.15 0.07 0.00	25.12 0.10 0.47	26.53 0.16 0.15	27.41 0.14 1.15	31.23 0.19 0.22	31.09 0.19 0.51	31.87 0.22 0.24	33.99 0.21 1.04	37.90 0.24 1.51	41.29 0.31 3.62	42.52 0.30 1.09	37.32 0.44 0.00	35.77 0.25 0.00	32.23 0.10 0.00	29.64 0.12 0.00	27.52 0.08 0.00
DAHOWA___HYDRO 323763	31.73 2.01 0.29	27.35 1.67 0.02	25.24 1.57 0.20	24.90 1.58 0.22	24.29 1.53 -0.29	23.91 1.49 -0.24	22.35 1.40 0.00	23.10 1.39 0.00	24.60 1.52 0.00	29.36 1.86 -2.01	29.16 1.99 -0.65	35.48 2.13 -4.94	34.59 2.37 -0.95	35.89 2.26 -2.21	35.30 2.36 -1.05	41.77 2.47 -4.48	48.97 2.78 -7.01	64.59 3.21 -16.77	51.45 3.08 -5.07	39.42 2.54 0.00	38.04 2.52 0.00	40.59 2.34 -6.11	31.53 2.01 0.00	29.22 1.78 0.00
DANC___LFGE 323619	29.76 -0.09 0.15	25.67 -0.03 0.01	23.57 -0.19 0.11	23.19 -0.24 0.12	22.22 -0.27 -0.01	21.93 -0.27 -0.02	20.59 -0.36 0.00	21.28 -0.43 0.00	22.60 -0.49 0.00	24.47 -0.56 0.46	25.92 -0.45 0.15	26.87 -0.43 1.12	30.58 -0.47 0.22	30.41 -0.50 0.50	31.14 -0.51 0.24	33.32 -0.49 1.02	37.12 -0.55 1.50	40.51 -0.49 3.60	42.05 -0.17 1.09	37.10 0.22 0.00	35.52 0.00 0.00	31.91 -0.22 0.00	29.28 -0.24 0.00	27.11 -0.33 0.00
DANSKAMMER___1 23586	32.17 2.43 0.26	27.69 2.01 0.02	25.61 1.93 0.18	25.20 1.86 0.20	24.41 1.73 -0.20	24.05 1.68 -0.19	22.52 1.57 0.00	23.36 1.65 0.00	24.79 1.71 0.00	27.86 1.91 -0.46	28.63 1.96 -0.15	31.58 2.05 -1.12	33.67 2.19 -0.22	34.18 2.26 -0.50	34.36 2.23 -0.24	38.35 2.51 -1.02	43.55 2.74 -1.63	51.67 3.17 -3.91	47.44 2.95 -1.18	38.94 2.06 0.00	37.65 2.13 0.00	36.29 2.19 -1.97	31.56 2.04 0.00	29.41 1.98 0.00
DANSKAMMER___2 23589	32.17 2.43 0.26	27.69 2.01 0.02	25.61 1.93 0.18	25.20 1.86 0.20	24.41 1.73 -0.20	24.05 1.68 -0.19	22.52 1.57 0.00	23.36 1.65 0.00	24.79 1.71 0.00	27.86 1.91 -0.46	28.63 1.96 -0.15	31.58 2.05 -1.12	33.67 2.19 -0.22	34.18 2.26 -0.50	34.36 2.23 -0.24	38.35 2.51 -1.02	43.55 2.74 -1.63	51.67 3.17 -3.91	47.44 2.95 -1.18	38.94 2.06 0.00	37.65 2.13 0.00	36.29 2.19 -1.97	31.56 2.04 0.00	29.41 1.98 0.00
DANSKAMMER___3 23590	32.17 2.43 0.26	27.69 2.01 0.02	25.61 1.93 0.18	25.20 1.86 0.20	24.41 1.73 -0.20	24.05 1.68 -0.19	22.52 1.57 0.00	23.36 1.65 0.00	24.79 1.71 0.00	27.86 1.91 -0.46	28.63 1.96 -0.15	31.58 2.05 -1.12	33.67 2.19 -0.22	34.18 2.26 -0.50	34.36 2.23 -0.24	38.35 2.51 -1.02	43.55 2.74 -1.63	51.67 3.17 -3.91	47.44 2.95 -1.18	38.94 2.06 0.00	37.65 2.13 0.00	36.29 2.19 -1.97	31.56 2.04 0.00	29.41 1.98 0.00
DANSKAMMER___4 23591	32.17 2.43 0.26	27.69 2.01 0.02	25.61 1.93 0.18	25.20 1.86 0.20	24.41 1.73 -0.20	24.05 1.68 -0.19	22.52 1.57 0.00	23.36 1.65 0.00	24.79 1.71 0.00	27.86 1.91 -0.46	28.63 1.96 -0.15	31.58 2.05 -1.12	33.67 2.19 -0.22	34.18 2.26 -0.50	34.36 2.23 -0.24	38.35 2.51 -1.02	43.55 2.74 -1.63	51.67 3.17 -3.91	47.44 2.95 -1.18	38.94 2.06 0.00	37.65 2.13 0.00	36.29 2.19 -1.97	31.56 2.04 0.00	29.41 1.98 0.00
DANSKAMMER___DIESEL 23592	32.18 2.43 0.26	27.71 2.03 0.02	25.61 1.93 0.18	25.20 1.86 0.20	24.41 1.73 -0.20	24.05 1.69 -0.19	22.51 1.57 0.00	23.36 1.65 0.00	24.79 1.71 0.00	27.86 1.91 -0.46	28.63 1.96 -0.15	31.58 2.05 -1.12	33.67 2.19 -0.22	34.18 2.26 -0.50	34.36 2.23 -0.24	38.31 2.47 -1.02	43.55 2.74 -1.63	51.67 3.17 -3.91	47.44 2.95 -1.18	39.09 2.21 0.00	37.65 2.13 0.00	36.28 2.18 -1.97	31.59 2.07 0.00	29.41 1.98 0.00
DARBY___SOLAR 323810	31.70 1.98 0.29	27.33 1.65 0.02	25.24 1.57 0.20	24.90 1.58 0.22	24.27 1.51 -0.29	23.91 1.49 -0.24	22.33 1.38 0.00	23.10 1.39 0.00	24.60 1.52 0.00	29.34 1.86 -1.99	29.12 1.96 -0.64	35.39 2.10 -4.87	34.55 2.35 -0.94	35.86 2.26 -2.18	35.26 2.33 -1.03	41.72 2.47 -4.42	48.84 2.74 -6.93	64.33 3.17 -16.56	51.30 2.99 -5.00	39.35 2.47 0.00	37.97 2.45 0.00	40.46 2.28 -6.04	31.50 1.98 0.00	29.19 1.76 0.00
DASHVILLE___HYD 23610	31.69 1.95 0.26	27.28 1.59 0.02	25.23 1.55 0.19	24.82 1.48 0.20	23.94 1.26 -0.21	23.70 1.33 -0.19	22.16 1.21 0.00	22.99 1.28 0.00	24.35 1.27 0.00	27.39 1.33 -0.58	28.06 1.35 -0.19	31.19 1.36 -1.42	32.98 1.44 -0.27	33.56 1.51 -0.64	33.63 1.44 -0.30	37.78 1.67 -1.29	43.03 1.80 -2.05	51.56 2.05 -4.91	46.70 1.91 -1.48	38.24 1.36 0.00	36.84 1.31 0.00	35.80 1.38 -2.29	31.03 1.51 0.00	28.95 1.51 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	37.46 4.77 -2.68	36.20 4.06 -6.43	34.14 3.70 -6.58	31.87 3.51 -4.82	31.53 3.33 -5.73	31.53 3.30 -6.05	30.33 3.10 -6.28	31.78 3.41 -6.66	35.23 3.72 -8.44	36.57 4.26 -6.82	38.61 4.40 -7.69	39.28 4.66 -6.20	42.33 5.10 -5.97	45.37 5.25 -8.71	46.57 5.23 -9.45	52.30 5.82 -11.66	53.21 6.50 -7.53	59.24 7.31 -7.32	65.57 6.93 -15.32	54.19 5.53 -11.78	52.48 5.19 -11.77	51.48 4.79 -14.56	43.84 4.61 -9.71	38.61 4.39 -6.78
DELAWARE___LFGE 323621	30.96 1.26 0.31	26.81 1.13 0.03	24.65 1.00 0.22	24.29 0.99 0.24	23.47 0.92 -0.08	23.18 0.93 -0.07	21.76 0.82 0.00	22.60 0.89 0.00	24.05 0.97 0.00	26.68 1.10 -0.10	27.72 1.17 -0.03	29.87 1.22 -0.23	32.65 1.34 -0.04	32.87 1.35 -0.10	33.31 1.37 -0.05	36.49 1.46 -0.21	41.15 1.57 -0.41	47.41 1.83 -0.98	45.43 1.82 -0.30	38.46 1.59 0.00	36.94 1.42 0.00	34.78 1.25 -1.40	30.67 1.15 0.00	28.51 1.07 0.00
DERFIELD_115KV_TB7 355931	29.71 0.18 0.48	25.82 0.15 0.04	23.67 0.14 0.34	23.32 0.14 0.37	22.59 0.11 0.00	22.30 0.11 -0.01	21.03 0.08 0.00	21.82 0.11 0.00	23.20 0.12 0.00	24.95 0.15 0.69	26.48 0.19 0.22	26.91 0.20 1.70	31.19 0.25 0.33	30.87 0.22 0.76	31.79 0.26 0.36	33.52 0.24 1.54	37.15 0.20 2.22	39.51 0.22 5.31	41.92 0.22 1.60	37.13 0.26 0.00	35.63 0.11 0.00	32.20 0.06 0.00	29.61 0.09 0.00	27.52 0.08 0.00
DOGLEVILLE___HYD 23807	29.92 0.39 0.48	26.05 0.39 0.04	23.84 0.31 0.34	23.46 0.28 0.37	22.72 0.25 0.00	22.41 0.22 -0.01	21.07 0.13 0.00	21.82 0.11 0.00	23.22 0.14 0.00	25.03 0.23 0.69	26.56 0.27 0.22	27.00 0.28 1.70	31.25 0.31 0.33	31.00 0.35 0.76	31.92 0.38 0.36	33.70 0.42 1.54	37.35 0.39 2.22	39.87 0.58 5.31	42.36 0.65 1.60	37.65 0.78 0.00	36.05 0.53 0.00	32.52 0.39 0.00	29.88 0.36 0.00	27.79 0.36 0.00
DUNKIRK___115KV_TB_200 55889	29.57 -0.06 0.38	26.01 0.33 0.03	23.46 -0.14 0.27	22.99 -0.26 0.29	22.26 -0.25 -0.03	21.97 -0.24 -0.04	20.99 0.04 0.00	21.65 -0.07 0.00	23.03 -0.05 0.00	25.21 0.13 0.41	26.49 0.11 0.13	27.70 0.28 0.99	31.39 0.31 0.19	31.00 0.03 0.45	31.78 0.10 0.21	33.75 -0.17 0.90	37.60 -0.27 1.30	41.27 -0.22 3.11	41.68 -0.69 0.94	37.13 0.26 0.00	35.66 0.14 0.00	32.45 0.00 -0.32	29.85 0.32 0.00	27.68 0.25 0.00
DUNKIRK___1 23563	29.57 -0.06 0.38	26.01 0.33 0.03	23.46 -0.14 0.27	22.99 -0.26 0.29	22.26 -0.25 -0.03	21.97 -0.24 -0.04	20.99 0.04 0.00	21.65 -0.07 0.00	23.03 -0.05 0.00	25.21 0.13 0.41	26.49 0.11 0.13	27.70 0.28 0.99	31.39 0.31 0.19	31.00 0.03 0.45	31.78 0.10 0.21	33.75 -0.17 0.90	37.60 -0.27 1.30	41.27 -0.22 3.11	41.68 -0.69 0.94	37.13 0.26 0.00	35.66 0.14 0.00	32.45 0.00 -0.32	29.85 0.32 0.00	27.68 0.25 0.00
DUNKIRK___2 23564	29.57 -0.06 0.38	26.01 0.33 0.03	23.46 -0.14 0.27	22.99 -0.26 0.29	22.26 -0.25 -0.03	21.97 -0.24 -0.04	20.99 0.04 0.00	21.65 -0.07 0.00	23.03 -0.05 0.00	25.21 0.13 0.41	26.49 0.11 0.13	27.70 0.28 0.99	31.39 0.31 0.19	31.00 0.03 0.45	31.78 0.10 0.21	33.75 -0.17 0.90	37.60 -0.27 1.30	41.27 -0.22 3.11	41.68 -0.69 0.94	37.13 0.26 0.00	35.66 0.14 0.00	32.45 0.00 -0.32	29.85 0.32 0.00	27.68 0.25 0.00
DUNKIRK___3 23565	29.36 -0.27 0.38	25.85 0.18 0.03	23.31 -0.29 0.27	22.88 -0.38 0.29	22.12 -0.38 -0.03	21.84 -0.38 -0.04	20.86 -0.08 0.00	21.47 -0.24 0.00	22.87 -0.21 0.00	25.03 -0.05 0.41	26.28 -0.11 0.13	27.47 0.06 0.99	31.14 0.06 0.19	30.78 -0.19 0.45	31.59 -0.10 0.21	33.54 -0.38 0.90	37.36 -0.51 1.30	41.00 -0.49 3.11	41.42 -0.95 0.94	36.91 0.04 0.00	35.41 -0.11 0.00	32.26 -0.19 -0.32	29.67 0.15 0.00	27.55 0.11 0.00
DUNKIRK___4 23566	29.36 -0.27 0.38	25.85 0.18 0.03	23.31 -0.29 0.27	22.88 -0.38 0.29	22.12 -0.38 -0.03	21.84 -0.38 -0.04	20.86 -0.08 0.00	21.47 -0.24 0.00	22.87 -0.21 0.00	25.03 -0.05 0.41	26.28 -0.11 0.13	27.47 0.06 0.99	31.14 0.06 0.19	30.78 -0.19 0.45	31.59 -0.10 0.21	33.54 -0.38 0.90	37.36 -0.51 1.30	41.00 -0.49 3.11	41.42 -0.95 0.94	36.91 0.04 0.00	35.41 -0.11 0.00	32.26 -0.19 -0.32	29.67 0.15 0.00	27.55 0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.15 2.40 0.26	27.69 2.00 0.02	25.64 1.96 0.18	25.20 1.86 0.20	24.43 1.75 -0.20	24.09 1.73 -0.19	22.58 1.63 0.00	23.56 1.85 0.00	25.02 1.94 0.00	28.18 2.24 -0.45	28.97 2.31 -0.15	31.90 2.39 -1.10	34.10 2.63 -0.21	34.58 2.67 -0.49	34.78 2.65 -0.23	38.78 2.96 -1.00	44.04 3.25 -1.61	52.11 3.66 -3.85	47.85 3.38 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.46 2.38 -1.95	31.79 2.27 0.00	29.66 2.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.85 2.10 0.26	27.43 1.75 0.02	25.38 1.69 0.18	24.95 1.60 0.20	24.17 1.51 -0.20	23.82 1.46 -0.18	22.31 1.36 0.00	23.19 1.48 0.00	24.60 1.52 0.00	27.63 1.71 -0.43	28.41 1.75 -0.14	31.28 1.82 -1.05	33.40 1.94 -0.20	33.90 2.01 -0.47	34.09 1.98 -0.22	38.00 2.23 -0.95	43.14 2.43 -1.53	51.08 2.81 -3.67	47.02 2.60 -1.11	38.76 1.88 0.00	37.33 1.81 0.00	35.92 1.90 -1.89	31.32 1.80 0.00	29.19 1.76 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.51 2.76 0.25	27.95 2.26 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.83 2.11 -0.01	25.25 2.17 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.19 2.67 -1.10	34.49 3.00 -0.22	34.96 3.05 -0.50	35.13 3.00 -0.24	39.21 3.38 -1.01	44.36 3.56 -1.62	52.20 3.75 -3.85	48.16 3.68 -1.17	39.35 2.47 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.13 2.60 -0.01	30.00 2.55 -0.01
E179THST_13_KV_LOAD 356214	32.72 2.97 0.25	28.08 2.39 0.01	26.03 2.34 0.18	25.54 2.19 0.19	24.77 2.09 -0.21	24.41 2.04 -0.19	22.88 1.93 -0.01	23.94 2.21 -0.01	25.37 2.29 0.00	28.62 2.68 -0.45	29.40 2.73 -0.15	32.36 2.84 -1.10	34.67 3.19 -0.22	35.15 3.24 -0.50	35.33 3.19 -0.24	39.45 3.62 -1.01	44.63 3.84 -1.62	52.51 4.06 -3.85	48.47 3.98 -1.17	39.57 2.69 0.00	38.19 2.66 0.00	36.98 2.89 -1.96	32.30 2.78 -0.01	30.13 2.69 -0.01
EAST HAMPTON___GT 23717	38.24 5.55 -2.68	36.82 4.68 -6.43	34.71 4.27 -6.58	32.44 4.07 -4.82	32.04 3.84 -5.73	32.07 3.84 -6.05	30.85 3.62 -6.28	32.32 3.95 -6.66	35.88 4.36 -8.44	37.31 5.00 -6.82	39.43 5.22 -7.69	40.16 5.54 -6.20	43.27 6.04 -5.97	46.29 6.16 -8.71	47.50 6.16 -9.45	53.38 6.90 -11.66	54.35 7.64 -7.53	62.74 8.65 -9.48	66.87 8.23 -15.33	55.19 6.53 -11.78	53.37 6.07 -11.77	52.32 5.62 -14.57	44.58 5.35 -9.71	39.27 5.05 -6.78
EAST RIVER___6 23660	32.29 2.55 0.26	27.74 2.06 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.66 1.72 0.00	23.65 1.93 0.00	25.09 2.01 0.00	28.21 2.27 -0.45	28.95 2.28 -0.15	31.85 2.33 -1.10	34.07 2.59 -0.21	34.55 2.64 -0.49	34.77 2.65 -0.23	38.82 3.00 -1.00	44.11 3.33 -1.61	52.15 3.70 -3.85	47.89 3.42 -1.16	38.94 2.06 0.00	37.62 2.10 0.00	36.36 2.28 -1.95	31.74 2.22 0.00	29.63 2.20 0.00

EAST RIVER___7 23524	32.29 2.55 0.26	27.74 2.06 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.66 1.72 0.00	23.65 1.93 0.00	25.09 2.01 0.00	28.21 2.27 -0.45	28.95 2.28 -0.15	31.85 2.33 -1.10	34.07 2.59 -0.21	34.55 2.64 -0.49	34.77 2.65 -0.23	38.82 3.00 -1.00	44.11 3.33 -1.61	52.15 3.70 -3.85	47.89 3.42 -1.16	38.94 2.06 0.00	37.62 2.10 0.00	36.36 2.28 -1.95	31.74 2.22 0.00	29.63 2.20 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.06 2.31 0.26	27.61 1.93 0.02	25.57 1.89 0.18	25.13 1.79 0.20	24.36 1.69 -0.20	24.03 1.66 -0.18	22.51 1.57 0.00	23.49 1.78 0.00	24.95 1.87 0.00	28.08 2.14 -0.45	28.86 2.20 -0.15	31.78 2.27 -1.10	34.01 2.53 -0.21	34.48 2.58 -0.49	34.68 2.55 -0.23	38.67 2.86 -1.00	43.91 3.13 -1.60	51.96 3.52 -3.84	47.72 3.25 -1.16	39.20 2.32 0.00	37.72 2.20 0.00	36.36 2.28 -1.94	31.68 2.16 0.00	29.55 2.11 0.00
EAST_HAMPTON___DIESEL 23722	38.27 5.58 -2.68	36.84 4.70 -6.43	34.73 4.29 -6.58	32.46 4.10 -4.82	32.07 3.87 -5.73	32.09 3.86 -6.05	30.85 3.62 -6.28	32.34 3.97 -6.66	35.90 4.39 -8.44	37.33 5.02 -6.82	39.43 5.22 -7.69	40.19 5.57 -6.20	43.30 6.07 -5.97	46.32 6.19 -8.71	47.53 6.19 -9.45	53.38 6.90 -11.66	54.35 7.64 -7.53	62.78 8.70 -9.48	66.91 8.27 -15.33	55.19 6.53 -11.78	53.37 6.07 -11.77	52.36 5.66 -14.57	44.58 5.35 -9.71	39.29 5.08 -6.78
EAST_PULASKI___ESR 323781	29.72 -0.21 0.08	25.54 -0.15 0.01	23.57 -0.24 0.06	23.22 -0.26 0.06	22.22 -0.27 -0.02	21.93 -0.27 -0.02	20.65 -0.29 0.00	21.39 -0.33 0.00	22.71 -0.37 0.00	24.61 -0.41 0.47	26.02 -0.34 0.15	26.90 -0.37 1.15	30.67 -0.38 0.22	30.49 -0.41 0.51	31.24 -0.41 0.24	33.33 -0.45 1.04	37.10 -0.55 1.53	40.41 -0.54 3.65	41.86 -0.35 1.10	36.77 -0.11 0.00	35.27 -0.25 0.00	31.81 -0.32 0.00	29.20 -0.32 0.00	27.11 -0.33 0.00
EAST_RIVER___1 323558	32.33 2.58 0.26	27.76 2.08 0.02	25.73 2.05 0.18	25.30 1.95 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.69 1.98 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.70 2.79 -0.49	34.90 2.77 -0.23	38.96 3.14 -1.00	44.23 3.45 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.13 2.25 0.00	37.80 2.28 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
EAST_RIVER___2 323559	32.29 2.55 0.26	27.74 2.06 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.66 1.72 0.00	23.65 1.93 0.00	25.09 2.01 0.00	28.21 2.27 -0.45	28.95 2.28 -0.15	31.85 2.33 -1.10	34.07 2.59 -0.21	34.55 2.64 -0.49	34.77 2.65 -0.23	38.82 3.00 -1.00	44.11 3.33 -1.61	52.15 3.70 -3.85	47.89 3.42 -1.16	38.94 2.06 0.00	37.62 2.10 0.00	36.36 2.28 -1.95	31.74 2.22 0.00	29.63 2.20 0.00
EAST___DELAWARE_HYD 23607	31.94 2.19 0.25	27.46 1.77 0.02	25.38 1.69 0.18	24.95 1.60 0.19	24.11 1.46 -0.18	23.76 1.42 -0.16	22.24 1.30 0.00	23.06 1.35 0.00	24.44 1.36 0.00	27.36 1.48 -0.39	28.16 1.51 -0.13	30.93 1.56 -0.96	33.10 1.66 -0.18	33.57 1.73 -0.43	33.79 1.69 -0.20	37.64 1.95 -0.87	42.70 2.11 -1.41	50.50 2.54 -3.36	46.75 2.42 -1.02	38.50 1.62 0.00	37.19 1.67 0.00	35.66 1.73 -1.79	31.20 1.68 0.00	29.08 1.65 0.00
EIGHT_POINT___WT_PWR 323820	30.20 0.54 0.35	26.55 0.87 0.03	23.96 0.33 0.24	23.54 0.26 0.27	22.76 0.25 -0.04	22.47 0.24 -0.04	21.30 0.36 0.00	21.97 0.26 0.00	23.40 0.32 0.00	25.51 0.38 0.37	26.74 0.34 0.12	27.99 0.48 0.90	31.65 0.56 0.17	31.42 0.41 0.40	32.24 0.54 0.19	34.39 0.38 0.82	38.47 0.47 1.17	42.60 0.80 2.80	43.20 0.74 0.85	38.68 1.81 0.00	36.62 1.10 0.00	33.29 0.77 -0.39	30.55 1.03 0.00	28.23 0.80 0.00
ELBRIDGE_115KV_TB2 80188	29.88 0.06 0.19	25.77 0.08 0.02	23.73 0.00 0.13	23.37 -0.02 0.15	22.45 -0.04 -0.02	22.16 -0.04 -0.03	20.90 -0.04 0.00	21.69 -0.02 0.00	23.06 -0.02 0.00	25.03 0.00 0.46	26.40 0.03 0.15	27.31 0.03 1.13	31.11 0.06 0.22	30.94 0.03 0.51	31.75 0.10 0.24	33.83 0.03 1.02	37.72 0.04 1.49	41.13 0.09 3.56	42.32 0.09 1.08	37.13 0.26 0.00	35.63 0.11 0.00	32.28 -0.03 -0.18	29.52 0.00 0.00	27.44 0.00 0.00
ELEC_TRO_TEK 24086	35.51 2.82 -2.68	34.50 2.36 -6.43	32.73 2.29 -6.58	30.55 2.19 -4.82	30.27 2.07 -5.73	30.27 2.04 -6.05	29.16 1.93 -6.28	30.52 2.15 -6.66	33.76 2.24 -8.44	34.89 2.57 -6.82	36.78 2.57 -7.69	37.20 2.64 -6.15	38.67 2.91 -4.50	41.27 3.02 -6.84	41.16 3.00 -6.27	44.53 3.31 -6.40	48.76 3.68 -5.90	52.68 4.10 -3.98	51.70 3.85 -4.53	44.44 2.84 -4.73	41.47 2.70 -3.25	38.69 2.70 -3.86	37.57 2.66 -5.40	36.65 2.58 -6.63
ELLENBURG_WT_PWR 323604	29.74 -0.15 0.12	25.52 -0.18 0.01	23.54 -0.24 0.09	23.22 -0.24 0.09	22.25 -0.22 0.00	21.98 -0.20 0.00	20.82 -0.12 0.00	21.61 -0.11 0.00	22.99 -0.09 0.00	25.13 -0.23 0.13	26.21 -0.27 0.04	27.90 -0.20 0.32	30.95 -0.25 0.06	30.93 -0.34 0.14	31.48 -0.35 0.07	34.32 -0.21 0.29	38.53 0.00 0.61	43.15 0.00 1.45	43.13 0.26 0.44	37.02 0.15 0.00	35.49 -0.04 0.00	31.91 -0.22 0.00	29.05 -0.47 0.00	26.86 -0.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.11 -0.51 0.39	25.57 -0.10 0.03	23.17 -0.43 0.27	22.73 -0.52 0.30	21.92 -0.58 -0.03	21.62 -0.60 -0.04	20.65 -0.29 0.00	21.19 -0.52 0.00	22.53 -0.55 0.00	24.62 -0.46 0.42	25.85 -0.53 0.13	27.00 -0.40 1.02	30.66 -0.41 0.20	30.30 -0.66 0.46	31.14 -0.54 0.22	33.03 -0.87 0.92	36.78 -1.06 1.33	40.25 -1.16 3.19	40.79 -1.56 0.96	36.36 -0.52 0.00	34.92 -0.60 0.00	31.76 -0.67 -0.30	29.34 -0.18 0.00	27.24 -0.19 0.00
EMPIRE_CC_1 323656	30.96 1.23 0.28	26.71 1.03 0.02	24.79 1.12 0.19	24.46 1.13 0.21	23.80 1.08 -0.26	23.47 1.06 -0.23	21.93 0.98 0.00	22.63 0.91 0.00	24.05 0.97 0.00	27.47 1.12 -0.86	27.94 1.14 -0.28	31.74 1.22 -2.11	33.01 1.34 -0.41	33.71 1.35 -0.95	33.74 1.40 -0.45	38.20 1.46 -1.92	43.77 1.57 -3.03	53.54 1.69 -7.24	47.10 1.60 -2.19	38.06 1.18 0.00	36.73 1.21 0.00	36.35 1.19 -3.03	30.58 1.06 0.00	28.51 1.07 0.00
EMPIRE_CC_2 323658	30.96 1.23 0.28	26.71 1.03 0.02	24.79 1.12 0.19	24.46 1.13 0.21	23.80 1.08 -0.26	23.47 1.06 -0.23	21.93 0.98 0.00	22.63 0.91 0.00	24.05 0.97 0.00	27.47 1.12 -0.86	27.94 1.14 -0.28	31.74 1.22 -2.11	33.01 1.34 -0.41	33.71 1.35 -0.95	33.74 1.40 -0.45	38.20 1.46 -1.92	43.77 1.57 -3.03	53.54 1.69 -7.24	47.10 1.60 -2.19	38.06 1.18 0.00	36.73 1.21 0.00	36.35 1.19 -3.03	30.58 1.06 0.00	28.51 1.07 0.00
ENORWICH_115KV_TB1 80156	32.24 2.52 0.29	28.07 2.39 0.02	25.59 1.93 0.20	25.18 1.86 0.22	24.24 1.71 -0.06	23.97 1.73 -0.06	22.41 1.47 0.00	23.21 1.50 0.00	24.60 1.52 0.00	26.98 1.68 0.19	28.23 1.78 0.06	29.90 1.96 0.47	33.36 2.19 0.09	33.34 2.14 0.21	33.93 2.14 0.10	36.73 2.33 0.43	41.23 2.62 0.57	46.77 3.52 1.36	46.97 4.07 0.41	40.82 3.95 0.00	39.18 3.66 0.00	35.56 2.67 -0.77	31.88 2.36 0.00	29.52 2.09 0.00

ERIE_ST__34_KV_TB1-2 80199	28.91 -0.72 0.38	25.75 0.08 0.03	22.95 -0.64 0.27	22.52 -0.73 0.29	21.99 -0.52 -0.03	21.73 -0.49 -0.04	20.76 -0.19 0.00	21.34 -0.37 0.00	22.73 -0.35 0.00	24.85 -0.23 0.41	26.15 -0.24 0.13	27.33 -0.09 1.00	31.04 -0.03 0.19	30.68 -0.28 0.45	31.52 -0.16 0.21	33.53 -0.38 0.91	37.36 -0.51 1.31	41.02 -0.45 3.13	41.41 -0.95 0.95	36.88 0.00 0.00	35.41 -0.11 0.00	32.22 -0.22 -0.31	29.64 0.12 0.00	27.52 0.08 0.00
ERIE_WT_PWR 323693	29.18 -0.45 0.38	25.85 0.18 0.03	23.24 -0.36 0.27	22.78 -0.47 0.29	22.03 -0.47 -0.03	21.73 -0.49 -0.04	20.76 -0.19 0.00	21.32 -0.39 0.00	22.69 -0.39 0.00	24.77 -0.30 0.41	26.01 -0.37 0.13	27.21 -0.20 1.01	30.88 -0.19 0.19	30.49 -0.47 0.45	31.33 -0.35 0.21	33.21 -0.70 0.91	37.07 -0.78 1.32	40.65 -0.80 3.15	41.15 -1.21 0.95	37.39 0.52 0.00	35.20 -0.32 0.00	32.02 -0.42 -0.31	29.73 0.21 0.00	27.44 0.00 0.00
ESPRGFLD_115KV_TB1 80157	31.51 1.80 0.30	27.27 1.59 0.03	25.06 1.41 0.21	24.68 1.37 0.23	23.75 1.30 0.02	23.44 1.31 0.04	22.12 1.17 0.00	22.93 1.22 0.00	24.37 1.29 0.00	28.25 1.48 -1.28	28.47 1.54 -0.42	33.21 1.65 -3.14	33.68 1.81 -0.60	34.61 1.79 -1.41	34.41 1.85 -0.67	39.66 1.98 -2.85	45.95 2.27 -4.50	58.22 2.85 -10.76	49.51 2.95 -3.25	39.57 2.69 0.00	38.04 2.52 0.00	38.66 2.18 -4.34	31.44 1.92 0.00	29.11 1.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.63 0.90 0.28	26.53 0.85 0.02	24.32 0.64 0.19	23.95 0.61 0.21	23.08 0.56 -0.04	22.76 0.53 -0.05	21.45 0.50 0.00	22.23 0.52 0.00	23.61 0.53 0.00	25.73 0.59 0.34	27.02 0.61 0.11	28.23 0.65 0.84	31.85 0.75 0.16	31.76 0.72 0.38	32.48 0.77 0.18	34.86 0.80 0.76	39.07 0.98 1.08	43.30 1.29 2.59	43.96 1.43 0.78	38.39 1.51 0.00	36.80 1.28 0.00	33.50 0.93 -0.44	30.38 0.86 0.00	28.23 0.80 0.00
ETNA____115KV_TB2 80207	30.63 0.90 0.28	26.53 0.85 0.02	24.32 0.64 0.19	23.95 0.61 0.21	23.08 0.56 -0.04	22.76 0.53 -0.05	21.45 0.50 0.00	22.23 0.52 0.00	23.61 0.53 0.00	25.73 0.59 0.34	27.02 0.61 0.11	28.23 0.65 0.84	31.85 0.75 0.16	31.76 0.72 0.38	32.48 0.77 0.18	34.86 0.80 0.76	39.07 0.98 1.08	43.30 1.29 2.59	43.96 1.43 0.78	38.39 1.51 0.00	36.80 1.28 0.00	33.50 0.93 -0.44	30.38 0.86 0.00	28.23 0.80 0.00
EUCLID____115KV_TB2 356179	29.49 -0.21 0.31	25.50 -0.18 0.03	23.43 -0.21 0.22	23.07 -0.24 0.24	22.24 -0.25 -0.02	21.96 -0.24 -0.02	20.73 -0.21 0.00	21.50 -0.22 0.00	22.83 -0.25 0.00	24.77 -0.23 0.49	26.15 -0.21 0.16	26.98 -0.23 1.21	30.78 -0.25 0.23	30.59 -0.28 0.54	31.38 -0.26 0.26	33.41 -0.31 1.10	37.23 -0.35 1.60	40.42 -0.36 3.82	41.77 -0.39 1.15	36.73 -0.15 0.00	35.20 -0.32 0.00	31.75 -0.39 0.00	29.20 -0.32 0.00	27.14 -0.30 0.00
E_CANADA_CAP_HY 24051	31.93 2.22 0.30	27.58 1.90 0.02	25.35 1.69 0.21	25.01 1.70 0.23	24.43 1.62 -0.34	24.07 1.60 -0.30	22.41 1.47 0.00	23.15 1.43 0.00	24.58 1.50 0.00	28.94 1.73 -1.71	28.88 1.80 -0.55	34.54 1.93 -4.19	34.17 2.09 -0.81	35.37 2.07 -1.88	34.95 2.17 -0.89	40.96 2.33 -3.80	47.85 2.70 -5.97	62.32 3.43 -14.28	51.13 3.51 -4.31	40.05 3.17 0.00	38.58 3.06 0.00	40.39 2.86 -5.40	32.03 2.51 0.00	29.58 2.14 0.00
E_CANADA_MHWK_HY 24050	29.92 0.39 0.48	26.05 0.39 0.04	23.84 0.31 0.34	23.46 0.28 0.37	22.72 0.25 0.00	22.41 0.22 -0.01	21.07 0.13 0.00	21.82 0.11 0.00	23.22 0.14 0.00	25.03 0.23 0.69	26.56 0.27 0.22	27.00 0.28 1.70	31.25 0.31 0.33	31.00 0.35 0.76	31.92 0.38 0.36	33.70 0.42 1.54	37.35 0.39 2.22	39.87 0.58 5.31	42.36 0.65 1.60	37.65 0.78 0.00	36.05 0.53 0.00	32.52 0.39 0.00	29.88 0.36 0.00	27.79 0.36 0.00
E_FISHKILL____LBMP 23776	31.75 2.01 0.26	27.35 1.67 0.02	25.33 1.65 0.18	24.92 1.58 0.20	24.19 1.51 -0.21	23.85 1.49 -0.19	22.33 1.38 0.00	23.25 1.54 0.00	24.70 1.62 0.00	27.82 1.86 -0.47	28.55 1.88 -0.15	31.52 1.96 -1.15	33.64 2.16 -0.22	34.13 2.20 -0.52	34.31 2.17 -0.24	38.27 2.40 -1.04	43.48 2.62 -1.68	51.60 2.99 -4.01	47.25 2.73 -1.21	38.87 1.99 0.00	37.40 1.88 0.00	36.09 1.96 -2.00	31.35 1.83 0.00	29.25 1.81 0.00
FALCON____SEABRD_CC1 323796	30.04 0.15 0.12	25.80 0.10 0.01	23.78 0.00 0.09	23.45 0.00 0.09	22.47 0.00 0.00	22.20 0.02 0.00	21.03 0.08 0.00	21.82 0.11 0.00	23.22 0.14 0.00	25.38 0.03 0.13	26.48 0.00 0.04	28.15 0.06 0.32	31.30 0.09 0.06	31.24 -0.03 0.14	31.79 -0.03 0.07	34.71 0.17 0.29	38.96 0.39 0.61	43.63 0.49 1.46	43.65 0.78 0.44	37.46 0.59 0.00	35.91 0.39 0.00	32.26 0.13 0.00	29.37 -0.15 0.00	27.14 -0.30 0.00
FALCON____SEABRD_CC2 323797	30.04 0.15 0.12	25.80 0.10 0.01	23.78 0.00 0.09	23.45 0.00 0.09	22.47 0.00 0.00	22.20 0.02 0.00	21.03 0.08 0.00	21.82 0.11 0.00	23.22 0.14 0.00	25.38 0.03 0.13	26.48 0.00 0.04	28.15 0.06 0.32	31.30 0.09 0.06	31.24 -0.03 0.14	31.79 -0.03 0.07	34.71 0.17 0.29	38.96 0.39 0.61	43.63 0.49 1.46	43.65 0.78 0.44	37.46 0.59 0.00	35.91 0.39 0.00	32.26 0.13 0.00	29.37 -0.15 0.00	27.14 -0.30 0.00
FAR ROCKAWAY____4 23548	36.14 3.45 -2.68	35.04 2.90 -6.43	33.21 2.77 -6.58	31.03 2.66 -4.82	30.74 2.54 -5.73	30.74 2.51 -6.05	29.57 2.35 -6.28	30.95 2.58 -6.66	34.22 2.70 -8.44	35.42 3.11 -6.82	37.28 3.08 -7.69	37.77 3.21 -6.15	39.29 3.53 -4.50	41.93 3.68 -6.84	41.83 3.67 -6.27	45.29 4.07 -6.40	49.54 4.47 -5.90	53.66 5.08 -3.98	52.65 4.81 -4.53	45.22 3.61 -4.73	42.22 3.45 -3.25	39.33 3.34 -3.86	38.17 3.25 -5.40	37.17 3.10 -6.63
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.36 2.61 0.26	27.82 2.13 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.54 1.87 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.04 2.53 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.93 2.81 -0.23	38.96 3.13 -1.00	44.27 3.49 -1.61	52.33 3.88 -3.85	48.07 3.59 -1.16	39.35 2.47 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.97 2.45 0.00	29.82 2.39 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.36 2.61 0.26	27.84 2.16 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.54 1.87 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.93 2.81 -0.23	38.96 3.13 -1.00	44.27 3.49 -1.61	52.33 3.88 -3.85	48.07 3.59 -1.16	39.35 2.47 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.97 2.45 0.00	29.85 2.41 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.33 2.58 0.26	27.82 2.13 0.02	25.76 2.08 0.18	25.30 1.95 0.20	24.54 1.87 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.69 1.98 0.00	25.14 2.05 0.00	28.34 2.40 -0.45	29.10 2.44 -0.15	32.04 2.53 -1.10	34.26 2.78 -0.21	34.74 2.83 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.23 3.45 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.94 2.42 0.00	29.82 2.39 0.00

FARRAGUT___LBMP 323566	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.87 2.74 -0.23	38.89 3.06 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.27 2.40 0.00	37.79 2.27 0.00	36.49 2.41 -1.95	31.91 2.39 0.00	29.80 2.36 0.00
FENNER___WINDPWR 24204	30.43 0.75 0.33	26.40 0.72 0.03	24.18 0.55 0.23	23.81 0.52 0.25	22.97 0.47 -0.02	22.67 0.47 -0.03	21.32 0.38 0.00	22.10 0.39 0.00	23.50 0.42 0.00	25.49 0.48 0.48	26.89 0.53 0.16	27.82 0.60 1.19	31.72 0.69 0.23	31.57 0.69 0.53	32.34 0.70 0.25	34.51 0.77 1.08	38.45 0.82 1.55	41.96 1.07 3.71	43.36 1.17 1.12	38.20 1.33 0.00	36.51 0.99 0.00	33.01 0.68 -0.21	30.17 0.65 0.00	27.99 0.55 0.00
FIBERTEK___ENERGY 23856	29.98 0.18 0.20	25.87 0.18 0.02	23.82 0.10 0.14	23.46 0.07 0.16	22.54 0.04 -0.02	22.25 0.04 -0.03	20.99 0.04 0.00	21.78 0.07 0.00	23.15 0.07 0.00	25.12 0.10 0.47	26.53 0.16 0.15	27.41 0.14 1.15	31.23 0.19 0.22	31.09 0.19 0.51	31.87 0.22 0.24	33.99 0.21 1.04	37.90 0.24 1.51	41.29 0.31 3.62	42.52 0.30 1.09	37.32 0.44 0.00	35.77 0.25 0.00	32.23 0.10 0.00	29.64 0.12 0.00	27.52 0.08 0.00
FITZPATRICK____ 23598	27.90 -0.72 1.39	25.00 -0.59 0.11	22.30 -0.60 0.97	21.87 -0.61 1.07	21.90 -0.58 -0.01	21.62 -0.58 -0.02	20.42 -0.52 0.00	21.17 -0.54 0.00	22.48 -0.60 0.00	24.33 -0.66 0.49	25.70 -0.66 0.16	26.49 -0.71 1.21	30.28 -0.75 0.23	30.09 -0.78 0.54	30.87 -0.77 0.26	32.85 -0.87 1.10	36.55 -1.02 1.61	39.64 -1.11 3.84	41.02 -1.13 1.16	36.17 -0.70 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.75 -0.77 0.00	26.70 -0.74 0.00
FLOWFLD_69_KV_BK1 356044	36.29 3.60 -2.68	35.20 3.06 -6.43	33.30 2.86 -6.58	31.07 2.71 -4.82	30.76 2.56 -5.73	30.76 2.53 -6.05	29.62 2.39 -6.28	31.00 2.63 -6.66	34.33 2.82 -8.44	35.50 3.19 -6.82	37.39 3.18 -7.69	37.93 3.30 -6.23	41.11 3.63 -6.22	44.15 3.71 -9.03	45.57 3.70 -9.98	49.53 4.00 -10.71	51.49 4.51 -7.81	59.07 4.91 -9.57	66.79 4.59 -18.89	53.36 3.54 -12.94	53.55 3.45 -14.58	53.57 3.34 -18.10	43.28 3.34 -10.42	37.52 3.26 -6.82
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.27 2.52 0.26	27.79 2.11 0.02	25.69 2.00 0.18	25.27 1.93 0.20	24.45 1.78 -0.21	24.09 1.73 -0.19	22.58 1.63 0.00	23.41 1.69 0.00	24.84 1.75 0.00	27.91 1.96 -0.46	28.68 2.02 -0.15	31.64 2.10 -1.13	33.73 2.25 -0.22	34.24 2.32 -0.50	34.40 2.26 -0.24	38.38 2.54 -1.02	43.64 2.82 -1.64	51.78 3.26 -3.93	47.53 3.03 -1.19	39.16 2.29 0.00	37.72 2.20 0.00	36.36 2.25 -1.97	31.65 2.13 0.00	29.49 2.06 0.00
FORT ORANGE____ 23900	31.11 1.38 0.28	26.81 1.13 0.02	24.79 1.12 0.20	24.46 1.13 0.22	23.80 1.06 -0.27	23.45 1.04 -0.23	21.93 0.98 0.00	22.65 0.93 0.00	24.05 0.97 0.00	27.89 1.12 -1.28	28.10 1.17 -0.41	32.79 1.25 -3.13	33.24 1.37 -0.60	34.20 1.38 -1.40	33.96 1.40 -0.66	39.19 1.53 -2.84	45.32 1.68 -4.47	57.20 1.92 -10.68	48.31 1.78 -3.23	38.24 1.37 0.00	36.91 1.38 0.00	37.62 1.35 -4.14	30.73 1.21 0.00	28.59 1.15 0.00
FORT_DRUM_COGEN 23780	29.88 0.06 0.19	25.84 0.15 0.02	23.59 -0.14 0.13	23.21 -0.19 0.15	22.24 -0.25 -0.01	21.97 -0.22 -0.02	20.55 -0.40 0.00	21.19 -0.52 0.00	22.50 -0.58 0.00	24.34 -0.71 0.44	25.85 -0.53 0.14	26.83 -0.51 1.07	30.53 -0.53 0.21	30.37 -0.57 0.48	31.09 -0.57 0.23	33.43 -0.42 0.98	37.24 -0.47 1.46	40.80 -0.31 3.49	42.56 0.30 1.05	37.36 0.48 0.00	35.88 0.36 0.00	32.10 -0.03 0.00	29.37 -0.15 0.00	27.16 -0.27 0.00
FPL_FAR_ROCK_GT1 24212	36.14 3.45 -2.68	35.02 2.88 -6.43	33.21 2.77 -6.58	31.03 2.66 -4.82	30.74 2.54 -5.73	30.74 2.51 -6.06	29.58 2.35 -6.29	30.96 2.58 -6.66	34.22 2.70 -8.44	35.42 3.11 -6.82	37.28 3.07 -7.69	37.77 3.21 -6.15	39.29 3.53 -4.50	41.92 3.67 -6.84	41.83 3.67 -6.27	45.29 4.07 -6.40	49.54 4.46 -5.90	53.66 5.08 -3.98	52.65 4.81 -4.53	45.11 3.51 -4.73	42.18 3.41 -3.25	39.33 3.34 -3.86	38.14 3.22 -5.40	37.17 3.10 -6.64
FPL_FAR_ROCK_GT2 23815	36.14 3.45 -2.68	35.02 2.88 -6.43	33.21 2.77 -6.58	31.03 2.66 -4.82	30.74 2.54 -5.73	30.74 2.51 -6.06	29.58 2.35 -6.29	30.96 2.58 -6.66	34.22 2.70 -8.44	35.42 3.11 -6.82	37.28 3.07 -7.69	37.77 3.21 -6.15	39.29 3.53 -4.50	41.92 3.67 -6.84	41.83 3.67 -6.27	45.29 4.07 -6.40	49.54 4.46 -5.90	53.66 5.08 -3.98	52.65 4.81 -4.53	45.11 3.51 -4.73	42.18 3.41 -3.25	39.33 3.34 -3.86	38.14 3.22 -5.40	37.17 3.10 -6.64
FRANKLIN_FALL_HYD 24054	29.52 -0.36 0.13	25.39 -0.31 0.01	23.37 -0.41 0.09	23.07 -0.38 0.10	22.11 -0.36 0.00	21.85 -0.33 -0.01	20.69 -0.25 0.00	21.45 -0.26 0.00	22.90 -0.18 0.00	25.00 -0.33 0.16	26.10 -0.37 0.05	27.72 -0.31 0.38	30.85 -0.34 0.07	30.80 -0.44 0.17	31.37 -0.45 0.08	34.13 -0.35 0.35	38.30 -0.20 0.68	42.84 -0.13 1.63	42.99 0.17 0.49	36.99 0.11 0.00	35.45 -0.07 0.00	31.84 -0.29 0.00	28.99 -0.53 0.00	26.75 -0.69 0.00
FREEPORT_EQUS_GT1 23764	35.93 3.24 -2.68	34.84 2.70 -6.43	33.04 2.60 -6.58	30.86 2.49 -4.82	30.56 2.36 -5.73	30.56 2.33 -6.05	29.43 2.20 -6.29	30.80 2.43 -6.66	34.06 2.54 -8.44	35.22 2.90 -6.82	37.12 2.92 -7.69	37.60 3.04 -6.15	39.11 3.35 -4.50	41.74 3.49 -6.84	41.64 3.48 -6.27	45.08 3.86 -6.40	49.35 4.27 -5.90	53.39 4.82 -3.98	52.35 4.50 -4.53	44.88 3.28 -4.73	41.97 3.20 -3.25	39.17 3.18 -3.86	37.99 3.07 -5.40	37.04 2.96 -6.63
FREEPORT___CT2 23818	35.93 3.24 -2.68	34.84 2.70 -6.43	33.04 2.60 -6.58	30.86 2.49 -4.82	30.56 2.36 -5.73	30.56 2.33 -6.05	29.43 2.20 -6.29	30.80 2.43 -6.66	34.06 2.54 -8.44	35.22 2.90 -6.82	37.12 2.92 -7.69	37.60 3.04 -6.15	39.11 3.35 -4.50	41.74 3.49 -6.84	41.64 3.48 -6.27	45.08 3.86 -6.40	49.35 4.27 -5.90	53.39 4.82 -3.98	52.35 4.50 -4.53	44.88 3.28 -4.73	41.97 3.20 -3.25	39.17 3.18 -3.86	37.99 3.07 -5.40	37.04 2.96 -6.63
FRESHKLS_33_KV_LOAD 356253	32.42 2.67 0.26	27.71 2.03 0.02	25.71 2.03 0.18	25.20 1.86 0.21	24.44 1.78 -0.20	24.08 1.73 -0.18	22.55 1.61 0.01	23.64 1.93 0.01	25.06 1.98 0.01	28.30 2.37 -0.44	29.07 2.41 -0.14	32.04 2.53 -1.10	34.31 2.85 -0.20	34.82 2.92 -0.49	35.02 2.90 -0.23	39.05 3.24 -0.99	44.23 3.45 -1.60	52.19 3.75 -3.84	48.06 3.59 -1.16	39.27 2.40 0.01	37.93 2.42 0.01	36.71 2.63 -1.94	32.02 2.51 0.01	29.82 2.39 0.01
FULTON COGEN____ 23766	29.60 -0.36 0.05	25.39 -0.31 0.00	23.50 -0.33 0.04	23.15 -0.35 0.04	22.15 -0.34 -0.02	21.85 -0.35 -0.02	20.61 -0.34 0.00	21.37 -0.35 0.00	22.69 -0.39 0.00	24.61 -0.41 0.48	25.97 -0.40 0.15	26.82 -0.43 1.17	30.60 -0.44 0.22	30.42 -0.47 0.52	31.20 -0.45 0.25	33.24 -0.52 1.06	37.04 -0.59 1.55	40.27 -0.62 3.70	41.59 -0.61 1.12	36.54 -0.33 0.00	35.06 -0.46 0.00	31.59 -0.55 0.00	29.05 -0.47 0.00	27.00 -0.44 0.00



