

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/23/2023

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	24.22	23.06	20.60	20.18	21.98	25.34	39.16	47.80	38.55	32.75	28.85	27.14	25.60	25.62	25.63	27.37	33.00	42.76	68.27	55.62	37.67	34.66	32.14	27.98
24138	1.33	1.26	1.07	1.02	1.11	1.37	2.63	3.93	2.92	2.68	2.49	2.46	2.37	2.39	2.39	2.49	2.90	3.62	4.23	4.21	2.72	2.66	2.52	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.73	-0.45	-0.32	-0.38	-0.29	-0.20	-0.20	-0.21	-0.25	-0.49	-0.18	-17.12	-5.61	-0.14	-0.28	-0.33	-0.21
74TH STREET_GT_1	24.17	23.08	20.58	20.14	21.94	25.29	39.12	47.71	38.48	32.66	28.80	27.07	25.53	25.53	25.58	27.32	32.94	42.76	68.23	55.53	37.67	34.66	32.08	27.93
24260	1.28	1.29	1.05	0.98	1.06	1.32	2.59	3.84	2.85	2.59	2.44	2.39	2.30	2.30	2.35	2.44	2.84	3.62	4.18	4.12	2.72	2.66	2.46	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.73	-0.45	-0.32	-0.38	-0.29	-0.20	-0.20	-0.22	-0.25	-0.49	-0.18	-17.12	-5.61	-0.14	-0.28	-0.33	-0.21
74TH STREET_GT_2	24.17	23.08	20.58	20.14	21.94	25.29	39.12	47.71	38.48	32.66	28.80	27.07	25.53	25.53	25.58	27.32	32.94	42.76	68.23	55.53	37.67	34.66	32.08	27.93
24261	1.28	1.29	1.05	0.98	1.06	1.32	2.59	3.84	2.85	2.59	2.44	2.39	2.30	2.30	2.35	2.44	2.84	3.62	4.18	4.12	2.72	2.66	2.46	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.73	-0.45	-0.32	-0.38	-0.29	-0.20	-0.20	-0.22	-0.25	-0.49	-0.18	-17.12	-5.61	-0.14	-0.28	-0.33	-0.21
ADK HUDSON___FALLS	23.90	22.76	20.58	20.12	22.08	25.51	38.43	46.40	37.87	31.89	27.76	26.02	24.52	24.59	24.57	26.25	31.30	41.91	67.12	53.48	37.48	33.80	30.95	27.06
24011	1.01	0.96	1.05	0.96	1.21	1.53	2.92	3.93	3.10	2.44	2.13	1.90	1.68	1.75	1.73	1.85	2.13	3.12	3.85	3.85	2.79	2.35	1.96	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.67	0.40	0.29	0.35	0.26	0.18	0.18	0.18	0.23	0.44	0.16	-16.35	-3.84	0.12	0.26	0.30	0.19
ADK RESOURCE___RCVRY	23.97	22.80	20.66	20.18	22.17	25.60	38.69	46.71	38.16	32.13	27.95	26.20	24.64	24.71	24.66	26.38	31.45	42.15	67.48	53.82	37.76	34.00	31.10	27.19
23798	1.08	1.00	1.13	1.02	1.29	1.63	3.17	4.23	3.38	2.68	2.31	2.07	1.80	1.86	1.82	1.97	2.28	3.35	4.18	4.17	3.06	2.54	2.11	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.66	0.40	0.29	0.34	0.26	0.18	0.18	0.18	0.23	0.44	0.16	-16.37	-3.85	0.12	0.26	0.30	0.19
ADK S GLENS___FALLS	23.90	22.76	20.58	20.12	22.08	25.51	38.43	46.40	37.87	31.89	27.76	26.02	24.52	24.59	24.57	26.25	31.30	41.91	67.12	53.48	37.48	33.80	30.95	27.06
24028	1.01	0.96	1.05	0.96	1.21	1.53	2.92	3.93	3.10	2.44	2.13	1.90	1.68	1.75	1.73	1.85	2.13	3.12	3.85	3.85	2.79	2.35	1.96	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.67	0.40	0.29	0.35	0.26	0.18	0.18	0.18	0.23	0.44	0.16	-16.35	-3.84	0.12	0.26	0.30	0.19
ADK_NYS___DAM	23.76	22.60	20.27	19.85	21.58	24.93	36.41	43.89	36.07	30.56	26.41	25.00	23.80	23.86	23.85	25.45	30.20	41.00	61.47	49.72	36.46	32.84	30.08	26.51
23527	0.87	0.81	0.74	0.69	0.71	0.96	1.87	2.76	2.11	1.69	1.48	1.41	1.33	1.38	1.38	1.50	1.92	2.53	3.01	2.93	2.02	1.90	1.70	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	1.46	2.01	1.22	0.88	1.04	0.80	0.56	0.55	0.55	0.69	1.34	0.49	-11.53	-0.99	0.37	0.78	0.90	0.59
AIR_PRODUCTS___DRP	23.46	22.34	19.99	19.59	21.27	24.38	36.49	43.72	35.66	30.28	26.39	24.83	23.51	23.51	23.53	25.12	30.03	40.01	64.28	50.93	35.60	32.41	29.81	26.13
24190	0.57	0.54	0.47	0.42	0.40	0.41	0.97	1.25	0.88	0.83	0.75	0.71	0.67	0.67	0.69	0.71	0.86	1.21	1.45	1.42	0.91	0.95	0.82	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.67	0.41	0.29	0.35	0.26	0.18	0.18	0.18	0.23	0.45	0.16	-15.89	-3.71	0.12	0.26	0.30	0.19
AKWESSNE_115KV_BK	22.48	21.43	19.19	18.86	20.56	23.54	35.24	42.11	34.34	28.94	25.30	23.75	22.40	22.43	22.42	23.99	28.93	38.14	46.04	44.88	34.09	31.17	28.85	25.54
355683	-0.41	-0.37	-0.33	-0.31	-0.31	-0.43	-0.76	-1.04	-0.84	-0.80	-0.68	-0.63	-0.62	-0.60	-0.60	-0.64	-0.68	-0.82	-0.89	-0.92	-0.73	-0.54	-0.44	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.46	22.34	19.99	19.59	21.27	24.38	36.49	43.72	35.66	30.28	26.39	24.83	23.51	23.51	23.53	25.12	30.03	40.01	64.28	50.93	35.60	32.41	29.81	26.13
23571	0.57	0.54	0.47	0.42	0.40	0.41	0.97	1.25	0.88	0.83	0.75	0.71	0.67	0.67	0.69	0.71	0.86	1.21	1.45	1.42	0.91	0.95	0.82	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.67	0.41	0.29	0.35	0.26	0.18	0.18	0.18	0.23	0.45	0.16	-15.89	-3.71	0.12	0.26	0.30	0.19
ALBANY___2	23.46	22.34	19.99	19.59	21.27	24.38	36.49	43.72	35.66	30.28	26.39	24.83	23.51	23.51	23.53	25.12	30.03	40.01	64.28	50.93	35.60	32.41	29.81	26.13
23572	0.57	0.54	0.47	0.42	0.40	0.41	0.97	1.25	0.88	0.83	0.75	0.71	0.67	0.67	0.69	0.71	0.86	1.21	1.45	1.42	0.91	0.95	0.82	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.67	0.41	0.29	0.35	0.26	0.18	0.18	0.18	0.23	0.45	0.16	-15.89	-3.71	0.12	0.26	0.30	0.19
ALBANY___3	23.46	22.34	19.99	19.59	21.27	24.38	36.49	43.72	35.66	30.28	26.39	24.83	23.51	23.51	23.53	25.12	30.03	40.01	64.28	50.93	35.60	32.41	29.81	26.13
23573	0.57	0.54	0.47	0.42	0.40	0.41	0.97	1.25	0.88	0.83	0.75	0.71	0.67	0.67	0.69	0.71	0.86	1.21	1.45	1.42	0.91	0.95	0.82	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.67	0.41	0.29	0.35	0.26	0.18	0.18	0.18	0.23	0.45	0.16	-15.89	-3.71	0.12	0.26	0.30	0.19

ALBANY___4 23574	23.46 0.57 0.00	22.34 0.54 0.00	19.99 0.47 0.00	19.59 0.42 0.00	21.27 0.40 0.00	24.38 0.41 0.00	36.49 0.97 0.48	43.72 1.25 0.67	35.66 0.88 0.41	30.28 0.83 0.29	26.39 0.75 0.35	24.83 0.71 0.26	23.51 0.67 0.18	23.51 0.67 0.18	23.53 0.69 0.18	25.12 0.71 0.23	30.03 0.86 0.45	40.01 1.21 0.16	64.28 1.45 -15.89	50.93 1.42 -3.71	35.60 0.91 0.12	32.41 0.95 0.26	29.81 0.82 0.30	26.13 0.49 0.19
ALBANY___LFGE 323615	23.62 0.73 0.00	22.47 0.68 0.00	20.13 0.61 0.00	19.72 0.56 0.00	21.42 0.54 0.00	24.57 0.60 0.00	36.78 1.29 0.51	44.16 1.73 0.71	36.05 1.30 0.43	30.56 1.13 0.31	26.62 1.01 0.37	25.05 0.95 0.28	23.70 0.87 0.20	23.75 0.92 0.19	23.75 0.92 0.19	25.35 0.96 0.24	30.33 1.19 0.47	40.46 1.67 0.17	64.82 2.02 -15.88	51.38 1.92 -3.66	35.98 1.29 0.13	32.71 1.27 0.27	30.06 1.08 0.32	26.37 0.75 0.21
ALCOA_PA_115KV_PL-6C 55860	22.62 -0.27 0.00	21.58 -0.22 0.00	19.31 -0.21 0.00	18.99 -0.17 0.00	20.71 -0.17 0.00	23.66 -0.31 0.00	35.39 -0.61 0.00	42.24 -0.91 0.00	34.44 -0.74 0.00	29.00 -0.74 0.00	25.35 -0.62 0.00	23.78 -0.61 0.00	22.43 -0.60 0.00	22.45 -0.58 0.00	22.44 -0.58 0.00	24.02 -0.62 0.00	28.99 -0.62 0.00	38.26 -0.70 0.00	46.18 -0.75 0.00	45.02 -0.78 0.00	34.23 -0.59 0.00	31.30 -0.41 0.00	29.00 -0.29 0.00	25.70 -0.13 0.00
ALCOA_RYNLDS___DRP 24188	22.62 -0.27 0.00	21.58 -0.22 0.00	19.31 -0.21 0.00	18.99 -0.17 0.00	20.71 -0.17 0.00	23.66 -0.31 0.00	35.39 -0.61 0.00	42.24 -0.91 0.00	34.44 -0.74 0.00	29.00 -0.74 0.00	25.35 -0.62 0.00	23.78 -0.61 0.00	22.43 -0.60 0.00	22.45 -0.58 0.00	22.44 -0.58 0.00	24.02 -0.62 0.00	28.99 -0.62 0.00	38.26 -0.70 0.00	46.18 -0.75 0.00	45.02 -0.78 0.00	34.23 -0.59 0.00	31.30 -0.41 0.00	29.00 -0.29 0.00	25.70 -0.13 0.00
ALCOA___DSASP 323711	22.62 -0.27 0.00	21.58 -0.22 0.00	19.31 -0.21 0.00	18.99 -0.17 0.00	20.71 -0.17 0.00	23.66 -0.31 0.00	35.39 -0.61 0.00	42.23 -0.91 0.00	34.44 -0.74 0.00	29.00 -0.74 0.00	25.35 -0.62 0.00	23.78 -0.61 0.00	22.43 -0.60 0.00	22.45 -0.57 0.00	22.45 -0.57 0.00	24.02 -0.61 0.00	28.99 -0.62 0.00	38.26 -0.70 0.00	46.18 -0.75 0.00	45.02 -0.78 0.00	34.23 -0.59 0.00	31.27 -0.44 0.00	29.00 -0.29 0.00	25.70 -0.13 0.00
ALLEGHENY___COGEN 23514	24.65 1.76 0.00	23.41 1.61 0.00	20.93 1.41 0.00	20.53 1.36 0.00	22.38 1.50 0.00	26.06 2.08 0.00	39.42 3.42 0.00	46.16 3.02 0.00	38.42 3.23 0.00	32.13 2.38 0.00	27.67 1.69 0.00	25.73 1.34 0.00	23.95 0.92 0.00	24.01 0.99 0.00	24.03 1.01 0.00	25.96 1.33 0.00	30.26 0.65 0.00	40.05 1.09 0.00	52.48 1.12 -4.43	48.41 1.37 -1.24	36.73 1.91 0.00	32.66 0.95 0.00	30.93 1.64 0.00	27.40 1.58 0.00
ALTAMONT_115KV_TB 2 55880	23.55 0.66 0.00	22.43 0.63 0.00	20.11 0.59 0.00	19.70 0.54 0.00	21.44 0.56 0.00	24.62 0.65 0.00	36.99 1.33 0.34	44.49 1.81 0.47	36.27 1.37 0.28	30.73 1.19 0.21	26.80 1.07 0.24	25.20 1.00 0.19	23.84 0.94 0.13	23.87 0.97 0.13	23.86 0.97 0.13	25.51 1.03 0.16	30.54 1.24 0.31	40.52 1.68 0.11	65.48 2.02 -16.54	51.88 1.97 -4.11	36.09 1.36 0.09	32.83 1.30 0.18	30.22 1.14 0.21	26.52 0.83 0.14
ALTONA_WT_PWR 323606	22.73 -0.16 0.00	21.73 -0.07 0.00	19.49 -0.04 0.00	19.22 0.06 0.00	21.00 0.13 0.00	24.12 0.14 0.00	35.53 -0.47 0.00	41.85 -1.29 0.00	34.09 -1.09 0.00	28.97 -0.77 0.00	25.38 -0.60 0.00	23.83 -0.56 0.00	22.47 -0.55 0.00	22.59 -0.44 0.00	22.63 -0.39 0.00	24.29 -0.34 0.00	29.46 -0.15 0.00	38.61 -0.35 0.00	46.60 -0.33 0.00	45.34 -0.46 0.00	34.51 -0.31 0.00	31.81 0.10 0.00	29.91 0.62 0.00	26.58 0.75 0.00
AMERICAN_REF_FUEL 24010	23.53 0.64 0.00	22.39 0.59 0.00	20.09 0.57 0.00	19.74 0.57 0.00	21.33 0.46 0.00	24.86 0.89 0.00	36.90 0.90 0.00	42.15 -0.99 0.00	35.53 0.35 0.00	30.10 0.36 0.00	26.24 0.26 0.00	24.48 0.10 0.00	23.07 0.05 0.00	22.91 -0.11 0.00	22.81 -0.21 0.00	24.63 0.00 0.00	29.35 -0.27 0.00	38.34 -0.62 0.00	49.24 -1.88 -4.19	45.36 -1.60 -1.17	34.89 0.07 0.00	30.92 -0.79 0.00	28.47 -0.82 0.00	25.55 -0.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.40 1.51 0.00	23.26 1.46 0.00	20.91 1.39 0.00	20.53 1.36 0.00	22.25 1.38 0.00	26.01 2.04 0.00	38.81 2.81 0.00	44.82 1.68 0.00	37.82 2.64 0.00	32.04 2.29 0.00	27.90 1.92 0.00	26.04 1.66 0.00	24.50 1.47 0.00	24.31 1.29 0.00	24.17 1.15 0.00	26.09 1.45 0.00	31.15 1.54 0.00	40.99 2.02 0.00	52.08 0.66 -4.49	47.88 0.83 -1.26	37.15 2.33 0.00	32.66 0.95 0.00	29.91 0.62 0.00	26.66 0.83 0.00
ARTHUR_KILL_GT_1 23520	24.10 1.21 0.00	22.97 1.18 0.00	20.44 0.92 0.00	19.99 0.82 0.00	21.79 0.92 0.00	25.05 1.08 0.00	34.29 1.94 3.65	37.65 3.15 8.64	34.58 2.32 2.92	32.17 2.11 -0.31	28.40 2.05 -0.37	26.72 2.05 -0.28	25.20 1.98 -0.19	25.24 2.03 -0.19	25.28 2.05 -0.21	26.99 2.12 -0.24	32.58 2.49 -0.48	37.00 3.12 5.08	48.77 3.52 1.68	40.02 3.44 9.21	35.52 2.19 1.50	34.24 2.25 -0.28	31.87 2.26 -0.33	27.80 1.76 -0.21
ARTHUR_KILL_2 23512	24.03 1.14 0.00	22.93 1.13 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.75 0.88 0.00	25.00 1.03 0.00	34.18 1.83 3.65	37.52 3.02 8.64	34.48 2.22 2.92	32.08 2.02 -0.31	28.32 1.97 -0.37	26.64 1.97 -0.28	25.15 1.93 -0.19	25.17 1.96 -0.19	25.21 1.98 -0.21	26.92 2.04 -0.24	32.49 2.40 -0.48	36.88 3.00 5.08	48.63 3.38 1.68	39.88 3.30 9.21	35.41 2.09 1.50	34.15 2.16 -0.28	31.79 2.17 -0.33	27.72 1.68 -0.21
ARTHUR_KILL_3 23513	23.97 1.08 0.00	22.84 1.05 0.00	20.40 0.88 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	34.48 2.12 3.64	37.79 3.28 8.63	34.66 2.39 2.91	32.33 2.26 -0.32	28.51 2.16 -0.38	26.82 2.15 -0.29	25.30 2.07 -0.20	25.32 2.10 -0.20	25.35 2.12 -0.22	27.07 2.19 -0.25	32.62 2.52 -0.49	36.96 3.08 5.07	48.83 3.57 1.67	40.17 3.57 9.20	35.59 2.26 1.49	34.31 2.31 -0.28	31.82 2.20 -0.33	27.67 1.63 -0.21
ARTHUR_KILL_COGEN 323718	24.10 1.21 0.00	22.97 1.18 0.00	20.44 0.92 0.00	19.99 0.82 0.00	21.79 0.92 0.00	25.05 1.08 0.00	34.29 1.94 3.65	37.65 3.15 8.64	34.58 2.32 2.92	32.17 2.11 -0.31	28.40 2.05 -0.37	26.72 2.05 -0.28	25.20 1.98 -0.19	25.24 2.03 -0.19	25.28 2.05 -0.21	26.99 2.12 -0.24	32.58 2.49 -0.48	37.00 3.12 5.08	48.77 3.52 1.68	40.02 3.44 9.21	35.52 2.19 1.50	34.24 2.25 -0.28	31.87 2.26 -0.33	27.80 1.76 -0.21
ASHOKAN____ 23654	24.13 1.24 0.00	22.97 1.18 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.94 1.06 0.00	24.91 0.93 0.00	38.63 2.63 0.00	46.63 3.49 0.00	37.89 2.71 0.00	31.68 1.93 0.00	27.67 1.69 0.00	25.90 1.51 0.00	24.45 1.43 0.00	24.52 1.50 0.00	24.54 1.52 0.00	26.19 1.55 0.00	31.65 2.04 0.00	42.27 3.31 0.00	67.35 4.23 -16.19	54.31 3.98 -4.54	37.54 2.72 0.00	34.25 2.54 0.00	31.43 2.14 0.00	27.35 1.52 0.00

ASTORIA_EAST_ENERGY_CC1 323581	24.03 1.14 0.00	22.93 1.13 0.00	20.38 0.86 0.00	19.93 0.77 0.00	21.73 0.86 0.00	24.98 1.01 0.00	38.50 1.98 -0.52	46.98 3.11 -0.73	37.98 2.36 -0.44	32.20 2.14 -0.31	28.45 2.10 -0.37	26.77 2.10 -0.28	25.27 2.05 -0.19	25.29 2.07 -0.19	25.34 2.12 -0.21	27.02 2.14 -0.24	32.58 2.49 -0.48	42.25 3.12 -0.17	67.51 3.47 -17.11	54.83 3.44 -5.60	37.11 2.16 -0.13	34.22 2.22 -0.28	31.73 2.11 -0.33	27.70 1.65 -0.21
ASTORIA_EAST_ENERGY_CC2 323582	24.03 1.14 0.00	22.93 1.13 0.00	20.38 0.86 0.00	19.93 0.77 0.00	21.73 0.86 0.00	24.98 1.01 0.00	38.50 1.98 -0.52	46.98 3.11 -0.73	37.98 2.36 -0.44	32.20 2.14 -0.31	28.45 2.10 -0.37	26.77 2.10 -0.28	25.27 2.05 -0.19	25.29 2.07 -0.19	25.34 2.12 -0.21	27.02 2.14 -0.24	32.58 2.49 -0.48	42.25 3.12 -0.17	67.51 3.47 -17.11	54.83 3.44 -5.60	37.11 2.16 -0.13	34.22 2.22 -0.28	31.73 2.11 -0.33	27.70 1.65 -0.21
ASTORIA_GT2_1 24094	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT2_2 24095	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT2_3 24096	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT2_4 24097	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT3_1 24098	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT3_2 24099	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT3_3 24100	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT3_4 24101	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT4_1 24102	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT4_2 24103	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT4_3 24104	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT4_4 24105	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.96 0.98 0.00	38.55 2.02 -0.53	46.98 3.11 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.46 2.10 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.38 2.14 -0.22	27.03 2.14 -0.25	32.62 2.52 -0.49	42.30 3.16 -0.18	67.52 3.47 -17.12	54.84 3.43 -5.61	37.15 2.19 -0.14	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA_GT_1 23523	24.08 1.19 0.00	22.97 1.18 0.00	20.42 0.90 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.03 1.05 0.00	38.57 2.05 -0.52	47.06 3.19 -0.73	38.04 2.43 -0.44	32.26 2.20 -0.31	28.51 2.16 -0.37	26.84 2.17 -0.28	25.34 2.12 -0.19	25.36 2.14 -0.19	25.42 2.19 -0.21	27.07 2.19 -0.24	32.67 2.57 -0.48	42.36 3.23 -0.17	67.66 3.61 -17.11	54.97 3.57 -5.60	37.18 2.23 -0.13	34.28 2.28 -0.28	31.79 2.17 -0.33	27.75 1.70 -0.21

ASTORIA_GT_10 24110	24.03 1.14 0.00	22.93 1.13 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.66 2.12 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.38 2.14 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.25 2.30 -0.14	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
ASTORIA_GT_11 24225	24.03 1.14 0.00	22.93 1.13 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.66 2.12 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.38 2.14 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.25 2.30 -0.14	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
ASTORIA_GT_12 24226	24.03 1.14 0.00	22.93 1.13 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.66 2.12 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.38 2.14 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.25 2.30 -0.14	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
ASTORIA_GT_13 24227	24.03 1.14 0.00	22.93 1.13 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.66 2.12 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.38 2.14 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.25 2.30 -0.14	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
ASTORIA_GT_5 24106	24.08 1.19 0.00	22.97 1.18 0.00	20.42 0.90 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.03 1.05 0.00	38.57 2.05 -0.52	47.06 3.19 -0.73	38.04 2.43 -0.44	32.26 2.20 -0.31	28.51 2.16 -0.37	26.84 2.17 -0.28	25.34 2.12 -0.19	25.36 2.14 -0.19	25.42 2.19 -0.21	27.07 2.19 -0.24	32.67 2.57 -0.48	42.36 3.23 -0.17	67.66 3.61 -17.11	54.97 3.57 -5.60	37.18 2.23 -0.13	34.28 2.28 -0.28	31.79 2.17 -0.33	27.75 1.70 -0.21
ASTORIA_GT_7 24107	24.08 1.19 0.00	22.97 1.18 0.00	20.42 0.90 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.03 1.05 0.00	38.57 2.05 -0.52	47.06 3.19 -0.73	38.04 2.43 -0.44	32.26 2.20 -0.31	28.51 2.16 -0.37	26.84 2.17 -0.28	25.34 2.12 -0.19	25.36 2.14 -0.19	25.42 2.19 -0.21	27.07 2.19 -0.24	32.67 2.57 -0.48	42.36 3.23 -0.17	67.66 3.61 -17.11	54.97 3.57 -5.60	37.18 2.23 -0.13	34.28 2.28 -0.28	31.79 2.17 -0.33	27.75 1.70 -0.21
ASTORIA_GT_8 24108	24.08 1.19 0.00	23.00 1.20 0.00	20.42 0.90 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.00 1.03 0.00	38.62 2.09 -0.53	47.07 3.19 -0.73	38.05 2.43 -0.45	32.27 2.20 -0.32	28.51 2.16 -0.38	26.85 2.17 -0.29	25.35 2.12 -0.20	25.34 2.12 -0.20	25.42 2.19 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.62 3.57 -17.12	54.93 3.53 -5.61	37.18 2.23 -0.14	34.31 2.32 -0.28	31.79 2.17 -0.33	27.75 1.70 -0.21
ASTORIA___2 24149	24.06 1.17 0.00	22.93 1.13 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.73 0.86 0.00	25.00 1.03 0.00	38.54 2.01 -0.52	46.98 3.11 -0.73	38.01 2.39 -0.44	32.20 2.14 -0.31	28.45 2.10 -0.37	26.79 2.12 -0.28	25.29 2.07 -0.19	25.31 2.10 -0.19	25.37 2.14 -0.21	27.02 2.14 -0.24	32.61 2.52 -0.48	42.29 3.15 -0.17	67.56 3.52 -17.11	54.88 3.48 -5.60	37.11 2.16 -0.13	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
ASTORIA___3 23516	24.03 1.14 0.00	22.91 1.11 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.65 2.12 -0.52	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.09 -0.20	25.34 2.12 -0.20	25.35 2.12 -0.22	27.10 2.22 -0.25	32.68 2.57 -0.49	42.34 3.20 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.21 2.26 -0.13	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
ASTORIA___4 23517	24.03 1.14 0.00	22.93 1.13 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.66 2.12 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.38 2.14 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.25 2.30 -0.14	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
ASTORIA___5 23518	24.03 1.14 0.00	22.91 1.11 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.65 2.12 -0.52	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.09 -0.20	25.34 2.12 -0.20	25.35 2.12 -0.22	27.10 2.22 -0.25	32.68 2.57 -0.49	42.34 3.20 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.21 2.26 -0.13	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
AST_ENERGY_2_CC3 323677	24.10 1.21 0.00	22.97 1.18 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.24 1.27 0.00	38.91 2.38 -0.53	47.45 3.58 -0.73	38.27 2.64 -0.45	32.51 2.44 -0.32	28.65 2.29 -0.38	26.94 2.27 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.42 2.19 -0.22	27.20 2.31 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.94 3.89 -17.12	55.29 3.89 -5.61	37.46 2.51 -0.14	34.50 2.50 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
AST_ENERGY_2_CC4 323678	24.10 1.21 0.00	22.97 1.18 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.24 1.27 0.00	38.91 2.38 -0.53	47.45 3.58 -0.73	38.27 2.64 -0.45	32.51 2.44 -0.32	28.65 2.29 -0.38	26.94 2.27 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.42 2.19 -0.22	27.20 2.31 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.94 3.89 -17.12	55.29 3.89 -5.61	37.46 2.51 -0.14	34.50 2.50 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
ATHENS_STG_1 23668	23.62 0.73 0.00	22.49 0.70 0.00	20.15 0.62 0.00	19.76 0.59 0.00	21.50 0.63 0.00	24.72 0.74 0.00	37.61 1.44 -0.17	45.44 2.07 -0.23	36.87 1.55 -0.14	31.24 1.40 -0.10	27.37 1.27 -0.12	25.70 1.22 -0.09	24.26 1.17 -0.06	24.28 1.20 -0.06	24.28 1.20 -0.06	25.97 1.26 -0.08	31.27 1.51 -0.15	40.93 1.91 -0.06	66.21 2.25 -17.03	53.02 2.20 -5.02	36.36 1.50 -0.04	33.26 1.46 -0.09	30.74 1.35 -0.10	26.88 0.98 -0.07
ATHENS_STG_2 23670	23.62 0.73 0.00	22.49 0.70 0.00	20.15 0.62 0.00	19.76 0.59 0.00	21.50 0.63 0.00	24.72 0.74 0.00	37.61 1.44 -0.17	45.44 2.07 -0.23	36.87 1.55 -0.14	31.24 1.40 -0.10	27.37 1.27 -0.12	25.70 1.22 -0.09	24.26 1.17 -0.06	24.28 1.20 -0.06	24.28 1.20 -0.06	25.97 1.26 -0.08	31.27 1.51 -0.15	40.93 1.91 -0.06	66.21 2.25 -17.03	53.02 2.20 -5.02	36.36 1.50 -0.04	33.26 1.46 -0.09	30.74 1.35 -0.10	26.88 0.98 -0.07

ATHENS_STG_3 23677	23.62 0.73 0.00	22.49 0.70 0.00	20.15 0.62 0.00	19.76 0.59 0.00	21.50 0.63 0.00	24.72 0.74 0.00	37.61 1.44 -0.17	45.44 2.07 -0.23	36.87 1.55 -0.14	31.24 1.40 -0.10	27.37 1.27 -0.12	25.70 1.22 -0.09	24.26 1.17 -0.06	24.28 1.20 -0.06	24.28 1.20 -0.06	25.97 1.26 -0.08	31.27 1.51 -0.15	40.93 1.91 -0.06	66.21 2.25 -17.03	53.02 2.20 -5.02	36.36 1.50 -0.04	33.26 1.46 -0.09	30.74 1.35 -0.10	26.88 0.98 -0.07
AUBURN____LFGE 323710	23.65 0.76 0.00	22.45 0.65 0.00	20.09 0.57 0.00	19.74 0.57 0.00	21.52 0.65 0.00	24.86 0.89 0.00	37.37 1.37 0.00	44.44 1.29 0.00	36.48 1.30 0.00	30.91 1.16 0.00	26.86 0.88 0.00	25.17 0.78 0.00	23.72 0.69 0.00	23.65 0.62 0.00	23.62 0.60 0.00	25.32 0.69 0.00	30.41 0.80 0.00	40.01 1.05 0.00	51.87 1.13 -3.81	48.01 1.14 -1.07	36.04 1.22 0.00	32.51 0.79 0.00	29.90 0.62 0.00	26.45 0.62 0.00
BABYLON_RES_REC 323704	24.98 1.40 -0.70	23.85 1.31 -0.75	21.45 1.07 -0.85	21.05 1.02 -0.87	22.78 1.17 -0.74	26.38 1.54 -0.87	45.47 2.12 -7.34	61.81 3.37 -15.30	51.59 2.64 -13.77	39.79 2.41 -7.63	35.77 2.44 -7.35	29.24 2.39 -2.46	26.98 2.32 -1.63	27.10 2.46 -1.61	28.22 2.30 -2.90	30.01 2.51 -2.86	35.73 3.08 -3.04	45.98 3.39 -3.63	98.95 3.99 -48.04	61.84 3.85 -12.20	42.27 2.75 -4.70	37.11 2.89 -2.51	34.84 2.84 -2.71	29.09 2.17 -1.09
BABYLON__69_KV_BK2 356345	26.43 1.42 -2.12	25.43 1.35 -2.28	23.22 1.09 -2.61	22.86 1.03 -2.66	24.33 1.21 -2.25	27.64 1.51 -2.16	59.52 2.20 -21.32	90.47 3.37 -43.97	75.00 2.60 -37.22	53.75 2.41 -21.59	45.50 2.49 -17.03	32.30 2.44 -5.48	29.03 2.39 -3.61	28.98 2.37 -3.58	32.06 2.39 -6.65	33.73 2.64 -6.47	39.47 3.29 -6.57	53.00 3.62 -10.42	160.09 4.27 -108.88	75.03 4.08 -25.16	50.83 2.92 -13.09	40.96 3.08 -6.17	38.22 2.93 -6.00	30.37 2.25 -2.29
BALL_HILL_WT_PWR 323825	24.17 1.28 0.00	23.00 1.20 0.00	20.64 1.11 0.00	20.28 1.11 0.00	21.94 1.06 0.00	25.63 1.65 0.00	38.16 2.16 0.00	43.92 0.78 0.00	37.08 1.90 0.00	31.41 1.66 0.00	27.33 1.35 0.00	25.51 1.12 0.00	24.04 1.01 0.00	23.88 0.85 0.00	23.76 0.74 0.00	25.64 1.01 0.00	30.59 0.98 0.00	40.13 1.17 0.00	51.08 -0.28 -4.43	46.99 -0.05 -1.24	36.49 1.67 0.00	32.22 0.51 0.00	29.61 0.32 0.00	26.50 0.67 0.00
BARON_WINDS____WT_PWR 323822	23.90 1.01 0.00	22.78 0.98 0.00	20.42 0.90 0.00	20.09 0.92 0.00	21.83 0.96 0.00	25.39 1.41 0.00	38.05 2.05 0.00	44.48 1.34 0.00	36.90 1.72 0.00	31.29 1.55 0.00	27.23 1.25 0.00	25.43 1.05 0.00	23.95 0.92 0.00	23.85 0.83 0.00	23.78 0.76 0.00	25.59 0.96 0.00	30.59 0.98 0.00	40.21 1.25 0.00	52.58 0.47 -5.18	47.80 0.55 -1.45	36.49 1.67 0.00	32.51 0.79 0.00	29.93 0.64 0.00	26.63 0.80 0.00
BARRETT_IC_1 23704	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_10 23701	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_11 23702	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_12 23703	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_2 23705	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_3 23706	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_4 23707	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_5 23708	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_6 23709	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22

BARRETT_IC_7 23710	24.15 1.26 0.00	23.00 1.20 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.27 1.29 0.00	38.48 1.94 -0.53	46.90 3.02 -0.73	37.91 2.29 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.34 2.12 -0.20	27.15 2.27 -0.25	32.77 2.67 -0.49	42.22 3.08 -0.18	67.47 3.43 -17.11	54.88 3.48 -5.61	37.32 2.37 -0.14	34.44 2.44 -0.28	32.02 2.40 -0.33	27.88 1.83 -0.21
BARRETT_IC_8 23711	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT_IC_9 23700	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT___1 23545	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BARRETT___2 23546	24.15 1.26 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.10 0.94 0.00	21.92 1.04 0.00	25.31 1.34 0.00	38.40 1.87 -0.53	46.89 3.02 -0.73	37.81 2.18 -0.45	32.18 2.11 -0.32	28.54 2.18 -0.38	26.82 2.15 -0.29	25.32 2.09 -0.20	25.39 2.16 -0.20	25.31 2.09 -0.20	27.13 2.24 -0.26	32.74 2.63 -0.50	42.10 2.96 -0.18	67.38 3.33 -17.11	54.84 3.44 -5.61	37.25 2.30 -0.14	34.44 2.44 -0.28	32.03 2.40 -0.34	27.88 1.83 -0.22
BATAVIA___115KV_TB1 55881	24.17 1.28 0.00	22.89 1.09 0.00	20.50 0.98 0.00	20.18 1.02 0.00	21.90 1.02 0.00	25.60 1.63 0.00	38.12 2.12 0.00	44.13 0.99 0.00	37.19 2.01 0.00	31.32 1.58 0.00	27.15 1.17 0.00	25.31 0.93 0.00	23.88 0.85 0.00	23.72 0.69 0.00	23.62 0.60 0.00	25.52 0.89 0.00	30.44 0.83 0.00	39.90 0.94 0.00	51.37 0.47 -3.97	47.55 0.64 -1.11	36.35 1.53 0.00	32.22 0.51 0.00	29.70 0.41 0.00	26.47 0.65 0.00
BAYONEEC___CTG1 323682	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG10 323750	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG2 323683	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG3 323684	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG4 323685	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG5 323686	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG6 323687	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG7 323688	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BAYONEEC___CTG8 323689	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21

BAYONEEC___CTG9 323749	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.48 2.41 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.17 2.29 -0.25	32.74 2.63 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.93 2.31 -0.33	27.77 1.73 -0.21
BEACON___LESR 323632	23.74 0.85 0.00	22.58 0.78 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.52 0.65 0.00	24.72 0.74 0.00	37.07 1.58 0.51	44.51 2.07 0.71	36.30 1.55 0.43	30.78 1.34 0.31	26.83 1.22 0.37	25.23 1.12 0.28	23.87 1.04 0.20	23.92 1.08 0.19	23.91 1.08 0.19	25.55 1.16 0.24	30.56 1.42 0.47	40.85 2.06 0.17	65.22 2.53 -15.76	51.85 2.43 -3.63	36.36 1.67 0.13	33.03 1.59 0.27	30.32 1.35 0.32	26.58 0.96 0.21
BEAVER RIVER___HYD 24048	22.98 0.09 0.00	21.84 0.04 0.00	19.52 0.00 0.00	19.26 0.10 0.00	20.98 0.10 0.00	24.12 0.14 0.00	36.22 0.22 0.00	43.36 0.22 0.00	35.32 0.14 0.00	29.60 -0.15 0.00	25.64 -0.34 0.00	23.97 -0.41 0.00	22.56 -0.46 0.00	22.54 -0.48 0.00	22.54 -0.48 0.00	24.24 -0.40 0.00	29.41 -0.21 0.00	39.00 0.04 0.00	48.58 0.42 -1.23	46.55 0.41 -0.34	35.17 0.35 0.00	31.97 0.25 0.00	29.52 0.23 0.00	26.01 0.18 0.00
BEEBEE_GT_13 23619	23.58 0.69 0.00	22.34 0.54 0.00	19.99 0.47 0.00	19.64 0.48 0.00	21.37 0.50 0.00	24.81 0.84 0.00	37.08 1.08 0.00	43.49 0.35 0.00	36.20 1.02 0.00	30.55 0.80 0.00	26.52 0.55 0.00	24.80 0.41 0.00	23.42 0.39 0.00	23.30 0.28 0.00	23.25 0.23 0.00	25.00 0.37 0.00	29.91 0.30 0.00	39.19 0.23 0.00	50.71 0.14 -3.64	47.09 0.27 -1.02	35.48 0.66 0.00	31.81 0.10 0.00	29.32 0.03 0.00	26.04 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.17 1.28 0.00	23.08 1.29 0.00	20.52 1.00 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.17 1.20 0.00	38.91 2.38 -0.53	47.50 3.62 -0.73	38.37 2.74 -0.45	32.54 2.47 -0.32	28.72 2.36 -0.38	27.02 2.34 -0.29	25.48 2.26 -0.20	25.50 2.28 -0.20	25.56 2.33 -0.22	27.27 2.39 -0.25	32.91 2.81 -0.49	42.69 3.55 -0.18	68.04 3.99 -17.12	55.30 3.89 -5.61	37.53 2.58 -0.14	34.57 2.57 -0.28	32.08 2.46 -0.33	27.93 1.89 -0.21
BETHLEHEM___GRP 23843	23.46 0.57 0.00	22.34 0.54 0.00	19.99 0.47 0.00	19.59 0.42 0.00	21.27 0.40 0.00	24.38 0.41 0.00	36.49 0.97 0.48	43.72 1.25 0.67	35.66 0.88 0.41	30.28 0.83 0.29	26.39 0.75 0.35	24.83 0.71 0.26	23.51 0.67 0.18	23.51 0.67 0.18	23.53 0.69 0.18	25.12 0.71 0.23	30.03 0.86 0.45	40.01 1.21 0.16	64.28 1.45 -15.89	50.93 1.42 -3.71	35.60 0.91 0.12	32.41 0.95 0.26	29.81 0.82 0.30	26.13 0.49 0.19
BETHLEHEM___GS1 323560	23.46 0.57 0.00	22.32 0.52 0.00	19.97 0.45 0.00	19.59 0.42 0.00	21.27 0.40 0.00	24.38 0.41 0.00	36.45 0.93 0.48	43.72 1.25 0.67	35.66 0.88 0.41	30.28 0.83 0.29	26.36 0.73 0.35	24.83 0.71 0.26	23.51 0.67 0.18	23.53 0.69 0.18	23.51 0.67 0.18	25.12 0.71 0.23	30.03 0.86 0.45	40.01 1.21 0.16	64.28 1.46 -15.89	50.93 1.42 -3.71	35.57 0.87 0.12	32.41 0.95 0.26	29.81 0.82 0.30	26.12 0.49 0.19
BETHLEHEM___GS2 323561	23.46 0.57 0.00	22.32 0.52 0.00	19.97 0.45 0.00	19.59 0.42 0.00	21.27 0.40 0.00	24.38 0.41 0.00	36.45 0.93 0.48	43.72 1.25 0.67	35.66 0.88 0.41	30.28 0.83 0.29	26.36 0.73 0.35	24.83 0.71 0.26	23.51 0.67 0.18	23.53 0.69 0.18	23.51 0.67 0.18	25.12 0.71 0.23	30.03 0.86 0.45	40.01 1.21 0.16	64.28 1.46 -15.89	50.93 1.42 -3.71	35.57 0.87 0.12	32.41 0.95 0.26	29.81 0.82 0.30	26.12 0.49 0.19
BETHLEHEM___GS3 323562	23.46 0.57 0.00	22.32 0.52 0.00	19.97 0.45 0.00	19.59 0.42 0.00	21.27 0.40 0.00	24.38 0.41 0.00	36.45 0.93 0.48	43.72 1.25 0.67	35.66 0.88 0.41	30.28 0.83 0.29	26.36 0.73 0.35	24.83 0.71 0.26	23.51 0.67 0.18	23.53 0.69 0.18	23.51 0.67 0.18	25.12 0.71 0.23	30.03 0.86 0.45	40.01 1.21 0.16	64.28 1.46 -15.89	50.93 1.42 -3.71	35.57 0.87 0.12	32.41 0.95 0.26	29.81 0.82 0.30	26.12 0.49 0.19
BETHLEHEM___STEEL 23779	24.10 1.21 0.00	22.87 1.07 0.00	20.50 0.98 0.00	20.20 1.03 0.00	21.88 1.00 0.00	25.60 1.63 0.00	37.84 1.84 0.00	43.62 0.47 0.00	36.76 1.58 0.00	31.14 1.40 0.00	27.10 1.12 0.00	25.31 0.93 0.00	23.83 0.81 0.00	23.69 0.67 0.00	23.57 0.55 0.00	25.45 0.81 0.00	30.35 0.74 0.00	39.70 0.74 0.00	50.63 -0.66 -4.36	46.60 -0.41 -1.22	36.11 1.29 0.00	31.87 0.16 0.00	29.41 0.12 0.00	26.35 0.52 0.00
BETHLHEM_115KV_TB1 79974	23.51 0.62 0.00	22.36 0.57 0.00	20.01 0.49 0.00	19.61 0.44 0.00	21.31 0.44 0.00	24.43 0.46 0.00	36.58 1.04 0.46	43.89 1.38 0.64	35.78 0.99 0.39	30.36 0.89 0.28	26.45 0.81 0.33	24.89 0.76 0.25	23.56 0.71 0.18	23.59 0.74 0.17	23.58 0.74 0.17	25.20 0.79 0.22	30.14 0.95 0.42	40.13 1.32 0.16	64.52 1.60 -15.99	51.08 1.51 -3.77	35.68 0.97 0.12	32.48 1.01 0.25	29.88 0.88 0.29	26.21 0.57 0.18
BETHPAGE_CC_5 323564	24.33 1.44 0.00	23.15 1.35 0.00	20.64 1.11 0.00	20.24 1.07 0.00	22.08 1.21 0.00	25.75 1.56 -0.22	38.73 2.20 -0.53	54.62 3.41 -8.07	45.61 2.67 -7.75	36.28 2.44 -4.10	33.18 2.44 -4.76	28.46 2.41 -1.66	26.49 2.37 -1.10	26.53 2.42 -1.09	27.20 2.28 -1.90	29.01 2.49 -1.89	34.70 2.99 -2.10	44.15 3.27 -1.92	83.38 3.76 -32.69	58.39 3.67 -8.93	40.03 2.64 -2.56	36.03 2.76 -1.56	33.96 2.84 -1.83	28.79 2.19 -0.77
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.15 1.26 0.00	22.91 1.11 0.00	20.54 1.02 0.00	20.24 1.07 0.00	21.92 1.04 0.00	25.68 1.70 0.00	37.94 1.94 0.00	43.79 0.65 0.00	36.91 1.72 0.00	31.26 1.52 0.00	27.20 1.22 0.00	25.41 1.02 0.00	23.92 0.90 0.00	23.76 0.74 0.00	23.64 0.62 0.00	25.52 0.89 0.00	30.44 0.83 0.00	39.86 0.90 0.00	50.66 -0.66 -4.38	46.66 -0.37 -1.23	36.28 1.46 0.00	32.00 0.29 0.00	29.52 0.23 0.00	26.45 0.62 0.00
BINGHAMTON___COGEN 23790	23.76 0.87 0.00	22.58 0.78 0.00	20.23 0.70 0.00	19.87 0.71 0.00	21.62 0.75 0.00	24.98 1.01 0.00	37.58 1.58 0.00	44.65 1.51 0.00	36.62 1.44 0.00	30.99 1.25 0.00	26.99 1.01 0.00	25.29 0.90 0.00	23.83 0.81 0.00	23.79 0.76 0.00	23.76 0.74 0.00	25.47 0.84 0.00	30.56 0.95 0.00	40.21 1.25 0.00	54.67 1.08 -6.66	48.76 1.10 -1.86	36.18 1.36 0.00	32.63 0.92 0.00	30.08 0.79 0.00	26.58 0.75 0.00
BIXINCNT_115KV_LOAD 355685	24.10 1.21 0.00	22.95 1.16 0.00	20.64 1.11 0.00	20.33 1.17 0.00	22.04 1.17 0.00	25.82 1.85 0.00	38.27 2.27 0.00	44.39 1.25 0.00	37.43 2.25 0.00	31.77 2.02 0.00	27.62 1.64 0.00	25.78 1.39 0.00	24.25 1.22 0.00	24.06 1.04 0.00	23.92 0.90 0.00	25.82 1.18 0.00	30.83 1.21 0.00	40.44 1.48 0.00	51.15 -0.28 -4.50	47.01 -0.05 -1.26	36.87 2.05 0.00	32.48 0.76 0.00	29.90 0.62 0.00	26.73 0.90 0.00

BLACK RIVER___HYD 24047	23.17 0.28 0.00	22.02 0.22 0.00	19.66 0.14 0.00	19.40 0.23 0.00	21.12 0.25 0.00	24.31 0.34 0.00	36.61 0.61 0.00	43.75 0.60 0.00	35.64 0.46 0.00	29.81 0.06 0.00	25.74 -0.23 0.00	24.07 -0.32 0.00	22.63 -0.39 0.00	22.59 -0.44 0.00	22.58 -0.44 0.00	24.34 -0.29 0.00	29.52 -0.09 0.00	39.24 0.27 0.00	49.48 0.80 -1.75	47.11 0.83 -0.49	35.52 0.70 0.00	32.22 0.51 0.00	29.70 0.41 0.00	26.11 0.28 0.00
BLACKRVR_115KV_TB2 79977	23.17 0.27 0.00	21.99 0.20 0.00	19.66 0.14 0.00	19.40 0.23 0.00	21.12 0.25 0.00	24.33 0.36 0.00	36.58 0.58 0.00	43.75 0.60 0.00	35.64 0.46 0.00	29.80 0.06 0.00	25.74 -0.23 0.00	24.07 -0.32 0.00	22.63 -0.39 0.00	22.59 -0.44 0.00	22.58 -0.44 0.00	24.34 -0.30 0.00	29.52 -0.09 0.00	39.23 0.27 0.00	49.48 0.80 -1.75	47.06 0.78 -0.49	35.52 0.70 0.00	32.22 0.51 0.00	29.70 0.41 0.00	26.11 0.28 0.00
BLISS_WT_PWR 323608	24.03 1.14 0.00	22.97 1.18 0.00	20.68 1.15 0.00	20.32 1.15 0.00	22.02 1.15 0.00	25.72 1.75 0.00	38.38 2.38 0.00	44.39 1.25 0.00	37.43 2.25 0.00	31.80 2.05 0.00	27.64 1.66 0.00	25.77 1.39 0.00	24.27 1.24 0.00	24.09 1.06 0.00	23.92 0.90 0.00	25.79 1.16 0.00	30.86 1.24 0.00	40.56 1.60 0.00	51.16 -0.28 -4.50	47.01 -0.05 -1.26	36.94 2.12 0.00	32.57 0.86 0.00	29.91 0.62 0.00	26.73 0.90 0.00
BLUESTONE___WT_PWR 323821	24.70 1.81 0.00	23.50 1.70 0.00	20.99 1.47 0.00	20.70 1.53 0.00	22.56 1.69 0.00	26.08 2.11 0.00	39.49 3.49 0.00	47.24 4.10 0.00	38.59 3.41 0.00	32.42 2.68 0.00	28.08 2.10 0.00	26.24 1.85 0.00	24.73 1.70 0.00	24.66 1.63 0.00	24.63 1.61 0.00	26.50 1.87 0.00	32.04 2.43 0.00	42.47 3.51 0.00	58.44 4.18 -7.33	51.92 4.07 -2.05	38.37 3.55 0.00	34.63 2.92 0.00	31.81 2.52 0.00	27.92 2.09 0.00
BLUE_CIRC_CHEM_DRP 24182	23.67 0.78 0.00	22.54 0.74 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.52 0.65 0.00	24.69 0.72 0.00	37.10 1.44 0.34	44.57 1.90 0.47	36.30 1.41 0.28	30.73 1.19 0.21	26.80 1.07 0.24	25.18 0.98 0.19	23.82 0.92 0.13	23.84 0.94 0.13	23.84 0.94 0.13	25.46 0.99 0.16	30.54 1.24 0.31	40.56 1.71 0.11	65.25 2.06 -16.25	51.84 2.02 -4.03	36.16 1.43 0.09	32.90 1.36 0.18	30.28 1.20 0.21	26.55 0.85 0.14
BOC_GAS_DRP 24189	23.51 0.62 0.00	22.39 0.59 0.00	20.07 0.55 0.00	19.66 0.50 0.00	21.37 0.50 0.00	24.55 0.58 0.00	36.82 1.15 0.33	44.32 1.64 0.46	36.10 1.20 0.28	30.61 1.07 0.20	26.70 0.96 0.24	25.13 0.93 0.18	23.77 0.87 0.13	23.80 0.90 0.13	23.79 0.90 0.13	25.41 0.94 0.16	30.46 1.15 0.31	40.37 1.52 0.11	65.23 1.78 -16.51	51.65 1.74 -4.11	35.92 1.18 0.09	32.71 1.17 0.18	30.14 1.05 0.21	26.44 0.75 0.13
BOONVILLE_115KV_TB1 79983	23.44 0.55 0.00	22.28 0.48 0.00	19.93 0.41 0.00	19.63 0.46 0.00	21.37 0.50 0.00	24.62 0.65 0.00	37.04 1.04 0.00	44.48 1.34 0.00	36.31 1.13 0.00	30.55 0.80 0.00	26.50 0.52 0.00	24.80 0.41 0.00	23.39 0.37 0.00	23.35 0.32 0.00	23.32 0.30 0.00	25.05 0.42 0.00	30.29 0.68 0.00	40.05 1.09 0.00	49.46 1.55 -0.98	47.53 1.47 -0.27	36.04 1.22 0.00	32.73 1.01 0.00	30.17 0.88 0.00	26.53 0.70 0.00
BORALEX_4TH_BRANCH 23824	23.76 0.87 0.00	22.60 0.81 0.00	20.29 0.76 0.00	19.86 0.69 0.00	21.58 0.71 0.00	24.93 0.96 0.00	36.45 1.91 1.46	43.89 2.76 2.01	36.07 2.11 1.22	30.56 1.70 0.88	26.44 1.51 1.04	25.00 1.41 0.80	23.80 1.34 0.56	23.86 1.38 0.55	23.85 1.38 0.55	25.45 1.50 0.69	30.20 1.92 1.34	41.04 2.57 0.49	61.47 3.00 -11.53	49.72 2.93 -0.99	36.46 2.02 0.37	32.84 1.90 0.78	30.08 1.70 0.90	26.51 1.27 0.59
BOWLINE___1 23526	23.90 1.01 0.00	22.76 0.96 0.00	20.34 0.82 0.00	19.93 0.77 0.00	21.69 0.81 0.00	24.98 1.01 0.00	38.34 1.91 -0.43	46.58 2.85 -0.60	37.69 2.15 -0.36	31.94 1.93 -0.26	28.08 1.79 -0.31	26.35 1.73 -0.24	24.85 1.66 -0.16	24.89 1.70 -0.16	24.89 1.70 -0.16	26.61 1.77 -0.20	32.11 2.10 -0.40	41.79 2.69 -0.15	65.67 3.24 -15.51	53.96 3.16 -5.01	37.13 2.19 -0.11	34.00 2.06 -0.23	31.43 1.88 -0.27	27.40 1.39 -0.17
BOWLINE___2 23595	23.90 1.01 0.00	22.76 0.96 0.00	20.34 0.82 0.00	19.93 0.77 0.00	21.69 0.81 0.00	24.98 1.01 0.00	38.34 1.91 -0.43	46.58 2.85 -0.60	37.69 2.15 -0.36	31.94 1.93 -0.26	28.08 1.79 -0.31	26.35 1.73 -0.24	24.85 1.66 -0.16	24.89 1.70 -0.16	24.89 1.70 -0.16	26.61 1.77 -0.20	32.11 2.10 -0.40	41.79 2.69 -0.15	65.67 3.24 -15.51	53.96 3.16 -5.01	37.13 2.19 -0.11	34.00 2.06 -0.23	31.43 1.88 -0.27	27.40 1.39 -0.17
BRADY___115KV_TB2 356060	22.78 -0.11 0.00	21.73 -0.07 0.00	19.45 -0.08 0.00	19.15 -0.02 0.00	20.85 -0.02 0.00	23.83 -0.14 0.00	36.50 0.50 0.00	43.44 0.30 0.00	35.22 0.04 0.00	29.30 -0.45 0.00	25.41 -0.57 0.00	23.70 -0.68 0.00	22.29 -0.74 0.00	22.29 -0.74 0.00	22.28 -0.74 0.00	23.97 -0.67 0.00	29.29 -0.33 0.00	39.04 0.08 0.00	48.13 0.70 -0.50	46.44 0.50 -0.14	35.27 0.45 0.00	32.32 0.60 0.00	30.08 0.79 0.00	26.66 0.83 0.00
BRANSCOMB___SOLAR 323811	23.81 0.92 0.00	22.65 0.85 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.81 0.94 0.00	25.15 1.17 0.00	37.75 2.27 0.52	45.53 3.11 0.72	37.14 2.39 0.44	31.30 1.88 0.32	27.24 1.64 0.37	25.59 1.49 0.29	24.18 1.36 0.20	24.23 1.40 0.20	24.21 1.38 0.20	25.86 1.48 0.25	30.91 1.78 0.48	41.40 2.61 0.18	66.29 3.24 -16.12	52.67 3.16 -3.71	36.98 2.30 0.13	33.43 2.00 0.28	30.66 1.70 0.32	26.86 1.24 0.21
BRENTWOD_69_KV_W. BRTWOOD 56703	25.70 1.21 -1.59	24.66 1.16 -1.71	22.40 0.92 -1.96	22.03 0.86 -2.00	23.56 1.00 -1.69	26.93 1.27 -1.68	53.84 1.69 -16.15	79.25 2.76 -33.35	65.85 2.11 -28.55	48.19 2.02 -16.43	41.69 2.23 -13.47	30.98 2.22 -4.37	28.07 2.16 -2.88	28.02 2.14 -2.86	30.46 2.16 -5.27	32.16 2.39 -5.14	37.88 2.99 -5.27	49.90 3.04 -7.90	136.90 3.61 -86.35	69.54 3.39 -20.36	47.21 2.40 -9.99	39.26 2.73 -4.82	36.75 2.67 -4.79	29.69 2.01 -1.85
BRISTLHL_115KV_TB1 79998	22.89 0.00 0.00	21.78 -0.02 0.00	19.49 -0.04 0.00	19.13 -0.04 0.00	20.85 -0.02 0.00	23.97 0.00 0.00	35.86 -0.14 0.00	42.80 -0.35 0.00	35.01 -0.18 0.00	29.60 -0.15 0.00	25.80 -0.18 0.00	24.19 -0.20 0.00	22.82 -0.21 0.00	22.80 -0.23 0.00	22.77 -0.25 0.00	24.39 -0.25 0.00	29.26 -0.36 0.00	38.49 -0.47 0.00	49.12 -0.56 -2.75	46.02 -0.55 -0.77	34.58 -0.24 0.00	31.33 -0.38 0.00	28.88 -0.41 0.00	25.57 -0.26 0.00
BROOKHAVEN___DRP 24191	40.37 1.69 -15.78	40.33 1.59 -16.94	40.24 1.33 -19.39	40.23 1.26 -19.80	39.04 1.44 -16.72	40.35 1.77 -14.60	193.76 2.59 -155.17	365.40 3.71 -318.55	300.54 2.92 -262.44	187.93 2.77 -155.42	139.32 2.75 -110.59	61.72 2.68 -34.65	48.34 2.58 -22.74	48.19 2.58 -22.59	68.52 2.60 -42.90	68.89 2.86 -41.40	73.89 3.49 -40.78	118.34 3.94 -75.44	743.32 4.65 -691.74	199.54 4.40 -149.35	131.59 3.20 -93.57	76.43 3.30 -41.42	70.37 3.19 -37.89	42.31 2.48 -14.00

BROOKLYN_NAVY_YARD 23515	24.08 1.19 0.00	22.95 1.15 0.00	20.50 0.98 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.24 1.27 0.00	38.94 2.41 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.53 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.48 2.26 -0.20	25.47 2.23 -0.22	27.22 2.34 -0.25	32.82 2.72 -0.49	42.53 3.39 -0.18	68.04 3.99 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.54 2.54 -0.28	31.99 2.37 -0.33	27.85 1.81 -0.21
BROOKLYN___ARMY_DRP 323595	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
BROOKVLE_69_KV_TB1 55790	24.36 1.46 0.00	23.21 1.42 0.00	20.68 1.15 0.00	20.28 1.11 0.00	22.13 1.25 0.00	25.62 1.53 -0.11	39.02 2.48 -0.53	47.54 3.67 -0.73	39.12 2.88 -1.06	32.78 2.62 -0.42	29.80 2.55 -1.27	27.44 2.49 -0.57	25.83 2.42 -0.38	25.82 2.42 -0.38	26.01 2.44 -0.54	27.83 2.61 -0.58	33.60 3.17 -0.81	42.92 3.78 -0.18	68.46 4.41 -17.11	55.66 4.26 -5.61	38.12 3.03 -0.27	35.17 3.01 -0.44	32.73 2.81 -0.63	28.35 2.20 -0.32
BROOME_2_LFGE 323671	23.76 0.87 0.00	22.60 0.81 0.00	20.25 0.72 0.00	19.88 0.71 0.00	21.62 0.75 0.00	24.98 1.01 0.00	37.58 1.58 0.00	44.65 1.51 0.00	36.59 1.41 0.00	30.99 1.25 0.00	26.99 1.01 0.00	25.29 0.90 0.00	23.83 0.81 0.00	23.78 0.76 0.00	23.76 0.74 0.00	25.47 0.84 0.00	30.56 0.95 0.00	40.24 1.28 0.00	54.67 1.08 -6.66	48.76 1.10 -1.86	36.21 1.39 0.00	32.63 0.92 0.00	30.08 0.79 0.00	26.58 0.75 0.00
BROOME___LFGE 323600	23.76 0.87 0.00	22.60 0.81 0.00	20.25 0.72 0.00	19.88 0.71 0.00	21.62 0.75 0.00	24.98 1.01 0.00	37.58 1.58 0.00	44.65 1.51 0.00	36.59 1.41 0.00	30.99 1.25 0.00	26.99 1.01 0.00	25.29 0.90 0.00	23.83 0.81 0.00	23.78 0.76 0.00	23.76 0.74 0.00	25.47 0.84 0.00	30.56 0.95 0.00	40.24 1.28 0.00	54.67 1.08 -6.66	48.76 1.10 -1.86	36.21 1.39 0.00	32.63 0.92 0.00	30.08 0.79 0.00	26.58 0.75 0.00
BROWNFLS_115KV_TB_3_5 80003	22.75 -0.14 0.00	21.67 -0.13 0.00	19.37 -0.16 0.00	19.09 -0.08 0.00	20.77 -0.10 0.00	23.78 -0.19 0.00	35.57 -0.43 0.00	42.45 -0.69 0.00	34.55 -0.63 0.00	28.97 -0.77 0.00	25.17 -0.81 0.00	23.53 -0.85 0.00	22.17 -0.85 0.00	22.15 -0.87 0.00	22.15 -0.87 0.00	23.80 -0.84 0.00	28.84 -0.77 0.00	38.26 -0.70 0.00	47.29 -0.52 -0.87	45.49 -0.55 -0.24	34.40 -0.42 0.00	31.46 -0.25 0.00	29.20 -0.09 0.00	25.83 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	24.22 1.33 0.00	23.11 1.31 0.00	20.64 1.11 0.00	20.18 1.02 0.00	21.98 1.11 0.00	25.32 1.34 0.00	39.20 2.66 -0.53	47.80 3.93 -0.73	38.55 2.92 -0.45	32.71 2.65 -0.32	28.85 2.49 -0.38	27.11 2.44 -0.29	25.58 2.35 -0.20	25.60 2.37 -0.20	25.63 2.39 -0.21	27.37 2.49 -0.25	33.00 2.90 -0.49	42.84 3.70 -0.18	68.32 4.27 -17.12	55.66 4.26 -5.61	37.74 2.79 -0.14	34.73 2.73 -0.28	32.17 2.55 -0.33	27.98 1.94 -0.21
BURROWS___LYONSDAL 23803	23.35 0.46 0.00	22.19 0.39 0.00	19.86 0.33 0.00	19.55 0.38 0.00	21.31 0.44 0.00	24.52 0.55 0.00	36.90 0.90 0.00	44.31 1.16 0.00	36.17 0.99 0.00	30.37 0.62 0.00	26.37 0.39 0.00	24.65 0.27 0.00	23.23 0.21 0.00	23.21 0.18 0.00	23.16 0.14 0.00	24.90 0.27 0.00	30.15 0.53 0.00	39.90 0.94 0.00	49.37 1.41 -1.03	47.37 1.28 -0.29	35.90 1.08 0.00	32.60 0.89 0.00	30.08 0.79 0.00	26.45 0.62 0.00
CAITHNESS_CC_1 323624	40.31 1.63 -15.80	40.26 1.50 -16.96	40.19 1.25 -19.41	40.20 1.21 -19.82	38.99 1.38 -16.74	40.34 1.75 -14.61	193.72 2.38 -155.34	365.63 3.58 -318.91	300.75 2.85 -262.72	188.01 2.68 -155.59	139.32 2.65 -110.69	61.68 2.61 -34.69	48.30 2.51 -22.76	48.33 2.69 -22.61	68.44 2.49 -42.94	68.81 2.73 -41.45	73.78 3.35 -40.83	118.15 3.66 -75.53	743.71 4.27 -692.51	199.43 4.12 -149.51	131.49 2.99 -93.67	76.31 3.14 -41.46	70.30 3.07 -37.93	42.25 2.40 -14.02
CALPINE BETH_PAGE_GT4 24209	24.33 1.44 0.00	23.17 1.37 0.00	20.66 1.13 0.00	20.24 1.07 0.00	22.11 1.23 0.00	25.70 1.51 -0.22	38.76 2.23 -0.53	47.24 3.37 -0.73	39.51 2.64 -1.69	32.67 2.41 -0.51	30.60 2.42 -2.20	27.61 2.37 -0.86	25.99 2.39 -0.57	25.99 2.39 -0.57	26.34 2.42 -0.90	28.17 2.61 -0.93	33.82 3.05 -1.15	42.69 3.55 -0.18	68.17 4.13 -17.11	55.39 3.98 -5.61	38.04 2.82 -0.40	35.17 2.85 -0.60	33.08 2.84 -0.95	28.46 2.20 -0.44
CALPINE_BETH_PAGE_GT_4 323586	24.33 1.44 0.00	23.15 1.35 0.00	20.66 1.13 0.00	20.24 1.07 0.00	22.10 1.23 0.00	25.77 1.58 -0.22	38.69 2.16 -0.53	47.24 3.37 -0.73	39.51 2.64 -1.69	32.67 2.41 -0.51	30.60 2.42 -2.20	27.61 2.36 -0.86	25.99 2.39 -0.57	26.03 2.44 -0.57	26.25 2.32 -0.90	28.11 2.54 -0.94	33.73 2.96 -1.16	42.45 3.31 -0.18	67.89 3.85 -17.11	55.16 3.76 -5.61	37.91 2.68 -0.40	35.11 2.79 -0.60	33.09 2.84 -0.96	28.47 2.19 -0.45
CALPINE_BP_GT1 23823	24.33 1.44 0.00	23.15 1.35 0.00	20.66 1.13 0.00	20.24 1.07 0.00	22.10 1.23 0.00	25.77 1.58 -0.22	38.69 2.16 -0.53	47.24 3.37 -0.73	39.51 2.64 -1.69	32.67 2.41 -0.51	30.60 2.42 -2.20	27.61 2.36 -0.86	25.99 2.39 -0.57	26.03 2.44 -0.57	26.25 2.32 -0.90	28.11 2.54 -0.94	33.73 2.96 -1.16	42.45 3.31 -0.18	67.89 3.85 -17.11	55.16 3.76 -5.61	37.91 2.68 -0.40	35.11 2.79 -0.60	33.09 2.84 -0.96	28.47 2.19 -0.45
CALSPAN___DRP 24200	24.10 1.21 0.00	22.87 1.07 0.00	20.50 0.98 0.00	20.20 1.03 0.00	21.88 1.00 0.00	25.60 1.63 0.00	37.84 1.84 0.00	43.62 0.47 0.00	36.76 1.58 0.00	31.14 1.40 0.00	27.10 1.12 0.00	25.31 0.93 0.00	23.83 0.81 0.00	23.69 0.67 0.00	23.57 0.55 0.00	25.45 0.81 0.00	30.35 0.74 0.00	39.70 0.74 0.00	50.63 -0.66 -4.36	46.60 -0.41 -1.22	36.11 1.29 0.00	31.87 0.16 0.00	29.41 0.12 0.00	26.35 0.52 0.00
CALVERTON___SOLAR 323806	40.44 1.76 -15.78	40.40 1.66 -16.95	40.30 1.39 -19.39	40.31 1.34 -19.80	39.10 1.50 -16.72	40.52 1.94 -14.60	193.86 2.66 -155.20	365.63 3.88 -318.61	300.77 3.10 -262.49	188.07 2.88 -155.44	139.42 2.83 -110.61	61.80 2.75 -34.66	48.44 2.67 -22.75	48.45 2.83 -22.59	68.57 2.65 -42.91	68.95 2.91 -41.42	74.02 3.61 -40.80	118.43 4.01 -75.46	743.49 4.69 -691.87	199.70 4.53 -149.37	131.72 3.31 -93.59	76.53 3.40 -41.43	70.51 3.31 -37.91	42.44 2.61 -14.01
CANDIGU_WT_PWR 323617	23.90 1.01 0.00	22.78 0.98 0.00	20.42 0.90 0.00	20.09 0.92 0.00	21.83 0.96 0.00	25.39 1.41 0.00	38.05 2.05 0.00	44.48 1.34 0.00	36.90 1.72 0.00	31.29 1.55 0.00	27.23 1.25 0.00	25.43 1.05 0.00	23.95 0.92 0.00	23.85 0.83 0.00	23.78 0.76 0.00	25.59 0.96 0.00	30.59 0.98 0.00	40.21 1.25 0.00	52.58 0.47 -5.18	47.80 0.55 -1.45	36.49 1.67 0.00	32.51 0.79 0.00	29.93 0.64 0.00	26.63 0.80 0.00

CARR STREET_E__SYR 24060	23.14 0.25 0.00	22.02 0.22 0.00	19.70 0.18 0.00	19.34 0.17 0.00	21.06 0.19 0.00	24.16 0.19 0.00	36.14 0.14 0.00	43.10 -0.04 0.00	35.29 0.11 0.00	29.86 0.12 0.00	26.08 0.10 0.00	24.53 0.15 0.00	23.14 0.12 0.00	23.12 0.09 0.00	23.09 0.07 0.00	24.73 0.10 0.00	29.58 -0.03 0.00	38.81 -0.16 0.00	49.82 -0.28 -3.17	46.41 -0.27 -0.89	34.85 0.03 0.00	31.56 -0.16 0.00	29.09 -0.20 0.00	25.73 -0.10 0.00
CARTHAGE__PAPER 23857	22.98 0.09 0.00	21.84 0.04 0.00	19.52 0.00 0.00	19.26 0.10 0.00	20.98 0.10 0.00	24.14 0.17 0.00	36.32 0.32 0.00	43.45 0.30 0.00	35.39 0.21 0.00	29.63 -0.12 0.00	25.64 -0.34 0.00	23.97 -0.41 0.00	22.54 -0.48 0.00	22.50 -0.53 0.00	22.49 -0.53 0.00	24.21 -0.42 0.00	29.41 -0.21 0.00	39.08 0.12 0.00	49.04 0.57 -1.55	46.78 0.55 -0.43	35.27 0.45 0.00	32.06 0.35 0.00	29.58 0.29 0.00	26.03 0.21 0.00
CASSADAGA_WT_PWR 323784	24.49 1.60 0.00	23.37 1.57 0.00	21.01 1.48 0.00	20.64 1.48 0.00	22.38 1.50 0.00	26.20 2.23 0.00	39.17 3.17 0.00	45.30 2.16 0.00	38.17 2.99 0.00	32.33 2.59 0.00	28.13 2.16 0.00	26.26 1.88 0.00	24.70 1.68 0.00	24.50 1.47 0.00	24.33 1.31 0.00	26.26 1.63 0.00	31.36 1.75 0.00	41.30 2.34 0.00	52.32 0.89 -4.50	48.15 1.10 -1.26	37.43 2.61 0.00	32.89 1.17 0.00	30.11 0.82 0.00	26.84 1.01 0.00
CE_DUNWOOD__DRP 24194	23.97 1.08 0.00	22.87 1.07 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.69 2.16 -0.53	47.07 3.19 -0.73	38.05 2.43 -0.44	32.24 2.17 -0.32	28.38 2.03 -0.38	26.65 1.98 -0.29	25.14 1.91 -0.20	25.16 1.93 -0.20	25.18 1.96 -0.20	26.93 2.04 -0.25	32.50 2.40 -0.49	42.18 3.04 -0.18	67.59 3.57 -17.10	54.92 3.53 -5.60	37.32 2.37 -0.14	34.28 2.28 -0.28	31.73 2.11 -0.33	27.62 1.58 -0.21
CE_MILLWOOD__DRP 24193	23.94 1.05 0.00	22.84 1.05 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.61 2.09 -0.53	46.97 3.11 -0.73	37.94 2.32 -0.44	32.18 2.11 -0.32	28.33 1.97 -0.38	26.60 1.93 -0.29	25.07 1.84 -0.20	25.09 1.87 -0.20	25.10 1.89 -0.20	26.85 1.97 -0.25	32.40 2.31 -0.48	42.10 2.96 -0.18	67.40 3.47 -16.99	54.75 3.39 -5.57	37.25 2.30 -0.13	34.21 2.22 -0.28	31.67 2.05 -0.33	27.56 1.52 -0.21
CE_NYC2_DRP 24202	24.03 1.14 0.00	22.95 1.16 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.73 2.20 -0.53	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.19 -0.29	25.35 2.12 -0.20	25.34 2.12 -0.20	25.40 2.16 -0.22	27.10 2.22 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.29 2.33 -0.14	34.38 2.38 -0.28	31.84 2.23 -0.33	27.72 1.68 -0.21
CE_NYC_DRP 24195	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.20 1.22 0.00	38.98 2.45 -0.53	47.54 3.67 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.44 2.21 -0.20	25.49 2.26 -0.21	27.22 2.34 -0.25	32.80 2.69 -0.49	42.57 3.43 -0.18	67.99 3.94 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.50 2.51 -0.28	31.99 2.37 -0.33	27.82 1.78 -0.21
CHAFFEE__LFGE 323603	24.15 1.26 0.00	22.95 1.15 0.00	20.58 1.05 0.00	20.22 1.05 0.00	21.90 1.02 0.00	25.55 1.58 0.00	38.05 2.05 0.00	43.79 0.65 0.00	36.87 1.69 0.00	31.23 1.49 0.00	27.17 1.20 0.00	25.39 1.00 0.00	23.90 0.87 0.00	23.74 0.71 0.00	23.62 0.60 0.00	25.52 0.89 0.00	30.44 0.83 0.00	39.97 1.01 0.00	50.75 -0.61 -4.43	46.67 -0.37 -1.24	36.32 1.50 0.00	32.06 0.35 0.00	29.50 0.21 0.00	26.40 0.57 0.00
CHATEAUG_35_KV_LOAD 355732	22.62 -0.27 0.00	21.62 -0.17 0.00	19.39 -0.14 0.00	19.11 -0.06 0.00	20.87 0.00 0.00	23.97 0.00 0.00	35.50 -0.50 0.00	41.89 -1.25 0.00	34.13 -1.06 0.00	28.88 -0.86 0.00	25.30 -0.68 0.00	23.75 -0.63 0.00	22.40 -0.62 0.00	22.52 -0.51 0.00	22.56 -0.46 0.00	24.21 -0.42 0.00	29.38 -0.24 0.00	38.57 -0.39 0.00	46.60 -0.33 0.00	45.34 -0.46 0.00	34.51 -0.31 0.00	31.84 0.13 0.00	29.70 0.41 0.00	26.40 0.57 0.00
CHATEAUG_WT_PWR 323614	22.62 -0.27 0.00	21.62 -0.18 0.00	19.39 -0.14 0.00	19.13 -0.04 0.00	20.89 0.02 0.00	24.00 0.02 0.00	35.42 -0.58 0.00	41.76 -1.38 0.00	34.02 -1.16 0.00	28.88 -0.86 0.00	25.30 -0.68 0.00	23.75 -0.63 0.00	22.38 -0.64 0.00	22.52 -0.51 0.00	22.56 -0.46 0.00	24.21 -0.42 0.00	29.35 -0.27 0.00	38.50 -0.47 0.00	46.46 -0.47 0.00	45.25 -0.55 0.00	34.40 -0.42 0.00	31.68 -0.03 0.00	29.73 0.44 0.00	26.40 0.57 0.00
CHAT_HIGH_FALL_HYD 323578	22.62 -0.27 0.00	21.60 -0.20 0.00	19.39 -0.14 0.00	19.11 -0.06 0.00	20.87 0.00 0.00	23.97 0.00 0.00	35.50 -0.50 0.00	41.89 -1.25 0.00	34.13 -1.05 0.00	28.88 -0.86 0.00	25.30 -0.68 0.00	23.75 -0.63 0.00	22.40 -0.62 0.00	22.52 -0.51 0.00	22.56 -0.46 0.00	24.21 -0.42 0.00	29.37 -0.24 0.00	38.57 -0.39 0.00	46.60 -0.33 0.00	45.34 -0.46 0.00	34.51 -0.31 0.00	31.71 0.00 0.00	29.70 0.41 0.00	26.40 0.57 0.00
CHAUTAUQUA__LFGE 323629	24.38 1.49 0.00	23.19 1.40 0.00	20.83 1.31 0.00	20.45 1.28 0.00	22.15 1.27 0.00	25.89 1.92 0.00	38.59 2.59 0.00	44.48 1.34 0.00	37.57 2.39 0.00	31.80 2.05 0.00	27.69 1.71 0.00	25.85 1.46 0.00	24.34 1.31 0.00	24.15 1.13 0.00	24.01 0.99 0.00	25.94 1.30 0.00	30.95 1.33 0.00	40.67 1.71 0.00	51.72 0.33 -4.46	47.60 0.55 -1.25	36.94 2.12 0.00	32.57 0.86 0.00	29.88 0.59 0.00	26.68 0.85 0.00
CHERRYST_13_KV_LD 356241	24.15 1.26 0.00	23.04 1.24 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.92 1.04 0.00	25.27 1.29 0.00	39.09 2.56 -0.53	47.67 3.80 -0.73	38.44 2.81 -0.45	32.66 2.59 -0.32	28.77 2.42 -0.38	27.07 2.39 -0.29	25.51 2.28 -0.20	25.53 2.30 -0.20	25.56 2.33 -0.21	27.30 2.41 -0.25	32.91 2.81 -0.49	42.72 3.58 -0.18	68.18 4.13 -17.12	55.48 4.08 -5.61	37.60 2.65 -0.14	34.60 2.60 -0.28	32.05 2.43 -0.33	27.90 1.86 -0.21
CHESTROR_138KV_BK263 355645	23.97 1.08 0.00	22.84 1.05 0.00	20.42 0.90 0.00	20.01 0.84 0.00	21.77 0.90 0.00	25.00 1.03 0.00	38.43 2.02 -0.42	46.61 2.89 -0.57	37.71 2.18 -0.35	31.87 1.87 -0.25	28.02 1.74 -0.30	26.27 1.66 -0.23	24.80 1.61 -0.16	24.79 1.61 -0.16	24.83 1.66 -0.16	26.55 1.72 -0.20	32.04 2.04 -0.38	41.87 2.77 -0.14	65.55 3.29 -15.33	53.93 3.21 -4.93	37.15 2.23 -0.11	34.03 2.09 -0.22	31.45 1.90 -0.26	27.39 1.39 -0.17
CH_MIDHUDSON__DRP 24192	23.92 1.03 0.00	22.80 1.00 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.73 0.86 0.00	24.98 1.01 0.00	38.27 1.94 -0.33	46.49 2.89 -0.46	37.64 2.18 -0.28	31.85 1.90 -0.20	27.98 1.77 -0.24	26.25 1.68 -0.18	24.79 1.63 -0.13	24.81 1.66 -0.12	24.82 1.68 -0.12	26.54 1.75 -0.16	31.99 2.07 -0.30	41.84 2.77 -0.11	66.55 3.24 -16.38	54.10 3.21 -5.10	37.06 2.16 -0.08	33.95 2.06 -0.18	31.37 1.87 -0.20	27.36 1.39 -0.13

CH_MISC_IPPS 23765	24.06 1.17 0.00	22.91 1.11 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.10 1.13 0.00	38.50 2.12 -0.37	46.77 3.11 -0.52	37.89 2.39 -0.31	32.00 2.02 -0.23	28.09 1.84 -0.27	26.35 1.76 -0.20	24.87 1.70 -0.14	24.92 1.75 -0.14	24.91 1.75 -0.14	26.63 1.82 -0.18	32.15 2.19 -0.34	42.05 2.96 -0.13	66.75 3.57 -16.25	54.40 3.48 -5.12	37.28 2.37 -0.10	34.17 2.25 -0.20	31.57 2.05 -0.23	27.48 1.50 -0.15
CH_RES_BVR_FALLS 23983	22.34 -0.55 0.00	21.34 -0.46 0.00	19.15 -0.37 0.00	18.84 -0.33 0.00	20.54 -0.33 0.00	23.57 -0.41 0.00	35.31 -0.69 0.00	42.37 -0.78 0.00	34.58 -0.60 0.00	29.27 -0.48 0.00	25.56 -0.42 0.00	23.99 -0.39 0.00	22.66 -0.37 0.00	22.66 -0.37 0.00	22.65 -0.37 0.00	24.24 -0.40 0.00	29.17 -0.44 0.00	38.42 -0.55 0.00	46.32 -0.61 0.00	45.15 -0.64 0.00	34.33 -0.49 0.00	31.30 -0.41 0.00	28.97 -0.32 0.00	25.57 -0.26 0.00
CH_RES_NIAGARA 23895	23.28 0.39 0.00	22.12 0.33 0.00	19.86 0.33 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.60 0.62 0.00	36.47 0.47 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.63 -0.39 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.83 -1.13 0.00	48.63 -2.49 -4.19	44.82 -2.15 -1.17	34.44 -0.38 0.00	30.51 -1.21 0.00	28.09 -1.20 0.00	25.24 -0.59 0.00
CH_RES_SYRACUSE 23985	23.35 0.46 0.00	22.21 0.41 0.00	19.88 0.35 0.00	19.51 0.35 0.00	21.27 0.40 0.00	24.48 0.50 0.00	36.72 0.72 0.00	43.75 0.60 0.00	35.85 0.67 0.00	30.34 0.59 0.00	26.42 0.44 0.00	24.77 0.39 0.00	23.37 0.35 0.00	23.32 0.30 0.00	23.30 0.28 0.00	24.95 0.32 0.00	29.94 0.33 0.00	39.39 0.43 0.00	50.74 0.42 -3.39	47.16 0.41 -0.95	35.41 0.59 0.00	32.03 0.32 0.00	29.52 0.23 0.00	26.11 0.28 0.00
CLINTON_WT_PWR 323605	22.62 -0.27 0.00	21.62 -0.18 0.00	19.39 -0.14 0.00	19.13 -0.04 0.00	20.89 0.02 0.00	24.00 0.02 0.00	35.42 -0.58 0.00	41.76 -1.38 0.00	34.02 -1.16 0.00	28.88 -0.86 0.00	25.30 -0.68 0.00	23.75 -0.63 0.00	22.38 -0.64 0.00	22.52 -0.51 0.00	22.56 -0.46 0.00	24.21 -0.42 0.00	29.35 -0.27 0.00	38.50 -0.47 0.00	46.46 -0.47 0.00	45.25 -0.55 0.00	34.40 -0.42 0.00	31.68 -0.03 0.00	29.73 0.44 0.00	26.40 0.57 0.00
CLINTON__LFGE 323618	22.94 0.05 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.19 0.31 0.00	24.33 0.36 0.00	35.89 -0.11 0.00	42.15 -0.99 0.00	34.34 -0.84 0.00	29.15 -0.59 0.00	25.54 -0.44 0.00	23.97 -0.41 0.00	22.59 -0.44 0.00	22.70 -0.32 0.00	22.74 -0.28 0.00	24.41 -0.22 0.00	29.67 0.06 0.00	38.88 -0.08 0.00	46.98 0.05 0.00	45.66 -0.14 0.00	34.78 -0.03 0.00	32.03 0.32 0.00	30.14 0.85 0.00	26.79 0.96 0.00
COBBLENY_34_KV_TB1 80064	24.15 1.26 0.00	22.89 1.09 0.00	20.52 1.00 0.00	20.22 1.05 0.00	21.90 1.02 0.00	25.65 1.68 0.00	37.94 1.94 0.00	43.79 0.65 0.00	36.91 1.72 0.00	31.23 1.49 0.00	27.17 1.20 0.00	25.39 1.00 0.00	23.90 0.87 0.00	23.74 0.71 0.00	23.62 0.60 0.00	25.52 0.89 0.00	30.44 0.83 0.00	39.86 0.90 0.00	50.80 -0.56 -4.43	46.72 -0.32 -1.24	36.25 1.43 0.00	31.97 0.25 0.00	29.49 0.21 0.00	26.40 0.57 0.00
COFFEEN__115KV_TB3 355620	23.30 0.41 0.00	22.12 0.33 0.00	19.76 0.23 0.00	19.51 0.34 0.00	21.25 0.38 0.00	24.48 0.50 0.00	36.86 0.86 0.00	44.09 0.95 0.00	35.89 0.70 0.00	29.95 0.21 0.00	25.87 -0.10 0.00	24.17 -0.22 0.00	22.73 -0.30 0.00	22.68 -0.35 0.00	22.65 -0.37 0.00	24.44 -0.20 0.00	29.70 0.09 0.00	39.51 0.55 0.00	49.94 1.22 -1.78	47.44 1.14 -0.50	35.83 1.01 0.00	32.48 0.76 0.00	29.88 0.59 0.00	26.27 0.44 0.00
COLDSPRG_115KV_BK1 355956	24.77 1.88 0.00	23.50 1.70 0.00	21.11 1.58 0.00	20.79 1.63 0.00	22.54 1.67 0.00	26.49 2.52 0.00	39.35 3.35 0.00	45.73 2.59 0.00	38.45 3.27 0.00	32.54 2.80 0.00	28.32 2.34 0.00	26.41 2.02 0.00	24.84 1.82 0.00	24.64 1.61 0.00	24.47 1.45 0.00	26.43 1.80 0.00	31.54 1.92 0.00	41.49 2.53 0.00	52.34 0.84 -4.56	48.17 1.10 -1.28	37.71 2.89 0.00	33.11 1.40 0.00	30.43 1.14 0.00	27.20 1.37 0.00
COLONIE_LFGE__ 323577	23.67 0.78 0.00	22.52 0.72 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.81 0.84 0.00	37.03 1.66 0.63	44.65 2.37 0.87	36.48 1.83 0.53	30.85 1.49 0.38	26.85 1.32 0.45	25.26 1.22 0.34	23.94 1.15 0.24	23.99 1.20 0.24	23.96 1.17 0.24	25.59 1.26 0.30	30.55 1.51 0.58	40.85 2.10 0.21	65.00 2.53 -15.54	51.66 2.47 -3.39	36.40 1.74 0.16	32.96 1.59 0.34	30.31 1.41 0.39	26.58 1.01 0.25
COOPERNY_115KV_TB1 80082	23.71 0.82 0.00	22.58 0.78 0.00	20.21 0.68 0.00	19.82 0.65 0.00	21.56 0.69 0.00	24.81 0.84 0.00	37.79 1.55 -0.25	45.68 2.20 -0.34	37.08 1.69 -0.21	31.38 1.49 -0.15	27.50 1.35 -0.18	25.81 1.29 -0.13	24.36 1.24 -0.09	24.36 1.24 -0.09	24.38 1.27 -0.09	26.08 1.33 -0.12	31.41 1.57 -0.23	41.07 2.03 -0.08	60.92 2.39 -11.60	51.76 2.34 -3.62	36.55 1.67 -0.06	33.40 1.55 -0.13	30.88 1.44 -0.15	27.01 1.08 -0.10
COPENHAGEN_WT_PWR 323753	23.12 0.23 0.00	21.97 0.17 0.00	19.64 0.12 0.00	19.36 0.19 0.00	21.08 0.21 0.00	24.28 0.31 0.00	36.50 0.50 0.00	43.66 0.52 0.00	35.53 0.35 0.00	29.75 0.00 0.00	25.74 -0.23 0.00	24.07 -0.32 0.00	22.63 -0.39 0.00	22.59 -0.44 0.00	22.61 -0.41 0.00	24.31 -0.32 0.00	29.49 -0.12 0.00	39.16 0.20 0.00	49.44 0.66 -1.85	46.95 0.64 -0.52	35.41 0.59 0.00	32.13 0.41 0.00	29.61 0.32 0.00	26.06 0.23 0.00
CORNELL____ 23752	23.94 1.05 0.00	22.76 0.96 0.00	20.34 0.82 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.20 1.22 0.00	37.98 1.98 0.00	45.26 2.11 0.00	37.05 1.86 0.00	31.32 1.58 0.00	27.20 1.22 0.00	25.46 1.07 0.00	23.99 0.97 0.00	23.92 0.90 0.00	23.89 0.87 0.00	25.64 1.01 0.00	30.86 1.24 0.00	40.71 1.75 0.00	54.10 1.97 -5.20	49.18 1.92 -1.46	36.70 1.88 0.00	33.11 1.40 0.00	30.46 1.17 0.00	26.89 1.06 0.00
CORONAAV_69_KV_TB1 355595	24.26 1.37 0.00	23.13 1.33 0.00	20.62 1.09 0.00	20.20 1.03 0.00	22.04 1.17 0.00	25.44 1.44 -0.03	38.84 2.30 -0.53	47.33 3.45 -0.73	38.45 2.64 -0.63	32.50 2.41 -0.35	29.01 2.39 -0.65	27.10 2.34 -0.37	25.54 2.26 -0.26	25.54 2.26 -0.25	25.60 2.28 -0.30	27.42 2.44 -0.35	33.13 2.93 -0.58	42.65 3.51 -0.18	68.08 4.04 -17.11	55.39 3.98 -5.61	37.78 2.79 -0.18	34.84 2.79 -0.33	32.34 2.64 -0.42	28.12 2.04 -0.25
CORTLAND_115KV_TB3 80093	23.69 0.80 0.00	22.52 0.72 0.00	20.15 0.62 0.00	19.80 0.63 0.00	21.58 0.71 0.00	24.88 0.91 0.00	37.48 1.48 0.00	44.69 1.55 0.00	36.59 1.41 0.00	30.91 1.16 0.00	26.91 0.94 0.00	25.19 0.80 0.00	23.76 0.74 0.00	23.72 0.69 0.00	23.69 0.67 0.00	25.40 0.76 0.00	30.53 0.92 0.00	40.21 1.25 0.00	52.69 1.36 -4.40	48.40 1.37 -1.23	36.18 1.36 0.00	32.70 0.98 0.00	30.11 0.82 0.00	26.58 0.75 0.00

COXSACKIE___GT 23611	24.36 1.47 0.00	23.17 1.37 0.00	20.77 1.25 0.00	20.33 1.17 0.00	22.13 1.25 0.00	25.17 1.20 0.00	38.35 2.59 0.24	46.09 3.28 0.33	37.52 2.53 0.20	31.33 1.72 0.14	27.24 1.43 0.17	25.50 1.24 0.13	24.08 1.15 0.09	24.16 1.22 0.09	24.17 1.24 0.09	25.80 1.28 0.11	31.14 1.75 0.22	41.92 3.04 0.08	66.92 3.99 -16.00	53.62 3.71 -4.12	37.37 2.61 0.06	33.97 2.38 0.13	31.10 1.96 0.15	27.13 1.39 0.10
CPV_VALLEY___CC1 323721	23.78 0.89 0.00	22.65 0.85 0.00	20.27 0.74 0.00	19.85 0.69 0.00	21.62 0.75 0.00	24.88 0.91 0.00	38.04 1.69 -0.35	46.13 2.50 -0.48	37.37 1.90 -0.29	31.65 1.69 -0.21	27.79 1.56 -0.25	26.06 1.49 -0.19	24.61 1.45 -0.13	24.63 1.47 -0.13	24.63 1.47 -0.13	26.33 1.53 -0.16	31.74 1.81 -0.32	41.42 2.34 -0.12	63.52 2.77 -13.82	52.90 2.70 -4.41	36.82 1.91 -0.09	33.68 1.77 -0.19	31.15 1.64 -0.22	27.18 1.21 -0.14
CPV_VALLEY___CC2 323722	23.78 0.89 0.00	22.65 0.85 0.00	20.27 0.74 0.00	19.85 0.69 0.00	21.62 0.75 0.00	24.88 0.91 0.00	38.04 1.69 -0.35	46.13 2.50 -0.48	37.37 1.90 -0.29	31.65 1.69 -0.21	27.79 1.56 -0.25	26.06 1.49 -0.19	24.61 1.45 -0.13	24.63 1.47 -0.13	24.63 1.47 -0.13	26.33 1.53 -0.16	31.74 1.81 -0.32	41.42 2.34 -0.12	63.52 2.77 -13.82	52.90 2.70 -4.41	36.82 1.91 -0.09	33.68 1.77 -0.19	31.15 1.64 -0.22	27.18 1.21 -0.14
CRESCENT___HYD 24018	23.67 0.78 0.00	22.52 0.72 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.81 0.84 0.00	37.03 1.66 0.63	44.65 2.37 0.87	36.48 1.83 0.53	30.85 1.49 0.38	26.85 1.32 0.45	25.26 1.22 0.34	23.94 1.15 0.24	23.99 1.20 0.24	23.96 1.17 0.24	25.59 1.26 0.30	30.55 1.51 0.58	40.85 2.10 0.21	65.00 2.53 -15.54	51.66 2.47 -3.39	36.40 1.74 0.16	32.96 1.59 0.34	30.31 1.41 0.39	26.58 1.01 0.25
CRICKET___VALLEY_CC1 323756	23.60 0.71 0.00	22.47 0.68 0.00	20.11 0.59 0.00	19.70 0.54 0.00	21.44 0.56 0.00	24.69 0.72 0.00	28.81 1.37 8.56	33.53 2.20 11.81	29.63 1.62 7.17	26.02 1.46 5.18	21.23 1.38 6.12	21.07 1.36 4.68	21.07 1.31 3.27	21.17 1.36 3.21	21.17 1.36 3.21	22.01 1.40 4.03	23.41 1.66 7.86	38.18 2.10 2.89	28.40 2.49 21.02	29.22 2.43 19.00	34.19 1.57 2.20	28.70 1.55 4.57	25.43 1.43 5.30	23.41 1.01 3.43
CRICKET___VALLEY_CC2 323757	23.60 0.71 0.00	22.47 0.68 0.00	20.11 0.59 0.00	19.70 0.54 0.00	21.44 0.56 0.00	24.69 0.72 0.00	28.81 1.37 8.56	33.53 2.20 11.81	29.63 1.62 7.17	26.02 1.46 5.18	21.23 1.38 6.12	21.07 1.36 4.68	21.07 1.31 3.27	21.17 1.36 3.21	21.17 1.36 3.21	22.01 1.40 4.03	23.41 1.66 7.86	38.18 2.10 2.89	28.40 2.49 21.02	29.22 2.43 19.00	34.19 1.57 2.20	28.70 1.55 4.57	25.43 1.43 5.30	23.41 1.01 3.43
CRICKET___VALLEY_CC3 323758	23.60 0.71 0.00	22.47 0.68 0.00	20.11 0.59 0.00	19.70 0.54 0.00	21.44 0.56 0.00	24.69 0.72 0.00	28.81 1.37 8.56	33.53 2.20 11.81	29.63 1.62 7.17	26.02 1.46 5.18	21.23 1.38 6.12	21.07 1.36 4.68	21.07 1.31 3.27	21.17 1.36 3.21	21.17 1.36 3.21	22.01 1.40 4.03	23.41 1.66 7.86	38.18 2.10 2.89	28.40 2.49 21.02	29.22 2.43 19.00	34.19 1.57 2.20	28.70 1.55 4.57	25.43 1.43 5.30	23.41 1.01 3.43
CRUCIBLE_METL_DRP 24180	23.35 0.46 0.00	22.21 0.41 0.00	19.86 0.33 0.00	19.51 0.34 0.00	21.27 0.40 0.00	24.48 0.50 0.00	36.72 0.72 0.00	43.75 0.60 0.00	35.85 0.67 0.00	30.34 0.59 0.00	26.42 0.44 0.00	24.78 0.39 0.00	23.37 0.35 0.00	23.32 0.30 0.00	23.30 0.28 0.00	24.95 0.32 0.00	29.94 0.33 0.00	39.39 0.43 0.00	50.74 0.42 -3.39	47.20 0.46 -0.95	35.41 0.59 0.00	32.03 0.32 0.00	29.52 0.23 0.00	26.11 0.28 0.00
DAHOWA___HYDRO 323763	23.83 0.94 0.00	22.67 0.87 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.90 1.02 0.00	25.24 1.27 0.00	37.94 2.45 0.51	45.81 3.37 0.70	37.36 2.60 0.43	31.49 2.05 0.31	27.38 1.77 0.36	25.72 1.61 0.28	24.28 1.45 0.19	24.33 1.50 0.19	24.30 1.47 0.19	25.97 1.58 0.24	31.04 1.90 0.47	41.56 2.77 0.17	66.56 3.42 -16.21	52.95 3.39 -3.76	37.13 2.44 0.13	33.54 2.09 0.27	30.76 1.79 0.31	26.92 1.29 0.20
DANC___LFGE 323619	23.01 0.12 0.00	21.88 0.09 0.00	19.54 0.02 0.00	19.24 0.08 0.00	20.98 0.10 0.00	24.12 0.14 0.00	36.25 0.25 0.00	43.23 0.09 0.00	35.25 0.07 0.00	29.63 -0.12 0.00	25.69 -0.29 0.00	24.07 -0.32 0.00	22.66 -0.37 0.00	22.61 -0.41 0.00	22.61 -0.41 0.00	24.26 -0.37 0.00	29.32 -0.30 0.00	38.81 -0.16 0.00	49.17 0.05 -2.20	46.50 0.09 -0.62	34.99 0.17 0.00	31.75 0.03 0.00	29.29 0.00 0.00	25.83 0.00 0.00
DANSKAMMER___1 23586	24.06 1.17 0.00	22.91 1.11 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.10 1.13 0.00	38.50 2.12 -0.37	46.77 3.11 -0.52	37.89 2.39 -0.31	32.00 2.02 -0.23	28.09 1.84 -0.27	26.35 1.76 -0.20	24.87 1.70 -0.14	24.92 1.75 -0.14	24.91 1.75 -0.14	26.63 1.82 -0.18	32.15 2.19 -0.34	42.05 2.96 -0.13	66.75 3.57 -16.25	54.40 3.48 -5.12	37.28 2.37 -0.10	34.17 2.25 -0.20	31.57 2.05 -0.23	27.48 1.50 -0.15
DANSKAMMER___2 23589	24.06 1.17 0.00	22.91 1.11 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.10 1.13 0.00	38.50 2.12 -0.37	46.77 3.11 -0.52	37.89 2.39 -0.31	32.00 2.02 -0.23	28.09 1.84 -0.27	26.35 1.76 -0.20	24.87 1.70 -0.14	24.92 1.75 -0.14	24.91 1.75 -0.14	26.63 1.82 -0.18	32.15 2.19 -0.34	42.05 2.96 -0.13	66.75 3.57 -16.25	54.40 3.48 -5.12	37.28 2.37 -0.10	34.17 2.25 -0.20	31.57 2.05 -0.23	27.48 1.50 -0.15
DANSKAMMER___3 23590	24.06 1.17 0.00	22.91 1.11 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.10 1.13 0.00	38.50 2.12 -0.37	46.77 3.11 -0.52	37.89 2.39 -0.31	32.00 2.02 -0.23	28.09 1.84 -0.27	26.35 1.76 -0.20	24.87 1.70 -0.14	24.92 1.75 -0.14	24.91 1.75 -0.14	26.63 1.82 -0.18	32.15 2.19 -0.34	42.05 2.96 -0.13	66.75 3.57 -16.25	54.40 3.48 -5.12	37.28 2.37 -0.10	34.17 2.25 -0.20	31.57 2.05 -0.23	27.48 1.50 -0.15
DANSKAMMER___4 23591	24.06 1.17 0.00	22.91 1.11 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.10 1.13 0.00	38.50 2.12 -0.37	46.77 3.11 -0.52	37.89 2.39 -0.31	32.00 2.02 -0.23	28.09 1.84 -0.27	26.35 1.76 -0.20	24.87 1.70 -0.14	24.92 1.75 -0.14	24.91 1.75 -0.14	26.63 1.82 -0.18	32.15 2.19 -0.34	42.05 2.96 -0.13	66.75 3.57 -16.25	54.40 3.48 -5.12	37.28 2.37 -0.10	34.17 2.25 -0.20	31.57 2.05 -0.23	27.48 1.50 -0.15
DANSKAMMER___DIESEL 23592	24.06 1.17 0.00	22.93 1.13 0.00	20.50 0.98 0.00	20.09 0.92 0.00	21.85 0.98 0.00	25.08 1.10 0.00	38.53 2.16 -0.37	46.76 3.11 -0.52	37.85 2.36 -0.31	31.99 2.02 -0.23	28.09 1.84 -0.27	26.35 1.76 -0.20	24.87 1.70 -0.14	24.89 1.73 -0.14	24.93 1.77 -0.14	26.63 1.82 -0.18	32.15 2.19 -0.34	42.09 3.00 -0.13	66.75 3.57 -16.25	54.40 3.48 -5.12	37.28 2.37 -0.10	34.17 2.25 -0.20	31.57 2.05 -0.23	27.48 1.50 -0.15