FULTON___LFGE 323630	33.70 3.99 0.30	29.05 3.37 0.02	26.64 2.98 0.21	26.28 2.97 0.23	25.65 2.85 -0.33	25.25 2.79 -0.28	23.56 2.62 0.00	24.19 2.47 0.00	25.62 2.54 0.00	30.24 2.85 -1.89	30.13 3.00 -0.61	36.18 3.13 -4.64	35.60 3.44 -0.89	36.86 3.36 -2.08	36.45 3.57 -0.98	42.79 3.76 -4.21	50.32 4.54 -6.60	66.32 5.93 -15.79	54.27 6.19 -4.77	42.52 5.64 0.00	41.06 5.54 0.00	42.96 4.98 -5.85	33.86 4.34 0.00	31.09 3.65 0.00
G.F.CEMENT___DRP 24184	31.88 2.16 0.29	27.48 1.80 0.02	25.33 1.67 0.20	24.99 1.67 0.22	24.38 1.62 -0.30	24.00 1.57 -0.25	22.43 1.49 0.00	23.19 1.48 0.00	24.77 1.68 0.00	29.61 2.06 -2.06	29.44 2.25 -0.67	35.84 2.39 -5.04	34.89 2.66 -0.97	36.22 2.54 -2.26	35.58 2.62 -1.07	42.18 2.79 -4.58	49.43 3.09 -7.16	65.34 3.61 -17.13	51.91 3.42 -5.17	39.83 2.95 0.00	38.40 2.88 0.00	40.96 2.60 -6.23	31.77 2.24 0.00	29.33 1.89 0.00
GARDENVILLE___LBMP 24039	29.11 -0.51 0.38	25.62 -0.05 0.03	23.17 -0.43 0.27	22.73 -0.52 0.29	21.97 -0.54 -0.03	21.68 -0.53 -0.04	20.69 -0.25 0.00	21.26 -0.46 0.00	22.62 -0.46 0.00	24.70 -0.38 0.41	25.96 -0.42 0.13	27.12 -0.28 1.01	30.76 -0.31 0.19	30.40 -0.57 0.45	31.23 -0.45 0.21	33.17 -0.73 0.92	36.95 -0.90 1.32	40.46 -0.98 3.16	40.97 -1.39 0.95	36.51 -0.37 0.00	35.06 -0.46 0.00	31.89 -0.55 -0.30	29.43 -0.09 0.00	27.33 -0.11 0.00
GARDNVLA_35_KV_LD 355827	29.20 -0.42 0.38	25.72 0.05 0.03	23.24 -0.36 0.27	22.80 -0.45 0.29	22.03 -0.47 -0.03	21.75 -0.47 -0.04	20.78 -0.17 0.00	21.34 -0.37 0.00	22.71 -0.37 0.00	24.80 -0.28 0.41	26.07 -0.32 0.13	27.24 -0.17 1.01	30.91 -0.16 0.19	30.56 -0.41 0.45	31.39 -0.29 0.21	33.32 -0.59 0.91	37.15 -0.71 1.32	40.69 -0.76 3.15	41.19 -1.17 0.95	36.69 -0.18 0.00	35.24 -0.28 0.00	32.05 -0.39 -0.31	29.58 0.06 0.00	27.46 0.03 0.00
GELCKHM___115KV_LOAD 80723	29.65 -0.09 0.27	25.61 -0.08 0.02	23.56 -0.12 0.19	23.20 -0.14 0.21	22.33 -0.16 -0.02	22.05 -0.16 -0.03	20.82 -0.13 0.00	21.58 -0.13 0.00	22.94 -0.14 0.00	24.88 -0.13 0.48	26.26 -0.11 0.16	27.12 -0.11 1.18	30.94 -0.09 0.23	30.76 -0.13 0.53	31.55 -0.10 0.25	33.61 -0.14 1.07	37.45 -0.16 1.56	40.73 -0.13 3.74	42.01 -0.17 1.13	36.91 0.04 0.00	35.41 -0.11 0.00	31.91 -0.22 0.00	29.34 -0.18 0.00	27.27 -0.16 0.00
GENERAL___MILLS 23808	29.14 -0.48 0.38	25.70 0.03 0.03	23.19 -0.41 0.27	22.76 -0.49 0.29	22.01 -0.49 -0.03	21.73 -0.49 -0.04	20.73 -0.21 0.00	21.30 -0.41 0.00	22.67 -0.42 0.00	24.75 -0.33 0.41	26.01 -0.37 0.13	27.18 -0.23 1.01	30.85 -0.22 0.19	30.49 -0.47 0.45	31.33 -0.35 0.21	33.25 -0.66 0.91	37.03 -0.82 1.32	40.60 -0.85 3.15	41.10 -1.26 0.95	36.62 -0.26 0.00	35.17 -0.36 0.00	31.99 -0.45 -0.31	29.52 0.00 0.00	27.41 -0.03 0.00
GE_PLASTICS___DRP 24183	30.93 1.20 0.28	26.68 1.00 0.02	24.67 1.00 0.20	24.34 1.01 0.22	23.71 0.97 -0.27	23.37 0.95 -0.23	21.82 0.88 0.00	22.58 0.87 0.00	24.00 0.92 0.00	27.70 1.07 -1.14	28.00 1.11 -0.37	32.36 1.16 -2.79	33.08 1.28 -0.54	33.95 1.29 -1.25	33.79 1.31 -0.59	38.74 1.39 -2.53	44.68 1.53 -3.98	55.82 1.69 -9.52	47.75 1.56 -2.88	38.13 1.25 0.00	36.69 1.17 0.00	37.05 1.16 -3.76	30.61 1.09 0.00	28.48 1.04 0.00
GILBOA___1 23756	30.89 1.17 0.29	26.66 0.98 0.02	24.62 0.96 0.20	24.33 1.01 0.22	23.64 0.97 -0.20	23.31 0.95 -0.18	21.76 0.82 0.00	22.58 0.87 0.00	24.01 0.92 0.00	26.90 1.07 -0.34	27.72 1.09 -0.11	30.39 1.14 -0.84	32.68 1.25 -0.16	33.08 1.29 -0.38	33.35 1.28 -0.18	36.98 1.39 -0.77	41.92 1.49 -1.25	49.20 1.60 -2.99	45.69 1.47 -0.90	38.06 1.18 0.00	36.66 1.14 0.00	35.04 1.12 -1.78	30.55 1.03 0.00	28.45 1.02 0.00
GILBOA___2 23757	30.89 1.17 0.29	26.66 0.98 0.02	24.62 0.96 0.20	24.33 1.01 0.22	23.64 0.97 -0.20	23.31 0.95 -0.18	21.76 0.82 0.00	22.58 0.87 0.00	24.01 0.92 0.00	26.90 1.07 -0.34	27.72 1.09 -0.11	30.39 1.14 -0.84	32.68 1.25 -0.16	33.08 1.29 -0.38	33.35 1.28 -0.18	36.98 1.39 -0.77	41.92 1.49 -1.25	49.20 1.60 -2.99	45.69 1.47 -0.90	38.06 1.18 0.00	36.66 1.14 0.00	35.04 1.12 -1.78	30.55 1.03 0.00	28.45 1.02 0.00
GILBOA___3 23758	30.89 1.17 0.29	26.66 0.98 0.02	24.62 0.96 0.20	24.33 1.01 0.22	23.64 0.97 -0.20	23.31 0.95 -0.18	21.76 0.82 0.00	22.58 0.87 0.00	24.01 0.92 0.00	26.90 1.07 -0.34	27.72 1.09 -0.11	30.39 1.14 -0.84	32.68 1.25 -0.16	33.08 1.29 -0.38	33.35 1.28 -0.18	36.98 1.39 -0.77	41.92 1.49 -1.25	49.20 1.60 -2.99	45.69 1.47 -0.90	38.06 1.18 0.00	36.66 1.14 0.00	35.04 1.12 -1.78	30.55 1.03 0.00	28.45 1.02 0.00
GILBOA___4 23759	30.89 1.17 0.29	26.66 0.98 0.02	24.62 0.96 0.20	24.33 1.01 0.22	23.64 0.97 -0.20	23.31 0.95 -0.18	21.76 0.82 0.00	22.58 0.87 0.00	24.01 0.92 0.00	26.90 1.07 -0.34	27.72 1.09 -0.11	30.39 1.14 -0.84	32.68 1.25 -0.16	33.08 1.29 -0.38	33.35 1.28 -0.18	36.98 1.39 -0.77	41.92 1.49 -1.25	49.20 1.60 -2.99	45.69 1.47 -0.90	38.06 1.18 0.00	36.66 1.14 0.00	35.04 1.12 -1.78	30.55 1.03 0.00	28.45 1.02 0.00
GILBOA___ 23599	30.89 1.17 0.29	26.68 1.00 0.02	24.62 0.95 0.20	24.33 1.01 0.22	23.64 0.97 -0.20	23.31 0.95 -0.18	21.76 0.82 0.00	22.58 0.87 0.00	24.00 0.92 0.00	26.90 1.07 -0.34	27.72 1.09 -0.11	30.39 1.14 -0.84	32.68 1.25 -0.16	33.08 1.29 -0.38	33.35 1.28 -0.18	36.98 1.39 -0.77	41.92 1.49 -1.25	49.20 1.61 -2.99	45.69 1.47 -0.90	38.09 1.22 0.00	36.66 1.14 0.00	35.04 1.12 -1.78	30.58 1.06 0.00	28.45 1.02 0.00
GINNA___ 23603	28.49 -1.11 0.41	24.77 -0.90 0.03	22.63 -0.96 0.28	22.27 -0.97 0.31	21.35 -1.15 -0.02	21.03 -1.18 -0.03	19.98 -0.96 0.00	20.63 -1.09 0.00	21.95 -1.13 0.00	23.86 -1.17 0.46	25.23 -1.14 0.15	26.06 -1.22 1.13	29.83 -1.22 0.22	29.62 -1.29 0.51	30.38 -1.28 0.24	32.26 -1.53 1.03	36.07 -1.61 1.50	39.19 -1.83 3.58	40.24 -1.99 1.08	35.96 -0.92 0.00	34.10 -1.42 0.00	30.92 -1.41 -0.20	28.49 -1.03 0.00	26.31 -1.13 0.00
GLEN PARK___ 23778	30.06 0.24 0.18	26.00 0.31 0.02	23.76 0.02 0.13	23.36 -0.05 0.14	22.37 -0.11 -0.01	22.11 -0.09 -0.02	20.65 -0.29 0.00	21.28 -0.43 0.00	22.57 -0.51 0.00	24.41 -0.64 0.44	25.98 -0.40 0.14	26.99 -0.34 1.08	30.62 -0.44 0.21	30.43 -0.50 0.48	31.15 -0.51 0.23	33.56 -0.28 0.98	37.39 -0.31 1.47	40.96 -0.13 3.51	42.68 0.43 1.06	37.73 0.85 0.00	36.12 0.60 0.00	32.26 0.13 0.00	29.55 0.03 0.00	27.27 -0.16 0.00
GLENDALE_27_KV_LOAD 356172	32.57 2.82 0.26	27.97 2.29 0.02	25.92 2.24 0.18	25.44 2.10 0.20	24.68 2.00 -0.20	24.31 1.95 -0.19	22.79 1.84 0.00	23.84 2.13 0.00	25.30 2.22 0.00	28.54 2.60 -0.45	29.32 2.65 -0.15	32.27 2.76 -1.10	34.54 3.06 -0.21	35.02 3.11 -0.49	35.19 3.06 -0.23	39.28 3.45 -1.01	44.51 3.72 -1.61	52.47 4.01 -3.85	48.33 3.85 -1.16	39.53 2.66 0.00	38.11 2.59 0.00	36.85 2.76 -1.95	32.18 2.66 0.00	30.02 2.58 0.00

GLENWOOD_IC_1_G5 23712	35.57 2.88 -2.68	34.56 2.42 -6.43	32.76 2.31 -6.58	30.58 2.21 -4.82	30.31 2.11 -5.73	30.31 2.08 -6.05	29.20 1.97 -6.28	30.56 2.19 -6.66	33.82 2.31 -8.44	34.96 2.65 -6.82	36.94 2.73 -7.69	37.40 2.84 -6.15	38.89 3.13 -4.50	41.27 3.02 -6.84	41.16 3.00 -6.27	44.56 3.34 -6.40	48.76 3.68 -5.90	52.72 4.15 -3.98	51.70 3.85 -4.53	44.41 2.80 -4.73	41.43 2.66 -3.25	38.88 2.89 -3.86	37.66 2.75 -5.40	36.73 2.66 -6.63
GLENWOOD_IC_2_G1 23688	35.33 2.64 -2.68	34.32 2.18 -6.43	32.56 2.12 -6.58	30.41 2.05 -4.82	30.13 1.93 -5.73	30.14 1.91 -6.05	29.03 1.80 -6.28	30.39 2.02 -6.66	33.62 2.10 -8.44	34.73 2.42 -6.82	36.70 2.49 -7.69	37.14 2.59 -6.15	38.61 2.84 -4.50	41.14 2.89 -6.84	41.04 2.87 -6.27	44.42 3.20 -6.40	48.60 3.53 -5.90	52.54 3.97 -3.98	51.52 3.68 -4.53	44.15 2.54 -4.73	41.33 2.56 -3.25	38.59 2.60 -3.86	37.37 2.45 -5.40	36.49 2.42 -6.63
GLENWOOD_IC_3_G1 23689	35.33 2.64 -2.68	34.32 2.18 -6.43	32.56 2.12 -6.58	30.41 2.05 -4.82	30.13 1.93 -5.73	30.14 1.91 -6.05	29.03 1.80 -6.28	30.39 2.02 -6.66	33.62 2.10 -8.44	34.73 2.42 -6.82	36.70 2.49 -7.69	37.14 2.59 -6.15	38.61 2.84 -4.50	41.14 2.89 -6.84	41.04 2.87 -6.27	44.42 3.20 -6.40	48.60 3.53 -5.90	52.54 3.97 -3.98	51.52 3.68 -4.53	44.15 2.54 -4.73	41.33 2.56 -3.25	38.59 2.60 -3.86	37.37 2.45 -5.40	36.49 2.42 -6.63
GLENWOOD___4 23550	35.57 2.88 -2.68	34.56 2.42 -6.43	32.76 2.31 -6.58	30.58 2.21 -4.82	30.31 2.11 -5.73	30.31 2.08 -6.05	29.20 1.97 -6.28	30.56 2.19 -6.66	33.82 2.31 -8.44	34.96 2.65 -6.82	36.94 2.73 -7.69	37.40 2.84 -6.15	38.89 3.13 -4.50	41.33 3.08 -6.84	41.26 3.09 -6.27	44.63 3.41 -6.40	48.84 3.76 -5.90	52.81 4.24 -3.98	51.78 3.94 -4.53	44.52 2.91 -4.73	41.54 2.77 -3.25	38.88 2.89 -3.86	37.66 2.75 -5.40	36.73 2.66 -6.63
GLENWOOD___5 23614	35.57 2.88 -2.68	34.56 2.42 -6.43	32.76 2.31 -6.58	30.58 2.21 -4.82	30.31 2.11 -5.73	30.31 2.08 -6.05	29.20 1.97 -6.28	30.56 2.19 -6.66	33.82 2.31 -8.44	34.96 2.65 -6.82	36.94 2.73 -7.69	37.40 2.84 -6.15	38.89 3.13 -4.50	41.33 3.08 -6.84	41.26 3.09 -6.27	44.63 3.41 -6.40	48.84 3.76 -5.90	52.81 4.24 -3.98	51.78 3.94 -4.53	44.52 2.91 -4.73	41.54 2.77 -3.25	38.88 2.89 -3.86	37.66 2.75 -5.40	36.73 2.66 -6.63
GLOBAL GREEN_PORT_GT1 23814	38.09 5.40 -2.68	36.67 4.53 -6.43	34.59 4.15 -6.58	32.32 3.95 -4.82	31.93 3.73 -5.73	31.93 3.70 -6.05	30.73 3.50 -6.28	32.19 3.82 -6.66	35.72 4.20 -8.44	37.13 4.82 -6.82	39.22 5.01 -7.69	39.96 5.34 -6.20	43.05 5.81 -5.97	46.10 5.97 -8.71	47.31 5.96 -9.45	53.14 6.65 -11.67	54.12 7.41 -7.53	62.47 8.38 -9.48	66.61 7.97 -15.33	54.97 6.30 -11.79	53.19 5.90 -11.77	52.16 5.46 -14.57	44.40 5.16 -9.71	39.13 4.91 -6.78
GLOBE___DSASP 323697	28.50 -1.11 0.39	24.90 -0.77 0.03	22.78 -0.81 0.27	22.37 -0.87 0.30	21.42 -1.08 -0.03	21.13 -1.09 -0.04	20.02 -0.92 0.00	20.50 -1.22 0.00	21.77 -1.32 0.00	23.71 -1.35 0.43	24.92 -1.46 0.14	25.98 -1.39 1.04	29.53 -1.53 0.20	29.16 -1.79 0.47	29.95 -1.72 0.22	31.79 -2.09 0.95	35.34 -2.47 1.37	38.47 -2.85 3.27	39.16 -3.16 0.99	35.00 -1.88 0.00	33.64 -1.88 0.00	30.58 -1.83 -0.28	28.34 -1.18 0.00	26.37 -1.07 0.00
GOETHSLN___LBMP 323567	32.21 2.46 0.26	27.69 2.00 0.02	25.64 1.96 0.18	25.18 1.84 0.20	24.43 1.75 -0.20	24.09 1.73 -0.19	22.58 1.63 0.00	23.58 1.87 0.00	25.04 1.96 0.00	28.23 2.29 -0.45	29.00 2.33 -0.15	31.90 2.39 -1.10	34.10 2.63 -0.21	34.55 2.64 -0.49	34.71 2.58 -0.23	38.71 2.89 -1.00	43.96 3.17 -1.61	51.97 3.52 -3.85	47.72 3.25 -1.16	39.05 2.18 0.00	37.58 2.06 0.00	36.33 2.25 -1.95	31.82 2.30 0.00	29.69 2.25 0.00
GOLAH___69_KV_TB 1_2 80279	29.64 0.03 0.40	25.77 0.10 0.03	23.70 0.12 0.28	23.31 0.07 0.31	22.32 -0.18 -0.03	21.99 -0.22 -0.03	20.94 0.00 0.00	21.47 -0.24 0.00	22.78 -0.30 0.00	24.83 -0.20 0.46	26.21 -0.16 0.15	27.18 -0.11 1.12	30.92 -0.13 0.21	30.69 -0.22 0.50	31.53 -0.13 0.24	33.63 -0.17 1.01	37.55 -0.16 1.47	40.77 -0.31 3.52	41.73 -0.52 1.06	36.95 0.07 0.00	35.52 0.00 0.00	32.22 -0.13 -0.22	29.67 0.15 0.00	27.49 0.05 0.00
GOODYEAR_LAKE_HYD 323669	31.20 1.50 0.31	27.02 1.34 0.03	24.84 1.19 0.22	24.46 1.15 0.24	23.60 1.08 -0.05	23.30 1.09 -0.04	21.91 0.96 0.00	22.76 1.04 0.00	24.21 1.13 0.00	27.22 1.27 -0.45	28.02 1.35 -0.15	30.97 1.45 -1.11	33.07 1.59 -0.21	33.51 1.60 -0.50	33.72 1.59 -0.24	37.57 1.74 -1.01	42.70 1.88 -1.64	50.80 2.27 -3.93	46.84 2.34 -1.19	38.94 2.07 0.00	37.44 1.92 0.00	36.02 1.61 -2.28	30.97 1.45 0.00	28.73 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.13 0.42 0.30	26.22 0.54 0.02	23.97 0.31 0.21	23.57 0.26 0.23	22.78 0.25 -0.06	22.48 0.24 -0.06	21.22 0.27 0.00	22.00 0.28 0.00	23.40 0.32 0.00	25.66 0.41 0.24	26.86 0.42 0.08	28.30 0.48 0.59	31.68 0.53 0.11	31.65 0.50 0.26	32.31 0.54 0.13	34.84 0.56 0.54	39.02 0.59 0.74	43.59 0.76 1.77	43.43 0.65 0.53	37.72 0.85 0.00	36.20 0.67 0.00	33.26 0.48 -0.64	30.02 0.50 0.00	27.90 0.47 0.00
GOUDEY___7 23579	30.16 0.45 0.30	26.25 0.57 0.02	23.99 0.33 0.21	23.60 0.28 0.23	22.80 0.27 -0.06	22.51 0.27 -0.06	21.24 0.29 0.00	22.02 0.30 0.00	23.45 0.37 0.00	25.71 0.46 0.24	26.92 0.48 0.08	28.33 0.51 0.59	31.74 0.59 0.11	31.68 0.53 0.26	32.37 0.61 0.13	34.88 0.59 0.54	39.10 0.67 0.74	43.63 0.80 1.77	43.51 0.74 0.53	37.76 0.89 0.00	36.23 0.71 0.00	33.32 0.55 -0.64	30.08 0.56 0.00	27.96 0.52 0.00
GOUDEY___8 23580	30.13 0.42 0.30	26.22 0.54 0.02	23.97 0.31 0.21	23.57 0.26 0.23	22.78 0.25 -0.06	22.48 0.24 -0.06	21.22 0.27 0.00	22.00 0.28 0.00	23.40 0.32 0.00	25.66 0.41 0.24	26.86 0.42 0.08	28.30 0.48 0.59	31.68 0.53 0.11	31.65 0.50 0.26	32.31 0.54 0.13	34.84 0.56 0.54	39.02 0.59 0.74	43.59 0.76 1.77	43.43 0.65 0.53	37.72 0.85 0.00	36.20 0.67 0.00	33.26 0.48 -0.64	30.02 0.50 0.00	27.90 0.47 0.00
GOWANUS_GT1_1 24077	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT1_2 24078	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00

GOWANUS_GT1_3 24079	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT1_4 24080	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT1_5 24084	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT1_6 24111	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT1_7 24112	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT1_8 24113	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT2_1 24114	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT2_2 24115	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT2_3 24116	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT2_4 24117	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT2_5 24118	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT2_6 24119	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT2_7 24120	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT2_8 24121	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT3_1 24122	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00

GOWANUS_GT3_2 24123	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT3_3 24124	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT3_4 24125	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT3_5 24126	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT3_6 24127	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT3_7 24128	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT3_8 24129	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
GOWANUS_GT4_1 24130	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT4_2 24131	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT4_3 24132	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT4_4 24133	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT4_5 24134	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT4_6 24135	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT4_7 24136	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GOWANUS_GT4_8 24137	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00

GREENBSH_115KV_TB3 55895	30.84 1.11 0.28	26.61 0.93 0.02	24.62 0.95 0.20	24.29 0.97 0.22	23.64 0.90 -0.27	23.30 0.89 -0.24	21.78 0.84 0.00	22.54 0.83 0.00	23.94 0.85 0.00	27.82 1.02 -1.31	28.00 1.06 -0.42	32.74 1.11 -3.22	33.13 1.25 -0.62	34.11 1.26 -1.44	33.85 1.28 -0.68	39.10 1.36 -2.92	45.21 1.45 -4.59	57.18 1.61 -10.97	48.10 1.47 -3.31	38.06 1.18 0.00	36.62 1.10 0.00	37.49 1.12 -4.23	30.56 1.03 0.00	28.40 0.96 0.00
GREENDGE_115KV_TB5 80291	30.31 0.63 0.33	26.32 0.64 0.03	23.99 0.36 0.23	23.60 0.31 0.25	22.76 0.25 -0.04	22.44 0.22 -0.04	21.24 0.29 0.00	22.00 0.28 0.00	23.38 0.30 0.00	25.47 0.36 0.38	26.77 0.37 0.12	27.94 0.45 0.92	31.65 0.56 0.18	31.50 0.50 0.41	32.30 0.61 0.20	34.44 0.45 0.84	38.32 0.35 1.20	42.30 0.58 2.88	43.05 0.61 0.87	37.84 0.96 0.00	36.23 0.71 0.00	33.21 0.71 -0.37	30.26 0.74 0.00	28.07 0.63 0.00
GREENIDGE___3 23582	30.31 0.63 0.33	26.32 0.64 0.03	23.99 0.36 0.23	23.60 0.31 0.25	22.76 0.25 -0.04	22.44 0.22 -0.04	21.24 0.29 0.00	22.00 0.28 0.00	23.38 0.30 0.00	25.47 0.36 0.38	26.77 0.37 0.12	27.94 0.45 0.92	31.65 0.56 0.18	31.50 0.50 0.41	32.30 0.61 0.20	34.44 0.45 0.84	38.32 0.35 1.20	42.30 0.58 2.88	43.05 0.61 0.87	37.84 0.96 0.00	36.23 0.71 0.00	33.21 0.71 -0.37	30.26 0.74 0.00	28.07 0.63 0.00
GREENIDGE___4 23583	30.31 0.63 0.33	26.40 0.72 0.03	24.02 0.38 0.23	23.62 0.33 0.25	22.76 0.25 -0.04	22.44 0.22 -0.04	21.24 0.29 0.00	21.99 0.28 0.00	23.40 0.32 0.00	25.47 0.36 0.38	26.77 0.37 0.12	27.94 0.45 0.92	31.65 0.56 0.18	31.50 0.50 0.41	32.30 0.60 0.20	34.30 0.31 0.84	38.32 0.35 1.20	42.30 0.58 2.88	43.05 0.61 0.87	38.17 1.29 0.00	36.23 0.71 0.00	33.21 0.71 -0.37	30.35 0.83 0.00	28.07 0.63 0.00
GREENLWN_69_KV_BK 3 55738	35.48 2.79 -2.68	34.50 2.36 -6.43	32.73 2.29 -6.58	30.53 2.17 -4.82	30.25 2.04 -5.73	30.25 2.02 -6.05	29.13 1.91 -6.28	30.52 2.15 -6.66	33.80 2.29 -8.44	34.91 2.60 -6.82	36.64 2.44 -7.69	37.13 2.59 -6.13	38.36 2.88 -4.22	40.81 2.92 -6.48	40.47 2.90 -5.67	43.79 3.20 -5.77	48.33 3.56 -5.59	51.18 4.15 -2.43	49.35 3.90 -2.14	43.15 2.88 -3.40	39.73 2.84 -1.36	36.32 2.70 -1.49	36.58 2.48 -4.58	36.65 2.61 -6.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
GRISSOM___SOLAR 323813	33.70 3.99 0.30	29.05 3.37 0.02	26.64 2.98 0.21	26.28 2.97 0.23	25.65 2.85 -0.33	25.25 2.79 -0.28	23.56 2.62 0.00	24.19 2.47 0.00	25.62 2.54 0.00	30.24 2.85 -1.89	30.13 3.00 -0.61	36.18 3.13 -4.64	35.60 3.44 -0.89	36.86 3.36 -2.08	36.45 3.57 -0.98	42.79 3.76 -4.21	50.32 4.54 -6.60	66.32 5.93 -15.79	54.27 6.19 -4.77	42.52 5.64 0.00	41.06 5.54 0.00	42.96 4.98 -5.85	33.86 4.34 0.00	31.09 3.65 0.00
GROVEVILLE___HYD 323602	32.27 2.52 0.26	27.79 2.11 0.02	25.69 2.00 0.18	25.27 1.93 0.20	24.45 1.78 -0.21	24.09 1.73 -0.19	22.58 1.63 0.00	23.41 1.69 0.00	24.84 1.75 0.00	27.91 1.96 -0.46	28.68 2.02 -0.15	31.64 2.10 -1.13	33.73 2.25 -0.22	34.24 2.32 -0.50	34.40 2.26 -0.24	38.38 2.54 -1.02	43.64 2.82 -1.64	51.78 3.26 -3.93	47.53 3.03 -1.19	39.16 2.29 0.00	37.72 2.20 0.00	36.36 2.25 -1.97	31.65 2.13 0.00	29.49 2.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.98 0.18 0.20	25.87 0.18 0.02	23.82 0.10 0.14	23.46 0.07 0.16	22.54 0.04 -0.02	22.25 0.04 -0.03	20.99 0.04 0.00	21.78 0.07 0.00	23.15 0.07 0.00	25.12 0.10 0.47	26.53 0.16 0.15	27.41 0.14 1.15	31.23 0.19 0.22	31.09 0.19 0.51	31.87 0.22 0.24	33.99 0.21 1.04	37.90 0.24 1.51	41.29 0.31 3.62	42.52 0.30 1.09	37.32 0.44 0.00	35.77 0.25 0.00	32.23 0.10 0.00	29.64 0.12 0.00	27.52 0.08 0.00
HAMLTNNY_34_KV_TB 80303	30.08 0.27 0.20	25.95 0.26 0.02	23.87 0.14 0.14	23.51 0.12 0.15	22.58 0.09 -0.02	22.27 0.07 -0.03	21.03 0.08 0.00	21.82 0.11 0.00	23.20 0.12 0.00	25.18 0.15 0.46	26.58 0.21 0.15	27.51 0.23 1.13	31.33 0.28 0.22	31.19 0.28 0.51	32.01 0.35 0.24	34.08 0.28 1.02	38.00 0.31 1.49	41.49 0.45 3.56	42.67 0.43 1.08	37.47 0.59 0.00	35.91 0.39 0.00	32.51 0.19 -0.18	29.73 0.21 0.00	27.63 0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	29.04 -0.78 0.19	25.07 -0.62 0.02	22.95 -0.79 0.13	22.60 -0.80 0.15	21.67 -0.81 -0.01	21.41 -0.78 -0.01	20.13 -0.82 0.00	20.80 -0.91 0.00	22.16 -0.92 0.00	24.08 -1.10 0.32	25.33 -1.09 0.10	26.55 -1.08 0.78	30.02 -1.10 0.15	29.96 -1.10 0.35	30.58 -1.15 0.17	33.00 -1.12 0.71	36.83 -1.21 1.13	40.64 -1.25 2.71	41.67 -0.82 0.82	36.32 -0.55 0.00	34.85 -0.68 0.00	31.27 -0.87 0.00	28.64 -0.88 0.00	26.48 -0.96 0.00
HARDSCRABBLE_WT_PWR 323673	29.86 0.33 0.48	25.97 0.31 0.04	23.79 0.26 0.34	23.41 0.24 0.37	22.65 0.18 0.00	22.35 0.16 -0.01	20.99 0.04 0.00	21.76 0.04 0.00	23.17 0.09 0.00	24.98 0.18 0.69	26.48 0.19 0.22	26.91 0.20 1.70	31.19 0.25 0.33	30.93 0.28 0.76	31.85 0.32 0.36	33.63 0.35 1.54	37.27 0.31 2.22	39.78 0.49 5.31	42.27 0.56 1.60	37.58 0.70 0.00	35.98 0.46 0.00	32.49 0.35 0.00	29.85 0.33 0.00	27.77 0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.97 2.22 0.26	27.53 1.85 0.02	25.45 1.77 0.18	25.02 1.67 0.20	24.23 1.57 -0.19	23.88 1.53 -0.17	22.37 1.42 0.00	23.25 1.54 0.00	24.70 1.62 0.00	27.69 1.81 -0.39	28.53 1.88 -0.13	31.31 1.93 -0.96	33.51 2.06 -0.18	33.98 2.14 -0.43	34.20 2.11 -0.20	38.06 2.37 -0.87	43.21 2.62 -1.41	51.00 3.03 -3.37	47.10 2.77 -1.02	38.90 2.03 0.00	37.44 1.92 0.00	35.95 2.02 -1.80	31.44 1.92 0.00	29.30 1.87 0.00
HARSNRAD_115KV_TB1 81005	28.99 -0.63 0.39	25.34 -0.33 0.03	23.09 -0.50 0.27	22.68 -0.57 0.30	21.74 -0.76 -0.03	21.44 -0.78 -0.04	20.50 -0.44 0.00	21.00 -0.72 0.00	22.30 -0.78 0.00	24.30 -0.76 0.43	25.56 -0.82 0.14	26.63 -0.74 1.05	30.31 -0.75 0.20	29.94 -1.01 0.47	30.75 -0.92 0.22	32.62 -1.25 0.95	36.31 -1.49 1.38	39.61 -1.69 3.29	40.28 -2.04 0.99	35.99 -0.89 0.00	34.60 -0.92 0.00	31.41 -1.00 -0.27	29.08 -0.44 0.00	27.03 -0.41 0.00
HARZA MOOSE___RIVER 24016	30.11 0.45 0.35	26.14 0.46 0.03	23.83 0.21 0.25	23.44 0.16 0.27	22.57 0.09 -0.01	22.33 0.13 -0.02	20.96 0.02 0.00	21.69 -0.02 0.00	23.08 0.00 0.00	24.94 0.00 0.55	26.42 0.08 0.18	27.20 0.14 1.36	31.32 0.31 0.26	31.12 0.31 0.61	31.89 0.29 0.29	33.97 0.38 1.23	37.72 0.35 1.80	40.87 0.58 4.31	42.87 0.87 1.30	37.76 0.89 0.00	36.23 0.71 0.00	32.49 0.35 0.00	29.82 0.30 0.00	27.63 0.19 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	29.65 -0.06 0.30	25.65 -0.03 0.02	23.56 -0.10 0.21	23.20 -0.12 0.23	22.36 -0.13 -0.02	22.07 -0.13 -0.03	20.84 -0.10 0.00	21.60 -0.11 0.00	22.97 -0.12 0.00	24.90 -0.10 0.49	26.28 -0.08 0.16	27.13 -0.09 1.19	30.91 -0.13 0.23	30.75 -0.13 0.54	31.54 -0.10 0.25	33.60 -0.14 1.08	37.44 -0.16 1.58	40.69 -0.13 3.77	42.00 -0.17 1.14	36.91 0.04 0.00	35.38 -0.14 0.00	31.91 -0.22 0.00	29.34 -0.18 0.00	27.24 -0.19 0.00
HELLGATE_13_KV_LD 55870	32.45 2.70 0.26	27.87 2.18 0.02	25.81 2.12 0.18	25.35 2.00 0.20	24.59 1.91 -0.21	24.23 1.86 -0.19	22.71 1.76 0.00	23.76 2.04 0.00	25.18 2.10 0.00	28.41 2.47 -0.45	29.18 2.52 -0.15	32.13 2.61 -1.10	34.39 2.91 -0.22	34.87 2.95 -0.50	35.03 2.90 -0.24	39.10 3.27 -1.01	44.28 3.49 -1.61	52.15 3.70 -3.85	48.07 3.59 -1.17	39.31 2.43 0.00	37.90 2.38 0.00	36.69 2.60 -1.95	32.03 2.51 0.00	29.88 2.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.45 2.70 0.26	27.87 2.18 0.02	25.81 2.12 0.18	25.35 2.00 0.20	24.59 1.91 -0.21	24.23 1.86 -0.19	22.71 1.76 0.00	23.76 2.04 0.00	25.18 2.10 0.00	28.41 2.47 -0.45	29.18 2.52 -0.15	32.13 2.61 -1.10	34.39 2.91 -0.22	34.87 2.95 -0.50	35.03 2.90 -0.24	39.10 3.27 -1.01	44.28 3.49 -1.61	52.15 3.70 -3.85	48.07 3.59 -1.17	39.31 2.43 0.00	37.90 2.38 0.00	36.69 2.60 -1.95	32.03 2.51 0.00	29.88 2.44 0.00
HEMPSTEAD____ 23647	35.60 2.91 -2.68	34.56 2.42 -6.43	32.78 2.34 -6.58	30.60 2.24 -4.82	30.34 2.14 -5.73	30.34 2.11 -6.05	29.22 1.99 -6.29	30.56 2.19 -6.66	33.82 2.31 -8.44	34.96 2.65 -6.82	36.88 2.68 -7.69	37.31 2.76 -6.15	38.83 3.07 -4.50	41.36 3.11 -6.84	41.26 3.09 -6.27	44.67 3.45 -6.40	48.88 3.80 -5.90	52.86 4.28 -3.98	51.82 3.98 -4.53	44.40 2.80 -4.73	41.58 2.81 -3.25	38.82 2.83 -3.86	37.60 2.69 -5.40	36.73 2.66 -6.63
HEWLETT__69_KV_BK3 55828	35.93 3.24 -2.68	34.86 2.72 -6.43	33.07 2.63 -6.58	30.88 2.52 -4.82	30.58 2.38 -5.73	30.58 2.35 -6.05	29.45 2.22 -6.28	30.82 2.45 -6.66	34.06 2.54 -8.44	35.22 2.91 -6.82	37.12 2.92 -7.69	37.60 3.04 -6.15	39.11 3.35 -4.50	41.71 3.46 -6.84	41.64 3.48 -6.27	45.05 3.83 -6.40	49.31 4.23 -5.90	53.35 4.77 -3.98	52.35 4.50 -4.53	45.00 3.39 -4.73	41.97 3.20 -3.25	39.14 3.15 -3.86	37.99 3.07 -5.40	37.03 2.96 -6.63
HICKLING___1 23621	30.23 0.54 0.32	26.45 0.77 0.03	24.00 0.36 0.22	23.58 0.28 0.25	22.81 0.29 -0.05	22.52 0.29 -0.05	21.28 0.34 0.00	22.06 0.35 0.00	23.50 0.42 0.00	25.70 0.54 0.32	26.94 0.53 0.10	28.28 0.65 0.79	31.86 0.75 0.15	31.75 0.69 0.35	32.52 0.80 0.17	34.84 0.73 0.71	38.99 0.82 1.01	43.25 1.07 2.42	43.49 0.91 0.73	38.17 1.29 0.00	36.59 1.07 0.00	33.39 0.77 -0.48	30.35 0.83 0.00	28.21 0.77 0.00
HICKLING___2 23622	30.23 0.54 0.32	26.45 0.77 0.03	24.00 0.36 0.22	23.58 0.28 0.25	22.81 0.29 -0.05	22.52 0.29 -0.05	21.28 0.34 0.00	22.06 0.35 0.00	23.50 0.42 0.00	25.70 0.54 0.32	26.94 0.53 0.10	28.28 0.65 0.79	31.86 0.75 0.15	31.75 0.69 0.35	32.52 0.80 0.17	34.84 0.73 0.71	38.99 0.82 1.01	43.25 1.07 2.42	43.49 0.91 0.73	38.17 1.29 0.00	36.59 1.07 0.00	33.39 0.77 -0.48	30.35 0.83 0.00	28.21 0.77 0.00
HIGH FALLS___HY 23754	32.15 2.40 0.26	27.66 1.98 0.02	25.54 1.86 0.18	25.13 1.79 0.20	24.29 1.62 -0.20	23.96 1.60 -0.18	22.41 1.47 0.00	23.23 1.52 0.00	24.63 1.55 0.00	27.66 1.66 -0.52	28.38 1.70 -0.17	31.41 1.73 -1.27	33.35 1.84 -0.24	33.90 1.92 -0.57	34.04 1.88 -0.27	38.09 2.12 -1.15	43.41 2.39 -1.84	51.81 2.81 -4.40	47.33 2.69 -1.33	38.79 1.92 0.00	37.33 1.81 0.00	36.19 1.93 -2.13	31.41 1.89 0.00	29.28 1.84 0.00
HILLBURN___GT 23639	31.91 2.16 0.26	27.46 1.77 0.02	25.45 1.77 0.18	25.02 1.67 0.20	24.24 1.57 -0.19	23.88 1.53 -0.17	22.39 1.44 0.00	23.34 1.63 0.00	24.79 1.71 0.00	27.86 1.96 -0.40	28.66 2.01 -0.13	31.48 2.07 -0.99	33.71 2.25 -0.19	34.18 2.32 -0.44	34.43 2.33 -0.21	38.33 2.61 -0.90	43.49 2.86 -1.45	51.33 3.25 -3.47	47.31 2.95 -1.05	38.83 1.95 0.00	37.51 1.99 0.00	36.05 2.09 -1.83	31.44 1.92 0.00	29.36 1.92 0.00
HILLSIDE_115KV_TB1 80332	29.60 -0.09 0.32	25.91 0.23 0.03	23.52 -0.12 0.22	23.11 -0.19 0.24	22.36 -0.16 -0.05	22.07 -0.16 -0.05	20.88 -0.06 0.00	21.67 -0.04 0.00	23.10 0.02 0.00	25.25 0.08 0.31	26.50 0.08 0.10	27.79 0.14 0.76	31.27 0.16 0.15	31.17 0.09 0.34	31.89 0.16 0.16	34.20 0.07 0.69	38.23 0.04 0.98	42.39 0.13 2.35	42.56 -0.04 0.71	37.28 0.41 0.00	35.77 0.25 0.00	32.76 0.13 -0.50	29.73 0.21 0.00	27.63 0.19 0.00
HISHELDN_WT_PWR 323625	29.21 -0.42 0.37	25.75 0.08 0.03	23.25 -0.36 0.26	22.83 -0.42 0.29	22.03 -0.47 -0.04	21.73 -0.49 -0.04	20.71 -0.23 0.00	21.30 -0.41 0.00	22.69 -0.39 0.00	24.74 -0.36 0.40	25.96 -0.43 0.13	27.13 -0.31 0.98	30.76 -0.31 0.19	30.44 -0.53 0.44	31.24 -0.45 0.21	33.17 -0.77 0.89	37.04 -0.86 1.27	40.66 -0.89 3.05	41.22 -1.17 0.92	37.32 0.44 0.00	35.20 -0.32 0.00	32.01 -0.45 -0.33	29.61 0.09 0.00	27.35 -0.08 0.00
HOLTSVILLE_IC_1 23690	36.05 3.36 -2.68	34.99 2.85 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.49 2.26 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.29 2.98 -6.82	37.15 2.94 -7.69	37.63 3.01 -6.20	40.46 3.25 -5.94	43.46 3.36 -8.68	44.61 3.32 -9.40	50.14 3.73 -11.60	50.83 4.15 -7.51	58.49 4.50 -9.39	62.69 4.25 -15.13	51.64 3.10 -11.67	50.20 3.06 -11.62	49.50 2.99 -14.38	42.20 3.04 -9.64	37.21 2.99 -6.78
HOLTSVILLE_IC_10 23699	36.29 3.60 -2.68	35.17 3.03 -6.43	33.30 2.86 -6.58	31.07 2.71 -4.82	30.76 2.56 -5.73	30.76 2.53 -6.05	29.62 2.39 -6.28	31.02 2.65 -6.66	34.31 2.79 -8.44	35.47 3.16 -6.82	37.36 3.15 -7.69	37.89 3.27 -6.21	40.87 3.56 -6.04	43.89 3.67 -8.80	45.16 3.67 -9.60	50.82 4.07 -11.92	51.33 4.54 -7.61	59.33 4.99 -9.74	63.81 4.68 -15.82	52.50 3.51 -12.12	51.10 3.41 -12.16	50.53 3.34 -15.06	42.74 3.31 -9.91	37.49 3.26 -6.79
HOLTSVILLE_IC_2 23691	36.05 3.36 -2.68	34.99 2.85 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.49 2.26 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.29 2.98 -6.82	37.15 2.94 -7.69	37.63 3.01 -6.20	40.46 3.25 -5.94	43.46 3.36 -8.68	44.61 3.32 -9.40	50.14 3.73 -11.60	50.83 4.15 -7.51	58.49 4.50 -9.39	62.69 4.25 -15.13	51.64 3.10 -11.67	50.20 3.06 -11.62	49.50 2.99 -14.38	42.20 3.04 -9.64	37.21 2.99 -6.78
HOLTSVILLE_IC_3 23692	36.05 3.36 -2.68	34.99 2.85 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.49 2.26 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.29 2.98 -6.82	37.15 2.94 -7.69	37.63 3.01 -6.20	40.46 3.25 -5.94	43.46 3.36 -8.68	44.61 3.32 -9.40	50.14 3.73 -11.60	50.83 4.15 -7.51	58.49 4.50 -9.39	62.69 4.25 -15.13	51.64 3.10 -11.67	50.20 3.06 -11.62	49.50 2.99 -14.38	42.20 3.04 -9.64	37.21 2.99 -6.78

HOLTSVILLE_IC_4 23693	36.05 3.36 -2.68	34.99 2.85 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.49 2.26 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.29 2.98 -6.82	37.15 2.94 -7.69	37.63 3.01 -6.20	40.46 3.25 -5.94	43.46 3.36 -8.68	44.61 3.32 -9.40	50.14 3.73 -11.60	50.83 4.15 -7.51	58.49 4.50 -9.39	62.69 4.25 -15.13	51.64 3.10 -11.67	50.20 3.06 -11.62	49.50 2.99 -14.38	42.20 3.04 -9.64	37.21 2.99 -6.78
HOLTSVILLE_IC_5 23694	36.05 3.36 -2.68	34.99 2.85 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.49 2.26 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.29 2.98 -6.82	37.15 2.94 -7.69	37.63 3.01 -6.20	40.46 3.25 -5.94	43.46 3.36 -8.68	44.61 3.32 -9.40	50.14 3.73 -11.60	50.83 4.15 -7.51	58.49 4.50 -9.39	62.69 4.25 -15.13	51.64 3.10 -11.67	50.20 3.06 -11.62	49.50 2.99 -14.38	42.20 3.04 -9.64	37.21 2.99 -6.78
HOLTSVILLE_IC_6 23695	36.29 3.60 -2.68	35.17 3.03 -6.43	33.30 2.86 -6.58	31.07 2.71 -4.82	30.76 2.56 -5.73	30.76 2.53 -6.05	29.62 2.39 -6.28	31.02 2.65 -6.66	34.31 2.79 -8.44	35.47 3.16 -6.82	37.36 3.15 -7.69	37.89 3.27 -6.21	40.87 3.56 -6.04	43.89 3.67 -8.80	45.16 3.67 -9.60	50.82 4.07 -11.92	51.33 4.54 -7.61	59.33 4.99 -9.74	63.81 4.68 -15.82	52.50 3.51 -12.12	51.10 3.41 -12.16	50.53 3.34 -15.06	42.74 3.31 -9.91	37.49 3.26 -6.79
HOLTSVILLE_IC_7 23696	36.29 3.60 -2.68	35.17 3.03 -6.43	33.30 2.86 -6.58	31.07 2.71 -4.82	30.76 2.56 -5.73	30.76 2.53 -6.05	29.62 2.39 -6.28	31.02 2.65 -6.66	34.31 2.79 -8.44	35.47 3.16 -6.82	37.36 3.15 -7.69	37.89 3.27 -6.21	40.87 3.56 -6.04	43.89 3.67 -8.80	45.16 3.67 -9.60	50.82 4.07 -11.92	51.33 4.54 -7.61	59.33 4.99 -9.74	63.81 4.68 -15.82	52.50 3.51 -12.12	51.10 3.41 -12.16	50.53 3.34 -15.06	42.74 3.31 -9.91	37.49 3.26 -6.79
HOLTSVILLE_IC_8 23697	36.29 3.60 -2.68	35.17 3.03 -6.43	33.30 2.86 -6.58	31.07 2.71 -4.82	30.76 2.56 -5.73	30.76 2.53 -6.05	29.62 2.39 -6.28	31.02 2.65 -6.66	34.31 2.79 -8.44	35.47 3.16 -6.82	37.36 3.15 -7.69	37.89 3.27 -6.21	40.87 3.56 -6.04	43.89 3.67 -8.80	45.16 3.67 -9.60	50.82 4.07 -11.92	51.33 4.54 -7.61	59.33 4.99 -9.74	63.81 4.68 -15.82	52.50 3.51 -12.12	51.10 3.41 -12.16	50.53 3.34 -15.06	42.74 3.31 -9.91	37.49 3.26 -6.79
HOLTSVILLE_IC_9 23698	36.29 3.60 -2.68	35.17 3.03 -6.43	33.30 2.86 -6.58	31.07 2.71 -4.82	30.76 2.56 -5.73	30.76 2.53 -6.05	29.62 2.39 -6.28	31.02 2.65 -6.66	34.31 2.79 -8.44	35.47 3.16 -6.82	37.36 3.15 -7.69	37.89 3.27 -6.21	40.87 3.56 -6.04	43.89 3.67 -8.80	45.16 3.67 -9.60	50.82 4.07 -11.92	51.33 4.54 -7.61	59.33 4.99 -9.74	63.81 4.68 -15.82	52.50 3.51 -12.12	51.10 3.41 -12.16	50.53 3.34 -15.06	42.74 3.31 -9.91	37.49 3.26 -6.79
HOMER_HL_115KV_TB2 355744	28.44 -1.20 0.37	25.65 -0.03 0.03	22.61 -1.00 0.26	22.16 -1.11 0.28	21.86 -0.65 -0.04	21.62 -0.60 -0.04	20.61 -0.34 0.00	21.34 -0.37 0.00	22.80 -0.28 0.00	24.95 -0.15 0.39	26.18 -0.21 0.13	27.35 -0.11 0.95	30.96 -0.13 0.18	30.68 -0.31 0.43	31.50 -0.19 0.20	33.51 -0.45 0.86	37.39 -0.55 1.24	41.15 -0.49 2.96	41.46 -0.95 0.89	36.80 -0.07 0.00	35.31 -0.21 0.00	32.23 -0.26 -0.35	29.49 -0.03 0.00	27.41 -0.03 0.00
HOWARD_WT_PWR 323690	30.21 0.54 0.34	26.58 0.90 0.03	23.96 0.33 0.24	23.57 0.28 0.26	22.76 0.25 -0.04	22.47 0.24 -0.04	21.30 0.36 0.00	21.99 0.28 0.00	23.40 0.32 0.00	25.51 0.38 0.36	26.77 0.37 0.12	28.03 0.51 0.89	31.68 0.59 0.17	31.45 0.44 0.40	32.28 0.57 0.19	34.39 0.38 0.81	38.52 0.51 1.16	42.67 0.85 2.78	43.25 0.78 0.84	38.72 1.84 0.00	36.66 1.14 0.00	33.33 0.80 -0.40	30.55 1.03 0.00	28.26 0.82 0.00
HQ_GEN_CEDARS 23644	29.28 -0.60 0.13	25.23 -0.46 0.01	23.27 -0.50 0.09	22.97 -0.47 0.10	22.02 -0.45 0.00	21.74 -0.44 -0.01	20.53 -0.42 0.00	21.26 -0.46 0.00	22.67 -0.42 0.00	24.78 -0.56 0.15	25.86 -0.61 0.05	27.47 -0.57 0.37	30.57 -0.63 0.07	30.62 -0.63 0.17	31.18 -0.64 0.08	33.82 -0.66 0.34	37.84 -0.67 0.67	42.25 -0.76 1.59	42.31 -0.52 0.48	36.43 -0.44 0.00	35.02 -0.50 0.00	31.59 -0.55 0.00	28.93 -0.59 0.00	26.81 -0.63 0.00
HQ_GEN_CEDARS_PROXY 323590	29.28 -0.60 0.13	25.23 -0.46 0.01	23.27 -0.50 0.09	22.97 -0.47 0.10	22.02 -0.45 0.00	21.74 -0.44 -0.01	20.53 -0.42 0.00	21.26 -0.46 0.00	22.67 -0.41 0.00	24.78 -0.56 0.15	25.86 -0.61 0.05	27.47 -0.57 0.37	30.57 -0.63 0.07	30.62 -0.63 0.17	31.18 -0.64 0.08	33.82 -0.66 0.34	37.84 -0.67 0.67	42.25 -0.76 1.59	42.31 -0.52 0.48	36.44 -0.44 0.00	35.02 -0.50 0.00	31.59 -0.55 0.00	28.93 -0.59 0.00	26.81 -0.63 0.00
HQ_GEN_IMPORT 323601	29.52 -0.42 0.07	25.34 -0.36 0.01	23.48 -0.33 0.05	23.16 -0.33 0.05	22.15 -0.31 0.00	21.89 -0.29 0.00	20.65 -0.29 0.00	21.41 -0.30 0.00	22.78 -0.30 0.00	25.11 -0.38 0.00	26.12 -0.40 0.00	28.01 -0.40 0.00	30.83 -0.44 0.00	30.97 -0.44 0.00	31.45 -0.45 0.00	34.33 -0.49 0.00	38.33 -0.51 0.33	43.22 -0.58 0.80	42.59 -0.48 0.24	36.44 -0.44 0.00	35.06 -0.46 0.00	31.71 -0.42 0.00	29.08 -0.44 0.00	27.00 -0.44 0.00
HQ_GEN_WHEEL 23651	29.52 -0.42 0.07	25.34 -0.36 0.01	23.48 -0.33 0.05	23.16 -0.33 0.05	22.15 -0.31 0.00	21.89 -0.29 0.00	20.65 -0.29 0.00	21.41 -0.30 0.00	22.78 -0.30 0.00	25.11 -0.38 0.00	26.12 -0.40 0.00	28.01 -0.40 0.00	30.83 -0.44 0.00	30.97 -0.44 0.00	31.45 -0.45 0.00	34.33 -0.49 0.00	38.33 -0.51 0.33	43.22 -0.58 0.80	42.59 -0.48 0.24	36.44 -0.44 0.00	35.06 -0.46 0.00	31.71 -0.42 0.00	29.08 -0.44 0.00	27.00 -0.44 0.00
HUDSON_AVE_GT_3 23810	32.36 2.61 0.26	27.84 2.16 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.54 1.87 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.93 2.81 -0.23	38.99 3.17 -1.00	44.27 3.49 -1.61	52.38 3.92 -3.85	48.11 3.64 -1.16	39.35 2.47 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.97 2.45 0.00	29.85 2.41 0.00
HUDSON_AVE_GT_4 23540	32.36 2.61 0.26	27.84 2.16 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.54 1.87 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.93 2.81 -0.23	38.99 3.17 -1.00	44.27 3.49 -1.61	52.38 3.92 -3.85	48.11 3.64 -1.16	39.35 2.47 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.97 2.45 0.00	29.85 2.41 0.00
HUDSON_AVE_GT_5 23657	32.36 2.61 0.26	27.84 2.16 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.54 1.87 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.93 2.81 -0.23	38.99 3.17 -1.00	44.27 3.49 -1.61	52.38 3.92 -3.85	48.11 3.64 -1.16	39.35 2.47 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.97 2.45 0.00	29.85 2.41 0.00

HUDSON_AVE_10 24168	32.33 2.58 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.50 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.67 1.95 0.00	25.14 2.05 0.00	28.34 2.40 -0.45	29.05 2.39 -0.15	31.99 2.47 -1.10	34.20 2.72 -0.21	34.71 2.80 -0.49	34.87 2.74 -0.23	38.89 3.06 -1.00	44.19 3.41 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.27 2.40 0.00	37.79 2.27 0.00	36.49 2.41 -1.95	31.94 2.42 0.00	29.80 2.36 0.00
HUDSON___115KV_TB 4 355613	31.68 1.95 0.28	27.28 1.59 0.02	25.17 1.50 0.19	24.86 1.53 0.21	24.10 1.37 -0.26	23.78 1.37 -0.23	22.24 1.30 0.00	22.89 1.17 0.00	24.30 1.22 0.00	28.00 1.38 -1.13	28.32 1.43 -0.37	32.72 1.53 -2.77	33.45 1.66 -0.53	34.32 1.66 -1.24	34.17 1.69 -0.59	39.18 1.85 -2.51	45.21 2.08 -3.96	56.52 2.45 -9.47	48.55 2.38 -2.86	38.90 2.03 0.00	37.47 1.95 0.00	37.71 1.83 -3.75	31.26 1.74 0.00	28.97 1.54 0.00
HUNTER MOUNT___DRP 323613	31.86 2.13 0.28	27.43 1.75 0.02	25.29 1.62 0.19	24.96 1.62 0.21	24.16 1.44 -0.25	23.86 1.46 -0.22	22.31 1.36 0.00	22.84 1.13 0.00	24.26 1.18 0.00	27.76 1.27 -1.00	28.19 1.35 -0.32	32.31 1.45 -2.44	33.27 1.53 -0.47	34.02 1.51 -1.10	33.94 1.53 -0.52	38.75 1.71 -2.22	44.60 1.92 -3.50	55.29 2.32 -8.37	48.09 2.25 -2.53	38.87 1.99 0.00	37.47 1.95 0.00	37.33 1.80 -3.39	31.29 1.77 0.00	28.97 1.54 0.00
HUNTINGTON_RES_REC 323705	35.90 3.21 -2.68	34.84 2.70 -6.43	33.02 2.58 -6.58	30.79 2.43 -4.82	30.52 2.31 -5.73	30.51 2.28 -6.05	29.37 2.14 -6.28	30.76 2.39 -6.66	34.06 2.54 -8.44	35.22 2.90 -6.82	37.01 2.81 -7.69	37.67 2.95 -6.30	41.55 3.28 -7.01	44.80 3.36 -10.02	46.87 3.35 -11.63	44.96 3.69 -6.45	51.97 4.11 -8.68	66.88 4.68 -17.60	78.90 4.37 -31.22	56.60 3.17 -16.55	62.97 3.13 -24.32	65.52 3.05 -30.33	45.03 2.86 -12.65	37.32 2.94 -6.94
HUNTLEY___63 23557	29.23 -0.39 0.39	25.60 -0.08 0.03	23.28 -0.31 0.27	22.85 -0.40 0.30	21.94 -0.56 -0.03	21.66 -0.55 -0.04	20.63 -0.31 0.00	21.13 -0.59 0.00	22.46 -0.62 0.00	24.51 -0.56 0.42	25.77 -0.61 0.14	26.90 -0.48 1.03	30.57 -0.50 0.20	30.20 -0.75 0.46	31.04 -0.64 0.22	32.91 -0.97 0.94	36.68 -1.14 1.36	40.06 -1.29 3.24	40.64 -1.69 0.98	36.25 -0.63 0.00	34.85 -0.67 0.00	31.68 -0.74 -0.28	29.32 -0.21 0.00	27.24 -0.19 0.00
HUNTLEY___64 23558	29.23 -0.39 0.39	25.60 -0.08 0.03	23.28 -0.31 0.27	22.85 -0.40 0.30	21.94 -0.56 -0.03	21.66 -0.55 -0.04	20.63 -0.31 0.00	21.13 -0.59 0.00	22.46 -0.62 0.00	24.51 -0.56 0.42	25.77 -0.61 0.14	26.90 -0.48 1.03	30.57 -0.50 0.20	30.20 -0.75 0.46	31.04 -0.64 0.22	32.91 -0.97 0.94	36.68 -1.14 1.36	40.06 -1.29 3.24	40.64 -1.69 0.98	36.25 -0.63 0.00	34.85 -0.67 0.00	31.68 -0.74 -0.28	29.32 -0.21 0.00	27.24 -0.19 0.00
HUNTLEY___65 23559	29.23 -0.39 0.39	25.60 -0.08 0.03	23.28 -0.31 0.27	22.85 -0.40 0.30	21.94 -0.56 -0.03	21.66 -0.55 -0.04	20.63 -0.31 0.00	21.13 -0.59 0.00	22.46 -0.62 0.00	24.51 -0.56 0.42	25.77 -0.61 0.14	26.90 -0.48 1.03	30.57 -0.50 0.20	30.20 -0.75 0.46	31.04 -0.64 0.22	32.91 -0.97 0.94	36.68 -1.14 1.36	40.06 -1.29 3.24	40.64 -1.69 0.98	36.25 -0.63 0.00	34.85 -0.67 0.00	31.68 -0.74 -0.28	29.32 -0.21 0.00	27.24 -0.19 0.00
HUNTLEY___66 23560	29.23 -0.39 0.39	25.60 -0.08 0.03	23.28 -0.31 0.27	22.85 -0.40 0.30	21.94 -0.56 -0.03	21.66 -0.55 -0.04	20.63 -0.31 0.00	21.13 -0.59 0.00	22.46 -0.62 0.00	24.51 -0.56 0.42	25.77 -0.61 0.14	26.90 -0.48 1.03	30.57 -0.50 0.20	30.20 -0.75 0.46	31.04 -0.64 0.22	32.91 -0.97 0.94	36.68 -1.14 1.36	40.06 -1.29 3.24	40.64 -1.69 0.98	36.25 -0.63 0.00	34.85 -0.67 0.00	31.68 -0.74 -0.28	29.32 -0.21 0.00	27.24 -0.19 0.00
HUNTLEY___67 23561	28.96 -0.66 0.39	25.36 -0.31 0.03	23.07 -0.53 0.27	22.63 -0.61 0.30	21.78 -0.72 -0.03	21.48 -0.73 -0.04	20.50 -0.44 0.00	21.04 -0.67 0.00	22.37 -0.72 0.00	24.38 -0.69 0.42	25.64 -0.74 0.14	26.76 -0.63 1.03	30.41 -0.66 0.20	30.01 -0.94 0.46	30.85 -0.83 0.22	32.74 -1.15 0.93	36.46 -1.37 1.34	39.82 -1.56 3.21	40.39 -1.95 0.97	36.07 -0.81 0.00	34.63 -0.89 0.00	31.49 -0.93 -0.29	29.11 -0.41 0.00	27.05 -0.38 0.00
HUNTLEY___68 23562	28.96 -0.66 0.39	25.36 -0.31 0.03	23.07 -0.53 0.27	22.63 -0.61 0.30	21.78 -0.72 -0.03	21.48 -0.73 -0.04	20.50 -0.44 0.00	21.04 -0.67 0.00	22.37 -0.72 0.00	24.38 -0.69 0.42	25.64 -0.74 0.14	26.76 -0.63 1.03	30.41 -0.66 0.20	30.01 -0.94 0.46	30.85 -0.83 0.22	32.74 -1.15 0.93	36.46 -1.37 1.34	39.82 -1.56 3.21	40.39 -1.95 0.97	36.07 -0.81 0.00	34.63 -0.89 0.00	31.49 -0.93 -0.29	29.11 -0.41 0.00	27.05 -0.38 0.00
HYLAND___LFGE 323620	31.26 1.62 0.37	27.32 1.65 0.03	24.75 1.15 0.26	24.34 1.08 0.28	23.36 0.85 -0.03	22.99 0.78 -0.04	21.63 0.69 0.00	21.78 0.07 0.00	22.55 -0.53 0.00	24.17 -0.92 0.40	25.17 -1.22 0.13	26.20 -1.22 0.99	29.76 -1.31 0.19	29.62 -1.35 0.44	30.63 -1.05 0.21	32.63 -1.29 0.90	36.82 -1.06 1.30	41.41 -0.09 3.10	43.11 0.74 0.94	39.64 2.77 0.00	37.83 2.31 0.00	34.28 1.83 -0.32	31.50 1.98 0.00	29.00 1.56 0.00
INDECK___CORINTH 23802	31.39 1.68 0.29	27.04 1.36 0.02	24.95 1.29 0.20	24.64 1.32 0.22	24.02 1.26 -0.30	23.64 1.22 -0.25	22.12 1.17 0.00	22.86 1.15 0.00	24.40 1.31 0.00	29.23 1.66 -2.08	29.05 1.86 -0.67	35.47 1.96 -5.10	34.43 2.19 -0.98	35.77 2.07 -2.28	35.11 2.14 -1.08	41.68 2.23 -4.63	48.89 2.47 -7.24	64.81 2.90 -17.31	51.27 2.73 -5.23	39.16 2.29 0.00	37.80 2.28 0.00	40.51 2.09 -6.29	31.26 1.74 0.00	28.89 1.45 0.00
INDECK___ILION 23567	29.86 0.33 0.48	25.97 0.31 0.04	23.79 0.26 0.34	23.43 0.26 0.37	22.70 0.22 0.00	22.39 0.20 -0.01	21.09 0.15 0.00	21.89 0.17 0.00	23.27 0.18 0.00	25.05 0.25 0.69	26.56 0.27 0.22	27.03 0.31 1.70	31.28 0.34 0.33	31.00 0.35 0.76	31.92 0.38 0.36	33.66 0.38 1.54	37.31 0.35 2.22	39.78 0.49 5.31	42.23 0.52 1.60	37.43 0.55 0.00	35.91 0.39 0.00	32.42 0.29 0.00	29.79 0.27 0.00	27.68 0.25 0.00
INDECK___OLEAN 23982	28.44 -1.20 0.37	25.78 0.10 0.03	22.65 -0.96 0.26	22.16 -1.11 0.28	21.86 -0.65 -0.04	21.62 -0.60 -0.04	20.61 -0.34 0.00	21.32 -0.39 0.00	22.83 -0.25 0.00	24.95 -0.15 0.39	26.18 -0.21 0.13	27.35 -0.11 0.95	30.99 -0.09 0.18	30.68 -0.31 0.43	31.50 -0.19 0.20	33.47 -0.49 0.86	37.39 -0.55 1.24	41.15 -0.49 2.96	41.46 -0.95 0.89	37.32 0.44 0.00	35.31 -0.21 0.00	32.23 -0.26 -0.35	29.61 0.09 0.00	27.41 -0.03 0.00
INDECK___OSWEGO 23783	29.59 -0.48 -0.06	25.33 -0.38 -0.01	23.50 -0.41 -0.04	23.17 -0.42 -0.05	22.06 -0.43 -0.02	21.78 -0.42 -0.02	20.57 -0.38 0.00	21.30 -0.41 0.00	22.64 -0.44 0.00	24.54 -0.49 0.47	25.92 -0.45 0.15	26.78 -0.48 1.15	30.51 -0.53 0.22	30.34 -0.56 0.51	31.11 -0.54 0.24	33.15 -0.63 1.04	36.95 -0.70 1.52	40.20 -0.76 3.64	41.48 -0.74 1.10	36.51 -0.37 0.00	34.92 -0.60 0.00	31.52 -0.61 0.00	28.99 -0.53 0.00	26.91 -0.52 0.00



INDECK___YERKES 23781	29.26 -0.36 0.39	25.80 0.13 0.03	23.33 -0.26 0.27	22.89 -0.35 0.30	21.96 -0.54 -0.03	21.68 -0.53 -0.04	20.65 -0.29 0.00	21.15 -0.56 0.00	22.50 -0.58 0.00	24.53 -0.54 0.42	25.80 -0.58 0.14	26.92 -0.46 1.03	30.60 -0.47 0.20	30.23 -0.72 0.46	31.07 -0.61 0.22	32.87 -1.01 0.94	36.72 -1.10 1.36	40.11 -1.25 3.24	40.68 -1.65 0.98	37.10 0.22 0.00	34.88 -0.64 0.00	31.71 -0.71 -0.28	29.52 0.00 0.00	27.27 -0.16 0.00
INDIAN POINT_GT_1 24139	31.94 2.19 0.26	27.53 1.85 0.02	25.47 1.79 0.18	25.06 1.72 0.20	24.29 1.62 -0.20	23.96 1.60 -0.18	22.43 1.49 0.00	23.41 1.69 0.00	24.86 1.78 0.00	28.00 2.06 -0.44	28.78 2.12 -0.14	31.65 2.16 -1.08	33.85 2.38 -0.21	34.35 2.45 -0.48	34.55 2.42 -0.23	38.48 2.68 -0.98	43.73 2.98 -1.58	51.71 3.34 -3.77	47.52 3.08 -1.14	39.13 2.25 0.00	37.65 2.13 0.00	36.27 2.22 -1.92	31.56 2.04 0.00	29.44 2.00 0.00
INDIAN POINT_GT_2 23659	31.94 2.19 0.26	27.53 1.85 0.02	25.47 1.79 0.18	25.06 1.72 0.20	24.29 1.62 -0.20	23.96 1.60 -0.18	22.43 1.49 0.00	23.41 1.69 0.00	24.86 1.78 0.00	28.00 2.06 -0.44	28.78 2.12 -0.14	31.65 2.16 -1.08	33.85 2.38 -0.21	34.35 2.45 -0.48	34.55 2.42 -0.23	38.48 2.68 -0.98	43.73 2.98 -1.58	51.71 3.34 -3.77	47.52 3.08 -1.14	39.13 2.25 0.00	37.65 2.13 0.00	36.27 2.22 -1.92	31.56 2.04 0.00	29.44 2.00 0.00
INDIAN POINT_GT_3 24019	31.94 2.19 0.26	27.53 1.85 0.02	25.47 1.79 0.18	25.06 1.72 0.20	24.29 1.62 -0.20	23.96 1.60 -0.18	22.43 1.49 0.00	23.41 1.69 0.00	24.86 1.78 0.00	28.00 2.06 -0.44	28.78 2.12 -0.14	31.65 2.16 -1.08	33.85 2.38 -0.21	34.35 2.45 -0.48	34.55 2.42 -0.23	38.48 2.68 -0.98	43.73 2.98 -1.58	51.71 3.34 -3.77	47.52 3.08 -1.14	39.13 2.25 0.00	37.65 2.13 0.00	36.27 2.22 -1.92	31.56 2.04 0.00	29.44 2.00 0.00
INDIAN POINT___2 23530	31.88 2.13 0.26	27.46 1.77 0.02	25.42 1.74 0.18	25.02 1.67 0.20	24.24 1.57 -0.20	23.91 1.55 -0.18	22.39 1.44 0.00	23.36 1.65 0.00	24.81 1.73 0.00	27.91 1.99 -0.43	28.70 2.04 -0.14	31.56 2.10 -1.05	33.78 2.31 -0.20	34.24 2.36 -0.47	34.44 2.33 -0.22	38.38 2.61 -0.95	43.56 2.86 -1.53	51.52 3.25 -3.66	47.40 2.99 -1.11	38.83 1.95 0.00	37.51 1.99 0.00	36.11 2.09 -1.89	31.44 1.92 0.00	29.39 1.95 0.00
INDIAN POINT___3 23531	31.88 2.13 0.26	27.48 1.80 0.02	25.42 1.74 0.18	25.02 1.67 0.20	24.25 1.57 -0.20	23.91 1.55 -0.18	22.41 1.47 0.00	23.36 1.65 0.00	24.81 1.73 0.00	27.92 1.99 -0.44	28.70 2.04 -0.14	31.60 2.10 -1.08	33.75 2.28 -0.21	34.26 2.36 -0.48	34.45 2.33 -0.23	38.38 2.58 -0.98	43.61 2.86 -1.58	51.59 3.21 -3.77	47.40 2.95 -1.14	38.98 2.10 0.00	37.51 1.99 0.00	36.15 2.09 -1.93	31.50 1.98 0.00	29.38 1.95 0.00
INGHAM_C_115KV_TB7 356103	29.92 0.39 0.48	26.05 0.39 0.04	23.84 0.31 0.34	23.46 0.28 0.37	22.72 0.25 0.00	22.41 0.22 -0.01	21.07 0.13 0.00	21.82 0.11 0.00	23.22 0.23 0.00	25.03 0.23 0.69	26.56 0.27 0.22	27.00 0.28 1.70	31.25 0.31 0.33	31.00 0.35 0.76	31.92 0.38 0.36	33.70 0.42 1.54	37.35 0.39 2.22	39.87 0.58 5.31	42.36 0.65 1.60	37.58 0.70 0.00	36.05 0.53 0.00	32.52 0.39 0.00	29.88 0.35 0.00	27.79 0.36 0.00
IP CORINTH___1 23988	31.58 1.86 0.29	27.20 1.52 0.02	25.09 1.43 0.20	24.76 1.44 0.22	24.14 1.37 -0.30	23.78 1.35 -0.25	22.22 1.28 0.00	22.97 1.26 0.00	24.54 1.45 0.00	29.38 1.81 -2.08	29.18 1.99 -0.67	35.61 2.10 -5.10	34.59 2.34 -0.98	35.93 2.23 -2.28	35.30 2.33 -1.08	41.88 2.44 -4.63	49.12 2.70 -7.24	65.08 3.17 -17.31	51.53 2.99 -5.23	39.46 2.58 0.00	38.01 2.49 0.00	40.70 2.28 -6.29	31.44 1.92 0.00	29.06 1.62 0.00
IP___TICONDEROGA 23804	33.80 4.08 0.29	29.05 3.37 0.02	26.72 3.05 0.20	26.38 3.06 0.22	25.71 2.94 -0.30	25.31 2.88 -0.25	23.73 2.79 0.00	24.47 2.76 0.00	26.24 3.16 0.00	31.48 3.93 -2.07	31.48 4.30 -0.67	38.02 4.55 -5.06	37.30 5.06 -0.97	38.46 4.78 -2.27	37.91 4.94 -1.07	44.67 5.26 -4.59	52.20 5.84 -7.19	68.62 6.82 -17.20	55.00 6.50 -5.19	42.52 5.64 0.00	41.06 5.54 0.00	43.30 4.92 -6.25	33.77 4.25 0.00	31.03 3.59 0.00
ISLIP_RES_REC 323679	36.53 3.84 -2.68	35.35 3.21 -6.43	33.47 3.03 -6.58	31.24 2.87 -4.82	30.92 2.72 -5.73	30.91 2.68 -6.05	29.74 2.51 -6.28	31.15 2.78 -6.66	34.47 2.96 -8.44	35.65 3.34 -6.82	37.57 3.37 -7.69	38.11 3.49 -6.20	41.12 3.84 -6.01	44.14 3.96 -8.77	45.39 3.95 -9.54	51.87 4.39 -12.66	51.65 4.90 -7.58	59.22 5.39 -9.22	63.23 5.11 -14.81	52.70 3.84 -11.99	50.62 3.73 -11.37	49.82 3.63 -14.06	42.93 3.57 -9.84	37.68 3.46 -6.78
JAMAICA___27_KV_LOAD 355505	32.60 2.85 0.26	27.97 2.29 0.02	25.92 2.24 0.18	25.44 2.10 0.20	24.68 2.00 -0.20	24.34 1.97 -0.19	22.81 1.86 0.00	23.88 2.17 0.00	25.34 2.26 0.00	28.57 2.63 -0.45	29.18 2.52 -0.15	32.13 2.61 -1.10	34.38 2.91 -0.21	34.89 2.98 -0.49	35.06 2.93 -0.23	39.17 3.34 -1.00	44.59 3.80 -1.61	52.69 4.24 -3.85	48.46 3.98 -1.16	39.53 2.66 0.00	38.04 2.52 0.00	36.75 2.67 -1.95	32.27 2.75 0.00	30.07 2.63 0.00
JANIS___SOLAR 323808	31.46 1.74 0.28	27.35 1.67 0.02	24.98 1.31 0.20	24.57 1.25 0.22	23.67 1.15 -0.05	23.36 1.13 -0.05	21.93 0.98 0.00	22.71 1.00 0.00	24.05 0.97 0.00	26.25 1.02 0.26	27.50 1.06 0.08	28.89 1.11 0.63	32.33 1.19 0.12	32.29 1.16 0.28	32.94 1.18 0.13	35.53 1.29 0.58	39.94 1.57 0.80	44.96 2.27 1.91	45.38 2.64 0.58	39.86 2.99 0.00	38.08 2.56 0.00	34.61 1.86 -0.62	31.20 1.68 0.00	28.92 1.48 0.00
JARVIS____ 23743	29.71 0.18 0.48	25.85 0.18 0.04	23.67 0.14 0.34	23.32 0.14 0.37	22.59 0.11 0.00	22.30 0.11 -0.01	21.05 0.11 0.00	21.82 0.11 0.00	23.20 0.12 0.00	24.95 0.15 0.69	26.48 0.19 0.22	26.91 0.20 1.70	31.19 0.25 0.33	30.87 0.22 0.76	31.79 0.25 0.36	33.52 0.25 1.54	37.15 0.20 2.22	39.52 0.22 5.31	41.92 0.22 1.60	37.21 0.33 0.00	35.63 0.11 0.00	32.20 0.06 0.00	29.61 0.09 0.00	27.52 0.08 0.00
JENNISON___1 23625	31.63 1.92 0.30	27.51 1.83 0.02	25.16 1.50 0.21	24.75 1.44 0.23	23.86 1.33 -0.07	23.57 1.33 -0.06	22.10 1.15 0.00	22.91 1.19 0.00	24.35 1.27 0.00	26.79 1.43 0.12	27.99 1.51 0.04	29.79 1.68 0.30	33.05 1.84 0.06	33.10 1.82 0.14	33.68 1.85 0.06	36.53 1.98 0.28	40.99 2.15 0.34	46.60 2.81 0.81	46.10 3.03 0.24	39.83 2.95 0.00	38.19 2.66 0.00	35.04 1.99 -0.91	31.32 1.80 0.00	29.03 1.59 0.00
JENNISON___2 23626	31.63 1.92 0.30	27.51 1.83 0.02	25.16 1.50 0.21	24.75 1.44 0.23	23.86 1.33 -0.07	23.57 1.33 -0.06	22.10 1.15 0.00	22.91 1.19 0.00	24.35 1.27 0.00	26.79 1.43 0.12	27.99 1.51 0.04	29.79 1.68 0.30	33.05 1.84 0.06	33.10 1.82 0.14	33.68 1.85 0.06	36.53 1.98 0.28	40.99 2.15 0.34	46.60 2.81 0.81	46.10 3.03 0.24	39.83 2.95 0.00	38.19 2.66 0.00	35.04 1.99 -0.91	31.32 1.80 0.00	29.03 1.59 0.00

JERICO_RISE_WT_PWR 323719	29.64 -0.24 0.13	25.41 -0.28 0.01	23.44 -0.33 0.09	23.14 -0.31 0.10	22.18 -0.29 0.00	21.94 -0.24 0.00	20.76 -0.19 0.00	21.52 -0.20 0.00	22.92 -0.16 0.00	25.05 -0.30 0.14	26.13 -0.35 0.04	27.79 -0.28 0.34	30.86 -0.34 0.06	30.82 -0.44 0.15	31.38 -0.45 0.07	34.20 -0.31 0.31	38.39 -0.16 0.63	42.96 -0.13 1.51	42.99 0.13 0.46	36.88 0.00 0.00	35.38 -0.14 0.00	31.81 -0.32 0.00	28.96 -0.56 0.00	26.78 -0.66 0.00
KATONAH__115KV_46KV_TB4 355592	32.20 2.46 0.26	27.77 2.08 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.48 1.80 -0.21	24.14 1.77 -0.19	22.60 1.65 0.00	23.62 1.91 0.00	25.09 2.01 0.00	28.35 2.40 -0.46	29.16 2.49 -0.15	32.13 2.59 -1.14	34.33 2.85 -0.22	34.81 2.89 -0.51	35.07 2.93 -0.24	38.99 3.13 -1.03	44.28 3.45 -1.66	52.53 3.97 -3.96	48.19 3.68 -1.20	39.83 2.95 0.00	38.29 2.77 0.00	36.85 2.73 -1.99	31.88 2.36 0.00	29.71 2.28 0.00
KCE_NY_1 323755	31.85 2.13 0.29	27.45 1.77 0.02	25.36 1.69 0.20	25.02 1.70 0.22	24.38 1.62 -0.29	24.00 1.57 -0.25	22.43 1.49 0.00	23.19 1.48 0.00	24.72 1.64 0.00	29.50 1.96 -2.05	29.28 2.09 -0.66	35.64 2.22 -5.01	34.70 2.47 -0.96	36.08 2.42 -2.25	35.45 2.49 -1.06	42.02 2.65 -4.55	49.24 2.94 -7.12	64.98 3.35 -17.03	51.62 3.16 -5.14	39.49 2.62 0.00	38.11 2.59 0.00	40.74 2.41 -6.20	31.62 2.10 0.00	29.33 1.89 0.00
KCE_NY_6_ESR 323823	29.18 -0.45 0.38	25.85 0.18 0.03	23.24 -0.36 0.27	22.78 -0.47 0.29	22.03 -0.47 -0.03	21.73 -0.49 -0.04	20.76 -0.19 0.00	21.32 -0.39 0.00	22.69 -0.39 0.00	24.77 -0.30 0.41	26.01 -0.37 0.13	27.21 -0.20 1.01	30.88 -0.19 0.19	30.49 -0.47 0.45	31.33 -0.35 0.21	33.21 -0.70 0.91	37.07 -0.78 1.32	40.65 -0.80 3.15	41.15 -1.21 0.95	37.39 0.52 0.00	35.20 -0.32 0.00	32.02 -0.42 -0.31	29.73 0.21 0.00	27.44 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	36.20 3.51 -2.68	35.09 2.95 -6.43	33.23 2.79 -6.58	31.00 2.64 -4.82	30.69 2.49 -5.73	30.71 2.48 -6.05	29.55 2.32 -6.28	30.95 2.58 -6.66	34.24 2.72 -8.44	35.42 3.11 -6.82	37.28 3.07 -7.69	37.81 3.18 -6.22	40.84 3.47 -6.11	43.82 3.52 -8.89	45.14 3.51 -9.74	49.80 3.76 -11.22	51.05 4.19 -7.69	59.50 4.46 -10.44	64.70 4.20 -17.19	52.35 3.06 -12.42	51.86 3.09 -13.25	51.70 3.15 -16.42	42.78 3.16 -10.10	37.39 3.15 -6.80
KEDC_PORT_JEFF_GT3 24211	36.20 3.51 -2.68	35.09 2.95 -6.43	33.23 2.79 -6.58	31.00 2.64 -4.82	30.69 2.49 -5.73	30.71 2.48 -6.05	29.55 2.32 -6.28	30.95 2.58 -6.66	34.24 2.72 -8.44	35.42 3.11 -6.82	37.28 3.07 -7.69	37.81 3.18 -6.22	40.84 3.47 -6.11	43.82 3.52 -8.89	45.14 3.51 -9.74	49.80 3.76 -11.22	51.05 4.19 -7.69	59.50 4.46 -10.44	64.70 4.20 -17.19	52.35 3.06 -12.42	51.86 3.09 -13.25	51.70 3.15 -16.42	42.78 3.16 -10.10	37.39 3.15 -6.80
KEDC_GLWD_GT4 24219	35.57 2.88 -2.68	34.53 2.39 -6.43	32.75 2.31 -6.58	30.58 2.21 -4.82	30.31 2.11 -5.73	30.31 2.08 -6.05	29.20 1.97 -6.29	30.56 2.19 -6.66	33.80 2.29 -8.44	34.96 2.65 -6.82	36.94 2.73 -7.69	37.40 2.84 -6.15	38.89 3.13 -4.50	41.27 3.02 -6.84	41.16 3.00 -6.27	44.56 3.34 -6.40	48.76 3.68 -5.90	52.72 4.15 -3.98	51.70 3.85 -4.53	44.26 2.66 -4.73	41.54 2.77 -3.25	38.88 2.89 -3.86	37.60 2.69 -5.40	36.73 2.66 -6.63
KEDC_GLWD_GT5 24220	35.57 2.88 -2.68	34.53 2.39 -6.43	32.75 2.31 -6.58	30.58 2.21 -4.82	30.31 2.11 -5.73	30.31 2.08 -6.05	29.20 1.97 -6.29	30.56 2.19 -6.66	33.80 2.29 -8.44	34.96 2.65 -6.82	36.94 2.73 -7.69	37.40 2.84 -6.15	38.89 3.13 -4.50	41.27 3.02 -6.84	41.16 3.00 -6.27	44.56 3.34 -6.40	48.76 3.68 -5.90	52.72 4.15 -3.98	51.70 3.85 -4.53	44.26 2.66 -4.73	41.54 2.77 -3.25	38.88 2.89 -3.86	37.60 2.69 -5.40	36.73 2.66 -6.63
KENSICO____ 23655	32.06 2.31 0.26	27.61 1.93 0.02	25.57 1.89 0.18	25.13 1.79 0.20	24.36 1.69 -0.20	24.03 1.66 -0.18	22.51 1.57 0.00	23.49 1.78 0.00	24.95 1.87 0.00	28.08 2.14 -0.45	28.86 2.20 -0.15	31.78 2.27 -1.10	34.01 2.53 -0.21	34.48 2.58 -0.49	34.68 2.55 -0.23	38.67 2.86 -1.00	43.91 3.13 -1.60	51.96 3.52 -3.84	47.72 3.25 -1.16	39.20 2.32 0.00	37.72 2.20 0.00	36.36 2.28 -1.94	31.68 2.16 0.00	29.55 2.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.24 2.49 0.26	27.74 2.06 0.02	25.62 1.93 0.18	25.18 1.84 0.20	24.35 1.69 -0.19	23.99 1.64 -0.17	22.47 1.53 0.00	23.28 1.56 0.00	24.65 1.57 0.00	27.64 1.71 -0.44	28.41 1.75 -0.14	31.28 1.79 -1.08	33.38 1.91 -0.21	33.91 2.01 -0.48	34.07 1.95 -0.23	38.03 2.23 -0.98	43.22 2.47 -1.58	51.26 2.90 -3.77	47.22 2.77 -1.14	38.90 2.03 0.00	37.47 1.95 0.00	36.08 2.02 -1.92	31.50 1.98 0.00	29.36 1.92 0.00
KIAC_JFK_GT1 23816	32.48 2.73 0.26	27.89 2.21 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.25 1.89 -0.19	22.75 1.80 0.00	23.80 2.08 0.00	25.27 2.19 0.00	28.49 2.55 -0.45	29.10 2.44 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.77 2.86 -0.49	34.93 2.81 -0.23	39.03 3.20 -1.00	44.39 3.60 -1.61	52.47 4.01 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	37.87 2.34 0.00	36.59 2.51 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
KIAC_JFK_GT2 23817	32.48 2.73 0.26	27.89 2.21 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.25 1.89 -0.19	22.75 1.80 0.00	23.80 2.08 0.00	25.27 2.19 0.00	28.49 2.55 -0.45	29.10 2.44 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.77 2.86 -0.49	34.93 2.81 -0.23	39.03 3.20 -1.00	44.39 3.60 -1.61	52.47 4.01 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	37.87 2.34 0.00	36.59 2.51 -1.95	32.15 2.63 0.00	29.96 2.52 0.00
KIAC_JFK____ 323774	32.48 2.73 0.26	27.84 2.16 0.02	25.83 2.15 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.25 1.88 -0.19	22.75 1.80 0.00	23.80 2.08 0.00	25.25 2.17 0.00	28.49 2.55 -0.45	29.10 2.44 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.77 2.86 -0.49	34.94 2.81 -0.23	39.06 3.24 -1.00	44.39 3.60 -1.61	52.47 4.02 -3.85	48.29 3.81 -1.16	39.20 2.32 0.00	37.87 2.34 0.00	36.59 2.51 -1.95	32.09 2.57 0.00	29.96 2.52 0.00
KINTIGH____ 23543	29.12 -0.48 0.41	25.29 -0.39 0.03	23.22 -0.36 0.28	22.81 -0.42 0.31	21.78 -0.72 -0.03	21.48 -0.73 -0.03	20.46 -0.48 0.00	21.02 -0.69 0.00	22.34 -0.74 0.00	24.33 -0.71 0.44	25.61 -0.77 0.14	26.62 -0.71 1.08	30.34 -0.72 0.21	29.99 -0.94 0.49	30.80 -0.86 0.23	32.72 -1.11 0.98	36.42 -1.33 1.43	39.63 -1.56 3.41	40.46 -1.82 1.03	36.03 -0.85 0.00	34.60 -0.92 0.00	31.41 -0.96 -0.24	29.02 -0.50 0.00	26.94 -0.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.94 0.06 0.12	25.72 0.03 0.01	23.71 -0.07 0.09	23.38 -0.07 0.09	22.41 -0.07 0.00	22.14 -0.04 0.00	20.96 0.02 0.00	21.76 0.04 0.00	23.17 0.09 0.00	25.33 -0.03 0.13	26.40 -0.08 0.04	28.09 0.00 0.32	31.20 0.00 0.06	31.18 -0.09 0.14	31.73 -0.10 0.07	34.63 0.10 0.29	38.87 0.31 0.61	43.58 0.45 1.47	43.60 0.74 0.44	37.50 0.63 0.00	35.91 0.39 0.00	32.23 0.10 0.00	29.32 -0.21 0.00	27.08 -0.36 0.00