DARBY___SOLAR 323810	23.81 0.92 0.00	22.67 0.87 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.83 0.96 0.00	25.17 1.20 0.00	37.82 2.34 0.52	45.61 3.19 0.72	37.21 2.46 0.44	31.39 1.96 0.32	27.32 1.71 0.37	25.66 1.56 0.29	24.23 1.40 0.20	24.30 1.47 0.20	24.28 1.45 0.20	25.94 1.55 0.25	30.97 1.84 0.48	41.44 2.65 0.18	66.34 3.28 -16.13	52.72 3.20 -3.72	37.02 2.33 0.13	33.47 2.03 0.28	30.69 1.73 0.32	26.88 1.27 0.21
DASHVILLE___HYD 23610	23.87 0.98 0.00	22.78 0.98 0.00	20.36 0.84 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.88 0.91 0.00	38.23 2.05 -0.18	46.41 3.02 -0.25	37.62 2.29 -0.15	31.82 1.96 -0.11	27.92 1.82 -0.13	26.24 1.76 -0.10	24.80 1.70 -0.07	24.82 1.73 -0.07	24.86 1.77 -0.07	26.52 1.80 -0.08	31.97 2.19 -0.16	41.94 2.92 -0.06	66.21 3.47 -15.81	53.89 3.39 -4.70	37.13 2.26 -0.05	34.00 2.19 -0.10	31.39 1.99 -0.11	27.37 1.47 -0.07
DEERFIELD_69_KV_DEERFIELD LD 355887	40.81 2.15 -15.76	40.77 2.05 -16.93	40.59 1.70 -19.37	40.61 1.67 -19.78	39.46 1.88 -16.70	40.86 2.30 -14.59	194.42 3.42 -155.00	366.05 4.70 -318.21	301.12 3.76 -262.17	188.48 3.48 -155.25	139.82 3.35 -110.49	62.25 3.24 -34.62	48.85 3.11 -22.72	48.68 3.09 -22.57	68.99 3.11 -42.86	69.42 3.42 -41.36	74.62 4.26 -40.74	119.31 4.99 -75.36	743.81 5.87 -691.02	200.58 5.59 -149.19	132.44 4.14 -93.47	77.18 4.09 -41.38	71.01 3.87 -37.86	42.89 3.07 -13.98
DELAWARE___LFGE 323621	23.87 0.98 0.00	22.71 0.92 0.00	20.34 0.82 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.03 1.05 0.00	37.84 1.84 0.00	45.47 2.33 0.00	37.08 1.90 0.00	31.32 1.58 0.00	27.33 1.35 0.00	25.65 1.27 0.00	24.20 1.17 0.00	24.18 1.15 0.00	24.17 1.15 0.00	25.91 1.28 0.00	31.15 1.54 0.00	40.99 2.03 0.00	58.29 2.35 -9.01	50.65 2.34 -2.52	36.67 1.85 0.00	33.33 1.62 0.00	30.72 1.44 0.00	26.97 1.14 0.00
DERFIELD_115KV_TB7 355931	22.98 0.09 0.00	21.88 0.09 0.00	19.60 0.08 0.00	19.24 0.08 0.00	20.96 0.08 0.00	24.09 0.12 0.00	36.18 0.18 0.00	43.44 0.30 0.00	35.43 0.25 0.00	29.92 0.18 0.00	26.13 0.16 0.00	24.53 0.15 0.00	23.16 0.14 0.00	23.16 0.14 0.00	23.16 0.14 0.00	24.78 0.15 0.00	29.79 0.18 0.00	39.19 0.23 0.00	47.63 0.33 -0.37	46.22 0.32 -0.10	35.03 0.21 0.00	31.94 0.22 0.00	29.47 0.18 0.00	25.96 0.13 0.00
DOGLEVILLE___HYD 23807	23.30 0.41 0.00	22.21 0.41 0.00	19.93 0.41 0.00	19.62 0.46 0.00	21.40 0.52 0.00	24.64 0.67 0.00	37.08 1.08 0.00	44.48 1.34 0.00	36.31 1.13 0.00	30.70 0.95 0.00	26.78 0.81 0.00	25.09 0.71 0.00	23.69 0.67 0.00	23.69 0.67 0.00	23.71 0.69 0.00	25.40 0.76 0.00	30.53 0.92 0.00	40.21 1.25 0.00	48.84 1.55 -0.37	47.41 1.51 -0.10	36.07 1.25 0.00	32.92 1.20 0.00	30.40 1.11 0.00	26.79 0.96 0.00
DUNKIRK___115KV_TB_200 55889	24.33 1.44 0.00	23.08 1.29 0.00	20.73 1.21 0.00	20.41 1.25 0.00	22.11 1.23 0.00	25.91 1.94 0.00	38.38 2.38 0.00	44.35 1.21 0.00	37.47 2.29 0.00	31.71 1.96 0.00	27.59 1.61 0.00	25.78 1.39 0.00	24.27 1.24 0.00	24.08 1.06 0.00	23.96 0.94 0.00	25.86 1.23 0.00	30.89 1.27 0.00	40.48 1.52 0.00	51.62 0.23 -4.46	47.55 0.50 -1.25	36.77 1.95 0.00	32.41 0.70 0.00	29.82 0.53 0.00	26.66 0.83 0.00
DUNKIRK___1 23563	24.33 1.44 0.00	23.08 1.29 0.00	20.73 1.21 0.00	20.41 1.25 0.00	22.11 1.23 0.00	25.91 1.94 0.00	38.38 2.38 0.00	44.35 1.21 0.00	37.47 2.29 0.00	31.71 1.96 0.00	27.59 1.61 0.00	25.78 1.39 0.00	24.27 1.24 0.00	24.08 1.06 0.00	23.96 0.94 0.00	25.86 1.23 0.00	30.89 1.27 0.00	40.48 1.52 0.00	51.62 0.23 -4.46	47.55 0.50 -1.25	36.77 1.95 0.00	32.41 0.70 0.00	29.82 0.53 0.00	26.66 0.83 0.00
DUNKIRK___2 23564	24.33 1.44 0.00	23.08 1.29 0.00	20.73 1.21 0.00	20.41 1.25 0.00	22.11 1.23 0.00	25.91 1.94 0.00	38.38 2.38 0.00	44.35 1.21 0.00	37.47 2.29 0.00	31.71 1.96 0.00	27.59 1.61 0.00	25.78 1.39 0.00	24.27 1.24 0.00	24.08 1.06 0.00	23.96 0.94 0.00	25.86 1.23 0.00	30.89 1.27 0.00	40.48 1.52 0.00	51.62 0.23 -4.46	47.55 0.50 -1.25	36.77 1.95 0.00	32.41 0.70 0.00	29.82 0.53 0.00	26.66 0.83 0.00
DUNKIRK___3 23565	24.24 1.35 0.00	22.97 1.18 0.00	20.64 1.11 0.00	20.32 1.15 0.00	22.00 1.13 0.00	25.77 1.80 0.00	38.16 2.16 0.00	44.13 0.99 0.00	37.26 2.08 0.00	31.56 1.81 0.00	27.46 1.48 0.00	25.63 1.24 0.00	24.13 1.11 0.00	23.97 0.94 0.00	23.85 0.83 0.00	25.74 1.11 0.00	30.71 1.10 0.00	40.25 1.29 0.00	51.34 -0.05 -4.46	47.27 0.23 -1.25	36.63 1.81 0.00	32.28 0.57 0.00	29.76 0.47 0.00	26.60 0.77 0.00
DUNKIRK___4 23566	24.26 1.37 0.00	23.02 1.22 0.00	20.66 1.13 0.00	20.35 1.19 0.00	22.04 1.17 0.00	25.82 1.85 0.00	38.20 2.20 0.00	44.13 0.99 0.00	37.26 2.08 0.00	31.53 1.78 0.00	27.46 1.48 0.00	25.63 1.24 0.00	24.13 1.11 0.00	23.97 0.94 0.00	23.83 0.81 0.00	25.74 1.11 0.00	30.71 1.10 0.00	40.25 1.29 0.00	51.29 -0.05 -4.41	47.26 0.23 -1.23	36.60 1.78 0.00	32.25 0.54 0.00	29.70 0.41 0.00	26.58 0.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.99 1.10 0.00	22.89 1.09 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.12 1.15 0.00	38.76 2.23 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.46 2.10 -0.38	26.72 2.05 -0.29	25.21 1.98 -0.20	25.23 2.00 -0.20	25.25 2.03 -0.20	26.98 2.09 -0.25	32.59 2.49 -0.49	42.30 3.16 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.39 2.44 -0.14	34.34 2.35 -0.28	31.79 2.17 -0.33	27.67 1.63 -0.21
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.94 1.05 0.00	22.82 1.02 0.00	20.40 0.88 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.00 1.03 0.00	38.35 1.98 -0.37	46.55 2.89 -0.51	37.67 2.18 -0.31	31.84 1.87 -0.23	27.99 1.74 -0.27	26.25 1.66 -0.20	24.78 1.61 -0.14	24.78 1.61 -0.14	24.82 1.66 -0.14	26.51 1.70 -0.18	32.00 2.04 -0.34	41.81 2.73 -0.13	65.91 3.29 -15.69	53.97 3.21 -4.96	37.11 2.19 -0.10	34.01 2.09 -0.20	31.39 1.87 -0.23	27.37 1.39 -0.15
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.00 1.03 0.00	38.58 2.05 -0.53	47.02 3.15 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.44 2.08 -0.38	26.75 2.07 -0.29	25.23 2.00 -0.20	25.23 2.00 -0.20	25.28 2.05 -0.22	26.98 2.09 -0.25	32.56 2.46 -0.49	42.22 3.08 -0.18	67.48 3.43 -17.12	54.79 3.39 -5.61	37.11 2.16 -0.14	34.25 2.25 -0.28	31.76 2.14 -0.33	27.72 1.68 -0.21
E179THST_13_KV_LOAD 356214	24.15 1.26 0.00	23.06 1.26 0.00	20.46 0.94 0.00	20.03 0.86 0.00	21.79 0.92 0.00	25.08 1.10 0.00	38.73 2.20 -0.53	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.19 -0.29	25.32 2.10 -0.20	25.34 2.12 -0.20	25.38 2.14 -0.22	27.10 2.22 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.76 3.71 -17.12	55.02 3.62 -5.61	37.29 2.33 -0.14	34.38 2.38 -0.28	31.87 2.26 -0.33	27.82 1.78 -0.21

EAST HAMPTON___GT 23717	41.03 2.38 -15.76	40.97 2.25 -16.92	40.78 1.89 -19.37	40.78 1.84 -19.78	39.68 2.11 -16.70	41.17 2.61 -14.59	194.72 3.74 -154.98	366.43 5.13 -318.15	301.53 4.22 -262.13	188.78 3.81 -155.22	140.09 3.64 -110.47	62.52 3.51 -34.62	49.08 3.34 -22.72	49.09 3.50 -22.56	69.16 3.29 -42.85	69.64 3.64 -41.36	74.92 4.56 -40.75	119.69 5.38 -75.35	744.08 6.24 -690.91	201.06 6.09 -149.17	132.80 4.52 -93.46	77.52 4.44 -41.37	71.31 4.16 -37.86	43.18 3.36 -13.99
EAST RIVER___6 23660	24.15 1.26 0.00	23.00 1.20 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.94 1.06 0.00	25.29 1.32 0.00	39.05 2.52 -0.53	47.67 3.80 -0.73	38.48 2.85 -0.45	32.65 2.59 -0.32	28.80 2.44 -0.38	27.09 2.41 -0.29	25.55 2.32 -0.20	25.57 2.35 -0.20	25.58 2.35 -0.22	27.32 2.44 -0.25	32.94 2.84 -0.49	42.76 3.62 -0.18	68.22 4.18 -17.12	55.48 4.07 -5.61	37.60 2.64 -0.14	34.63 2.63 -0.28	32.05 2.43 -0.33	27.88 1.83 -0.21
EAST RIVER___7 23524	24.15 1.26 0.00	23.00 1.20 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.94 1.06 0.00	25.29 1.32 0.00	39.05 2.52 -0.53	47.67 3.80 -0.73	38.48 2.85 -0.45	32.65 2.59 -0.32	28.80 2.44 -0.38	27.09 2.41 -0.29	25.55 2.32 -0.20	25.57 2.35 -0.20	25.58 2.35 -0.22	27.32 2.44 -0.25	32.94 2.84 -0.49	42.76 3.62 -0.18	68.22 4.18 -17.12	55.48 4.07 -5.61	37.60 2.64 -0.14	34.63 2.63 -0.28	32.05 2.43 -0.33	27.88 1.83 -0.21
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.97 1.08 0.00	22.87 1.07 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.69 2.16 -0.53	47.07 3.19 -0.73	38.05 2.43 -0.44	32.24 2.17 -0.32	28.38 2.03 -0.38	26.65 1.98 -0.29	25.14 1.91 -0.20	25.16 1.93 -0.20	25.18 1.96 -0.20	26.93 2.04 -0.25	32.50 2.40 -0.49	42.18 3.04 -0.18	67.59 3.57 -17.10	54.92 3.53 -5.60	37.32 2.37 -0.14	34.28 2.28 -0.28	31.73 2.11 -0.33	27.62 1.58 -0.21
EAST_HAMPTON___DIESEL 23722	41.03 2.38 -15.76	40.97 2.25 -16.92	40.78 1.89 -19.37	40.80 1.86 -19.78	39.68 2.11 -16.70	41.20 2.64 -14.59	194.72 3.74 -154.98	366.43 5.13 -318.16	301.57 4.26 -262.13	188.78 3.81 -155.23	140.09 3.64 -110.47	62.52 3.51 -34.62	49.08 3.34 -22.72	49.11 3.52 -22.56	69.16 3.29 -42.85	69.64 3.64 -41.36	74.95 4.59 -40.75	119.69 5.38 -75.35	744.08 6.24 -690.91	201.06 6.09 -149.17	132.80 4.52 -93.46	77.56 4.47 -41.37	71.34 4.19 -37.86	43.18 3.36 -13.99
EAST_PULASKI___ESR 323781	22.91 0.02 0.00	21.80 0.00 0.00	19.49 -0.04 0.00	19.15 -0.02 0.00	20.87 0.00 0.00	24.02 0.05 0.00	35.96 -0.04 0.00	42.93 -0.22 0.00	35.04 -0.14 0.00	29.54 -0.21 0.00	25.69 -0.29 0.00	24.07 -0.32 0.00	22.70 -0.32 0.00	22.68 -0.35 0.00	22.65 -0.37 0.00	24.26 -0.37 0.00	29.20 -0.41 0.00	38.53 -0.43 0.00	49.01 -0.42 -2.50	46.08 -0.41 -0.70	34.65 -0.17 0.00	31.43 -0.29 0.00	29.03 -0.26 0.00	25.65 -0.18 0.00
EAST_RIVER___1 323558	24.10 1.21 0.00	22.95 1.15 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.24 1.27 0.00	38.94 2.41 -0.53	47.54 3.66 -0.73	38.30 2.67 -0.45	32.53 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.48 2.26 -0.20	25.47 2.23 -0.22	27.22 2.34 -0.25	32.82 2.72 -0.49	42.53 3.39 -0.18	67.99 3.94 -17.12	55.34 3.94 -5.61	37.50 2.54 -0.14	34.50 2.50 -0.28	31.99 2.37 -0.33	27.82 1.78 -0.21
EAST_RIVER___2 323559	24.15 1.26 0.00	23.00 1.20 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.94 1.06 0.00	25.29 1.32 0.00	39.05 2.52 -0.53	47.67 3.80 -0.73	38.48 2.85 -0.45	32.65 2.59 -0.32	28.80 2.44 -0.38	27.09 2.41 -0.29	25.55 2.32 -0.20	25.57 2.35 -0.20	25.58 2.35 -0.22	27.32 2.44 -0.25	32.94 2.84 -0.49	42.76 3.62 -0.18	68.22 4.18 -17.12	55.48 4.07 -5.61	37.60 2.64 -0.14	34.63 2.63 -0.28	32.05 2.43 -0.33	27.88 1.83 -0.21
EAST___DELAWARE_HYD 23607	24.19 1.30 0.00	23.04 1.24 0.00	20.60 1.07 0.00	20.20 1.03 0.00	22.00 1.13 0.00	25.24 1.27 0.00	38.58 2.34 -0.25	46.76 3.28 -0.34	37.92 2.53 -0.21	31.98 2.08 -0.15	28.03 1.87 -0.18	26.28 1.76 -0.13	24.82 1.70 -0.09	24.85 1.73 -0.09	24.86 1.75 -0.09	26.57 1.82 -0.12	32.09 2.25 -0.23	42.16 3.12 -0.08	64.72 3.80 -13.99	53.76 3.67 -4.30	37.46 2.58 -0.06	34.25 2.41 -0.13	31.61 2.17 -0.15	27.56 1.63 -0.10
EIGHT_POINT___WT_PWR 323820	24.19 1.30 0.00	23.06 1.26 0.00	20.66 1.13 0.00	20.33 1.17 0.00	22.15 1.27 0.00	25.82 1.85 0.00	38.70 2.70 0.00	45.17 2.03 0.00	37.68 2.50 0.00	31.95 2.20 0.00	27.72 1.74 0.00	25.90 1.51 0.00	24.36 1.33 0.00	24.24 1.22 0.00	24.15 1.13 0.00	26.01 1.38 0.00	31.06 1.45 0.00	40.91 1.95 0.00	53.08 1.22 -4.93	48.51 1.33 -1.38	37.19 2.37 0.00	33.05 1.33 0.00	30.43 1.14 0.00	27.07 1.24 0.00
ELBRIDGE_115KV_TB2 80188	23.37 0.48 0.00	22.23 0.44 0.00	19.88 0.35 0.00	19.53 0.36 0.00	21.29 0.42 0.00	24.52 0.55 0.00	36.79 0.79 0.00	43.79 0.65 0.00	35.92 0.74 0.00	30.40 0.65 0.00	26.47 0.49 0.00	24.80 0.41 0.00	23.39 0.37 0.00	23.35 0.32 0.00	23.32 0.30 0.00	25.00 0.37 0.00	30.00 0.38 0.00	39.43 0.47 0.00	50.90 0.42 -3.55	47.25 0.46 -0.99	35.45 0.63 0.00	32.06 0.35 0.00	29.55 0.26 0.00	26.14 0.31 0.00
ELEC_TRO_TEK 24086	24.20 1.30 0.00	23.04 1.24 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.96 1.09 0.00	25.37 1.34 -0.05	38.73 2.20 -0.53	47.20 3.32 -0.73	38.46 2.53 -0.75	32.46 2.35 -0.37	29.11 2.31 -0.82	27.08 2.27 -0.43	25.53 2.21 -0.29	25.52 2.21 -0.29	25.62 2.23 -0.37	27.44 2.39 -0.41	33.10 2.84 -0.65	42.49 3.35 -0.18	67.94 3.90 -17.11	55.20 3.80 -5.61	37.70 2.68 -0.20	34.77 2.70 -0.36	32.32 2.55 -0.48	28.03 1.94 -0.27
ELLENBURG_WT_PWR 323604	22.62 -0.27 0.00	21.62 -0.18 0.00	19.39 -0.14 0.00	19.13 -0.04 0.00	20.89 0.02 0.00	24.00 0.02 0.00	35.42 -0.58 0.00	41.76 -1.38 0.00	34.02 -1.16 0.00	28.88 -0.86 0.00	25.30 -0.68 0.00	23.75 -0.63 0.00	22.38 -0.64 0.00	22.52 -0.51 0.00	22.56 -0.46 0.00	24.21 -0.42 0.00	29.35 -0.27 0.00	38.50 -0.47 0.00	46.46 -0.47 0.00	45.25 -0.55 0.00	34.40 -0.42 0.00	31.68 -0.03 0.00	29.73 0.44 0.00	26.40 0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.94 1.05 0.00	22.71 0.92 0.00	20.36 0.84 0.00	20.07 0.90 0.00	21.73 0.86 0.00	25.44 1.46 0.00	37.55 1.55 0.00	43.14 0.00 0.00	36.38 1.20 0.00	30.82 1.07 0.00	26.84 0.86 0.00	25.04 0.66 0.00	23.60 0.58 0.00	23.44 0.41 0.00	23.32 0.30 0.00	25.17 0.54 0.00	30.03 0.41 0.00	39.23 0.27 0.00	50.27 -0.99 -4.32	46.27 -0.73 -1.21	35.69 0.87 0.00	31.52 -0.19 0.00	29.11 -0.18 0.00	26.09 0.26 0.00
EMPIRE_CC_1 323656	23.62 0.73 0.00	22.49 0.70 0.00	20.15 0.62 0.00	19.76 0.59 0.00	21.48 0.61 0.00	24.72 0.74 0.00	36.33 1.44 1.11	43.68 2.07 1.53	35.84 1.58 0.93	30.41 1.34 0.67	26.38 1.20 0.80	24.90 1.12 0.61	23.66 1.06 0.42	23.71 1.11 0.42	23.71 1.10 0.42	25.29 1.18 0.52	30.04 1.45 1.02	40.53 1.95 0.37	61.86 2.30 -12.63	49.87 2.24 -1.83	36.06 1.53 0.29	32.61 1.49 0.59	29.92 1.32 0.69	26.34 0.96 0.45

EMPIRE_CC_2 323658	23.62 0.73 0.00	22.49 0.70 0.00	20.15 0.62 0.00	19.76 0.59 0.00	21.48 0.61 0.00	24.72 0.74 0.00	36.33 1.44 1.11	43.68 2.07 1.53	35.84 1.58 0.93	30.41 1.34 0.67	26.38 1.20 0.80	24.90 1.12 0.61	23.66 1.06 0.42	23.71 1.11 0.42	23.71 1.10 0.42	25.29 1.18 0.52	30.04 1.45 1.02	40.53 1.95 0.37	61.86 2.30 -12.63	49.87 2.24 -1.83	36.06 1.53 0.29	32.61 1.49 0.59	29.92 1.32 0.69	26.34 0.96 0.45
ENORWICH_115KV_TB1 80156	24.95 2.06 0.00	23.69 1.90 0.00	21.16 1.64 0.00	20.93 1.76 0.00	22.86 1.98 0.00	26.51 2.54 0.00	40.14 4.14 0.00	48.02 4.87 0.00	39.23 4.05 0.00	32.84 3.09 0.00	28.32 2.34 0.00	26.43 2.05 0.00	24.89 1.87 0.00	24.82 1.80 0.00	24.79 1.77 0.00	26.78 2.14 0.00	32.48 2.87 0.00	43.17 4.21 0.00	58.86 5.26 -6.67	52.75 5.08 -1.87	39.21 4.39 0.00	35.30 3.58 0.00	32.39 3.10 0.00	28.41 2.58 0.00
ERIE_ST__34_KV_TB1-2 80199	24.26 1.37 0.00	23.00 1.20 0.00	20.64 1.11 0.00	20.32 1.15 0.00	22.00 1.13 0.00	25.79 1.82 0.00	38.20 2.20 0.00	44.09 0.95 0.00	37.15 1.97 0.00	31.47 1.73 0.00	27.38 1.40 0.00	25.58 1.19 0.00	24.08 1.06 0.00	23.92 0.90 0.00	23.80 0.78 0.00	25.69 1.06 0.00	30.65 1.04 0.00	40.21 1.25 0.00	50.61 -0.70 -4.38	46.56 -0.46 -1.23	36.56 1.74 0.00	32.22 0.51 0.00	29.70 0.41 0.00	26.60 0.77 0.00
ERIE_WT_PWR 323693	24.13 1.24 0.00	22.95 1.15 0.00	20.58 1.05 0.00	20.22 1.05 0.00	21.90 1.02 0.00	25.55 1.58 0.00	38.01 2.01 0.00	43.66 0.52 0.00	36.80 1.62 0.00	31.17 1.43 0.00	27.15 1.17 0.00	25.34 0.95 0.00	23.85 0.83 0.00	23.69 0.67 0.00	23.57 0.55 0.00	25.47 0.84 0.00	30.35 0.74 0.00	39.82 0.86 0.00	50.63 -0.66 -4.36	46.60 -0.41 -1.22	36.21 1.39 0.00	32.00 0.28 0.00	29.44 0.15 0.00	26.37 0.54 0.00
ESPRGFLD_115KV_TB1 80157	24.15 1.26 0.00	22.97 1.18 0.00	20.58 1.05 0.00	20.22 1.05 0.00	22.02 1.15 0.00	25.39 1.41 0.00	38.41 2.41 0.00	46.20 3.06 0.00	37.68 2.50 0.00	31.80 2.05 0.00	27.69 1.71 0.00	25.97 1.59 0.00	24.50 1.47 0.00	24.45 1.43 0.00	24.43 1.43 0.00	26.23 1.60 0.00	31.60 1.98 0.00	41.65 2.69 0.00	59.26 3.24 -9.09	51.50 3.16 -2.55	37.29 2.47 0.00	33.87 2.16 0.00	31.16 1.87 0.00	27.33 1.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.90 1.01 0.00	22.73 0.94 0.00	20.32 0.80 0.00	19.97 0.80 0.00	21.77 0.90 0.00	25.15 1.17 0.00	37.91 1.91 0.00	45.17 2.03 0.00	36.98 1.79 0.00	31.26 1.52 0.00	27.15 1.17 0.00	25.41 1.02 0.00	23.95 0.92 0.00	23.88 0.85 0.00	23.85 0.83 0.00	25.59 0.96 0.00	30.80 1.18 0.00	40.64 1.68 0.00	54.00 1.88 -5.19	49.08 1.83 -1.45	36.63 1.81 0.00	33.05 1.33 0.00	30.40 1.11 0.00	26.84 1.01 0.00
ETNA_____115KV_TB2 80207	23.90 1.01 0.00	22.73 0.94 0.00	20.32 0.80 0.00	19.97 0.80 0.00	21.77 0.90 0.00	25.15 1.17 0.00	37.91 1.91 0.00	45.17 2.03 0.00	36.98 1.79 0.00	31.26 1.52 0.00	27.15 1.17 0.00	25.41 1.02 0.00	23.95 0.92 0.00	23.88 0.85 0.00	23.85 0.83 0.00	25.59 0.96 0.00	30.80 1.18 0.00	40.64 1.68 0.00	54.00 1.88 -5.19	49.08 1.83 -1.45	36.63 1.81 0.00	33.05 1.33 0.00	30.40 1.11 0.00	26.84 1.01 0.00
EUCLID__115KV_TB2 356179	23.00 0.11 0.00	21.86 0.07 0.00	19.56 0.04 0.00	19.22 0.06 0.00	20.94 0.06 0.00	24.07 0.10 0.00	36.00 0.00 0.00	42.93 -0.22 0.00	35.15 -0.04 0.00	29.72 -0.03 0.00	25.93 -0.05 0.00	24.34 -0.05 0.00	22.96 -0.07 0.00	22.93 -0.09 0.00	22.91 -0.12 0.00	24.53 -0.10 0.00	29.41 -0.21 0.00	38.65 -0.31 0.00	49.53 -0.47 -3.06	46.24 -0.41 -0.86	34.68 -0.14 0.00	31.43 -0.29 0.00	29.00 -0.29 0.00	25.65 -0.18 0.00
E_CANADA_CAP_HY 24051	23.58 0.69 0.00	22.45 0.65 0.00	20.19 0.66 0.00	19.74 0.57 0.00	21.56 0.69 0.00	24.96 0.98 0.00	37.91 2.31 0.40	45.83 3.24 0.55	37.31 2.46 0.33	31.32 1.81 0.24	27.17 1.48 0.29	25.46 1.29 0.22	24.00 1.13 0.15	24.07 1.20 0.15	24.09 1.22 0.15	25.80 1.35 0.19	31.08 1.84 0.37	41.90 3.08 0.13	67.68 3.94 -16.81	53.69 3.80 -4.10	37.47 2.75 0.10	33.69 2.19 0.21	30.77 1.73 0.25	26.78 1.11 0.16
E_CANADA_MHWK_HY 24050	23.30 0.41 0.00	22.21 0.41 0.00	19.93 0.41 0.00	19.62 0.46 0.00	21.40 0.52 0.00	24.64 0.67 0.00	37.08 1.08 0.00	44.48 1.34 0.00	36.31 1.13 0.00	30.70 0.95 0.00	26.78 0.81 0.00	25.09 0.71 0.00	23.69 0.67 0.00	23.69 0.67 0.00	23.71 0.69 0.00	25.40 0.76 0.00	30.53 0.92 0.00	40.21 1.25 0.00	48.84 1.55 -0.37	47.41 1.51 -0.10	36.07 1.25 0.00	32.92 1.20 0.00	30.40 1.11 0.00	26.79 0.96 0.00
E_FISHKILL__LBMP 23776	23.83 0.94 0.00	22.71 0.92 0.00	20.31 0.78 0.00	19.89 0.73 0.00	21.65 0.77 0.00	24.93 0.96 0.00	38.37 1.84 -0.54	46.64 2.76 -0.74	37.71 2.08 -0.45	31.94 1.87 -0.32	28.10 1.74 -0.38	26.36 1.68 -0.29	24.86 1.63 -0.20	24.88 1.66 -0.20	24.90 1.68 -0.20	26.63 1.75 -0.25	32.15 2.04 -0.49	41.79 2.65 -0.18	67.32 3.05 -17.34	54.50 3.02 -5.68	36.98 2.02 -0.14	33.97 1.97 -0.29	31.44 1.82 -0.33	27.39 1.34 -0.21
FALCON__SEABRD_CC1 323796	22.91 0.02 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.17 0.29 0.00	24.33 0.36 0.00	35.67 -0.32 0.00	41.85 -1.29 0.00	34.09 -1.09 0.00	29.06 -0.68 0.00	25.46 -0.52 0.00	23.90 -0.49 0.00	22.52 -0.51 0.00	22.66 -0.37 0.00	22.70 -0.32 0.00	24.36 -0.27 0.00	29.58 -0.03 0.00	38.57 -0.39 0.00	46.60 -0.33 0.00	45.29 -0.50 0.00	34.51 -0.31 0.00	31.87 0.16 0.00	30.14 0.85 0.00	26.79 0.96 0.00
FALCON__SEABRD_CC2 323797	22.91 0.02 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.17 0.29 0.00	24.33 0.36 0.00	35.67 -0.32 0.00	41.85 -1.29 0.00	34.09 -1.09 0.00	29.06 -0.68 0.00	25.46 -0.52 0.00	23.90 -0.49 0.00	22.52 -0.51 0.00	22.66 -0.37 0.00	22.70 -0.32 0.00	24.36 -0.27 0.00	29.58 -0.03 0.00	38.57 -0.39 0.00	46.60 -0.33 0.00	45.29 -0.50 0.00	34.51 -0.31 0.00	31.87 0.16 0.00	30.14 0.85 0.00	26.79 0.96 0.00
FAR ROCKAWAY__4 23548	24.42 1.53 0.00	23.26 1.46 0.00	20.73 1.21 0.00	20.32 1.15 0.00	22.17 1.29 0.00	25.58 1.58 -0.03	39.09 2.56 -0.53	47.63 3.75 -0.73	38.68 2.88 -0.61	32.71 2.62 -0.35	29.17 2.57 -0.62	27.26 2.51 -0.37	25.69 2.42 -0.25	25.69 2.42 -0.25	25.75 2.44 -0.29	27.58 2.61 -0.34	33.36 3.17 -0.58	42.96 3.82 -0.18	68.50 4.46 -17.11	55.75 4.35 -5.61	38.09 3.10 -0.17	35.09 3.04 -0.33	32.54 2.84 -0.41	28.29 2.22 -0.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.20 1.22 0.00	38.98 2.45 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.44 2.21 -0.20	25.49 2.26 -0.21	27.22 2.34 -0.25	32.80 2.69 -0.49	42.57 3.43 -0.18	67.99 3.94 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.50 2.51 -0.28	31.99 2.37 -0.33	27.82 1.78 -0.21

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.20 1.22 0.00	38.98 2.45 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.67 2.31 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.44 2.21 -0.20	25.49 2.26 -0.21	27.22 2.34 -0.25	32.80 2.69 -0.49	42.57 3.43 -0.18	67.99 3.94 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.53 2.54 -0.28	31.99 2.37 -0.33	27.85 1.81 -0.21
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.85 0.98 0.00	25.20 1.22 0.00	38.94 2.41 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.67 2.31 -0.38	26.94 2.27 -0.29	25.41 2.19 -0.20	25.44 2.21 -0.20	25.47 2.23 -0.21	27.20 2.32 -0.25	32.80 2.69 -0.49	42.53 3.39 -0.18	67.99 3.94 -17.12	55.30 3.89 -5.61	37.50 2.54 -0.14	34.50 2.51 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
FARRAGUT___LBMP 323566	24.08 1.19 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.17 1.20 0.00	38.91 2.38 -0.53	47.46 3.58 -0.73	38.27 2.64 -0.45	32.51 2.44 -0.32	28.64 2.29 -0.38	26.94 2.27 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.21	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.94 3.90 -17.12	55.25 3.85 -5.61	37.46 2.51 -0.14	34.47 2.47 -0.28	31.93 2.31 -0.33	27.80 1.76 -0.21
FENNER___WINDPWR 24204	23.67 0.78 0.00	22.52 0.72 0.00	20.13 0.61 0.00	19.80 0.63 0.00	21.58 0.71 0.00	24.86 0.89 0.00	37.44 1.44 0.00	44.82 1.68 0.00	36.62 1.44 0.00	30.90 1.16 0.00	26.86 0.88 0.00	25.17 0.78 0.00	23.71 0.69 0.00	23.67 0.64 0.00	23.66 0.64 0.00	25.40 0.76 0.00	30.59 0.98 0.00	40.40 1.44 0.00	51.71 1.78 -3.00	48.33 1.70 -0.84	36.32 1.50 0.00	32.92 1.20 0.00	30.29 1.00 0.00	26.68 0.85 0.00
FIBERTEK___ENERGY 23856	23.35 0.46 0.00	22.21 0.41 0.00	19.86 0.33 0.00	19.51 0.34 0.00	21.27 0.40 0.00	24.48 0.50 0.00	36.72 0.72 0.00	43.75 0.60 0.00	35.85 0.67 0.00	30.34 0.59 0.00	26.42 0.44 0.00	24.78 0.39 0.00	23.37 0.35 0.00	23.32 0.30 0.00	23.30 0.28 0.00	24.95 0.32 0.00	29.94 0.33 0.00	39.39 0.43 0.00	50.74 0.42 -3.39	47.20 0.46 -0.95	35.41 0.59 0.00	32.03 0.32 0.00	29.52 0.23 0.00	26.11 0.28 0.00
FITZPATRICK____ 23598	22.55 -0.34 0.00	21.47 -0.33 0.00	19.21 -0.31 0.00	18.86 -0.31 0.00	20.54 -0.33 0.00	23.59 -0.38 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.34 -0.84 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.57 0.00	22.40 -0.62 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.75 -0.86 0.00	37.83 -1.13 0.00	47.74 -1.41 -2.22	45.04 -1.37 -0.62	33.91 -0.91 0.00	30.79 -0.92 0.00	28.41 -0.88 0.00	25.18 -0.64 0.00
FLOWRFLD_69_KV_BK1 356044	43.31 1.60 -18.81	43.50 1.50 -20.20	43.89 1.25 -23.12	43.96 1.19 -23.61	42.12 1.32 -19.93	43.05 1.61 -17.47	223.29 2.41 -184.88	426.13 3.54 -379.45	350.94 2.81 -312.94	217.51 2.59 -185.18	160.71 2.60 -132.13	68.29 2.54 -41.37	52.64 2.46 -27.15	52.45 2.46 -26.96	76.75 2.49 -51.24	76.76 2.68 -49.44	81.53 3.26 -48.66	132.45 3.62 -89.87	872.28 4.32 -821.03	226.72 4.03 -176.89	149.28 2.92 -111.54	84.13 3.04 -49.38	77.48 2.96 -45.23	44.84 2.32 -16.69
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.08 1.19 0.00	22.95 1.16 0.00	20.52 1.00 0.00	20.10 0.94 0.00	21.88 1.00 0.00	25.10 1.13 0.00	38.58 2.20 -0.38	46.86 3.19 -0.53	37.93 2.43 -0.32	32.06 2.08 -0.23	28.15 1.90 -0.27	26.40 1.80 -0.21	24.92 1.75 -0.15	24.92 1.75 -0.14	24.96 1.80 -0.14	26.66 1.85 -0.18	32.19 2.22 -0.35	42.13 3.04 -0.13	66.95 3.66 -16.35	54.54 3.57 -5.17	37.36 2.44 -0.10	34.23 2.32 -0.21	31.61 2.08 -0.24	27.53 1.55 -0.15
FORT ORANGE____ 23900	23.64 0.75 0.00	22.49 0.70 0.00	20.13 0.61 0.00	19.74 0.57 0.00	21.44 0.56 0.00	24.57 0.60 0.00	36.85 1.33 0.48	44.25 1.77 0.67	36.08 1.30 0.40	30.55 1.10 0.29	26.59 0.96 0.35	25.02 0.90 0.26	23.69 0.85 0.18	23.72 0.87 0.18	23.71 0.87 0.18	25.34 0.94 0.23	30.32 1.15 0.44	40.47 1.67 0.16	64.75 2.02 -15.80	51.45 1.97 -3.69	36.02 1.32 0.12	32.76 1.30 0.26	30.10 1.11 0.30	26.38 0.75 0.19
FORT_DRUM_COGEN 23780	23.14 0.25 0.00	21.99 0.20 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.10 0.23 0.00	24.31 0.34 0.00	36.58 0.58 0.00	43.75 0.60 0.00	35.60 0.42 0.00	29.78 0.03 0.00	25.74 -0.23 0.00	24.07 -0.32 0.00	22.63 -0.39 0.00	22.59 -0.44 0.00	22.58 -0.44 0.00	24.31 -0.32 0.00	29.52 -0.09 0.00	39.23 0.27 0.00	49.44 0.80 -1.71	47.01 0.73 -0.48	35.48 0.66 0.00	32.19 0.48 0.00	29.67 0.38 0.00	26.11 0.28 0.00
FPL_FAR_ROCK_GT1 24212	24.42 1.53 0.00	23.24 1.44 0.00	20.72 1.19 0.00	20.32 1.15 0.00	22.17 1.29 0.00	25.63 1.63 -0.03	39.01 2.48 -0.53	47.63 3.75 -0.73	38.68 2.89 -0.61	32.71 2.62 -0.35	29.18 2.57 -0.62	27.26 2.51 -0.37	25.69 2.42 -0.25	25.78 2.51 -0.25	25.73 2.42 -0.29	27.59 2.61 -0.35	33.37 3.17 -0.59	42.92 3.78 -0.18	68.41 4.37 -17.11	55.71 4.30 -5.61	38.06 3.06 -0.17	35.09 3.04 -0.33	32.55 2.84 -0.42	28.30 2.22 -0.25
FPL_FAR_ROCK_GT2 23815	24.42 1.53 0.00	23.24 1.44 0.00	20.72 1.19 0.00	20.32 1.15 0.00	22.17 1.29 0.00	25.63 1.63 -0.03	39.01 2.48 -0.53	47.63 3.75 -0.73	38.68 2.89 -0.61	32.71 2.62 -0.35	29.18 2.57 -0.62	27.26 2.51 -0.37	25.69 2.42 -0.25	25.78 2.51 -0.25	25.73 2.42 -0.29	27.59 2.61 -0.35	33.37 3.17 -0.59	42.92 3.78 -0.18	68.41 4.37 -17.11	55.71 4.30 -5.61	38.06 3.06 -0.17	35.09 3.04 -0.33	32.55 2.84 -0.42	28.30 2.22 -0.25
FRANKLIN_FALL_HYD 24054	22.75 -0.14 0.00	21.75 -0.04 0.00	19.49 -0.04 0.00	19.20 0.04 0.00	20.98 0.10 0.00	24.04 0.07 0.00	35.68 -0.32 0.00	42.15 -0.99 0.00	34.37 -0.81 0.00	28.97 -0.77 0.00	25.35 -0.62 0.00	23.78 -0.61 0.00	22.40 -0.62 0.00	22.50 -0.53 0.00	22.51 -0.51 0.00	24.14 -0.49 0.00	29.35 -0.27 0.00	38.69 -0.27 0.00	47.03 -0.19 -0.29	45.56 -0.32 -0.08	34.61 -0.21 0.00	31.90 0.19 0.00	29.73 0.44 0.00	26.45 0.62 0.00
FREEPORT_EQUS_GT1 23764	24.31 1.42 0.00	23.15 1.35 0.00	20.64 1.11 0.00	20.22 1.05 0.00	22.08 1.21 0.00	25.62 1.54 -0.11	38.76 2.23 -0.53	47.33 3.45 -0.73	38.95 2.67 -1.09	32.61 2.44 -0.42	29.75 2.44 -1.33	27.36 2.39 -0.59	25.77 2.35 -0.40	25.83 2.42 -0.39	25.91 2.32 -0.57	27.76 2.51 -0.61	33.50 3.05 -0.84	42.65 3.51 -0.18	68.08 4.04 -17.11	55.39 3.98 -5.61	37.91 2.82 -0.28	35.05 2.89 -0.45	32.73 2.78 -0.66	28.31 2.14 -0.34
FREEPORT___CT2 23818	24.31 1.42 0.00	23.15 1.35 0.00	20.64 1.11 0.00	20.22 1.05 0.00	22.08 1.21 0.00	25.62 1.54 -0.11	38.76 2.23 -0.53	47.33 3.45 -0.73	38.95 2.67 -1.09	32.61 2.44 -0.42	29.75 2.44 -1.33	27.36 2.39 -0.59	25.77 2.35 -0.40	25.83 2.42 -0.39	25.91 2.32 -0.57	27.76 2.51 -0.61	33.50 3.05 -0.84	42.65 3.51 -0.18	68.08 4.04 -17.11	55.39 3.98 -5.61	37.91 2.82 -0.28	35.05 2.89 -0.45	32.73 2.78 -0.66	28.31 2.14 -0.34