LACHUTE___HYDRO 323717	33.80 4.08 0.29	29.05 3.37 0.02	26.72 3.06 0.20	26.38 3.06 0.22	25.71 2.94 -0.30	25.30 2.88 -0.25	23.73 2.79 0.00	24.47 2.76 0.00	26.24 3.16 0.00	31.48 3.92 -2.07	31.48 4.30 -0.67	38.02 4.54 -5.06	37.30 5.06 -0.97	38.49 4.81 -2.27	37.91 4.94 -1.07	44.60 5.19 -4.59	52.21 5.84 -7.19	68.62 6.82 -17.20	55.00 6.49 -5.19	42.48 5.60 0.00	41.06 5.54 0.00	43.30 4.92 -6.25	33.77 4.25 0.00	31.03 3.59 0.00
LAWRNCV_115KV_TB1 80681	28.84 -1.02 0.15	24.87 -0.82 0.01	22.88 -0.88 0.10	22.59 -0.85 0.11	21.67 -0.81 0.00	21.39 -0.80 -0.01	20.17 -0.77 0.00	20.89 -0.83 0.00	22.25 -0.83 0.00	24.27 -1.02 0.20	25.39 -1.06 0.06	26.88 -1.05 0.48	30.05 -1.13 0.09	30.07 -1.13 0.22	30.61 -1.18 0.10	33.17 -1.22 0.44	37.13 -1.25 0.79	41.32 -1.38 1.89	41.70 -1.04 0.57	36.03 -0.85 0.00	34.56 -0.96 0.00	31.14 -1.00 0.00	28.46 -1.06 0.00	26.31 -1.12 0.00
LEDERLE___ 23769	32.03 2.28 0.26	27.59 1.90 0.02	25.55 1.86 0.18	25.11 1.77 0.20	24.33 1.66 -0.19	23.97 1.62 -0.18	22.47 1.53 0.00	23.41 1.69 0.00	24.88 1.80 0.00	27.94 2.04 -0.41	28.75 2.09 -0.13	31.59 2.16 -1.01	33.84 2.38 -0.19	34.29 2.42 -0.45	34.53 2.42 -0.22	38.42 2.68 -0.92	43.64 2.98 -1.48	51.54 3.39 -3.55	47.50 3.12 -1.07	39.13 2.25 0.00	37.65 2.13 0.00	36.20 2.22 -1.85	31.59 2.07 0.00	29.47 2.03 0.00
LIGHTHSE_115KV_TB6 355974	29.72 -0.15 0.13	25.59 -0.10 0.01	23.58 -0.19 0.09	23.21 -0.24 0.10	22.24 -0.25 -0.02	21.96 -0.24 -0.02	20.67 -0.27 0.00	21.39 -0.33 0.00	22.71 -0.37 0.00	24.62 -0.41 0.47	26.02 -0.34 0.15	26.93 -0.34 1.15	30.67 -0.38 0.22	30.49 -0.41 0.51	31.27 -0.38 0.24	33.36 -0.42 1.04	37.14 -0.51 1.53	40.45 -0.49 3.66	41.95 -0.26 1.10	36.84 -0.04 0.00	35.34 -0.18 0.00	31.88 -0.26 0.00	29.26 -0.27 0.00	27.14 -0.30 0.00
LINDEN COGEN___ 23786	32.17 2.43 0.26	27.64 1.95 0.02	25.64 1.96 0.18	25.18 1.84 0.20	24.41 1.73 -0.20	24.07 1.71 -0.19	22.56 1.61 0.00	23.58 1.87 0.00	25.02 1.94 0.00	28.21 2.27 -0.45	28.97 2.31 -0.15	31.90 2.39 -1.10	34.07 2.59 -0.21	34.55 2.64 -0.49	34.71 2.58 -0.23	38.71 2.89 -1.00	43.96 3.17 -1.61	51.97 3.52 -3.85	47.72 3.25 -1.16	38.87 1.99 0.00	37.54 2.02 0.00	36.30 2.22 -1.95	31.76 2.24 0.00	29.69 2.25 0.00
LINDHRST_69_KV_BK1 356055	36.32 3.63 -2.68	35.20 3.06 -6.43	33.33 2.89 -6.58	31.12 2.75 -4.82	30.81 2.61 -5.73	30.80 2.57 -6.05	29.66 2.43 -6.28	31.04 2.67 -6.66	34.36 2.84 -8.44	35.52 3.21 -6.82	37.39 3.18 -7.69	37.89 3.32 -6.15	39.77 3.66 -4.85	42.51 3.80 -7.29	42.67 3.73 -7.05	48.41 4.14 -9.45	50.09 4.62 -6.30	53.98 5.13 -4.25	53.62 4.85 -5.46	47.10 3.76 -6.46	43.09 3.59 -3.98	40.42 3.50 -4.78	39.40 3.42 -6.45	37.36 3.26 -6.66
LIPA_MISC_IPP 23656	36.17 3.48 -2.68	35.12 2.98 -6.43	33.21 2.77 -6.58	30.96 2.59 -4.82	30.65 2.45 -5.73	30.65 2.42 -6.05	29.51 2.28 -6.28	30.91 2.54 -6.66	34.19 2.68 -8.44	35.34 3.03 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.20	40.63 3.41 -5.96	43.64 3.52 -8.70	44.81 3.48 -9.44	50.41 3.93 -11.65	51.09 4.39 -7.53	56.69 4.82 -7.27	63.13 4.55 -15.27	52.17 3.54 -11.75	50.62 3.37 -11.73	49.85 3.21 -14.51	42.46 3.25 -9.69	37.40 3.18 -6.78
LISF___SOLAR 323691	36.26 3.57 -2.68	35.15 3.01 -6.43	33.25 2.81 -6.58	31.02 2.66 -4.82	30.69 2.49 -5.73	30.71 2.48 -6.05	29.55 2.32 -6.28	30.95 2.58 -6.66	34.24 2.72 -8.44	35.39 3.08 -6.82	37.28 3.07 -7.69	37.80 3.18 -6.20	40.71 3.47 -5.98	43.72 3.58 -8.73	44.94 3.57 -9.47	50.57 4.04 -11.71	51.22 4.50 -7.55	59.07 4.95 -9.52	63.43 4.72 -15.40	52.25 3.54 -11.83	50.79 3.44 -11.83	50.08 3.31 -14.64	42.57 3.31 -9.74	37.46 3.24 -6.78
LITTLE FALLS___HYD 24013	29.92 0.39 0.48	26.05 0.39 0.04	23.84 0.31 0.34	23.46 0.28 0.37	22.72 0.25 0.00	22.41 0.22 -0.01	21.07 0.13 0.00	21.82 0.11 0.00	23.22 0.14 0.00	25.03 0.23 0.69	26.56 0.27 0.22	27.00 0.28 1.70	31.25 0.31 0.33	31.00 0.35 0.76	31.92 0.38 0.36	33.70 0.42 1.54	37.35 0.39 2.22	39.87 0.58 5.31	42.36 0.65 1.60	37.58 0.70 0.00	36.05 0.53 0.00	32.52 0.39 0.00	29.88 0.35 0.00	27.79 0.36 0.00
LITTLRIV_115KV_TB1 356100	29.17 -0.69 0.15	25.18 -0.51 0.01	23.16 -0.60 0.10	22.87 -0.57 0.11	21.91 -0.56 0.00	21.65 -0.53 -0.01	20.38 -0.57 0.00	21.08 -0.63 0.00	22.48 -0.60 0.00	24.52 -0.76 0.20	25.66 -0.80 0.07	27.15 -0.77 0.50	30.36 -0.81 0.10	30.37 -0.82 0.22	30.93 -0.86 0.11	33.50 -0.87 0.45	37.50 -0.86 0.81	41.76 -0.89 1.94	42.29 -0.43 0.59	36.54 -0.33 0.00	35.09 -0.43 0.00	31.49 -0.64 0.00	28.75 -0.77 0.00	26.59 -0.85 0.00
LI_NEWBRDGE___DRP 323616	35.45 2.76 -2.68	34.48 2.34 -6.43	32.68 2.24 -6.58	30.51 2.14 -4.82	30.25 2.04 -5.73	30.25 2.02 -6.05	29.13 1.91 -6.28	30.50 2.13 -6.66	33.73 2.22 -8.44	34.83 2.52 -6.82	36.67 2.47 -7.69	37.12 2.56 -6.15	38.58 2.81 -4.50	41.14 2.89 -6.84	41.04 2.87 -6.27	44.39 3.17 -6.40	48.60 3.53 -5.90	52.50 3.92 -3.98	51.52 3.68 -4.53	44.30 2.69 -4.73	41.36 2.59 -3.25	38.56 2.57 -3.86	37.49 2.57 -5.40	36.60 2.52 -6.63
LOCKPORT_115KV_TB60_63_64 80432	29.01 -0.60 0.39	25.36 -0.31 0.03	23.09 -0.50 0.27	22.68 -0.57 0.30	21.74 -0.76 -0.03	21.44 -0.78 -0.04	20.53 -0.42 0.00	20.98 -0.74 0.00	22.27 -0.81 0.00	24.30 -0.76 0.43	25.56 -0.82 0.14	26.62 -0.74 1.05	30.31 -0.75 0.20	29.94 -1.01 0.47	30.75 -0.92 0.22	32.61 -1.25 0.95	36.34 -1.45 1.38	39.60 -1.69 3.30	40.32 -1.99 1.00	36.03 -0.85 0.00	34.60 -0.92 0.00	31.44 -0.96 -0.27	29.11 -0.41 0.00	27.03 -0.41 0.00
LOCKPORT___CC1 323769	28.98 -0.63 0.39	25.49 -0.18 0.03	23.11 -0.48 0.27	22.68 -0.57 0.30	21.74 -0.76 -0.03	21.44 -0.78 -0.04	20.53 -0.42 0.00	21.00 -0.72 0.00	22.30 -0.78 0.00	24.30 -0.76 0.43	25.56 -0.82 0.14	26.62 -0.74 1.05	30.31 -0.75 0.20	29.91 -1.04 0.47	30.75 -0.93 0.22	32.55 -1.32 0.95	36.31 -1.49 1.38	39.61 -1.69 3.29	40.32 -1.99 1.00	36.80 -0.07 0.00	34.60 -0.92 0.00	31.41 -1.00 -0.27	29.28 -0.24 0.00	27.03 -0.41 0.00
LOCKPORT___CC2 323770	28.98 -0.63 0.39	25.49 -0.18 0.03	23.11 -0.48 0.27	22.68 -0.57 0.30	21.74 -0.76 -0.03	21.44 -0.78 -0.04	20.53 -0.42 0.00	21.00 -0.72 0.00	22.30 -0.78 0.00	24.30 -0.76 0.43	25.56 -0.82 0.14	26.62 -0.74 1.05	30.31 -0.75 0.20	29.91 -1.04 0.47	30.75 -0.93 0.22	32.55 -1.32 0.95	36.31 -1.49 1.38	39.61 -1.69 3.29	40.32 -1.99 1.00	36.80 -0.07 0.00	34.60 -0.92 0.00	31.41 -1.00 -0.27	29.28 -0.24 0.00	27.03 -0.41 0.00
LOCKPORT___CC3 323771	28.98 -0.63 0.39	25.49 -0.18 0.03	23.11 -0.48 0.27	22.68 -0.57 0.30	21.74 -0.76 -0.03	21.44 -0.78 -0.04	20.53 -0.42 0.00	21.00 -0.72 0.00	22.30 -0.78 0.00	24.30 -0.76 0.43	25.56 -0.82 0.14	26.62 -0.74 1.05	30.31 -0.75 0.20	29.91 -1.04 0.47	30.75 -0.93 0.22	32.55 -1.32 0.95	36.31 -1.49 1.38	39.61 -1.69 3.29	40.32 -1.99 1.00	36.80 -0.07 0.00	34.60 -0.92 0.00	31.41 -1.00 -0.27	29.28 -0.24 0.00	27.03 -0.41 0.00

LONG_LAKE_PHOENIX 24014	29.60 -0.36 0.05	25.39 -0.31 0.00	23.50 -0.33 0.04	23.15 -0.35 0.04	22.15 -0.34 -0.02	21.85 -0.35 -0.02	20.61 -0.34 0.00	21.37 -0.35 0.00	22.69 -0.39 0.00	24.61 -0.41 0.48	25.97 -0.40 0.15	26.82 -0.43 1.17	30.60 -0.44 0.22	30.42 -0.47 0.52	31.20 -0.45 0.25	33.24 -0.52 1.06	37.04 -0.59 1.55	40.27 -0.62 3.70	41.59 -0.61 1.12	36.54 -0.33 0.00	35.06 -0.46 0.00	31.59 -0.55 0.00	29.05 -0.47 0.00	27.00 -0.44 0.00
LOVETT___3 23632	31.79 2.04 0.26	27.41 1.72 0.02	25.38 1.69 0.18	24.97 1.62 0.20	24.19 1.53 -0.20	23.86 1.51 -0.18	22.35 1.40 0.00	23.32 1.61 0.00	24.77 1.68 0.00	27.82 1.91 -0.42	28.62 1.96 -0.14	31.43 1.99 -1.02	33.65 2.19 -0.20	34.14 2.26 -0.46	34.34 2.23 -0.22	38.22 2.47 -0.93	43.42 2.74 -1.50	51.26 3.08 -3.58	47.21 2.82 -1.08	38.87 1.99 0.00	37.40 1.88 0.00	35.99 1.99 -1.86	31.38 1.86 0.00	29.28 1.84 0.00
LOVETT___4 23642	31.79 2.04 0.26	27.41 1.72 0.02	25.38 1.69 0.18	24.97 1.62 0.20	24.19 1.53 -0.20	23.86 1.51 -0.18	22.35 1.40 0.00	23.32 1.61 0.00	24.77 1.68 0.00	27.82 1.91 -0.42	28.62 1.96 -0.14	31.43 1.99 -1.02	33.65 2.19 -0.20	34.14 2.26 -0.46	34.34 2.23 -0.22	38.22 2.47 -0.93	43.42 2.74 -1.50	51.26 3.08 -3.58	47.21 2.82 -1.08	38.87 1.99 0.00	37.40 1.88 0.00	35.99 1.99 -1.86	31.38 1.86 0.00	29.28 1.84 0.00
LOVETT___5 23593	31.79 2.04 0.26	27.41 1.72 0.02	25.38 1.69 0.18	24.97 1.62 0.20	24.19 1.53 -0.20	23.86 1.51 -0.18	22.35 1.40 0.00	23.32 1.61 0.00	24.77 1.68 0.00	27.82 1.91 -0.42	28.62 1.96 -0.14	31.43 1.99 -1.02	33.65 2.19 -0.20	34.14 2.26 -0.46	34.34 2.23 -0.22	38.22 2.47 -0.93	43.42 2.74 -1.50	51.26 3.08 -3.58	47.21 2.82 -1.08	38.87 1.99 0.00	37.40 1.88 0.00	35.99 1.99 -1.86	31.38 1.86 0.00	29.28 1.84 0.00
LOWER RAQUET___HYD 24057	28.69 -1.17 0.15	24.72 -0.98 0.01	22.76 -1.00 0.11	22.44 -0.99 0.12	21.53 -0.94 0.00	21.27 -0.91 -0.01	20.04 -0.90 0.00	20.76 -0.95 0.00	22.13 -0.95 0.00	24.11 -1.17 0.21	25.26 -1.19 0.07	26.68 -1.22 0.52	29.85 -1.31 0.10	29.87 -1.32 0.23	30.45 -1.34 0.11	32.96 -1.39 0.47	36.89 -1.45 0.83	41.01 -1.60 1.99	41.45 -1.66 0.60	35.81 -1.07 0.00	34.42 -1.10 0.00	30.94 -1.19 0.00	28.28 -1.24 0.00	26.18 -1.26 0.00
LOWER___HUDSON 24059	31.37 1.65 0.29	27.07 1.39 0.02	25.02 1.36 0.20	24.69 1.37 0.22	24.04 1.28 -0.29	23.68 1.26 -0.24	22.14 1.19 0.00	22.91 1.19 0.00	24.37 1.29 0.00	28.79 1.50 -1.80	28.66 1.56 -0.58	34.49 1.68 -4.40	33.99 1.88 -0.85	35.24 1.85 -1.97	34.71 1.88 -0.93	40.84 2.02 -4.00	47.67 2.23 -6.26	62.08 2.50 -14.98	50.17 2.34 -4.52	38.76 1.88 0.00	37.37 1.85 0.00	39.43 1.77 -5.53	31.09 1.56 0.00	28.92 1.48 0.00
LOWVILLE_115KV_TB2 356335	29.75 0.00 0.26	25.73 0.05 0.02	23.37 -0.31 0.18	22.97 -0.38 0.20	22.05 -0.43 -0.01	21.79 -0.40 -0.02	20.44 -0.50 0.00	21.11 -0.61 0.00	22.46 -0.62 0.00	24.32 -0.71 0.46	25.73 -0.64 0.15	26.70 -0.60 1.12	30.71 -0.34 0.22	30.54 -0.38 0.50	31.24 -0.41 0.24	33.49 -0.31 1.01	37.30 -0.35 1.52	40.74 -0.22 3.64	42.43 0.22 1.10	37.25 0.37 0.00	35.73 0.21 0.00	32.04 -0.10 0.00	29.34 -0.18 0.00	27.16 -0.27 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.85 2.13 0.29	27.45 1.77 0.02	25.33 1.67 0.20	24.99 1.67 0.22	24.36 1.60 -0.29	24.00 1.57 -0.25	22.41 1.47 0.00	23.19 1.48 0.00	24.70 1.62 0.00	29.47 1.94 -2.05	29.25 2.07 -0.66	35.64 2.22 -5.01	34.70 2.47 -0.96	36.05 2.39 -2.25	35.41 2.46 -1.06	41.98 2.61 -4.55	49.20 2.90 -7.12	64.93 3.30 -17.03	51.57 3.12 -5.14	39.53 2.66 0.00	38.08 2.56 0.00	40.71 2.38 -6.20	31.65 2.13 0.00	29.33 1.89 0.00
LUTHERNY_35_KV_BK2 355980	31.85 2.13 0.29	27.48 1.80 0.02	25.36 1.69 0.20	25.02 1.70 0.22	24.38 1.62 -0.29	24.00 1.57 -0.25	22.43 1.49 0.00	23.19 1.48 0.00	24.72 1.64 0.00	29.50 1.96 -2.05	29.28 2.09 -0.66	35.64 2.22 -5.01	34.70 2.47 -0.96	36.08 2.42 -2.25	35.45 2.49 -1.06	42.02 2.65 -4.55	49.24 2.94 -7.12	64.98 3.34 -17.03	51.62 3.16 -5.14	39.57 2.69 0.00	38.11 2.59 0.00	40.74 2.41 -6.20	31.65 2.13 0.00	29.33 1.89 0.00
LWR___OSWEGATCHIE_HYD 23850	29.04 -0.78 0.19	25.07 -0.62 0.02	22.94 -0.79 0.13	22.60 -0.80 0.15	21.67 -0.81 -0.01	21.41 -0.78 -0.01	20.13 -0.82 0.00	20.80 -0.91 0.00	22.16 -0.92 0.00	24.08 -1.10 0.32	25.33 -1.09 0.10	26.55 -1.08 0.78	30.02 -1.09 0.15	29.97 -1.10 0.35	30.58 -1.15 0.17	33.00 -1.11 0.71	36.83 -1.21 1.13	40.64 -1.25 2.71	41.71 -0.78 0.82	36.32 -0.55 0.00	34.85 -0.67 0.00	31.26 -0.87 0.00	28.64 -0.89 0.00	26.48 -0.96 0.00
LYONS_FALL_HYD 23570	30.11 0.45 0.35	26.14 0.46 0.03	23.83 0.21 0.25	23.44 0.17 0.27	22.57 0.09 -0.01	22.33 0.13 -0.02	20.96 0.02 0.00	21.69 -0.02 0.00	23.08 0.00 0.00	24.94 0.00 0.55	26.42 0.08 0.18	27.20 0.14 1.36	31.32 0.31 0.26	31.12 0.31 0.61	31.89 0.29 0.29	33.94 0.35 1.23	37.72 0.35 1.80	40.87 0.58 4.31	42.83 0.82 1.30	37.87 1.00 0.00	36.23 0.71 0.00	32.49 0.35 0.00	29.82 0.30 0.00	27.63 0.19 0.00
MADISON___COUNTY_LFGE 323628	30.56 0.93 0.38	26.55 0.87 0.03	24.29 0.69 0.26	23.92 0.66 0.29	23.07 0.58 -0.01	22.80 0.60 -0.02	21.43 0.48 0.00	22.19 0.48 0.00	23.59 0.51 0.00	25.51 0.59 0.57	27.00 0.66 0.18	27.75 0.74 1.40	31.84 0.84 0.27	31.64 0.85 0.63	32.49 0.89 0.30	34.49 0.94 1.27	38.35 1.02 1.84	41.54 1.34 4.40	43.45 1.47 1.33	38.35 1.48 0.00	36.76 1.24 0.00	33.00 0.87 0.00	30.29 0.77 0.00	28.12 0.69 0.00
MALONE___115KV_TB1 356076	29.52 -0.36 0.13	25.39 -0.31 0.01	23.37 -0.41 0.09	23.07 -0.38 0.10	22.11 -0.36 0.00	21.85 -0.33 -0.01	20.69 -0.25 0.00	21.45 -0.26 0.00	22.90 -0.18 0.00	25.00 -0.33 0.16	26.10 -0.37 0.05	27.72 -0.31 0.38	30.85 -0.34 0.07	30.80 -0.44 0.17	31.37 -0.45 0.08	34.13 -0.35 0.35	38.30 -0.20 0.68	42.84 -0.13 1.63	42.99 0.17 0.49	36.99 0.11 0.00	35.45 -0.07 0.00	31.84 -0.29 0.00	28.99 -0.53 0.00	26.75 -0.69 0.00
MAPLEWOD_115KV_TB3 80458	31.37 1.65 0.29	27.07 1.39 0.02	25.03 1.36 0.20	24.67 1.34 0.22	24.03 1.28 -0.28	23.68 1.26 -0.24	22.12 1.17 0.00	22.89 1.17 0.00	24.33 1.25 0.00	28.56 1.48 -1.59	28.60 1.56 -0.51	33.98 1.68 -3.89	33.86 1.84 -0.75	35.01 1.85 -1.75	34.63 1.91 -0.83	40.41 2.05 -3.53	46.95 2.23 -5.54	60.40 2.54 -13.26	49.74 2.43 -4.00	38.87 1.99 0.00	37.44 1.92 0.00	38.90 1.80 -4.97	31.15 1.62 0.00	28.92 1.48 0.00
MAPLE RIDGE_WT_1 323574	29.18 -0.48 0.35	25.26 -0.41 0.03	23.24 -0.38 0.24	22.90 -0.38 0.27	22.11 -0.36 0.00	21.86 -0.33 -0.01	20.67 -0.27 0.00	21.39 -0.33 0.00	22.71 -0.37 0.00	24.55 -0.43 0.51	25.93 -0.43 0.16	26.75 -0.43 1.24	30.56 -0.47 0.24	30.39 -0.47 0.56	31.12 -0.51 0.26	33.14 -0.56 1.13	37.10 -0.47 1.61	40.26 -0.49 3.85	41.76 -0.39 1.16	36.62 -0.26 0.00	35.10 -0.42 0.00	31.68 -0.45 0.00	29.05 -0.47 0.00	26.97 -0.47 0.00

MAPLE RIDGE_WT_2 323611	29.18 -0.48 0.35	25.26 -0.41 0.03	23.24 -0.38 0.24	22.90 -0.38 0.27	22.11 -0.36 0.00	21.86 -0.33 -0.01	20.67 -0.27 0.00	21.39 -0.33 0.00	22.71 -0.37 0.00	24.55 -0.43 0.51	25.93 -0.43 0.16	26.75 -0.43 1.24	30.56 -0.47 0.24	30.39 -0.47 0.56	31.12 -0.51 0.26	33.14 -0.56 1.13	37.10 -0.47 1.61	40.26 -0.49 3.85	41.76 -0.39 1.16	36.62 -0.26 0.00	35.10 -0.42 0.00	31.68 -0.45 0.00	29.05 -0.47 0.00	26.97 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	29.74 -0.15 0.12	25.52 -0.18 0.01	23.54 -0.24 0.09	23.22 -0.24 0.09	22.25 -0.22 0.00	22.00 -0.18 0.00	20.82 -0.12 0.00	21.58 -0.13 0.00	22.97 -0.11 0.00	25.13 -0.23 0.13	26.21 -0.27 0.04	27.87 -0.23 0.32	30.95 -0.25 0.06	30.93 -0.34 0.14	31.48 -0.35 0.07	34.32 -0.21 0.29	38.49 -0.08 0.61	43.15 0.00 1.45	43.09 0.22 0.44	36.99 0.11 0.00	35.49 -0.04 0.00	31.87 -0.26 0.00	29.02 -0.50 0.00	26.83 -0.60 0.00
MARSHVLE_115KV_TB1 80742	32.02 2.31 0.30	27.66 1.98 0.02	25.45 1.79 0.21	25.08 1.77 0.23	24.50 1.69 -0.34	24.16 1.69 -0.29	22.47 1.53 0.00	23.23 1.52 0.00	24.67 1.59 0.00	29.04 1.81 -1.74	28.99 1.91 -0.56	34.70 2.02 -4.27	34.30 2.22 -0.82	35.49 2.17 -1.91	35.10 2.30 -0.91	41.16 2.47 -3.87	48.11 2.86 -6.08	62.74 3.61 -14.53	51.42 3.72 -4.39	40.23 3.36 0.00	38.75 3.23 0.00	40.59 2.99 -5.47	32.12 2.60 0.00	29.66 2.22 0.00
MARSH_HILL_WT_PWR 323713	30.20 0.54 0.35	26.55 0.87 0.03	23.96 0.33 0.24	23.54 0.26 0.27	22.76 0.25 -0.04	22.47 0.24 -0.04	21.30 0.36 0.00	21.97 0.26 0.00	23.40 0.32 0.00	25.51 0.38 0.37	26.74 0.34 0.12	27.99 0.48 0.90	31.65 0.56 0.17	31.42 0.41 0.40	32.24 0.54 0.19	34.39 0.38 0.82	38.47 0.47 1.17	42.60 0.80 2.80	43.20 0.74 0.85	38.68 1.81 0.00	36.62 1.10 0.00	33.29 0.77 -0.39	30.55 1.03 0.00	28.23 0.80 0.00
MCINTYRE_115KV_TB2 80467	29.50 -0.36 0.14	25.46 -0.23 0.01	23.43 -0.33 0.10	23.13 -0.31 0.11	22.16 -0.31 0.00	21.90 -0.29 -0.01	20.59 -0.36 0.00	21.30 -0.41 0.00	22.69 -0.39 0.00	24.76 -0.54 0.19	25.90 -0.56 0.06	27.43 -0.51 0.47	30.61 -0.56 0.09	30.67 -0.53 0.21	31.22 -0.57 0.10	33.84 -0.56 0.43	37.88 -0.51 0.78	42.24 -0.49 1.87	42.75 0.00 0.56	36.95 0.07 0.00	35.49 -0.04 0.00	31.84 -0.29 0.00	29.08 -0.44 0.00	26.89 -0.55 0.00
MECO____69_KV_BK1 80468	33.70 3.99 0.30	29.05 3.37 0.02	26.64 2.98 0.21	26.28 2.97 0.23	25.65 2.85 -0.33	25.25 2.79 -0.28	23.56 2.62 0.00	24.19 2.48 0.00	25.62 2.54 0.00	30.24 2.85 -1.89	30.13 3.00 -0.61	36.18 3.13 -4.64	35.60 3.44 -0.89	36.86 3.36 -2.08	36.45 3.57 -0.98	42.83 3.80 -4.21	50.32 4.54 -6.60	66.32 5.93 -15.79	54.27 6.19 -4.77	42.52 5.64 0.00	41.06 5.54 0.00	42.96 4.98 -5.85	33.86 4.34 0.00	31.09 3.65 0.00
MENANDS__115KV_TB5 355628	31.07 1.35 0.28	26.81 1.13 0.02	24.81 1.15 0.20	24.46 1.13 0.22	23.83 1.08 -0.28	23.48 1.06 -0.24	21.95 1.01 0.00	22.69 0.98 0.00	24.12 1.04 0.00	28.23 1.25 -1.49	28.30 1.30 -0.48	33.45 1.39 -3.65	33.50 1.53 -0.70	34.59 1.54 -1.64	34.23 1.56 -0.77	39.80 1.67 -3.31	46.18 1.80 -5.20	59.04 2.01 -12.43	48.93 1.86 -3.76	38.39 1.51 0.00	36.94 1.42 0.00	38.22 1.38 -4.70	30.79 1.27 0.00	28.62 1.18 0.00
MG INDUSTRY__DRP 24185	31.20 1.47 0.28	26.92 1.23 0.02	24.86 1.19 0.19	24.55 1.22 0.21	23.90 1.17 -0.26	23.56 1.15 -0.23	22.01 1.07 0.00	22.76 1.04 0.00	24.17 1.08 0.00	27.84 1.27 -1.08	28.19 1.33 -0.35	32.47 1.42 -2.64	33.34 1.56 -0.51	34.14 1.54 -1.18	34.05 1.59 -0.56	38.92 1.71 -2.40	44.79 1.84 -3.78	55.68 2.05 -9.03	47.94 1.91 -2.73	38.46 1.59 0.00	37.01 1.49 0.00	37.18 1.45 -3.60	30.85 1.33 0.00	28.70 1.26 0.00
MID__OSWEGATCHIE_HYD 23849	29.04 -0.78 0.19	25.07 -0.62 0.02	22.94 -0.79 0.13	22.60 -0.80 0.15	21.67 -0.81 -0.01	21.41 -0.78 -0.01	20.13 -0.82 0.00	20.80 -0.91 0.00	22.16 -0.92 0.00	24.08 -1.10 0.32	25.33 -1.09 0.10	26.55 -1.08 0.78	30.02 -1.09 0.15	29.97 -1.10 0.35	30.58 -1.15 0.17	33.00 -1.11 0.71	36.83 -1.21 1.13	40.64 -1.25 2.71	41.71 -0.78 0.82	36.32 -0.55 0.00	34.85 -0.67 0.00	31.26 -0.87 0.00	28.64 -0.89 0.00	26.48 -0.96 0.00
MID__RAQUETTE_HYD 23851	28.69 -1.17 0.15	24.74 -0.95 0.01	22.76 -1.00 0.11	22.44 -0.99 0.12	21.53 -0.94 0.00	21.28 -0.91 -0.01	20.04 -0.90 0.00	20.76 -0.96 0.00	22.13 -0.95 0.00	24.11 -1.17 0.21	25.26 -1.19 0.07	26.68 -1.22 0.52	29.85 -1.31 0.10	29.86 -1.32 0.23	30.45 -1.34 0.11	32.96 -1.39 0.47	36.89 -1.45 0.83	41.00 -1.61 1.99	41.50 -1.21 0.60	35.84 -1.03 0.00	34.42 -1.10 0.00	30.94 -1.19 0.00	28.28 -1.24 0.00	26.17 -1.26 0.00
MILLIKEN__1 23584	30.71 0.96 0.26	26.56 0.87 0.02	24.37 0.69 0.18	23.98 0.64 0.20	23.09 0.58 -0.04	22.77 0.55 -0.04	21.47 0.52 0.00	22.26 0.54 0.00	23.64 0.55 0.00	25.74 0.61 0.36	27.06 0.66 0.12	28.23 0.71 0.89	31.91 0.81 0.17	31.80 0.79 0.40	32.53 0.83 0.19	34.88 0.87 0.81	39.03 1.02 1.16	43.21 1.38 2.77	43.95 1.47 0.84	38.46 1.59 0.00	36.87 1.35 0.00	33.52 1.00 -0.39	30.44 0.92 0.00	28.26 0.82 0.00
MILLIKEN__2 23585	30.71 0.96 0.26	26.56 0.87 0.02	24.37 0.69 0.18	23.98 0.64 0.20	23.09 0.58 -0.04	22.77 0.55 -0.04	21.47 0.52 0.00	22.26 0.54 0.00	23.64 0.55 0.00	25.74 0.61 0.36	27.06 0.66 0.12	28.23 0.71 0.89	31.91 0.81 0.17	31.80 0.79 0.40	32.53 0.83 0.19	34.88 0.87 0.81	39.03 1.02 1.16	43.21 1.38 2.77	43.95 1.47 0.84	38.46 1.59 0.00	36.87 1.35 0.00	33.52 1.00 -0.39	30.44 0.92 0.00	28.26 0.82 0.00
MILLIKEN__DIESEL 23629	30.71 0.96 0.26	26.56 0.87 0.02	24.37 0.69 0.18	23.98 0.64 0.20	23.09 0.58 -0.04	22.77 0.55 -0.04	21.47 0.52 0.00	22.26 0.54 0.00	23.64 0.55 0.00	25.74 0.61 0.36	27.06 0.66 0.12	28.23 0.71 0.89	31.91 0.81 0.17	31.80 0.79 0.40	32.53 0.83 0.19	34.88 0.87 0.81	39.03 1.02 1.16	43.21 1.38 2.77	43.95 1.47 0.84	38.46 1.59 0.00	36.87 1.35 0.00	33.52 1.00 -0.39	30.44 0.92 0.00	28.26 0.82 0.00
MILLSEAT__LFGE 323607	29.61 0.00 0.39	25.98 0.31 0.03	23.54 -0.05 0.28	23.12 -0.12 0.30	22.14 -0.36 -0.03	21.83 -0.38 -0.03	20.88 -0.06 0.00	21.37 -0.35 0.00	22.69 -0.39 0.00	24.70 -0.36 0.43	26.01 -0.37 0.14	27.09 -0.26 1.06	30.84 -0.22 0.20	30.53 -0.41 0.48	31.35 -0.32 0.23	33.23 -0.63 0.97	37.15 -0.63 1.40	40.59 -0.67 3.34	41.35 -0.95 1.01	37.65 0.78 0.00	35.41 -0.11 0.00	32.13 -0.26 0.00	29.88 0.36 0.00	27.55 0.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.00 2.25 0.26	27.56 1.88 0.02	25.50 1.81 0.18	25.09 1.74 0.20	24.31 1.64 -0.20	23.98 1.62 -0.18	22.45 1.51 0.00	23.43 1.72 0.00	24.88 1.80 0.00	28.03 2.09 -0.44	28.81 2.15 -0.14	31.72 2.22 -1.09	33.91 2.44 -0.21	34.38 2.48 -0.49	34.58 2.46 -0.23	38.53 2.72 -0.99	43.78 3.02 -1.59	51.79 3.39 -3.80	47.58 3.12 -1.15	39.16 2.29 0.00	37.65 2.13 0.00	36.28 2.22 -1.94	31.59 2.07 0.00	29.47 2.03 0.00

MILLWOOD_13_KV_LOAD 356217	32.12 2.37 0.26	27.66 1.98 0.02	25.59 1.91 0.18	25.18 1.84 0.20	24.40 1.73 -0.20	24.07 1.71 -0.18	22.54 1.59 0.00	23.54 1.82 0.00	25.00 1.92 0.00	28.15 2.22 -0.44	28.94 2.28 -0.14	31.86 2.36 -1.09	34.07 2.59 -0.21	34.57 2.67 -0.49	34.80 2.68 -0.23	38.74 2.92 -0.99	43.98 3.21 -1.59	52.06 3.66 -3.80	47.84 3.38 -1.15	39.42 2.54 0.00	37.94 2.42 0.00	36.54 2.47 -1.94	31.74 2.21 0.00	29.60 2.17 0.00
MODEL_CITY_ENERGY 24167	28.65 -0.96 0.39	25.21 -0.46 0.03	22.85 -0.74 0.27	22.42 -0.82 0.30	21.49 -1.01 -0.03	21.19 -1.02 -0.04	20.29 -0.65 0.00	20.74 -0.98 0.00	22.04 -1.04 0.00	23.99 -1.07 0.43	25.24 -1.14 0.14	26.32 -1.05 1.04	29.94 -1.12 0.20	29.53 -1.41 0.47	30.36 -1.31 0.22	32.13 -1.74 0.95	35.85 -1.96 1.37	39.05 -2.27 3.28	39.76 -2.56 0.99	36.32 -0.55 0.00	34.14 -1.39 0.00	31.03 -1.38 -0.28	28.93 -0.59 0.00	26.70 -0.74 0.00
MODERN_LFGE_ 323580	28.65 -0.96 0.39	25.21 -0.46 0.03	22.85 -0.74 0.27	22.42 -0.82 0.30	21.49 -1.01 -0.03	21.19 -1.02 -0.04	20.29 -0.65 0.00	20.74 -0.98 0.00	22.04 -1.04 0.00	23.99 -1.07 0.43	25.24 -1.14 0.14	26.32 -1.05 1.04	29.94 -1.12 0.20	29.53 -1.41 0.47	30.36 -1.31 0.22	32.13 -1.74 0.95	35.85 -1.96 1.37	39.05 -2.27 3.28	39.76 -2.56 0.99	36.32 -0.55 0.00	34.14 -1.39 0.00	31.03 -1.38 -0.28	28.93 -0.59 0.00	26.70 -0.74 0.00
MOHAWK_PAPER___DRP 24187	31.37 1.65 0.29	27.07 1.39 0.02	25.03 1.36 0.20	24.67 1.34 0.22	24.03 1.28 -0.28	23.68 1.26 -0.24	22.12 1.17 0.00	22.89 1.17 0.00	24.33 1.25 0.00	28.56 1.48 -1.59	28.60 1.56 -0.51	33.98 1.68 -3.89	33.86 1.84 -0.75	35.01 1.85 -1.75	34.63 1.91 -0.83	40.41 2.05 -3.53	46.95 2.23 -5.54	60.40 2.54 -13.26	49.74 2.43 -4.00	38.87 1.99 0.00	37.44 1.92 0.00	38.90 1.80 -4.97	31.15 1.62 0.00	28.92 1.48 0.00
MOHICAN__35_KV_115KV_LD 80490	31.88 2.16 0.29	27.48 1.80 0.02	25.33 1.67 0.20	24.99 1.67 0.22	24.38 1.62 -0.30	24.00 1.57 -0.25	22.43 1.49 0.00	23.19 1.48 0.00	24.77 1.68 0.00	29.61 2.06 -2.06	29.44 2.25 -0.67	35.84 2.39 -5.04	34.89 2.66 -0.97	36.22 2.54 -2.26	35.58 2.62 -1.07	42.18 2.79 -4.58	49.43 3.09 -7.16	65.34 3.61 -17.13	51.91 3.42 -5.17	39.83 2.95 0.00	38.40 2.88 0.00	40.96 2.60 -6.23	31.77 2.24 0.00	29.33 1.89 0.00
MONGAUP___HYD 23641	31.94 2.19 0.25	27.46 1.77 0.02	25.38 1.69 0.18	24.97 1.62 0.20	24.14 1.48 -0.18	23.78 1.44 -0.17	22.29 1.34 0.00	23.04 1.32 0.00	24.42 1.34 0.00	27.31 1.45 -0.37	28.12 1.48 -0.12	30.82 1.50 -0.90	32.85 1.41 -0.17	33.29 1.48 -0.40	33.52 1.44 -0.19	37.20 1.57 -0.82	41.98 1.49 -1.32	49.59 1.83 -3.16	46.00 1.73 -0.95	37.91 1.03 0.00	36.87 1.35 0.00	35.34 1.48 -1.73	31.20 1.68 0.00	29.08 1.65 0.00
MONTAUK___DIESEL 23721	38.24 5.55 -2.68	36.84 4.70 -6.43	34.71 4.27 -6.58	32.44 4.07 -4.82	32.04 3.84 -5.73	32.07 3.84 -6.05	30.85 3.62 -6.28	32.32 3.95 -6.66	35.88 4.36 -8.44	37.31 5.00 -6.82	39.43 5.22 -7.69	40.16 5.54 -6.20	43.27 6.03 -5.97	46.29 6.16 -8.71	47.50 6.16 -9.45	53.35 6.86 -11.66	54.35 7.64 -7.53	60.58 8.65 -7.33	66.87 8.23 -15.33	55.26 6.60 -11.78	53.44 6.15 -11.77	52.35 5.66 -14.57	44.58 5.34 -9.71	39.27 5.05 -6.78
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.93 0.30 0.38	26.19 0.51 0.03	23.53 -0.07 0.26	23.11 -0.14 0.29	22.48 -0.02 -0.04	22.19 -0.02 -0.04	21.24 0.29 0.00	21.93 0.22 0.00	23.27 0.18 0.00	25.60 0.51 0.40	26.89 0.50 0.13	28.11 0.68 0.99	31.76 0.69 0.19	31.29 0.31 0.44	32.04 0.35 0.21	33.93 0.00 0.89	37.77 -0.12 1.29	41.52 0.00 3.08	41.90 -0.48 0.93	37.36 0.48 0.00	35.95 0.43 0.00	32.71 0.26 -0.32	30.02 0.50 0.00	27.79 0.36 0.00
MORTIMER_115KV_TB3 55949	29.78 0.18 0.40	25.83 0.15 0.03	23.65 0.07 0.28	23.28 0.05 0.31	22.27 -0.22 -0.03	21.94 -0.27 -0.03	20.88 -0.06 0.00	21.52 -0.20 0.00	22.85 -0.23 0.00	24.88 -0.15 0.46	26.26 -0.11 0.15	27.23 -0.06 1.12	31.08 0.03 0.22	30.85 -0.06 0.50	31.66 0.00 0.24	33.66 -0.14 1.02	37.58 -0.12 1.48	40.93 -0.13 3.53	41.85 -0.39 1.07	37.06 0.18 0.00	35.59 0.07 0.00	32.25 -0.10 -0.21	29.70 0.18 0.00	27.52 0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.64 1.70 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.29 2.35 -0.45	29.08 2.41 -0.15	31.99 2.47 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.87 2.74 -0.23	38.89 3.06 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.31 2.43 0.00	37.87 2.34 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.77 2.33 0.00
MUNSVILLE_WIND_PWR 323609	32.39 2.67 0.29	28.25 2.57 0.02	25.74 2.08 0.20	25.30 1.98 0.22	24.35 1.82 -0.06	24.05 1.82 -0.06	22.49 1.55 0.00	23.30 1.58 0.00	24.72 1.64 0.00	27.08 1.78 0.19	28.37 1.91 0.06	30.05 2.10 0.47	33.55 2.37 0.09	33.53 2.32 0.21	34.12 2.33 0.10	36.94 2.54 0.43	41.47 2.86 0.57	47.03 3.79 1.36	47.15 4.25 0.41	41.30 4.42 0.00	39.43 3.91 0.00	35.73 2.83 -0.77	32.09 2.57 0.00	29.66 2.22 0.00
N SALMON___HYD 24042	29.52 -0.36 0.13	25.39 -0.31 0.01	23.37 -0.41 0.09	23.07 -0.38 0.10	22.11 -0.36 0.00	21.85 -0.33 -0.01	20.69 -0.25 0.00	21.45 -0.26 0.00	22.90 -0.19 0.00	25.00 -0.33 0.16	26.10 -0.37 0.05	27.72 -0.31 0.38	30.85 -0.34 0.07	30.80 -0.44 0.17	31.37 -0.45 0.08	34.13 -0.35 0.35	38.30 -0.19 0.68	42.84 -0.13 1.63	42.99 0.17 0.49	36.99 0.11 0.00	35.45 -0.07 0.00	31.84 -0.29 0.00	28.99 -0.53 0.00	26.75 -0.68 0.00
N.AKRON__115KV_KNAPP 355671	29.61 0.00 0.39	25.85 0.18 0.03	23.52 -0.07 0.28	23.12 -0.12 0.30	22.16 -0.34 -0.03	21.83 -0.38 -0.03	20.88 -0.06 0.00	21.39 -0.33 0.00	22.69 -0.39 0.00	24.73 -0.33 0.43	26.03 -0.34 0.14	27.10 -0.26 1.06	30.87 -0.19 0.20	30.53 -0.41 0.48	31.38 -0.29 0.23	33.30 -0.56 0.96	37.19 -0.59 1.39	40.60 -0.67 3.33	41.35 -0.95 1.01	36.88 0.00 0.00	35.41 -0.11 0.00	32.14 -0.26 -0.26	29.70 0.18 0.00	27.57 0.14 0.00
N.BELMOR_69_KV_BK1 55787	35.84 3.15 -2.68	34.79 2.65 -6.43	32.97 2.53 -6.58	30.79 2.43 -4.82	30.49 2.29 -5.73	30.49 2.26 -6.05	29.37 2.14 -6.28	30.74 2.37 -6.66	34.01 2.49 -8.44	35.17 2.85 -6.82	37.07 2.86 -7.69	37.54 2.98 -6.15	39.04 3.28 -4.50	41.64 3.39 -6.84	41.55 3.38 -6.27	44.98 3.76 -6.40	49.23 4.15 -5.90	53.26 4.68 -3.98	52.26 4.42 -4.53	44.92 3.32 -4.73	41.93 3.16 -3.25	39.11 3.12 -3.86	37.93 3.01 -5.40	36.95 2.88 -6.63
N.E._GEN_SANDY PD 24062	31.47 1.74 0.27	28.00 1.46 -0.83	26.71 1.46 -1.39	25.30 1.44 -0.32	24.37 1.37 -0.53	24.60 1.35 -1.07	22.22 1.28 0.00	23.06 1.35 0.00	24.67 1.41 -0.18	27.89 1.61 -0.79	28.39 1.62 -0.26	32.08 1.73 -1.93	33.51 1.88 -0.37	37.00 1.92 -3.67	34.25 1.95 -0.41	38.70 2.12 -1.75	44.23 2.27 -2.78	53.74 2.50 -6.65	47.70 2.38 -2.01	40.27 1.73 -1.66	39.70 1.74 -2.44	36.71 1.73 -2.84	31.09 1.56 0.00	29.00 1.56 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.88 2.13 0.26	27.48 1.80 0.02	25.43 1.74 0.18	24.99 1.65 0.20	24.24 1.57 -0.20	23.88 1.53 -0.18	22.39 1.45 0.00	23.34 1.63 0.00	24.79 1.71 0.00	27.84 1.94 -0.42	28.64 1.99 -0.13	31.48 2.05 -1.02	33.68 2.22 -0.20	34.16 2.29 -0.46	34.37 2.26 -0.22	38.29 2.54 -0.93	43.45 2.78 -1.49	51.33 3.17 -3.57	47.29 2.90 -1.08	38.94 2.07 0.00	37.47 1.95 0.00	36.05 2.06 -1.86	31.44 1.92 0.00	29.33 1.89 0.00
N.QUEENS_27_KV_LOAD 356247	32.57 2.82 0.25	28.00 2.31 0.01	25.93 2.24 0.18	25.47 2.12 0.19	24.68 2.00 -0.21	24.34 1.97 -0.19	22.82 1.86 -0.01	23.89 2.17 -0.01	25.32 2.24 0.00	28.54 2.60 -0.45	29.32 2.65 -0.15	32.27 2.76 -1.10	34.58 3.10 -0.22	35.06 3.14 -0.50	35.23 3.09 -0.24	39.31 3.48 -1.01	44.44 3.64 -1.62	52.38 3.92 -3.85	48.25 3.77 -1.17	39.38 2.51 0.00	38.04 2.52 0.00	36.85 2.76 -1.96	32.22 2.69 -0.01	30.05 2.61 -0.01
N.TROY___115KV_TB1 355778	31.37 1.65 0.29	27.07 1.39 0.02	25.02 1.36 0.20	24.69 1.37 0.22	24.04 1.28 -0.29	23.68 1.26 -0.24	22.14 1.19 0.00	22.91 1.19 0.00	24.37 1.29 0.00	28.79 1.50 -1.80	28.66 1.56 -0.58	34.49 1.68 -4.40	33.99 1.88 -0.85	35.24 1.85 -1.97	34.71 1.88 -0.93	40.84 2.02 -4.00	47.67 2.23 -6.26	62.08 2.50 -14.98	50.17 2.34 -4.52	38.83 1.95 0.00	37.37 1.85 0.00	39.43 1.77 -5.53	31.12 1.59 0.00	28.92 1.48 0.00
NARROWS_GT1_1 24228	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT1_2 24229	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT1_3 24230	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT1_4 24231	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT1_5 24232	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT1_6 24233	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT1_7 24234	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT1_8 24235	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT2_1 24236	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT2_2 24237	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT2_3 24238	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT2_4 24239	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00