FRESHKLS_33_KV_LOAD 356253	24.10 1.21 0.00	23.02 1.22 0.00	20.44 0.92 0.00	19.99 0.82 0.00	21.79 0.92 0.00	25.03 1.05 0.00	34.34 1.98 3.64	37.65 3.15 8.64	34.58 2.32 2.92	32.18 2.11 -0.32	28.41 2.05 -0.38	26.72 2.05 -0.29	25.21 1.98 -0.20	25.23 2.00 -0.20	25.28 2.05 -0.22	27.00 2.12 -0.25	32.59 2.49 -0.49	37.04 3.16 5.08	48.77 3.52 1.68	40.03 3.43 9.20	35.52 2.19 1.49	34.25 2.25 -0.28	31.87 2.26 -0.33	27.80 1.76 -0.21
FULTON COGEN____ 23766	22.89 0.00 0.00	21.78 -0.02 0.00	19.49 -0.04 0.00	19.13 -0.04 0.00	20.85 -0.02 0.00	23.97 0.00 0.00	35.86 -0.14 0.00	42.80 -0.35 0.00	35.01 -0.18 0.00	29.60 -0.15 0.00	25.80 -0.18 0.00	24.19 -0.20 0.00	22.82 -0.21 0.00	22.80 -0.23 0.00	22.77 -0.25 0.00	24.39 -0.25 0.00	29.26 -0.36 0.00	38.49 -0.47 0.00	49.12 -0.56 -2.75	46.02 -0.55 -0.77	34.58 -0.24 0.00	31.33 -0.38 0.00	28.88 -0.41 0.00	25.57 -0.26 0.00
FULTON____LFGE 323630	24.33 1.44 0.00	23.19 1.40 0.00	20.87 1.35 0.00	20.37 1.21 0.00	22.27 1.40 0.00	25.79 1.82 0.00	39.31 3.71 0.40	47.59 5.00 0.55	38.79 3.94 0.33	32.54 3.04 0.24	28.19 2.49 0.29	26.24 2.07 0.22	24.81 1.93 0.15	24.97 2.10 0.15	24.92 2.05 0.15	26.71 2.26 0.19	32.21 2.96 0.37	43.62 4.79 0.13	69.65 5.91 -16.81	55.61 5.72 -4.10	38.96 4.25 0.10	34.93 3.43 0.21	31.85 2.81 0.25	27.66 1.99 0.16
G.F.CEMENT____DRP 24184	23.90 1.01 0.00	22.76 0.96 0.00	20.58 1.05 0.00	20.12 0.96 0.00	22.08 1.21 0.00	25.51 1.53 0.00	38.43 2.92 0.48	46.40 3.93 0.67	37.87 3.10 0.40	31.89 2.44 0.29	27.76 2.13 0.35	26.02 1.90 0.26	24.52 1.68 0.18	24.59 1.75 0.18	24.57 1.73 0.18	26.25 1.85 0.23	31.30 2.13 0.44	41.91 3.12 0.16	67.12 3.85 -16.35	53.48 3.85 -3.84	37.48 2.79 0.12	33.80 2.35 0.26	30.95 1.96 0.30	27.06 1.42 0.19
GARDENVILLE____LBMP 24039	24.03 1.14 0.00	22.78 0.98 0.00	20.44 0.92 0.00	20.14 0.98 0.00	21.81 0.94 0.00	25.53 1.56 0.00	37.73 1.73 0.00	43.49 0.35 0.00	36.62 1.44 0.00	31.02 1.28 0.00	27.02 1.04 0.00	25.21 0.83 0.00	23.76 0.74 0.00	23.60 0.58 0.00	23.48 0.46 0.00	25.35 0.71 0.00	30.23 0.62 0.00	39.55 0.58 0.00	50.54 -0.75 -4.36	46.51 -0.50 -1.22	36.00 1.18 0.00	31.78 0.06 0.00	29.32 0.03 0.00	26.27 0.44 0.00
GARDNVLA_35_KV_LD 355827	24.15 1.26 0.00	22.89 1.09 0.00	20.54 1.02 0.00	20.24 1.07 0.00	21.90 1.02 0.00	25.65 1.68 0.00	37.91 1.91 0.00	43.70 0.56 0.00	36.83 1.65 0.00	31.20 1.46 0.00	27.17 1.20 0.00	25.36 0.98 0.00	23.88 0.85 0.00	23.74 0.71 0.00	23.62 0.60 0.00	25.49 0.86 0.00	30.41 0.80 0.00	39.78 0.82 0.00	50.72 -0.56 -4.36	46.69 -0.32 -1.22	36.18 1.36 0.00	31.94 0.22 0.00	29.47 0.18 0.00	26.40 0.57 0.00
GELCKHM__115KV_LOAD 80723	23.12 0.23 0.00	21.99 0.20 0.00	19.66 0.14 0.00	19.32 0.15 0.00	21.04 0.17 0.00	24.21 0.24 0.00	36.25 0.25 0.00	43.23 0.09 0.00	35.39 0.21 0.00	29.92 0.18 0.00	26.08 0.10 0.00	24.48 0.10 0.00	23.09 0.07 0.00	23.07 0.05 0.00	23.04 0.02 0.00	24.68 0.05 0.00	29.58 -0.03 0.00	38.92 -0.04 0.00	49.98 -0.14 -3.19	46.60 -0.09 -0.89	34.96 0.14 0.00	31.62 -0.10 0.00	29.17 -0.12 0.00	25.80 -0.03 0.00
GENERAL____MILLS 23808	24.10 1.21 0.00	22.87 1.07 0.00	20.50 0.98 0.00	20.20 1.03 0.00	21.88 1.00 0.00	25.60 1.63 0.00	37.84 1.84 0.00	43.62 0.47 0.00	36.76 1.58 0.00	31.14 1.40 0.00	27.10 1.12 0.00	25.31 0.93 0.00	23.83 0.81 0.00	23.69 0.67 0.00	23.57 0.55 0.00	25.45 0.81 0.00	30.35 0.74 0.00	39.70 0.74 0.00	50.63 -0.66 -4.36	46.60 -0.41 -1.22	36.11 1.29 0.00	31.87 0.16 0.00	29.41 0.12 0.00	26.35 0.52 0.00
GE_PLASTICS____DRP 24183	23.55 0.66 0.00	22.43 0.63 0.00	20.09 0.57 0.00	19.68 0.52 0.00	21.40 0.52 0.00	24.55 0.58 0.00	36.83 1.22 0.39	44.24 1.64 0.54	36.08 1.23 0.33	30.58 1.07 0.24	26.66 0.96 0.28	25.07 0.90 0.21	23.73 0.85 0.15	23.75 0.87 0.15	23.75 0.87 0.15	25.38 0.94 0.18	30.38 1.13 0.36	40.39 1.56 0.13	64.98 1.83 -16.22	51.52 1.79 -3.94	35.94 1.22 0.10	32.71 1.21 0.21	30.10 1.05 0.24	26.39 0.72 0.16
GILBOA____1 23756	23.58 0.69 0.00	22.45 0.65 0.00	20.19 0.66 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.69 0.72 0.00	37.33 1.33 0.00	45.00 1.85 0.00	36.62 1.44 0.00	30.99 1.25 0.00	27.09 1.12 0.00	25.46 1.07 0.00	24.06 1.04 0.00	24.06 1.04 0.00	24.06 1.04 0.00	25.74 1.11 0.00	30.91 1.30 0.00	40.56 1.60 0.00	63.55 1.83 -14.79	51.77 1.83 -4.14	36.11 1.29 0.00	33.01 1.30 0.00	30.46 1.17 0.00	26.71 0.88 0.00
GILBOA____2 23757	23.58 0.69 0.00	22.45 0.65 0.00	20.19 0.66 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.69 0.72 0.00	37.33 1.33 0.00	45.00 1.85 0.00	36.62 1.44 0.00	30.99 1.25 0.00	27.09 1.12 0.00	25.46 1.07 0.00	24.06 1.04 0.00	24.06 1.04 0.00	24.06 1.04 0.00	25.74 1.11 0.00	30.91 1.30 0.00	40.56 1.60 0.00	63.55 1.83 -14.79	51.77 1.83 -4.14	36.11 1.29 0.00	33.01 1.30 0.00	30.46 1.17 0.00	26.71 0.88 0.00
GILBOA____3 23758	23.58 0.69 0.00	22.45 0.65 0.00	20.19 0.66 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.69 0.72 0.00	37.33 1.33 0.00	45.00 1.85 0.00	36.62 1.44 0.00	30.99 1.25 0.00	27.09 1.12 0.00	25.46 1.07 0.00	24.06 1.04 0.00	24.06 1.04 0.00	24.06 1.04 0.00	25.74 1.11 0.00	30.91 1.30 0.00	40.56 1.60 0.00	63.55 1.83 -14.79	51.77 1.83 -4.14	36.11 1.29 0.00	33.01 1.30 0.00	30.46 1.17 0.00	26.71 0.88 0.00
GILBOA____4 23759	23.58 0.69 0.00	22.45 0.65 0.00	20.19 0.66 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.69 0.72 0.00	37.33 1.33 0.00	45.00 1.85 0.00	36.62 1.44 0.00	30.99 1.25 0.00	27.09 1.12 0.00	25.46 1.07 0.00	24.06 1.04 0.00	24.06 1.04 0.00	24.06 1.04 0.00	25.74 1.11 0.00	30.91 1.30 0.00	40.56 1.60 0.00	63.55 1.83 -14.79	51.77 1.83 -4.14	36.11 1.29 0.00	33.01 1.30 0.00	30.46 1.17 0.00	26.71 0.88 0.00
GILBOA____ 23599	23.58 0.69 0.00	22.45 0.65 0.00	20.19 0.66 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.69 0.72 0.00	37.33 1.33 0.00	45.00 1.86 0.00	36.62 1.44 0.00	30.99 1.25 0.00	27.10 1.12 0.00	25.46 1.07 0.00	24.06 1.04 0.00	24.06 1.04 0.00	24.06 1.04 0.00	25.74 1.11 0.00	30.92 1.30 0.00	40.56 1.60 0.00	63.56 1.83 -14.79	51.77 1.83 -4.14	36.11 1.29 0.00	33.01 1.30 0.00	30.46 1.17 0.00	26.71 0.88 0.00
GINNA____ 23603	22.34 -0.55 0.00	21.21 -0.59 0.00	18.96 -0.57 0.00	18.59 -0.57 0.00	20.25 -0.63 0.00	23.42 -0.55 0.00	35.21 -0.79 0.00	41.46 -1.68 0.00	34.41 -0.77 0.00	29.00 -0.74 0.00	25.17 -0.81 0.00	23.53 -0.85 0.00	22.24 -0.78 0.00	22.13 -0.90 0.00	22.08 -0.94 0.00	23.75 -0.89 0.00	28.43 -1.19 0.00	37.33 -1.63 0.00	48.50 -2.02 -3.59	44.92 -1.88 -1.01	33.74 -1.08 0.00	30.35 -1.36 0.00	27.91 -1.38 0.00	24.74 -1.08 0.00

GLEN PARK____ 23778	23.26 0.37 0.00	22.08 0.28 0.00	19.72 0.20 0.00	19.45 0.29 0.00	21.21 0.33 0.00	24.40 0.43 0.00	36.76 0.76 0.00	43.96 0.82 0.00	35.78 0.60 0.00	29.89 0.15 0.00	25.82 -0.15 0.00	24.12 -0.27 0.00	22.68 -0.34 0.00	22.61 -0.41 0.00	22.63 -0.39 0.00	24.39 -0.25 0.00	29.64 0.03 0.00	39.43 0.47 0.00	49.79 1.08 -1.77	47.35 1.05 -0.50	35.69 0.87 0.00	32.38 0.67 0.00	29.82 0.53 0.00	26.22 0.39 0.00
GLENDAL_27_KV_LOAD 356172	24.10 1.21 0.00	23.02 1.22 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.81 0.94 0.00	25.15 1.17 0.00	38.87 2.34 -0.53	47.46 3.58 -0.73	38.30 2.67 -0.45	32.51 2.44 -0.32	28.70 2.34 -0.38	26.99 2.32 -0.29	25.44 2.21 -0.20	25.46 2.23 -0.20	25.49 2.26 -0.22	27.22 2.34 -0.25	32.82 2.72 -0.49	42.61 3.47 -0.18	67.94 3.90 -17.12	55.25 3.85 -5.61	37.43 2.47 -0.14	34.50 2.51 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GLENWOOD_IC_1_G5 23712	24.31 1.42 0.00	23.15 1.35 0.00	20.64 1.11 0.00	20.22 1.05 0.00	22.06 1.19 0.00	25.57 1.49 -0.11	38.94 2.41 -0.53	47.46 3.58 -0.73	39.01 2.78 -1.05	32.69 2.53 -0.42	29.74 2.49 -1.27	27.37 2.41 -0.57	25.76 2.35 -0.38	25.75 2.35 -0.38	25.93 2.37 -0.54	27.75 2.54 -0.58	33.48 3.05 -0.81	42.80 3.66 -0.18	68.27 4.22 -17.11	55.52 4.12 -5.61	38.01 2.92 -0.27	35.07 2.92 -0.44	32.65 2.72 -0.63	28.24 2.09 -0.32
GLENWOOD_IC_2_G1 23688	24.24 1.35 0.00	23.08 1.29 0.00	20.60 1.07 0.00	20.18 1.02 0.00	22.02 1.15 0.00	25.47 1.46 -0.03	38.76 2.23 -0.53	47.33 3.45 -0.73	38.48 2.67 -0.62	32.53 2.44 -0.35	29.01 2.39 -0.64	27.10 2.34 -0.37	25.56 2.28 -0.26	25.63 2.35 -0.25	25.58 2.26 -0.30	27.43 2.44 -0.36	33.14 2.93 -0.59	42.57 3.43 -0.18	68.03 3.99 -17.11	55.34 3.94 -5.61	37.74 2.75 -0.17	34.84 2.79 -0.33	32.35 2.64 -0.43	28.10 2.02 -0.25
GLENWOOD_IC_3_G1 23689	24.24 1.35 0.00	23.08 1.29 0.00	20.60 1.07 0.00	20.18 1.02 0.00	22.02 1.15 0.00	25.47 1.46 -0.03	38.76 2.23 -0.53	47.33 3.45 -0.73	38.48 2.67 -0.62	32.53 2.44 -0.35	29.01 2.39 -0.64	27.10 2.34 -0.37	25.56 2.28 -0.26	25.63 2.35 -0.25	25.58 2.26 -0.30	27.43 2.44 -0.36	33.14 2.93 -0.59	42.57 3.43 -0.18	68.03 3.99 -17.11	55.34 3.94 -5.61	37.74 2.75 -0.17	34.84 2.79 -0.33	32.35 2.64 -0.43	28.10 2.02 -0.25
GLENWOOD____4 23550	24.31 1.42 0.00	23.15 1.35 0.00	20.64 1.11 0.00	20.22 1.05 0.00	22.06 1.19 0.00	25.57 1.49 -0.11	38.94 2.41 -0.53	47.46 3.58 -0.73	39.01 2.78 -1.05	32.69 2.53 -0.42	29.74 2.49 -1.27	27.37 2.41 -0.57	25.76 2.35 -0.38	25.75 2.35 -0.38	25.93 2.37 -0.54	27.75 2.54 -0.58	33.48 3.05 -0.81	42.80 3.66 -0.18	68.27 4.22 -17.11	55.52 4.12 -5.61	38.01 2.92 -0.27	35.07 2.92 -0.44	32.65 2.72 -0.63	28.24 2.09 -0.32
GLENWOOD____5 23614	24.31 1.42 0.00	23.15 1.35 0.00	20.64 1.11 0.00	20.22 1.05 0.00	22.06 1.19 0.00	25.57 1.49 -0.11	38.94 2.41 -0.53	47.46 3.58 -0.73	39.01 2.78 -1.05	32.69 2.53 -0.42	29.74 2.49 -1.27	27.37 2.41 -0.57	25.76 2.35 -0.38	25.75 2.35 -0.38	25.93 2.37 -0.54	27.75 2.54 -0.58	33.48 3.05 -0.81	42.80 3.66 -0.18	68.27 4.22 -17.11	55.52 4.12 -5.61	38.01 2.92 -0.27	35.07 2.92 -0.44	32.65 2.72 -0.63	28.24 2.09 -0.32
GLOBAL GREEN_PORT_GT1 23814	40.98 2.34 -15.76	40.92 2.20 -16.92	40.74 1.86 -19.36	40.76 1.82 -19.77	39.64 2.07 -16.70	41.12 2.57 -14.58	194.61 3.67 -154.94	366.31 5.09 -318.08	301.44 4.18 -262.08	188.68 3.75 -155.19	140.01 3.59 -110.45	62.46 3.46 -34.61	49.03 3.29 -22.71	49.06 3.48 -22.56	69.13 3.27 -42.84	69.58 3.60 -41.36	74.85 4.50 -40.74	119.55 5.26 -75.33	743.84 6.15 -690.76	200.93 6.00 -149.14	132.72 4.46 -93.44	77.45 4.38 -41.36	71.27 4.13 -37.85	43.12 3.31 -13.99
GLOBE____DSASP 323697	23.21 0.32 0.00	21.99 0.20 0.00	19.74 0.21 0.00	19.43 0.27 0.00	21.04 0.17 0.00	24.62 0.65 0.00	36.22 0.22 0.00	41.46 -1.68 0.00	34.97 -0.21 0.00	29.63 -0.12 0.00	25.82 -0.16 0.00	24.12 -0.27 0.00	22.73 -0.30 0.00	22.59 -0.44 0.00	22.47 -0.55 0.00	24.26 -0.37 0.00	28.87 -0.74 0.00	37.64 -1.32 0.00	48.54 -2.58 -4.19	44.73 -2.24 -1.17	34.26 -0.56 0.00	30.32 -1.40 0.00	28.00 -1.29 0.00	25.16 -0.67 0.00
GOETHSLN____LBMP 323567	23.97 1.08 0.00	22.89 1.09 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.05 1.08 0.00	34.52 2.16 3.64	37.83 3.32 8.63	34.66 2.39 2.91	32.33 2.26 -0.32	28.51 2.16 -0.38	26.82 2.15 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.35 2.12 -0.21	27.08 2.19 -0.25	32.59 2.49 -0.49	42.26 3.12 -0.18	67.66 3.61 -17.12	55.02 3.62 -5.61	37.25 2.30 -0.14	34.31 2.32 -0.28	31.82 2.20 -0.33	27.67 1.63 -0.21
GOLAH____69_KV_TB 1_2 80279	23.67 0.78 0.00	22.41 0.61 0.00	20.05 0.53 0.00	19.70 0.54 0.00	21.46 0.58 0.00	24.96 0.98 0.00	37.15 1.15 0.00	43.53 0.39 0.00	36.27 1.09 0.00	30.61 0.86 0.00	26.58 0.60 0.00	24.82 0.44 0.00	23.39 0.37 0.00	23.30 0.28 0.00	23.20 0.18 0.00	24.95 0.32 0.00	29.79 0.18 0.00	39.08 0.12 0.00	50.51 -0.09 -3.67	47.05 0.23 -1.03	35.55 0.73 0.00	31.78 0.06 0.00	29.26 -0.03 0.00	26.01 0.18 0.00
GOODYEAR_LAKE_HYD 323669	24.06 1.17 0.00	22.89 1.09 0.00	20.50 0.98 0.00	20.14 0.98 0.00	21.94 1.06 0.00	25.24 1.27 0.00	38.20 2.20 0.00	45.95 2.80 0.00	37.47 2.29 0.00	31.62 1.87 0.00	27.56 1.58 0.00	25.85 1.46 0.00	24.38 1.36 0.00	24.36 1.34 0.00	24.36 1.34 0.00	26.11 1.48 0.00	31.45 1.84 0.00	41.42 2.45 0.00	58.93 2.91 -9.09	51.18 2.84 -2.55	37.05 2.23 0.00	33.68 1.97 0.00	31.02 1.73 0.00	27.20 1.37 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.78 0.89 0.00	22.60 0.81 0.00	20.25 0.72 0.00	19.89 0.73 0.00	21.65 0.77 0.00	25.03 1.05 0.00	37.58 1.58 0.00	44.65 1.51 0.00	36.62 1.44 0.00	30.99 1.25 0.00	26.99 1.01 0.00	25.29 0.90 0.00	23.83 0.81 0.00	23.79 0.76 0.00	23.76 0.74 0.00	25.47 0.84 0.00	30.56 0.95 0.00	40.21 1.25 0.00	54.59 1.03 -6.62	48.75 1.10 -1.86	36.18 1.36 0.00	32.60 0.89 0.00	30.05 0.76 0.00	26.58 0.75 0.00
GOUDEY____7 23579	23.81 0.92 0.00	22.63 0.83 0.00	20.27 0.74 0.00	19.91 0.75 0.00	21.67 0.79 0.00	25.05 1.08 0.00	37.66 1.66 0.00	44.74 1.60 0.00	36.66 1.48 0.00	31.02 1.28 0.00	27.02 1.04 0.00	25.31 0.93 0.00	23.85 0.83 0.00	23.81 0.78 0.00	23.78 0.76 0.00	25.49 0.86 0.00	30.59 0.98 0.00	40.25 1.29 0.00	54.63 1.08 -6.62	48.80 1.14 -1.86	36.25 1.43 0.00	32.63 0.92 0.00	30.08 0.79 0.00	26.60 0.77 0.00
GOUDEY____8 23580	23.78 0.89 0.00	22.60 0.81 0.00	20.25 0.72 0.00	19.89 0.73 0.00	21.65 0.77 0.00	25.03 1.05 0.00	37.58 1.58 0.00	44.65 1.51 0.00	36.62 1.44 0.00	30.99 1.25 0.00	26.99 1.01 0.00	25.29 0.90 0.00	23.83 0.81 0.00	23.79 0.76 0.00	23.76 0.74 0.00	25.47 0.84 0.00	30.56 0.95 0.00	40.21 1.25 0.00	54.59 1.03 -6.62	48.75 1.10 -1.86	36.18 1.36 0.00	32.60 0.89 0.00	30.05 0.76 0.00	26.58 0.75 0.00

GOWANUS_GT1_1 24077	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT1_2 24078	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT1_3 24079	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT1_4 24080	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT1_5 24084	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT1_6 24111	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT1_7 24112	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT1_8 24113	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT2_1 24114	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT2_2 24115	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT2_3 24116	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT2_4 24117	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT2_5 24118	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT2_6 24119	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT2_7 24120	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21

GOWANUS_GT4_7 24136	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GOWANUS_GT4_8 24137	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GREENBSH_115KV_TB3 55895	23.53 0.64 0.00	22.41 0.61 0.00	20.05 0.53 0.00	19.64 0.48 0.00	21.33 0.46 0.00	24.48 0.50 0.00	36.60 1.12 0.51	43.94 1.51 0.71	35.84 1.09 0.43	30.42 0.98 0.31	26.50 0.88 0.37	24.91 0.80 0.28	23.61 0.78 0.20	23.62 0.78 0.19	23.63 0.81 0.19	25.23 0.84 0.24	30.18 1.04 0.47	40.23 1.44 0.17	64.43 1.74 -15.76	51.07 1.65 -3.63	35.77 1.08 0.13	32.55 1.11 0.27	29.94 0.97 0.32	26.27 0.65 0.21
GREENDGE_115KV_TB5 80291	23.94 1.05 0.00	22.73 0.94 0.00	20.32 0.80 0.00	19.99 0.82 0.00	21.81 0.94 0.00	25.34 1.37 0.00	37.76 1.76 0.00	44.61 1.47 0.00	36.80 1.62 0.00	31.41 1.67 0.00	27.25 1.27 0.00	25.48 1.10 0.00	23.97 0.94 0.00	23.88 0.85 0.00	23.83 0.81 0.00	25.59 0.96 0.00	30.71 1.10 0.00	40.09 1.13 0.00	52.67 0.94 -4.80	48.10 0.96 -1.34	36.49 1.67 0.00	32.76 1.05 0.00	30.14 0.85 0.00	26.71 0.88 0.00
GREENIDGE___3 23582	23.94 1.05 0.00	22.73 0.94 0.00	20.32 0.80 0.00	19.99 0.82 0.00	21.81 0.94 0.00	25.34 1.37 0.00	37.76 1.76 0.00	44.61 1.47 0.00	36.80 1.62 0.00	31.41 1.67 0.00	27.25 1.27 0.00	25.48 1.10 0.00	23.97 0.94 0.00	23.88 0.85 0.00	23.83 0.81 0.00	25.59 0.96 0.00	30.71 1.10 0.00	40.09 1.13 0.00	52.67 0.94 -4.80	48.10 0.96 -1.34	36.49 1.67 0.00	32.76 1.05 0.00	30.14 0.85 0.00	26.71 0.88 0.00
GREENIDGE___4 23583	23.94 1.05 0.00	22.76 0.96 0.00	20.36 0.84 0.00	19.99 0.82 0.00	21.81 0.94 0.00	25.31 1.34 0.00	37.83 1.83 0.00	44.61 1.47 0.00	36.80 1.62 0.00	31.41 1.66 0.00	27.25 1.27 0.00	25.48 1.10 0.00	23.97 0.94 0.00	23.88 0.85 0.00	23.83 0.81 0.00	25.59 0.96 0.00	30.71 1.10 0.00	40.13 1.17 0.00	52.67 0.94 -4.80	48.10 0.96 -1.34	36.49 1.67 0.00	32.79 1.08 0.00	30.14 0.85 0.00	26.71 0.88 0.00
GREENLWN_69_KV_BK 3 55738	22.48 1.63 2.04	21.16 1.55 2.19	18.29 1.27 2.50	17.84 1.23 2.55	20.09 1.38 2.16	24.41 1.68 1.25	19.21 2.63 19.41	7.12 3.75 39.78	8.74 2.99 29.43	13.61 2.77 18.91	20.14 2.68 8.52	24.51 2.61 2.49	23.91 2.51 1.62	23.92 2.51 1.61	22.30 2.53 3.25	24.29 2.73 3.08	30.10 3.26 2.77	33.36 3.82 9.41	-17.44 4.51 68.88	37.29 4.21 12.71	26.90 3.10 11.02	30.74 3.08 4.05	29.54 2.96 2.71	27.22 2.30 0.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
GRISSOM___SOLAR 323813	24.33 1.44 0.00	23.19 1.40 0.00	20.87 1.35 0.00	20.37 1.21 0.00	22.27 1.40 0.00	25.79 1.82 0.00	39.31 3.71 0.40	47.59 5.00 0.55	38.79 3.94 0.33	32.54 3.04 0.24	28.19 2.49 0.29	26.24 2.07 0.22	24.81 1.93 0.15	24.97 2.10 0.15	24.92 2.05 0.15	26.71 2.26 0.19	32.21 2.96 0.37	43.62 4.79 0.13	69.65 5.91 -16.81	55.61 5.72 -4.10	38.96 4.25 0.10	34.93 3.43 0.21	31.85 2.81 0.25	27.66 1.99 0.16
GROVEVILLE___HYD 323602	24.08 1.19 0.00	22.95 1.16 0.00	20.52 1.00 0.00	20.10 0.94 0.00	21.88 1.00 0.00	25.10 1.13 0.00	38.58 2.20 -0.38	46.86 3.19 -0.53	37.93 2.43 -0.32	32.06 2.08 -0.23	28.15 1.90 -0.27	26.40 1.80 -0.21	24.92 1.75 -0.15	24.92 1.75 -0.14	24.96 1.80 -0.14	26.66 1.85 -0.18	32.19 2.22 -0.35	42.13 3.04 -0.13	66.95 3.66 -16.35	54.54 3.57 -5.17	37.36 2.44 -0.10	34.23 2.32 -0.21	31.61 2.08 -0.24	27.53 1.55 -0.15
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.35 0.46 0.00	22.21 0.41 0.00	19.86 0.33 0.00	19.51 0.34 0.00	21.27 0.40 0.00	24.48 0.50 0.00	36.72 0.72 0.00	43.75 0.60 0.00	35.85 0.67 0.00	30.34 0.59 0.00	26.42 0.44 0.00	24.78 0.39 0.00	23.37 0.35 0.00	23.32 0.30 0.00	23.30 0.28 0.00	24.95 0.32 0.00	29.94 0.33 0.00	39.39 0.43 0.00	50.74 0.42 -3.39	47.20 0.46 -0.95	35.41 0.59 0.00	32.03 0.32 0.00	29.52 0.23 0.00	26.11 0.28 0.00
HAMLTNNY_34_KV_TB 80303	23.51 0.62 0.00	22.36 0.57 0.00	19.99 0.47 0.00	19.64 0.48 0.00	21.40 0.52 0.00	24.69 0.72 0.00	37.08 1.08 0.00	44.09 0.95 0.00	36.20 1.02 0.00	30.61 0.86 0.00	26.65 0.68 0.00	24.97 0.59 0.00	23.53 0.51 0.00	23.49 0.46 0.00	23.46 0.44 0.00	25.15 0.52 0.00	30.17 0.56 0.00	39.70 0.74 0.00	51.23 0.75 -3.55	47.57 0.78 -0.99	35.72 0.91 0.00	32.25 0.54 0.00	29.73 0.44 0.00	26.29 0.46 0.00
HAMPSHIRE___PAPER_HYD 323593	22.75 -0.14 0.00	21.67 -0.13 0.00	19.37 -0.16 0.00	19.09 -0.08 0.00	20.77 -0.10 0.00	23.78 -0.19 0.00	35.57 -0.43 0.00	42.45 -0.69 0.00	34.55 -0.63 0.00	28.97 -0.77 0.00	25.17 -0.81 0.00	23.53 -0.85 0.00	22.17 -0.85 0.00	22.15 -0.87 0.00	22.15 -0.87 0.00	23.80 -0.84 0.00	28.84 -0.77 0.00	38.26 -0.70 0.00	47.29 -0.52 -0.87	45.49 -0.55 -0.24	34.40 -0.42 0.00	31.43 -0.29 0.00	29.20 -0.09 0.00	25.83 0.00 0.00
HARDSCRABBLE_WT_PWR 323673	23.05 0.16 0.00	22.02 0.22 0.00	19.76 0.24 0.00	19.45 0.29 0.00	21.23 0.35 0.00	24.45 0.48 0.00	36.79 0.79 0.00	44.18 1.03 0.00	36.06 0.88 0.00	30.52 0.77 0.00	26.60 0.62 0.00	24.92 0.54 0.00	23.55 0.53 0.00	23.56 0.53 0.00	23.57 0.55 0.00	25.25 0.62 0.00	30.35 0.74 0.00	39.97 1.01 0.00	48.56 1.27 -0.37	47.14 1.24 -0.10	35.86 1.04 0.00	32.73 1.01 0.00	30.23 0.94 0.00	26.66 0.83 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.03 1.14 0.00	22.91 1.11 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.08 1.10 0.00	38.54 2.12 -0.42	46.78 3.06 -0.58	37.86 2.32 -0.35	31.99 1.99 -0.25	28.12 1.84 -0.30	26.37 1.76 -0.23	24.89 1.70 -0.16	24.89 1.70 -0.16	24.93 1.75 -0.16	26.63 1.80 -0.20	32.16 2.16 -0.39	42.06 2.96 -0.14	65.82 3.52 -15.37	54.18 3.43 -4.95	37.33 2.40 -0.11	34.16 2.22 -0.22	31.57 2.02 -0.26	27.47 1.47 -0.17

HARSNRAD_115KV_TB1 81005	23.81 0.92 0.00	22.56 0.76 0.00	20.23 0.70 0.00	19.95 0.79 0.00	21.58 0.71 0.00	25.27 1.29 0.00	37.40 1.40 0.00	43.01 -0.13 0.00	36.31 1.13 0.00	30.70 0.95 0.00	26.68 0.70 0.00	24.92 0.54 0.00	23.46 0.44 0.00	23.30 0.28 0.00	23.20 0.18 0.00	25.05 0.42 0.00	29.88 0.27 0.00	39.04 0.08 0.00	50.11 -0.89 -4.07	46.30 -0.64 -1.14	35.55 0.73 0.00	31.43 -0.29 0.00	29.00 -0.29 0.00	25.98 0.15 0.00
HARZA MOOSE__RIVER 24016	23.35 0.46 0.00	22.19 0.39 0.00	19.86 0.33 0.00	19.55 0.38 0.00	21.31 0.44 0.00	24.52 0.55 0.00	36.90 0.90 0.00	44.31 1.16 0.00	36.17 0.99 0.00	30.37 0.62 0.00	26.37 0.39 0.00	24.65 0.27 0.00	23.23 0.21 0.00	23.21 0.18 0.00	23.16 0.14 0.00	24.90 0.27 0.00	30.15 0.53 0.00	39.90 0.94 0.00	49.37 1.41 -1.03	47.37 1.28 -0.29	35.90 1.08 0.00	32.60 0.89 0.00	30.08 0.79 0.00	26.45 0.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.14 0.25 0.00	21.99 0.20 0.00	19.68 0.16 0.00	19.34 0.17 0.00	21.06 0.19 0.00	24.21 0.24 0.00	36.25 0.25 0.00	43.23 0.09 0.00	35.39 0.21 0.00	29.95 0.21 0.00	26.13 0.16 0.00	24.53 0.15 0.00	23.14 0.12 0.00	23.12 0.09 0.00	23.09 0.07 0.00	24.73 0.10 0.00	29.61 0.00 0.00	38.92 -0.04 0.00	49.98 -0.14 -3.19	46.55 -0.14 -0.89	34.96 0.14 0.00	31.62 -0.10 0.00	29.17 -0.12 0.00	25.80 -0.03 0.00
HELLGATE_13_KV_LD 55870	24.03 1.14 0.00	22.95 1.16 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.05 1.08 0.00	38.69 2.16 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.38 2.14 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.25 2.30 -0.14	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.03 1.14 0.00	22.95 1.16 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.05 1.08 0.00	38.69 2.16 -0.53	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.38 2.14 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.25 2.30 -0.14	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
HEMPSTEAD____ 23647	24.19 1.30 0.00	23.02 1.22 0.00	20.52 1.00 0.00	20.12 0.96 0.00	21.96 1.08 0.00	25.50 1.41 -0.11	38.62 2.09 -0.53	47.15 3.28 -0.73	38.78 2.53 -1.06	32.48 2.32 -0.42	29.57 2.31 -1.28	27.25 2.29 -0.57	25.64 2.23 -0.39	25.71 2.30 -0.38	25.78 2.21 -0.55	27.61 2.39 -0.59	33.31 2.87 -0.82	42.41 3.27 -0.18	67.84 3.80 -17.11	55.16 3.76 -5.61	37.73 2.64 -0.27	34.85 2.69 -0.44	32.54 2.61 -0.64	28.15 1.99 -0.33
HEWLETT__69_KV_BK3 55828	24.33 1.44 0.00	23.17 1.37 0.00	20.66 1.13 0.00	20.24 1.07 0.00	22.08 1.21 0.00	25.49 1.49 -0.03	38.94 2.41 -0.53	47.41 3.54 -0.73	38.54 2.74 -0.61	32.59 2.50 -0.35	29.07 2.47 -0.62	27.17 2.41 -0.37	25.60 2.33 -0.25	25.60 2.33 -0.25	25.66 2.35 -0.29	27.49 2.51 -0.34	33.24 3.05 -0.58	42.76 3.62 -0.18	68.27 4.22 -17.11	55.52 4.12 -5.61	37.92 2.92 -0.17	34.93 2.89 -0.33	32.43 2.72 -0.41	28.16 2.09 -0.24
HICKLING__1 23621	24.15 1.26 0.00	22.95 1.16 0.00	20.56 1.03 0.00	20.22 1.05 0.00	22.00 1.13 0.00	25.58 1.61 0.00	38.38 2.38 0.00	45.17 2.03 0.00	37.26 2.08 0.00	31.59 1.84 0.00	27.43 1.45 0.00	25.63 1.24 0.00	24.13 1.11 0.00	24.04 1.01 0.00	23.99 0.97 0.00	25.77 1.13 0.00	30.86 1.24 0.00	40.56 1.60 0.00	53.68 1.13 -5.62	48.56 1.19 -1.57	36.80 1.98 0.00	32.86 1.14 0.00	30.26 0.97 0.00	26.89 1.06 0.00
HICKLING__2 23622	24.15 1.26 0.00	22.95 1.16 0.00	20.56 1.03 0.00	20.22 1.05 0.00	22.00 1.13 0.00	25.58 1.61 0.00	38.38 2.38 0.00	45.17 2.03 0.00	37.26 2.08 0.00	31.59 1.84 0.00	27.43 1.45 0.00	25.63 1.24 0.00	24.13 1.11 0.00	24.04 1.01 0.00	23.99 0.97 0.00	25.77 1.13 0.00	30.86 1.24 0.00	40.56 1.60 0.00	53.68 1.13 -5.62	48.56 1.19 -1.57	36.80 1.98 0.00	32.86 1.14 0.00	30.26 0.97 0.00	26.89 1.06 0.00
HIGH FALLS__HY 23754	24.13 1.24 0.00	23.00 1.20 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.94 1.06 0.00	25.17 1.20 0.00	38.48 2.27 -0.21	46.67 3.24 -0.29	37.86 2.50 -0.18	31.96 2.08 -0.13	28.03 1.90 -0.15	26.31 1.80 -0.12	24.86 1.75 -0.08	24.88 1.77 -0.08	24.92 1.82 -0.08	26.61 1.87 -0.10	32.09 2.28 -0.20	42.15 3.12 -0.07	66.05 3.75 -15.36	54.09 3.66 -4.63	37.42 2.54 -0.05	34.21 2.38 -0.11	31.59 2.17 -0.13	27.54 1.63 -0.09
HILLBURN__GT 23639	23.94 1.05 0.00	22.80 1.00 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.05 1.08 0.00	38.44 2.01 -0.43	46.75 3.02 -0.59	37.82 2.29 -0.36	32.03 2.02 -0.26	28.15 1.87 -0.31	26.42 1.80 -0.23	24.94 1.75 -0.16	24.96 1.77 -0.16	24.95 1.77 -0.16	26.68 1.85 -0.20	32.20 2.19 -0.39	41.99 2.88 -0.14	65.75 3.38 -15.43	54.07 3.30 -4.98	37.23 2.30 -0.11	34.10 2.16 -0.23	31.52 1.96 -0.26	27.45 1.45 -0.17
HILLSIDE_115KV_TB1 80332	23.85 0.96 0.00	22.67 0.87 0.00	20.31 0.78 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.22 1.25 0.00	37.76 1.76 0.00	44.48 1.34 0.00	36.62 1.44 0.00	31.05 1.31 0.00	27.02 1.04 0.00	25.26 0.88 0.00	23.81 0.78 0.00	23.72 0.69 0.00	23.66 0.64 0.00	25.42 0.79 0.00	30.44 0.83 0.00	39.97 1.01 0.00	53.06 0.38 -5.75	47.91 0.50 -1.61	36.21 1.39 0.00	32.38 0.67 0.00	29.85 0.56 0.00	26.50 0.67 0.00
HISHELDN_WT_PWR 323625	23.92 1.03 0.00	22.76 0.96 0.00	20.42 0.90 0.00	20.07 0.90 0.00	21.75 0.88 0.00	25.36 1.39 0.00	37.76 1.76 0.00	43.57 0.43 0.00	36.55 1.37 0.00	30.99 1.25 0.00	26.99 1.01 0.00	25.19 0.80 0.00	23.74 0.71 0.00	23.58 0.55 0.00	23.48 0.46 0.00	25.32 0.69 0.00	30.20 0.59 0.00	39.62 0.66 0.00	50.93 -0.56 -4.56	46.70 -0.37 -1.28	36.00 1.18 0.00	31.94 0.22 0.00	29.38 0.09 0.00	26.27 0.44 0.00
HOLTSVILLE_IC_1 23690	40.22 1.51 -15.82	40.20 1.42 -16.99	40.14 1.17 -19.44	40.15 1.13 -19.86	38.91 1.27 -16.77	40.26 1.65 -14.63	193.79 2.20 -155.59	365.97 3.41 -319.42	300.98 2.67 -263.12	188.11 2.53 -155.84	139.33 2.52 -110.83	61.61 2.49 -34.73	48.21 2.39 -22.79	48.24 2.58 -22.64	68.41 2.39 -42.99	68.74 2.61 -41.50	73.66 3.17 -40.88	118.00 3.39 -75.65	744.51 3.99 -693.59	199.39 3.85 -149.74	131.39 2.75 -93.82	76.18 2.95 -41.52	70.20 2.93 -37.98	42.14 2.27 -14.04
HOLTSVILLE_IC_10 23699	39.66 1.58 -15.19	39.59 1.48 -16.31	39.42 1.23 -18.67	39.42 1.19 -19.06	38.31 1.34 -16.10	39.80 1.73 -14.10	187.75 2.34 -149.41	353.45 3.58 -306.73	290.91 2.82 -252.91	182.04 2.62 -149.68	135.40 2.62 -106.80	60.42 2.56 -33.47	47.48 2.49 -21.97	47.49 2.65 -21.82	66.91 2.46 -41.43	67.33 2.71 -39.99	72.30 3.29 -39.40	115.19 3.58 -72.64	717.81 4.23 -666.65	193.87 4.07 -144.00	127.89 2.93 -90.14	74.73 3.08 -39.94	68.94 3.05 -36.61	41.71 2.35 -13.53

HOLTSVILLE_IC_2 23691	40.22 1.51 -15.82	40.20 1.42 -16.99	40.14 1.17 -19.44	40.15 1.13 -19.86	38.91 1.27 -16.77	40.26 1.65 -14.63	193.79 2.20 -155.59	365.97 3.41 -319.42	300.98 2.67 -263.12	188.11 2.53 -155.84	139.33 2.52 -110.83	61.61 2.49 -34.73	48.21 2.39 -22.79	48.24 2.58 -22.64	68.41 2.39 -42.99	68.74 2.61 -41.50	73.66 3.17 -40.88	118.00 3.39 -75.65	744.51 3.99 -693.59	199.39 3.85 -149.74	131.39 2.75 -93.82	76.18 2.95 -41.52	70.20 2.93 -37.98	42.14 2.27 -14.04
HOLTSVILLE_IC_3 23692	40.22 1.51 -15.82	40.20 1.42 -16.99	40.14 1.17 -19.44	40.15 1.13 -19.86	38.91 1.27 -16.77	40.26 1.65 -14.63	193.79 2.20 -155.59	365.97 3.41 -319.42	300.98 2.67 -263.12	188.11 2.53 -155.84	139.33 2.52 -110.83	61.61 2.49 -34.73	48.21 2.39 -22.79	48.24 2.58 -22.64	68.41 2.39 -42.99	68.74 2.61 -41.50	73.66 3.17 -40.88	118.00 3.39 -75.65	744.51 3.99 -693.59	199.39 3.85 -149.74	131.39 2.75 -93.82	76.18 2.95 -41.52	70.20 2.93 -37.98	42.14 2.27 -14.04
HOLTSVILLE_IC_4 23693	40.22 1.51 -15.82	40.20 1.42 -16.99	40.14 1.17 -19.44	40.15 1.13 -19.86	38.91 1.27 -16.77	40.26 1.65 -14.63	193.79 2.20 -155.59	365.97 3.41 -319.42	300.98 2.67 -263.12	188.11 2.53 -155.84	139.33 2.52 -110.83	61.61 2.49 -34.73	48.21 2.39 -22.79	48.24 2.58 -22.64	68.41 2.39 -42.99	68.74 2.61 -41.50	73.66 3.17 -40.88	118.00 3.39 -75.65	744.51 3.99 -693.59	199.39 3.85 -149.74	131.39 2.75 -93.82	76.18 2.95 -41.52	70.20 2.93 -37.98	42.14 2.27 -14.04
HOLTSVILLE_IC_5 23694	40.22 1.51 -15.82	40.20 1.42 -16.99	40.14 1.17 -19.44	40.15 1.13 -19.86	38.91 1.27 -16.77	40.26 1.65 -14.63	193.79 2.20 -155.59	365.97 3.41 -319.42	300.98 2.67 -263.12	188.11 2.53 -155.84	139.33 2.52 -110.83	61.61 2.49 -34.73	48.21 2.39 -22.79	48.24 2.58 -22.64	68.41 2.39 -42.99	68.74 2.61 -41.50	73.66 3.17 -40.88	118.00 3.39 -75.65	744.51 3.99 -693.59	199.39 3.85 -149.74	131.39 2.75 -93.82	76.18 2.95 -41.52	70.20 2.93 -37.98	42.14 2.27 -14.04
HOLTSVILLE_IC_6 23695	39.66 1.58 -15.19	39.59 1.48 -16.31	39.42 1.23 -18.67	39.42 1.19 -19.06	38.31 1.34 -16.10	39.80 1.73 -14.10	187.75 2.34 -149.41	353.45 3.58 -306.73	290.91 2.82 -252.91	182.04 2.62 -149.68	135.40 2.62 -106.80	60.42 2.56 -33.47	47.48 2.49 -21.97	47.49 2.65 -21.82	66.91 2.46 -41.43	67.33 2.71 -39.99	72.30 3.29 -39.40	115.19 3.58 -72.64	717.81 4.23 -666.65	193.87 4.07 -144.00	127.89 2.93 -90.14	74.73 3.08 -39.94	68.94 3.05 -36.61	41.71 2.35 -13.53
HOLTSVILLE_IC_7 23696	39.66 1.58 -15.19	39.59 1.48 -16.31	39.42 1.23 -18.67	39.42 1.19 -19.06	38.31 1.34 -16.10	39.80 1.73 -14.10	187.75 2.34 -149.41	353.45 3.58 -306.73	290.91 2.82 -252.91	182.04 2.62 -149.68	135.40 2.62 -106.80	60.42 2.56 -33.47	47.48 2.49 -21.97	47.49 2.65 -21.82	66.91 2.46 -41.43	67.33 2.71 -39.99	72.30 3.29 -39.40	115.19 3.58 -72.64	717.81 4.23 -666.65	193.87 4.07 -144.00	127.89 2.93 -90.14	74.73 3.08 -39.94	68.94 3.05 -36.61	41.71 2.35 -13.53
HOLTSVILLE_IC_8 23697	39.66 1.58 -15.19	39.59 1.48 -16.31	39.42 1.23 -18.67	39.42 1.19 -19.06	38.31 1.34 -16.10	39.80 1.73 -14.10	187.75 2.34 -149.41	353.45 3.58 -306.73	290.91 2.82 -252.91	182.04 2.62 -149.68	135.40 2.62 -106.80	60.42 2.56 -33.47	47.48 2.49 -21.97	47.49 2.65 -21.82	66.91 2.46 -41.43	67.33 2.71 -39.99	72.30 3.29 -39.40	115.19 3.58 -72.64	717.81 4.23 -666.65	193.87 4.07 -144.00	127.89 2.93 -90.14	74.73 3.08 -39.94	68.94 3.05 -36.61	41.71 2.35 -13.53
HOLTSVILLE_IC_9 23698	39.66 1.58 -15.19	39.59 1.48 -16.31	39.42 1.23 -18.67	39.42 1.19 -19.06	38.31 1.34 -16.10	39.80 1.73 -14.10	187.75 2.34 -149.41	353.45 3.58 -306.73	290.91 2.82 -252.91	182.04 2.62 -149.68	135.40 2.62 -106.80	60.42 2.56 -33.47	47.48 2.49 -21.97	47.49 2.65 -21.82	66.91 2.46 -41.43	67.33 2.71 -39.99	72.30 3.29 -39.40	115.19 3.58 -72.64	717.81 4.23 -666.65	193.87 4.07 -144.00	127.89 2.93 -90.14	74.73 3.08 -39.94	68.94 3.05 -36.61	41.71 2.35 -13.53
HOMER_HL_115KV_TB2 355744	24.29 1.40 0.00	23.02 1.22 0.00	20.68 1.15 0.00	20.35 1.19 0.00	22.04 1.17 0.00	25.84 1.87 0.00	38.41 2.41 0.00	44.44 1.29 0.00	37.36 2.18 0.00	31.68 1.93 0.00	27.54 1.56 0.00	25.70 1.32 0.00	24.20 1.17 0.00	24.04 1.01 0.00	23.92 0.90 0.00	25.79 1.16 0.00	30.77 1.15 0.00	40.40 1.44 0.00	50.66 -0.89 -4.62	46.49 -0.60 -1.29	36.84 2.02 0.00	32.44 0.73 0.00	29.90 0.62 0.00	26.81 0.98 0.00
HOWARD_WT_PWR 323690	24.17 1.28 0.00	23.06 1.26 0.00	20.66 1.13 0.00	20.33 1.17 0.00	22.15 1.27 0.00	25.84 1.87 0.00	38.73 2.73 0.00	45.21 2.07 0.00	37.72 2.53 0.00	32.00 2.26 0.00	27.77 1.79 0.00	25.92 1.54 0.00	24.38 1.36 0.00	24.27 1.24 0.00	24.19 1.17 0.00	26.06 1.43 0.00	31.12 1.51 0.00	40.99 2.02 0.00	53.22 1.31 -4.98	48.61 1.42 -1.39	37.26 2.44 0.00	33.11 1.39 0.00	30.49 1.20 0.00	27.09 1.27 0.00
HQ_GEN_CEDARS 23644	22.59 -0.30 0.00	21.56 -0.24 0.00	19.31 -0.21 0.00	18.97 -0.19 0.00	20.69 -0.19 0.00	23.64 -0.34 0.00	35.32 -0.68 0.00	42.15 -0.99 0.00	34.34 -0.84 0.00	28.88 -0.86 0.00	25.25 -0.73 0.00	23.68 -0.71 0.00	22.33 -0.69 0.00	22.36 -0.67 0.00	22.35 -0.67 0.00	23.92 -0.71 0.00	28.90 -0.71 0.00	38.14 -0.82 0.00	46.09 -0.84 0.00	44.88 -0.92 0.00	34.12 -0.70 0.00	31.24 -0.48 0.00	28.97 -0.32 0.00	25.70 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	22.59 -0.30 0.00	21.56 -0.24 0.00	19.29 -0.23 0.00	18.97 -0.19 0.00	20.69 -0.19 0.00	23.64 -0.34 0.00	35.31 -0.69 0.00	42.15 -0.99 0.00	34.34 -0.84 0.00	28.88 -0.86 0.00	25.25 -0.73 0.00	23.68 -0.71 0.00	22.33 -0.69 0.00	22.36 -0.67 0.00	22.35 -0.67 0.00	23.92 -0.72 0.00	28.90 -0.71 0.00	38.14 -0.82 0.00	46.09 -0.84 0.00	44.88 -0.92 0.00	34.18 -0.70 -0.05	31.15 -0.51 0.05	28.97 -0.32 0.00	25.70 -0.13 0.00
HQ_GEN_IMPORT 323601	22.55 -0.34 0.00	21.49 -0.31 0.00	19.25 -0.27 0.00	18.92 -0.25 0.00	20.60 -0.27 0.00	23.64 -0.34 0.00	35.42 -0.58 0.00	42.41 -0.73 0.00	34.58 -0.60 0.00	29.21 -0.53 0.00	25.51 -0.47 0.00	23.95 -0.44 0.00	22.61 -0.41 0.00	22.61 -0.41 0.00	22.61 -0.41 0.00	24.19 -0.44 0.00	29.14 -0.47 0.00	38.38 -0.58 0.00	46.27 -0.66 0.00	45.11 -0.69 0.00	34.31 -0.56 -0.05	31.22 -0.44 0.05	28.94 -0.35 0.00	25.57 -0.26 0.00
HQ_GEN_WHEEL 23651	22.55 -0.34 0.00	21.49 -0.31 0.00	19.25 -0.27 0.00	18.92 -0.25 0.00	20.60 -0.27 0.00	23.64 -0.34 0.00	35.42 -0.58 0.00	42.41 -0.73 0.00	34.58 -0.60 0.00	29.21 -0.53 0.00	25.51 -0.47 0.00	23.95 -0.44 0.00	22.61 -0.41 0.00	22.61 -0.41 0.00	22.61 -0.41 0.00	24.19 -0.44 0.00	29.14 -0.47 0.00	38.38 -0.58 0.00	46.27 -0.66 0.00	45.11 -0.69 0.00	34.31 -0.56 -0.05	31.22 -0.44 0.05	28.94 -0.35 0.00	25.57 -0.26 0.00
HUDSON_AVE_GT_3 23810	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.20 1.22 0.00	38.98 2.45 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.44 2.21 -0.20	25.49 2.26 -0.21	27.22 2.34 -0.25	32.80 2.69 -0.49	42.57 3.43 -0.18	67.99 3.94 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.53 2.54 -0.28	31.99 2.37 -0.33	27.82 1.78 -0.21

HUDSON AVE_GT_4 23540	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.20 1.22 0.00	38.98 2.45 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.44 2.21 -0.20	25.49 2.26 -0.21	27.22 2.34 -0.25	32.80 2.69 -0.49	42.57 3.43 -0.18	67.99 3.94 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.53 2.54 -0.28	31.99 2.37 -0.33	27.82 1.78 -0.21
HUDSON AVE_GT_5 23657	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.20 1.22 0.00	38.98 2.45 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.44 2.21 -0.20	25.49 2.26 -0.21	27.22 2.34 -0.25	32.80 2.69 -0.49	42.57 3.43 -0.18	67.99 3.94 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.53 2.54 -0.28	31.99 2.37 -0.33	27.82 1.78 -0.21
HUDSON_AVE_10 24168	24.08 1.19 0.00	22.97 1.18 0.00	20.50 0.98 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.20 1.22 0.00	38.98 2.45 -0.53	47.50 3.62 -0.73	38.30 2.67 -0.45	32.54 2.47 -0.32	28.70 2.34 -0.38	26.97 2.29 -0.29	25.44 2.21 -0.20	25.44 2.21 -0.20	25.49 2.26 -0.21	27.22 2.34 -0.25	32.82 2.72 -0.49	42.57 3.43 -0.18	68.04 3.99 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.53 2.54 -0.28	31.99 2.37 -0.33	27.85 1.81 -0.21
HUDSON___115KV_TB 4 355613	23.90 1.01 0.00	22.76 0.96 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.84 0.86 0.00	37.51 1.87 0.36	45.10 2.46 0.50	36.74 1.86 0.30	30.98 1.46 0.22	26.97 1.25 0.26	25.31 1.12 0.20	23.92 1.04 0.14	23.97 1.08 0.14	23.97 1.08 0.14	25.62 1.16 0.17	30.76 1.48 0.33	41.14 2.30 0.12	65.76 2.86 -15.97	52.46 2.75 -3.92	36.64 1.92 0.09	33.30 1.78 0.19	30.56 1.49 0.22	26.74 1.06 0.14
HUNTER MOUNT___DRP 323613	24.01 1.12 0.00	22.84 1.05 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.81 0.94 0.00	24.91 0.93 0.00	37.85 2.09 0.24	45.49 2.67 0.33	36.99 2.01 0.20	31.09 1.49 0.14	27.05 1.25 0.17	25.35 1.10 0.13	23.95 1.01 0.09	24.00 1.06 0.09	24.01 1.08 0.09	25.65 1.13 0.11	30.87 1.48 0.22	41.34 2.45 0.08	66.08 3.14 -16.00	52.89 2.98 -4.12	36.81 2.05 0.06	33.49 1.90 0.13	30.72 1.58 0.15	26.84 1.11 0.10
HUNTINGTON_RES_REC 323705	17.75 1.58 6.72	16.07 1.48 7.21	12.50 1.23 8.25	11.91 1.17 8.43	15.07 1.32 7.12	19.98 1.68 5.67	-26.93 2.34 65.27	-87.05 3.58 133.77	-69.31 2.89 107.38	-32.45 2.65 64.85	-13.22 2.60 41.79	14.06 2.54 12.86	17.06 2.46 8.43	17.25 2.60 8.37	9.32 2.44 16.14	11.80 2.66 15.49	17.92 3.23 14.93	10.91 3.62 31.67	131.73 4.23 -80.57	-5.36 4.07 55.23	-0.97 2.96 38.75	18.42 3.04 16.34	18.21 2.96 14.04	23.07 2.30 5.06
HUNTLEY___63 23557	23.94 1.05 0.00	22.69 0.89 0.00	20.34 0.82 0.00	20.05 0.88 0.00	21.69 0.81 0.00	25.41 1.44 0.00	37.48 1.48 0.00	43.14 0.00 0.00	36.41 1.23 0.00	30.82 1.07 0.00	26.81 0.83 0.00	25.04 0.66 0.00	23.58 0.55 0.00	23.44 0.41 0.00	23.30 0.28 0.00	25.17 0.54 0.00	30.03 0.41 0.00	39.23 0.27 0.00	50.29 -0.84 -4.21	46.38 -0.60 -1.18	35.69 0.87 0.00	31.52 -0.19 0.00	29.08 -0.21 0.00	26.06 0.23 0.00
HUNTLEY___64 23558	23.94 1.05 0.00	22.69 0.89 0.00	20.34 0.82 0.00	20.05 0.88 0.00	21.69 0.81 0.00	25.41 1.44 0.00	37.48 1.48 0.00	43.14 0.00 0.00	36.41 1.23 0.00	30.82 1.07 0.00	26.81 0.83 0.00	25.04 0.66 0.00	23.58 0.55 0.00	23.44 0.41 0.00	23.30 0.28 0.00	25.17 0.54 0.00	30.03 0.41 0.00	39.23 0.27 0.00	50.29 -0.84 -4.21	46.38 -0.60 -1.18	35.69 0.87 0.00	31.52 -0.19 0.00	29.08 -0.21 0.00	26.06 0.23 0.00
HUNTLEY___65 23559	23.94 1.05 0.00	22.69 0.89 0.00	20.34 0.82 0.00	20.05 0.88 0.00	21.69 0.81 0.00	25.41 1.44 0.00	37.48 1.48 0.00	43.14 0.00 0.00	36.41 1.23 0.00	30.82 1.07 0.00	26.81 0.83 0.00	25.04 0.66 0.00	23.58 0.55 0.00	23.44 0.41 0.00	23.30 0.28 0.00	25.17 0.54 0.00	30.03 0.41 0.00	39.23 0.27 0.00	50.29 -0.84 -4.21	46.38 -0.60 -1.18	35.69 0.87 0.00	31.52 -0.19 0.00	29.08 -0.21 0.00	26.06 0.23 0.00
HUNTLEY___66 23560	23.94 1.05 0.00	22.69 0.89 0.00	20.34 0.82 0.00	20.05 0.88 0.00	21.69 0.81 0.00	25.41 1.44 0.00	37.48 1.48 0.00	43.14 0.00 0.00	36.41 1.23 0.00	30.82 1.07 0.00	26.81 0.83 0.00	25.04 0.66 0.00	23.58 0.55 0.00	23.44 0.41 0.00	23.30 0.28 0.00	25.17 0.54 0.00	30.03 0.41 0.00	39.23 0.27 0.00	50.29 -0.84 -4.21	46.38 -0.60 -1.18	35.69 0.87 0.00	31.52 -0.19 0.00	29.08 -0.21 0.00	26.06 0.23 0.00
HUNTLEY___67 23561	23.78 0.89 0.00	22.56 0.76 0.00	20.23 0.70 0.00	19.93 0.77 0.00	21.58 0.71 0.00	25.24 1.27 0.00	37.26 1.26 0.00	42.80 -0.35 0.00	36.10 0.91 0.00	30.58 0.83 0.00	26.63 0.65 0.00	24.85 0.46 0.00	23.42 0.39 0.00	23.28 0.25 0.00	23.16 0.14 0.00	25.00 0.37 0.00	29.79 0.18 0.00	38.88 -0.08 0.00	49.90 -1.31 -4.28	45.99 -1.01 -1.20	35.41 0.59 0.00	31.30 -0.41 0.00	28.88 -0.41 0.00	25.91 0.08 0.00
HUNTLEY___68 23562	23.78 0.89 0.00	22.56 0.76 0.00	20.23 0.70 0.00	19.93 0.77 0.00	21.58 0.71 0.00	25.24 1.27 0.00	37.26 1.26 0.00	42.80 -0.35 0.00	36.10 0.91 0.00	30.58 0.83 0.00	26.63 0.65 0.00	24.85 0.46 0.00	23.42 0.39 0.00	23.28 0.25 0.00	23.16 0.14 0.00	25.00 0.37 0.00	29.79 0.18 0.00	38.88 -0.08 0.00	49.90 -1.31 -4.28	45.99 -1.01 -1.20	35.41 0.59 0.00	31.30 -0.41 0.00	28.88 -0.41 0.00	25.91 0.08 0.00
HYLAND___LFGE 323620	24.74 1.85 0.00	23.48 1.68 0.00	20.99 1.47 0.00	20.58 1.42 0.00	22.44 1.57 0.00	26.15 2.18 0.00	39.60 3.60 0.00	46.42 3.28 0.00	38.59 3.41 0.00	32.21 2.47 0.00	27.72 1.74 0.00	25.75 1.36 0.00	23.88 0.85 0.00	24.01 0.99 0.00	24.03 1.01 0.00	25.99 1.35 0.00	30.35 0.74 0.00	40.21 1.25 0.00	52.72 1.36 -4.43	48.68 1.65 -1.24	36.94 2.12 0.00	32.85 1.14 0.00	31.08 1.79 0.00	27.51 1.68 0.00
INDECK___CORINTH 23802	23.78 0.89 0.00	22.63 0.83 0.00	20.50 0.98 0.00	20.05 0.88 0.00	22.04 1.17 0.00	25.44 1.46 0.00	38.37 2.84 0.47	46.29 3.80 0.65	37.81 3.03 0.39	31.87 2.41 0.28	27.72 2.08 0.34	26.01 1.88 0.26	24.50 1.66 0.18	24.58 1.73 0.18	24.55 1.70 0.18	26.23 1.82 0.22	31.22 2.04 0.43	41.73 2.92 0.16	66.96 3.61 -16.42	53.25 3.57 -3.88	37.31 2.61 0.12	33.65 2.19 0.25	30.81 1.82 0.29	26.93 1.29 0.19
INDECK___ILION 23567	23.17 0.27 0.00	22.06 0.26 0.00	19.78 0.25 0.00	19.43 0.27 0.00	21.19 0.31 0.00	24.36 0.38 0.00	36.65 0.65 0.00	43.96 0.82 0.00	35.89 0.70 0.00	30.31 0.57 0.00	26.45 0.47 0.00	24.80 0.41 0.00	23.42 0.39 0.00	23.42 0.39 0.00	23.41 0.39 0.00	25.08 0.44 0.00	30.17 0.56 0.00	39.74 0.78 0.00	48.24 0.94 -0.37	46.81 0.92 -0.10	35.55 0.73 0.00	32.41 0.70 0.00	29.90 0.62 0.00	26.35 0.52 0.00

INDECK___OLEAN 23982	24.29 1.40 0.00	23.11 1.31 0.00	20.72 1.19 0.00	20.35 1.19 0.00	22.04 1.17 0.00	25.77 1.80 0.00	38.52 2.52 0.00	44.43 1.29 0.00	37.36 2.18 0.00	31.68 1.93 0.00	27.54 1.56 0.00	25.70 1.32 0.00	24.20 1.17 0.00	24.04 1.01 0.00	23.92 0.90 0.00	25.79 1.16 0.00	30.77 1.15 0.00	40.52 1.56 0.00	50.66 -0.89 -4.62	46.45 -0.64 -1.29	36.91 2.09 0.00	32.54 0.82 0.00	29.91 0.62 0.00	26.81 0.98 0.00
INDECK___OSWEGO 23783	22.66 -0.23 0.00	21.56 -0.24 0.00	19.29 -0.23 0.00	18.94 -0.23 0.00	20.64 -0.23 0.00	23.71 -0.26 0.00	35.42 -0.58 0.00	42.28 -0.86 0.00	34.55 -0.63 0.00	29.21 -0.53 0.00	25.46 -0.52 0.00	23.87 -0.51 0.00	22.54 -0.48 0.00	22.52 -0.51 0.00	22.51 -0.51 0.00	24.09 -0.54 0.00	28.90 -0.71 0.00	38.07 -0.89 0.00	48.44 -1.08 -2.59	45.47 -1.05 -0.72	34.12 -0.70 0.00	30.99 -0.73 0.00	28.59 -0.70 0.00	25.31 -0.52 0.00
INDECK___YERKES 23781	23.97 1.08 0.00	22.78 0.98 0.00	20.44 0.92 0.00	20.07 0.90 0.00	21.71 0.84 0.00	25.34 1.37 0.00	37.69 1.69 0.00	43.23 0.09 0.00	36.45 1.26 0.00	30.85 1.10 0.00	26.86 0.88 0.00	25.07 0.68 0.00	23.62 0.60 0.00	23.44 0.41 0.00	23.32 0.30 0.00	25.20 0.57 0.00	30.03 0.41 0.00	39.35 0.39 0.00	50.29 -0.84 -4.21	46.38 -0.60 -1.18	35.79 0.97 0.00	31.65 -0.06 0.00	29.11 -0.17 0.00	26.11 0.28 0.00
INDIAN POINT_GT_1 24139	23.92 1.03 0.00	22.82 1.02 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.03 1.05 0.00	38.56 2.05 -0.51	46.91 3.06 -0.71	37.90 2.29 -0.43	32.14 2.08 -0.31	28.27 1.92 -0.37	26.54 1.88 -0.28	25.04 1.82 -0.20	25.04 1.82 -0.19	25.08 1.86 -0.19	26.80 1.92 -0.24	32.36 2.28 -0.47	42.06 2.92 -0.17	67.15 3.43 -16.79	54.67 3.39 -5.49	37.25 2.30 -0.13	34.18 2.19 -0.27	31.63 2.02 -0.32	27.53 1.50 -0.21
INDIAN POINT_GT_2 23659	23.92 1.03 0.00	22.82 1.02 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.03 1.05 0.00	38.56 2.05 -0.51	46.91 3.06 -0.71	37.90 2.29 -0.43	32.14 2.08 -0.31	28.27 1.92 -0.37	26.54 1.88 -0.28	25.04 1.82 -0.20	25.04 1.82 -0.19	25.08 1.86 -0.19	26.80 1.92 -0.24	32.36 2.28 -0.47	42.06 2.92 -0.17	67.15 3.43 -16.79	54.67 3.39 -5.49	37.25 2.30 -0.13	34.18 2.19 -0.27	31.63 2.02 -0.32	27.53 1.50 -0.21
INDIAN POINT_GT_3 24019	23.92 1.03 0.00	22.82 1.02 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.03 1.05 0.00	38.56 2.05 -0.51	46.91 3.06 -0.71	37.90 2.29 -0.43	32.14 2.08 -0.31	28.27 1.92 -0.37	26.54 1.88 -0.28	25.04 1.82 -0.20	25.04 1.82 -0.19	25.08 1.86 -0.19	26.80 1.92 -0.24	32.36 2.28 -0.47	42.06 2.92 -0.17	67.15 3.43 -16.79	54.67 3.39 -5.49	37.25 2.30 -0.13	34.18 2.19 -0.27	31.63 2.02 -0.32	27.53 1.50 -0.21
INDIAN POINT___2 23530	23.92 1.03 0.00	22.78 0.98 0.00	20.36 0.84 0.00	19.95 0.79 0.00	21.71 0.84 0.00	25.03 1.05 0.00	38.45 1.98 -0.47	46.77 2.97 -0.65	37.83 2.25 -0.40	32.05 2.02 -0.29	28.21 1.90 -0.34	26.47 1.83 -0.26	24.98 1.77 -0.18	25.00 1.80 -0.18	24.99 1.80 -0.18	26.73 1.87 -0.22	32.27 2.22 -0.43	41.96 2.84 -0.16	66.41 3.33 -16.15	54.34 3.30 -5.25	37.20 2.26 -0.12	34.12 2.16 -0.25	31.54 1.96 -0.29	27.49 1.47 -0.19
INDIAN POINT___3 23531	23.94 1.05 0.00	22.82 1.02 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.63 2.09 -0.54	47.00 3.11 -0.75	37.96 2.32 -0.46	32.19 2.11 -0.33	28.34 1.97 -0.39	26.61 1.93 -0.30	25.07 1.84 -0.21	25.09 1.87 -0.20	25.11 1.89 -0.20	26.86 1.97 -0.26	32.42 2.31 -0.50	42.11 2.96 -0.18	67.63 3.43 -17.27	54.86 3.39 -5.67	37.22 2.26 -0.14	34.22 2.22 -0.29	31.68 2.05 -0.34	27.57 1.52 -0.22
INGHAM_C_115KV_TB7 356103	23.30 0.41 0.00	22.21 0.41 0.00	19.93 0.41 0.00	19.63 0.46 0.00	21.40 0.52 0.00	24.64 0.67 0.00	37.08 1.08 0.00	44.48 1.34 0.00	36.31 1.13 0.00	30.70 0.95 0.00	26.78 0.81 0.00	25.09 0.71 0.00	23.69 0.67 0.00	23.69 0.67 0.00	23.71 0.69 0.00	25.40 0.76 0.00	30.53 0.92 0.00	40.21 1.25 0.00	48.85 1.55 -0.37	47.41 1.51 -0.10	36.07 1.25 0.00	32.92 1.21 0.00	30.40 1.11 0.00	26.78 0.96 0.00
IP CORINTH___1 23988	23.78 0.89 0.00	22.63 0.83 0.00	20.50 0.98 0.00	20.05 0.88 0.00	22.04 1.17 0.00	25.46 1.49 0.00	38.37 2.84 0.47	46.29 3.80 0.65	37.81 3.03 0.39	31.87 2.41 0.28	27.72 2.08 0.34	26.01 1.88 0.26	24.50 1.66 0.18	24.58 1.73 0.18	24.55 1.70 0.18	26.23 1.82 0.22	31.22 2.04 0.43	41.72 2.92 0.16	66.96 3.61 -16.42	53.25 3.57 -3.88	37.31 2.61 0.12	33.65 2.19 0.25	30.81 1.82 0.29	26.93 1.29 0.19
IP___TICONDEROGA 23804	24.63 1.74 0.00	23.43 1.63 0.00	21.24 1.72 0.00	20.72 1.55 0.00	22.77 1.90 0.00	26.42 2.45 0.00	40.06 4.54 0.48	48.39 5.91 0.66	39.57 4.78 0.40	33.23 3.78 0.29	28.91 3.27 0.34	27.00 2.88 0.26	25.05 2.21 0.18	25.15 2.30 0.18	25.10 2.26 0.18	26.85 2.44 0.23	32.10 2.93 0.44	43.28 4.48 0.16	68.89 5.58 -16.37	55.78 6.14 -3.85	39.26 4.56 0.12	35.20 3.74 0.26	32.10 3.10 0.30	27.99 2.35 0.19
ISLIP_RES_REC 323679	38.06 1.65 -13.52	37.84 1.53 -14.52	37.41 1.27 -16.62	37.36 1.23 -16.97	36.60 1.40 -14.33	38.34 1.80 -12.57	171.50 2.45 -133.05	320.06 3.75 -273.17	263.50 2.96 -225.37	165.80 2.73 -133.32	124.04 2.73 -95.34	56.94 2.66 -29.90	45.22 2.58 -19.62	45.25 2.74 -19.49	62.56 2.55 -36.99	63.15 2.81 -35.71	68.26 3.43 -35.21	107.43 3.78 -64.70	646.80 4.46 -595.41	178.88 4.26 -128.82	118.19 3.06 -80.30	70.55 3.20 -35.63	65.13 3.14 -32.70	40.38 2.46 -12.10
JAMAICA___27_KV_LOAD 355505	24.29 1.40 0.00	23.17 1.37 0.00	20.66 1.13 0.00	20.22 1.05 0.00	22.02 1.15 0.00	25.48 1.51 0.00	39.45 2.92 -0.53	48.06 4.18 -0.73	38.76 3.13 -0.45	32.92 2.86 -0.32	29.01 2.65 -0.38	27.26 2.58 -0.29	25.71 2.49 -0.20	25.73 2.51 -0.20	25.77 2.53 -0.21	27.52 2.64 -0.25	33.18 3.08 -0.49	43.08 3.94 -0.18	68.60 4.55 -17.12	55.94 4.53 -5.61	37.99 3.03 -0.14	34.92 2.92 -0.29	32.35 2.72 -0.34	28.13 2.09 -0.21
JANIS___SOLAR 323808	24.45 1.56 0.00	23.24 1.44 0.00	20.75 1.23 0.00	20.45 1.28 0.00	22.31 1.44 0.00	25.84 1.87 0.00	39.10 3.10 0.00	46.59 3.45 0.00	38.07 2.89 0.00	31.98 2.23 0.00	27.62 1.64 0.00	25.80 1.41 0.00	24.29 1.27 0.00	24.20 1.17 0.00	24.19 1.17 0.00	26.06 1.43 0.00	31.54 1.92 0.00	41.88 2.92 0.00	56.50 3.57 -6.00	50.96 3.48 -1.68	37.95 3.14 0.00	34.19 2.48 0.00	31.37 2.08 0.00	27.61 1.78 0.00
JARVIS____ 23743	22.98 0.09 0.00	21.86 0.07 0.00	19.60 0.08 0.00	19.24 0.08 0.00	20.96 0.08 0.00	24.09 0.12 0.00	36.18 0.18 0.00	43.45 0.30 0.00	35.43 0.25 0.00	29.92 0.18 0.00	26.14 0.16 0.00	24.53 0.15 0.00	23.16 0.14 0.00	23.16 0.14 0.00	23.16 0.14 0.00	24.78 0.15 0.00	29.79 0.18 0.00	39.20 0.24 0.00	47.63 0.33 -0.37	46.22 0.32 -0.10	35.03 0.21 0.00	31.94 0.22 0.00	29.47 0.18 0.00	25.96 0.13 0.00

JENNISON___1 23625	24.58 1.69 0.00	23.34 1.55 0.00	20.87 1.35 0.00	20.58 1.42 0.00	22.44 1.57 0.00	25.96 1.99 0.00	39.24 3.24 0.00	46.94 3.80 0.00	38.35 3.17 0.00	32.24 2.50 0.00	27.93 1.95 0.00	26.12 1.73 0.00	24.61 1.59 0.00	24.55 1.52 0.00	24.52 1.50 0.00	26.38 1.75 0.00	31.89 2.28 0.00	42.19 3.23 0.00	58.11 3.85 -7.33	51.60 3.76 -2.05	38.13 3.31 0.00	34.38 2.66 0.00	31.60 2.31 0.00	27.77 1.94 0.00
JENNISON___2 23626	24.58 1.69 0.00	23.34 1.55 0.00	20.87 1.35 0.00	20.58 1.42 0.00	22.44 1.57 0.00	25.96 1.99 0.00	39.24 3.24 0.00	46.94 3.80 0.00	38.35 3.17 0.00	32.24 2.50 0.00	27.93 1.95 0.00	26.12 1.73 0.00	24.61 1.59 0.00	24.55 1.52 0.00	24.52 1.50 0.00	26.38 1.75 0.00	31.89 2.28 0.00	42.19 3.23 0.00	58.11 3.85 -7.33	51.60 3.76 -2.05	38.13 3.31 0.00	34.38 2.66 0.00	31.60 2.31 0.00	27.77 1.94 0.00
JERICHO_RISE_WT_PWR 323719	22.52 -0.37 0.00	21.54 -0.26 0.00	19.31 -0.21 0.00	19.05 -0.11 0.00	20.81 -0.06 0.00	23.90 -0.07 0.00	35.35 -0.65 0.00	41.72 -1.42 0.00	33.99 -1.20 0.00	28.79 -0.95 0.00	25.25 -0.73 0.00	23.68 -0.71 0.00	22.33 -0.69 0.00	22.45 -0.57 0.00	22.49 -0.53 0.00	24.14 -0.49 0.00	29.26 -0.35 0.00	38.42 -0.55 0.00	46.42 -0.52 0.00	45.15 -0.64 0.00	34.37 -0.45 0.00	31.59 -0.13 0.00	29.61 0.32 0.00	26.29 0.47 0.00
KATONAH___115KV_46KV_TB4 355592	24.03 1.14 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.12 1.15 0.00	38.79 2.27 -0.52	47.22 3.37 -0.72	38.19 2.57 -0.44	32.41 2.35 -0.31	28.45 2.10 -0.37	26.67 2.00 -0.28	25.13 1.91 -0.20	25.18 1.96 -0.20	25.19 1.98 -0.19	26.95 2.07 -0.24	32.55 2.46 -0.48	42.33 3.19 -0.18	67.91 3.75 -17.23	55.17 3.76 -5.62	37.49 2.54 -0.13	34.43 2.44 -0.28	31.84 2.23 -0.32	27.69 1.65 -0.21
KCE_NY_1 323755	23.90 1.01 0.00	22.73 0.94 0.00	20.46 0.94 0.00	20.03 0.86 0.00	21.88 1.00 0.00	25.19 1.22 0.00	37.85 2.34 0.49	45.66 3.19 0.68	37.27 2.50 0.41	31.44 1.99 0.30	27.37 1.74 0.35	25.70 1.58 0.27	24.29 1.45 0.19	24.36 1.52 0.18	24.33 1.50 0.18	26.00 1.60 0.23	31.09 1.92 0.45	41.56 2.77 0.17	66.62 3.38 -16.31	52.91 3.30 -3.82	37.09 2.40 0.13	33.55 2.09 0.26	30.77 1.79 0.30	26.95 1.32 0.20
KCE_NY_6_ESR 323823	24.13 1.24 0.00	22.95 1.15 0.00	20.58 1.05 0.00	20.22 1.05 0.00	21.90 1.02 0.00	25.55 1.58 0.00	38.01 2.01 0.00	43.66 1.62 0.00	36.80 1.43 0.00	31.17 1.17 0.00	27.15 1.17 0.00	25.34 0.95 0.00	23.85 0.83 0.00	23.69 0.67 0.00	23.57 0.55 0.00	25.47 0.84 0.00	30.35 0.74 0.00	39.82 0.86 0.00	50.63 -0.66 -4.36	46.60 -0.41 -1.22	36.21 1.39 0.00	32.00 0.28 0.00	29.44 0.15 0.00	26.37 0.54 0.00
KEDC_PORT_JEFF_GT2 24210	41.32 1.51 -16.92	41.38 1.42 -18.16	41.48 1.17 -20.79	41.52 1.13 -21.23	40.01 1.21 -17.93	41.22 1.56 -15.69	204.40 2.09 -166.31	387.81 3.28 -341.39	319.19 2.57 -281.44	198.74 2.41 -166.59	147.17 2.44 -118.75	63.98 2.39 -37.20	49.76 2.32 -24.41	49.76 2.49 -24.25	71.38 2.30 -46.06	71.60 2.51 -44.46	76.38 2.99 -43.77	122.97 3.15 -80.85	790.86 3.71 -740.22	209.05 3.57 -159.68	137.68 2.54 -100.32	78.86 2.73 -44.42	72.76 2.78 -40.68	43.05 2.19 -15.03
KEDC_PORT_JEFF_GT3 24211	41.32 1.51 -16.92	41.38 1.42 -18.16	41.48 1.17 -20.79	41.52 1.13 -21.23	40.01 1.21 -17.93	41.22 1.56 -15.69	204.40 2.09 -166.31	387.81 3.28 -341.39	319.19 2.57 -281.44	198.74 2.41 -166.59	147.17 2.44 -118.75	63.98 2.39 -37.20	49.76 2.32 -24.41	49.76 2.49 -24.25	71.38 2.30 -46.06	71.60 2.51 -44.46	76.38 2.99 -43.77	122.97 3.15 -80.85	790.86 3.71 -740.22	209.05 3.57 -159.68	137.68 2.54 -100.32	78.86 2.73 -44.42	72.76 2.78 -40.68	43.05 2.19 -15.03
KEDC_GLWD_GT4 24219	24.31 1.42 0.00	23.13 1.33 0.00	20.62 1.09 0.00	20.22 1.05 0.00	22.06 1.19 0.00	25.62 1.54 -0.11	38.87 2.34 -0.53	47.45 3.58 -0.73	39.01 2.78 -1.05	32.69 2.53 -0.42	29.72 2.47 -1.27	27.37 2.41 -0.57	25.76 2.35 -0.38	25.82 2.42 -0.38	25.89 2.32 -0.54	27.74 2.51 -0.59	33.46 3.02 -0.82	42.69 3.55 -0.18	68.18 4.13 -17.11	55.48 4.07 -5.61	37.94 2.86 -0.27	35.04 2.89 -0.44	32.65 2.72 -0.64	28.25 2.09 -0.33
KEDC_GLWD_GT5 24220	24.31 1.42 0.00	23.13 1.33 0.00	20.62 1.09 0.00	20.22 1.05 0.00	22.06 1.19 0.00	25.62 1.54 -0.11	38.87 2.34 -0.53	47.45 3.58 -0.73	39.01 2.78 -1.05	32.69 2.53 -0.42	29.72 2.47 -1.27	27.37 2.41 -0.57	25.76 2.35 -0.38	25.82 2.42 -0.38	25.89 2.32 -0.54	27.74 2.51 -0.59	33.46 3.02 -0.82	42.69 3.55 -0.18	68.18 4.13 -17.11	55.48 4.07 -5.61	37.94 2.86 -0.27	35.04 2.89 -0.44	32.65 2.72 -0.64	28.25 2.09 -0.33
KENSICO____ 23655	23.97 1.08 0.00	22.87 1.07 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.69 2.16 -0.53	47.07 3.19 -0.73	38.05 2.43 -0.44	32.24 2.17 -0.32	28.38 2.03 -0.38	26.65 1.98 -0.29	25.14 1.91 -0.20	25.16 1.93 -0.20	25.18 1.96 -0.20	26.93 2.04 -0.25	32.50 2.40 -0.49	42.18 3.04 -0.18	67.59 3.57 -17.10	54.92 3.53 -5.60	37.32 2.37 -0.14	34.28 2.28 -0.28	31.73 2.11 -0.33	27.62 1.58 -0.21
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.15 1.26 0.00	23.02 1.22 0.00	20.58 1.05 0.00	20.16 1.00 0.00	21.96 1.09 0.00	25.20 1.22 0.00	38.55 2.30 -0.25	46.80 3.32 -0.34	37.92 2.53 -0.21	31.98 2.08 -0.15	28.05 1.90 -0.18	26.32 1.80 -0.13	24.87 1.75 -0.09	24.89 1.77 -0.09	24.93 1.82 -0.09	26.62 1.87 -0.12	32.12 2.28 -0.23	42.20 3.16 -0.08	65.44 3.85 -14.66	53.99 3.71 -4.48	37.46 2.58 -0.06	34.26 2.41 -0.13	31.64 2.20 -0.15	27.55 1.63 -0.10
KIAC_JFK_GT1 23816	24.24 1.35 0.00	23.13 1.33 0.00	20.62 1.09 0.00	20.18 1.02 0.00	21.98 1.11 0.00	25.41 1.44 0.00	39.34 2.81 -0.53	47.93 4.06 -0.73	38.65 3.03 -0.45	32.83 2.77 -0.32	28.93 2.57 -0.38	27.19 2.51 -0.29	25.65 2.42 -0.20	25.67 2.44 -0.20	25.70 2.46 -0.21	27.44 2.56 -0.25	33.09 2.99 -0.49	42.92 3.78 -0.18	68.46 4.41 -17.12	55.76 4.35 -5.61	37.88 2.92 -0.14	34.83 2.82 -0.29	32.26 2.64 -0.34	28.08 2.04 -0.21
KIAC_JFK_GT2 23817	24.24 1.35 0.00	23.13 1.33 0.00	20.62 1.09 0.00	20.18 1.02 0.00	21.98 1.11 0.00	25.41 1.44 0.00	39.34 2.81 -0.53	47.93 4.06 -0.73	38.65 3.03 -0.45	32.83 2.77 -0.32	28.93 2.57 -0.38	27.19 2.51 -0.29	25.65 2.42 -0.20	25.67 2.44 -0.20	25.70 2.46 -0.21	27.44 2.56 -0.25	33.09 2.99 -0.49	42.92 3.78 -0.18	68.46 4.41 -17.12	55.76 4.35 -5.61	37.88 2.92 -0.14	34.83 2.82 -0.29	32.26 2.64 -0.34	28.08 2.04 -0.21
KIAC_JFK____ 323774	24.24 1.35 0.00	23.08 1.29 0.00	20.62 1.09 0.00	20.18 1.02 0.00	21.98 1.11 0.00	25.44 1.46 0.00	39.30 2.77 -0.53	47.93 4.05 -0.73	38.65 3.03 -0.45	32.83 2.77 -0.32	28.93 2.57 -0.38	27.19 2.51 -0.29	25.64 2.42 -0.20	25.69 2.46 -0.20	25.70 2.46 -0.22	27.44 2.56 -0.25	33.09 2.99 -0.49	42.92 3.78 -0.18	68.46 4.41 -17.12	55.76 4.35 -5.61	37.84 2.89 -0.14	34.83 2.82 -0.29	32.26 2.64 -0.34	28.08 2.04 -0.21

KINTIGH____ 23543	23.49 0.60 0.00	22.28 0.48 0.00	19.97 0.45 0.00	19.66 0.50 0.00	21.31 0.44 0.00	24.86 0.89 0.00	36.76 0.76 0.00	42.41 -0.73 0.00	35.60 0.42 0.00	30.13 0.39 0.00	26.24 0.26 0.00	24.53 0.15 0.00	23.12 0.09 0.00	23.00 -0.02 0.00	22.91 -0.12 0.00	24.68 0.05 0.00	29.43 -0.18 0.00	38.42 -0.55 0.00	49.72 -1.22 -4.01	45.96 -0.96 -1.12	34.92 0.10 0.00	31.02 -0.70 0.00	28.65 -0.64 0.00	25.62 -0.21 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.94 0.05 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.19 0.31 0.00	24.33 0.36 0.00	35.89 -0.11 0.00	42.15 -0.99 0.00	34.34 -0.84 0.00	29.15 -0.59 0.00	25.54 -0.44 0.00	23.97 -0.41 0.00	22.59 -0.44 0.00	22.70 -0.32 0.00	22.74 -0.28 0.00	24.41 -0.22 0.00	29.67 0.06 0.00	38.88 -0.08 0.00	46.98 0.05 0.00	45.66 -0.14 0.00	34.78 -0.03 0.00	32.19 0.48 0.00	30.14 0.85 0.00	26.78 0.96 0.00
LACHUTE__HYDRO 323717	24.63 1.74 0.00	23.43 1.64 0.00	21.22 1.70 0.00	20.72 1.55 0.00	22.77 1.90 0.00	26.35 2.37 0.00	40.06 4.54 0.48	48.39 5.91 0.66	39.56 4.78 0.40	33.23 3.78 0.29	28.91 3.27 0.34	27.00 2.88 0.26	25.05 2.21 0.18	25.15 2.30 0.18	25.10 2.26 0.18	26.85 2.44 0.23	32.11 2.93 0.44	43.28 4.48 0.16	68.88 5.58 -16.37	55.74 6.09 -3.85	39.26 4.56 0.12	35.23 3.77 0.26	32.10 3.10 0.30	27.99 2.35 0.19
LAWRNCV_115KV_TB1 80681	22.57 -0.32 0.00	21.51 -0.28 0.00	19.27 -0.25 0.00	18.95 -0.21 0.00	20.62 -0.25 0.00	23.52 -0.46 0.00	34.99 -1.01 0.00	41.67 -1.47 0.00	33.88 -1.30 0.00	28.44 -1.31 0.00	24.81 -1.17 0.00	23.21 -1.17 0.00	21.87 -1.15 0.00	21.90 -1.13 0.00	21.89 -1.13 0.00	23.45 -1.18 0.00	28.43 -1.18 0.00	37.64 -1.32 0.00	46.05 -1.31 -0.44	44.54 -1.37 -0.12	33.74 -1.08 0.00	31.02 -0.70 0.00	28.94 -0.35 0.00	25.73 -0.10 0.00
LEDERLE____ 23769	24.01 1.12 0.00	22.87 1.07 0.00	20.44 0.92 0.00	20.03 0.86 0.00	21.79 0.92 0.00	25.08 1.10 0.00	38.55 2.12 -0.43	46.84 3.11 -0.59	37.90 2.36 -0.36	32.09 2.08 -0.26	28.21 1.92 -0.31	26.47 1.85 -0.24	24.98 1.80 -0.16	24.98 1.80 -0.16	25.00 1.82 -0.16	26.73 1.90 -0.20	32.26 2.25 -0.39	42.07 2.96 -0.15	65.94 3.52 -15.49	54.23 3.43 -5.00	37.33 2.40 -0.11	34.20 2.25 -0.23	31.61 2.05 -0.27	27.50 1.50 -0.17
LIGHTHSE_115KV_TB6 355974	22.98 0.09 0.00	21.84 0.04 0.00	19.52 0.00 0.00	19.20 0.04 0.00	20.94 0.06 0.00	24.07 0.10 0.00	36.11 0.11 0.00	43.06 -0.09 0.00	35.15 -0.04 0.00	29.60 -0.15 0.00	25.72 -0.26 0.00	24.12 -0.27 0.00	22.73 -0.30 0.00	22.70 -0.32 0.00	22.67 -0.35 0.00	24.29 -0.34 0.00	29.26 -0.36 0.00	38.61 -0.35 0.00	49.12 -0.28 -2.47	46.21 -0.27 -0.69	34.75 -0.07 0.00	31.52 -0.19 0.00	29.11 -0.18 0.00	25.73 -0.10 0.00
LINDEN COGEN____ 23786	23.97 1.08 0.00	22.84 1.05 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.10 1.13 0.00	34.44 2.09 3.64	37.79 3.28 8.63	34.66 2.39 2.91	32.33 2.26 -0.32	28.51 2.16 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.32 2.10 -0.20	25.33 2.09 -0.22	27.05 2.17 -0.25	32.59 2.49 -0.49	36.96 3.08 5.07	55.23 3.57 -4.74	54.98 3.57 -5.61	37.22 2.26 -0.14	34.28 2.28 -0.28	31.79 2.17 -0.33	27.67 1.63 -0.21
LINDHRST_69_KV_BK1 356055	25.27 1.46 -0.91	24.17 1.40 -0.98	21.78 1.13 -1.12	21.38 1.07 -1.14	23.07 1.23 -0.97	26.54 1.53 -1.03	47.77 2.30 -9.46	66.22 3.45 -19.63	55.02 2.71 -17.13	41.93 2.47 -9.71	37.05 2.52 -8.55	29.71 2.49 -2.84	27.32 2.42 -1.87	27.28 2.39 -1.86	28.80 2.42 -3.36	30.59 2.66 -3.30	36.34 3.26 -3.48	47.32 3.70 -4.65	108.52 4.36 -57.23	64.07 4.12 -14.15	43.71 2.96 -5.93	37.81 3.08 -3.01	35.33 2.93 -3.11	29.34 2.27 -1.23
LIPA_MISC_IPP 23656	40.37 1.69 -15.78	40.33 1.59 -16.94	40.24 1.33 -19.39	40.23 1.26 -19.80	39.04 1.44 -16.72	40.35 1.77 -14.60	193.76 2.59 -155.17	365.40 3.71 -318.55	300.54 2.92 -262.44	187.93 2.77 -155.42	139.32 2.75 -110.59	61.72 2.68 -34.65	48.34 2.58 -22.74	48.19 2.58 -22.59	68.52 2.60 -42.90	68.89 2.86 -41.40	73.89 3.49 -40.78	118.34 3.94 -75.44	743.32 4.65 -691.74	199.54 4.40 -149.35	131.59 3.20 -93.57	76.43 3.30 -41.42	70.37 3.19 -37.89	42.31 2.48 -14.00
LISF__SOLAR 323691	40.29 1.74 -15.66	40.25 1.64 -16.82	40.12 1.35 -19.25	40.12 1.30 -19.65	38.95 1.48 -16.60	40.37 1.89 -14.50	192.60 2.59 -154.01	363.15 3.84 -316.17	298.76 3.06 -260.52	186.86 2.86 -154.26	138.61 2.81 -109.83	61.53 2.73 -34.42	48.23 2.62 -22.59	48.27 2.81 -22.43	68.25 2.62 -42.60	68.64 2.88 -41.12	73.67 3.55 -40.51	117.77 3.93 -74.88	738.22 4.60 -686.69	198.51 4.44 -148.27	130.94 3.24 -92.88	76.16 3.33 -41.12	70.18 3.25 -37.64	42.30 2.56 -13.91
LITTLE FALLS__HYD 24013	23.30 0.41 0.00	22.21 0.41 0.00	19.93 0.41 0.00	19.63 0.46 0.00	21.40 0.52 0.00	24.64 0.67 0.00	37.08 1.08 0.00	44.48 1.34 0.00	36.31 1.13 0.00	30.70 0.95 0.00	26.78 0.81 0.00	25.09 0.71 0.00	23.69 0.67 0.00	23.69 0.67 0.00	23.71 0.69 0.00	25.40 0.76 0.00	30.53 0.92 0.00	40.21 1.25 0.00	48.85 1.55 -0.37	47.41 1.51 -0.10	36.07 1.25 0.00	32.92 1.21 0.00	30.40 1.11 0.00	26.78 0.96 0.00
LITTLRIV_115KV_TB1 356100	22.78 -0.11 0.00	21.71 -0.09 0.00	19.43 -0.10 0.00	19.15 -0.02 0.00	20.83 -0.04 0.00	23.78 -0.19 0.00	35.75 -0.25 0.00	42.54 -0.60 0.00	34.55 -0.63 0.00	28.85 -0.89 0.00	25.07 -0.91 0.00	23.43 -0.95 0.00	22.06 -0.97 0.00	22.06 -0.97 0.00	22.05 -0.97 0.00	23.70 -0.94 0.00	28.81 -0.80 0.00	38.34 -0.62 0.00	47.10 -0.33 -0.50	45.48 -0.46 -0.14	34.47 -0.35 0.00	31.65 -0.06 0.00	29.52 0.23 0.00	26.22 0.39 0.00
LI_NEWBRDGE__DRP 323616	24.15 1.26 0.00	23.00 1.20 0.00	20.50 0.98 0.00	20.09 0.92 0.00	21.92 1.04 0.00	25.27 1.29 0.00	38.62 2.09 -0.53	47.02 3.15 -0.73	38.05 2.43 -0.45	32.33 2.26 -0.32	28.62 2.26 -0.38	26.90 2.22 -0.29	25.37 2.14 -0.20	25.37 2.14 -0.20	25.38 2.16 -0.20	27.20 2.32 -0.25	32.88 2.78 -0.49	42.37 3.23 -0.18	67.80 3.75 -17.11	55.07 3.66 -5.61	37.53 2.58 -0.14	34.60 2.60 -0.28	32.11 2.49 -0.33	27.93 1.89 -0.21
LOCKPORT_115KV_TB60_63_64 80432	23.81 0.92 0.00	22.56 0.76 0.00	20.25 0.72 0.00	19.95 0.79 0.00	21.58 0.71 0.00	25.27 1.29 0.00	37.37 1.37 0.00	43.01 -0.13 0.00	36.27 1.09 0.00	30.67 0.92 0.00	26.65 0.68 0.00	24.90 0.51 0.00	23.44 0.41 0.00	23.30 0.28 0.00	23.18 0.16 0.00	25.05 0.42 0.00	29.85 0.24 0.00	39.04 0.08 0.00	50.07 -0.94 -4.07	46.25 -0.69 -1.14	35.55 0.73 0.00	31.40 -0.32 0.00	28.97 -0.32 0.00	25.96 0.13 0.00
LOCKPORT__CC1 323769	23.81 0.92 0.00	22.63 0.83 0.00	20.31 0.78 0.00	19.95 0.79 0.00	21.58 0.71 0.00	25.15 1.17 0.00	37.55 1.55 0.00	43.01 -0.13 0.00	36.27 1.09 0.00	30.70 0.95 0.00	26.70 0.73 0.00	24.90 0.51 0.00	23.46 0.44 0.00	23.30 0.28 0.00	23.20 0.18 0.00	25.05 0.42 0.00	29.88 0.27 0.00	39.12 0.16 0.00	50.07 -0.94 -4.07	46.25 -0.69 -1.14	35.62 0.80 0.00	31.52 -0.19 0.00	29.00 -0.29 0.00	25.98 0.16 0.00

LOCKPORT___CC2 323770	23.81 0.92 0.00	22.63 0.83 0.00	20.31 0.78 0.00	19.95 0.79 0.00	21.58 0.71 0.00	25.15 1.17 0.00	37.55 1.55 0.00	43.01 -0.13 0.00	36.27 1.09 0.00	30.70 0.95 0.00	26.70 0.73 0.00	24.90 0.51 0.00	23.46 0.44 0.00	23.30 0.28 0.00	23.20 0.18 0.00	25.05 0.42 0.00	29.88 0.27 0.00	39.12 0.16 0.00	50.07 -0.94 -4.07	46.25 -0.69 -1.14	35.62 0.80 0.00	31.52 -0.19 0.00	29.00 -0.29 0.00	25.98 0.16 0.00
LOCKPORT___CC3 323771	23.81 0.92 0.00	22.63 0.83 0.00	20.31 0.78 0.00	19.95 0.79 0.00	21.58 0.71 0.00	25.15 1.17 0.00	37.55 1.55 0.00	43.01 -0.13 0.00	36.27 1.09 0.00	30.70 0.95 0.00	26.70 0.73 0.00	24.90 0.51 0.00	23.46 0.44 0.00	23.30 0.28 0.00	23.20 0.18 0.00	25.05 0.42 0.00	29.88 0.27 0.00	39.12 0.16 0.00	50.07 -0.94 -4.07	46.25 -0.69 -1.14	35.62 0.80 0.00	31.52 -0.19 0.00	29.00 -0.29 0.00	25.98 0.16 0.00
LONG_LAKE_PHOENIX 24014	22.89 0.00 0.00	21.78 -0.02 0.00	19.49 -0.04 0.00	19.13 -0.04 0.00	20.85 -0.02 0.00	23.97 0.00 0.00	35.86 -0.14 0.00	42.80 -0.35 0.00	35.01 -0.18 0.00	29.60 -0.15 0.00	25.80 -0.18 0.00	24.19 -0.20 0.00	22.82 -0.21 0.00	22.80 -0.23 0.00	22.77 -0.25 0.00	24.39 -0.25 0.00	29.26 -0.36 0.00	38.49 -0.47 0.00	49.12 -0.56 -2.75	46.02 -0.55 -0.77	34.58 -0.24 0.00	31.33 -0.38 0.00	28.88 -0.41 0.00	25.57 -0.26 0.00
LOVETT___3 23632	23.90 1.01 0.00	22.76 0.96 0.00	20.34 0.82 0.00	19.93 0.77 0.00	21.69 0.81 0.00	24.98 1.01 0.00	38.34 1.91 -0.43	46.58 2.85 -0.59	37.69 2.15 -0.36	31.94 1.93 -0.26	28.08 1.79 -0.31	26.35 1.73 -0.24	24.87 1.68 -0.16	24.87 1.68 -0.16	24.89 1.70 -0.16	26.61 1.77 -0.20	32.11 2.10 -0.40	41.83 2.73 -0.15	65.62 3.19 -15.50	53.96 3.16 -5.00	37.12 2.19 -0.11	34.01 2.06 -0.23	31.43 1.87 -0.27	27.40 1.39 -0.17
LOVETT___4 23642	23.90 1.01 0.00	22.76 0.96 0.00	20.34 0.82 0.00	19.93 0.77 0.00	21.69 0.81 0.00	24.98 1.01 0.00	38.34 1.91 -0.43	46.58 2.85 -0.59	37.69 2.15 -0.36	31.94 1.93 -0.26	28.08 1.79 -0.31	26.35 1.73 -0.24	24.87 1.68 -0.16	24.87 1.68 -0.16	24.89 1.70 -0.16	26.61 1.77 -0.20	32.11 2.10 -0.40	41.83 2.73 -0.15	65.62 3.19 -15.50	53.96 3.16 -5.00	37.12 2.19 -0.11	34.01 2.06 -0.23	31.43 1.87 -0.27	27.40 1.39 -0.17
LOVETT___5 23593	23.90 1.01 0.00	22.76 0.96 0.00	20.34 0.82 0.00	19.93 0.77 0.00	21.69 0.81 0.00	24.98 1.01 0.00	38.34 1.91 -0.43	46.58 2.85 -0.59	37.69 2.15 -0.36	31.94 1.93 -0.26	28.08 1.79 -0.31	26.35 1.73 -0.24	24.87 1.68 -0.16	24.87 1.68 -0.16	24.89 1.70 -0.16	26.61 1.77 -0.20	32.11 2.10 -0.40	41.83 2.73 -0.15	65.62 3.19 -15.50	53.96 3.16 -5.00	37.12 2.19 -0.11	34.01 2.06 -0.23	31.43 1.87 -0.27	27.40 1.39 -0.17
LOWER RAQUET___HYD 24057	22.55 -0.34 0.00	21.51 -0.28 0.00	19.25 -0.27 0.00	18.96 -0.21 0.00	20.62 -0.25 0.00	23.49 -0.48 0.00	34.88 -1.12 0.00	41.50 -1.64 0.00	33.74 -1.44 0.00	28.26 -1.49 0.00	24.65 -1.32 0.00	23.07 -1.32 0.00	21.74 -1.29 0.00	21.76 -1.27 0.00	21.75 -1.27 0.00	23.30 -1.33 0.00	28.28 -1.33 0.00	37.48 -1.48 0.00	45.97 -1.46 -0.50	44.43 -1.51 -0.14	33.60 -1.22 0.00	30.89 -0.82 0.00	28.91 -0.38 0.00	25.73 -0.10 0.00
LOWER___HUDSON 24059	23.67 0.78 0.00	22.52 0.72 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.81 0.84 0.00	37.03 1.66 0.63	44.65 2.37 0.87	36.48 1.83 0.53	30.85 1.49 0.38	26.85 1.32 0.45	25.26 1.22 0.34	23.94 1.15 0.24	23.99 1.20 0.24	23.96 1.17 0.24	25.59 1.26 0.30	30.55 1.51 0.58	40.85 2.10 0.21	65.00 2.53 -15.54	51.66 2.47 -3.39	36.40 1.74 0.16	32.96 1.59 0.34	30.31 1.41 0.39	26.58 1.01 0.25
LOWVILLE_115KV_TB2 356335	23.21 0.32 0.00	22.06 0.26 0.00	19.74 0.21 0.00	19.45 0.29 0.00	21.19 0.31 0.00	24.38 0.41 0.00	36.68 0.68 0.00	43.96 0.82 0.00	35.81 0.63 0.00	30.04 0.30 0.00	26.06 0.08 0.00	24.36 -0.02 0.00	22.93 -0.09 0.00	22.89 -0.14 0.00	22.86 -0.16 0.00	24.61 -0.02 0.00	29.82 0.21 0.00	39.55 0.58 0.00	49.09 1.03 -1.13	47.07 0.96 -0.32	35.62 0.80 0.00	32.38 0.67 0.00	29.88 0.59 0.00	26.29 0.46 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.87 0.98 0.00	22.73 0.94 0.00	20.46 0.94 0.00	20.03 0.86 0.00	21.85 0.98 0.00	25.22 1.25 0.00	37.85 2.34 0.49	45.61 3.15 0.68	37.23 2.46 0.41	31.44 1.99 0.30	27.37 1.74 0.35	25.70 1.59 0.27	24.29 1.45 0.19	24.34 1.50 0.18	24.31 1.47 0.18	25.98 1.58 0.23	31.06 1.90 0.45	41.52 2.73 0.17	66.57 3.33 -16.31	52.86 3.25 -3.82	37.06 2.37 0.13	33.51 2.06 0.26	30.74 1.76 0.30	26.95 1.32 0.20
LUTHERNY_35_KV_BK2 355980	23.90 1.01 0.00	22.76 0.96 0.00	20.48 0.96 0.00	20.03 0.86 0.00	21.88 1.00 0.00	25.22 1.25 0.00	37.85 2.34 0.49	45.66 3.19 0.68	37.27 2.50 0.41	31.44 1.99 0.30	27.37 1.74 0.35	25.70 1.59 0.27	24.29 1.45 0.19	24.34 1.50 0.18	24.33 1.50 0.18	26.00 1.60 0.23	31.09 1.92 0.45	41.56 2.77 0.17	66.62 3.38 -16.31	52.91 3.30 -3.82	37.10 2.40 0.13	33.55 2.09 0.26	30.77 1.79 0.30	26.95 1.32 0.20
LWR___OSWEGATCHIE_HYD 23850	22.75 -0.14 0.00	21.67 -0.13 0.00	19.37 -0.16 0.00	19.09 -0.08 0.00	20.77 -0.10 0.00	23.78 -0.19 0.00	35.57 -0.43 0.00	42.45 -0.69 0.00	34.55 -0.63 0.00	28.97 -0.77 0.00	25.17 -0.81 0.00	23.53 -0.85 0.00	22.17 -0.85 0.00	22.15 -0.87 0.00	22.15 -0.87 0.00	23.80 -0.84 0.00	28.84 -0.77 0.00	38.26 -0.70 0.00	47.29 -0.52 -0.87	45.49 -0.55 -0.24	34.40 -0.42 0.00	31.46 -0.25 0.00	29.20 -0.09 0.00	25.83 0.00 0.00
LYONS_FALL_HYD 23570	23.35 0.46 0.00	22.19 0.39 0.00	19.86 0.33 0.00	19.55 0.38 0.00	21.31 0.44 0.00	24.52 0.55 0.00	36.90 0.90 0.00	44.31 1.17 0.00	36.17 0.98 0.00	30.37 0.63 0.00	26.37 0.39 0.00	24.65 0.27 0.00	23.23 0.21 0.00	23.21 0.18 0.00	23.18 0.16 0.00	24.90 0.27 0.00	30.15 0.53 0.00	39.89 0.93 0.00	49.36 1.41 -1.03	47.41 1.33 -0.29	35.90 1.08 0.00	32.60 0.89 0.00	30.08 0.79 0.00	26.45 0.62 0.00
MADISON___COUNTY_LFGE 323628	23.78 0.89 0.00	22.60 0.81 0.00	20.21 0.68 0.00	19.89 0.73 0.00	21.69 0.81 0.00	24.98 1.01 0.00	37.66 1.66 0.00	45.13 1.98 0.00	36.87 1.69 0.00	31.05 1.31 0.00	26.97 0.99 0.00	25.24 0.85 0.00	23.81 0.78 0.00	23.76 0.74 0.00	23.73 0.71 0.00	25.49 0.86 0.00	30.77 1.15 0.00	40.68 1.71 0.00	50.65 2.16 -1.56	48.34 2.11 -0.44	36.56 1.74 0.00	33.14 1.43 0.00	30.52 1.23 0.00	26.84 1.01 0.00
MALONE___115KV_TB1 356076	22.75 -0.14 0.00	21.75 -0.04 0.00	19.49 -0.04 0.00	19.20 0.04 0.00	20.98 0.10 0.00	24.04 0.07 0.00	35.68 -0.32 0.00	42.15 -0.99 0.00	34.37 -0.81 0.00	28.97 -0.77 0.00	25.35 -0.62 0.00	23.78 -0.61 0.00	22.40 -0.62 0.00	22.50 -0.53 0.00	22.51 -0.51 0.00	24.14 -0.49 0.00	29.35 -0.27 0.00	38.69 -0.27 0.00	47.03 -0.19 -0.29	45.56 -0.32 -0.08	34.61 -0.21 0.00	31.90 0.19 0.00	29.73 0.44 0.00	26.45 0.62 0.00