NARROWS_GT2_5 24240	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT2_6 24241	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT2_7 24242	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NARROWS_GT2_8 24243	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.43 3.64 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.86 2.13 0.28	27.43 1.75 0.02	25.29 1.62 0.19	24.96 1.62 0.21	24.16 1.44 -0.25	23.86 1.46 -0.22	22.31 1.36 0.00	22.84 1.13 0.00	24.26 1.18 0.00	27.76 1.27 -1.00	28.19 1.35 -0.32	32.31 1.45 -2.44	33.27 1.53 -0.47	34.02 1.51 -1.10	33.94 1.53 -0.52	38.75 1.71 -2.22	44.60 1.92 -3.50	55.29 2.32 -8.37	48.09 2.25 -2.53	38.87 1.99 0.00	37.47 1.95 0.00	37.33 1.80 -3.39	31.29 1.77 0.00	28.97 1.54 0.00
NCHELSEA_115KV_TR2 355582	32.21 2.46 0.26	27.74 2.06 0.02	25.64 1.96 0.18	25.23 1.88 0.20	24.41 1.73 -0.21	24.07 1.71 -0.19	22.54 1.59 0.00	23.39 1.67 0.00	24.79 1.71 0.00	27.89 1.94 -0.46	28.66 1.99 -0.15	31.58 2.05 -1.12	33.67 2.19 -0.22	34.18 2.26 -0.50	34.36 2.23 -0.24	38.35 2.51 -1.02	43.59 2.78 -1.64	51.68 3.17 -3.92	47.48 2.99 -1.18	39.13 2.25 0.00	37.65 2.13 0.00	36.29 2.18 -1.97	31.62 2.10 0.00	29.44 2.00 0.00
NEG CAPITAL___MECHNVIL 23645	31.91 2.19 0.29	27.51 1.83 0.02	25.38 1.72 0.20	25.04 1.72 0.22	24.40 1.64 -0.29	24.02 1.60 -0.24	22.45 1.51 0.00	23.23 1.52 0.00	24.74 1.66 0.00	29.46 1.99 -1.98	29.28 2.12 -0.64	35.54 2.27 -4.86	34.73 2.53 -0.93	36.07 2.48 -2.18	35.48 2.55 -1.03	41.95 2.72 -4.41	49.09 3.02 -6.90	64.54 3.43 -16.50	51.59 3.29 -4.98	39.61 2.73 0.00	38.19 2.67 0.00	40.63 2.47 -6.02	31.68 2.15 0.00	29.39 1.95 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.51 -0.15 0.35	25.60 -0.08 0.03	23.43 -0.19 0.24	23.04 -0.24 0.27	22.07 -0.43 -0.02	21.74 -0.47 -0.03	20.63 -0.31 0.00	21.32 -0.39 0.00	22.69 -0.39 0.00	24.68 -0.36 0.46	26.05 -0.32 0.15	27.01 -0.28 1.12	30.83 -0.22 0.22	30.63 -0.28 0.50	31.43 -0.22 0.24	33.39 -0.42 1.02	37.30 -0.39 1.48	40.66 -0.40 3.54	41.68 -0.56 1.07	37.25 0.37 0.00	35.31 -0.21 0.00	31.95 -0.38 -0.21	29.43 -0.09 0.00	27.22 -0.22 0.00
NEG CENTRAL___DRP 24199	30.19 0.45 0.27	26.12 0.44 0.02	23.91 0.24 0.19	23.55 0.21 0.21	22.65 0.16 -0.03	22.34 0.13 -0.03	21.11 0.17 0.00	21.87 0.15 0.00	23.27 0.18 0.00	25.28 0.23 0.44	26.64 0.27 0.14	27.64 0.31 1.08	31.46 0.41 0.21	31.31 0.38 0.49	32.11 0.45 0.23	34.22 0.38 0.98	38.14 0.39 1.43	41.81 0.62 3.41	42.93 0.65 1.03	37.72 0.85 0.00	36.13 0.60 0.00	32.81 0.45 -0.23	29.99 0.47 0.00	27.85 0.41 0.00
NEG CENTRAL___INDECK 23768	30.90 1.26 0.37	26.98 1.31 0.03	24.49 0.88 0.26	24.08 0.82 0.28	23.11 0.61 -0.03	22.77 0.55 -0.04	21.51 0.57 0.00	21.89 0.17 0.00	23.01 -0.07 0.00	24.91 -0.18 0.40	26.10 -0.29 0.13	27.19 -0.23 0.99	30.89 -0.19 0.19	30.72 -0.25 0.44	31.62 -0.06 0.21	33.71 -0.21 0.90	37.84 -0.04 1.30	41.99 0.49 3.10	43.20 0.82 0.94	39.27 2.40 0.00	37.30 1.78 0.00	33.80 1.35 -0.32	31.09 1.56 0.00	28.67 1.24 0.00
NEG CENTRAL___SENECA 23627	30.31 0.63 0.33	26.27 0.59 0.03	23.99 0.36 0.23	23.60 0.31 0.25	22.72 0.22 -0.03	22.41 0.20 -0.03	21.22 0.27 0.00	21.97 0.26 0.00	23.36 0.28 0.00	25.39 0.33 0.43	26.75 0.37 0.14	27.81 0.45 1.06	31.62 0.56 0.20	31.44 0.50 0.47	32.28 0.61 0.22	34.35 0.49 0.96	38.30 0.51 1.39	42.04 0.76 3.31	43.05 0.74 1.00	37.91 1.03 0.00	36.30 0.78 0.00	33.04 0.64 -0.26	30.20 0.68 0.00	28.01 0.58 0.00
NEG CENTRAL___STATE_STREET 24147	30.33 0.54 0.22	26.15 0.46 0.02	24.04 0.33 0.15	23.66 0.28 0.17	22.74 0.25 -0.03	22.43 0.22 -0.03	21.15 0.21 0.00	21.97 0.26 0.00	23.38 0.30 0.00	25.43 0.38 0.44	26.85 0.48 0.14	27.84 0.51 1.08	31.65 0.59 0.21	31.53 0.60 0.49	32.37 0.70 0.23	34.47 0.63 0.98	38.49 0.74 1.42	42.18 0.98 3.41	43.28 1.00 1.03	37.98 1.11 0.00	36.37 0.85 0.00	32.97 0.61 -0.23	30.05 0.53 0.00	27.90 0.47 0.00
NEG MILLWOOD___DRP 24198	32.38 2.64 0.26	27.89 2.21 0.02	25.78 2.10 0.18	25.34 2.00 0.20	24.57 1.89 -0.21	24.21 1.84 -0.19	22.66 1.72 0.00	23.65 1.93 0.00	25.11 2.03 0.00	28.35 2.40 -0.46	29.16 2.49 -0.15	32.11 2.56 -1.14	34.30 2.81 -0.22	34.78 2.86 -0.51	35.04 2.90 -0.24	38.95 3.10 -1.03	44.24 3.41 -1.66	52.54 3.97 -3.97	48.23 3.72 -1.20	39.94 3.06 0.00	38.40 2.88 0.00	36.95 2.83 -1.99	31.94 2.42 0.00	29.77 2.33 0.00
NEG NORTH_FLCN_SEA 23793	30.04 0.15 0.12	25.80 0.10 0.01	23.78 0.00 0.09	23.45 0.00 0.09	22.47 0.00 0.00	22.20 0.02 0.00	21.03 0.08 0.00	21.82 0.11 0.00	23.22 0.14 0.00	25.38 0.03 0.13	26.48 0.00 0.04	28.15 0.06 0.32	31.30 0.09 0.06	31.24 -0.03 0.14	31.79 -0.03 0.07	34.70 0.17 0.29	38.96 0.39 0.61	43.63 0.49 1.46	43.65 0.78 0.44	37.47 0.59 0.00	35.91 0.39 0.00	32.26 0.13 0.00	29.37 -0.15 0.00	27.14 -0.30 0.00
NEG NORTH_KES_CHATEGAY 23792	29.70 -0.18 0.13	25.49 -0.21 0.01	23.51 -0.26 0.09	23.19 -0.26 0.10	22.23 -0.25 0.00	21.98 -0.20 0.00	20.80 -0.15 0.00	21.56 -0.15 0.00	22.94 -0.14 0.00	25.10 -0.25 0.14	26.18 -0.29 0.04	27.82 -0.26 0.34	30.92 -0.28 0.06	30.86 -0.41 0.15	31.44 -0.38 0.07	34.27 -0.24 0.31	38.47 -0.08 0.63	43.05 -0.04 1.50	43.07 0.22 0.45	37.02 0.15 0.00	35.49 -0.04 0.00	31.91 -0.22 0.00	29.05 -0.47 0.00	26.83 -0.60 0.00



NEG NORTH___ALICE_FALLS 23915	29.94 0.06 0.12	25.72 0.03 0.01	23.71 -0.07 0.09	23.38 -0.07 0.09	22.41 -0.07 0.00	22.14 -0.04 0.00	20.96 0.02 0.00	21.76 0.04 0.00	23.17 0.09 0.00	25.33 -0.03 0.13	26.40 -0.08 0.04	28.09 0.00 0.32	31.20 0.00 0.06	31.18 -0.09 0.14	31.73 -0.10 0.07	34.63 0.10 0.29	38.87 0.31 0.61	43.58 0.45 1.47	43.60 0.74 0.44	37.50 0.63 0.00	35.91 0.39 0.00	32.23 0.10 0.00	29.32 -0.21 0.00	27.08 -0.36 0.00
NEG NORTH___LWR_SARANAC 23913	29.94 0.06 0.12	25.72 0.03 0.01	23.71 -0.07 0.09	23.38 -0.07 0.09	22.41 -0.07 0.00	22.14 -0.04 0.00	20.96 0.02 0.00	21.76 0.04 0.00	23.17 0.09 0.00	25.33 -0.03 0.13	26.40 -0.08 0.04	28.09 0.00 0.32	31.20 0.00 0.06	31.18 -0.09 0.14	31.73 -0.10 0.07	34.63 0.10 0.29	38.87 0.31 0.61	43.58 0.45 1.47	43.60 0.74 0.44	37.50 0.63 0.00	35.91 0.39 0.00	32.23 0.10 0.00	29.32 -0.21 0.00	27.08 -0.36 0.00
NEG NORTH___PLATTSBURG 23628	29.94 0.06 0.12	25.72 0.03 0.01	23.71 -0.07 0.09	23.38 -0.07 0.09	22.41 -0.07 0.00	22.14 -0.04 0.00	20.96 0.02 0.00	21.76 0.04 0.00	23.17 0.09 0.00	25.33 -0.03 0.13	26.40 -0.08 0.04	28.09 0.00 0.32	31.20 0.00 0.06	31.18 -0.09 0.14	31.73 -0.10 0.07	34.63 0.10 0.29	38.87 0.31 0.61	43.58 0.45 1.47	43.60 0.74 0.44	37.46 0.59 0.00	35.91 0.39 0.00	32.23 0.10 0.00	29.32 -0.21 0.00	27.08 -0.36 0.00
NEG WEST_LEA_LOCKPORT 23791	28.99 -0.63 0.39	25.34 -0.33 0.03	23.09 -0.50 0.27	22.68 -0.57 0.30	21.74 -0.76 -0.03	21.44 -0.78 -0.04	20.50 -0.44 0.00	21.00 -0.72 0.00	22.30 -0.78 0.00	24.30 -0.76 0.43	25.56 -0.82 0.14	26.63 -0.74 1.05	30.31 -0.75 0.20	29.94 -1.01 0.47	30.75 -0.92 0.22	32.62 -1.25 0.95	36.31 -1.49 1.38	39.61 -1.69 3.29	40.28 -2.04 0.99	35.99 -0.89 0.00	34.60 -0.92 0.00	31.41 -1.00 -0.27	29.08 -0.44 0.00	27.03 -0.41 0.00
NEG WEST___LANCASTR 23811	28.31 -1.32 0.38	25.55 -0.13 0.03	22.50 -1.10 0.26	22.05 -1.20 0.29	21.79 -0.72 -0.04	21.55 -0.67 -0.04	20.57 -0.38 0.00	21.21 -0.50 0.00	22.62 -0.46 0.00	24.71 -0.38 0.40	25.96 -0.42 0.13	27.15 -0.28 0.98	30.76 -0.31 0.19	30.47 -0.50 0.44	31.27 -0.41 0.21	33.23 -0.70 0.89	37.07 -0.82 1.28	40.69 -0.85 3.07	41.09 -1.30 0.93	36.54 -0.33 0.00	35.06 -0.46 0.00	31.95 -0.51 -0.33	29.34 -0.18 0.00	27.27 -0.16 0.00
NEG_PENN_ALLEGHNY 23528	30.25 0.54 0.30	26.32 0.64 0.02	24.06 0.41 0.21	23.67 0.35 0.23	22.87 0.34 -0.06	22.55 0.31 -0.06	21.28 0.33 0.00	22.08 0.37 0.00	23.50 0.42 0.00	25.76 0.51 0.24	26.97 0.53 0.08	28.42 0.60 0.59	31.81 0.66 0.11	31.78 0.63 0.26	32.47 0.70 0.12	34.99 0.70 0.53	39.23 0.78 0.73	43.78 0.94 1.75	43.65 0.87 0.53	38.02 1.14 0.00	36.34 0.82 0.00	33.39 0.61 -0.65	30.17 0.65 0.00	28.01 0.58 0.00
NEG___GEN_MONROE 24207	29.64 0.03 0.40	25.77 0.10 0.03	23.70 0.12 0.28	23.31 0.07 0.31	22.32 -0.18 -0.03	21.99 -0.22 -0.03	20.94 0.00 0.00	21.47 -0.24 0.00	22.78 -0.30 0.00	24.83 -0.20 0.46	26.21 -0.16 0.15	27.18 -0.11 1.12	30.92 -0.13 0.21	30.69 -0.22 0.50	31.53 -0.13 0.24	33.63 -0.17 1.01	37.55 -0.16 1.47	40.77 -0.31 3.52	41.73 -0.52 1.06	36.95 0.07 0.00	35.52 0.00 0.00	32.22 -0.13 -0.22	29.67 0.15 0.00	27.49 0.05 0.00
NEPA___ENERGY 23901	29.24 -0.39 0.38	25.80 0.13 0.03	23.24 -0.36 0.26	22.78 -0.47 0.29	22.06 -0.45 -0.04	21.77 -0.44 -0.04	20.78 -0.17 0.00	21.47 -0.24 0.00	22.90 -0.18 0.00	25.07 -0.03 0.40	26.31 -0.08 0.13	27.49 0.06 0.98	31.14 0.06 0.19	30.82 -0.16 0.44	31.62 -0.06 0.21	33.62 -0.31 0.89	37.47 -0.43 1.28	41.14 -0.40 3.05	41.52 -0.87 0.92	36.91 0.04 0.00	35.41 -0.11 0.00	32.27 -0.19 -0.33	29.64 0.12 0.00	27.52 0.08 0.00
NEVERSINK___HYD 23608	31.98 2.22 0.25	27.51 1.83 0.02	25.41 1.72 0.18	24.97 1.62 0.19	24.13 1.48 -0.18	23.78 1.44 -0.16	22.29 1.34 0.00	23.08 1.37 0.00	24.47 1.38 0.00	27.41 1.53 -0.39	28.21 1.56 -0.12	30.95 1.59 -0.94	33.13 1.69 -0.18	33.63 1.79 -0.42	33.85 1.75 -0.20	37.66 1.98 -0.86	42.75 2.19 -1.39	50.50 2.59 -3.32	46.82 2.51 -1.00	38.57 1.70 0.00	37.26 1.74 0.00	35.71 1.80 -1.78	31.23 1.71 0.00	29.11 1.67 0.00
NEWKRMKL_115KV_TB1 55635	30.92 1.20 0.28	26.68 1.00 0.02	24.67 1.00 0.20	24.34 1.01 0.22	23.71 0.97 -0.28	23.35 0.93 -0.24	21.82 0.88 0.00	22.58 0.87 0.00	24.00 0.92 0.00	28.06 1.12 -1.45	28.15 1.17 -0.47	33.20 1.25 -3.54	33.32 1.38 -0.68	34.38 1.38 -1.59	34.05 1.40 -0.75	39.53 1.50 -3.21	45.83 1.61 -5.05	58.50 1.83 -12.07	48.60 1.65 -3.64	38.20 1.33 0.00	36.76 1.24 0.00	37.97 1.25 -4.59	30.64 1.12 0.00	28.48 1.04 0.00
NEWTON___FALLS_HYD 23847	29.04 -0.78 0.19	25.07 -0.62 0.02	22.94 -0.79 0.13	22.60 -0.80 0.15	21.67 -0.81 -0.01	21.41 -0.78 -0.01	20.13 -0.82 0.00	20.80 -0.91 0.00	22.16 -0.92 0.00	24.08 -1.10 0.32	25.33 -1.09 0.10	26.55 -1.08 0.78	30.02 -1.09 0.15	29.97 -1.10 0.35	30.58 -1.15 0.17	33.00 -1.11 0.71	36.83 -1.21 1.13	40.64 -1.25 2.71	41.71 -0.78 0.82	36.32 -0.55 0.00	34.85 -0.67 0.00	31.26 -0.87 0.00	28.64 -0.89 0.00	26.48 -0.96 0.00
NGRID_A1_DSASP 323792	28.59 -1.02 0.39	25.16 -0.51 0.03	22.85 -0.74 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.08 -0.86 0.00	20.54 -1.17 0.00	21.83 -1.25 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.33 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.82 -2.05 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.29 -3.03 0.99	35.92 -0.96 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.64 -0.88 0.00	26.45 -0.99 0.00
NGRID_A2_DSASP 323793	28.59 -1.02 0.39	25.16 -0.51 0.03	22.85 -0.74 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.08 -0.86 0.00	20.54 -1.17 0.00	21.83 -1.25 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.33 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.82 -2.05 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.29 -3.03 0.99	35.92 -0.96 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.64 -0.88 0.00	26.45 -0.99 0.00
NGRID_A4_DSASP 323807	28.60 -1.02 0.39	24.95 -0.72 0.03	22.83 -0.76 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.09 -0.86 0.00	20.54 -1.17 0.00	21.81 -1.27 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.34 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.86 -2.02 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.25 -3.08 0.99	35.11 -1.77 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.43 -1.09 0.00	26.45 -0.99 0.00
NIAGARA_115E_LBMP 323715	28.45 -1.17 0.39	25.03 -0.64 0.03	22.71 -0.88 0.27	22.28 -0.97 0.30	21.36 -1.15 -0.03	21.06 -1.15 -0.04	20.19 -0.75 0.00	20.61 -1.11 0.00	21.90 -1.18 0.00	23.84 -1.22 0.42	25.06 -1.33 0.14	26.12 -1.25 1.04	29.72 -1.34 0.20	29.31 -1.63 0.47	30.14 -1.53 0.22	31.93 -1.95 0.94	35.58 -2.23 1.37	38.70 -2.63 3.27	39.46 -2.86 0.99	36.06 -0.81 0.00	33.89 -1.63 0.00	30.77 -1.64 -0.28	28.73 -0.80 0.00	26.53 -0.90 0.00

NIAGARA_115W_LBMP 323714	28.51 -1.11 0.39	25.08 -0.59 0.03	22.80 -0.79 0.27	22.37 -0.87 0.30	21.42 -1.08 -0.03	21.13 -1.09 -0.04	20.02 -0.92 0.00	20.50 -1.22 0.00	21.79 -1.29 0.00	23.71 -1.35 0.43	24.92 -1.46 0.14	25.98 -1.39 1.04	29.53 -1.53 0.20	29.16 -1.79 0.47	29.95 -1.72 0.22	31.72 -2.16 0.95	35.34 -2.47 1.37	38.47 -2.86 3.27	39.16 -3.16 0.99	35.81 -1.07 0.00	33.64 -1.88 0.00	30.58 -1.83 -0.28	28.55 -0.97 0.00	26.37 -1.07 0.00
NIAGARA_230_LBMP 323716	28.71 -0.90 0.39	25.24 -0.44 0.03	22.92 -0.67 0.28	22.49 -0.75 0.30	21.54 -0.97 -0.03	21.26 -0.95 -0.04	20.29 -0.65 0.00	20.78 -0.93 0.00	22.09 -0.99 0.00	24.04 -1.02 0.43	25.29 -1.09 0.14	26.34 -1.02 1.05	29.97 -1.10 0.20	29.59 -1.35 0.47	30.39 -1.28 0.22	32.20 -1.67 0.95	35.88 -1.92 1.38	39.08 -2.23 3.29	39.80 -2.51 0.99	36.32 -0.55 0.00	34.14 -1.39 0.00	31.02 -1.38 -0.27	28.93 -0.59 0.00	26.72 -0.71 0.00
NIAGARA__115KV_198_GIBSON 55903	28.50 -1.11 0.39	24.90 -0.77 0.03	22.78 -0.81 0.27	22.37 -0.87 0.30	21.42 -1.08 -0.03	21.13 -1.09 -0.04	20.02 -0.92 0.00	20.50 -1.22 0.00	21.77 -1.32 0.00	23.71 -1.35 0.43	24.92 -1.46 0.14	25.98 -1.39 1.04	29.53 -1.53 0.20	29.16 -1.79 0.47	29.95 -1.72 0.22	31.79 -2.09 0.95	35.34 -2.47 1.37	38.47 -2.85 3.27	39.16 -3.16 0.99	35.00 -1.88 0.00	33.64 -1.88 0.00	30.58 -1.83 -0.28	28.34 -1.18 0.00	26.37 -1.07 0.00
NIAGARA____ 23760	28.48 -1.14 0.39	25.06 -0.62 0.03	22.75 -0.84 0.27	22.30 -0.94 0.30	21.38 -1.12 -0.03	21.08 -1.13 -0.04	20.11 -0.84 0.00	20.58 -1.13 0.00	21.90 -1.18 0.00	23.84 -1.22 0.43	25.08 -1.30 0.14	26.15 -1.22 1.04	29.75 -1.31 0.20	29.35 -1.60 0.47	30.17 -1.50 0.22	31.96 -1.92 0.95	35.65 -2.15 1.37	38.78 -2.54 3.28	39.51 -2.81 0.99	36.10 -0.78 0.00	33.89 -1.63 0.00	30.80 -1.61 -0.28	28.73 -0.80 0.00	26.45 -0.99 0.00
NINE_MILE_1 23575	27.89 -0.72 1.40	25.00 -0.59 0.12	22.29 -0.60 0.98	21.86 -0.61 1.07	21.90 -0.58 -0.01	21.62 -0.58 -0.02	20.42 -0.52 0.00	21.17 -0.54 0.00	22.48 -0.60 0.00	24.34 -0.66 0.49	25.70 -0.66 0.16	26.51 -0.71 1.20	30.28 -0.75 0.23	30.09 -0.78 0.54	30.87 -0.77 0.25	32.87 -0.87 1.09	36.57 -1.02 1.59	39.69 -1.11 3.79	41.04 -1.13 1.15	36.17 -0.70 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.75 -0.77 0.00	26.70 -0.74 0.00
NINE_MILE_2 23744	27.88 -0.72 1.41	25.00 -0.59 0.12	22.28 -0.60 0.99	21.85 -0.61 1.08	21.90 -0.58 -0.01	21.62 -0.58 -0.02	20.42 -0.52 0.00	21.17 -0.54 0.00	22.48 -0.60 0.00	24.34 -0.66 0.49	25.70 -0.66 0.16	26.51 -0.71 1.19	30.28 -0.75 0.23	30.10 -0.78 0.54	30.87 -0.77 0.25	32.87 -0.87 1.08	36.57 -1.02 1.58	39.70 -1.11 3.79	41.04 -1.13 1.15	36.17 -0.70 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.75 -0.77 0.00	26.70 -0.74 0.00
NM_CAPITAL____DRP 24208	30.98 1.26 0.28	26.74 1.05 0.02	24.74 1.07 0.20	24.41 1.08 0.22	23.78 1.03 -0.28	23.41 1.00 -0.24	21.89 0.94 0.00	22.65 0.93 0.00	24.05 0.97 0.00	28.09 1.17 -1.43	28.20 1.22 -0.46	33.22 1.31 -3.50	33.37 1.44 -0.67	34.43 1.45 -1.57	34.10 1.47 -0.74	39.56 1.57 -3.17	45.84 1.68 -4.98	58.39 1.87 -11.92	48.64 1.73 -3.60	38.28 1.40 0.00	36.84 1.31 0.00	37.96 1.29 -4.54	30.70 1.18 0.00	28.56 1.12 0.00
NM_CENTRAL____DRP 24181	29.71 0.00 0.30	25.68 0.00 0.02	23.58 -0.07 0.21	23.25 -0.07 0.23	22.40 -0.09 -0.02	22.09 -0.11 -0.03	20.86 -0.08 0.00	21.63 -0.09 0.00	22.99 -0.09 0.00	24.92 -0.08 0.49	26.33 -0.03 0.16	27.15 -0.06 1.21	30.97 -0.06 0.23	30.78 -0.09 0.54	31.57 -0.06 0.26	33.62 -0.10 1.10	37.46 -0.12 1.60	40.70 -0.09 3.81	42.03 -0.13 1.15	36.95 0.07 0.00	35.45 -0.07 0.00	31.94 -0.19 0.00	29.37 -0.15 0.00	27.27 -0.16 0.00
NM_FRONTIER____DRP 24179	28.50 -1.11 0.39	24.90 -0.77 0.03	22.78 -0.81 0.27	22.37 -0.87 0.30	21.42 -1.08 -0.03	21.13 -1.09 -0.04	20.02 -0.92 0.00	20.50 -1.22 0.00	21.77 -1.32 0.00	23.71 -1.35 0.43	24.92 -1.46 0.14	25.98 -1.39 1.04	29.53 -1.53 0.20	29.16 -1.79 0.47	29.95 -1.72 0.22	31.79 -2.09 0.95	35.34 -2.47 1.37	38.47 -2.85 3.27	39.16 -3.16 0.99	35.00 -1.88 0.00	33.64 -1.88 0.00	30.58 -1.83 -0.28	28.34 -1.18 0.00	26.37 -1.07 0.00
NM_ST_REGIS____HYD 24053	28.87 -0.99 0.15	24.87 -0.82 0.01	22.90 -0.86 0.10	22.58 -0.85 0.11	21.67 -0.81 0.00	21.41 -0.78 -0.01	20.19 -0.75 0.00	20.91 -0.80 0.00	22.30 -0.78 0.00	24.32 -0.97 0.20	25.45 -1.01 0.06	26.93 -0.99 0.49	30.08 -1.09 0.09	30.06 -1.13 0.22	30.64 -1.15 0.10	33.23 -1.15 0.44	37.20 -1.18 0.80	41.44 -1.25 1.92	41.82 -0.91 0.58	36.14 -0.74 0.00	34.67 -0.85 0.00	31.17 -0.96 0.00	28.43 -1.09 0.00	26.28 -1.15 0.00
NORTHPORT____1 23551	35.69 3.00 -2.68	34.71 2.57 -6.43	32.95 2.51 -6.58	30.77 2.40 -4.82	30.47 2.27 -5.73	30.45 2.22 -6.05	29.37 2.14 -6.28	30.76 2.39 -6.66	34.03 2.52 -8.44	35.09 2.78 -6.82	36.78 2.57 -7.69	37.09 2.53 -6.15	38.37 2.72 -4.39	41.00 2.89 -6.70	40.77 2.84 -6.03	42.93 3.24 -4.87	48.52 3.56 -5.78	51.75 3.66 -3.50	50.32 3.42 -3.58	43.43 2.36 -4.19	40.33 2.31 -2.50	37.43 2.38 -2.92	37.19 2.60 -5.07	36.56 2.50 -6.63
NORTHPORT____2 23552	35.69 3.00 -2.68	34.71 2.57 -6.43	32.95 2.51 -6.58	30.77 2.40 -4.82	30.47 2.27 -5.73	30.45 2.22 -6.05	29.37 2.14 -6.28	30.76 2.39 -6.66	34.03 2.52 -8.44	35.09 2.78 -6.82	36.78 2.57 -7.69	37.09 2.53 -6.15	38.37 2.72 -4.39	41.00 2.89 -6.70	40.77 2.84 -6.03	42.93 3.24 -4.87	48.52 3.56 -5.78	51.75 3.66 -3.50	50.32 3.42 -3.58	43.43 2.36 -4.19	40.33 2.31 -2.50	37.43 2.38 -2.92	37.19 2.60 -5.07	36.56 2.50 -6.63
NORTHPORT____3 23553	35.33 2.64 -2.68	34.38 2.24 -6.43	32.61 2.17 -6.58	30.44 2.07 -4.82	30.15 1.95 -5.73	30.16 1.93 -6.05	29.05 1.82 -6.28	30.41 2.04 -6.66	33.66 2.15 -8.44	34.78 2.47 -6.82	36.46 2.25 -7.69	36.94 2.39 -6.14	38.34 2.66 -4.42	40.83 2.67 -6.74	40.66 2.65 -6.12	43.08 2.93 -5.33	48.25 3.25 -5.82	51.97 3.88 -3.49	50.48 3.59 -3.58	43.77 2.51 -4.39	40.58 2.56 -2.50	37.55 2.51 -2.91	36.92 2.22 -5.19	36.53 2.47 -6.62
NORTHPORT____4 23650	35.33 2.64 -2.68	34.38 2.24 -6.43	32.61 2.17 -6.58	30.44 2.07 -4.82	30.15 1.95 -5.73	30.16 1.93 -6.05	29.05 1.82 -6.28	30.41 2.04 -6.66	33.66 2.15 -8.44	34.78 2.47 -6.82	36.46 2.25 -7.69	36.94 2.39 -6.14	38.34 2.66 -4.42	40.83 2.67 -6.74	40.66 2.65 -6.12	43.08 2.93 -5.33	48.25 3.25 -5.82	51.97 3.88 -3.49	50.48 3.59 -3.58	43.77 2.51 -4.39	40.58 2.56 -2.50	37.55 2.51 -2.91	36.92 2.22 -5.19	36.53 2.47 -6.62
NORTHPORT____IC 23718	35.69 3.00 -2.68	34.71 2.57 -6.43	32.95 2.51 -6.58	30.77 2.40 -4.82	30.47 2.27 -5.73	30.45 2.22 -6.05	29.37 2.14 -6.28	30.76 2.39 -6.66	34.03 2.52 -8.44	35.09 2.78 -6.82	36.78 2.57 -7.69	37.09 2.53 -6.15	38.37 2.72 -4.39	41.00 2.89 -6.70	40.77 2.84 -6.03	42.93 3.24 -4.87	48.52 3.56 -5.78	51.75 3.66 -3.50	50.32 3.42 -3.58	43.43 2.36 -4.19	40.33 2.31 -2.50	37.43 2.38 -2.92	37.19 2.60 -5.07	36.56 2.50 -6.63

NORTH__COUNTRY_ESR 323785	29.64 -0.24 0.13	25.41 -0.28 0.01	23.44 -0.33 0.09	23.14 -0.31 0.10	22.18 -0.29 0.00	21.94 -0.24 0.00	20.76 -0.19 0.00	21.52 -0.20 0.00	22.92 -0.16 0.00	25.05 -0.30 0.14	26.13 -0.35 0.04	27.79 -0.28 0.34	30.86 -0.34 0.06	30.82 -0.44 0.15	31.38 -0.45 0.07	34.20 -0.31 0.31	38.39 -0.16 0.63	42.96 -0.13 1.51	42.99 0.13 0.46	36.88 0.00 0.00	35.38 -0.14 0.00	31.81 -0.32 0.00	28.96 -0.56 0.00	26.78 -0.66 0.00
NPX_GEN_1385_PROXY 323591	35.12 2.43 -2.68	34.17 2.03 -6.43	32.42 1.98 -6.58	30.27 1.91 -4.82	30.02 1.82 -5.73	29.91 1.68 -6.05	29.03 1.80 -6.28	30.56 2.19 -6.66	33.75 2.24 -8.44	34.76 2.45 -6.82	36.49 2.28 -7.69	36.72 2.16 -6.15	38.50 2.84 -4.39	41.00 2.89 -6.70	40.80 2.87 -6.03	43.00 3.31 -4.87	48.80 3.84 -5.78	51.48 3.39 -3.50	50.10 3.20 -3.58	43.50 2.43 -4.19	40.51 2.49 -2.50	37.30 2.25 -2.92	36.83 2.24 -5.07	36.23 2.17 -6.63
NPX_GEN_CSC 323557	36.11 3.42 -2.68	35.07 2.93 -6.43	33.14 2.70 -6.58	30.91 2.54 -4.82	30.61 2.41 -5.73	30.60 2.37 -6.05	29.47 2.24 -6.28	30.84 2.47 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.20 3.00 -7.69	37.74 3.13 -6.20	40.64 3.41 -5.97	43.64 3.52 -8.71	44.84 3.51 -9.44	50.47 4.00 -11.65	51.17 4.46 -7.53	58.98 4.91 -9.47	63.21 4.59 -15.31	52.15 3.51 -11.77	50.69 3.41 -11.76	49.96 3.28 -14.55	42.50 3.28 -9.70	37.43 3.21 -6.78
NSINS_S_GLNS_FALLS 23858	31.88 2.16 0.29	27.45 1.77 0.02	25.31 1.65 0.20	24.97 1.65 0.22	24.36 1.60 -0.30	23.98 1.55 -0.25	22.41 1.47 0.00	23.17 1.45 0.00	24.74 1.66 0.00	29.62 2.06 -2.07	29.44 2.25 -0.67	35.86 2.39 -5.06	34.93 2.69 -0.97	36.23 2.54 -2.27	35.62 2.65 -1.07	42.20 2.79 -4.59	49.46 3.09 -7.19	65.37 3.57 -17.20	51.93 3.42 -5.20	39.83 2.95 0.00	38.36 2.84 0.00	40.99 2.60 -6.25	31.74 2.21 0.00	29.33 1.89 0.00
NUCOR_STEEL__DRP 24197	30.43 0.63 0.21	26.28 0.59 0.02	24.17 0.45 0.15	23.79 0.40 0.16	22.83 0.34 -0.03	22.54 0.33 -0.03	21.24 0.29 0.00	22.04 0.33 0.00	23.45 0.37 0.00	25.48 0.43 0.45	26.88 0.50 0.14	27.86 0.54 1.09	31.68 0.63 0.21	31.52 0.60 0.49	32.36 0.70 0.23	34.46 0.63 0.99	38.48 0.74 1.44	42.14 0.98 3.44	43.27 1.00 1.04	37.98 1.11 0.00	36.37 0.85 0.00	32.96 0.61 -0.21	30.08 0.56 0.00	27.96 0.52 0.00
NUMBER_THREE_WT_PWR 323818	29.75 0.00 0.26	25.76 0.08 0.02	23.37 -0.31 0.18	22.97 -0.38 0.20	22.05 -0.43 -0.01	21.79 -0.40 -0.02	20.44 -0.50 0.00	21.11 -0.61 0.00	22.46 -0.62 0.00	24.32 -0.71 0.46	25.73 -0.64 0.15	26.70 -0.60 1.12	30.71 -0.34 0.22	30.54 -0.38 0.50	31.24 -0.42 0.24	33.49 -0.31 1.01	37.30 -0.35 1.52	40.74 -0.22 3.64	42.39 0.17 1.10	37.32 0.44 0.00	35.74 0.21 0.00	32.04 -0.10 0.00	29.35 -0.18 0.00	27.16 -0.27 0.00
NYISO_LBMP_REFERENCE 24008	30.01 0.00 0.00	25.70 0.00 0.00	23.86 0.00 0.00	23.54 0.00 0.00	22.47 0.00 0.00	22.18 0.00 0.00	20.94 0.00 0.00	21.71 0.00 0.00	23.08 0.00 0.00	25.49 0.00 0.00	26.52 0.00 0.00	28.41 0.00 0.00	31.26 0.00 0.00	31.41 0.00 0.00	31.89 0.00 0.00	34.82 0.00 0.00	39.17 0.00 0.00	44.60 0.00 0.00	43.31 0.00 0.00	36.88 0.00 0.00	35.52 0.00 0.00	32.13 0.00 0.00	29.52 0.00 0.00	27.44 0.00 0.00
NYPA_BRENTWD__GT 24164	36.29 3.60 -2.68	35.17 3.03 -6.43	33.35 2.91 -6.58	31.12 2.75 -4.82	30.83 2.63 -5.73	30.80 2.57 -6.05	29.66 2.43 -6.28	31.06 2.69 -6.66	34.35 2.84 -8.44	35.50 3.19 -6.82	37.33 3.13 -7.69	37.78 3.21 -6.16	41.04 3.50 -6.27	44.18 3.64 -9.12	45.71 3.63 -10.18	63.16 4.07 -24.26	51.56 4.50 -7.88	54.50 4.77 -5.12	54.59 4.50 -6.78	53.67 3.32 -13.47	43.74 3.20 -5.02	41.40 3.18 -6.09	43.52 3.28 -10.72	37.35 3.15 -6.76
NYPA_GOWANUS__GT5 24156	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.39 3.60 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NYPA_GOWANUS__GT6 24157	32.54 2.79 0.26	27.84 2.16 0.02	25.85 2.17 0.18	25.37 2.03 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.35 3.52 -1.01	44.39 3.60 -1.61	52.38 3.93 -3.85	48.24 3.77 -1.16	39.16 2.29 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.12 2.60 0.00	29.96 2.52 0.00
NYPA_HARLEM_RVR_GT1 24160	32.51 2.76 0.25	27.90 2.21 0.01	25.88 2.19 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.13 3.00 -0.24	39.03 3.20 -1.01	44.32 3.53 -1.62	52.20 3.75 -3.85	48.12 3.64 -1.17	39.13 2.25 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.10 2.57 -0.01	30.00 2.55 -0.01
NYPA_HARLEM_RVR_GT2 24161	32.51 2.76 0.25	27.90 2.21 0.01	25.88 2.19 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.13 3.00 -0.24	39.03 3.20 -1.01	44.32 3.53 -1.62	52.20 3.75 -3.85	48.12 3.64 -1.17	39.13 2.25 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.10 2.57 -0.01	30.00 2.55 -0.01
NYPA_KENT__GT 24152	32.48 2.73 0.26	27.84 2.16 0.02	25.83 2.15 0.18	25.34 2.00 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.75 2.04 0.00	25.20 2.12 0.00	28.44 2.50 -0.45	29.21 2.55 -0.15	32.16 2.64 -1.10	34.41 2.94 -0.21	34.93 3.02 -0.49	35.13 3.00 -0.23	39.25 3.41 -1.01	44.31 3.53 -1.61	52.24 3.79 -3.85	48.15 3.68 -1.16	39.13 2.25 0.00	38.01 2.49 0.00	36.75 2.67 -1.95	32.06 2.54 0.00	29.93 2.50 0.00
NYPA_POUCH1__GT 24155	32.48 2.73 0.26	27.76 2.08 0.02	25.78 2.10 0.18	25.28 1.93 0.20	24.52 1.84 -0.21	24.16 1.80 -0.19	22.62 1.68 0.00	23.69 1.98 0.00	25.14 2.05 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.13 2.61 -1.11	34.39 2.91 -0.22	34.90 2.99 -0.50	35.10 2.97 -0.24	39.27 3.45 -1.00	44.27 3.49 -1.61	52.24 3.79 -3.85	48.12 3.64 -1.17	39.02 2.14 0.00	37.97 2.45 0.00	36.79 2.70 -1.95	32.03 2.51 0.00	29.91 2.47 0.00
NYPA_VERNON__GT2 24162	32.45 2.70 0.26	27.82 2.13 0.02	25.80 2.12 0.18	25.34 2.00 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.75 2.04 0.00	25.18 2.10 0.00	28.41 2.47 -0.45	29.18 2.52 -0.15	32.13 2.61 -1.10	34.38 2.91 -0.21	34.86 2.95 -0.49	35.06 2.93 -0.23	39.14 3.31 -1.01	44.27 3.49 -1.61	52.20 3.75 -3.85	48.07 3.59 -1.16	39.13 2.25 0.00	37.94 2.42 0.00	36.68 2.60 -1.95	32.00 2.48 0.00	29.91 2.47 0.00