MAPLEWOD_115KV_TB3 80458	23.69 0.80 0.00	22.56 0.76 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.52 0.65 0.00	24.74 0.77 0.00	36.99 1.55 0.56	44.48 2.11 0.77	36.33 1.62 0.47	30.78 1.37 0.34	26.80 1.22 0.40	25.20 1.12 0.31	23.87 1.06 0.21	23.90 1.08 0.21	23.89 1.08 0.21	25.53 1.16 0.26	30.52 1.42 0.51	40.80 2.03 0.19	64.99 2.39 -15.67	51.66 2.34 -3.53	36.31 1.64 0.14	32.94 1.52 0.30	30.26 1.32 0.35	26.53 0.93 0.22
MAPLE_RIDGE_WT_1 323574	22.20 -0.69 0.00	21.23 -0.57 0.00	19.08 -0.45 0.00	18.76 -0.40 0.00	20.48 -0.40 0.00	23.49 -0.48 0.00	35.24 -0.76 0.00	42.28 -0.86 0.00	34.55 -0.63 0.00	29.24 -0.51 0.00	25.56 -0.42 0.00	23.99 -0.39 0.00	22.63 -0.39 0.00	22.63 -0.39 0.00	22.63 -0.39 0.00	24.21 -0.42 0.00	29.17 -0.44 0.00	38.38 -0.58 0.00	46.27 -0.66 0.00	45.11 -0.69 0.00	34.30 -0.52 0.00	31.30 -0.41 0.00	28.94 -0.35 0.00	25.55 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	22.20 -0.69 0.00	21.23 -0.57 0.00	19.08 -0.45 0.00	18.76 -0.40 0.00	20.48 -0.40 0.00	23.49 -0.48 0.00	35.24 -0.76 0.00	42.28 -0.86 0.00	34.55 -0.63 0.00	29.24 -0.51 0.00	25.56 -0.42 0.00	23.99 -0.39 0.00	22.63 -0.39 0.00	22.63 -0.39 0.00	22.63 -0.39 0.00	24.21 -0.42 0.00	29.17 -0.44 0.00	38.38 -0.58 0.00	46.27 -0.66 0.00	45.11 -0.69 0.00	34.30 -0.52 0.00	31.30 -0.41 0.00	28.94 -0.35 0.00	25.55 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	22.59 -0.30 0.00	21.60 -0.20 0.00	19.37 -0.16 0.00	19.11 -0.06 0.00	20.87 0.00 0.00	23.97 0.00 0.00	35.39 -0.61 0.00	41.76 -1.38 0.00	34.02 -1.16 0.00	28.85 -0.89 0.00	25.28 -0.70 0.00	23.73 -0.66 0.00	22.38 -0.64 0.00	22.50 -0.53 0.00	22.54 -0.48 0.00	24.19 -0.44 0.00	29.35 -0.27 0.00	38.50 -0.47 0.00	46.46 -0.47 0.00	45.20 -0.60 0.00	34.40 -0.42 0.00	31.68 -0.03 0.00	29.73 0.44 0.00	26.40 0.57 0.00
MARSHVLE_115KV_TB1 80742	23.62 0.73 0.00	22.52 0.72 0.00	20.25 0.72 0.00	19.80 0.63 0.00	21.62 0.75 0.00	25.05 1.08 0.00	38.01 2.41 0.40	46.00 3.41 0.55	37.42 2.57 0.33	31.41 1.90 0.24	27.28 1.58 0.29	25.53 1.37 0.22	24.07 1.20 0.15	24.14 1.27 0.15	24.16 1.29 0.15	25.87 1.43 0.19	31.17 1.92 0.37	42.06 3.23 0.13	67.82 4.08 -16.81	53.88 3.98 -4.10	37.57 2.86 0.10	33.78 2.28 0.21	30.86 1.82 0.25	26.86 1.19 0.16
MARSH_HILL_WT_PWR 323713	24.19 1.30 0.00	23.06 1.26 0.00	20.66 1.13 0.00	20.33 1.17 0.00	22.15 1.27 0.00	25.82 1.85 0.00	38.70 2.70 0.00	45.17 2.03 0.00	37.68 2.50 0.00	31.95 2.20 0.00	27.72 1.74 0.00	25.90 1.51 0.00	24.36 1.33 0.00	24.24 1.22 0.00	24.15 1.13 0.00	26.01 1.38 0.00	31.06 1.45 0.00	40.91 1.95 0.00	53.08 1.22 -4.93	48.51 1.33 -1.38	37.19 2.37 0.00	33.05 1.33 0.00	30.43 1.14 0.00	27.07 1.24 0.00
MCINTYRE_115KV_TB2 80467	22.87 -0.02 0.00	21.82 0.02 0.00	19.50 -0.02 0.00	19.22 0.06 0.00	20.94 0.06 0.00	23.93 -0.05 0.00	36.43 0.43 0.00	43.31 0.17 0.00	35.15 -0.04 0.00	29.27 -0.48 0.00	25.38 -0.60 0.00	23.68 -0.71 0.00	22.26 -0.76 0.00	22.29 -0.74 0.00	22.28 -0.74 0.00	23.94 -0.69 0.00	29.23 -0.38 0.00	38.96 0.00 0.00	47.99 0.56 -0.50	46.35 0.41 -0.14	35.17 0.35 0.00	32.25 0.54 0.00	30.02 0.73 0.00	26.60 0.77 0.00
MECO____69_KV_BK1 80468	24.33 1.44 0.00	23.21 1.42 0.00	20.87 1.35 0.00	20.37 1.21 0.00	22.27 1.40 0.00	25.84 1.87 0.00	39.31 3.71 0.40	47.59 5.00 0.55	38.79 3.94 0.33	32.54 3.03 0.24	28.19 2.49 0.29	26.24 2.07 0.22	24.81 1.93 0.15	24.95 2.07 0.15	24.92 2.05 0.15	26.71 2.27 0.19	32.21 2.96 0.37	43.62 4.79 0.13	69.65 5.91 -16.81	55.62 5.72 -4.10	38.97 4.25 0.10	34.93 3.43 0.21	31.85 2.81 0.25	27.66 1.99 0.16
MENANDS_115KV_TB5 355628	23.62 0.73 0.00	22.47 0.68 0.00	20.13 0.61 0.00	19.72 0.56 0.00	21.44 0.56 0.00	24.62 0.65 0.00	36.81 1.37 0.56	44.22 1.86 0.77	36.09 1.37 0.47	30.60 1.19 0.34	26.64 1.07 0.40	25.08 1.00 0.31	23.76 0.94 0.21	23.78 0.97 0.21	23.78 0.97 0.21	25.40 1.03 0.26	30.37 1.27 0.51	40.53 1.75 0.19	64.68 2.11 -15.64	51.38 2.06 -3.52	36.07 1.39 0.14	32.75 1.33 0.30	30.11 1.17 0.35	26.41 0.80 0.22
MG INDUSTRY___DRP 24185	23.67 0.78 0.00	22.54 0.74 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.52 0.65 0.00	24.69 0.72 0.00	37.10 1.44 0.34	44.57 1.90 0.47	36.30 1.41 0.28	30.73 1.19 0.21	26.80 1.07 0.24	25.18 0.98 0.19	23.82 0.92 0.13	23.84 0.94 0.13	23.84 0.94 0.13	25.46 0.99 0.16	30.54 1.24 0.31	40.56 1.71 0.11	65.25 2.06 -16.25	51.84 2.02 -4.03	36.16 1.43 0.09	32.90 1.36 0.18	30.28 1.20 0.21	26.55 0.85 0.14
MID___OSWEGATCHIE_HYD 23849	22.75 -0.14 0.00	21.67 -0.13 0.00	19.37 -0.16 0.00	19.09 -0.08 0.00	20.77 -0.10 0.00	23.78 -0.19 0.00	35.57 -0.43 0.00	42.45 -0.69 0.00	34.55 -0.63 0.00	28.97 -0.77 0.00	25.17 -0.81 0.00	23.53 -0.85 0.00	22.17 -0.85 0.00	22.15 -0.87 0.00	22.15 -0.87 0.00	23.80 -0.84 0.00	28.84 -0.77 0.00	38.26 -0.70 0.00	47.29 -0.52 -0.87	45.49 -0.55 -0.24	34.40 -0.42 0.00	31.46 -0.25 0.00	29.20 -0.09 0.00	25.83 0.00 0.00
MID___RAQUETTE_HYD 23851	22.55 -0.34 0.00	21.51 -0.28 0.00	19.25 -0.27 0.00	18.95 -0.21 0.00	20.62 -0.25 0.00	23.49 -0.48 0.00	34.92 -1.08 0.00	41.50 -1.64 0.00	33.74 -1.44 0.00	28.26 -1.49 0.00	24.65 -1.32 0.00	23.07 -1.32 0.00	21.74 -1.29 0.00	21.76 -1.27 0.00	21.75 -1.27 0.00	23.30 -1.33 0.00	28.28 -1.33 0.00	37.48 -1.48 0.00	45.98 -1.45 -0.50	44.38 -1.56 -0.14	33.60 -1.22 0.00	30.92 -0.79 0.00	28.91 -0.38 0.00	25.73 -0.10 0.00
MILLIKEN___1 23584	23.92 1.03 0.00	22.73 0.94 0.00	20.32 0.80 0.00	19.99 0.82 0.00	21.79 0.92 0.00	25.17 1.20 0.00	37.91 1.91 0.00	45.17 2.03 0.00	37.01 1.83 0.00	31.29 1.55 0.00	27.17 1.20 0.00	25.43 1.05 0.00	23.95 0.92 0.00	23.90 0.87 0.00	23.87 0.85 0.00	25.62 0.99 0.00	30.83 1.21 0.00	40.64 1.68 0.00	53.68 1.88 -4.88	49.04 1.88 -1.37	36.63 1.81 0.00	33.05 1.33 0.00	30.40 1.11 0.00	26.84 1.01 0.00
MILLIKEN___2 23585	23.92 1.03 0.00	22.73 0.94 0.00	20.32 0.80 0.00	19.99 0.82 0.00	21.79 0.92 0.00	25.17 1.20 0.00	37.91 1.91 0.00	45.17 2.03 0.00	37.01 1.83 0.00	31.29 1.55 0.00	27.17 1.20 0.00	25.43 1.05 0.00	23.95 0.92 0.00	23.90 0.87 0.00	23.87 0.85 0.00	25.62 0.99 0.00	30.83 1.21 0.00	40.64 1.68 0.00	53.68 1.88 -4.88	49.04 1.88 -1.37	36.63 1.81 0.00	33.05 1.33 0.00	30.40 1.11 0.00	26.84 1.01 0.00
MILLIKEN___DIESEL 23629	23.92 1.03 0.00	22.73 0.94 0.00	20.32 0.80 0.00	19.99 0.82 0.00	21.79 0.92 0.00	25.17 1.20 0.00	37.91 1.91 0.00	45.17 2.03 0.00	37.01 1.83 0.00	31.29 1.55 0.00	27.17 1.20 0.00	25.43 1.05 0.00	23.95 0.92 0.00	23.90 0.87 0.00	23.87 0.85 0.00	25.62 0.99 0.00	30.83 1.21 0.00	40.64 1.68 0.00	53.68 1.88 -4.88	49.04 1.88 -1.37	36.63 1.81 0.00	33.05 1.33 0.00	30.40 1.11 0.00	26.84 1.01 0.00

MILLSEAT___LFGE 323607	24.06 1.17 0.00	22.84 1.05 0.00	20.48 0.96 0.00	20.10 0.94 0.00	21.79 0.92 0.00	25.39 1.41 0.00	38.01 2.01 0.00	43.75 0.60 0.00	36.87 1.69 0.00	31.11 1.37 0.00	26.99 1.01 0.00	25.17 0.78 0.00	23.74 0.71 0.00	23.56 0.53 0.00	23.46 0.44 0.00	25.35 0.71 0.00	30.26 0.65 0.00	39.66 0.70 0.00	50.88 -0.05 -4.00	47.10 0.18 -1.12	36.14 1.32 0.00	32.03 0.32 0.00	29.47 0.18 0.00	26.32 0.49 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.94 1.05 0.00	22.84 1.05 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.61 2.09 -0.53	46.97 3.11 -0.73	37.94 2.32 -0.44	32.18 2.11 -0.32	28.33 1.97 -0.38	26.60 1.93 -0.29	25.07 1.84 -0.20	25.09 1.87 -0.20	25.10 1.89 -0.20	26.85 1.97 -0.25	32.40 2.31 -0.48	42.10 2.96 -0.18	67.40 3.47 -16.99	54.75 3.39 -5.57	37.25 2.30 -0.13	34.21 2.22 -0.28	31.67 2.05 -0.33	27.56 1.52 -0.21
MILLWOOD_13_KV_LOAD 356217	23.99 1.10 0.00	22.89 1.09 0.00	20.44 0.92 0.00	20.03 0.86 0.00	21.77 0.90 0.00	25.08 1.10 0.00	38.69 2.16 -0.53	47.10 3.24 -0.73	38.05 2.43 -0.44	32.29 2.23 -0.32	28.41 2.05 -0.38	26.65 1.98 -0.29	25.11 1.89 -0.20	25.13 1.91 -0.20	25.17 1.96 -0.20	26.90 2.02 -0.25	32.49 2.40 -0.48	42.22 3.08 -0.18	67.54 3.61 -16.99	54.93 3.57 -5.57	37.36 2.40 -0.13	34.31 2.32 -0.28	31.75 2.14 -0.33	27.62 1.58 -0.21
MODEL_CITY_ENERGY 24167	23.60 0.71 0.00	22.45 0.65 0.00	20.15 0.62 0.00	19.80 0.63 0.00	21.40 0.52 0.00	24.93 0.96 0.00	37.08 1.08 0.00	42.41 -0.73 0.00	35.74 0.56 0.00	30.28 0.54 0.00	26.37 0.39 0.00	24.60 0.22 0.00	23.19 0.16 0.00	23.03 0.00 0.00	22.91 -0.11 0.00	24.76 0.12 0.00	29.49 -0.12 0.00	38.57 -0.39 0.00	49.47 -1.60 -4.14	45.63 -1.33 -1.16	35.10 0.28 0.00	31.08 -0.63 0.00	28.62 -0.67 0.00	25.67 -0.15 0.00
MODERN_LFGE___ 323580	23.60 0.71 0.00	22.45 0.65 0.00	20.15 0.62 0.00	19.80 0.63 0.00	21.40 0.52 0.00	24.93 0.96 0.00	37.08 1.08 0.00	42.41 -0.73 0.00	35.74 0.56 0.00	30.28 0.54 0.00	26.37 0.39 0.00	24.60 0.22 0.00	23.19 0.16 0.00	23.03 0.00 0.00	22.91 -0.11 0.00	24.76 0.12 0.00	29.49 -0.12 0.00	38.57 -0.39 0.00	49.47 -1.60 -4.14	45.63 -1.33 -1.16	35.10 0.28 0.00	31.08 -0.63 0.00	28.62 -0.67 0.00	25.67 -0.15 0.00
MOHAWK_PAPER___DRP 24187	23.69 0.80 0.00	22.56 0.76 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.52 0.65 0.00	24.74 0.77 0.00	36.99 1.55 0.56	44.48 2.11 0.77	36.33 1.62 0.47	30.78 1.37 0.34	26.80 1.22 0.40	25.20 1.12 0.31	23.87 1.06 0.21	23.90 1.08 0.21	23.89 1.08 0.21	25.53 1.16 0.26	30.52 1.42 0.51	40.80 2.03 0.19	64.99 2.39 -15.67	51.66 2.34 -3.53	36.31 1.64 0.14	32.94 1.52 0.30	30.26 1.32 0.35	26.53 0.93 0.22
MOHICAN___35_KV_115KV_LD 80490	23.90 1.01 0.00	22.76 0.96 0.00	20.58 1.05 0.00	20.12 0.96 0.00	22.08 1.21 0.00	25.51 1.53 0.00	38.43 2.92 0.48	46.40 3.93 0.67	37.87 3.10 0.40	31.89 2.44 0.29	27.76 2.13 0.35	26.02 1.90 0.26	24.52 1.68 0.18	24.59 1.75 0.18	24.57 1.73 0.18	26.25 1.85 0.23	31.30 2.13 0.44	41.91 3.12 0.16	67.12 3.85 -16.35	53.48 3.85 -3.84	37.48 2.79 0.12	33.80 2.35 0.26	30.95 1.96 0.30	27.06 1.42 0.19
MONGAUP___HYD 23641	24.33 1.44 0.00	23.17 1.37 0.00	20.72 1.19 0.00	20.28 1.11 0.00	22.10 1.23 0.00	25.29 1.32 0.00	38.83 2.41 -0.42	46.82 3.11 -0.57	38.13 2.60 -0.35	32.11 2.11 -0.25	28.17 1.90 -0.30	26.37 1.76 -0.23	24.89 1.70 -0.16	24.95 1.77 -0.16	24.97 1.80 -0.16	26.70 1.87 -0.20	32.33 2.34 -0.38	42.45 3.35 -0.14	66.12 3.85 -15.34	54.39 3.67 -4.93	37.68 2.75 -0.11	34.57 2.63 -0.22	31.86 2.31 -0.26	27.70 1.70 -0.17
MONTAUK___DIESEL 23721	41.03 2.38 -15.76	40.99 2.27 -16.92	40.78 1.89 -19.37	40.78 1.84 -19.78	39.68 2.11 -16.70	41.10 2.54 -14.59	194.79 3.82 -154.98	366.43 5.13 -318.15	301.43 4.12 -262.13	188.78 3.81 -155.22	140.09 3.64 -110.47	62.52 3.51 -34.62	49.08 3.34 -22.72	48.93 3.34 -22.56	69.21 3.34 -42.85	69.68 3.69 -41.36	74.97 4.62 -40.74	119.76 5.45 -75.35	744.22 6.38 -690.91	201.10 6.14 -149.17	132.84 4.56 -93.46	77.56 4.47 -41.37	71.30 4.16 -37.85	43.17 3.36 -13.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.49 1.60 0.00	23.28 1.48 0.00	20.95 1.43 0.00	20.64 1.48 0.00	22.38 1.50 0.00	26.30 2.33 0.00	39.02 3.02 0.00	45.30 2.16 0.00	38.17 2.99 0.00	32.33 2.59 0.00	28.13 2.16 0.00	26.26 1.88 0.00	24.71 1.68 0.00	24.50 1.47 0.00	24.33 1.31 0.00	26.28 1.65 0.00	31.36 1.75 0.00	41.22 2.26 0.00	52.37 0.94 -4.50	48.20 1.14 -1.26	37.36 2.54 0.00	32.82 1.11 0.00	30.11 0.82 0.00	26.84 1.01 0.00
MORTIMER_115KV_TB3 55949	23.55 0.66 0.00	22.32 0.52 0.00	19.99 0.47 0.00	19.63 0.46 0.00	21.35 0.48 0.00	24.79 0.82 0.00	37.04 1.04 0.00	43.44 0.30 0.00	36.17 0.99 0.00	30.49 0.74 0.00	26.50 0.52 0.00	24.78 0.39 0.00	23.39 0.37 0.00	23.28 0.25 0.00	23.23 0.21 0.00	24.98 0.34 0.00	29.85 0.24 0.00	39.16 0.19 0.00	50.68 0.09 -3.65	47.05 0.23 -1.02	35.45 0.63 0.00	31.75 0.03 0.00	29.29 0.00 0.00	26.01 0.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.81 0.94 0.00	25.15 1.17 0.00	38.84 2.30 -0.53	47.33 3.45 -0.73	38.19 2.57 -0.45	32.42 2.35 -0.32	28.57 2.21 -0.38	26.85 2.17 -0.29	25.32 2.10 -0.20	25.32 2.10 -0.20	25.33 2.12 -0.19	27.10 2.22 -0.25	32.68 2.58 -0.49	42.41 3.27 -0.18	67.85 3.80 -17.12	55.16 3.76 -5.61	37.43 2.47 -0.14	34.41 2.41 -0.28	31.87 2.26 -0.33	27.75 1.70 -0.21
MUNSVILLE_WIND_PWR 323609	25.02 2.13 0.00	23.78 1.98 0.00	21.22 1.70 0.00	21.01 1.84 0.00	22.94 2.07 0.00	26.61 2.64 0.00	40.39 4.39 0.00	48.27 5.13 0.00	39.44 4.26 0.00	33.02 3.27 0.00	28.45 2.47 0.00	26.56 2.17 0.00	25.01 1.98 0.00	24.94 1.91 0.00	24.91 1.89 0.00	26.92 2.29 0.00	32.69 3.08 0.00	43.48 4.52 0.00	59.23 5.63 -6.67	53.16 5.49 -1.87	39.52 4.70 0.00	35.58 3.87 0.00	32.60 3.31 0.00	28.59 2.77 0.00
N SALMON___HYD 24042	22.75 -0.14 0.00	21.75 -0.04 0.00	19.49 -0.04 0.00	19.20 0.04 0.00	20.98 0.10 0.00	24.05 0.07 0.00	35.67 -0.32 0.00	42.15 -0.99 0.00	34.37 -0.81 0.00	28.97 -0.77 0.00	25.35 -0.62 0.00	23.78 -0.61 0.00	22.40 -0.62 0.00	22.50 -0.53 0.00	22.51 -0.51 0.00	24.14 -0.49 0.00	29.35 -0.27 0.00	38.69 -0.27 0.00	47.03 -0.19 -0.29	45.56 -0.32 -0.08	34.61 -0.21 0.00	31.81 0.10 0.00	29.73 0.44 0.00	26.45 0.62 0.00
N.AKRON___115KV_KNAPP 355671	24.08 1.19 0.00	22.80 1.00 0.00	20.42 0.90 0.00	20.12 0.96 0.00	21.79 0.92 0.00	25.51 1.53 0.00	37.91 1.91 0.00	43.75 0.60 0.00	36.87 1.69 0.00	31.11 1.37 0.00	26.99 1.01 0.00	25.19 0.80 0.00	23.74 0.71 0.00	23.58 0.55 0.00	23.48 0.46 0.00	25.37 0.74 0.00	30.26 0.65 0.00	39.62 0.66 0.00	50.90 -0.05 -4.02	47.10 0.18 -1.12	36.07 1.25 0.00	31.94 0.22 0.00	29.44 0.15 0.00	26.32 0.49 0.00

N.BELMOR_69_KV_BK1 55787	24.29 1.40 0.00	23.13 1.33 0.00	20.62 1.09 0.00	20.20 1.03 0.00	22.06 1.19 0.00	25.54 1.46 -0.11	38.84 2.30 -0.53	47.33 3.45 -0.73	38.93 2.67 -1.07	32.60 2.44 -0.42	29.69 2.42 -1.30	27.33 2.37 -0.58	25.74 2.33 -0.39	25.74 2.33 -0.39	25.92 2.35 -0.55	27.76 2.54 -0.59	33.49 3.05 -0.82	42.72 3.58 -0.18	68.22 4.18 -17.11	55.43 4.03 -5.61	37.98 2.89 -0.27	35.05 2.89 -0.45	32.68 2.75 -0.64	28.27 2.12 -0.33
N.E_GEN_SANDY PD 24062	23.62 0.73 0.00	22.49 0.70 0.00	20.13 0.61 0.00	19.74 0.57 0.00	21.46 0.58 0.00	24.72 0.74 0.00	32.86 1.44 4.58	39.02 2.20 6.32	33.00 1.65 3.84	28.40 1.43 2.77	24.00 1.30 3.28	23.15 1.27 2.50	22.50 1.22 1.75	22.55 1.24 1.72	22.55 1.24 1.72	23.78 1.30 2.15	27.00 1.60 4.21	39.48 2.06 1.54	46.30 2.44 3.07	40.30 2.38 7.88	35.30 1.60 1.12	30.77 1.55 2.50	27.86 1.41 2.84	25.00 1.01 1.84
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.92 1.03 0.00	22.80 1.00 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.00 1.03 0.00	38.41 1.98 -0.43	46.67 2.93 -0.59	37.76 2.22 -0.36	31.97 1.96 -0.26	28.10 1.82 -0.31	26.38 1.76 -0.24	24.89 1.70 -0.16	24.89 1.70 -0.16	24.93 1.75 -0.16	26.66 1.82 -0.20	32.14 2.13 -0.40	41.91 2.81 -0.15	65.71 3.29 -15.49	54.05 3.25 -5.00	37.19 2.26 -0.11	34.07 2.12 -0.23	31.49 1.93 -0.27	27.42 1.42 -0.17
N.QUEENS_27_KV_LOAD 356247	24.08 1.19 0.00	23.00 1.20 0.00	20.42 0.90 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.00 1.03 0.00	38.62 2.09 -0.53	47.07 3.19 -0.73	38.05 2.43 -0.45	32.27 2.20 -0.32	28.51 2.16 -0.38	26.85 2.17 -0.29	25.35 2.12 -0.20	25.34 2.12 -0.20	25.42 2.19 -0.22	27.08 2.19 -0.25	32.68 2.58 -0.49	42.37 3.23 -0.18	67.62 3.57 -17.12	54.93 3.53 -5.61	37.18 2.23 -0.14	34.31 2.32 -0.28	31.79 2.17 -0.33	27.75 1.70 -0.21
N.TROY___115KV_TB1 355778	23.67 0.78 0.00	22.52 0.72 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.81 0.84 0.00	37.03 1.66 0.63	44.65 2.37 0.87	36.49 1.83 0.53	30.85 1.49 0.38	26.85 1.32 0.45	25.26 1.22 0.34	23.94 1.15 0.24	23.96 1.17 0.24	23.96 1.17 0.24	25.59 1.26 0.30	30.55 1.51 0.58	40.85 2.10 0.21	65.00 2.53 -15.54	51.66 2.47 -3.39	36.40 1.74 0.16	32.96 1.59 0.34	30.31 1.41 0.39	26.58 1.01 0.25
NARROWS_GT1_1 24228	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT1_2 24229	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT1_3 24230	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT1_4 24231	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT1_5 24232	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT1_6 24233	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT1_7 24234	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT1_8 24235	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT2_1 24236	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT2_2 24237	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21

NARROWS_GT2_3 24238	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT2_4 24239	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT2_5 24240	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT2_6 24241	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT2_7 24242	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NARROWS_GT2_8 24243	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.49 3.35 -0.18	67.80 3.76 -17.12	55.11 3.71 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.01 1.12 0.00	22.84 1.05 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.81 0.94 0.00	24.91 0.93 0.00	37.85 2.09 0.24	45.49 2.67 0.33	36.99 2.01 0.20	31.09 1.49 0.14	27.05 1.25 0.17	25.35 1.10 0.13	23.95 1.01 0.09	24.00 1.06 0.09	24.01 1.08 0.09	25.65 1.13 0.11	30.87 1.48 0.22	41.34 2.45 0.08	66.08 3.14 -16.00	52.89 2.98 -4.12	36.81 2.05 0.06	33.49 1.90 0.13	30.72 1.58 0.15	26.84 1.11 0.10
NCHELSEA_115KV_TR2 355582	24.06 1.17 0.00	22.93 1.13 0.00	20.50 0.98 0.00	20.09 0.92 0.00	21.85 0.98 0.00	25.08 1.10 0.00	38.54 2.16 -0.38	46.81 3.15 -0.52	37.89 2.39 -0.31	32.03 2.05 -0.23	28.12 1.87 -0.27	26.37 1.78 -0.21	24.90 1.73 -0.14	24.92 1.75 -0.14	24.93 1.77 -0.14	26.63 1.82 -0.18	32.18 2.22 -0.35	42.09 3.00 -0.13	66.83 3.61 -16.28	54.41 3.48 -5.14	37.32 2.40 -0.10	34.20 2.28 -0.20	31.57 2.05 -0.23	27.50 1.52 -0.15
NEG CAPITAL___MECHNVIL 23645	23.87 0.98 0.00	22.71 0.92 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.81 0.94 0.00	25.15 1.17 0.00	37.74 2.27 0.53	45.52 3.11 0.73	37.17 2.43 0.44	31.39 1.96 0.32	27.32 1.71 0.38	25.66 1.56 0.29	24.23 1.40 0.20	24.30 1.47 0.20	24.27 1.45 0.20	25.96 1.58 0.25	31.03 1.90 0.48	41.51 2.73 0.18	66.37 3.33 -16.11	52.75 3.25 -3.70	37.05 2.37 0.14	33.49 2.06 0.28	30.72 1.76 0.33	26.91 1.29 0.21
NEG CENTRAL_HIGH_ACRES 23767	23.01 0.12 0.00	21.84 0.04 0.00	19.52 0.00 0.00	19.17 0.00 0.00	20.87 0.00 0.00	24.14 0.17 0.00	36.29 0.29 0.00	42.71 -0.43 0.00	35.39 0.21 0.00	29.89 0.15 0.00	25.95 -0.03 0.00	24.26 -0.12 0.00	22.91 -0.11 0.00	22.80 -0.23 0.00	22.77 -0.25 0.00	24.46 -0.17 0.00	29.29 -0.33 0.00	38.45 -0.51 0.00	49.83 -0.70 -3.61	46.21 -0.60 -1.01	34.75 -0.07 0.00	31.24 -0.47 0.00	28.76 -0.53 0.00	25.49 -0.34 0.00
NEG CENTRAL___DRP 24199	23.67 0.78 0.00	22.49 0.70 0.00	20.11 0.59 0.00	19.76 0.59 0.00	21.56 0.69 0.00	24.98 1.01 0.00	37.44 1.44 0.00	44.39 1.25 0.00	36.55 1.37 0.00	30.99 1.25 0.00	26.91 0.94 0.00	25.19 0.80 0.00	23.72 0.69 0.00	23.65 0.62 0.00	23.60 0.58 0.00	25.32 0.69 0.00	30.38 0.77 0.00	39.90 0.94 0.00	51.66 0.89 -3.84	47.79 0.92 -1.08	36.07 1.25 0.00	32.44 0.73 0.00	29.88 0.59 0.00	26.45 0.62 0.00
NEG CENTRAL___INDECK 23768	24.49 1.60 0.00	23.26 1.46 0.00	20.79 1.27 0.00	20.41 1.25 0.00	22.23 1.36 0.00	25.89 1.92 0.00	39.10 3.10 0.00	45.69 2.54 0.00	38.03 2.85 0.00	31.95 2.20 0.00	27.59 1.61 0.00	25.70 1.32 0.00	24.04 1.01 0.00	24.04 1.01 0.00	24.01 0.99 0.00	25.89 1.26 0.00	30.12 0.50 0.00	39.74 0.78 0.00	51.97 0.61 -4.43	47.86 0.83 -1.24	36.28 1.46 0.00	32.32 0.60 0.00	30.64 1.35 0.00	27.17 1.34 0.00
NEG CENTRAL___SENECA 23627	23.85 0.96 0.00	22.65 0.85 0.00	20.25 0.72 0.00	19.91 0.75 0.00	21.73 0.86 0.00	25.22 1.25 0.00	37.76 1.76 0.00	44.65 1.51 0.00	36.83 1.65 0.00	31.29 1.55 0.00	27.15 1.17 0.00	25.39 1.00 0.00	23.90 0.87 0.00	23.81 0.78 0.00	23.73 0.71 0.00	25.52 0.89 0.00	30.62 1.01 0.00	40.09 1.13 0.00	51.99 1.03 -4.02	48.02 1.10 -1.13	36.39 1.57 0.00	32.67 0.95 0.00	30.05 0.76 0.00	26.60 0.77 0.00
NEG CENTRAL___STATE_STREET 24147	23.65 0.76 0.00	22.45 0.65 0.00	20.09 0.57 0.00	19.74 0.57 0.00	21.52 0.65 0.00	24.86 0.89 0.00	37.37 1.37 0.00	44.44 1.29 0.00	36.48 1.30 0.00	30.91 1.16 0.00	26.86 0.88 0.00	25.17 0.78 0.00	23.72 0.69 0.00	23.65 0.62 0.00	23.62 0.60 0.00	25.32 0.69 0.00	30.41 0.80 0.00	40.01 1.05 0.00	51.87 1.13 -3.81	48.01 1.14 -1.07	36.04 1.22 0.00	32.51 0.79 0.00	29.90 0.62 0.00	26.45 0.62 0.00
NEG MILLWOOD___DRP 24198	24.10 1.21 0.00	23.04 1.24 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.90 1.02 0.00	25.15 1.17 0.00	38.78 2.34 -0.44	47.16 3.41 -0.61	38.19 2.64 -0.37	32.39 2.38 -0.27	28.40 2.10 -0.32	26.58 1.95 -0.24	25.08 1.89 -0.17	25.13 1.93 -0.17	25.14 1.96 -0.17	26.88 2.04 -0.21	32.45 2.43 -0.40	42.38 3.27 -0.15	67.61 3.90 -16.79	55.02 3.85 -5.38	37.54 2.61 -0.11	34.45 2.51 -0.24	31.82 2.26 -0.27	27.68 1.68 -0.18

NEG NORTH_FLCN_SEA 23793	22.91 0.02 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.17 0.29 0.00	24.33 0.36 0.00	35.68 -0.32 0.00	41.85 -1.29 0.00	34.09 -1.09 0.00	29.06 -0.68 0.00	25.46 -0.52 0.00	23.90 -0.49 0.00	22.52 -0.51 0.00	22.66 -0.37 0.00	22.70 -0.32 0.00	24.36 -0.27 0.00	29.58 -0.03 0.00	38.57 -0.39 0.00	46.60 -0.33 0.00	45.29 -0.50 0.00	34.51 -0.31 0.00	32.06 0.35 0.00	30.14 0.85 0.00	26.78 0.96 0.00
NEG NORTH_KES_CHATEGAY 23792	22.62 -0.27 0.00	21.62 -0.17 0.00	19.39 -0.14 0.00	19.11 -0.06 0.00	20.87 0.00 0.00	23.97 0.00 0.00	35.50 -0.50 0.00	41.89 -1.25 0.00	34.13 -1.06 0.00	28.88 -0.86 0.00	25.30 -0.68 0.00	23.75 -0.63 0.00	22.40 -0.62 0.00	22.52 -0.51 0.00	22.56 -0.46 0.00	24.21 -0.42 0.00	29.38 -0.24 0.00	38.57 -0.39 0.00	46.60 -0.33 0.00	45.34 -0.46 0.00	34.51 -0.31 0.00	31.84 0.13 0.00	29.70 0.41 0.00	26.40 0.57 0.00
NEG NORTH___ALICE_FALLS 23915	22.94 0.05 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.19 0.31 0.00	24.33 0.36 0.00	35.89 -0.11 0.00	42.15 -0.99 0.00	34.34 -0.84 0.00	29.15 -0.59 0.00	25.54 -0.44 0.00	23.97 -0.41 0.00	22.59 -0.44 0.00	22.70 -0.32 0.00	22.74 -0.28 0.00	24.41 -0.22 0.00	29.67 0.06 0.00	38.88 -0.08 0.00	46.98 0.05 0.00	45.66 -0.14 0.00	34.78 -0.03 0.00	32.19 0.48 0.00	30.14 0.85 0.00	26.78 0.96 0.00
NEG NORTH___LWR_SARANAC 23913	22.94 0.05 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.19 0.31 0.00	24.33 0.36 0.00	35.89 -0.11 0.00	42.15 -0.99 0.00	34.34 -0.84 0.00	29.15 -0.59 0.00	25.54 -0.44 0.00	23.97 -0.41 0.00	22.59 -0.44 0.00	22.70 -0.32 0.00	22.74 -0.28 0.00	24.41 -0.22 0.00	29.67 0.06 0.00	38.88 -0.08 0.00	46.98 0.05 0.00	45.66 -0.14 0.00	34.78 -0.03 0.00	32.19 0.48 0.00	30.14 0.85 0.00	26.78 0.96 0.00
NEG NORTH___PLATTSBURG 23628	22.94 0.05 0.00	21.91 0.11 0.00	19.64 0.12 0.00	19.38 0.21 0.00	21.19 0.31 0.00	24.33 0.36 0.00	35.89 -0.11 0.00	42.15 -0.99 0.00	34.34 -0.84 0.00	29.15 -0.59 0.00	25.54 -0.44 0.00	23.97 -0.41 0.00	22.59 -0.44 0.00	22.70 -0.32 0.00	22.74 -0.28 0.00	24.41 -0.22 0.00	29.67 0.06 0.00	38.88 -0.08 0.00	46.98 0.05 0.00	45.66 -0.14 0.00	34.78 -0.03 0.00	32.03 0.32 0.00	30.14 0.85 0.00	26.79 0.96 0.00
NEG WEST_LEA_LOCKPORT 23791	23.81 0.92 0.00	22.56 0.76 0.00	20.23 0.70 0.00	19.95 0.79 0.00	21.58 0.71 0.00	25.27 1.29 0.00	37.40 1.40 0.00	43.01 -0.13 0.00	36.31 1.13 0.00	30.70 0.95 0.00	26.68 0.70 0.00	24.92 0.54 0.00	23.46 0.44 0.00	23.30 0.28 0.00	23.20 0.18 0.00	25.05 0.42 0.00	29.88 0.27 0.00	39.04 0.08 0.00	50.11 -0.89 -4.07	46.30 -0.64 -1.14	35.55 0.73 0.00	31.43 -0.29 0.00	29.00 -0.29 0.00	25.98 0.15 0.00
NEG WEST___LANCASTR 23811	24.17 1.28 0.00	22.89 1.09 0.00	20.54 1.02 0.00	20.24 1.07 0.00	21.92 1.04 0.00	25.68 1.70 0.00	38.05 2.05 0.00	43.92 0.78 0.00	36.94 1.76 0.00	31.29 1.55 0.00	27.23 1.25 0.00	25.43 1.05 0.00	23.95 0.92 0.00	23.79 0.76 0.00	23.66 0.64 0.00	25.54 0.91 0.00	30.47 0.86 0.00	39.97 1.01 0.00	49.81 -1.60 -4.47	45.77 -1.28 -1.25	36.39 1.57 0.00	32.09 0.38 0.00	29.58 0.29 0.00	26.55 0.72 0.00
NEG_PENN_ALLEGHNY 23528	23.81 0.92 0.00	22.67 0.87 0.00	20.28 0.76 0.00	19.93 0.77 0.00	21.69 0.81 0.00	25.05 1.08 0.00	37.73 1.73 0.00	44.82 1.68 0.00	36.73 1.55 0.00	31.09 1.34 0.00	27.07 1.09 0.00	25.36 0.98 0.00	23.90 0.87 0.00	23.85 0.83 0.00	23.83 0.81 0.00	25.54 0.91 0.00	30.65 1.04 0.00	40.36 1.40 0.00	54.80 1.22 -6.65	48.90 1.24 -1.86	36.32 1.50 0.00	32.76 1.05 0.00	30.17 0.88 0.00	26.66 0.83 0.00
NEG___GEN_MONROE 24207	23.67 0.78 0.00	22.41 0.61 0.00	20.05 0.53 0.00	19.70 0.54 0.00	21.46 0.58 0.00	24.96 0.98 0.00	37.15 1.15 0.00	43.53 0.39 0.00	36.27 1.09 0.00	30.61 0.86 0.00	26.58 0.60 0.00	24.82 0.44 0.00	23.39 0.37 0.00	23.30 0.28 0.00	23.20 0.18 0.00	24.95 0.32 0.00	29.79 0.18 0.00	39.08 0.12 0.00	50.51 -0.09 -3.67	47.05 0.23 -1.03	35.55 0.73 0.00	31.78 0.06 0.00	29.26 -0.03 0.00	26.01 0.18 0.00
NEPA___ENERGY 23901	24.24 1.35 0.00	22.97 1.18 0.00	20.64 1.11 0.00	20.32 1.15 0.00	22.00 1.13 0.00	25.75 1.77 0.00	38.20 2.20 0.00	44.18 1.04 0.00	37.36 2.18 0.00	31.65 1.90 0.00	27.56 1.58 0.00	25.73 1.34 0.00	24.22 1.20 0.00	24.08 1.06 0.00	23.96 0.94 0.00	25.84 1.21 0.00	30.83 1.21 0.00	40.40 1.44 0.00	51.55 0.09 -4.53	47.38 0.32 -1.27	36.80 1.98 0.00	32.48 0.76 0.00	29.93 0.64 0.00	26.76 0.93 0.00
NEVERSINK___HYD 23608	24.19 1.30 0.00	23.04 1.24 0.00	20.60 1.07 0.00	20.20 1.03 0.00	22.00 1.13 0.00	25.24 1.27 0.00	38.58 2.34 -0.25	46.76 3.28 -0.34	37.95 2.57 -0.21	31.95 2.05 -0.15	28.00 1.84 -0.18	26.28 1.76 -0.13	24.82 1.70 -0.09	24.85 1.73 -0.09	24.86 1.75 -0.09	26.57 1.82 -0.12	32.09 2.25 -0.23	42.16 3.12 -0.08	64.64 3.80 -13.91	53.73 3.67 -4.27	37.46 2.58 -0.06	34.25 2.41 -0.13	31.61 2.17 -0.15	27.56 1.63 -0.10
NEWKRMKL_115KV_TB1 55635	23.58 0.69 0.00	22.45 0.65 0.00	20.09 0.57 0.00	19.68 0.52 0.00	21.37 0.50 0.00	24.52 0.55 0.00	36.72 1.22 0.50	44.04 1.60 0.70	35.92 1.16 0.42	30.48 1.04 0.31	26.55 0.94 0.36	24.99 0.88 0.28	23.66 0.83 0.19	23.67 0.83 0.19	23.68 0.85 0.19	25.28 0.89 0.24	30.22 1.07 0.46	40.31 1.52 0.17	64.64 1.83 -15.88	51.26 1.79 -3.68	35.87 1.18 0.13	32.62 1.17 0.27	30.00 1.03 0.31	26.30 0.67 0.20
NEWTON___FALLS_HYD 23847	22.75 -0.14 0.00	21.67 -0.13 0.00	19.37 -0.16 0.00	19.09 -0.08 0.00	20.77 -0.10 0.00	23.78 -0.19 0.00	35.57 -0.43 0.00	42.45 -0.69 0.00	34.55 -0.63 0.00	28.97 -0.77 0.00	25.17 -0.81 0.00	23.53 -0.85 0.00	22.17 -0.85 0.00	22.15 -0.87 0.00	22.15 -0.87 0.00	23.80 -0.84 0.00	28.84 -0.77 0.00	38.26 -0.70 0.00	47.29 -0.52 -0.87	45.49 -0.55 -0.24	34.40 -0.42 0.00	31.46 -0.25 0.00	29.20 -0.09 0.00	25.83 0.00 0.00
NGRID_A1_DSASP 323792	23.28 0.39 0.00	22.12 0.33 0.00	19.86 0.33 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.60 0.62 0.00	36.47 0.47 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.63 -0.39 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.83 -1.13 0.00	48.63 -2.49 -4.19	44.82 -2.15 -1.17	34.44 -0.38 0.00	30.51 -1.21 0.00	28.09 -1.20 0.00	25.24 -0.59 0.00
NGRID_A2_DSASP 323793	23.28 0.39 0.00	22.12 0.33 0.00	19.86 0.33 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.60 0.62 0.00	36.47 0.47 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.63 -0.39 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.83 -1.13 0.00	48.63 -2.49 -4.19	44.82 -2.15 -1.17	34.44 -0.38 0.00	30.51 -1.21 0.00	28.09 -1.20 0.00	25.24 -0.59 0.00

NGRID_A4_DSASP 323807	23.28 0.39 0.00	22.12 0.33 0.00	19.86 0.33 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.60 0.62 0.00	36.47 0.47 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.63 -0.39 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.83 -1.13 0.00	48.63 -2.49 -4.19	44.82 -2.15 -1.17	34.44 -0.38 0.00	30.51 -1.21 0.00	28.09 -1.20 0.00	25.24 -0.59 0.00
NIAGARA_115E_LBMP 323715	23.51 0.62 0.00	22.34 0.55 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.31 0.44 0.00	24.81 0.84 0.00	36.86 0.86 0.00	42.11 -1.04 0.00	35.50 0.32 0.00	30.07 0.33 0.00	26.19 0.21 0.00	24.43 0.05 0.00	23.02 0.00 0.00	22.89 -0.14 0.00	22.77 -0.25 0.00	24.58 -0.05 0.00	29.29 -0.33 0.00	38.30 -0.66 0.00	49.13 -1.97 -4.17	45.27 -1.69 -1.17	34.85 0.03 0.00	30.89 -0.82 0.00	28.41 -0.88 0.00	25.52 -0.31 0.00
NIAGARA_115W_LBMP 323714	23.21 0.32 0.00	22.06 0.26 0.00	19.80 0.27 0.00	19.43 0.27 0.00	21.04 0.17 0.00	24.52 0.55 0.00	36.36 0.36 0.00	41.46 -1.68 0.00	34.94 -0.24 0.00	29.63 -0.12 0.00	25.82 -0.15 0.00	24.12 -0.27 0.00	22.72 -0.30 0.00	22.57 -0.46 0.00	22.47 -0.55 0.00	24.24 -0.40 0.00	28.87 -0.74 0.00	37.71 -1.25 0.00	48.54 -2.58 -4.19	44.68 -2.29 -1.17	34.33 -0.49 0.00	30.41 -1.30 0.00	28.00 -1.29 0.00	25.16 -0.67 0.00
NIAGARA_230_LBMP 323716	23.51 0.62 0.00	22.36 0.57 0.00	20.05 0.53 0.00	19.70 0.54 0.00	21.33 0.46 0.00	24.83 0.86 0.00	36.86 0.86 0.00	42.11 -1.04 0.00	35.43 0.25 0.00	30.04 0.30 0.00	26.19 0.21 0.00	24.46 0.07 0.00	23.05 0.02 0.00	22.89 -0.14 0.00	22.79 -0.23 0.00	24.58 -0.05 0.00	29.29 -0.33 0.00	38.26 -0.70 0.00	49.18 -1.93 -4.18	45.27 -1.69 -1.17	34.82 0.00 0.00	30.89 -0.82 0.00	28.44 -0.85 0.00	25.52 -0.31 0.00
NIAGARA__115KV_198_GIBSON 55903	23.21 0.32 0.00	21.99 0.20 0.00	19.74 0.21 0.00	19.43 0.27 0.00	21.04 0.17 0.00	24.62 0.65 0.00	36.22 0.22 0.00	41.46 -1.68 0.00	34.97 -0.21 0.00	29.63 -0.12 0.00	25.82 -0.16 0.00	24.12 -0.27 0.00	22.73 -0.30 0.00	22.59 -0.44 0.00	22.47 -0.55 0.00	24.26 -0.37 0.00	28.87 -0.74 0.00	37.64 -1.32 0.00	48.54 -2.58 -4.19	44.73 -2.24 -1.17	34.26 -0.56 0.00	30.32 -1.40 0.00	28.00 -1.29 0.00	25.16 -0.67 0.00
NIAGARA____ 23760	23.51 0.62 0.00	22.36 0.57 0.00	20.05 0.53 0.00	19.70 0.54 0.00	21.33 0.46 0.00	24.83 0.86 0.00	36.86 0.86 0.00	42.11 -1.04 0.00	35.43 0.25 0.00	30.04 0.30 0.00	26.19 0.21 0.00	24.46 0.07 0.00	23.05 0.02 0.00	22.89 -0.14 0.00	22.79 -0.23 0.00	24.58 -0.05 0.00	29.29 -0.33 0.00	38.26 -0.70 0.00	49.18 -1.93 -4.18	45.27 -1.69 -1.17	34.82 0.00 0.00	30.89 -0.82 0.00	28.44 -0.85 0.00	25.52 -0.31 0.00
NINE_MILE_1 23575	22.55 -0.34 0.00	21.47 -0.33 0.00	19.21 -0.31 0.00	18.86 -0.31 0.00	20.54 -0.33 0.00	23.59 -0.38 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.34 -0.84 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.57 0.00	22.43 -0.60 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.78 -0.83 0.00	37.83 -1.13 0.00	47.81 -1.41 -2.29	45.06 -1.37 -0.64	33.91 -0.91 0.00	30.79 -0.92 0.00	28.41 -0.88 0.00	25.18 -0.64 0.00
NINE_MILE_2 23744	22.55 -0.34 0.00	21.47 -0.33 0.00	19.21 -0.31 0.00	18.86 -0.31 0.00	20.54 -0.33 0.00	23.59 -0.38 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.34 -0.84 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.57 0.00	22.43 -0.60 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.78 -0.83 0.00	37.83 -1.13 0.00	47.80 -1.41 -2.28	45.06 -1.37 -0.64	33.91 -0.91 0.00	30.79 -0.92 0.00	28.41 -0.88 0.00	25.18 -0.64 0.00
NM_CAPITAL____DRP 24208	23.60 0.71 0.00	22.45 0.65 0.00	20.11 0.59 0.00	19.70 0.54 0.00	21.40 0.52 0.00	24.57 0.60 0.00	36.74 1.30 0.56	44.10 1.73 0.77	35.98 1.27 0.47	30.54 1.13 0.34	26.59 1.01 0.40	25.01 0.93 0.30	23.69 0.87 0.21	23.71 0.90 0.21	23.73 0.92 0.21	25.33 0.96 0.26	30.28 1.18 0.51	40.41 1.64 0.19	64.52 1.97 -15.62	51.24 1.92 -3.52	35.96 1.29 0.14	32.68 1.27 0.30	30.06 1.11 0.35	26.35 0.75 0.22
NM_CENTRAL____DRP 24181	23.14 0.25 0.00	21.99 0.20 0.00	19.68 0.16 0.00	19.34 0.17 0.00	21.06 0.19 0.00	24.21 0.24 0.00	36.25 0.25 0.00	43.23 0.09 0.00	35.43 0.25 0.00	29.95 0.21 0.00	26.13 0.16 0.00	24.53 0.15 0.00	23.16 0.14 0.00	23.12 0.09 0.00	23.09 0.07 0.00	24.73 0.10 0.00	29.64 0.03 0.00	38.92 -0.04 0.00	49.90 -0.14 -3.11	46.58 -0.09 -0.87	34.96 0.14 0.00	31.65 -0.06 0.00	29.17 -0.12 0.00	25.80 -0.03 0.00
NM_FRONTIER____DRP 24179	23.21 0.32 0.00	21.99 0.20 0.00	19.74 0.21 0.00	19.43 0.27 0.00	21.04 0.17 0.00	24.62 0.65 0.00	36.22 0.22 0.00	41.46 -1.68 0.00	34.97 -0.21 0.00	29.63 -0.12 0.00	25.82 -0.16 0.00	24.12 -0.27 0.00	22.73 -0.30 0.00	22.59 -0.44 0.00	22.47 -0.55 0.00	24.26 -0.37 0.00	28.87 -0.74 0.00	37.64 -1.32 0.00	48.54 -2.58 -4.19	44.73 -2.24 -1.17	34.26 -0.56 0.00	30.32 -1.40 0.00	28.00 -1.29 0.00	25.16 -0.67 0.00
NM_ST_REGIS____HYD 24053	22.57 -0.32 0.00	21.54 -0.26 0.00	19.29 -0.23 0.00	18.99 -0.17 0.00	20.69 -0.19 0.00	23.61 -0.36 0.00	35.06 -0.94 0.00	41.63 -1.51 0.00	33.84 -1.34 0.00	28.44 -1.31 0.00	24.81 -1.17 0.00	23.24 -1.15 0.00	21.87 -1.15 0.00	21.92 -1.11 0.00	21.92 -1.10 0.00	23.50 -1.13 0.00	28.55 -1.07 0.00	37.75 -1.21 0.00	46.21 -1.17 -0.46	44.64 -1.28 -0.13	33.84 -0.97 0.00	31.14 -0.57 0.00	29.11 -0.18 0.00	25.88 0.05 0.00
NORTHPORT____1 23551	24.08 1.19 0.00	22.89 1.09 0.00	20.40 0.88 0.00	20.01 0.84 0.00	21.83 0.96 0.00	25.39 1.29 -0.12	38.04 1.51 -0.53	43.45 2.59 2.28	38.37 1.97 -1.22	32.18 1.99 -0.44	29.60 2.10 -1.52	27.13 2.10 -0.64	25.51 2.05 -0.43	25.71 2.26 -0.43	25.66 2.00 -0.64	27.56 2.24 -0.68	33.28 2.75 -0.91	40.37 2.69 1.28	51.63 3.14 -1.56	44.91 3.02 3.91	36.99 2.09 -0.08	34.61 2.41 -0.48	32.56 2.55 -0.72	28.10 1.91 -0.36
NORTHPORT____2 23552	24.08 1.19 0.00	22.89 1.09 0.00	20.40 0.88 0.00	20.01 0.84 0.00	21.83 0.96 0.00	25.39 1.29 -0.12	38.04 1.51 -0.53	43.45 2.59 2.28	38.37 1.97 -1.22	32.18 1.99 -0.44	29.60 2.10 -1.52	27.13 2.10 -0.64	25.51 2.05 -0.43	25.71 2.26 -0.43	25.66 2.00 -0.64	27.56 2.24 -0.68	33.28 2.75 -0.91	40.37 2.69 1.28	51.63 3.14 -1.56	44.91 3.02 3.91	36.99 2.09 -0.08	34.61 2.41 -0.48	32.56 2.55 -0.72	28.10 1.91 -0.36
NORTHPORT____3 23553	23.76 1.67 0.80	22.51 1.57 0.86	19.85 1.31 0.99	19.42 1.26 1.01	21.44 1.42 0.85	26.07 1.77 -0.32	31.23 2.56 7.33	31.68 3.75 15.21	31.29 3.06 6.95	25.96 2.80 6.58	31.94 2.70 -3.26	28.20 2.63 -1.18	26.34 2.53 -0.78	26.43 2.62 -0.78	26.86 2.53 -1.31	28.67 2.71 -1.33	34.38 3.23 -1.54	39.07 3.70 3.60	34.51 4.31 16.74	48.40 4.21 1.60	34.57 3.06 3.31	34.49 3.08 0.30	33.56 2.96 -1.31	28.73 2.33 -0.57

NORTHPORT___4 23650	23.76 1.67 0.80	22.51 1.57 0.86	19.85 1.31 0.99	19.42 1.26 1.01	21.44 1.42 0.85	26.07 1.77 -0.32	31.23 2.56 7.33	31.68 3.75 15.21	31.29 3.06 6.95	25.96 2.80 6.58	31.94 2.70 -3.26	28.20 2.63 -1.18	26.34 2.53 -0.78	26.43 2.62 -0.78	26.86 2.53 -1.31	28.67 2.71 -1.33	34.38 3.23 -1.54	39.07 3.70 3.60	34.51 4.31 16.74	48.40 4.21 1.60	34.57 3.06 3.31	34.49 3.08 0.30	33.56 2.96 -1.31	28.73 2.33 -0.57
NORTHPORT___IC 23718	24.08 1.19 0.00	22.89 1.09 0.00	20.40 0.88 0.00	20.01 0.84 0.00	21.83 0.96 0.00	25.39 1.29 -0.12	38.04 1.51 -0.53	43.45 2.59 2.28	38.37 1.97 -1.22	32.18 1.99 -0.44	29.60 2.10 -1.52	27.13 2.10 -0.64	25.51 2.05 -0.43	25.71 2.26 -0.43	25.66 2.00 -0.64	27.56 2.24 -0.68	33.28 2.75 -0.91	40.37 2.69 1.28	51.63 3.14 -1.56	44.91 3.02 3.91	36.99 2.09 -0.08	34.61 2.41 -0.48	32.56 2.55 -0.72	28.10 1.91 -0.36
NORTH___COUNTRY_ESR 323785	22.52 -0.37 0.00	21.54 -0.26 0.00	19.31 -0.21 0.00	19.05 -0.11 0.00	20.81 -0.06 0.00	23.90 -0.07 0.00	35.35 -0.65 0.00	41.72 -1.42 0.00	33.99 -1.20 0.00	28.79 -0.95 0.00	25.25 -0.73 0.00	23.68 -0.71 0.00	22.33 -0.69 0.00	22.45 -0.57 0.00	22.49 -0.53 0.00	24.14 -0.49 0.00	29.26 -0.35 0.00	38.42 -0.55 0.00	46.42 -0.52 0.00	45.15 -0.64 0.00	34.37 -0.45 0.00	31.59 -0.13 0.00	29.61 0.32 0.00	26.29 0.47 0.00
NPX_GEN_1385_PROXY 323591	23.99 1.10 0.00	22.69 0.89 0.00	20.23 0.70 0.00	19.84 0.67 0.00	21.65 0.77 0.00	25.27 1.17 -0.12	37.58 1.04 -0.53	42.89 2.03 2.28	37.95 1.55 -1.22	31.56 1.37 -0.44	27.00 1.30 0.28	24.66 1.34 1.07	24.79 1.33 -0.43	25.11 2.05 -0.04	24.99 1.33 -0.64	26.94 1.63 -0.68	32.80 2.28 -0.91	39.86 2.18 1.28	51.02 2.53 -1.56	44.22 2.33 3.91	36.59 1.64 -0.13	33.98 1.84 -0.43	32.12 2.11 -0.72	27.71 1.52 -0.36
NPX_GEN_CSC 323557	40.46 1.76 -15.81	40.43 1.66 -16.98	40.34 1.39 -19.43	40.34 1.34 -19.84	39.15 1.52 -16.75	40.54 1.94 -14.63	194.12 2.66 -155.46	366.17 3.88 -319.14	301.18 3.06 -262.94	188.34 2.88 -155.71	139.63 2.86 -110.80	61.88 2.78 -34.72	48.48 2.67 -22.78	48.51 2.85 -22.63	68.64 2.65 -42.98	69.05 2.93 -41.49	74.09 3.61 -40.86	118.56 4.01 -75.58	744.67 4.74 -693.01	199.99 4.58 -149.62	131.93 3.31 -93.80	76.58 3.43 -41.44	70.57 3.31 -37.97	42.47 2.61 -14.03
NSINS_S_GLNS_FALLS 23858	23.90 1.01 0.00	22.73 0.94 0.00	20.60 1.07 0.00	20.12 0.96 0.00	22.11 1.23 0.00	25.56 1.58 0.00	38.51 2.99 0.48	46.45 3.97 0.66	37.95 3.17 0.40	31.95 2.50 0.29	27.79 2.16 0.34	26.07 1.95 0.26	24.57 1.73 0.18	24.62 1.77 0.18	24.59 1.75 0.18	26.30 1.90 0.23	31.33 2.16 0.44	41.92 3.12 0.16	67.20 3.90 -16.37	53.50 3.85 -3.85	37.52 2.82 0.12	33.81 2.35 0.26	30.96 1.96 0.30	27.06 1.42 0.19
NUCOR_STEEL___DRP 24197	23.67 0.78 0.00	22.49 0.70 0.00	20.11 0.59 0.00	19.76 0.59 0.00	21.54 0.67 0.00	24.86 0.89 0.00	37.37 1.37 0.00	44.39 1.25 0.00	36.41 1.23 0.00	30.85 1.10 0.00	26.81 0.83 0.00	25.12 0.73 0.00	23.67 0.64 0.00	23.62 0.60 0.00	23.60 0.58 0.00	25.30 0.67 0.00	30.35 0.74 0.00	39.97 1.01 0.00	51.75 1.08 -3.74	47.94 1.10 -1.05	36.00 1.18 0.00	32.51 0.79 0.00	29.90 0.62 0.00	26.47 0.65 0.00
NUMBER_THREE_WT_PWR 323818	23.19 0.30 0.00	22.04 0.24 0.00	19.70 0.18 0.00	19.41 0.25 0.00	21.17 0.29 0.00	24.33 0.36 0.00	36.61 0.61 0.00	43.87 0.73 0.00	35.78 0.60 0.00	29.98 0.24 0.00	26.00 0.03 0.00	24.31 -0.07 0.00	22.89 -0.14 0.00	22.84 -0.19 0.00	22.84 -0.18 0.00	24.56 -0.07 0.00	29.76 0.15 0.00	39.47 0.51 0.00	49.06 0.99 -1.14	47.03 0.92 -0.32	35.58 0.77 0.00	32.35 0.63 0.00	29.84 0.56 0.00	26.27 0.44 0.00
NYISO_LBMP_REFERENCE 24008	22.89 0.00 0.00	21.80 0.00 0.00	19.52 0.00 0.00	19.17 0.00 0.00	20.87 0.00 0.00	23.97 0.00 0.00	36.00 0.00 0.00	43.14 0.00 0.00	35.18 0.00 0.00	29.75 0.00 0.00	25.98 0.00 0.00	24.39 0.00 0.00	23.02 0.00 0.00	23.03 0.00 0.00	23.02 0.00 0.00	24.63 0.00 0.00	29.61 0.00 0.00	38.96 0.00 0.00	46.93 0.00 0.00	45.80 0.00 0.00	34.82 0.00 0.00	31.71 0.00 0.00	29.29 0.00 0.00	25.83 0.00 0.00
NYPA_BRENTWD___GT 24164	25.70 1.21 -1.59	24.64 1.13 -1.71	22.38 0.90 -1.96	22.03 0.86 -2.00	23.56 1.00 -1.69	27.02 1.37 -1.68	53.73 1.58 -16.15	79.26 2.76 -33.35	65.85 2.11 -28.55	48.20 2.02 -16.43	41.69 2.23 -13.47	30.98 2.22 -4.37	28.05 2.14 -2.88	28.21 2.32 -2.86	30.41 2.12 -5.27	32.12 2.34 -5.15	37.83 2.93 -5.28	49.79 2.92 -7.90	136.71 3.42 -86.35	69.45 3.30 -20.36	47.14 2.33 -9.99	39.23 2.69 -4.82	36.75 2.67 -4.80	29.70 2.02 -1.86
NYPA_GOWANUS___GT5 24156	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.45 3.31 -0.18	67.80 3.76 -17.12	55.07 3.67 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NYPA_GOWANUS___GT6 24157	24.10 1.21 0.00	23.00 1.20 0.00	20.44 0.92 0.00	20.01 0.84 0.00	21.81 0.94 0.00	25.12 1.15 0.00	38.76 2.23 -0.52	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.79 2.69 -0.49	42.45 3.31 -0.18	67.80 3.76 -17.12	55.07 3.67 -5.61	37.35 2.40 -0.13	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
NYPA_HARLEM__RVR__GT1 24160	24.06 1.17 0.00	22.95 1.15 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.73 0.86 0.00	25.00 1.03 0.00	38.54 2.01 -0.52	47.01 3.15 -0.73	37.98 2.36 -0.44	32.20 2.14 -0.31	28.45 2.10 -0.37	26.77 2.10 -0.28	25.27 2.05 -0.19	25.29 2.07 -0.19	25.32 2.09 -0.21	27.02 2.14 -0.24	32.58 2.49 -0.48	42.25 3.12 -0.17	67.51 3.47 -17.11	54.83 3.44 -5.60	37.11 2.16 -0.13	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
NYPA_HARLEM__RVR__GT2 24161	24.06 1.17 0.00	22.95 1.15 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.73 0.86 0.00	25.00 1.03 0.00	38.54 2.01 -0.52	47.01 3.15 -0.73	37.98 2.36 -0.44	32.20 2.14 -0.31	28.45 2.10 -0.37	26.77 2.10 -0.28	25.27 2.05 -0.19	25.29 2.07 -0.19	25.32 2.09 -0.21	27.02 2.14 -0.24	32.58 2.49 -0.48	42.25 3.12 -0.17	67.51 3.47 -17.11	54.83 3.44 -5.60	37.11 2.16 -0.13	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
NYPA_KENT___GT 24152	24.08 1.19 0.00	22.95 1.15 0.00	20.42 0.90 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.12 1.15 0.00	38.72 2.20 -0.52	47.28 3.41 -0.73	38.19 2.57 -0.45	32.39 2.32 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.37 2.14 -0.20	25.41 2.19 -0.20	25.42 2.19 -0.22	27.15 2.26 -0.25	32.74 2.63 -0.49	42.41 3.27 -0.18	67.76 3.71 -17.12	55.02 3.62 -5.61	37.32 2.37 -0.13	34.41 2.41 -0.28	31.90 2.29 -0.33	27.77 1.73 -0.21

NYPA_POUCH1____GT 24155	24.13 1.24 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.03 0.86 0.00	21.83 0.96 0.00	25.15 1.17 0.00	38.79 2.27 -0.52	47.37 3.49 -0.73	38.27 2.64 -0.45	32.45 2.38 -0.32	28.65 2.29 -0.38	26.94 2.27 -0.29	25.42 2.19 -0.20	25.46 2.23 -0.20	25.47 2.23 -0.22	27.20 2.31 -0.25	32.82 2.72 -0.49	42.45 3.31 -0.18	67.66 3.76 -16.98	54.74 3.67 -5.28	37.31 2.40 -0.09	34.47 2.48 -0.28	31.99 2.37 -0.33	27.85 1.81 -0.21
NYPA_VERNON____GT2 24162	24.03 1.14 0.00	22.93 1.13 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	38.68 2.16 -0.52	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.20 -0.29	25.34 2.12 -0.20	25.39 2.16 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.28 2.33 -0.13	34.38 2.38 -0.28	31.84 2.22 -0.33	27.75 1.70 -0.21
NYPA_VERNON____GT3 24163	24.03 1.14 0.00	22.93 1.13 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	38.68 2.16 -0.52	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.20 -0.29	25.34 2.12 -0.20	25.39 2.16 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.28 2.33 -0.13	34.38 2.38 -0.28	31.84 2.22 -0.33	27.75 1.70 -0.21
NYPA____ASTORIA_CC1 323568	24.03 1.14 0.00	22.91 1.11 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.65 2.12 -0.52	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.09 -0.20	25.34 2.12 -0.20	25.35 2.12 -0.22	27.10 2.22 -0.25	32.68 2.57 -0.49	42.34 3.20 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.21 2.26 -0.13	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
NYPA____ASTORIA_CC2 323569	24.03 1.14 0.00	22.91 1.11 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.65 2.12 -0.52	47.20 3.32 -0.73	38.12 2.50 -0.45	32.33 2.26 -0.32	28.54 2.18 -0.38	26.85 2.17 -0.29	25.32 2.09 -0.20	25.34 2.12 -0.20	25.35 2.12 -0.22	27.10 2.22 -0.25	32.68 2.57 -0.49	42.34 3.20 -0.18	67.66 3.61 -17.12	54.98 3.57 -5.61	37.21 2.26 -0.13	34.34 2.35 -0.28	31.82 2.20 -0.33	27.72 1.68 -0.21
NYPA____HOLTSVILL 23794	40.22 1.51 -15.82	40.20 1.42 -16.99	40.14 1.17 -19.44	40.15 1.13 -19.86	38.91 1.27 -16.77	40.26 1.65 -14.63	193.79 2.20 -155.59	365.97 3.41 -319.42	300.98 2.67 -263.12	188.11 2.53 -155.84	139.33 2.52 -110.83	61.61 2.49 -34.73	48.21 2.39 -22.79	48.24 2.58 -22.64	68.41 2.39 -42.99	68.74 2.61 -41.50	73.66 3.17 -40.88	118.00 3.39 -75.65	744.51 3.99 -693.59	199.39 3.85 -149.74	131.39 2.75 -93.82	76.18 2.95 -41.52	70.20 2.93 -37.98	42.14 2.27 -14.04
NYPA____HELLGATE_GT1 24158	24.06 1.17 0.00	22.95 1.15 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.73 0.86 0.00	25.00 1.03 0.00	38.50 1.98 -0.52	46.98 3.11 -0.73	37.94 2.32 -0.44	32.20 2.14 -0.31	28.45 2.10 -0.37	26.77 2.10 -0.28	25.27 2.05 -0.19	25.29 2.07 -0.19	25.32 2.09 -0.21	27.02 2.14 -0.24	32.58 2.49 -0.48	42.21 3.08 -0.17	67.51 3.47 -17.11	54.79 3.39 -5.60	37.07 2.12 -0.13	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
NYPA____HELLGATE_GT2 24159	24.06 1.17 0.00	22.95 1.15 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.73 0.86 0.00	25.00 1.03 0.00	38.50 1.98 -0.52	46.98 3.11 -0.73	37.94 2.32 -0.44	32.20 2.14 -0.31	28.45 2.10 -0.37	26.77 2.10 -0.28	25.27 2.05 -0.19	25.29 2.07 -0.19	25.32 2.09 -0.21	27.02 2.14 -0.24	32.58 2.49 -0.48	42.21 3.08 -0.17	67.51 3.47 -17.11	54.79 3.39 -5.60	37.07 2.12 -0.13	34.25 2.25 -0.28	31.73 2.11 -0.33	27.72 1.68 -0.21
NYS_BARGE____HYD 23848	23.81 0.92 0.00	22.63 0.83 0.00	20.32 0.80 0.00	19.95 0.79 0.00	21.58 0.71 0.00	25.15 1.17 0.00	37.51 1.51 0.00	43.01 -0.13 0.00	36.27 1.09 0.00	30.67 0.92 0.00	26.68 0.70 0.00	24.90 0.51 0.00	23.46 0.44 0.00	23.28 0.25 0.00	23.18 0.16 0.00	25.03 0.39 0.00	29.85 0.24 0.00	39.12 0.16 0.00	50.02 -0.99 -4.07	46.20 -0.73 -1.14	35.58 0.77 0.00	31.49 -0.22 0.00	28.97 -0.32 0.00	25.96 0.13 0.00
OAK ORCHARD____HYD 24046	23.55 0.66 0.00	22.36 0.57 0.00	20.01 0.49 0.00	19.62 0.46 0.00	21.35 0.48 0.00	24.74 0.77 0.00	37.12 1.12 0.00	43.45 0.30 0.00	36.13 0.95 0.00	30.49 0.74 0.00	26.50 0.52 0.00	24.77 0.39 0.00	23.39 0.37 0.00	23.28 0.25 0.00	23.23 0.21 0.00	24.98 0.34 0.00	29.85 0.24 0.00	39.20 0.24 0.00	50.63 0.05 -3.65	47.00 0.18 -1.02	35.48 0.66 0.00	31.81 0.10 0.00	29.29 0.00 0.00	26.01 0.18 0.00
OAKDALE__35_KV_LOAD 356122	23.71 0.82 0.00	22.56 0.76 0.00	20.21 0.68 0.00	19.86 0.69 0.00	21.60 0.73 0.00	24.96 0.98 0.00	37.48 1.48 0.00	44.57 1.42 0.00	36.52 1.34 0.00	30.94 1.19 0.00	26.94 0.96 0.00	25.24 0.85 0.00	23.81 0.78 0.00	23.76 0.74 0.00	23.73 0.71 0.00	25.45 0.81 0.00	30.53 0.92 0.00	40.13 1.17 0.00	54.55 0.99 -6.64	48.71 1.05 -1.86	36.11 1.29 0.00	32.57 0.86 0.00	30.02 0.73 0.00	26.53 0.70 0.00
OCC_CHEM____DRP 24175	23.28 0.39 0.00	22.06 0.26 0.00	19.80 0.27 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.69 0.72 0.00	36.32 0.32 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.66 -0.37 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.75 -1.21 0.00	48.68 -2.44 -4.19	44.82 -2.15 -1.17	34.40 -0.42 0.00	30.41 -1.30 0.00	28.09 -1.20 0.00	25.23 -0.59 0.00
OH_GEN_PROXY 24063	23.51 0.62 0.00	22.36 0.57 0.00	20.05 0.53 0.00	19.70 0.54 0.00	21.33 0.46 0.00	24.83 0.86 0.00	36.90 0.90 0.00	42.19 -0.95 0.00	35.50 0.32 0.00	30.10 0.36 0.00	26.24 0.26 0.00	24.48 0.10 0.00	23.07 0.05 0.00	22.93 -0.09 0.00	22.84 -0.18 0.00	24.63 0.00 0.00	29.35 -0.27 0.00	38.34 -0.62 0.00	49.28 -1.83 -4.18	45.41 -1.56 -1.17	34.94 0.07 -0.05	30.90 -0.76 0.05	28.50 -0.79 0.00	25.55 -0.28 0.00
OLIN_CORP_DRP 24177	23.53 0.64 0.00	22.32 0.52 0.00	20.01 0.49 0.00	19.74 0.57 0.00	21.33 0.46 0.00	24.98 1.01 0.00	36.76 0.76 0.00	42.15 -0.99 0.00	35.57 0.39 0.00	30.10 0.36 0.00	26.21 0.23 0.00	24.48 0.10 0.00	23.07 0.05 0.00	22.91 -0.12 0.00	22.81 -0.21 0.00	24.63 0.00 0.00	29.35 -0.27 0.00	38.26 -0.70 0.00	49.24 -1.88 -4.19	45.41 -1.56 -1.17	34.85 0.03 0.00	30.83 -0.89 0.00	28.47 -0.82 0.00	25.54 -0.28 0.00
OLIN_CORP_DSASP 323712	23.28 0.39 0.00	22.12 0.33 0.00	19.86 0.33 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.60 0.62 0.00	36.47 0.47 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.63 -0.39 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.83 -1.13 0.00	48.63 -2.49 -4.19	44.82 -2.15 -1.17	34.44 -0.38 0.00	30.51 -1.21 0.00	28.09 -1.20 0.00	25.24 -0.59 0.00

ONEIDA_HERK_LFGE 323681	23.42 0.53 0.00	22.26 0.46 0.00	19.91 0.39 0.00	19.61 0.44 0.00	21.37 0.50 0.00	24.60 0.62 0.00	37.04 1.04 0.00	44.43 1.29 0.00	36.31 1.13 0.00	30.52 0.77 0.00	26.50 0.52 0.00	24.80 0.41 0.00	23.39 0.37 0.00	23.35 0.32 0.00	23.32 0.30 0.00	25.05 0.42 0.00	30.26 0.65 0.00	40.05 1.09 0.00	49.37 1.50 -0.94	47.52 1.47 -0.26	36.00 1.18 0.00	32.70 0.98 0.00	30.14 0.85 0.00	26.50 0.67 0.00
ONEIDA___115KV_TB4 55905	23.78 0.89 0.00	22.60 0.81 0.00	20.21 0.68 0.00	19.89 0.73 0.00	21.69 0.81 0.00	24.98 1.01 0.00	37.66 1.66 0.00	45.13 1.98 0.00	36.87 1.69 0.00	31.05 1.31 0.00	26.97 0.99 0.00	25.24 0.85 0.00	23.81 0.78 0.00	23.76 0.74 0.00	23.73 0.71 0.00	25.49 0.86 0.00	30.77 1.15 0.00	40.68 1.71 0.00	50.65 2.16 -1.56	48.34 2.11 -0.44	36.56 1.74 0.00	33.14 1.43 0.00	30.52 1.23 0.00	26.84 1.01 0.00
ONONDAGA_REF_OCCRA 23987	23.28 0.39 0.00	22.12 0.33 0.00	19.80 0.27 0.00	19.43 0.27 0.00	21.19 0.31 0.00	24.38 0.41 0.00	36.54 0.54 0.00	43.62 0.47 0.00	35.71 0.53 0.00	30.19 0.45 0.00	26.32 0.34 0.00	24.70 0.32 0.00	23.30 0.28 0.00	23.26 0.23 0.00	23.23 0.21 0.00	24.90 0.27 0.00	29.85 0.24 0.00	39.27 0.31 0.00	50.66 0.28 -3.45	47.04 0.27 -0.97	35.27 0.45 0.00	31.90 0.19 0.00	29.41 0.12 0.00	26.01 0.18 0.00
ONONDAGA___COGEN 23986	23.35 0.46 0.00	22.21 0.41 0.00	19.86 0.33 0.00	19.51 0.34 0.00	21.27 0.40 0.00	24.48 0.50 0.00	36.72 0.72 0.00	43.75 0.60 0.00	35.85 0.67 0.00	30.34 0.59 0.00	26.42 0.44 0.00	24.78 0.39 0.00	23.37 0.35 0.00	23.32 0.30 0.00	23.30 0.28 0.00	24.95 0.32 0.00	29.94 0.33 0.00	39.39 0.43 0.00	50.74 0.42 -3.39	47.20 0.46 -0.95	35.41 0.59 0.00	32.03 0.32 0.00	29.52 0.23 0.00	26.11 0.28 0.00
ONTARIO___LFGE 23819	23.85 0.96 0.00	22.69 0.89 0.00	20.27 0.74 0.00	19.91 0.75 0.00	21.73 0.86 0.00	25.19 1.22 0.00	37.83 1.83 0.00	44.65 1.51 0.00	36.84 1.65 0.00	31.29 1.55 0.00	27.15 1.17 0.00	25.39 1.00 0.00	23.90 0.87 0.00	23.81 0.78 0.00	23.73 0.71 0.00	25.52 0.89 0.00	30.62 1.01 0.00	40.13 1.17 0.00	51.99 1.03 -4.02	47.98 1.05 -1.13	36.39 1.57 0.00	32.70 0.98 0.00	30.05 0.76 0.00	26.60 0.77 0.00
ORANGEVILLE_WT_PWR 323706	23.90 1.01 0.00	22.76 0.96 0.00	20.42 0.90 0.00	20.07 0.90 0.00	21.77 0.90 0.00	25.36 1.39 0.00	37.83 1.83 0.00	43.75 0.60 0.00	36.66 1.48 0.00	31.09 1.34 0.00	27.04 1.07 0.00	25.24 0.85 0.00	23.78 0.76 0.00	23.65 0.62 0.00	23.55 0.53 0.00	25.37 0.74 0.00	30.29 0.68 0.00	39.74 0.78 0.00	51.20 -0.38 -4.65	46.91 -0.18 -1.30	36.11 1.29 0.00	32.03 0.32 0.00	29.50 0.21 0.00	26.35 0.52 0.00
ORANGEVILLE___ESR 323794	23.90 1.01 0.00	22.76 0.96 0.00	20.42 0.90 0.00	20.07 0.90 0.00	21.77 0.90 0.00	25.36 1.39 0.00	37.83 1.83 0.00	43.75 0.60 0.00	36.66 1.48 0.00	31.09 1.34 0.00	27.04 1.07 0.00	25.24 0.85 0.00	23.78 0.76 0.00	23.65 0.62 0.00	23.55 0.53 0.00	25.37 0.74 0.00	30.29 0.68 0.00	39.74 0.78 0.00	51.20 -0.38 -4.65	46.91 -0.18 -1.30	36.11 1.29 0.00	32.03 0.32 0.00	29.50 0.21 0.00	26.35 0.52 0.00
OSWEGATCHIE___HYD 24044	22.75 -0.14 0.00	21.67 -0.13 0.00	19.37 -0.16 0.00	19.09 -0.08 0.00	20.77 -0.10 0.00	23.78 -0.19 0.00	35.57 -0.43 0.00	42.45 -0.69 0.00	34.55 -0.63 0.00	28.97 -0.77 0.00	25.17 -0.81 0.00	23.53 -0.85 0.00	22.17 -0.85 0.00	22.15 -0.87 0.00	22.15 -0.87 0.00	23.80 -0.84 0.00	28.84 -0.77 0.00	38.26 -0.70 0.00	47.29 -0.52 -0.87	45.49 -0.55 -0.24	34.40 -0.42 0.00	31.43 -0.29 0.00	29.20 -0.09 0.00	25.83 0.00 0.00
OSWEGO___5 23606	22.66 -0.23 0.00	21.56 -0.24 0.00	19.29 -0.23 0.00	18.94 -0.23 0.00	20.64 -0.23 0.00	23.71 -0.26 0.00	35.42 -0.58 0.00	42.23 -0.91 0.00	34.55 -0.63 0.00	29.21 -0.53 0.00	25.48 -0.49 0.00	23.90 -0.49 0.00	22.56 -0.46 0.00	22.54 -0.48 0.00	22.54 -0.48 0.00	24.11 -0.52 0.00	28.93 -0.68 0.00	38.07 -0.89 0.00	48.08 -1.13 -2.28	45.33 -1.10 -0.64	34.12 -0.70 0.00	30.99 -0.73 0.00	28.59 -0.70 0.00	25.31 -0.52 0.00
OSWEGO___6 23613	22.66 -0.23 0.00	21.56 -0.24 0.00	19.29 -0.23 0.00	18.94 -0.23 0.00	20.64 -0.23 0.00	23.71 -0.26 0.00	35.42 -0.58 0.00	42.23 -0.91 0.00	34.55 -0.63 0.00	29.21 -0.53 0.00	25.48 -0.49 0.00	23.90 -0.49 0.00	22.56 -0.46 0.00	22.54 -0.48 0.00	22.54 -0.48 0.00	24.11 -0.52 0.00	28.93 -0.68 0.00	38.07 -0.89 0.00	48.08 -1.13 -2.28	45.33 -1.10 -0.64	34.12 -0.70 0.00	30.99 -0.73 0.00	28.59 -0.70 0.00	25.31 -0.52 0.00
OUTOKUMPU-AB___DRP 24206	23.94 1.05 0.00	22.69 0.89 0.00	20.34 0.82 0.00	20.05 0.88 0.00	21.69 0.81 0.00	25.41 1.44 0.00	37.48 1.48 0.00	43.14 0.00 0.00	36.41 1.23 0.00	30.82 1.07 0.00	26.81 0.83 0.00	25.04 0.66 0.00	23.58 0.55 0.00	23.44 0.41 0.00	23.30 0.28 0.00	25.17 0.54 0.00	30.03 0.41 0.00	39.23 0.27 0.00	50.29 -0.84 -4.21	46.38 -0.60 -1.18	35.69 0.87 0.00	31.52 -0.19 0.00	29.08 -0.21 0.00	26.06 0.23 0.00
OXBOW___ 24026	23.67 0.78 0.00	22.49 0.70 0.00	20.19 0.66 0.00	19.82 0.65 0.00	21.44 0.56 0.00	25.00 1.03 0.00	37.15 1.15 0.00	42.50 -0.65 0.00	35.85 0.67 0.00	30.37 0.63 0.00	26.45 0.47 0.00	24.68 0.29 0.00	23.25 0.23 0.00	23.09 0.07 0.00	22.97 -0.05 0.00	24.81 0.17 0.00	29.58 -0.03 0.00	38.69 -0.27 0.00	49.63 -1.50 -4.20	45.74 -1.23 -1.18	35.20 0.38 0.00	31.14 -0.57 0.00	28.67 -0.62 0.00	25.73 -0.10 0.00
OXY_CHEM_DSASP 323612	23.28 0.39 0.00	22.06 0.26 0.00	19.80 0.27 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.69 0.72 0.00	36.32 0.32 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.66 -0.37 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.75 -1.21 0.00	48.68 -2.44 -4.19	44.82 -2.15 -1.17	34.40 -0.42 0.00	30.41 -1.30 0.00	28.09 -1.20 0.00	25.23 -0.59 0.00
OZONE_PARK_ESR 323760	24.22 1.33 0.00	23.11 1.31 0.00	20.64 1.11 0.00	20.18 1.02 0.00	21.98 1.11 0.00	25.34 1.37 0.00	39.20 2.66 -0.53	47.80 3.93 -0.73	38.55 2.92 -0.45	32.71 2.65 -0.32	28.85 2.49 -0.38	27.11 2.44 -0.29	25.58 2.35 -0.20	25.60 2.37 -0.20	25.63 2.39 -0.21	27.37 2.49 -0.25	33.00 2.90 -0.49	42.84 3.70 -0.18	68.37 4.32 -17.12	55.66 4.26 -5.61	37.74 2.79 -0.14	34.73 2.73 -0.28	32.17 2.55 -0.33	27.98 1.94 -0.21
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.28 0.39 0.00	22.06 0.26 0.00	19.80 0.27 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.69 0.72 0.00	36.32 0.32 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.66 -0.37 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.75 -1.21 0.00	48.68 -2.44 -4.19	44.82 -2.15 -1.17	34.40 -0.42 0.00	30.41 -1.30 0.00	28.09 -1.20 0.00	25.23 -0.59 0.00

PACKARD__115KV_DUPONT_184 80571	23.28 0.39 0.00	22.06 0.26 0.00	19.80 0.27 0.00	19.49 0.33 0.00	21.10 0.23 0.00	24.69 0.72 0.00	36.32 0.32 0.00	41.59 -1.55 0.00	35.08 -0.11 0.00	29.72 -0.03 0.00	25.90 -0.08 0.00	24.19 -0.20 0.00	22.79 -0.23 0.00	22.66 -0.37 0.00	22.54 -0.48 0.00	24.31 -0.32 0.00	28.96 -0.65 0.00	37.75 -1.21 0.00	48.68 -2.44 -4.19	44.82 -2.15 -1.17	34.40 -0.42 0.00	30.41 -1.30 0.00	28.09 -1.20 0.00	25.23 -0.59 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.06 1.17 0.00	22.97 1.18 0.00	20.40 0.88 0.00	19.95 0.79 0.00	21.73 0.86 0.00	24.98 1.01 0.00	38.58 2.05 -0.53	47.02 3.15 -0.73	37.98 2.36 -0.45	32.21 2.14 -0.32	28.44 2.08 -0.38	26.75 2.07 -0.29	25.21 1.98 -0.20	25.23 2.00 -0.20	25.26 2.03 -0.22	26.98 2.09 -0.25	32.53 2.43 -0.49	42.22 3.08 -0.18	67.48 3.43 -17.12	54.79 3.39 -5.61	37.11 2.16 -0.14	34.22 2.22 -0.28	31.76 2.14 -0.33	27.72 1.68 -0.21
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.26 1.37 0.00	23.19 1.40 0.00	20.60 1.07 0.00	20.14 0.98 0.00	21.92 1.04 0.00	25.22 1.25 0.00	38.94 2.41 -0.53	47.46 3.58 -0.73	38.30 2.67 -0.45	32.48 2.41 -0.32	28.64 2.29 -0.38	26.94 2.27 -0.29	25.41 2.19 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.15 2.27 -0.25	32.77 2.67 -0.49	42.53 3.39 -0.18	67.85 3.80 -17.12	55.16 3.76 -5.61	37.39 2.44 -0.14	34.50 2.51 -0.28	31.99 2.37 -0.33	27.95 1.91 -0.21
PATROON__115KV_TB1 80586	23.62 0.73 0.00	22.47 0.68 0.00	20.13 0.61 0.00	19.72 0.56 0.00	21.42 0.54 0.00	24.57 0.60 0.00	36.78 1.30 0.51	44.16 1.73 0.71	36.05 1.30 0.43	30.56 1.13 0.31	26.62 1.01 0.37	25.06 0.95 0.28	23.70 0.87 0.20	23.73 0.90 0.19	23.75 0.92 0.19	25.35 0.96 0.24	30.32 1.18 0.47	40.46 1.68 0.17	64.82 2.02 -15.88	51.38 1.92 -3.66	36.01 1.32 0.13	32.71 1.27 0.27	30.05 1.08 0.32	26.37 0.75 0.21
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.22 1.33 0.00	22.93 1.13 0.00	20.58 1.05 0.00	20.28 1.11 0.00	21.96 1.09 0.00	25.72 1.75 0.00	38.09 2.09 0.00	43.96 0.82 0.00	37.01 1.83 0.00	31.35 1.61 0.00	27.28 1.30 0.00	25.48 1.10 0.00	23.99 0.97 0.00	23.83 0.81 0.00	23.71 0.69 0.00	25.59 0.96 0.00	30.53 0.92 0.00	40.05 1.09 0.00	50.30 -1.03 -4.40	46.25 -0.78 -1.23	36.42 1.60 0.00	32.13 0.41 0.00	29.61 0.32 0.00	26.55 0.72 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.10 1.21 0.00	23.04 1.24 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.90 1.02 0.00	25.15 1.17 0.00	38.78 2.34 -0.44	47.16 3.41 -0.61	38.19 2.64 -0.37	32.39 2.38 -0.27	28.40 2.10 -0.32	26.58 1.95 -0.24	25.08 1.89 -0.17	25.13 1.93 -0.17	25.14 1.96 -0.17	26.88 2.04 -0.21	32.45 2.43 -0.40	42.38 3.27 -0.15	67.61 3.90 -16.79	55.02 3.85 -5.38	37.54 2.61 -0.11	34.45 2.51 -0.24	31.82 2.26 -0.27	27.68 1.68 -0.18
PEEKSKILL____ 23653	23.92 1.03 0.00	22.80 1.00 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.05 1.08 0.00	38.53 2.01 -0.51	46.91 3.06 -0.71	37.90 2.29 -0.43	32.14 2.08 -0.31	28.27 1.92 -0.37	26.54 1.88 -0.28	25.02 1.80 -0.20	25.06 1.84 -0.19	25.05 1.84 -0.19	26.80 1.92 -0.24	32.36 2.28 -0.47	42.02 2.88 -0.17	67.14 3.42 -16.79	54.67 3.39 -5.49	37.21 2.26 -0.13	34.17 2.19 -0.27	31.63 2.02 -0.32	27.53 1.50 -0.21
PGE MADISON__WINDPWR 24146	25.02 2.13 0.00	23.78 1.98 0.00	21.22 1.70 0.00	21.01 1.84 0.00	22.94 2.07 0.00	26.61 2.64 0.00	40.39 4.39 0.00	48.27 5.13 0.00	39.44 4.26 0.00	33.02 3.27 0.00	28.45 2.47 0.00	26.56 2.17 0.00	25.01 1.98 0.00	24.94 1.91 0.00	24.91 1.89 0.00	26.92 2.29 0.00	32.69 3.08 0.00	43.48 4.52 0.00	59.23 5.63 -6.67	53.16 5.49 -1.87	39.52 4.70 0.00	35.58 3.87 0.00	32.60 3.31 0.00	28.59 2.77 0.00
PIERCEFIELD____HYD 23852	22.55 -0.34 0.00	21.51 -0.28 0.00	19.25 -0.27 0.00	18.95 -0.21 0.00	20.62 -0.25 0.00	23.49 -0.48 0.00	34.92 -1.08 0.00	41.50 -1.64 0.00	33.74 -1.44 0.00	28.26 -1.49 0.00	24.65 -1.32 0.00	23.07 -1.32 0.00	21.74 -1.29 0.00	21.76 -1.27 0.00	21.75 -1.27 0.00	23.30 -1.33 0.00	28.28 -1.33 0.00	37.48 -1.48 0.00	45.98 -1.45 -0.50	44.38 -1.56 -0.14	33.60 -1.22 0.00	30.92 -0.79 0.00	28.91 -0.38 0.00	25.73 -0.10 0.00
PINELAWN_CC_1 323563	24.98 1.40 -0.70	23.85 1.31 -0.75	21.45 1.07 -0.85	21.05 1.02 -0.87	22.78 1.17 -0.74	26.38 1.54 -0.87	45.47 2.12 -7.34	61.81 3.37 -15.30	51.59 2.64 -13.77	39.79 2.41 -7.63	35.77 2.44 -7.35	29.24 2.39 -2.46	26.98 2.32 -1.63	27.10 2.46 -1.61	28.22 2.30 -2.90	30.01 2.51 -2.86	35.73 3.08 -3.04	45.98 3.39 -3.63	98.95 3.99 -48.04	61.84 3.85 -12.20	42.27 2.75 -4.70	37.11 2.89 -2.51	34.84 2.84 -2.71	29.09 2.17 -1.09
PJM_GEN_HTP_PROXY 323702	24.08 1.19 0.00	22.93 1.13 0.00	20.50 0.98 0.00	20.07 0.90 0.00	21.85 0.98 0.00	25.19 1.22 0.00	38.91 2.38 -0.53	47.45 3.58 -0.73	38.23 2.60 -0.45	32.51 2.44 -0.32	28.65 2.29 -0.38	26.94 2.27 -0.29	25.42 2.19 -0.20	25.44 2.21 -0.20	25.45 2.21 -0.21	27.20 2.31 -0.25	32.77 2.67 -0.49	42.45 3.31 -0.18	67.94 3.89 -17.12	55.25 3.85 -5.61	37.52 2.51 -0.19	34.42 2.48 -0.23	31.93 2.31 -0.33	27.80 1.76 -0.21
PJM_GEN_KEystone 24065	23.78 0.89 0.00	22.65 0.85 0.00	20.27 0.74 0.00	19.89 0.73 0.00	21.60 0.73 0.00	25.00 1.03 0.00	37.63 1.66 0.03	44.40 1.55 0.29	36.71 1.55 0.01	31.33 1.43 -0.16	27.44 1.27 -0.19	25.70 1.17 -0.14	24.23 1.11 -0.10	24.18 1.06 -0.10	24.13 1.01 -0.10	25.89 1.13 -0.12	31.10 1.24 -0.24	40.20 1.52 0.28	58.00 1.17 -9.90	50.45 1.24 -3.42	36.47 1.53 -0.12	32.85 1.05 -0.09	30.36 0.91 -0.16	26.76 0.83 -0.11
PJM_GEN_NEPTUNE_PROXY 323594	24.13 1.24 0.00	22.95 1.15 0.00	20.48 0.96 0.00	20.09 0.92 0.00	21.90 1.02 0.00	25.31 1.34 0.00	38.51 1.98 -0.53	46.98 3.11 -0.73	38.05 2.43 -0.45	32.33 2.26 -0.32	28.59 2.23 -0.38	26.87 2.20 -0.29	25.34 2.12 -0.20	25.44 2.21 -0.20	25.34 2.12 -0.20	27.18 2.29 -0.26	32.83 2.72 -0.49	42.26 3.12 -0.18	67.66 3.61 -17.11	54.98 3.57 -5.61	37.48 2.47 -0.19	34.51 2.57 -0.23	32.09 2.46 -0.34	27.93 1.88 -0.22
PJM_GEN_VFT_PROXY 323633	23.97 1.08 0.00	22.84 1.05 0.00	20.40 0.88 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.10 1.13 0.00	34.44 2.09 3.64	37.79 3.28 8.63	34.66 2.39 2.91	32.33 2.26 -0.32	28.51 2.16 -0.38	26.80 2.12 -0.29	25.30 2.07 -0.20	25.32 2.10 -0.20	25.33 2.09 -0.22	27.05 2.17 -0.25	32.59 2.49 -0.49	36.96 3.08 5.07	55.23 3.57 -4.74	54.98 3.57 -5.61	37.27 2.26 -0.19	34.23 2.28 -0.23	31.79 2.17 -0.33	27.67 1.63 -0.21
PLATSBURG_115KV_PMLD1 355749	22.89 0.00 0.00	21.88 0.09 0.00	19.62 0.10 0.00	19.36 0.19 0.00	21.17 0.29 0.00	24.31 0.34 0.00	35.75 -0.25 0.00	41.98 -1.16 0.00	34.20 -0.99 0.00	29.09 -0.65 0.00	25.51 -0.47 0.00	23.92 -0.46 0.00	22.56 -0.46 0.00	22.68 -0.35 0.00	22.72 -0.30 0.00	24.39 -0.25 0.00	29.61 0.00 0.00	38.73 -0.23 0.00	46.74 -0.19 0.00	45.47 -0.32 0.00	34.61 -0.21 0.00	32.09 0.38 0.00	30.11 0.82 0.00	26.76 0.93 0.00