NYPY_VERNON____GT3 24163	32.45 2.70 0.26	27.82 2.13 0.02	25.80 2.12 0.18	25.34 2.00 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.75 2.04 0.00	25.18 2.10 0.00	28.41 2.47 -0.45	29.18 2.52 -0.15	32.13 2.61 -1.10	34.38 2.91 -0.21	34.86 2.95 -0.49	35.06 2.93 -0.23	39.14 3.31 -1.01	44.27 3.49 -1.61	52.20 3.75 -3.85	48.07 3.59 -1.16	39.13 2.25 0.00	37.94 2.42 0.00	36.68 2.60 -1.95	32.00 2.48 0.00	29.91 2.47 0.00
NYPY____ASTORIA_CC1 323568	32.42 2.67 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.87 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.10 3.27 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.09 2.21 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	31.97 2.45 0.00	29.88 2.44 0.00
NYPY____ASTORIA_CC2 323569	32.42 2.67 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.18 2.10 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.87 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.10 3.27 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.09 2.21 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	31.97 2.45 0.00	29.88 2.44 0.00
NYPY____HOLTSVILL 23794	36.05 3.36 -2.68	34.97 2.83 -6.43	33.14 2.70 -6.58	30.91 2.54 -4.82	30.61 2.41 -5.73	30.60 2.37 -6.05	29.47 2.24 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.29 2.98 -6.82	37.12 2.92 -7.69	37.60 2.98 -6.20	40.46 3.25 -5.94	43.46 3.36 -8.68	44.61 3.32 -9.40	50.14 3.73 -11.60	50.79 4.11 -7.51	58.49 4.50 -9.39	62.69 4.25 -15.13	51.64 3.10 -11.67	50.16 3.02 -11.62	49.50 2.99 -14.38	42.20 3.04 -9.64	37.21 2.99 -6.78
NYPY____HELLGATE_GT1 24158	32.51 2.76 0.25	27.90 2.21 0.01	25.88 2.19 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.13 3.00 -0.24	39.03 3.20 -1.01	44.32 3.53 -1.62	52.20 3.75 -3.85	48.12 3.64 -1.17	39.13 2.25 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.10 2.57 -0.01	30.00 2.55 -0.01
NYPY____HELLGATE_GT2 24159	32.51 2.76 0.25	27.90 2.21 0.01	25.88 2.19 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.85 2.13 -0.01	25.27 2.19 0.00	28.49 2.55 -0.45	29.26 2.60 -0.15	32.22 2.70 -1.10	34.52 3.03 -0.22	35.00 3.08 -0.50	35.13 3.00 -0.24	39.03 3.20 -1.01	44.32 3.53 -1.62	52.20 3.75 -3.85	48.12 3.64 -1.17	39.13 2.25 0.00	37.97 2.45 0.00	36.79 2.70 -1.96	32.10 2.57 -0.01	30.00 2.55 -0.01
NYS_BARGE____HYD 23848	29.02 -0.60 0.39	25.52 -0.15 0.03	23.11 -0.48 0.27	22.68 -0.57 0.30	21.74 -0.76 -0.03	21.44 -0.78 -0.04	20.53 -0.42 0.00	20.97 -0.74 0.00	22.30 -0.78 0.00	24.30 -0.76 0.43	25.56 -0.82 0.14	26.62 -0.74 1.05	30.31 -0.75 0.20	29.94 -1.01 0.47	30.74 -0.93 0.22	32.58 -1.29 0.95	36.35 -1.45 1.38	39.60 -1.69 3.30	40.32 -1.99 1.00	36.84 -0.04 0.00	34.60 -0.92 0.00	31.44 -0.96 -0.27	29.28 -0.24 0.00	27.03 -0.41 0.00
OAK ORCHARD____HYD 24046	29.79 0.18 0.40	25.90 0.23 0.03	23.68 0.10 0.28	23.28 0.05 0.31	22.27 -0.22 -0.03	21.94 -0.27 -0.03	20.88 -0.06 0.00	21.52 -0.20 0.00	22.87 -0.21 0.00	24.88 -0.15 0.46	26.26 -0.11 0.15	27.23 -0.06 1.12	31.08 0.03 0.22	30.85 -0.06 0.50	31.66 0.00 0.24	33.63 -0.17 1.02	37.58 -0.12 1.48	40.93 -0.13 3.53	41.90 -0.35 1.07	37.61 0.74 0.00	35.59 0.07 0.00	32.28 -0.06 -0.21	29.82 0.30 0.00	27.52 0.08 0.00
OAKDALE__35_KV_LOAD 356122	30.07 0.36 0.30	26.14 0.46 0.02	23.92 0.26 0.21	23.53 0.21 0.23	22.73 0.20 -0.06	22.44 0.20 -0.06	21.17 0.23 0.00	21.95 0.24 0.00	23.36 0.28 0.00	25.61 0.36 0.24	26.81 0.37 0.08	28.26 0.43 0.58	31.62 0.47 0.11	31.59 0.44 0.26	32.25 0.48 0.12	34.78 0.49 0.53	38.96 0.51 0.72	43.49 0.62 1.73	43.35 0.56 0.52	37.58 0.70 0.00	36.05 0.53 0.00	33.20 0.42 -0.65	29.96 0.44 0.00	27.85 0.41 0.00
OCC_CHEM____DRP 24175	28.60 -1.02 0.39	24.95 -0.72 0.03	22.83 -0.76 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.09 -0.86 0.00	20.54 -1.17 0.00	21.81 -1.27 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.34 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.86 -2.02 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.25 -3.08 0.99	35.11 -1.77 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.43 -1.09 0.00	26.45 -0.99 0.00
OH_GEN_PROXY 24063	28.71 -0.90 0.39	25.24 -0.44 0.03	22.92 -0.67 0.28	22.49 -0.75 0.30	21.56 -0.94 -0.03	21.26 -0.95 -0.04	20.29 -0.65 0.00	20.80 -0.91 0.00	22.13 -0.95 0.00	24.09 -0.97 0.43	25.32 -1.06 0.14	26.40 -0.97 1.05	30.00 -1.06 0.20	29.63 -1.32 0.47	30.46 -1.21 0.22	32.27 -1.60 0.95	36.00 -1.80 1.37	39.22 -2.10 3.28	39.89 -2.42 0.99	36.36 -0.52 0.00	34.21 -1.31 0.00	31.06 -1.35 -0.27	28.96 -0.56 0.00	26.75 -0.68 0.00
OLIN_CORP_DRP 24177	28.51 -1.11 0.39	24.93 -0.75 0.03	22.73 -0.86 0.27	22.33 -0.92 0.30	21.40 -1.10 -0.03	21.10 -1.11 -0.04	20.23 -0.71 0.00	20.65 -1.06 0.00	21.93 -1.15 0.00	23.89 -1.17 0.42	25.14 -1.25 0.14	26.18 -1.19 1.04	29.78 -1.28 0.20	29.41 -1.54 0.47	30.21 -1.47 0.22	32.03 -1.85 0.94	35.66 -2.15 1.36	38.80 -2.54 3.26	39.56 -2.77 0.98	35.33 -1.55 0.00	33.96 -1.56 0.00	30.87 -1.54 -0.28	28.61 -0.92 0.00	26.59 -0.85 0.00
OLIN_CORP_DSASP 323712	28.59 -1.02 0.39	25.16 -0.51 0.03	22.85 -0.74 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.08 -0.86 0.00	20.54 -1.17 0.00	21.83 -1.25 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.33 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.82 -2.05 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.29 -3.03 0.99	35.92 -0.96 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.64 -0.88 0.00	26.45 -0.99 0.00
ONEIDA_HERK_LFGE 323681	30.27 0.66 0.40	26.31 0.64 0.03	24.04 0.45 0.28	23.64 0.40 0.31	22.82 0.34 -0.01	22.55 0.35 -0.02	21.20 0.25 0.00	21.97 0.26 0.00	23.36 0.28 0.00	25.22 0.33 0.60	26.75 0.42 0.19	27.42 0.48 1.47	31.61 0.63 0.28	31.38 0.63 0.66	32.19 0.60 0.31	34.14 0.66 1.34	37.94 0.71 1.94	40.89 0.94 4.65	43.03 1.12 1.40	38.09 1.22 0.00	36.44 0.92 0.00	32.71 0.58 0.00	30.02 0.50 0.00	27.85 0.41 0.00
ONEIDA____115KV_TB4 55905	30.56 0.93 0.38	26.55 0.87 0.03	24.29 0.69 0.26	23.92 0.66 0.29	23.07 0.58 -0.01	22.80 0.60 -0.02	21.43 0.48 0.00	22.19 0.48 0.00	23.59 0.51 0.00	25.51 0.59 0.57	27.00 0.66 0.18	27.75 0.74 1.40	31.84 0.84 0.27	31.64 0.85 0.63	32.49 0.89 0.30	34.49 0.94 1.27	38.35 1.02 1.84	41.54 1.34 4.40	43.45 1.47 1.33	38.35 1.48 0.00	36.76 1.24 0.00	33.00 0.87 0.00	30.29 0.77 0.00	28.12 0.69 0.00

ONONDAGA_REF_OCCRA 23987	29.83 0.09 0.27	25.79 0.10 0.02	23.67 0.00 0.19	23.34 0.00 0.21	22.47 -0.02 -0.02	22.16 -0.04 -0.03	20.92 -0.02 0.00	21.69 -0.02 0.00	23.06 -0.02 0.00	25.02 0.00 0.47	26.42 0.05 0.15	27.32 0.06 1.14	31.11 0.06 0.22	30.93 0.03 0.51	31.75 0.10 0.24	33.85 0.07 1.04	37.74 0.08 1.51	41.12 0.13 3.61	42.35 0.13 1.09	37.17 0.30 0.00	35.63 0.11 0.00	32.29 -0.03 -0.19	29.52 0.00 0.00	27.41 -0.03 0.00
ONONDAGA___COGEN 23986	29.98 0.18 0.20	25.87 0.18 0.02	23.82 0.10 0.14	23.46 0.07 0.16	22.54 0.04 -0.02	22.25 0.04 -0.03	20.99 0.04 0.00	21.78 0.07 0.00	23.15 0.07 0.00	25.12 0.10 0.47	26.53 0.16 0.15	27.41 0.14 1.15	31.23 0.19 0.22	31.09 0.19 0.51	31.87 0.22 0.24	33.99 0.21 1.04	37.90 0.24 1.51	41.29 0.31 3.62	42.52 0.30 1.09	37.32 0.44 0.00	35.77 0.25 0.00	32.23 0.10 0.00	29.64 0.12 0.00	27.52 0.08 0.00
ONTARIO___LFGE 23819	30.31 0.63 0.33	26.34 0.67 0.03	24.01 0.38 0.23	23.60 0.31 0.25	22.72 0.22 -0.03	22.41 0.20 -0.03	21.22 0.27 0.00	21.97 0.26 0.00	23.36 0.28 0.00	25.39 0.33 0.43	26.75 0.37 0.14	27.81 0.45 1.06	31.62 0.56 0.20	31.44 0.50 0.47	32.27 0.60 0.22	34.28 0.42 0.96	38.30 0.51 1.39	42.04 0.76 3.31	43.09 0.78 1.00	38.24 1.37 0.00	36.30 0.78 0.00	33.03 0.64 -0.26	30.29 0.77 0.00	28.01 0.58 0.00
ORANGEVILLE_WT_PWR 323706	29.28 -0.36 0.37	25.83 0.16 0.03	23.30 -0.31 0.26	22.88 -0.38 0.28	22.10 -0.40 -0.04	21.80 -0.42 -0.04	20.76 -0.19 0.00	21.37 -0.35 0.00	22.76 -0.32 0.00	24.82 -0.28 0.39	26.05 -0.35 0.13	27.22 -0.23 0.96	30.83 -0.25 0.18	30.51 -0.47 0.43	31.34 -0.35 0.20	33.29 -0.66 0.87	37.18 -0.75 1.25	40.85 -0.76 3.00	41.45 -0.95 0.91	37.43 0.55 0.00	35.34 -0.18 0.00	32.12 -0.35 -0.34	29.67 0.15 0.00	27.41 -0.03 0.00
ORANGEVILLE___ESR 323794	29.28 -0.36 0.37	25.83 0.16 0.03	23.30 -0.31 0.26	22.88 -0.38 0.28	22.10 -0.40 -0.04	21.80 -0.42 -0.04	20.76 -0.19 0.00	21.37 -0.35 0.00	22.76 -0.32 0.00	24.82 -0.28 0.39	26.05 -0.35 0.13	27.22 -0.23 0.96	30.83 -0.25 0.18	30.51 -0.47 0.43	31.34 -0.35 0.20	33.29 -0.66 0.87	37.18 -0.75 1.25	40.85 -0.76 3.00	41.45 -0.95 0.91	37.43 0.55 0.00	35.34 -0.18 0.00	32.12 -0.35 -0.34	29.67 0.15 0.00	27.41 -0.03 0.00
OSWEGATCHIE___HYD 24044	29.04 -0.78 0.19	25.07 -0.62 0.02	22.95 -0.79 0.13	22.60 -0.80 0.15	21.67 -0.81 -0.01	21.41 -0.78 -0.01	20.13 -0.82 0.00	20.80 -0.91 0.00	22.16 -0.92 0.00	24.08 -1.10 0.32	25.33 -1.09 0.10	26.55 -1.08 0.78	30.02 -1.10 0.15	29.96 -1.10 0.35	30.58 -1.15 0.17	33.00 -1.12 0.71	36.83 -1.21 1.13	40.64 -1.25 2.71	41.67 -0.82 0.82	36.32 -0.55 0.00	34.85 -0.68 0.00	31.27 -0.87 0.00	28.64 -0.88 0.00	26.48 -0.96 0.00
OSWEGO___5 23606	29.92 -0.48 -0.40	25.35 -0.38 -0.03	23.74 -0.41 -0.28	23.43 -0.42 -0.30	22.08 -0.40 -0.02	21.78 -0.42 -0.02	20.59 -0.36 0.00	21.32 -0.39 0.00	22.67 -0.41 0.00	24.57 -0.46 0.46	25.92 -0.45 0.15	26.80 -0.48 1.13	30.55 -0.50 0.22	30.38 -0.53 0.50	31.14 -0.51 0.24	33.21 -0.59 1.02	36.98 -0.70 1.49	40.27 -0.76 3.57	41.50 -0.74 1.08	36.51 -0.37 0.00	34.92 -0.60 0.00	31.52 -0.61 0.00	29.02 -0.50 0.00	26.94 -0.49 0.00
OSWEGO___6 23613	29.92 -0.48 -0.40	25.35 -0.38 -0.03	23.74 -0.41 -0.28	23.43 -0.42 -0.30	22.08 -0.40 -0.02	21.78 -0.42 -0.02	20.59 -0.36 0.00	21.32 -0.39 0.00	22.67 -0.41 0.00	24.57 -0.46 0.46	25.92 -0.45 0.15	26.80 -0.48 1.13	30.55 -0.50 0.22	30.38 -0.53 0.50	31.14 -0.51 0.24	33.21 -0.59 1.02	36.98 -0.70 1.49	40.27 -0.76 3.57	41.50 -0.74 1.08	36.51 -0.37 0.00	34.92 -0.60 0.00	31.52 -0.61 0.00	29.02 -0.50 0.00	26.94 -0.49 0.00
OUTOKUMPU-AB___DRP 24206	29.23 -0.39 0.39	25.60 -0.08 0.03	23.28 -0.31 0.27	22.85 -0.40 0.30	21.94 -0.56 -0.03	21.66 -0.55 -0.04	20.63 -0.31 0.00	21.13 -0.59 0.00	22.46 -0.62 0.00	24.51 -0.56 0.42	25.77 -0.61 0.14	26.90 -0.48 1.03	30.57 -0.50 0.20	30.20 -0.75 0.46	31.04 -0.64 0.22	32.91 -0.97 0.94	36.68 -1.14 1.36	40.06 -1.29 3.24	40.64 -1.69 0.98	36.25 -0.63 0.00	34.85 -0.67 0.00	31.68 -0.74 -0.28	29.32 -0.21 0.00	27.24 -0.19 0.00
OXBOW____ 24026	28.99 -0.63 0.39	25.52 -0.15 0.03	23.14 -0.45 0.27	22.70 -0.54 0.30	21.76 -0.74 -0.03	21.46 -0.75 -0.04	20.40 -0.54 0.00	20.89 -0.83 0.00	22.20 -0.88 0.00	24.20 -0.87 0.42	25.45 -0.93 0.14	26.55 -0.82 1.04	30.19 -0.88 0.20	29.82 -1.13 0.47	30.65 -1.02 0.22	32.45 -1.43 0.94	36.17 -1.64 1.36	39.47 -1.87 3.26	40.12 -2.21 0.98	36.62 -0.26 0.00	34.38 -1.14 0.00	31.26 -1.16 -0.28	29.17 -0.35 0.00	26.91 -0.52 0.00
OXY_CHEM_DSASP 323612	28.60 -1.02 0.39	24.95 -0.72 0.03	22.83 -0.76 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.09 -0.86 0.00	20.54 -1.17 0.00	21.81 -1.27 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.34 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.86 -2.02 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.25 -3.08 0.99	35.11 -1.77 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.43 -1.09 0.00	26.45 -0.99 0.00
OZONE_PARK_ESR 323760	32.63 2.88 0.26	28.05 2.36 0.02	25.97 2.29 0.18	25.51 2.17 0.20	24.72 2.04 -0.20	24.38 2.02 -0.19	22.85 1.91 0.00	23.88 2.17 0.00	25.34 2.26 0.00	28.57 2.63 -0.45	29.34 2.68 -0.15	32.30 2.78 -1.10	34.57 3.10 -0.21	35.05 3.14 -0.49	35.22 3.09 -0.23	39.30 3.48 -1.00	44.66 3.88 -1.61	52.82 4.37 -3.85	48.55 4.07 -1.16	39.68 2.80 0.00	38.19 2.66 0.00	36.88 2.80 -1.95	32.24 2.72 0.00	30.10 2.66 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.60 -1.02 0.39	24.95 -0.72 0.03	22.83 -0.76 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.09 -0.86 0.00	20.54 -1.17 0.00	21.81 -1.27 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.34 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.86 -2.02 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.25 -3.08 0.99	35.11 -1.77 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.43 -1.09 0.00	26.45 -0.99 0.00
PACKARD___115KV_DUPONT_184 80571	28.60 -1.02 0.39	24.95 -0.72 0.03	22.83 -0.76 0.27	22.42 -0.82 0.30	21.47 -1.03 -0.03	21.17 -1.04 -0.04	20.09 -0.86 0.00	20.54 -1.17 0.00	21.81 -1.27 0.00	23.77 -1.30 0.43	25.00 -1.38 0.14	26.04 -1.34 1.04	29.63 -1.44 0.20	29.25 -1.70 0.47	30.05 -1.63 0.22	31.86 -2.02 0.95	35.46 -2.35 1.37	38.61 -2.72 3.27	39.25 -3.08 0.99	35.11 -1.77 0.00	33.75 -1.78 0.00	30.64 -1.77 -0.28	28.43 -1.09 0.00	26.45 -0.99 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.51 2.76 0.25	27.93 2.24 0.01	25.88 2.20 0.18	25.42 2.07 0.19	24.64 1.95 -0.21	24.30 1.93 -0.19	22.77 1.82 -0.01	23.83 2.11 -0.01	25.25 2.17 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.19 2.67 -1.10	34.49 3.00 -0.22	34.96 3.05 -0.50	35.13 3.00 -0.24	39.21 3.38 -1.01	44.36 3.56 -1.62	52.20 3.75 -3.85	48.16 3.68 -1.17	39.31 2.43 0.00	37.97 2.45 0.00	36.76 2.67 -1.96	32.13 2.60 -0.01	29.97 2.52 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.02 3.27 0.25	28.36 2.67 0.01	26.29 2.60 0.18	25.80 2.45 0.19	25.02 2.34 -0.21	24.63 2.26 -0.19	23.07 2.12 -0.01	24.17 2.45 -0.01	25.53 2.45 0.00	28.82 2.88 -0.45	29.61 2.94 -0.15	32.58 3.07 -1.10	34.89 3.41 -0.22	35.40 3.49 -0.50	35.58 3.44 -0.24	39.70 3.87 -1.01	44.95 4.15 -1.62	52.87 4.42 -3.85	48.77 4.29 -1.17	39.79 2.91 0.00	38.40 2.88 0.00	37.18 3.08 -1.96	32.51 2.98 -0.01	30.35 2.91 -0.01
PATROON__115KV_TB1 80586	31.01 1.29 0.29	26.76 1.08 0.02	24.74 1.07 0.20	24.41 1.08 0.22	23.78 1.03 -0.28	23.44 1.02 -0.24	21.89 0.94 0.00	22.65 0.93 0.00	24.07 0.99 0.00	28.21 1.20 -1.52	28.28 1.27 -0.49	33.51 1.36 -3.74	33.48 1.50 -0.72	34.60 1.51 -1.67	34.22 1.53 -0.79	39.85 1.64 -3.39	46.26 1.76 -5.32	59.29 1.96 -12.73	48.97 1.82 -3.84	38.35 1.48 0.00	36.91 1.39 0.00	38.28 1.35 -4.80	30.76 1.24 0.00	28.59 1.15 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.73 -0.90 0.38	25.67 0.00 0.03	22.84 -0.76 0.27	22.38 -0.87 0.29	21.92 -0.58 -0.03	21.66 -0.55 -0.04	20.69 -0.25 0.00	21.30 -0.41 0.00	22.69 -0.39 0.00	24.80 -0.28 0.41	26.07 -0.32 0.13	27.25 -0.17 1.00	30.92 -0.16 0.19	30.59 -0.38 0.45	31.43 -0.26 0.21	33.39 -0.52 0.90	37.21 -0.67 1.30	40.86 -0.62 3.12	41.29 -1.08 0.94	36.73 -0.15 0.00	35.24 -0.28 0.00	32.09 -0.35 -0.31	29.52 0.00 0.00	27.41 -0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.38 2.64 0.26	27.89 2.21 0.02	25.78 2.10 0.18	25.34 2.00 0.20	24.57 1.89 -0.21	24.21 1.84 -0.19	22.66 1.72 0.00	23.65 1.93 0.00	25.11 2.03 0.00	28.35 2.40 -0.46	29.16 2.49 -0.15	32.11 2.56 -1.14	34.30 2.81 -0.22	34.78 2.86 -0.51	35.04 2.90 -0.24	38.95 3.10 -1.03	44.24 3.41 -1.66	52.54 3.97 -3.97	48.23 3.72 -1.20	39.94 3.06 0.00	38.40 2.88 0.00	36.95 2.83 -1.99	31.94 2.42 0.00	29.77 2.33 0.00
PEEKSKILL____ 23653	31.94 2.19 0.26	27.51 1.83 0.02	25.47 1.79 0.18	25.06 1.72 0.20	24.29 1.62 -0.20	23.96 1.60 -0.18	22.43 1.49 0.00	23.41 1.69 0.00	24.86 1.78 0.00	27.99 2.06 -0.44	28.78 2.12 -0.14	31.65 2.16 -1.08	33.85 2.37 -0.21	34.35 2.45 -0.48	34.55 2.42 -0.23	38.52 2.72 -0.98	43.73 2.98 -1.58	51.72 3.35 -3.77	47.52 3.08 -1.14	38.98 2.10 0.00	37.65 2.13 0.00	36.27 2.22 -1.92	31.53 2.01 0.00	29.44 2.00 0.00
PGE MADISON__WINDPWR 24146	32.39 2.67 0.29	28.25 2.57 0.02	25.74 2.08 0.20	25.30 1.98 0.22	24.35 1.82 -0.06	24.05 1.82 -0.06	22.49 1.55 0.00	23.30 1.58 0.00	24.72 1.64 0.00	27.08 1.78 0.19	28.37 1.91 0.06	30.05 2.10 0.47	33.55 2.37 0.09	33.53 2.32 0.21	34.12 2.33 0.10	36.94 2.54 0.43	41.47 2.86 0.57	47.03 3.79 1.36	47.15 4.25 0.41	41.30 4.42 0.00	39.43 3.91 0.00	35.73 2.83 -0.77	32.09 2.57 0.00	29.66 2.22 0.00
PIERCEFIELD__HYD 23852	28.69 -1.17 0.15	24.74 -0.95 0.01	22.76 -1.00 0.11	22.44 -0.99 0.12	21.53 -0.94 0.00	21.28 -0.91 -0.01	20.04 -0.90 0.00	20.76 -0.96 0.00	22.13 -0.95 0.00	24.11 -1.17 0.21	25.26 -1.19 0.07	26.68 -1.22 0.52	29.85 -1.31 0.10	29.86 -1.32 0.23	30.45 -1.34 0.11	32.96 -1.39 0.47	36.89 -1.45 0.83	41.00 -1.61 1.99	41.50 -1.21 0.60	35.84 -1.03 0.00	34.42 -1.10 0.00	30.94 -1.19 0.00	28.28 -1.24 0.00	26.17 -1.26 0.00
PINELAWN_CC_1 323563	36.05 3.36 -2.68	34.97 2.83 -6.43	33.16 2.72 -6.58	30.95 2.59 -4.82	30.65 2.45 -5.73	30.65 2.42 -6.05	29.49 2.26 -6.28	30.87 2.50 -6.66	34.12 2.61 -8.44	35.27 2.96 -6.82	37.12 2.92 -7.69	37.57 3.01 -6.15	39.33 3.28 -4.78	42.04 3.42 -7.20	41.92 3.13 -6.90	47.23 3.48 -8.93	49.28 3.88 -6.22	53.08 4.15 -4.33	52.48 3.94 -5.23	45.92 2.91 -6.13	42.23 2.91 -3.80	39.86 3.18 -4.55	38.87 3.10 -6.25	37.11 3.02 -6.66
PJM_GEN_HTP_PROXY 323702	32.23 2.49 0.26	27.71 2.03 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.47 1.80 -0.20	24.14 1.77 -0.19	22.62 1.68 0.00	23.62 1.91 0.00	25.07 1.99 0.00	28.26 2.32 -0.45	29.05 2.39 -0.15	31.96 2.44 -1.10	34.20 2.72 -0.21	34.67 2.77 -0.49	34.84 2.71 -0.23	38.89 3.06 -1.00	44.16 3.37 -1.61	52.24 3.79 -3.85	47.94 3.47 -1.16	39.09 2.21 0.00	37.76 2.24 0.00	36.46 2.38 -1.95	31.83 2.30 0.00	29.74 2.30 0.00
PJM_GEN_KEystone 24065	30.33 0.63 0.31	26.45 0.77 0.03	24.20 0.55 0.21	23.73 0.42 0.24	23.00 0.40 -0.12	22.69 0.40 -0.12	21.40 0.46 0.00	22.23 0.52 0.00	23.68 0.60 0.00	26.23 0.74 0.00	27.26 0.74 0.00	29.21 0.79 0.00	32.14 0.87 0.00	32.23 0.82 0.00	32.76 0.86 0.00	35.69 0.87 0.00	40.34 0.90 -0.26	46.26 1.03 -0.63	44.24 0.74 -0.19	37.73 0.85 0.00	36.12 0.60 0.00	33.99 0.68 -1.18	30.32 0.80 0.00	28.20 0.77 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.42 2.73 -2.68	34.43 2.29 -6.43	32.68 2.24 -6.58	30.51 2.14 -4.82	30.22 2.02 -5.73	30.22 2.00 -6.05	29.11 1.89 -6.28	30.48 2.11 -6.66	33.71 2.19 -8.44	34.84 2.52 -6.82	36.67 2.47 -7.69	37.09 2.53 -6.15	38.54 2.78 -4.50	41.11 2.86 -6.84	41.00 2.84 -6.27	44.39 3.17 -6.40	48.56 3.49 -5.90	52.45 3.88 -3.98	51.48 3.64 -4.53	44.11 2.51 -4.73	41.29 2.52 -3.25	38.53 2.54 -3.86	37.42 2.51 -5.39	36.57 2.50 -6.63
PJM_GEN_VFT_PROXY 323633	32.17 2.43 0.26	27.64 1.95 0.02	25.64 1.96 0.18	25.18 1.84 0.20	24.41 1.73 -0.20	24.07 1.71 -0.19	22.56 1.61 0.00	23.58 1.87 0.00	25.02 1.94 0.00	28.21 2.27 -0.45	28.97 2.31 -0.15	31.90 2.39 -1.10	34.07 2.59 -0.21	34.55 2.64 -0.49	34.71 2.58 -0.23	38.71 2.89 -1.00	43.96 3.17 -1.61	51.97 3.52 -3.85	47.72 3.25 -1.16	38.87 1.99 0.00	37.54 2.02 0.00	36.30 2.22 -1.95	31.76 2.24 0.00	29.69 2.25 0.00
PLATSBURG_115KV_PMLD1 355749	30.04 0.15 0.12	25.77 0.08 0.01	23.75 -0.02 0.09	23.43 -0.02 0.09	22.45 -0.02 0.00	22.20 0.02 0.00	21.03 0.08 0.00	21.80 0.09 0.00	23.20 0.12 0.00	25.38 0.03 0.13	26.45 -0.03 0.04	28.15 0.06 0.32	31.27 0.06 0.06	31.24 -0.03 0.14	31.79 -0.03 0.07	34.67 0.14 0.29	38.92 0.35 0.61	43.59 0.45 1.46	43.61 0.74 0.44	37.43 0.55 0.00	35.88 0.36 0.00	32.23 0.10 0.00	29.34 -0.18 0.00	27.14 -0.30 0.00
PLEASANTVLY__LBMP 24000	31.72 1.98 0.27	27.33 1.65 0.02	25.30 1.62 0.19	24.89 1.55 0.20	24.17 1.48 -0.22	23.84 1.46 -0.20	22.31 1.36 0.00	23.23 1.52 0.00	24.65 1.57 0.00	27.79 1.81 -0.49	28.53 1.86 -0.16	31.55 1.93 -1.21	33.59 2.09 -0.23	34.09 2.14 -0.54	34.29 2.14 -0.26	38.29 2.37 -1.10	43.52 2.59 -1.76	51.70 2.90 -4.20	47.27 2.69 -1.27	38.83 1.95 0.00	37.37 1.85 0.00	36.12 1.93 -2.06	31.32 1.80 0.00	29.22 1.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.06 2.31 0.26	27.61 1.93 0.02	25.57 1.89 0.18	25.13 1.79 0.20	24.36 1.69 -0.21	24.05 1.69 -0.19	22.51 1.57 0.00	23.49 1.78 0.00	24.95 1.87 0.00	28.11 2.17 -0.46	28.89 2.23 -0.15	31.83 2.30 -1.12	34.01 2.53 -0.22	34.52 2.61 -0.50	34.72 2.58 -0.24	38.73 2.89 -1.02	43.98 3.17 -1.63	52.12 3.61 -3.91	47.83 3.33 -1.18	39.27 2.40 0.00	37.79 2.27 0.00	36.45 2.35 -1.97	31.71 2.18 0.00	29.58 2.14 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.06 2.31 0.26	27.61 1.93 0.02	25.57 1.89 0.18	25.13 1.79 0.20	24.36 1.69 -0.21	24.05 1.69 -0.19	22.51 1.57 0.00	23.49 1.78 0.00	24.95 1.87 0.00	28.11 2.17 -0.46	28.89 2.23 -0.15	31.83 2.30 -1.12	34.01 2.53 -0.22	34.52 2.61 -0.50	34.72 2.58 -0.24	38.73 2.89 -1.02	43.98 3.17 -1.63	52.12 3.61 -3.91	47.83 3.33 -1.18	39.27 2.40 0.00	37.79 2.27 0.00	36.45 2.35 -1.97	31.71 2.18 0.00	29.58 2.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.05 2.31 0.26	27.59 1.90 0.02	25.52 1.84 0.18	25.11 1.77 0.20	24.32 1.64 -0.21	23.99 1.62 -0.19	22.47 1.53 0.00	23.30 1.59 0.00	24.72 1.64 0.00	27.81 1.84 -0.49	28.56 1.88 -0.16	31.57 1.96 -1.19	33.59 2.09 -0.23	34.12 2.17 -0.54	34.28 2.14 -0.25	38.27 2.37 -1.08	43.54 2.62 -1.74	51.75 2.99 -4.16	47.38 2.82 -1.26	38.98 2.10 0.00	37.51 1.99 0.00	36.24 2.06 -2.05	31.50 1.98 0.00	29.33 1.89 0.00
POLETTI____ 23519	32.27 2.52 0.26	27.74 2.06 0.02	25.71 2.03 0.18	25.25 1.91 0.20	24.47 1.80 -0.20	24.14 1.77 -0.19	22.62 1.68 0.00	23.62 1.91 0.00	25.07 1.98 0.00	28.26 2.32 -0.45	29.02 2.36 -0.15	31.93 2.42 -1.10	34.17 2.69 -0.21	34.64 2.73 -0.49	34.81 2.68 -0.23	38.82 2.99 -1.00	44.12 3.33 -1.61	52.15 3.70 -3.85	47.90 3.42 -1.16	39.20 2.32 0.00	37.72 2.20 0.00	36.43 2.35 -1.95	31.85 2.33 0.00	29.74 2.30 0.00
POMONA____ESR 323819	31.88 2.13 0.26	27.43 1.75 0.02	25.42 1.74 0.18	24.99 1.65 0.20	24.24 1.57 -0.20	23.88 1.53 -0.18	22.39 1.44 0.00	23.34 1.63 0.00	24.79 1.71 0.00	27.84 1.94 -0.42	28.64 1.99 -0.13	31.48 2.05 -1.02	33.68 2.22 -0.20	34.16 2.29 -0.46	34.38 2.26 -0.22	38.29 2.54 -0.93	43.45 2.78 -1.49	51.33 3.17 -3.57	47.29 2.90 -1.08	38.76 1.88 0.00	37.47 1.95 0.00	36.05 2.06 -1.86	31.41 1.89 0.00	29.33 1.89 0.00
PORT_JEFF_3 23555	36.14 3.45 -2.68	35.04 2.90 -6.43	33.21 2.77 -6.58	30.98 2.61 -4.82	30.67 2.47 -5.73	30.67 2.44 -6.05	29.53 2.30 -6.28	30.91 2.54 -6.66	34.19 2.68 -8.44	35.37 3.06 -6.82	37.23 3.02 -7.69	37.72 3.10 -6.21	40.59 3.35 -5.98	43.54 3.39 -8.73	44.72 3.35 -9.48	50.03 3.66 -11.56	50.80 4.07 -7.55	58.62 4.42 -9.61	63.04 4.16 -15.57	51.75 3.02 -11.85	50.47 2.98 -11.97	49.93 2.99 -14.81	42.34 3.07 -9.75	37.32 3.10 -6.78
PORT_JEFF_4 23616	36.14 3.45 -2.68	35.04 2.90 -6.43	33.21 2.77 -6.58	30.98 2.61 -4.82	30.67 2.47 -5.73	30.67 2.44 -6.05	29.53 2.30 -6.28	30.91 2.54 -6.66	34.19 2.68 -8.44	35.37 3.06 -6.82	37.23 3.02 -7.69	37.72 3.10 -6.21	40.59 3.35 -5.98	43.54 3.39 -8.73	44.72 3.35 -9.48	50.03 3.66 -11.56	50.80 4.07 -7.55	58.62 4.42 -9.61	63.04 4.16 -15.57	51.75 3.02 -11.85	50.47 2.98 -11.97	49.93 2.99 -14.81	42.34 3.07 -9.75	37.32 3.10 -6.78
PORT_JEFF_IC 23713	36.20 3.51 -2.68	35.09 2.95 -6.43	33.23 2.79 -6.58	31.00 2.64 -4.82	30.69 2.49 -5.73	30.71 2.48 -6.05	29.55 2.32 -6.28	30.95 2.58 -6.66	34.24 2.72 -8.44	35.42 3.11 -6.82	37.28 3.07 -7.69	37.81 3.18 -6.22	40.84 3.47 -6.11	43.82 3.52 -8.89	45.14 3.51 -9.74	49.80 3.76 -11.22	51.05 4.19 -7.69	59.50 4.46 -10.44	64.70 4.20 -17.19	52.35 3.06 -12.42	51.86 3.09 -13.25	51.70 3.15 -16.42	42.78 3.16 -10.10	37.39 3.15 -6.80
PPL PILGRIM_ST_GT1 24216	36.29 3.60 -2.68	35.17 3.03 -6.43	33.35 2.91 -6.58	31.12 2.75 -4.82	30.83 2.63 -5.73	30.80 2.57 -6.05	29.66 2.43 -6.28	31.06 2.69 -6.66	34.35 2.84 -8.44	35.50 3.19 -6.82	37.33 3.13 -7.69	37.78 3.21 -6.16	41.04 3.50 -6.27	44.18 3.64 -9.12	45.71 3.63 -10.18	63.16 4.07 -24.26	51.56 4.50 -7.88	54.50 4.77 -5.12	54.59 4.50 -6.78	53.67 3.32 -13.47	43.74 3.20 -5.02	41.40 3.18 -6.09	43.52 3.28 -10.72	37.35 3.15 -6.76
PPL PILGRIM_ST_GT2 24217	36.29 3.60 -2.68	35.17 3.03 -6.43	33.35 2.91 -6.58	31.12 2.75 -4.82	30.83 2.63 -5.73	30.80 2.57 -6.05	29.66 2.43 -6.28	31.06 2.69 -6.66	34.35 2.84 -8.44	35.50 3.19 -6.82	37.33 3.13 -7.69	37.78 3.21 -6.16	41.04 3.50 -6.27	44.18 3.64 -9.12	45.71 3.63 -10.18	63.16 4.07 -24.26	51.56 4.50 -7.88	54.50 4.77 -5.12	54.59 4.50 -6.78	53.67 3.32 -13.47	43.74 3.20 -5.02	41.40 3.18 -6.09	43.52 3.28 -10.72	37.35 3.15 -6.76
PPL_SHRM_GT3 24213	36.17 3.48 -2.68	35.09 2.95 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.47 2.24 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.21	40.68 3.41 -6.01	43.72 3.55 -8.76	44.93 3.51 -9.53	50.46 4.04 -11.60	51.25 4.50 -7.57	59.26 4.95 -9.71	63.76 4.68 -15.77	52.37 3.54 -11.95	51.09 3.44 -12.13	50.45 3.31 -15.01	42.64 3.31 -9.81	37.46 3.24 -6.79
PPL_SHRM_GT4 24214	36.17 3.48 -2.68	35.09 2.95 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.47 2.24 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.21	40.68 3.41 -6.01	43.72 3.55 -8.76	44.93 3.51 -9.53	50.46 4.04 -11.60	51.25 4.50 -7.57	59.26 4.95 -9.71	63.76 4.68 -15.77	52.37 3.54 -11.95	51.09 3.44 -12.13	50.45 3.31 -15.01	42.64 3.31 -9.81	37.46 3.24 -6.79
PROJECT___ORANGE 1 24174	29.71 0.00 0.30	25.71 0.03 0.02	23.61 -0.05 0.21	23.25 -0.07 0.23	22.40 -0.09 -0.02	22.11 -0.09 -0.03	20.88 -0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	24.95 -0.05 0.49	26.33 -0.03 0.16	27.18 -0.03 1.20	31.00 -0.03 0.23	30.81 -0.06 0.54	31.61 -0.03 0.26	33.66 -0.07 1.09	37.51 -0.08 1.59	40.76 -0.04 3.80	42.08 -0.09 1.15	36.99 0.11 0.00	35.49 -0.04 0.00	31.97 -0.16 0.00	29.40 -0.12 0.00	27.30 -0.14 0.00
PROJECT___ORANGE 2 24166	29.71 0.00 0.30	25.71 0.03 0.02	23.61 -0.05 0.21	23.25 -0.07 0.23	22.40 -0.09 -0.02	22.11 -0.09 -0.03	20.88 -0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	24.95 -0.05 0.49	26.33 -0.03 0.16	27.18 -0.03 1.20	31.00 -0.03 0.23	30.81 -0.06 0.54	31.61 -0.03 0.26	33.66 -0.07 1.09	37.51 -0.08 1.59	40.76 -0.04 3.80	42.08 -0.09 1.15	36.99 0.11 0.00	35.49 -0.04 0.00	31.97 -0.16 0.00	29.40 -0.12 0.00	27.30 -0.14 0.00
PUCKETT___SOLAR 323809	30.67 0.96 0.30	26.71 1.03 0.02	24.40 0.74 0.21	24.00 0.68 0.23	23.16 0.63 -0.06	22.86 0.62 -0.06	21.51 0.57 0.00	22.30 0.59 0.00	23.70 0.62 0.00	26.00 0.71 0.20	27.19 0.74 0.07	28.71 0.79 0.50	32.01 0.84 0.10	32.01 0.82 0.22	32.62 0.83 0.11	35.24 0.87 0.45	39.55 0.98 0.61	44.44 1.29 1.46	44.26 1.39 0.44	38.61 1.73 0.00	36.91 1.38 0.00	33.89 1.03 -0.73	30.53 1.00 0.00	28.31 0.88 0.00
PYRITES___HYD 24023	29.38 -0.48 0.15	25.38 -0.31 0.01	23.33 -0.43 0.10	23.03 -0.40 0.11	22.07 -0.40 0.00	21.81 -0.38 -0.01	20.50 -0.44 0.00	21.21 -0.50 0.00	22.62 -0.46 0.00	24.65 -0.64 0.20	25.82 -0.64 0.07	27.32 -0.60 0.49	30.54 -0.63 0.09	30.57 -0.63 0.22	31.12 -0.67 0.10	33.71 -0.66 0.45	37.74 -0.63 0.81	42.09 -0.58 1.93	42.60 -0.13 0.58	36.84 -0.04 0.00	35.34 -0.18 0.00	31.68 -0.45 0.00	28.93 -0.59 0.00	26.75 -0.69 0.00

QUAKERRD_115KV_BK1 80622	29.06 -0.54 0.41	25.18 -0.49 0.03	23.08 -0.50 0.28	22.71 -0.52 0.31	21.80 -0.70 -0.02	21.48 -0.73 -0.03	20.40 -0.54 0.00	21.06 -0.65 0.00	22.39 -0.69 0.00	24.34 -0.69 0.46	25.71 -0.66 0.15	26.60 -0.68 1.13	30.39 -0.66 0.22	30.18 -0.72 0.51	30.95 -0.70 0.24	32.92 -0.87 1.03	36.70 -0.98 1.49	39.95 -1.07 3.57	40.98 -1.26 1.08	36.21 -0.66 0.00	34.74 -0.78 0.00	31.53 -0.80 -0.20	28.96 -0.56 0.00	26.86 -0.58 0.00
QUENSBRY_115KV_TB8 356137	31.85 2.13 0.29	27.43 1.75 0.02	25.28 1.62 0.20	24.97 1.65 0.22	24.34 1.57 -0.30	23.95 1.53 -0.25	22.41 1.47 0.00	23.17 1.45 0.00	24.74 1.66 0.00	29.63 2.06 -2.07	29.47 2.28 -0.67	35.91 2.42 -5.08	34.96 2.72 -0.98	36.27 2.58 -2.28	35.65 2.68 -1.08	42.25 2.82 -4.61	49.53 3.13 -7.22	65.52 3.66 -17.26	51.99 3.46 -5.21	39.86 2.99 0.00	38.40 2.88 0.00	41.01 2.60 -6.27	31.77 2.24 0.00	29.30 1.87 0.00
RAMAPO___LBMP 323565	31.76 2.01 0.26	27.38 1.70 0.02	25.33 1.65 0.18	24.90 1.55 0.20	24.13 1.46 -0.19	23.80 1.44 -0.18	22.31 1.36 0.00	23.25 1.54 0.00	24.72 1.64 0.00	27.76 1.86 -0.41	28.56 1.91 -0.13	31.38 1.96 -1.01	33.58 2.13 -0.19	34.07 2.20 -0.45	34.28 2.17 -0.21	38.18 2.44 -0.92	43.32 2.66 -1.48	51.17 3.03 -3.54	47.11 2.73 -1.07	38.83 1.95 0.00	37.37 1.85 0.00	35.94 1.96 -1.85	31.35 1.83 0.00	29.25 1.81 0.00
RANKINE____ 23646	29.14 -0.48 0.38	25.70 0.03 0.03	23.19 -0.41 0.27	22.76 -0.49 0.29	22.01 -0.49 -0.03	21.73 -0.49 -0.04	20.73 -0.21 0.00	21.30 -0.41 0.00	22.67 -0.42 0.00	24.75 -0.33 0.41	26.01 -0.37 0.13	27.18 -0.23 1.01	30.85 -0.22 0.19	30.49 -0.47 0.45	31.33 -0.35 0.21	33.25 -0.66 0.91	37.03 -0.82 1.32	40.60 -0.85 3.15	41.10 -1.26 0.95	36.62 -0.26 0.00	35.17 -0.36 0.00	31.99 -0.45 -0.31	29.52 0.00 0.00	27.41 -0.03 0.00
RAVENSWOOD_GT2_1 24244	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.70 2.79 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.13 2.25 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD_GT2_2 24245	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.70 2.79 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.13 2.25 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD_GT2_3 24246	32.33 2.58 0.26	27.76 2.08 0.02	25.76 2.08 0.18	25.30 1.95 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.69 1.98 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.10 2.44 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.74 2.83 -0.49	34.90 2.77 -0.23	38.96 3.14 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	48.03 3.55 -1.16	39.16 2.29 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD_GT2_4 24247	32.33 2.58 0.26	27.76 2.08 0.02	25.76 2.08 0.18	25.30 1.95 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.69 1.98 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.10 2.44 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.74 2.83 -0.49	34.90 2.77 -0.23	38.96 3.14 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	48.03 3.55 -1.16	39.16 2.29 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD_GT3_1 24248	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.70 2.79 -0.49	34.90 2.77 -0.23	38.96 3.14 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.13 2.25 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD_GT3_2 24249	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.70 2.79 -0.49	34.90 2.77 -0.23	38.96 3.14 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.13 2.25 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD_GT3_3 24250	32.36 2.61 0.26	27.84 2.16 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.54 1.87 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.97 2.84 -0.23	39.02 3.20 -1.00	44.27 3.49 -1.61	52.33 3.88 -3.85	48.07 3.59 -1.16	39.35 2.47 0.00	37.90 2.38 0.00	36.59 2.51 -1.95	31.97 2.45 0.00	29.82 2.39 0.00
RAVENSWOOD_GT3_4 24251	32.35 2.61 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.54 1.86 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.97 2.84 -0.23	39.02 3.20 -1.00	44.27 3.49 -1.61	52.33 3.88 -3.85	48.11 3.64 -1.16	39.20 2.32 0.00	37.90 2.38 0.00	36.59 2.51 -1.95	31.94 2.42 0.00	29.82 2.39 0.00
RAVENSWOOD_GT_1 23729	32.45 2.70 0.26	27.82 2.13 0.02	25.80 2.12 0.18	25.34 2.00 0.20	24.58 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.75 2.04 0.00	25.18 2.10 0.00	28.41 2.47 -0.45	29.18 2.52 -0.15	32.13 2.61 -1.10	34.38 2.91 -0.21	34.86 2.95 -0.49	35.06 2.93 -0.23	39.14 3.31 -1.01	44.27 3.49 -1.61	52.20 3.75 -3.85	48.07 3.59 -1.16	39.13 2.25 0.00	37.94 2.42 0.00	36.68 2.60 -1.95	32.00 2.48 0.00	29.91 2.47 0.00
RAVENSWOOD_GT_10 24258	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.80 2.36 0.00
RAVENSWOOD_GT_11 24259	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.70 2.79 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.13 2.25 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00



RAVENSWOOD_GT_4 24252	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.87 2.74 -0.23	38.88 3.06 -1.00	44.19 3.41 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.77 2.33 0.00
RAVENSWOOD_GT_5 24254	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.87 2.74 -0.23	38.88 3.06 -1.00	44.19 3.41 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.77 2.33 0.00
RAVENSWOOD_GT_6 24253	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.87 2.74 -0.23	38.88 3.06 -1.00	44.19 3.41 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.77 2.33 0.00
RAVENSWOOD_GT_7 24255	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.87 2.74 -0.23	38.88 3.06 -1.00	44.19 3.41 -1.61	52.29 3.84 -3.85	48.03 3.55 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.77 2.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.71 2.80 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.31 2.43 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.91 2.39 0.00	29.80 2.36 0.00
RAVENSWOOD_GT_9 24257	32.29 2.55 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.70 2.79 -0.49	34.90 2.77 -0.23	38.92 3.10 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.13 2.25 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD___1 23533	32.42 2.67 0.26	27.79 2.11 0.02	25.78 2.10 0.18	25.32 1.98 0.20	24.56 1.89 -0.20	24.20 1.84 -0.19	22.68 1.74 0.00	23.73 2.02 0.00	25.16 2.08 0.00	28.39 2.45 -0.45	29.16 2.49 -0.15	32.10 2.59 -1.10	34.35 2.87 -0.21	34.83 2.92 -0.49	35.03 2.90 -0.23	39.10 3.27 -1.01	44.23 3.45 -1.61	52.15 3.70 -3.85	48.03 3.55 -1.16	39.13 2.25 0.00	37.90 2.38 0.00	36.65 2.57 -1.95	31.97 2.45 0.00	29.88 2.44 0.00
RAVENSWOOD___2 23534	32.33 2.58 0.26	27.74 2.06 0.02	25.73 2.05 0.18	25.27 1.93 0.20	24.49 1.82 -0.20	24.16 1.80 -0.19	22.64 1.70 0.00	23.69 1.98 0.00	25.11 2.03 0.00	28.34 2.40 -0.45	29.10 2.44 -0.15	32.04 2.53 -1.10	34.29 2.81 -0.21	34.77 2.86 -0.49	34.94 2.81 -0.23	39.03 3.20 -1.01	43.96 3.17 -1.61	51.75 3.30 -3.85	47.68 3.20 -1.16	38.98 2.10 0.00	37.83 2.31 0.00	36.59 2.51 -1.95	31.91 2.39 0.00	29.80 2.36 0.00
RAVENSWOOD___3 23535	32.33 2.58 0.26	27.76 2.08 0.02	25.73 2.05 0.18	25.30 1.95 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.96 0.00	25.11 2.03 0.00	28.31 2.37 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.23 2.75 -0.21	34.74 2.83 -0.49	34.90 2.77 -0.23	38.96 3.14 -1.00	44.19 3.41 -1.61	52.24 3.79 -3.85	47.98 3.51 -1.16	39.13 2.25 0.00	37.83 2.31 0.00	36.52 2.44 -1.95	31.88 2.36 0.00	29.80 2.36 0.00
RAVENSWOOD___4 23820	32.39 2.64 0.26	27.76 2.08 0.02	25.78 2.10 0.18	25.30 1.95 0.20	24.54 1.86 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.32 2.84 -0.21	34.80 2.89 -0.49	35.00 2.87 -0.23	39.07 3.24 -1.01	44.19 3.41 -1.61	52.11 3.66 -3.85	47.98 3.51 -1.16	39.09 2.21 0.00	37.87 2.34 0.00	36.62 2.54 -1.95	31.94 2.42 0.00	29.85 2.42 0.00
RCPI_TRUST___DRP 24196	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.30 1.95 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.14 2.05 0.00	28.34 2.40 -0.45	29.10 2.44 -0.15	32.04 2.53 -1.10	34.29 2.81 -0.21	34.74 2.83 -0.49	34.93 2.81 -0.23	38.96 3.13 -1.00	44.23 3.45 -1.61	52.33 3.88 -3.85	48.03 3.55 -1.16	39.35 2.47 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.91 2.39 0.00	29.80 2.36 0.00
RED___ROCHESTER 323720	29.99 0.39 0.41	26.11 0.44 0.03	23.82 0.24 0.28	23.42 0.19 0.31	22.43 -0.07 -0.03	22.08 -0.13 -0.03	21.01 0.06 0.00	21.65 -0.06 0.00	23.04 -0.05 0.00	25.08 0.05 0.46	26.48 0.11 0.15	27.49 0.20 1.12	31.36 0.31 0.22	31.13 0.22 0.50	31.94 0.29 0.24	33.94 0.14 1.02	37.97 0.28 1.48	41.37 0.31 3.54	42.28 0.04 1.07	37.95 1.07 0.00	35.91 0.39 0.00	32.57 0.23 -0.21	30.08 0.56 0.00	27.74 0.30 0.00
REGAN___SOLAR 323812	33.70 3.99 0.30	29.05 3.37 0.02	26.64 2.98 0.21	26.28 2.97 0.23	25.65 2.85 -0.33	25.25 2.79 -0.28	23.56 2.62 0.00	24.19 2.47 0.00	25.62 2.54 0.00	30.24 2.85 -1.89	30.13 3.00 -0.61	36.18 3.13 -4.64	35.60 3.44 -0.89	36.86 3.36 -2.08	36.45 3.57 -0.98	42.79 3.76 -4.21	50.32 4.54 -6.60	66.32 5.93 -15.79	54.27 6.19 -4.77	42.52 5.64 0.00	41.06 5.54 0.00	42.96 4.98 -5.85	33.86 4.34 0.00	31.09 3.65 0.00
RENSSELAER___COGEN 23796	30.84 1.11 0.28	26.61 0.92 0.02	24.60 0.93 0.20	24.29 0.97 0.22	23.64 0.90 -0.27	23.30 0.89 -0.24	21.78 0.84 0.00	22.54 0.82 0.00	23.94 0.85 0.00	27.82 1.02 -1.31	28.01 1.06 -0.42	32.74 1.11 -3.22	33.13 1.25 -0.62	34.11 1.26 -1.44	33.85 1.28 -0.68	39.10 1.36 -2.92	45.21 1.45 -4.59	57.18 1.60 -10.97	48.14 1.52 -3.31	37.98 1.11 0.00	36.62 1.10 0.00	37.49 1.12 -4.23	30.49 0.97 0.00	28.40 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.19 4.47 0.29	29.36 3.68 0.02	26.98 3.32 0.20	26.64 3.32 0.22	25.98 3.21 -0.30	25.55 3.13 -0.25	23.98 3.04 0.00	24.73 3.02 0.00	26.57 3.49 0.00	31.89 4.33 -2.07	31.91 4.72 -0.67	38.50 5.03 -5.06	37.83 5.60 -0.97	38.96 5.28 -2.27	38.39 5.42 -1.07	45.20 5.78 -4.59	52.79 6.42 -7.19	69.29 7.49 -17.20	55.65 7.15 -5.19	43.11 6.23 0.00	41.63 6.11 0.00	43.78 5.40 -6.25	34.19 4.66 0.00	31.36 3.92 0.00

REVERE_CPPR_DRP 24186	30.77 1.14 0.38	26.75 1.08 0.03	24.46 0.86 0.27	24.05 0.80 0.29	23.20 0.72 -0.01	22.93 0.73 -0.02	21.51 0.57 0.00	22.28 0.56 0.00	23.68 0.60 0.00	25.60 0.69 0.58	27.10 0.77 0.19	27.87 0.88 1.42	32.02 1.03 0.27	31.81 1.04 0.64	32.65 1.05 0.30	34.68 1.15 1.29	38.52 1.21 1.87	41.74 1.61 4.47	43.82 1.86 1.35	38.68 1.81 0.00	37.08 1.56 0.00	33.19 1.06 0.00	30.47 0.94 0.00	28.26 0.82 0.00
REYNOLDS_115KV_TB3 80639	31.04 1.32 0.28	26.81 1.13 0.02	24.81 1.15 0.20	24.48 1.15 0.22	23.82 1.08 -0.27	23.48 1.06 -0.24	21.95 1.01 0.00	22.69 0.98 0.00	24.12 1.04 0.00	28.12 1.22 -1.40	28.25 1.27 -0.45	33.22 1.36 -3.44	33.43 1.50 -0.66	34.46 1.51 -1.54	34.16 1.53 -0.73	39.58 1.64 -3.12	45.84 1.76 -4.91	58.29 1.96 -11.73	48.67 1.82 -3.54	38.35 1.48 0.00	36.91 1.39 0.00	37.96 1.35 -4.48	30.76 1.24 0.00	28.62 1.18 0.00
RIVERBAY____ 323610	33.02 3.27 0.25	28.36 2.67 0.01	26.29 2.60 0.18	25.80 2.45 0.19	25.02 2.34 -0.21	24.63 2.26 -0.19	23.07 2.12 -0.01	24.17 2.45 -0.01	25.53 2.45 0.00	28.82 2.88 -0.45	29.61 2.94 -0.15	32.58 3.07 -1.10	34.89 3.41 -0.22	35.40 3.49 -0.50	35.58 3.44 -0.24	39.70 3.87 -1.01	44.95 4.15 -1.62	52.87 4.42 -3.85	48.77 4.29 -1.17	39.79 2.91 0.00	38.40 2.88 0.00	37.18 3.08 -1.96	32.51 2.98 -0.01	30.35 2.91 -0.01
RIVERSDE_115KV_TB3 55908	30.98 1.26 0.28	26.74 1.05 0.02	24.74 1.07 0.20	24.41 1.08 0.22	23.78 1.03 -0.28	23.41 1.00 -0.24	21.89 0.94 0.00	22.65 0.93 0.00	24.05 0.97 0.00	28.09 1.17 -1.43	28.20 1.22 -0.46	33.22 1.31 -3.50	33.37 1.44 -0.67	34.43 1.45 -1.57	34.10 1.47 -0.74	39.56 1.57 -3.17	45.84 1.68 -4.98	58.39 1.87 -11.92	48.64 1.73 -3.60	38.28 1.40 0.00	36.84 1.31 0.00	37.96 1.29 -4.54	30.70 1.18 0.00	28.56 1.12 0.00
ROARING__BROOK_WT_PWR 323790	29.18 -0.48 0.35	25.26 -0.41 0.03	23.24 -0.38 0.24	22.90 -0.38 0.27	22.11 -0.36 0.00	21.86 -0.33 -0.01	20.67 -0.27 0.00	21.39 -0.33 0.00	22.71 -0.37 0.00	24.55 -0.43 0.51	25.93 -0.43 0.16	26.75 -0.43 1.24	30.56 -0.47 0.24	30.39 -0.47 0.56	31.12 -0.51 0.26	33.14 -0.56 1.13	37.10 -0.47 1.61	40.26 -0.49 3.85	41.76 -0.39 1.16	36.62 -0.26 0.00	35.10 -0.42 0.00	31.68 -0.45 0.00	29.05 -0.47 0.00	26.97 -0.47 0.00
ROCHESRG_115KV_T4 355643	29.60 0.00 0.41	25.67 0.00 0.03	23.53 -0.05 0.29	23.14 -0.09 0.31	22.18 -0.31 -0.03	21.85 -0.35 -0.03	20.78 -0.17 0.00	21.41 -0.30 0.00	22.73 -0.35 0.00	24.75 -0.28 0.46	26.10 -0.27 0.15	27.09 -0.20 1.13	30.89 -0.16 0.22	30.66 -0.25 0.50	31.46 -0.19 0.24	33.45 -0.35 1.02	37.30 -0.39 1.48	40.60 -0.45 3.55	41.59 -0.65 1.07	36.84 -0.04 0.00	35.34 -0.18 0.00	32.05 -0.29 -0.21	29.52 0.00 0.00	27.38 -0.05 0.00
ROCHESTER_9_IC 23652	29.81 0.21 0.41	25.85 0.18 0.03	23.70 0.12 0.28	23.30 0.07 0.31	22.32 -0.18 -0.03	21.99 -0.22 -0.03	20.90 -0.04 0.00	21.54 -0.17 0.00	22.90 -0.18 0.00	24.93 -0.10 0.46	26.32 -0.05 0.15	27.29 0.00 1.12	31.14 0.09 0.22	30.91 0.00 0.50	31.72 0.06 0.24	33.73 -0.07 1.02	37.66 -0.04 1.48	41.02 -0.04 3.54	41.94 -0.30 1.07	37.13 0.26 0.00	35.66 0.14 0.00	32.31 -0.03 -0.21	29.76 0.24 0.00	27.57 0.14 0.00
ROCKVIEW_13_KV_LD 356306	32.27 2.52 0.26	27.77 2.08 0.02	25.69 2.00 0.18	25.25 1.91 0.20	24.50 1.82 -0.20	24.16 1.80 -0.19	22.62 1.68 0.00	23.62 1.91 0.00	25.09 2.01 0.00	28.29 2.35 -0.45	29.08 2.41 -0.15	32.02 2.50 -1.10	34.26 2.78 -0.21	34.74 2.83 -0.49	34.93 2.81 -0.23	38.96 3.13 -1.00	44.27 3.49 -1.61	52.38 3.92 -3.85	48.11 3.64 -1.16	39.49 2.62 0.00	38.01 2.49 0.00	36.62 2.54 -1.95	31.91 2.39 0.00	29.74 2.30 0.00
ROME____115KV_TB2 80656	30.77 1.14 0.38	26.75 1.08 0.03	24.46 0.86 0.27	24.05 0.80 0.29	23.20 0.72 -0.01	22.93 0.73 -0.02	21.51 0.57 0.00	22.28 0.56 0.00	23.68 0.60 0.00	25.60 0.69 0.58	27.10 0.77 0.19	27.87 0.88 1.42	32.02 1.03 0.27	31.81 1.04 0.64	32.65 1.05 0.30	34.68 1.15 1.29	38.52 1.21 1.87	41.74 1.61 4.47	43.82 1.86 1.35	38.68 1.81 0.00	37.08 1.56 0.00	33.19 1.06 0.00	30.47 0.94 0.00	28.26 0.82 0.00
ROSETON____1 23587	31.67 1.92 0.26	27.28 1.59 0.02	25.26 1.57 0.18	24.85 1.51 0.20	24.11 1.44 -0.20	23.78 1.42 -0.19	22.26 1.32 0.00	23.19 1.48 0.00	24.60 1.52 0.00	27.69 1.76 -0.45	28.47 1.80 -0.14	31.38 1.87 -1.09	33.48 2.00 -0.21	33.98 2.07 -0.49	34.17 2.04 -0.23	38.07 2.26 -0.99	43.24 2.47 -1.59	51.18 2.77 -3.81	47.02 2.55 -1.15	38.57 1.70 0.00	37.30 1.78 0.00	35.90 1.83 -1.94	31.20 1.68 0.00	29.17 1.73 0.00
ROSETON____2 23588	31.67 1.92 0.26	27.28 1.59 0.02	25.26 1.57 0.18	24.85 1.51 0.20	24.11 1.44 -0.20	23.78 1.42 -0.19	22.26 1.32 0.00	23.19 1.48 0.00	24.60 1.52 0.00	27.69 1.76 -0.45	28.47 1.80 -0.14	31.38 1.87 -1.09	33.48 2.00 -0.21	33.98 2.07 -0.49	34.17 2.04 -0.23	38.07 2.26 -0.99	43.24 2.47 -1.59	51.18 2.77 -3.81	47.02 2.55 -1.15	38.57 1.70 0.00	37.30 1.78 0.00	35.90 1.83 -1.94	31.20 1.68 0.00	29.17 1.73 0.00
ROTTTRDAM_115KV_TB3 80664	31.24 1.53 0.29	26.97 1.29 0.02	24.88 1.22 0.21	24.54 1.22 0.23	23.94 1.17 -0.30	23.58 1.15 -0.25	22.01 1.07 0.00	22.80 1.09 0.00	24.24 1.15 0.00	29.04 1.35 -2.20	28.66 1.43 -0.71	35.32 1.51 -5.40	33.99 1.69 -1.04	35.50 1.66 -2.42	34.73 1.69 -1.15	41.57 1.85 -4.90	48.88 2.04 -7.67	65.25 2.32 -18.33	51.01 2.17 -5.54	38.68 1.81 0.00	37.23 1.71 0.00	40.39 1.64 -6.62	31.00 1.48 0.00	28.78 1.34 0.00
RUSSELL____1 23602	29.99 0.39 0.41	26.01 0.33 0.03	23.82 0.24 0.28	23.42 0.19 0.31	22.43 -0.07 -0.03	22.07 -0.13 -0.03	21.01 0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	25.08 0.05 0.46	26.48 0.11 0.15	27.49 0.20 1.12	31.36 0.31 0.22	31.16 0.25 0.50	31.94 0.29 0.24	33.98 0.17 1.02	37.97 0.27 1.48	41.37 0.31 3.54	42.28 0.04 1.07	37.43 0.55 0.00	35.91 0.39 0.00	32.57 0.22 -0.21	29.96 0.44 0.00	27.74 0.30 0.00
RUSSELL____2 23532	29.99 0.39 0.41	26.01 0.33 0.03	23.82 0.24 0.28	23.42 0.19 0.31	22.43 -0.07 -0.03	22.07 -0.13 -0.03	21.01 0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	25.08 0.05 0.46	26.48 0.11 0.15	27.49 0.20 1.12	31.36 0.31 0.22	31.16 0.25 0.50	31.94 0.29 0.24	33.98 0.17 1.02	37.97 0.27 1.48	41.37 0.31 3.54	42.28 0.04 1.07	37.43 0.55 0.00	35.91 0.39 0.00	32.57 0.22 -0.21	29.96 0.44 0.00	27.74 0.30 0.00
RUSSELL____3 23549	29.99 0.39 0.41	26.01 0.33 0.03	23.82 0.24 0.28	23.42 0.19 0.31	22.43 -0.07 -0.03	22.07 -0.13 -0.03	21.01 0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	25.08 0.05 0.46	26.48 0.11 0.15	27.49 0.20 1.12	31.36 0.31 0.22	31.16 0.25 0.50	31.94 0.29 0.24	33.98 0.17 1.02	37.97 0.27 1.48	41.37 0.31 3.54	42.28 0.04 1.07	37.43 0.55 0.00	35.91 0.39 0.00	32.57 0.22 -0.21	29.96 0.44 0.00	27.74 0.30 0.00

RUSSELL___4 23556	29.99 0.39 0.41	26.01 0.33 0.03	23.82 0.24 0.28	23.42 0.19 0.31	22.43 -0.07 -0.03	22.07 -0.13 -0.03	21.01 0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	25.08 0.05 0.46	26.48 0.11 0.15	27.49 0.20 1.12	31.36 0.31 0.22	31.16 0.25 0.50	31.94 0.29 0.24	33.98 0.17 1.02	37.97 0.27 1.48	41.37 0.31 3.54	42.28 0.04 1.07	37.43 0.55 0.00	35.91 0.39 0.00	32.57 0.22 -0.21	29.96 0.44 0.00	27.74 0.30 0.00
RUSSELL___STATION 23914	29.99 0.39 0.41	26.01 0.33 0.03	23.82 0.24 0.28	23.42 0.19 0.31	22.43 -0.07 -0.03	22.07 -0.13 -0.03	21.01 0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	25.08 0.05 0.46	26.48 0.11 0.15	27.49 0.20 1.12	31.36 0.31 0.22	31.16 0.25 0.50	31.94 0.29 0.24	33.98 0.17 1.02	37.97 0.27 1.48	41.37 0.31 3.54	42.28 0.04 1.07	37.43 0.55 0.00	35.91 0.39 0.00	32.57 0.22 -0.21	29.96 0.44 0.00	27.74 0.30 0.00
S SALMON___HYD 24043	29.73 -0.15 0.13	25.62 -0.08 0.01	23.58 -0.19 0.09	23.21 -0.24 0.10	22.24 -0.25 -0.02	21.96 -0.24 -0.02	20.67 -0.27 0.00	21.39 -0.33 0.00	22.71 -0.37 0.00	24.61 -0.41 0.47	26.02 -0.35 0.15	26.93 -0.34 1.15	30.67 -0.37 0.22	30.49 -0.41 0.51	31.27 -0.38 0.24	33.37 -0.42 1.04	37.14 -0.51 1.53	40.45 -0.49 3.66	41.91 -0.30 1.10	36.95 0.07 0.00	35.34 -0.18 0.00	31.87 -0.26 0.00	29.28 -0.24 0.00	27.14 -0.30 0.00
S.PERRY___115KV_TB1 80734	30.90 1.26 0.37	26.88 1.21 0.03	24.47 0.86 0.26	24.08 0.82 0.28	23.11 0.61 -0.03	22.77 0.55 -0.04	21.51 0.57 0.00	21.89 0.17 0.00	22.99 -0.09 0.00	24.91 -0.18 0.40	26.10 -0.29 0.13	27.20 -0.23 0.99	30.89 -0.19 0.19	30.72 -0.25 0.44	31.62 -0.06 0.21	33.75 -0.17 0.90	37.84 -0.04 1.30	41.99 0.49 3.10	43.20 0.82 0.94	38.72 1.84 0.00	37.30 1.78 0.00	33.80 1.35 -0.32	30.94 1.42 0.00	28.67 1.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.05 -0.57 0.39	25.47 -0.21 0.03	23.14 -0.45 0.27	22.70 -0.54 0.30	21.83 -0.67 -0.03	21.55 -0.67 -0.04	20.57 -0.38 0.00	21.11 -0.61 0.00	22.41 -0.67 0.00	24.46 -0.61 0.42	25.72 -0.66 0.14	26.85 -0.54 1.03	30.50 -0.56 0.20	30.11 -0.85 0.46	30.94 -0.73 0.22	32.85 -1.04 0.93	36.58 -1.25 1.34	39.96 -1.43 3.22	40.52 -1.82 0.97	36.18 -0.70 0.00	34.74 -0.78 0.00	31.59 -0.84 -0.29	29.23 -0.30 0.00	27.14 -0.30 0.00
SAWYER___23_KV_LOAD 55526	29.05 -0.57 0.39	25.47 -0.21 0.03	23.14 -0.45 0.27	22.70 -0.54 0.30	21.83 -0.67 -0.03	21.55 -0.67 -0.04	20.57 -0.38 0.00	21.11 -0.61 0.00	22.41 -0.67 0.00	24.46 -0.61 0.42	25.72 -0.66 0.14	26.85 -0.54 1.03	30.50 -0.56 0.20	30.11 -0.85 0.46	30.94 -0.73 0.22	32.85 -1.04 0.93	36.58 -1.25 1.34	39.96 -1.43 3.22	40.52 -1.82 0.97	36.18 -0.70 0.00	34.74 -0.78 0.00	31.59 -0.84 -0.29	29.23 -0.30 0.00	27.14 -0.30 0.00
SELKIRK___I 23801	31.20 1.47 0.28	26.92 1.23 0.02	24.86 1.19 0.19	24.55 1.22 0.21	23.90 1.17 -0.26	23.56 1.15 -0.23	22.01 1.07 0.00	22.76 1.04 0.00	24.17 1.09 0.00	27.84 1.27 -1.08	28.19 1.33 -0.35	32.47 1.42 -2.64	33.33 1.56 -0.51	34.17 1.57 -1.18	34.05 1.59 -0.56	38.89 1.67 -2.40	44.79 1.84 -3.78	55.68 2.05 -9.03	47.94 1.90 -2.73	38.39 1.51 0.00	37.01 1.49 0.00	37.18 1.45 -3.60	30.82 1.30 0.00	28.70 1.26 0.00
SELKIRK___II 23799	30.93 1.20 0.28	26.68 1.00 0.02	24.67 1.00 0.20	24.34 1.01 0.22	23.71 0.97 -0.27	23.37 0.95 -0.23	21.82 0.88 0.00	22.58 0.87 0.00	23.98 0.90 0.00	27.70 1.07 -1.14	28.00 1.11 -0.37	32.36 1.17 -2.79	33.08 1.28 -0.54	33.95 1.29 -1.25	33.79 1.31 -0.59	38.78 1.43 -2.53	44.68 1.53 -3.98	55.82 1.69 -9.52	47.74 1.56 -2.88	38.06 1.18 0.00	36.69 1.17 0.00	37.05 1.16 -3.76	30.58 1.06 0.00	28.48 1.04 0.00
SENECA OSWGO___HYD 24041	29.60 -0.36 0.05	25.42 -0.28 0.00	23.50 -0.33 0.04	23.15 -0.35 0.04	22.15 -0.34 -0.02	21.84 -0.36 -0.02	20.61 -0.34 0.00	21.37 -0.35 0.00	22.71 -0.37 0.00	24.60 -0.41 0.48	25.97 -0.40 0.15	26.82 -0.43 1.17	30.60 -0.44 0.22	30.42 -0.47 0.52	31.20 -0.45 0.25	33.24 -0.52 1.06	37.04 -0.59 1.55	40.27 -0.62 3.70	41.63 -0.56 1.12	36.69 -0.18 0.00	35.06 -0.46 0.00	31.59 -0.55 0.00	29.08 -0.44 0.00	27.00 -0.44 0.00
SENECA___115KV_TB3 355854	29.20 -0.42 0.38	25.72 0.05 0.03	23.24 -0.36 0.27	22.80 -0.45 0.29	22.06 -0.45 -0.03	21.75 -0.47 -0.04	20.78 -0.17 0.00	21.34 -0.37 0.00	22.69 -0.39 0.00	24.80 -0.28 0.41	26.07 -0.32 0.13	27.24 -0.17 1.01	30.91 -0.16 0.19	30.56 -0.41 0.45	31.39 -0.29 0.21	33.32 -0.59 0.91	37.11 -0.74 1.32	40.69 -0.76 3.15	41.15 -1.21 0.95	36.69 -0.18 0.00	35.24 -0.28 0.00	32.05 -0.39 -0.31	29.58 0.06 0.00	27.46 0.03 0.00
SENECA___ENERGY 23797	29.97 0.21 0.25	25.92 0.23 0.02	23.74 0.05 0.17	23.35 0.00 0.19	22.45 -0.04 -0.03	22.14 -0.07 -0.03	20.94 0.00 0.00	21.67 -0.04 0.00	23.06 -0.02 0.00	25.05 0.00 0.44	26.43 0.05 0.14	27.42 0.09 1.08	31.21 0.16 0.21	31.06 0.13 0.49	31.86 0.19 0.23	33.91 0.07 0.98	37.87 0.12 1.43	41.46 0.27 3.41	42.63 0.34 1.03	37.65 0.78 0.00	35.84 0.32 0.00	32.55 0.19 -0.23	29.82 0.30 0.00	27.63 0.19 0.00
SHOEMAKER___GT 23640	31.49 1.74 0.25	27.12 1.44 0.02	25.09 1.41 0.18	24.69 1.34 0.20	23.91 1.26 -0.18	23.58 1.24 -0.17	22.10 1.15 0.00	22.93 1.22 0.00	24.35 1.27 0.00	27.28 1.43 -0.37	28.09 1.46 -0.12	30.82 1.50 -0.90	33.03 1.59 -0.17	33.48 1.66 -0.40	33.71 1.63 -0.19	37.48 1.84 -0.82	42.49 2.00 -1.32	50.03 2.27 -3.16	46.39 2.12 -0.95	38.28 1.40 0.00	36.98 1.46 0.00	35.40 1.54 -1.73	30.97 1.45 0.00	28.89 1.45 0.00
SHOEMAKR_138KV_BK 111 55601	31.49 1.74 0.25	27.12 1.44 0.02	25.10 1.41 0.18	24.69 1.34 0.20	23.91 1.26 -0.18	23.56 1.22 -0.16	22.10 1.15 0.00	22.95 1.24 0.00	24.37 1.29 0.00	27.30 1.45 -0.36	28.12 1.49 -0.12	30.83 1.53 -0.88	33.09 1.66 -0.17	33.51 1.70 -0.40	33.74 1.66 -0.19	37.47 1.85 -0.80	42.51 2.04 -1.30	50.03 2.32 -3.11	46.42 2.17 -0.94	38.46 1.59 0.00	37.01 1.49 0.00	35.39 1.54 -1.71	31.00 1.48 0.00	28.89 1.45 0.00
SHOREHAM_IC_1 23715	36.17 3.48 -2.68	35.09 2.95 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.47 2.24 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.21	40.68 3.41 -6.01	43.72 3.55 -8.76	44.93 3.51 -9.53	50.46 4.04 -11.60	51.25 4.50 -7.57	59.26 4.95 -9.71	63.76 4.68 -15.77	52.37 3.54 -11.95	51.09 3.44 -12.13	50.45 3.31 -15.01	42.64 3.31 -9.81	37.46 3.24 -6.79
SHOREHAM_IC_2 23716	36.17 3.48 -2.68	35.09 2.95 -6.43	33.16 2.72 -6.58	30.93 2.57 -4.82	30.63 2.43 -5.73	30.62 2.40 -6.05	29.47 2.24 -6.28	30.87 2.50 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.21	40.68 3.41 -6.01	43.72 3.55 -8.76	44.93 3.51 -9.53	50.46 4.04 -11.60	51.25 4.50 -7.57	59.26 4.95 -9.71	63.76 4.68 -15.77	52.37 3.54 -11.95	51.09 3.44 -12.13	50.45 3.31 -15.01	42.64 3.31 -9.81	37.46 3.24 -6.79

SISSONVILLE____ 23735	28.69 -1.17 0.15	24.74 -0.95 0.01	22.76 -1.00 0.11	22.44 -0.99 0.12	21.53 -0.94 0.00	21.28 -0.91 -0.01	20.04 -0.90 0.00	20.76 -0.96 0.00	22.13 -0.95 0.00	24.11 -1.17 0.21	25.26 -1.19 0.07	26.68 -1.22 0.52	29.85 -1.31 0.10	29.86 -1.32 0.23	30.45 -1.34 0.11	32.96 -1.39 0.47	36.89 -1.45 0.83	41.00 -1.61 1.99	41.50 -1.21 0.60	35.84 -1.03 0.00	34.42 -1.10 0.00	30.94 -1.19 0.00	28.28 -1.24 0.00	26.17 -1.26 0.00
SITHE_IND_GS1 24169	27.93 -0.75 1.33	24.98 -0.62 0.11	22.31 -0.62 0.93	21.91 -0.61 1.02	21.88 -0.61 -0.01	21.60 -0.60 -0.02	20.42 -0.52 0.00	21.15 -0.56 0.00	22.48 -0.60 0.00	24.34 -0.66 0.49	25.70 -0.66 0.16	26.50 -0.71 1.20	30.25 -0.78 0.23	30.06 -0.82 0.54	30.84 -0.80 0.25	32.83 -0.91 1.09	36.56 -1.02 1.59	39.63 -1.16 3.81	41.03 -1.13 1.15	36.17 -0.70 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.75 -0.77 0.00	26.70 -0.74 0.00
SITHE_IND_GS2 24170	27.93 -0.75 1.33	24.98 -0.62 0.11	22.31 -0.62 0.93	21.91 -0.61 1.02	21.88 -0.61 -0.01	21.60 -0.60 -0.02	20.42 -0.52 0.00	21.15 -0.56 0.00	22.48 -0.60 0.00	24.34 -0.66 0.49	25.70 -0.66 0.16	26.50 -0.71 1.20	30.25 -0.78 0.23	30.06 -0.82 0.54	30.84 -0.80 0.25	32.83 -0.91 1.09	36.56 -1.02 1.59	39.63 -1.16 3.81	41.03 -1.13 1.15	36.17 -0.70 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.75 -0.77 0.00	26.70 -0.74 0.00
SITHE_IND_GS3 24171	27.93 -0.75 1.33	24.98 -0.62 0.11	22.31 -0.62 0.93	21.91 -0.61 1.02	21.88 -0.61 -0.01	21.60 -0.60 -0.02	20.42 -0.52 0.00	21.15 -0.56 0.00	22.48 -0.60 0.00	24.34 -0.66 0.49	25.70 -0.66 0.16	26.50 -0.71 1.20	30.25 -0.78 0.23	30.06 -0.82 0.54	30.84 -0.80 0.25	32.83 -0.91 1.09	36.56 -1.02 1.59	39.63 -1.16 3.81	41.03 -1.13 1.15	36.17 -0.70 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.75 -0.77 0.00	26.70 -0.74 0.00
SITHE_IND_GS4 24172	27.93 -0.75 1.33	24.98 -0.62 0.11	22.31 -0.62 0.93	21.91 -0.61 1.02	21.88 -0.61 -0.01	21.60 -0.60 -0.02	20.42 -0.52 0.00	21.15 -0.56 0.00	22.48 -0.60 0.00	24.34 -0.66 0.49	25.70 -0.66 0.16	26.50 -0.71 1.20	30.25 -0.78 0.23	30.06 -0.82 0.54	30.84 -0.80 0.25	32.83 -0.91 1.09	36.56 -1.02 1.59	39.63 -1.16 3.81	41.03 -1.13 1.15	36.17 -0.70 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.75 -0.77 0.00	26.70 -0.74 0.00
SITHE____BATAVIA 24024	29.94 0.33 0.40	26.26 0.59 0.03	23.80 0.21 0.28	23.38 0.14 0.30	22.39 -0.11 -0.03	22.06 -0.15 -0.03	21.09 0.15 0.00	21.61 -0.11 0.00	22.92 -0.16 0.00	24.95 -0.10 0.44	26.27 -0.11 0.14	27.34 0.00 1.07	31.15 0.09 0.21	30.87 -0.06 0.48	31.70 0.03 0.23	33.64 -0.21 0.97	37.65 -0.12 1.41	41.14 -0.09 3.37	41.94 -0.35 1.02	38.09 1.22 0.00	35.88 0.36 0.00	32.55 0.16 -0.25	30.23 0.71 0.00	27.85 0.41 0.00
SITHE____INDEPEND 23800	27.93 -0.75 1.33	24.98 -0.62 0.11	22.31 -0.62 0.93	21.91 -0.61 1.02	21.88 -0.61 -0.01	21.60 -0.60 -0.02	20.42 -0.52 0.00	21.15 -0.56 0.00	22.46 -0.62 0.00	24.34 -0.66 0.49	25.70 -0.66 0.16	26.50 -0.71 1.20	30.25 -0.78 0.23	30.06 -0.82 0.54	30.84 -0.80 0.25	32.83 -0.91 1.09	36.56 -1.02 1.59	39.63 -1.16 3.81	41.03 -1.13 1.15	36.07 -0.81 0.00	34.60 -0.92 0.00	31.23 -0.90 0.00	28.72 -0.80 0.00	26.70 -0.74 0.00
SITHE____MASSENA 23902	29.37 -0.51 0.13	25.28 -0.41 0.01	23.35 -0.43 0.09	23.05 -0.40 0.10	22.09 -0.38 0.00	21.81 -0.38 0.00	20.59 -0.36 0.00	21.32 -0.39 0.00	22.74 -0.35 0.00	24.86 -0.49 0.14	25.94 -0.53 0.05	27.55 -0.51 0.35	30.64 -0.56 0.07	30.69 -0.56 0.16	31.25 -0.57 0.07	33.91 -0.59 0.32	37.98 -0.55 0.64	42.44 -0.62 1.54	42.41 -0.43 0.46	36.51 -0.37 0.00	35.10 -0.42 0.00	31.68 -0.45 0.00	28.99 -0.53 0.00	26.89 -0.55 0.00
SITHE____OGDNSBRG 24021	29.48 -0.39 0.14	25.46 -0.23 0.01	23.43 -0.33 0.10	23.11 -0.33 0.11	22.16 -0.31 0.00	21.90 -0.29 -0.01	20.59 -0.36 0.00	21.30 -0.41 0.00	22.71 -0.37 0.00	24.77 -0.54 0.18	25.90 -0.56 0.06	27.45 -0.51 0.45	30.65 -0.53 0.09	30.68 -0.53 0.20	31.22 -0.57 0.10	33.85 -0.56 0.41	37.91 -0.51 0.76	42.29 -0.49 1.81	42.72 -0.04 0.55	36.91 0.04 0.00	35.45 -0.07 0.00	31.81 -0.32 0.00	29.08 -0.44 0.00	26.89 -0.55 0.00
SITHE____STERLING 23777	30.56 0.93 0.38	26.57 0.90 0.03	24.29 0.69 0.26	23.91 0.66 0.29	23.07 0.58 -0.01	22.80 0.60 -0.02	21.43 0.48 0.00	22.19 0.48 0.00	23.59 0.51 0.00	25.51 0.59 0.57	27.00 0.66 0.18	27.75 0.74 1.40	31.84 0.84 0.27	31.64 0.85 0.63	32.49 0.89 0.30	34.49 0.94 1.27	38.35 1.02 1.84	41.54 1.34 4.40	43.41 1.43 1.33	38.46 1.58 0.00	36.76 1.24 0.00	33.00 0.87 0.00	30.32 0.80 0.00	28.12 0.69 0.00
SLEIGHT__34_KV_TB1 80719	30.81 1.08 0.28	26.61 0.93 0.02	24.41 0.74 0.19	24.01 0.68 0.21	23.06 0.56 -0.02	22.74 0.53 -0.03	21.47 0.52 0.00	22.30 0.59 0.00	23.75 0.67 0.00	25.83 0.79 0.45	27.27 0.90 0.15	28.30 0.99 1.11	32.24 1.19 0.21	32.08 1.16 0.50	32.93 1.28 0.24	35.10 1.29 1.01	39.20 1.49 1.46	42.94 1.83 3.49	44.08 1.82 1.05	38.72 1.84 0.00	37.05 1.53 0.00	33.47 1.12 -0.21	30.58 1.06 0.00	28.37 0.93 0.00
SOUTH CAIRO____GT 23612	32.34 2.61 0.28	27.79 2.11 0.02	25.60 1.93 0.19	25.26 1.93 0.21	24.43 1.71 -0.25	24.11 1.71 -0.22	22.53 1.59 0.00	22.99 1.28 0.00	24.40 1.31 0.00	27.89 1.40 -1.00	28.33 1.48 -0.32	32.45 1.59 -2.44	33.36 1.62 -0.47	34.17 1.66 -1.10	34.07 1.66 -0.52	38.88 1.84 -2.22	44.83 2.15 -3.50	55.60 2.63 -8.37	48.39 2.55 -2.53	39.01 2.14 0.00	37.76 2.24 0.00	37.59 2.06 -3.39	31.56 2.04 0.00	29.22 1.78 0.00
SOUTH HAMPTN____IC 23720	37.04 4.35 -2.68	35.82 3.68 -6.43	33.83 3.39 -6.58	31.57 3.20 -4.82	31.23 3.03 -5.73	31.24 3.02 -6.05	30.08 2.85 -6.28	31.50 3.13 -6.66	34.89 3.37 -8.44	36.18 3.87 -6.82	38.18 3.98 -7.69	38.79 4.18 -6.20	41.80 4.56 -5.97	44.84 4.71 -8.71	46.03 4.69 -9.45	51.74 5.26 -11.66	52.58 5.87 -7.53	60.64 6.56 -9.48	64.83 6.19 -15.32	53.49 4.83 -11.78	51.88 4.58 -11.77	51.00 4.31 -14.56	43.39 4.16 -9.71	38.23 4.01 -6.78
SOUTHDOW_115KV_TB1 355954	29.75 0.12 0.37	26.34 0.67 0.03	23.51 -0.10 0.26	23.07 -0.19 0.29	22.53 0.02 -0.04	22.24 0.02 -0.04	21.26 0.31 0.00	21.97 0.26 0.00	23.38 0.30 0.00	25.68 0.59 0.40	26.97 0.58 0.13	28.21 0.77 0.97	31.92 0.84 0.19	31.51 0.53 0.43	32.33 0.64 0.21	34.25 0.31 0.88	38.22 0.31 1.27	42.11 0.54 3.03	42.40 0.00 0.91	37.72 0.85 0.00	36.23 0.71 0.00	33.05 0.58 -0.34	30.26 0.74 0.00	28.07 0.63 0.00
SOUTHOLD_69_KV_BK 2 55809	38.09 5.40 -2.68	36.69 4.55 -6.43	34.59 4.15 -6.58	32.32 3.96 -4.82	31.93 3.73 -5.73	31.93 3.70 -6.05	30.73 3.50 -6.28	32.19 3.82 -6.66	35.72 4.20 -8.44	37.13 4.82 -6.82	39.22 5.01 -7.69	39.96 5.34 -6.20	43.05 5.82 -5.97	46.10 5.97 -8.71	47.31 5.96 -9.45	53.14 6.65 -11.67	54.11 7.40 -7.53	60.31 8.38 -7.33	66.61 7.97 -15.33	55.04 6.38 -11.79	53.26 5.97 -11.77	52.16 5.46 -14.57	44.43 5.20 -9.71	39.13 4.91 -6.78

SOUTHOLD___IC 23719	38.09 5.40 -2.68	36.67 4.53 -6.43	34.59 4.15 -6.58	32.32 3.95 -4.82	31.93 3.73 -5.73	31.93 3.70 -6.05	30.73 3.50 -6.28	32.19 3.82 -6.66	35.72 4.20 -8.44	37.13 4.82 -6.82	39.22 5.01 -7.69	39.96 5.34 -6.20	43.05 5.81 -5.97	46.10 5.97 -8.71	47.31 5.96 -9.45	53.14 6.65 -11.67	54.12 7.41 -7.53	62.47 8.38 -9.48	66.61 7.97 -15.33	54.97 6.30 -11.79	53.19 5.90 -11.77	52.16 5.46 -14.57	44.40 5.16 -9.71	39.13 4.91 -6.78
SPIERFLS_115KV_TB 1 80737	31.58 1.86 0.29	27.20 1.52 0.02	25.09 1.43 0.20	24.76 1.44 0.22	24.14 1.37 -0.30	23.78 1.35 -0.25	22.22 1.28 0.00	22.97 1.26 0.00	24.54 1.45 0.00	29.38 1.81 -2.08	29.18 1.99 -0.67	35.61 2.10 -5.10	34.59 2.34 -0.98	35.93 2.23 -2.28	35.30 2.33 -1.08	41.88 2.44 -4.63	49.12 2.70 -7.24	65.08 3.17 -17.31	51.53 2.99 -5.23	39.46 2.58 0.00	38.01 2.49 0.00	40.70 2.28 -6.29	31.44 1.92 0.00	29.06 1.62 0.00
ST LAWRENCE____ 23600	29.20 -0.69 0.12	25.10 -0.59 0.01	23.21 -0.57 0.09	22.91 -0.54 0.09	21.98 -0.49 0.00	21.69 -0.49 0.00	20.48 -0.46 0.00	21.21 -0.50 0.00	22.57 -0.51 0.00	24.75 -0.61 0.13	25.82 -0.66 0.04	27.42 -0.68 0.31	30.45 -0.75 0.06	30.52 -0.75 0.14	31.06 -0.77 0.07	33.74 -0.80 0.29	37.75 -0.82 0.60	42.22 -0.94 1.44	42.10 -0.78 0.44	36.17 -0.70 0.00	34.81 -0.71 0.00	31.46 -0.68 0.00	28.81 -0.71 0.00	26.72 -0.71 0.00
STATE_CA_115KV_115_LB 55624	31.04 1.32 0.29	26.76 1.08 0.02	24.76 1.10 0.20	24.41 1.08 0.22	23.78 1.03 -0.28	23.44 1.02 -0.24	21.91 0.96 0.00	22.65 0.93 0.00	24.07 0.99 0.00	28.23 1.20 -1.54	28.29 1.27 -0.50	33.55 1.36 -3.77	33.49 1.50 -0.73	34.61 1.51 -1.69	34.23 1.53 -0.80	39.88 1.64 -3.43	46.31 1.76 -5.38	59.42 1.96 -12.85	49.01 1.82 -3.88	38.35 1.48 0.00	36.91 1.39 0.00	38.32 1.35 -4.84	30.76 1.24 0.00	28.59 1.15 0.00
STATE_ST_34_KV_LOAD 55959	30.33 0.54 0.22	26.15 0.46 0.02	24.04 0.33 0.15	23.66 0.28 0.17	22.74 0.25 -0.03	22.43 0.22 -0.03	21.15 0.21 0.00	21.97 0.26 0.00	23.38 0.30 0.00	25.43 0.38 0.44	26.85 0.48 0.14	27.84 0.51 1.08	31.65 0.59 0.21	31.53 0.60 0.49	32.37 0.70 0.23	34.47 0.63 0.98	38.49 0.74 1.42	42.18 0.98 3.41	43.28 1.00 1.03	37.98 1.11 0.00	36.37 0.85 0.00	32.97 0.61 -0.23	30.05 0.53 0.00	27.90 0.47 0.00
STATION 5_MISC_HYD 23604	29.81 0.21 0.41	25.95 0.28 0.03	23.70 0.12 0.28	23.30 0.07 0.31	22.32 -0.18 -0.03	21.99 -0.22 -0.03	20.90 -0.04 0.00	21.54 -0.17 0.00	22.90 -0.19 0.00	24.93 -0.10 0.46	26.32 -0.05 0.15	27.29 0.00 1.12	31.14 0.09 0.22	30.91 0.00 0.50	31.72 0.06 0.24	33.70 -0.10 1.02	37.66 -0.04 1.48	41.02 -0.04 3.54	41.98 -0.26 1.07	37.69 0.81 0.00	35.66 0.14 0.00	32.31 -0.03 -0.21	29.88 0.36 0.00	27.57 0.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.07 0.42 0.36	26.06 0.39 0.03	23.85 0.24 0.25	23.48 0.21 0.27	22.52 0.02 -0.03	22.21 0.00 -0.03	21.07 0.13 0.00	21.78 0.07 0.00	23.17 0.09 0.00	25.21 0.18 0.46	26.61 0.24 0.15	27.58 0.28 1.12	31.46 0.41 0.21	31.29 0.38 0.50	32.07 0.41 0.24	34.16 0.35 1.01	38.13 0.43 1.47	41.62 0.54 3.52	42.64 0.39 1.06	37.61 0.74 0.00	36.05 0.53 0.00	32.70 0.35 -0.21	29.96 0.44 0.00	27.79 0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.66 0.06 0.40	25.72 0.05 0.03	23.56 -0.02 0.28	23.19 -0.05 0.31	22.20 -0.29 -0.03	21.88 -0.33 -0.03	20.80 -0.15 0.00	21.45 -0.26 0.00	22.80 -0.28 0.00	24.85 -0.18 0.46	26.24 -0.13 0.15	27.20 -0.09 1.13	31.05 0.00 0.22	30.85 -0.06 0.50	31.62 -0.03 0.24	33.66 -0.14 1.02	37.53 -0.16 1.48	40.87 -0.18 3.55	41.85 -0.39 1.07	37.02 0.15 0.00	35.52 0.00 0.00	32.21 -0.13 -0.21	29.61 0.09 0.00	27.44 0.00 0.00
STA_56___34_KV_BUS2 355983	29.66 0.06 0.40	25.72 0.05 0.03	23.56 -0.02 0.28	23.19 -0.05 0.31	22.20 -0.29 -0.03	21.88 -0.33 -0.03	20.80 -0.15 0.00	21.45 -0.26 0.00	22.80 -0.28 0.00	24.85 -0.18 0.46	26.24 -0.13 0.15	27.20 -0.09 1.13	31.05 0.00 0.22	30.85 -0.06 0.50	31.62 -0.03 0.24	33.66 -0.14 1.02	37.53 -0.16 1.48	40.87 -0.18 3.55	41.85 -0.39 1.07	37.02 0.15 0.00	35.52 0.00 0.00	32.21 -0.13 -0.21	29.61 0.09 0.00	27.44 0.00 0.00
STA_67___115KV_BK2 355882	29.75 0.15 0.41	25.80 0.13 0.03	23.63 0.05 0.28	23.26 0.02 0.31	22.25 -0.25 -0.03	21.94 -0.27 -0.03	20.86 -0.08 0.00	21.50 -0.22 0.00	22.83 -0.25 0.00	24.85 -0.18 0.46	26.24 -0.13 0.15	27.20 -0.09 1.12	31.05 0.00 0.22	30.82 -0.09 0.50	31.62 -0.03 0.24	33.63 -0.17 1.02	37.54 -0.16 1.48	40.88 -0.18 3.54	41.81 -0.43 1.07	37.02 0.15 0.00	35.56 0.04 0.00	32.22 -0.13 -0.21	29.67 0.15 0.00	27.49 0.05 0.00
STA_7___115KV_9TRANS 80674	29.99 0.39 0.41	26.01 0.33 0.03	23.82 0.24 0.28	23.42 0.19 0.31	22.43 -0.07 -0.03	22.07 -0.13 -0.03	21.01 0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	25.08 0.05 0.46	26.48 0.11 0.15	27.49 0.20 1.12	31.36 0.31 0.22	31.16 0.25 0.50	31.94 0.29 0.24	33.98 0.17 1.02	37.97 0.27 1.48	41.37 0.31 3.54	42.28 0.04 1.07	37.43 0.55 0.00	35.91 0.39 0.00	32.57 0.22 -0.21	29.96 0.44 0.00	27.74 0.30 0.00
STA_82___115KV_TB1 80780	29.75 0.15 0.40	25.80 0.13 0.03	23.65 0.07 0.28	23.26 0.02 0.31	22.27 -0.22 -0.03	21.94 -0.27 -0.03	20.88 -0.06 0.00	21.50 -0.22 0.00	22.85 -0.23 0.00	24.88 -0.15 0.46	26.24 -0.13 0.15	27.23 -0.06 1.12	31.08 0.03 0.22	30.85 -0.06 0.50	31.66 0.00 0.24	33.66 -0.14 1.02	37.54 -0.16 1.48	40.89 -0.18 3.53	41.85 -0.39 1.07	37.06 0.18 0.00	35.56 0.04 0.00	32.25 -0.10 -0.21	29.70 0.18 0.00	27.52 0.08 0.00
STEEL___WIND 323596	29.18 -0.45 0.38	25.85 0.18 0.03	23.24 -0.36 0.27	22.78 -0.47 0.29	22.03 -0.47 -0.03	21.73 -0.49 -0.04	20.76 -0.19 0.00	21.32 -0.39 0.00	22.69 -0.39 0.00	24.77 -0.30 0.41	26.01 -0.37 0.13	27.21 -0.20 1.01	30.88 -0.19 0.19	30.49 -0.47 0.45	31.33 -0.35 0.21	33.21 -0.70 0.91	37.07 -0.78 1.32	40.65 -0.80 3.15	41.15 -1.21 0.95	37.39 0.52 0.00	35.20 -0.32 0.00	32.02 -0.42 -0.31	29.73 0.21 0.00	27.44 0.00 0.00
STEPHTWN_115KV_BK_2 55603	31.23 1.50 0.28	26.92 1.23 0.02	24.86 1.19 0.20	24.53 1.20 0.22	23.89 1.15 -0.27	23.52 1.11 -0.24	22.01 1.07 0.00	22.76 1.04 0.00	24.21 1.13 0.00	28.18 1.38 -1.31	28.38 1.43 -0.42	33.16 1.53 -3.22	33.57 1.69 -0.62	34.55 1.70 -1.44	34.30 1.72 -0.68	39.59 1.85 -2.92	45.80 2.04 -4.59	57.85 2.27 -10.97	48.75 2.12 -3.31	38.61 1.73 0.00	37.19 1.67 0.00	37.94 1.57 -4.23	30.94 1.42 0.00	28.73 1.29 0.00
STEUBEN_REC_LFGE 323667	30.37 0.69 0.33	26.60 0.93 0.03	24.04 0.41 0.23	23.64 0.35 0.26	22.85 0.34 -0.04	22.56 0.33 -0.05	21.38 0.44 0.00	22.08 0.37 0.00	23.50 0.42 0.00	25.62 0.48 0.36	26.88 0.48 0.11	28.17 0.63 0.87	31.85 0.75 0.17	31.62 0.60 0.39	32.44 0.73 0.18	34.66 0.63 0.79	38.75 0.71 1.13	42.97 1.07 2.70	43.49 1.00 0.81	38.46 1.59 0.00	36.87 1.35 0.00	33.51 0.96 -0.41	30.58 1.06 0.00	28.37 0.93 0.00

STONY___BROOK 24151	36.26 3.57 -2.68	35.15 3.01 -6.43	33.28 2.84 -6.58	31.05 2.68 -4.82	30.74 2.54 -5.73	30.73 2.51 -6.05	29.59 2.37 -6.28	31.00 2.63 -6.66	34.28 2.77 -8.44	35.47 3.16 -6.82	37.36 3.15 -7.69	37.90 3.27 -6.22	41.01 3.56 -6.18	44.07 3.67 -8.98	45.43 3.63 -9.90	49.67 3.97 -10.88	51.37 4.43 -7.77	60.38 4.77 -11.01	66.13 4.50 -18.32	52.96 3.32 -12.77	52.96 3.30 -14.13	52.94 3.28 -17.53	43.08 3.25 -10.31	37.49 3.24 -6.81
STURGEON_POOL_HYD 23609	31.78 2.04 0.26	27.38 1.70 0.02	25.33 1.65 0.18	24.92 1.58 0.20	24.10 1.42 -0.21	23.79 1.42 -0.19	22.26 1.32 0.00	23.12 1.41 0.00	24.51 1.43 0.00	27.61 1.55 -0.56	28.27 1.56 -0.18	31.39 1.59 -1.38	33.22 1.69 -0.27	33.83 1.79 -0.62	33.91 1.72 -0.29	38.03 1.95 -1.26	43.33 2.15 -2.01	51.85 2.45 -4.79	47.01 2.25 -1.45	38.46 1.59 0.00	37.01 1.49 0.00	35.99 1.61 -2.25	31.18 1.65 0.00	29.08 1.65 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.67 1.92 0.26	27.28 1.59 0.02	25.24 1.55 0.18	24.83 1.48 0.20	24.05 1.39 -0.19	23.70 1.35 -0.17	22.22 1.28 0.00	23.12 1.41 0.00	24.56 1.48 0.00	27.53 1.66 -0.39	28.37 1.72 -0.13	31.12 1.76 -0.95	33.35 1.91 -0.18	33.82 1.98 -0.42	34.04 1.95 -0.20	37.84 2.16 -0.86	42.96 2.39 -1.39	50.65 2.72 -3.33	46.83 2.51 -1.00	38.68 1.81 0.00	37.23 1.71 0.00	35.71 1.80 -1.78	31.20 1.68 0.00	29.11 1.67 0.00
SWANROAD_115KV_TB1 355699	28.54 -1.08 0.39	24.95 -0.72 0.03	22.73 -0.86 0.27	22.33 -0.92 0.30	21.40 -1.10 -0.03	21.10 -1.11 -0.04	20.23 -0.71 0.00	20.67 -1.04 0.00	21.93 -1.15 0.00	23.89 -1.17 0.43	25.13 -1.25 0.14	26.20 -1.16 1.04	29.81 -1.25 0.20	29.41 -1.54 0.47	30.24 -1.44 0.22	32.06 -1.81 0.95	35.69 -2.12 1.37	38.83 -2.50 3.27	39.59 -2.73 0.99	35.36 -1.51 0.00	33.99 -1.53 0.00	30.90 -1.51 -0.28	28.64 -0.89 0.00	26.61 -0.82 0.00
SYNERGY___BIOGAS 323694	29.94 0.33 0.40	26.26 0.59 0.03	23.80 0.21 0.28	23.38 0.14 0.30	22.39 -0.11 -0.03	22.06 -0.15 -0.03	21.09 0.15 0.00	21.61 -0.11 0.00	22.92 -0.16 0.00	24.95 -0.10 0.44	26.27 -0.11 0.14	27.34 0.00 1.07	31.15 0.09 0.21	30.87 -0.06 0.48	31.70 0.03 0.23	33.64 -0.21 0.97	37.65 -0.12 1.41	41.14 -0.09 3.37	41.94 -0.35 1.02	38.09 1.22 0.00	35.88 0.36 0.00	32.55 0.16 -0.25	30.23 0.71 0.00	27.85 0.41 0.00
SYRACUSE___ENERGY_ST1 323597	29.98 0.18 0.20	25.87 0.18 0.02	23.82 0.10 0.14	23.46 0.07 0.16	22.54 0.04 -0.02	22.25 0.04 -0.03	20.99 0.04 0.00	21.78 0.07 0.00	23.15 0.07 0.00	25.12 0.10 0.47	26.53 0.16 0.15	27.41 0.14 1.15	31.23 0.19 0.22	31.09 0.19 0.51	31.87 0.22 0.24	33.99 0.21 1.04	37.90 0.24 1.51	41.29 0.31 3.62	42.52 0.30 1.09	37.32 0.44 0.00	35.77 0.25 0.00	32.23 0.10 0.00	29.64 0.12 0.00	27.52 0.08 0.00
SYRACUSE___ENERGY_ST2 323598	29.98 0.18 0.20	25.87 0.18 0.02	23.82 0.10 0.14	23.46 0.07 0.16	22.54 0.04 -0.02	22.25 0.04 -0.03	20.99 0.04 0.00	21.78 0.07 0.00	23.15 0.10 0.47	25.12 0.10 0.15	26.53 0.16 1.15	27.41 0.14 1.15	31.23 0.19 0.22	31.09 0.19 0.51	31.87 0.22 0.24	33.99 0.21 1.04	37.90 0.24 1.51	41.29 0.31 3.62	42.52 0.30 1.09	37.32 0.44 0.00	35.77 0.25 0.00	32.23 0.10 0.00	29.64 0.12 0.00	27.52 0.08 0.00
SYRACUSE___POWER 24017	29.80 0.06 0.27	25.76 0.08 0.02	23.67 0.00 0.19	23.31 -0.02 0.21	22.45 -0.04 -0.02	22.16 -0.04 -0.03	20.90 -0.04 0.00	21.69 -0.02 0.00	23.06 -0.02 0.00	25.02 0.00 0.47	26.42 0.05 0.15	27.29 0.03 1.15	31.07 0.03 0.22	30.93 0.03 0.52	31.71 0.06 0.24	33.81 0.03 1.05	37.69 0.04 1.52	41.05 0.09 3.64	42.30 0.09 1.10	37.13 0.26 0.00	35.63 0.11 0.00	32.25 -0.06 -0.18	29.49 -0.03 0.00	27.41 -0.03 0.00
TALLMAN___138KV_BK151 55660	31.85 2.10 0.26	27.46 1.77 0.02	25.40 1.72 0.18	24.97 1.62 0.20	24.22 1.55 -0.19	23.86 1.51 -0.18	22.37 1.42 0.00	23.32 1.61 0.00	24.79 1.71 0.00	27.84 1.94 -0.41	28.64 1.99 -0.13	31.47 2.05 -1.01	33.68 2.22 -0.19	34.16 2.29 -0.45	34.37 2.26 -0.21	38.28 2.54 -0.91	43.43 2.78 -1.47	51.29 3.17 -3.52	47.23 2.86 -1.06	38.90 2.03 0.00	37.47 1.95 0.00	36.03 2.06 -1.85	31.44 1.92 0.00	29.33 1.89 0.00
TEALLAVE_115KV_TB7 355573	29.71 0.00 0.30	25.68 0.00 0.02	23.58 -0.07 0.21	23.25 -0.07 0.23	22.40 -0.09 -0.02	22.09 -0.11 -0.03	20.86 -0.08 0.00	21.63 -0.09 0.00	22.99 -0.09 0.00	24.92 -0.08 0.49	26.33 -0.03 0.16	27.15 -0.06 1.21	30.97 -0.06 0.23	30.78 -0.09 0.54	31.57 -0.06 0.26	33.62 -0.10 1.10	37.46 -0.12 1.60	40.70 -0.09 3.81	42.03 -0.13 1.15	36.95 0.07 0.00	35.45 -0.07 0.00	31.94 -0.19 0.00	29.37 -0.15 0.00	27.27 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	29.40 -0.21 0.39	25.67 0.00 0.03	23.37 -0.21 0.28	22.98 -0.26 0.30	22.01 -0.49 -0.03	21.70 -0.51 -0.03	20.76 -0.19 0.00	21.26 -0.46 0.00	22.57 -0.51 0.00	24.60 -0.46 0.43	25.90 -0.48 0.14	26.98 -0.37 1.06	30.72 -0.34 0.20	30.37 -0.57 0.48	31.19 -0.48 0.23	33.09 -0.77 0.96	36.92 -0.86 1.39	40.28 -0.98 3.33	41.00 -1.30 1.01	36.58 -0.30 0.00	35.17 -0.36 0.00	31.91 -0.48 -0.26	29.49 -0.03 0.00	27.38 -0.05 0.00
TEMPLE___115KV_TB 2 55572	29.71 0.00 0.30	25.71 0.03 0.02	23.61 -0.05 0.21	23.25 -0.07 0.23	22.40 -0.09 -0.02	22.11 -0.09 -0.03	20.88 -0.06 0.00	21.65 -0.07 0.00	23.01 -0.07 0.00	24.95 -0.05 0.49	26.33 -0.03 0.16	27.18 -0.03 1.20	31.00 -0.03 0.23	30.81 -0.06 0.54	31.61 -0.03 0.26	33.66 -0.07 1.09	37.51 -0.08 1.59	40.76 -0.04 3.80	42.08 -0.09 1.15	36.99 0.11 0.00	35.49 -0.04 0.00	31.97 -0.16 0.00	29.40 -0.12 0.00	27.30 -0.14 0.00
TIANA___69_KV_BK 1 55817	36.80 4.11 -2.68	35.64 3.50 -6.43	33.66 3.22 -6.58	31.40 3.04 -4.82	31.08 2.88 -5.73	31.07 2.84 -6.05	29.91 2.68 -6.28	31.34 2.97 -6.66	34.70 3.19 -8.44	35.96 3.65 -6.82	37.94 3.74 -7.69	38.54 3.92 -6.20	41.52 4.28 -5.97	44.53 4.40 -8.71	45.71 4.37 -9.45	51.40 4.91 -11.67	52.19 5.48 -7.53	58.08 6.15 -7.33	64.44 5.80 -15.33	53.27 4.61 -11.79	51.66 4.37 -11.77	50.75 4.05 -14.57	43.19 3.96 -9.71	38.01 3.79 -6.78
TILDEN___115KV_TB1 80814	29.80 0.06 0.27	25.76 0.08 0.02	23.67 0.00 0.19	23.31 -0.02 0.21	22.45 -0.04 -0.02	22.16 -0.04 -0.03	20.90 -0.04 0.00	21.69 -0.02 0.00	23.06 -0.02 0.00	25.02 0.00 0.47	26.42 0.05 0.15	27.29 0.03 1.15	31.07 0.03 0.22	30.93 0.03 0.52	31.71 0.06 0.24	33.81 0.03 1.05	37.69 0.04 1.52	41.05 0.09 3.64	42.30 0.09 1.10	37.13 0.26 0.00	35.63 0.11 0.00	32.25 -0.06 -0.18	29.49 -0.03 0.00	27.41 -0.03 0.00
TRIGEN___CC 323695	35.51 2.82 -2.68	34.50 2.36 -6.43	32.73 2.29 -6.58	30.55 2.19 -4.82	30.27 2.07 -5.73	30.27 2.04 -6.05	29.16 1.93 -6.28	30.52 2.15 -6.66	33.76 2.24 -8.44	34.89 2.57 -6.82	36.78 2.57 -7.69	37.20 2.64 -6.15	38.67 2.91 -4.50	41.27 3.02 -6.84	41.16 3.00 -6.27	44.53 3.31 -6.40	48.76 3.68 -5.90	52.68 4.10 -3.98	51.70 3.85 -4.53	44.44 2.84 -4.73	41.47 2.70 -3.25	38.69 2.70 -3.86	37.57 2.66 -5.40	36.65 2.58 -6.63

TRINITY__115KV__4 BK 55933	30.90 1.17 0.28	26.66 0.98 0.02	24.67 1.00 0.20	24.32 0.99 0.22	23.69 0.94 -0.27	23.35 0.93 -0.24	21.82 0.88 0.00	22.58 0.87 0.00	23.98 0.90 0.00	27.91 1.07 -1.35	28.07 1.11 -0.44	32.91 1.19 -3.31	33.21 1.31 -0.64	34.22 1.32 -1.48	33.97 1.37 -0.70	39.29 1.46 -3.00	45.46 1.57 -4.72	57.62 1.74 -11.28	48.32 1.60 -3.41	38.17 1.29 0.00	36.73 1.21 0.00	37.65 1.19 -4.33	30.61 1.09 0.00	28.45 1.02 0.00
UNION__PROCESSING_DRP 323587	29.78 0.18 0.40	25.83 0.15 0.03	23.65 0.07 0.28	23.28 0.05 0.31	22.27 -0.22 -0.03	21.94 -0.27 -0.03	20.88 -0.06 0.00	21.52 -0.20 0.00	22.85 -0.23 0.00	24.88 -0.15 0.46	26.26 -0.11 0.15	27.23 -0.06 1.12	31.08 0.03 0.22	30.85 -0.06 0.50	31.66 0.00 0.24	33.66 -0.14 1.02	37.58 -0.12 1.48	40.93 -0.13 3.53	41.85 -0.39 1.07	37.06 0.18 0.00	35.59 0.07 0.00	32.25 -0.10 -0.21	29.70 0.18 0.00	27.52 0.08 0.00
UPPER HUDSON__HYD 24058	31.58 1.86 0.29	27.20 1.52 0.02	25.07 1.41 0.20	24.76 1.44 0.22	24.14 1.37 -0.30	23.78 1.35 -0.25	22.22 1.28 0.00	22.97 1.26 0.00	24.54 1.45 0.00	29.38 1.81 -2.08	29.18 1.99 -0.67	35.61 2.10 -5.10	34.59 2.35 -0.98	35.93 2.23 -2.28	35.30 2.33 -1.08	41.88 2.44 -4.63	49.12 2.70 -7.24	65.08 3.17 -17.31	51.53 2.99 -5.23	39.39 2.51 0.00	38.01 2.49 0.00	40.70 2.28 -6.29	31.41 1.89 0.00	29.06 1.62 0.00
UPPER RAQUET__HYD 24056	28.69 -1.17 0.15	24.72 -0.98 0.01	22.76 -1.00 0.11	22.44 -0.99 0.12	21.53 -0.94 0.00	21.27 -0.91 -0.01	20.04 -0.90 0.00	20.76 -0.95 0.00	22.13 -0.95 0.00	24.11 -1.17 0.21	25.26 -1.19 0.07	26.68 -1.22 0.52	29.85 -1.31 0.10	29.87 -1.32 0.23	30.45 -1.34 0.11	32.96 -1.39 0.47	36.89 -1.45 0.83	41.01 -1.60 1.99	41.45 -1.26 0.60	35.81 -1.07 0.00	34.42 -1.10 0.00	30.94 -1.19 0.00	28.28 -1.24 0.00	26.18 -1.26 0.00
VALLEY44_115KV_TB2 355964	28.50 -1.14 0.37	25.62 -0.05 0.03	22.65 -0.95 0.26	22.20 -1.06 0.28	21.86 -0.65 -0.04	21.60 -0.62 -0.04	20.59 -0.36 0.00	21.30 -0.41 0.00	22.76 -0.32 0.00	24.90 -0.20 0.39	26.13 -0.27 0.13	27.32 -0.14 0.95	30.92 -0.16 0.18	30.64 -0.35 0.43	31.44 -0.26 0.20	33.47 -0.49 0.87	37.30 -0.63 1.25	41.04 -0.58 2.98	41.37 -1.04 0.90	36.73 -0.15 0.00	35.24 -0.28 0.00	32.16 -0.32 -0.35	29.46 -0.06 0.00	27.38 -0.05 0.00
VALLEY__115KV_TB 1-4 80826	29.92 0.39 0.48	26.02 0.36 0.04	23.84 0.31 0.34	23.46 0.28 0.37	22.70 0.22 0.00	22.39 0.20 -0.01	21.05 0.10 0.00	21.84 0.13 0.00	23.24 0.16 0.00	25.05 0.25 0.69	26.59 0.29 0.22	27.03 0.31 1.70	31.31 0.38 0.33	31.03 0.38 0.76	31.95 0.41 0.36	33.73 0.45 1.54	37.39 0.43 2.22	39.87 0.58 5.31	42.36 0.65 1.60	37.54 0.66 0.00	36.02 0.50 0.00	32.49 0.35 0.00	29.85 0.32 0.00	27.77 0.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.56 1.86 0.31	27.38 1.70 0.03	25.15 1.50 0.22	24.76 1.46 0.24	23.92 1.37 -0.08	23.63 1.37 -0.07	22.14 1.19 0.00	23.02 1.30 0.00	24.51 1.43 0.00	27.22 1.63 -0.10	28.27 1.72 -0.03	30.52 1.88 -0.23	33.37 2.06 -0.04	33.59 2.07 -0.10	34.02 2.07 -0.05	37.23 2.19 -0.21	41.94 2.35 -0.41	48.39 2.81 -0.98	46.47 2.86 -0.30	39.38 2.51 0.00	37.79 2.27 0.00	35.36 1.83 -1.40	31.18 1.65 0.00	28.95 1.51 0.00
VISCHER__FERRY HYD 24020	31.37 1.65 0.29	27.07 1.39 0.02	25.02 1.36 0.20	24.69 1.37 0.22	24.04 1.28 -0.29	23.68 1.26 -0.24	22.14 1.19 0.00	22.91 1.19 0.00	24.37 1.29 0.00	28.79 1.50 -1.80	28.66 1.56 -0.58	34.49 1.68 -4.40	33.99 1.88 -0.85	35.24 1.85 -1.97	34.71 1.88 -0.93	40.84 2.02 -4.00	47.67 2.23 -6.26	62.08 2.50 -14.98	50.17 2.34 -4.52	38.76 1.88 0.00	37.37 1.85 0.00	39.43 1.77 -5.53	31.09 1.56 0.00	28.92 1.48 0.00
V_A_10_SYNC_DSASP 323832	29.12 -0.48 0.41	25.29 -0.39 0.03	23.22 -0.36 0.28	22.81 -0.42 0.31	21.78 -0.72 -0.03	21.48 -0.73 -0.03	20.46 -0.48 0.00	21.02 -0.69 0.00	22.34 -0.74 0.00	24.33 -0.71 0.44	25.61 -0.77 0.14	26.62 -0.71 1.08	30.34 -0.72 0.21	29.99 -0.94 0.49	30.80 -0.86 0.23	32.72 -1.11 0.98	36.42 -1.33 1.43	39.63 -1.56 3.41	40.46 -1.82 1.03	36.03 -0.85 0.00	34.60 -0.92 0.00	31.41 -0.96 -0.24	29.02 -0.50 0.00	26.94 -0.49 0.00
V_CMM_10_SYNC_DSASP 323787	29.29 -0.60 0.12	25.21 -0.49 0.01	23.30 -0.48 0.09	22.98 -0.47 0.09	22.04 -0.43 0.00	21.76 -0.42 0.00	20.55 -0.40 0.00	21.30 -0.41 0.00	22.67 -0.41 0.00	24.83 -0.54 0.13	25.92 -0.56 0.04	27.53 -0.57 0.31	30.58 -0.63 0.06	30.65 -0.63 0.14	31.19 -0.64 0.07	33.87 -0.66 0.29	37.91 -0.67 0.60	42.40 -0.76 1.44	42.27 -0.61 0.44	36.32 -0.55 0.00	34.95 -0.57 0.00	31.59 -0.55 0.00	28.93 -0.59 0.00	26.83 -0.60 0.00
V_CMP_10_SYNC_DSASP 323788	30.04 0.15 0.12	25.77 0.08 0.01	23.75 -0.02 0.09	23.43 -0.02 0.09	22.45 -0.02 0.00	22.20 0.02 0.00	21.03 0.08 0.00	21.80 0.09 0.00	23.20 0.12 0.00	25.38 0.03 0.13	26.45 -0.03 0.04	28.15 0.06 0.32	31.27 0.06 0.06	31.24 -0.03 0.14	31.79 -0.03 0.07	34.67 0.14 0.29	38.92 0.35 0.61	43.59 0.45 1.46	43.61 0.74 0.44	37.43 0.55 0.00	35.88 0.36 0.00	32.23 0.10 0.00	29.35 -0.18 0.00	27.14 -0.30 0.00
V_E_10_SYNC_DSASP 323830	32.39 2.67 0.29	28.25 2.57 0.02	25.74 2.08 0.20	25.30 1.98 0.22	24.35 1.82 -0.06	24.05 1.82 -0.06	22.49 1.55 0.00	23.30 1.58 0.00	24.72 1.64 0.00	27.08 1.78 0.19	28.37 1.91 0.06	30.05 2.10 0.47	33.55 2.37 0.09	33.53 2.32 0.21	34.12 2.33 0.10	36.94 2.54 0.43	41.47 2.86 0.57	47.03 3.79 1.36	47.15 4.25 0.41	41.30 4.42 0.00	39.43 3.91 0.00	35.73 2.83 -0.77	32.09 2.57 0.00	29.66 2.22 0.00
V_F_30_NSYNC__DSASP 323816	31.85 2.13 0.29	27.45 1.77 0.02	25.33 1.67 0.20	24.99 1.67 0.22	24.36 1.60 -0.29	24.00 1.57 -0.25	22.41 1.47 0.00	23.19 1.48 0.00	24.70 1.62 0.00	29.47 1.94 -2.05	29.25 2.07 -0.66	35.64 2.22 -5.01	34.70 2.47 -0.96	36.05 2.39 -2.25	35.41 2.46 -1.06	41.98 2.61 -4.55	49.20 2.90 -7.12	64.93 3.30 -17.03	51.58 3.12 -5.14	39.49 2.62 0.00	38.08 2.56 0.00	40.71 2.38 -6.20	31.62 2.10 0.00	29.33 1.89 0.00
V_F_30_SYNC_DSASP 323786	31.01 1.29 0.29	26.76 1.08 0.02	24.74 1.07 0.20	24.41 1.08 0.22	23.78 1.03 -0.28	23.44 1.02 -0.24	21.89 0.94 0.00	22.65 0.93 0.00	24.07 0.99 0.00	28.21 1.20 -1.52	28.28 1.27 -0.49	33.51 1.36 -3.74	33.48 1.50 -0.72	34.60 1.51 -1.67	34.22 1.53 -0.79	39.85 1.64 -3.39	46.26 1.76 -5.32	59.29 1.96 -12.73	48.97 1.82 -3.84	38.35 1.48 0.00	36.91 1.39 0.00	38.28 1.35 -4.80	30.76 1.24 0.00	28.59 1.15 0.00
V_XM_10_SYNC_DSASP 323789	30.04 0.15 0.12	25.77 0.08 0.01	23.75 -0.02 0.09	23.43 -0.02 0.09	22.45 -0.02 0.00	22.20 0.02 0.00	21.03 0.08 0.00	21.80 0.09 0.00	23.20 0.12 0.00	25.38 0.03 0.13	26.45 -0.03 0.04	28.15 0.06 0.32	31.27 0.06 0.06	31.24 -0.03 0.14	31.79 -0.03 0.07	34.67 0.14 0.29	38.92 0.35 0.61	43.59 0.45 1.46	43.61 0.74 0.44	37.43 0.55 0.00	35.88 0.36 0.00	32.23 0.10 0.00	29.35 -0.18 0.00	27.14 -0.30 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.97 2.22 0.26	27.56 1.88 0.02	25.50 1.81 0.18	25.09 1.74 0.20	24.31 1.64 -0.20	23.95 1.60 -0.18	22.45 1.51 0.00	23.39 1.67 0.00	24.86 1.78 0.00	27.89 1.99 -0.42	28.72 2.07 -0.13	31.54 2.10 -1.02	33.77 2.31 -0.20	34.26 2.39 -0.46	34.47 2.36 -0.22	38.39 2.65 -0.93	43.57 2.90 -1.49	51.47 3.30 -3.57	47.42 3.03 -1.08	39.05 2.18 0.00	37.58 2.06 0.00	36.15 2.15 -1.86	31.53 2.01 0.00	29.41 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.30 2.55 0.26	27.79 2.11 0.02	25.73 2.05 0.18	25.30 1.95 0.20	24.52 1.84 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.67 1.95 0.00	25.14 2.05 0.00	28.34 2.40 -0.45	29.10 2.44 -0.15	32.04 2.53 -1.10	34.29 2.81 -0.21	34.74 2.83 -0.49	34.93 2.81 -0.23	38.96 3.13 -1.00	44.23 3.45 -1.61	52.33 3.88 -3.85	48.03 3.55 -1.16	39.35 2.47 0.00	37.87 2.34 0.00	36.56 2.47 -1.95	31.91 2.39 0.00	29.80 2.36 0.00
W50THST__13_KV_LOAD 356117	32.51 2.76 0.26	27.95 2.26 0.02	25.90 2.22 0.18	25.44 2.10 0.20	24.65 1.98 -0.20	24.34 1.97 -0.19	22.81 1.86 0.00	23.82 2.11 0.00	25.27 2.19 0.00	28.52 2.57 -0.45	29.29 2.63 -0.15	32.22 2.70 -1.10	34.51 3.03 -0.21	34.96 3.05 -0.49	35.16 3.03 -0.23	39.20 3.38 -1.00	44.55 3.76 -1.61	52.69 4.24 -3.85	48.37 3.90 -1.16	39.57 2.69 0.00	38.08 2.56 0.00	36.75 2.67 -1.95	32.12 2.60 0.00	29.99 2.55 0.00
WADING RIVER_IC_1 23522	36.11 3.42 -2.68	35.07 2.93 -6.43	33.14 2.70 -6.58	30.91 2.54 -4.82	30.61 2.41 -5.73	30.60 2.37 -6.05	29.47 2.24 -6.28	30.84 2.47 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.20	40.64 3.41 -5.96	43.67 3.55 -8.71	44.84 3.51 -9.44	50.50 4.04 -11.65	51.17 4.46 -7.53	58.98 4.91 -9.47	63.25 4.64 -15.30	52.15 3.51 -11.77	50.72 3.44 -11.75	49.95 3.28 -14.54	42.53 3.31 -9.70	37.45 3.24 -6.78
WADING RIVER_IC_2 23547	36.11 3.42 -2.68	35.07 2.93 -6.43	33.14 2.70 -6.58	30.91 2.54 -4.82	30.61 2.41 -5.73	30.60 2.37 -6.05	29.47 2.24 -6.28	30.84 2.47 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.20	40.64 3.41 -5.96	43.67 3.55 -8.71	44.84 3.51 -9.44	50.50 4.04 -11.65	51.17 4.46 -7.53	58.98 4.91 -9.47	63.25 4.64 -15.30	52.15 3.51 -11.77	50.72 3.44 -11.75	49.95 3.28 -14.54	42.53 3.31 -9.70	37.45 3.24 -6.78
WADING RIVER_IC_3 23601	36.11 3.42 -2.68	35.07 2.93 -6.43	33.14 2.70 -6.58	30.91 2.54 -4.82	30.61 2.41 -5.73	30.60 2.37 -6.05	29.47 2.24 -6.28	30.84 2.47 -6.66	34.15 2.63 -8.44	35.32 3.01 -6.82	37.23 3.02 -7.69	37.74 3.13 -6.20	40.64 3.41 -5.96	43.67 3.55 -8.71	44.84 3.51 -9.44	50.50 4.04 -11.65	51.17 4.46 -7.53	58.98 4.91 -9.47	63.25 4.64 -15.30	52.15 3.51 -11.77	50.72 3.44 -11.75	49.95 3.28 -14.54	42.53 3.31 -9.70	37.45 3.24 -6.78
WALDENNY_I2_KV_BK2 80841	29.20 -0.42 0.38	25.70 0.03 0.03	23.21 -0.38 0.27	22.80 -0.45 0.30	22.01 -0.49 -0.03	21.73 -0.49 -0.04	20.76 -0.19 0.00	21.30 -0.41 0.00	22.67 -0.42 0.00	24.75 -0.33 0.41	26.01 -0.37 0.13	27.20 -0.20 1.01	30.88 -0.19 0.19	30.52 -0.44 0.45	31.36 -0.32 0.21	33.28 -0.63 0.92	37.07 -0.78 1.32	40.59 -0.85 3.16	41.10 -1.26 0.96	36.66 -0.22 0.00	35.17 -0.36 0.00	31.99 -0.45 -0.30	29.52 0.00 0.00	27.44 0.00 0.00
WALDEN___HYDRO 24148	32.03 2.28 0.26	27.56 1.88 0.02	25.47 1.79 0.18	25.06 1.72 0.20	24.26 1.60 -0.20	23.91 1.55 -0.18	22.39 1.44 0.00	23.21 1.50 0.00	24.63 1.55 0.00	27.65 1.73 -0.43	28.43 1.78 -0.14	31.28 1.82 -1.05	33.41 1.94 -0.20	33.90 2.01 -0.47	34.09 1.98 -0.22	38.03 2.26 -0.95	43.18 2.47 -1.53	51.12 2.86 -3.67	47.10 2.69 -1.11	38.72 1.84 0.00	37.44 1.92 0.00	36.02 1.99 -1.89	31.41 1.89 0.00	29.28 1.84 0.00
WARRENSBURG____ 23737	31.58 1.86 0.29	27.20 1.52 0.02	25.07 1.41 0.20	24.76 1.44 0.22	24.14 1.37 -0.30	23.78 1.35 -0.25	22.22 1.28 0.00	22.97 1.26 0.00	24.54 1.45 0.00	29.38 1.81 -2.08	29.18 1.99 -0.67	35.61 2.10 -5.10	34.59 2.35 -0.98	35.93 2.23 -2.28	35.30 2.33 -1.08	41.88 2.44 -4.63	49.12 2.70 -7.24	65.08 3.17 -17.31	51.53 2.99 -5.23	39.39 2.51 0.00	38.01 2.49 0.00	40.70 2.28 -6.29	31.41 1.89 0.00	29.06 1.62 0.00
WATERSIDE____6 8 9 23538	32.39 2.64 0.26	27.82 2.13 0.02	25.78 2.10 0.18	25.30 1.95 0.20	24.54 1.87 -0.20	24.18 1.82 -0.19	22.66 1.72 0.00	23.71 2.00 0.00	25.16 2.08 0.00	28.36 2.42 -0.45	29.13 2.47 -0.15	32.07 2.56 -1.10	34.32 2.85 -0.21	34.80 2.89 -0.49	35.00 2.87 -0.23	39.03 3.20 -1.01	44.19 3.41 -1.61	52.11 3.66 -3.85	47.98 3.51 -1.16	39.27 2.40 0.00	37.87 2.34 0.00	36.62 2.54 -1.95	32.00 2.48 0.00	29.85 2.41 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.86 0.33 0.48	25.97 0.31 0.04	23.79 0.26 0.34	23.43 0.26 0.37	22.70 0.22 0.00	22.39 0.20 -0.01	21.09 0.15 0.00	21.89 0.17 0.00	23.27 0.18 0.00	25.05 0.25 0.69	26.56 0.27 0.22	27.03 0.31 1.70	31.28 0.34 0.33	31.00 0.35 0.76	31.92 0.38 0.36	33.66 0.38 1.54	37.31 0.35 2.22	39.78 0.49 5.31	42.23 0.52 1.60	37.43 0.55 0.00	35.91 0.39 0.00	32.42 0.29 0.00	29.79 0.27 0.00	27.68 0.25 0.00
WATSON____69_KV_BK 1 55734	36.71 4.02 -2.68	35.53 3.39 -6.43	33.61 3.17 -6.58	31.38 3.01 -4.82	31.06 2.85 -5.73	31.05 2.82 -6.05	29.89 2.66 -6.28	31.28 2.91 -6.66	34.61 3.09 -8.44	35.83 3.52 -6.82	37.73 3.53 -7.69	38.25 3.67 -6.18	41.13 4.00 -5.86	44.18 4.18 -8.59	45.29 4.15 -9.25	55.65 4.60 -16.23	51.73 5.13 -7.42	55.96 5.66 -5.70	58.61 5.37 -9.93	52.46 4.20 -11.38	47.01 3.98 -7.51	45.16 3.82 -9.21	42.75 3.78 -9.45	37.78 3.59 -6.75
WDELAWARE___HYD 323627	31.92 2.16 0.25	27.46 1.77 0.02	25.36 1.67 0.18	24.95 1.60 0.19	24.11 1.46 -0.18	23.76 1.42 -0.16	22.24 1.30 0.00	23.04 1.32 0.00	24.42 1.34 0.00	27.36 1.48 -0.39	28.16 1.51 -0.13	30.90 1.53 -0.96	33.10 1.66 -0.18	33.57 1.73 -0.43	33.79 1.69 -0.20	37.64 1.95 -0.87	42.69 2.11 -1.40	50.45 2.50 -3.35	46.75 2.42 -1.01	38.50 1.62 0.00	37.19 1.67 0.00	35.66 1.73 -1.79	31.17 1.65 0.00	29.06 1.62 0.00
WEST BABYLON___IC 23714	36.50 3.81 -2.68	35.35 3.21 -6.43	33.47 3.03 -6.58	31.26 2.90 -4.82	30.92 2.72 -5.73	30.91 2.68 -6.05	29.76 2.53 -6.28	31.15 2.78 -6.66	34.47 2.95 -8.44	35.65 3.34 -6.82	37.52 3.31 -7.69	38.03 3.47 -6.15	40.07 3.81 -4.99	42.84 3.96 -7.47	43.14 3.89 -7.35	49.78 4.32 -10.64	50.44 4.82 -6.45	54.26 5.31 -4.36	54.17 5.02 -5.83	47.93 3.91 -7.14	43.53 3.73 -4.27	40.94 3.66 -5.15	39.99 3.60 -6.87	37.54 3.43 -6.67
WEST CANADA___HYD 24049	29.71 0.18 0.48	25.85 0.18 0.04	23.67 0.14 0.34	23.32 0.14 0.37	22.59 0.11 0.00	22.30 0.11 -0.01	21.05 0.11 0.00	21.82 0.11 0.00	23.20 0.12 0.00	24.95 0.15 0.69	26.48 0.19 0.22	26.91 0.20 1.70	31.19 0.25 0.33	30.87 0.22 0.76	31.79 0.25 0.36	33.52 0.25 1.54	37.15 0.20 2.22	39.52 0.22 5.31	41.92 0.22 1.60	37.21 0.33 0.00	35.63 0.11 0.00	32.20 0.06 0.00	29.61 0.09 0.00	27.52 0.08 0.00



WESTERN_NY_WIND 24143	29.91 0.30 0.40	26.24 0.56 0.03	23.78 0.19 0.28	23.34 0.09 0.30	22.37 -0.13 -0.03	22.03 -0.18 -0.03	21.05 0.11 0.00	21.56 -0.15 0.00	22.90 -0.19 0.00	24.90 -0.15 0.44	26.22 -0.16 0.14	27.32 -0.03 1.07	31.12 0.06 0.21	30.81 -0.13 0.48	31.64 -0.03 0.23	33.57 -0.28 0.97	37.58 -0.19 1.40	41.06 -0.18 3.36	41.86 -0.43 1.02	38.02 1.14 0.00	35.80 0.28 0.00	32.49 0.10 -0.26	30.17 0.65 0.00	27.82 0.38 0.00
WESTOVER___LESR 323668	30.16 0.45 0.30	26.25 0.57 0.02	23.99 0.33 0.21	23.60 0.28 0.23	22.80 0.27 -0.06	22.51 0.27 -0.06	21.24 0.29 0.00	22.02 0.30 0.00	23.45 0.37 0.00	25.71 0.46 0.24	26.92 0.48 0.08	28.33 0.51 0.59	31.74 0.59 0.11	31.68 0.53 0.26	32.37 0.61 0.13	34.88 0.59 0.54	39.10 0.67 0.74	43.63 0.80 1.77	43.51 0.74 0.53	37.76 0.89 0.00	36.23 0.71 0.00	33.32 0.55 -0.64	30.08 0.56 0.00	27.96 0.52 0.00
WETHRSFD_WT_PWR 323626	29.31 -0.33 0.37	25.83 0.16 0.03	23.32 -0.29 0.26	22.91 -0.35 0.28	22.13 -0.38 -0.04	21.82 -0.40 -0.04	20.78 -0.17 0.00	21.39 -0.33 0.00	22.76 -0.32 0.00	24.85 -0.25 0.39	26.08 -0.32 0.13	27.23 -0.23 0.96	30.86 -0.22 0.18	30.55 -0.44 0.43	31.37 -0.32 0.20	33.33 -0.63 0.87	37.22 -0.70 1.25	40.90 -0.72 2.98	41.50 -0.91 0.90	37.46 0.59 0.00	35.38 -0.14 0.00	32.16 -0.32 -0.35	29.70 0.18 0.00	27.44 0.00 0.00
WHAVSTOR_138KV_BK127 55557	31.79 2.04 0.26	27.41 1.72 0.02	25.38 1.69 0.18	24.95 1.60 0.20	24.19 1.53 -0.20	23.86 1.51 -0.18	22.35 1.40 0.00	23.32 1.61 0.00	24.77 1.68 0.00	27.82 1.91 -0.42	28.62 1.96 -0.14	31.42 1.99 -1.02	33.65 2.19 -0.20	34.10 2.23 -0.46	34.34 2.23 -0.22	38.22 2.47 -0.93	43.37 2.70 -1.50	51.26 3.08 -3.58	47.21 2.82 -1.08	38.87 1.99 0.00	37.40 1.88 0.00	35.99 1.99 -1.86	31.38 1.86 0.00	29.28 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.79 2.04 0.26	27.41 1.72 0.02	25.38 1.69 0.18	24.95 1.60 0.20	24.19 1.53 -0.20	23.86 1.51 -0.18	22.35 1.40 0.00	23.32 1.61 0.00	24.77 1.68 0.00	27.82 1.91 -0.42	28.62 1.96 -0.14	31.42 1.99 -1.02	33.65 2.19 -0.20	34.10 2.23 -0.46	34.34 2.23 -0.22	38.22 2.47 -0.93	43.37 2.70 -1.50	51.26 3.08 -3.58	47.21 2.82 -1.08	38.87 1.99 0.00	37.40 1.88 0.00	35.99 1.99 -1.86	31.38 1.86 0.00	29.28 1.84 0.00
WHITEHAL_115KV_TB1 80871	32.66 2.94 0.29	28.10 2.42 0.02	25.88 2.22 0.20	25.53 2.21 0.22	24.90 2.13 -0.30	24.51 2.08 -0.25	22.95 2.01 0.00	23.69 1.98 0.00	25.34 2.26 0.00	30.33 2.78 -2.07	30.21 3.02 -0.67	36.69 3.21 -5.06	35.80 3.56 -0.97	37.08 3.39 -2.27	36.48 3.51 -1.07	43.18 3.76 -4.59	50.56 4.19 -7.19	66.75 4.95 -17.20	53.23 4.72 -5.19	40.97 4.09 0.00	39.54 4.01 0.00	41.95 3.57 -6.25	32.59 3.07 0.00	30.02 2.58 0.00
WHITEPLN_13_KV_LOAD 356215	32.42 2.67 0.26	27.87 2.18 0.02	25.81 2.12 0.18	25.37 2.02 0.20	24.58 1.91 -0.20	24.27 1.91 -0.18	22.72 1.78 0.00	23.75 2.04 0.00	25.23 2.15 0.00	28.46 2.52 -0.45	29.29 2.63 -0.15	32.24 2.73 -1.10	34.51 3.03 -0.21	34.99 3.08 -0.49	35.22 3.09 -0.23	39.30 3.48 -1.00	44.62 3.84 -1.60	52.85 4.42 -3.84	48.58 4.11 -1.16	39.83 2.95 0.00	38.33 2.81 0.00	36.94 2.86 -1.94	32.12 2.60 0.00	29.91 2.47 0.00
WM_FLOYD_69_KV_BK2 356380	36.35 3.66 -2.68	35.25 3.11 -6.43	33.33 2.89 -6.58	31.07 2.71 -4.82	30.76 2.56 -5.73	30.78 2.55 -6.05	29.62 2.39 -6.28	31.02 2.65 -6.66	34.29 2.77 -8.44	35.47 3.16 -6.82	37.36 3.16 -7.69	37.89 3.27 -6.21	40.82 3.56 -5.99	43.86 3.71 -8.74	45.06 3.67 -9.49	50.67 4.11 -11.74	51.36 4.62 -7.56	57.22 5.13 -7.49	63.64 4.85 -15.48	52.56 3.80 -11.88	51.03 3.62 -11.89	50.28 3.44 -14.71	42.75 3.45 -9.77	37.54 3.32 -6.79
WOODARD___115KV_TB2 355635	29.68 -0.06 0.27	25.63 -0.05 0.02	23.58 -0.10 0.19	23.22 -0.12 0.21	22.36 -0.13 -0.02	22.05 -0.16 -0.03	20.82 -0.13 0.00	21.58 -0.13 0.00	22.94 -0.14 0.00	24.88 -0.13 0.49	26.28 -0.08 0.16	27.11 -0.11 1.19	30.94 -0.09 0.23	30.76 -0.13 0.53	31.55 -0.10 0.25	33.60 -0.14 1.08	37.44 -0.16 1.58	40.70 -0.13 3.77	42.00 -0.17 1.14	36.91 0.04 0.00	35.41 -0.11 0.00	31.91 -0.22 0.00	29.34 -0.18 0.00	27.27 -0.16 0.00
YORK___WARBASSE 23770	32.54 2.79 0.26	27.87 2.18 0.02	25.85 2.17 0.18	25.37 2.02 0.20	24.59 1.91 -0.20	24.23 1.86 -0.19	22.70 1.76 0.00	23.78 2.06 0.00	25.20 2.12 0.00	28.46 2.52 -0.45	29.24 2.57 -0.15	32.22 2.70 -1.10	34.48 3.00 -0.21	34.99 3.08 -0.49	35.19 3.06 -0.23	39.24 3.41 -1.01	44.43 3.64 -1.61	52.38 3.92 -3.85	48.24 3.77 -1.16	39.38 2.51 0.00	38.08 2.56 0.00	36.85 2.76 -1.95	32.15 2.63 0.00	29.96 2.52 0.00