PLEASANTVLY___LBMP 24000	23.81 0.92 0.00	22.69 0.89 0.00	20.29 0.76 0.00	19.87 0.71 0.00	21.62 0.75 0.00	24.88 0.91 0.00	38.40 1.80 -0.60	46.64 2.67 -0.82	37.69 2.01 -0.50	31.92 1.81 -0.36	28.09 1.69 -0.43	26.35 1.63 -0.33	24.84 1.59 -0.23	24.84 1.59 -0.22	24.88 1.63 -0.22	26.59 1.68 -0.28	32.14 1.98 -0.55	41.73 2.57 -0.20	67.91 3.00 -17.97	54.67 2.93 -5.95	36.92 1.95 -0.15	33.94 1.90 -0.32	31.42 1.76 -0.37	27.36 1.29 -0.24
PLSNTVLE_13_KV_13.8KVDIST 80602	23.97 1.08 0.00	22.84 1.05 0.00	20.40 0.88 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.10 1.13 0.00	38.73 2.20 -0.53	47.11 3.24 -0.74	38.06 2.43 -0.45	32.27 2.20 -0.32	28.39 2.03 -0.38	26.65 1.98 -0.29	25.14 1.91 -0.20	25.14 1.91 -0.20	25.18 1.96 -0.20	26.90 2.02 -0.25	32.50 2.40 -0.49	42.22 3.08 -0.18	67.69 3.57 -17.20	54.95 3.53 -5.63	37.32 2.37 -0.14	34.28 2.28 -0.28	31.73 2.11 -0.33	27.62 1.58 -0.21
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.97 1.08 0.00	22.84 1.05 0.00	20.40 0.88 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.10 1.13 0.00	38.73 2.20 -0.53	47.11 3.24 -0.74	38.06 2.43 -0.45	32.27 2.20 -0.32	28.39 2.03 -0.38	26.65 1.98 -0.29	25.14 1.91 -0.20	25.14 1.91 -0.20	25.18 1.96 -0.20	26.90 2.02 -0.25	32.50 2.40 -0.49	42.22 3.08 -0.18	67.69 3.57 -17.20	54.95 3.53 -5.63	37.32 2.37 -0.14	34.28 2.28 -0.28	31.73 2.11 -0.33	27.62 1.58 -0.21
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.94 1.05 0.00	22.84 1.05 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.00 1.03 0.00	37.80 2.02 0.22	45.77 2.93 0.30	37.21 2.22 0.18	31.52 1.90 0.13	27.59 1.77 0.16	25.95 1.68 0.12	24.58 1.63 0.08	24.60 1.66 0.08	24.62 1.68 0.08	26.25 1.72 0.10	31.51 2.10 0.20	41.69 2.81 0.07	64.41 3.38 -14.10	52.66 3.25 -3.62	36.96 2.19 0.06	33.72 2.12 0.12	31.06 1.90 0.14	27.14 1.39 0.09
POLETTI____ 23519	24.10 1.21 0.00	23.00 1.20 0.00	20.52 1.00 0.00	20.09 0.92 0.00	21.88 1.00 0.00	25.20 1.22 0.00	38.94 2.41 -0.53	47.46 3.58 -0.73	38.27 2.64 -0.45	32.51 2.44 -0.32	28.64 2.29 -0.38	26.94 2.27 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.21	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.94 3.90 -17.12	55.30 3.89 -5.61	37.46 2.51 -0.14	34.50 2.51 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21
POMONA___ESR 323819	23.92 1.03 0.00	22.78 0.98 0.00	20.36 0.84 0.00	19.97 0.80 0.00	21.73 0.86 0.00	25.03 1.05 0.00	38.37 1.94 -0.43	46.67 2.94 -0.59	37.76 2.22 -0.36	31.97 1.96 -0.26	28.10 1.82 -0.31	26.38 1.76 -0.24	24.89 1.70 -0.16	24.91 1.73 -0.16	24.91 1.73 -0.16	26.66 1.82 -0.20	32.14 2.13 -0.40	41.91 2.81 -0.15	65.76 3.33 -15.49	54.05 3.25 -5.00	37.19 2.26 -0.11	34.07 2.13 -0.23	31.49 1.93 -0.27	27.42 1.42 -0.17
PORT_JEFF_3 23555	40.37 1.42 -16.06	40.37 1.33 -17.24	40.37 1.11 -19.73	40.37 1.05 -20.15	39.08 1.19 -17.02	40.37 1.54 -14.86	195.91 2.01 -157.90	370.49 3.19 -324.15	304.75 2.50 -267.07	190.28 2.38 -158.15	140.91 2.39 -112.54	62.02 2.36 -35.27	48.45 2.28 -23.14	48.48 2.46 -22.99	68.93 2.26 -43.66	69.21 2.44 -42.14	74.02 2.90 -41.50	118.73 3.00 -76.77	754.09 3.52 -703.64	201.07 3.39 -151.88	132.44 2.40 -95.22	76.49 2.63 -42.15	70.58 2.72 -38.57	42.17 2.09 -14.25
PORT_JEFF_4 23616	40.37 1.42 -16.06	40.37 1.33 -17.24	40.37 1.11 -19.73	40.37 1.05 -20.15	39.08 1.19 -17.02	40.37 1.54 -14.86	195.91 2.01 -157.90	370.49 3.19 -324.15	304.75 2.50 -267.07	190.28 2.38 -158.15	140.91 2.39 -112.54	62.02 2.36 -35.27	48.45 2.28 -23.14	48.48 2.46 -22.99	68.93 2.26 -43.66	69.21 2.44 -42.14	74.02 2.90 -41.50	118.73 3.00 -76.77	754.09 3.52 -703.64	201.07 3.39 -151.88	132.44 2.40 -95.22	76.49 2.63 -42.15	70.58 2.72 -38.57	42.17 2.09 -14.25
PORT_JEFF_IC 23713	41.32 1.51 -16.92	41.38 1.42 -18.16	41.48 1.17 -20.79	41.52 1.13 -21.23	40.01 1.21 -17.93	41.22 1.56 -15.69	204.40 2.09 -166.31	387.81 3.28 -341.39	319.19 2.57 -281.44	198.74 2.41 -166.59	147.17 2.44 -118.75	63.98 2.39 -37.20	49.76 2.32 -24.41	49.76 2.49 -24.25	71.38 2.30 -46.06	71.60 2.51 -44.46	76.38 2.99 -43.77	122.97 3.15 -80.85	790.86 3.71 -740.22	209.05 3.57 -159.68	137.68 2.54 -100.32	78.86 2.73 -44.42	72.76 2.78 -40.68	43.05 2.19 -15.03
PPL PILGRIM_ST_GT1 24216	25.70 1.21 -1.59	24.64 1.13 -1.71	22.38 0.90 -1.96	22.03 0.86 -2.00	23.56 1.00 -1.69	27.02 1.37 -1.68	53.73 1.58 -16.15	79.26 2.76 -33.35	65.85 2.11 -28.55	48.20 2.02 -16.43	41.69 2.23 -13.47	30.98 2.22 -4.37	28.05 2.14 -2.88	28.21 2.32 -2.86	30.41 2.12 -5.27	32.12 2.34 -5.15	37.83 2.93 -5.28	49.79 2.92 -7.90	136.71 3.42 -86.35	69.45 3.30 -20.36	47.14 2.33 -9.99	39.23 2.69 -4.82	36.75 2.67 -4.80	29.70 2.02 -1.86
PPL PILGRIM_ST_GT2 24217	25.70 1.21 -1.59	24.64 1.13 -1.71	22.38 0.90 -1.96	22.03 0.86 -2.00	23.56 1.00 -1.69	27.02 1.37 -1.68	53.73 1.58 -16.15	79.26 2.76 -33.35	65.85 2.11 -28.55	48.20 2.02 -16.43	41.69 2.23 -13.47	30.98 2.22 -4.37	28.05 2.14 -2.88	28.21 2.32 -2.86	30.41 2.12 -5.27	32.12 2.34 -5.15	37.83 2.93 -5.28	49.79 2.92 -7.90	136.71 3.42 -86.35	69.45 3.30 -20.36	47.14 2.33 -9.99	39.23 2.69 -4.82	36.75 2.67 -4.80	29.70 2.02 -1.86
PPL_SHRM_GT3 24213	40.62 1.79 -15.95	40.60 1.68 -17.12	40.52 1.41 -19.59	40.53 1.36 -20.01	39.32 1.54 -16.90	40.71 1.97 -14.77	195.49 2.70 -156.79	368.54 3.54 -321.86	303.24 2.82 -265.24	189.71 2.92 -157.04	140.67 2.86 -111.84	62.21 2.78 -35.04	48.71 2.69 -23.00	48.72 2.85 -22.84	69.07 2.67 -43.38	69.44 2.93 -41.87	74.50 3.64 -41.24	119.24 4.05 -76.23	750.50 4.79 -698.78	201.27 4.62 -150.85	132.72 3.34 -94.56	77.04 3.46 -41.86	70.95 3.34 -38.32	42.60 2.61 -14.16
PPL_SHRM_GT4 24214	40.62 1.79 -15.95	40.60 1.68 -17.12	40.52 1.41 -19.59	40.53 1.36 -20.01	39.32 1.54 -16.90	40.71 1.97 -14.77	195.49 2.70 -156.79	368.54 3.54 -321.86	303.24 2.82 -265.24	189.71 2.92 -157.04	140.67 2.86 -111.84	62.21 2.78 -35.04	48.71 2.69 -23.00	48.72 2.85 -22.84	69.07 2.67 -43.38	69.44 2.93 -41.87	74.50 3.64 -41.24	119.24 4.05 -76.23	750.50 4.79 -698.78	201.27 4.62 -150.85	132.72 3.34 -94.56	77.04 3.46 -41.86	70.95 3.34 -38.32	42.60 2.61 -14.16
PROJECT___ORANGE 1 24174	23.17 0.27 0.00	22.04 0.24 0.00	19.70 0.18 0.00	19.36 0.19 0.00	21.08 0.21 0.00	24.24 0.26 0.00	36.29 0.29 0.00	43.27 0.13 0.00	35.46 0.28 0.00	30.01 0.27 0.00	26.16 0.18 0.00	24.56 0.17 0.00	23.19 0.16 0.00	23.14 0.12 0.00	23.11 0.09 0.00	24.76 0.12 0.00	29.67 0.06 0.00	38.96 0.00 0.00	49.98 -0.09 -3.14	46.63 -0.05 -0.88	34.99 0.17 0.00	31.68 -0.03 0.00	29.20 -0.09 0.00	25.83 0.00 0.00
PROJECT___ORANGE 2 24166	23.17 0.27 0.00	22.04 0.24 0.00	19.70 0.18 0.00	19.36 0.19 0.00	21.08 0.21 0.00	24.24 0.26 0.00	36.29 0.29 0.00	43.27 0.13 0.00	35.46 0.28 0.00	30.01 0.27 0.00	26.16 0.18 0.00	24.56 0.17 0.00	23.19 0.16 0.00	23.14 0.12 0.00	23.11 0.09 0.00	24.76 0.12 0.00	29.67 0.06 0.00	38.96 0.00 0.00	49.98 -0.09 -3.14	46.63 -0.05 -0.88	34.99 0.17 0.00	31.68 -0.03 0.00	29.20 -0.09 0.00	25.83 0.00 0.00

RAVENSWOOD_GT_10 24258	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.83 0.96 0.00	25.15 1.17 0.00	38.87 2.34 -0.53	47.37 3.49 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.35 2.12 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.85 3.80 -17.12	55.21 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD_GT_11 24259	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.83 0.96 0.00	25.15 1.17 0.00	38.87 2.34 -0.53	47.37 3.49 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.35 2.12 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.85 3.80 -17.12	55.21 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD_GT_4 24252	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.17 1.20 0.00	38.87 2.34 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.37 2.14 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.15 2.27 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.21 3.80 -5.61	37.46 2.51 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD_GT_5 24254	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.17 1.20 0.00	38.87 2.34 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.37 2.14 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.15 2.27 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.21 3.80 -5.61	37.46 2.51 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD_GT_6 24253	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.17 1.20 0.00	38.87 2.34 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.37 2.14 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.15 2.27 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.21 3.80 -5.61	37.46 2.51 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD_GT_7 24255	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.07 0.90 0.00	21.83 0.96 0.00	25.17 1.20 0.00	38.87 2.34 -0.53	47.41 3.54 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.37 2.14 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.15 2.27 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.21 3.80 -5.61	37.46 2.51 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.83 0.96 0.00	25.15 1.17 0.00	38.87 2.34 -0.53	47.37 3.49 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.35 2.12 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.85 3.80 -17.12	55.21 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD_GT_9 24257	24.06 1.17 0.00	22.95 1.16 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.83 0.96 0.00	25.15 1.17 0.00	38.87 2.34 -0.53	47.37 3.49 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.90 2.22 -0.29	25.35 2.12 -0.20	25.37 2.14 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.45 3.31 -0.18	67.85 3.80 -17.12	55.21 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.90 2.28 -0.33	27.77 1.73 -0.21
RAVENSWOOD___1 23533	24.03 1.14 0.00	22.93 1.13 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	38.68 2.16 -0.52	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.20 -0.29	25.34 2.12 -0.20	25.39 2.16 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.28 2.33 -0.13	34.38 2.38 -0.28	31.84 2.22 -0.33	27.75 1.70 -0.21
RAVENSWOOD___2 23534	24.03 1.14 0.00	22.93 1.13 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	38.68 2.16 -0.52	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.20 -0.29	25.34 2.12 -0.20	25.39 2.16 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.28 2.33 -0.13	34.38 2.38 -0.28	31.84 2.22 -0.33	27.75 1.70 -0.21
RAVENSWOOD___3 23535	24.06 1.17 0.00	22.93 1.13 0.00	20.48 0.96 0.00	20.05 0.88 0.00	21.83 0.96 0.00	25.19 1.22 0.00	38.84 2.31 -0.53	47.37 3.49 -0.73	38.23 2.60 -0.45	32.45 2.38 -0.32	28.59 2.23 -0.38	26.87 2.20 -0.29	25.34 2.12 -0.20	25.39 2.16 -0.20	25.38 2.14 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.85 3.80 -17.12	55.20 3.80 -5.61	37.43 2.47 -0.14	34.44 2.44 -0.28	31.90 2.29 -0.33	27.77 1.73 -0.21
RAVENSWOOD___4 23820	24.03 1.14 0.00	22.93 1.13 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	38.68 2.16 -0.52	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.20 -0.29	25.34 2.12 -0.20	25.39 2.16 -0.20	25.40 2.16 -0.22	27.12 2.24 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.28 2.33 -0.13	34.38 2.38 -0.28	31.84 2.22 -0.33	27.75 1.70 -0.21
RCPL_TRUST___DRP 24196	24.10 1.21 0.00	23.00 1.20 0.00	20.54 1.02 0.00	20.10 0.94 0.00	21.90 1.02 0.00	25.22 1.25 0.00	39.02 2.48 -0.53	47.54 3.67 -0.73	38.34 2.71 -0.45	32.57 2.50 -0.32	28.70 2.34 -0.38	26.99 2.32 -0.29	25.46 2.23 -0.20	25.46 2.23 -0.20	25.51 2.28 -0.21	27.25 2.36 -0.25	32.82 2.72 -0.49	42.57 3.43 -0.18	68.04 3.99 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.53 2.54 -0.28	31.99 2.37 -0.33	27.85 1.81 -0.21
RED___ROCHESTER 323720	23.69 0.80 0.00	22.47 0.68 0.00	20.11 0.59 0.00	19.72 0.56 0.00	21.46 0.58 0.00	24.86 0.89 0.00	37.33 1.33 0.00	43.70 0.56 0.00	36.38 1.20 0.00	30.70 0.95 0.00	26.65 0.67 0.00	24.92 0.54 0.00	23.53 0.51 0.00	23.42 0.39 0.00	23.37 0.35 0.00	25.13 0.49 0.00	30.03 0.41 0.00	39.43 0.47 0.00	50.94 0.37 -3.64	47.32 0.50 -1.02	35.72 0.90 0.00	32.00 0.28 0.00	29.47 0.18 0.00	26.14 0.31 0.00
REGAN___SOLAR 323812	24.33 1.44 0.00	23.19 1.40 0.00	20.87 1.35 0.00	20.37 1.21 0.00	22.27 1.40 0.00	25.79 1.82 0.00	39.31 3.71 0.40	47.59 5.00 0.55	38.79 3.94 0.33	32.54 3.04 0.24	28.19 2.49 0.29	26.24 2.07 0.22	24.81 1.93 0.15	24.97 2.10 0.15	24.92 2.05 0.15	26.71 2.26 0.19	32.21 2.96 0.37	43.62 4.79 0.13	69.65 5.91 -16.81	55.61 5.72 -4.10	38.96 4.25 0.10	34.93 3.43 0.21	31.85 2.81 0.25	27.66 1.99 0.16

RENSSELAER___COGEN 23796	23.53 0.64 0.00	22.39 0.59 0.00	20.05 0.53 0.00	19.64 0.48 0.00	21.33 0.46 0.00	24.48 0.50 0.00	36.60 1.12 0.51	43.94 1.51 0.71	35.84 1.09 0.43	30.42 0.98 0.31	26.47 0.86 0.37	24.91 0.80 0.28	23.61 0.78 0.20	23.64 0.81 0.19	23.63 0.81 0.19	25.23 0.84 0.24	30.18 1.04 0.47	40.23 1.44 0.17	64.43 1.74 -15.76	51.07 1.65 -3.63	35.77 1.08 0.13	32.55 1.11 0.27	29.94 0.97 0.32	26.27 0.65 0.21
REPUBLIC_115KV_BARTNBRK 55605	24.74 1.85 0.00	23.54 1.74 0.00	21.34 1.82 0.00	20.79 1.63 0.00	22.86 1.98 0.00	26.54 2.57 0.00	40.27 4.75 0.48	48.74 6.26 0.66	39.85 5.07 0.40	33.44 3.99 0.29	29.12 3.48 0.34	27.17 3.05 0.26	25.19 2.35 0.18	25.31 2.46 0.18	25.26 2.42 0.18	27.02 2.61 0.23	32.31 3.14 0.44	43.63 4.83 0.16	69.31 6.01 -16.37	56.20 6.55 -3.85	39.57 4.87 0.12	35.45 4.00 0.26	32.30 3.31 0.30	28.17 2.53 0.19
REVERE_CPPR_DRP 24186	23.87 0.98 0.00	22.69 0.89 0.00	20.29 0.76 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	37.84 1.84 0.00	45.38 2.24 0.00	37.08 1.90 0.00	31.17 1.43 0.00	27.04 1.07 0.00	25.31 0.93 0.00	23.85 0.83 0.00	23.81 0.78 0.00	23.76 0.74 0.00	25.54 0.91 0.00	30.89 1.27 0.00	40.87 1.91 0.00	50.83 2.53 -1.37	48.61 2.43 -0.38	36.80 1.98 0.00	33.39 1.68 0.00	30.72 1.44 0.00	26.99 1.16 0.00
REYNOLDS_115KV_TB3 80639	23.62 0.73 0.00	22.47 0.68 0.00	20.13 0.61 0.00	19.72 0.56 0.00	21.44 0.56 0.00	24.62 0.65 0.00	36.76 1.37 0.61	44.20 1.90 0.84	36.08 1.41 0.51	30.60 1.22 0.37	26.64 1.09 0.43	25.08 1.02 0.33	23.76 0.97 0.23	23.79 0.99 0.23	23.78 0.99 0.23	25.41 1.06 0.28	30.36 1.30 0.56	40.55 1.79 0.20	64.42 2.11 -15.38	51.24 2.06 -3.38	36.06 1.39 0.16	32.75 1.36 0.32	30.12 1.20 0.37	26.41 0.83 0.24
RIVERBAY____ 323610	24.26 1.37 0.00	23.19 1.40 0.00	20.60 1.07 0.00	20.14 0.98 0.00	21.92 1.04 0.00	25.22 1.25 0.00	38.94 2.41 -0.53	47.46 3.58 -0.73	38.30 2.67 -0.45	32.48 2.41 -0.32	28.64 2.29 -0.38	26.94 2.27 -0.29	25.41 2.19 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.15 2.27 -0.25	32.77 2.67 -0.49	42.53 3.39 -0.18	67.85 3.80 -17.12	55.16 3.76 -5.61	37.39 2.44 -0.14	34.50 2.51 -0.28	31.99 2.37 -0.33	27.95 1.91 -0.21
RIVERSDE_115KV_TB3 55908	23.60 0.71 0.00	22.45 0.65 0.00	20.11 0.59 0.00	19.70 0.54 0.00	21.40 0.52 0.00	24.57 0.60 0.00	36.74 1.30 0.56	44.10 1.73 0.77	35.98 1.27 0.47	30.54 1.13 0.34	26.59 1.01 0.40	25.01 0.93 0.30	23.69 0.87 0.21	23.71 0.90 0.21	23.73 0.92 0.21	25.33 0.96 0.26	30.28 1.18 0.51	40.41 1.64 0.19	64.52 1.97 -15.62	51.24 1.92 -3.52	35.96 1.29 0.14	32.68 1.27 0.30	30.06 1.11 0.35	26.35 0.75 0.22
ROARING___BROOK_WT_PWR 323790	22.20 -0.69 0.00	21.23 -0.57 0.00	19.08 -0.45 0.00	18.76 -0.40 0.00	20.48 -0.40 0.00	23.49 -0.48 0.00	35.24 -0.76 0.00	42.28 -0.86 0.00	34.55 -0.63 0.00	29.24 -0.51 0.00	25.56 -0.42 0.00	23.99 -0.39 0.00	22.63 -0.39 0.00	22.63 -0.39 0.00	22.63 -0.39 0.00	24.21 -0.42 0.00	29.17 -0.44 0.00	38.38 -0.58 0.00	46.27 -0.66 0.00	45.11 -0.69 0.00	34.30 -0.52 0.00	31.30 -0.41 0.00	28.94 -0.35 0.00	25.55 -0.28 0.00
ROCHESRG_115KV_T4 355643	23.44 0.55 0.00	22.23 0.44 0.00	19.90 0.37 0.00	19.55 0.38 0.00	21.27 0.40 0.00	24.67 0.70 0.00	36.83 0.83 0.00	43.23 0.09 0.00	35.92 0.74 0.00	30.34 0.59 0.00	26.37 0.39 0.00	24.65 0.27 0.00	23.28 0.25 0.00	23.19 0.16 0.00	23.11 0.09 0.00	24.85 0.22 0.00	29.73 0.12 0.00	38.96 0.00 0.00	50.36 -0.19 -3.62	46.76 -0.05 -1.01	35.27 0.45 0.00	31.59 -0.13 0.00	29.14 -0.15 0.00	25.88 0.05 0.00
ROCHESTER_9_IC 23652	23.58 0.69 0.00	22.34 0.54 0.00	19.99 0.47 0.00	19.64 0.48 0.00	21.37 0.50 0.00	24.81 0.84 0.00	37.08 1.08 0.00	43.49 0.35 0.00	36.20 1.02 0.00	30.55 0.80 0.00	26.52 0.55 0.00	24.80 0.41 0.00	23.42 0.39 0.00	23.30 0.28 0.00	23.25 0.23 0.00	25.00 0.37 0.00	29.91 0.30 0.00	39.19 0.23 0.00	50.71 0.14 -3.64	47.09 0.27 -1.02	35.48 0.66 0.00	31.81 0.10 0.00	29.32 0.03 0.00	26.04 0.21 0.00
ROCKVIEW_13_KV_LD 356306	24.03 1.14 0.00	22.93 1.13 0.00	20.46 0.94 0.00	20.03 0.86 0.00	21.81 0.94 0.00	25.17 1.20 0.00	38.87 2.34 -0.53	47.37 3.49 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.57 2.21 -0.38	26.82 2.15 -0.29	25.30 2.07 -0.20	25.30 2.07 -0.20	25.34 2.12 -0.20	27.08 2.19 -0.25	32.68 2.58 -0.49	42.45 3.31 -0.18	67.90 3.85 -17.12	55.21 3.80 -5.61	37.53 2.58 -0.14	34.47 2.47 -0.28	31.87 2.26 -0.33	27.75 1.70 -0.21
ROME____115KV_TB2 80656	23.87 0.98 0.00	22.69 0.89 0.00	20.29 0.76 0.00	19.99 0.82 0.00	21.77 0.90 0.00	25.10 1.13 0.00	37.84 1.84 0.00	45.38 2.24 0.00	37.08 1.90 0.00	31.17 1.43 0.00	27.04 1.07 0.00	25.31 0.93 0.00	23.85 0.83 0.00	23.81 0.78 0.00	23.76 0.74 0.00	25.54 0.91 0.00	30.89 1.27 0.00	40.87 1.91 0.00	50.83 2.53 -1.37	48.61 2.43 -0.38	36.80 1.98 0.00	33.39 1.68 0.00	30.72 1.44 0.00	26.99 1.16 0.00
ROSETON___1 23587	23.83 0.94 0.00	22.69 0.89 0.00	20.28 0.76 0.00	19.89 0.73 0.00	21.65 0.77 0.00	24.93 0.96 0.00	38.26 1.80 -0.47	46.50 2.72 -0.64	37.61 2.04 -0.39	31.84 1.81 -0.28	28.00 1.69 -0.33	26.27 1.63 -0.25	24.79 1.59 -0.18	24.81 1.61 -0.17	24.81 1.61 -0.17	26.53 1.68 -0.22	32.02 1.98 -0.43	41.65 2.53 -0.16	66.56 3.01 -16.62	54.10 2.93 -5.37	36.92 1.98 -0.12	33.90 1.93 -0.25	31.34 1.76 -0.29	27.31 1.29 -0.19
ROSETON___2 23588	23.83 0.94 0.00	22.69 0.89 0.00	20.28 0.76 0.00	19.89 0.73 0.00	21.65 0.77 0.00	24.93 0.96 0.00	38.26 1.80 -0.47	46.50 2.72 -0.64	37.61 2.04 -0.39	31.84 1.81 -0.28	28.00 1.69 -0.33	26.27 1.63 -0.25	24.79 1.59 -0.18	24.81 1.61 -0.17	24.81 1.61 -0.17	26.53 1.68 -0.22	32.02 1.98 -0.43	41.65 2.53 -0.16	66.56 3.01 -16.62	54.10 2.93 -5.37	36.92 1.98 -0.12	33.90 1.93 -0.25	31.34 1.76 -0.29	27.31 1.29 -0.19
ROTTTRDAM_115KV_TB3 80664	23.62 0.73 0.00	22.49 0.70 0.00	20.19 0.66 0.00	19.78 0.61 0.00	21.56 0.69 0.00	24.81 0.84 0.00	37.22 1.62 0.40	44.83 2.24 0.55	36.57 1.72 0.33	30.93 1.43 0.24	26.97 1.27 0.29	25.34 1.17 0.22	23.95 1.08 0.15	24.00 1.13 0.15	24.00 1.13 0.15	25.65 1.21 0.19	30.70 1.45 0.37	40.85 2.03 0.13	66.13 2.39 -16.81	52.27 2.38 -4.10	36.39 1.67 0.10	33.02 1.52 0.21	30.36 1.32 0.25	26.65 0.98 0.16
RUSSELL___1 23602	23.69 0.80 0.00	22.43 0.63 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.46 0.58 0.00	24.91 0.93 0.00	37.26 1.26 0.00	43.70 0.56 0.00	36.41 1.23 0.00	30.70 0.95 0.00	26.65 0.68 0.00	24.92 0.54 0.00	23.53 0.51 0.00	23.42 0.39 0.00	23.37 0.35 0.00	25.13 0.49 0.00	30.06 0.44 0.00	39.39 0.43 0.00	50.99 0.42 -3.64	47.36 0.55 -1.02	35.69 0.87 0.00	31.97 0.25 0.00	29.47 0.18 0.00	26.14 0.31 0.00

RUSSELL___2 23532	23.69 0.80 0.00	22.43 0.63 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.46 0.58 0.00	24.91 0.93 0.00	37.26 1.26 0.00	43.70 0.56 0.00	36.41 1.23 0.00	30.70 0.95 0.00	26.65 0.68 0.00	24.92 0.54 0.00	23.53 0.51 0.00	23.42 0.39 0.00	23.37 0.35 0.00	25.13 0.49 0.00	30.06 0.44 0.00	39.39 0.43 0.00	50.99 0.42 -3.64	47.36 0.55 -1.02	35.69 0.87 0.00	31.97 0.25 0.00	29.47 0.18 0.00	26.14 0.31 0.00
RUSSELL___3 23549	23.69 0.80 0.00	22.43 0.63 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.46 0.58 0.00	24.91 0.93 0.00	37.26 1.26 0.00	43.70 0.56 0.00	36.41 1.23 0.00	30.70 0.95 0.00	26.65 0.68 0.00	24.92 0.54 0.00	23.53 0.51 0.00	23.42 0.39 0.00	23.37 0.35 0.00	25.13 0.49 0.00	30.06 0.44 0.00	39.39 0.43 0.00	50.99 0.42 -3.64	47.36 0.55 -1.02	35.69 0.87 0.00	31.97 0.25 0.00	29.47 0.18 0.00	26.14 0.31 0.00
RUSSELL___4 23556	23.69 0.80 0.00	22.43 0.63 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.46 0.58 0.00	24.91 0.93 0.00	37.26 1.26 0.00	43.70 0.56 0.00	36.41 1.23 0.00	30.70 0.95 0.00	26.65 0.68 0.00	24.92 0.54 0.00	23.53 0.51 0.00	23.42 0.39 0.00	23.37 0.35 0.00	25.13 0.49 0.00	30.06 0.44 0.00	39.39 0.43 0.00	50.99 0.42 -3.64	47.36 0.55 -1.02	35.69 0.87 0.00	31.97 0.25 0.00	29.47 0.18 0.00	26.14 0.31 0.00
RUSSELL___STATION 23914	23.69 0.80 0.00	22.43 0.63 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.46 0.58 0.00	24.91 0.93 0.00	37.26 1.26 0.00	43.70 0.56 0.00	36.41 1.23 0.00	30.70 0.95 0.00	26.65 0.68 0.00	24.92 0.54 0.00	23.53 0.51 0.00	23.42 0.39 0.00	23.37 0.35 0.00	25.13 0.49 0.00	30.06 0.44 0.00	39.39 0.43 0.00	50.99 0.42 -3.64	47.36 0.55 -1.02	35.69 0.87 0.00	31.97 0.25 0.00	29.47 0.18 0.00	26.14 0.31 0.00
S SALMON___HYD 24043	22.98 0.09 0.00	21.84 0.04 0.00	19.54 0.02 0.00	19.20 0.04 0.00	20.94 0.06 0.00	24.07 0.10 0.00	36.11 0.11 0.00	43.06 -0.09 0.00	35.15 -0.04 0.00	29.60 -0.15 0.00	25.74 -0.23 0.00	24.12 -0.27 0.00	22.72 -0.30 0.00	22.68 -0.34 0.00	22.68 -0.34 0.00	24.29 -0.34 0.00	29.26 -0.35 0.00	38.61 -0.35 0.00	49.12 -0.28 -2.47	46.21 -0.27 -0.69	34.75 -0.07 0.00	31.56 -0.16 0.00	29.11 -0.17 0.00	25.73 -0.10 0.00
S.PERRY___115KV_TB1 80734	24.49 1.60 0.00	23.21 1.42 0.00	20.75 1.23 0.00	20.41 1.25 0.00	22.23 1.36 0.00	25.94 1.97 0.00	38.99 2.99 0.00	45.69 2.55 0.00	38.03 2.85 0.00	31.95 2.20 0.00	27.59 1.61 0.00	25.70 1.32 0.00	24.04 1.01 0.00	24.04 1.01 0.00	23.99 0.97 0.00	25.89 1.26 0.00	30.12 0.50 0.00	39.70 0.74 0.00	51.97 0.61 -4.43	47.86 0.82 -1.24	36.28 1.46 0.00	32.25 0.54 0.00	30.64 1.35 0.00	27.17 1.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.85 0.96 0.00	22.63 0.83 0.00	20.29 0.76 0.00	19.99 0.82 0.00	21.62 0.75 0.00	25.32 1.34 0.00	37.33 1.33 0.00	42.93 -0.22 0.00	36.20 1.02 0.00	30.67 0.92 0.00	26.71 0.73 0.00	24.92 0.54 0.00	23.49 0.46 0.00	23.35 0.32 0.00	23.23 0.21 0.00	25.08 0.44 0.00	29.88 0.27 0.00	39.04 0.08 0.00	50.08 -1.13 -4.28	46.12 -0.87 -1.20	35.52 0.70 0.00	31.40 -0.32 0.00	28.97 -0.32 0.00	25.98 0.15 0.00
SAWYER___23_KV_LOAD 55526	23.85 0.96 0.00	22.63 0.83 0.00	20.29 0.76 0.00	19.99 0.82 0.00	21.62 0.75 0.00	25.32 1.34 0.00	37.33 1.33 0.00	42.93 -0.22 0.00	36.20 1.02 0.00	30.67 0.92 0.00	26.71 0.73 0.00	24.92 0.54 0.00	23.49 0.46 0.00	23.35 0.32 0.00	23.23 0.21 0.00	25.08 0.44 0.00	29.88 0.27 0.00	39.04 0.08 0.00	50.08 -1.13 -4.28	46.12 -0.87 -1.20	35.52 0.70 0.00	31.40 -0.32 0.00	28.97 -0.32 0.00	25.98 0.15 0.00
SELKIRK___I 23801	23.67 0.78 0.00	22.54 0.74 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.52 0.65 0.00	24.69 0.72 0.00	37.06 1.40 0.34	44.57 1.90 0.47	36.31 1.41 0.28	30.73 1.19 0.21	26.80 1.07 0.24	25.18 0.98 0.19	23.82 0.92 0.13	23.84 0.94 0.13	23.84 0.94 0.13	25.46 0.99 0.16	30.54 1.24 0.31	40.56 1.71 0.11	65.24 2.06 -16.25	51.84 2.01 -4.03	36.13 1.39 0.09	32.90 1.36 0.18	30.28 1.20 0.21	26.54 0.85 0.14
SELKIRK___II 23799	23.55 0.66 0.00	22.41 0.61 0.00	20.09 0.57 0.00	19.68 0.52 0.00	21.40 0.52 0.00	24.55 0.57 0.00	36.79 1.19 0.39	44.24 1.64 0.54	36.08 1.23 0.33	30.58 1.07 0.24	26.66 0.96 0.28	25.07 0.90 0.21	23.73 0.85 0.15	23.75 0.87 0.15	23.75 0.87 0.15	25.38 0.94 0.18	30.38 1.12 0.36	40.35 1.52 0.13	64.98 1.83 -16.22	51.52 1.78 -3.94	35.94 1.22 0.10	32.71 1.20 0.21	30.10 1.05 0.24	26.39 0.72 0.16
SENECA OSWGO___HYD 24041	22.89 0.00 0.00	21.80 0.00 0.00	19.49 -0.04 0.00	19.13 -0.04 0.00	20.85 -0.02 0.00	23.97 0.00 0.00	35.89 -0.11 0.00	42.79 -0.35 0.00	35.01 -0.18 0.00	29.60 -0.15 0.00	25.80 -0.18 0.00	24.19 -0.20 0.00	22.82 -0.21 0.00	22.80 -0.23 0.00	22.77 -0.25 0.00	24.39 -0.25 0.00	29.26 -0.35 0.00	38.50 -0.47 0.00	49.12 -0.56 -2.75	46.02 -0.55 -0.77	34.58 -0.24 0.00	31.33 -0.38 0.00	28.88 -0.41 0.00	25.57 -0.26 0.00
SENECA___115KV_TB3 355854	24.15 1.26 0.00	22.89 1.09 0.00	20.54 1.02 0.00	20.24 1.07 0.00	21.90 1.02 0.00	25.65 1.68 0.00	37.91 1.91 0.00	43.70 0.56 0.00	36.83 1.65 0.00	31.20 1.46 0.00	27.17 1.20 0.00	25.36 0.98 0.00	23.88 0.85 0.00	23.74 0.71 0.00	23.60 0.58 0.00	25.49 0.86 0.00	30.41 0.80 0.00	39.78 0.82 0.00	50.73 -0.56 -4.36	46.70 -0.32 -1.22	36.21 1.39 0.00	31.94 0.22 0.00	29.47 0.18 0.00	26.40 0.57 0.00
SENECA___ENERGY 23797	23.48 0.59 0.00	22.32 0.52 0.00	19.97 0.45 0.00	19.61 0.44 0.00	21.40 0.52 0.00	24.74 0.77 0.00	37.19 1.19 0.00	44.05 0.91 0.00	36.27 1.09 0.00	30.76 1.01 0.00	26.73 0.75 0.00	25.00 0.61 0.00	23.55 0.53 0.00	23.46 0.44 0.00	23.44 0.41 0.00	25.15 0.52 0.00	30.17 0.56 0.00	39.66 0.70 0.00	51.32 0.57 -3.83	47.46 0.59 -1.07	35.83 1.01 0.00	32.25 0.54 0.00	29.64 0.35 0.00	26.24 0.41 0.00
SHOEMAKER___GT 23640	24.13 1.24 0.00	23.00 1.20 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.94 1.06 0.00	25.17 1.20 0.00	38.61 2.20 -0.42	46.86 3.15 -0.57	37.96 2.43 -0.35	31.99 1.99 -0.25	28.09 1.82 -0.30	26.34 1.73 -0.23	24.86 1.68 -0.16	24.91 1.73 -0.16	24.90 1.73 -0.16	26.63 1.80 -0.20	32.19 2.19 -0.38	42.14 3.04 -0.14	65.97 3.71 -15.34	54.30 3.57 -4.93	37.43 2.51 -0.11	34.28 2.35 -0.22	31.66 2.11 -0.26	27.55 1.55 -0.17
SHOEMAKR_138KV_BK 111 55601	24.13 1.24 0.00	22.97 1.18 0.00	20.54 1.02 0.00	20.12 0.96 0.00	21.92 1.04 0.00	25.12 1.15 0.00	38.65 2.23 -0.42	46.82 3.11 -0.57	37.92 2.39 -0.35	31.99 1.99 -0.25	28.09 1.82 -0.30	26.34 1.73 -0.23	24.86 1.68 -0.16	24.89 1.70 -0.16	24.93 1.75 -0.16	26.63 1.80 -0.20	32.19 2.19 -0.38	42.14 3.04 -0.14	65.92 3.66 -15.33	54.25 3.53 -4.93	37.40 2.47 -0.11	34.25 2.32 -0.22	31.63 2.08 -0.26	27.55 1.55 -0.17

SHOREHAM_IC_1 23715	40.62 1.79 -15.95	40.60 1.68 -17.12	40.52 1.41 -19.59	40.53 1.36 -20.01	39.32 1.54 -16.90	40.71 1.97 -14.77	195.49 2.70 -156.79	368.54 3.54 -321.86	303.24 2.82 -265.24	189.71 2.92 -157.04	140.67 2.86 -111.84	62.21 2.78 -35.04	48.71 2.69 -23.00	48.72 2.85 -22.84	69.07 2.67 -43.38	69.44 2.93 -41.87	74.50 3.64 -41.24	119.24 4.05 -76.23	750.50 4.79 -698.78	201.27 4.62 -150.85	132.72 3.34 -94.56	77.04 3.46 -41.86	70.95 3.34 -38.32	42.60 2.61 -14.16
SHOREHAM_IC_2 23716	40.62 1.79 -15.95	40.60 1.68 -17.12	40.52 1.41 -19.59	40.53 1.36 -20.01	39.32 1.54 -16.90	40.71 1.97 -14.77	195.49 2.70 -156.79	368.54 3.54 -321.86	303.24 2.82 -265.24	189.71 2.92 -157.04	140.67 2.86 -111.84	62.21 2.78 -35.04	48.71 2.69 -23.00	48.72 2.85 -22.84	69.07 2.67 -43.38	69.44 2.93 -41.87	74.50 3.64 -41.24	119.24 4.05 -76.23	750.50 4.79 -698.78	201.27 4.62 -150.85	132.72 3.34 -94.56	77.04 3.46 -41.86	70.95 3.34 -38.32	42.60 2.61 -14.16
SISSONVILLE____ 23735	22.55 -0.34 0.00	21.51 -0.28 0.00	19.25 -0.27 0.00	18.95 -0.21 0.00	20.62 -0.25 0.00	23.49 -0.48 0.00	34.92 -1.08 0.00	41.50 -1.64 0.00	33.74 -1.44 0.00	28.26 -1.49 0.00	24.65 -1.32 0.00	23.07 -1.32 0.00	21.74 -1.29 0.00	21.76 -1.27 0.00	21.75 -1.27 0.00	23.30 -1.33 0.00	28.28 -1.33 0.00	37.48 -1.48 0.00	45.98 -1.45 -0.50	44.38 -1.56 -0.14	33.60 -1.22 0.00	30.92 -0.79 0.00	28.91 -0.38 0.00	25.73 -0.10 0.00
SITHE_IND_GS1 24169	22.59 -0.30 0.00	21.49 -0.31 0.00	19.25 -0.27 0.00	18.90 -0.27 0.00	20.58 -0.29 0.00	23.61 -0.36 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.30 -0.88 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.57 0.00	22.40 -0.62 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.75 -0.86 0.00	37.79 -1.17 0.00	47.81 -1.46 -2.33	45.08 -1.37 -0.65	33.91 -0.91 0.00	30.76 -0.95 0.00	28.41 -0.88 0.00	25.21 -0.62 0.00
SITHE_IND_GS2 24170	22.59 -0.30 0.00	21.49 -0.31 0.00	19.25 -0.27 0.00	18.90 -0.27 0.00	20.58 -0.29 0.00	23.61 -0.36 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.30 -0.88 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.57 0.00	22.40 -0.62 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.75 -0.86 0.00	37.79 -1.17 0.00	47.81 -1.46 -2.33	45.08 -1.37 -0.65	33.91 -0.91 0.00	30.76 -0.95 0.00	28.41 -0.88 0.00	25.21 -0.62 0.00
SITHE_IND_GS3 24171	22.59 -0.30 0.00	21.49 -0.31 0.00	19.25 -0.27 0.00	18.90 -0.27 0.00	20.58 -0.29 0.00	23.61 -0.36 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.30 -0.88 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.57 0.00	22.40 -0.62 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.75 -0.86 0.00	37.79 -1.17 0.00	47.81 -1.46 -2.33	45.08 -1.37 -0.65	33.91 -0.91 0.00	30.76 -0.95 0.00	28.41 -0.88 0.00	25.21 -0.62 0.00
SITHE_IND_GS4 24172	22.59 -0.30 0.00	21.49 -0.31 0.00	19.25 -0.27 0.00	18.90 -0.27 0.00	20.58 -0.29 0.00	23.61 -0.36 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.30 -0.88 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.57 0.00	22.40 -0.62 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.75 -0.86 0.00	37.79 -1.17 0.00	47.81 -1.46 -2.33	45.08 -1.37 -0.65	33.91 -0.91 0.00	30.76 -0.95 0.00	28.41 -0.88 0.00	25.21 -0.62 0.00
SITHE____BATAVIA 24024	24.19 1.30 0.00	22.95 1.15 0.00	20.58 1.05 0.00	20.18 1.02 0.00	21.90 1.02 0.00	25.53 1.56 0.00	38.27 2.27 0.00	44.22 1.08 0.00	37.19 2.00 0.00	31.35 1.61 0.00	27.17 1.20 0.00	25.34 0.95 0.00	23.88 0.85 0.00	23.72 0.69 0.00	23.64 0.62 0.00	25.52 0.89 0.00	30.47 0.86 0.00	40.01 1.05 0.00	51.34 0.47 -3.94	47.59 0.69 -1.10	36.42 1.60 0.00	32.35 0.63 0.00	29.73 0.44 0.00	26.50 0.67 0.00
SITHE____INDEPEND 23800	22.59 -0.30 0.00	21.49 -0.31 0.00	19.23 -0.29 0.00	18.90 -0.27 0.00	20.58 -0.29 0.00	23.64 -0.34 0.00	35.21 -0.79 0.00	41.98 -1.16 0.00	34.34 -0.84 0.00	29.03 -0.71 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.45 -0.58 0.00	22.43 -0.60 0.00	22.40 -0.62 0.00	23.99 -0.64 0.00	28.75 -0.86 0.00	37.79 -1.17 0.00	47.81 -1.45 -2.33	45.08 -1.37 -0.65	33.88 -0.94 0.00	30.76 -0.95 0.00	28.41 -0.88 0.00	25.21 -0.62 0.00
SITHE____MASSENA 23902	22.62 -0.27 0.00	21.58 -0.22 0.00	19.31 -0.21 0.00	18.99 -0.17 0.00	20.69 -0.19 0.00	23.66 -0.31 0.00	35.39 -0.61 0.00	42.23 -0.91 0.00	34.44 -0.74 0.00	28.97 -0.77 0.00	25.33 -0.65 0.00	23.78 -0.61 0.00	22.43 -0.60 0.00	22.43 -0.60 0.00	22.42 -0.60 0.00	23.99 -0.64 0.00	28.99 -0.62 0.00	38.26 -0.70 0.00	46.18 -0.75 0.00	45.02 -0.78 0.00	34.19 -0.63 0.00	31.27 -0.44 0.00	29.00 -0.29 0.00	25.70 -0.13 0.00
SITHE____OGDNSBRG 24021	22.84 -0.05 0.00	21.78 -0.02 0.00	19.49 -0.04 0.00	19.20 0.04 0.00	20.92 0.04 0.00	23.90 -0.07 0.00	36.43 0.43 0.00	43.36 0.22 0.00	35.18 0.00 0.00	29.27 -0.48 0.00	25.38 -0.60 0.00	23.68 -0.71 0.00	22.26 -0.76 0.00	22.29 -0.74 0.00	22.28 -0.74 0.00	23.97 -0.67 0.00	29.26 -0.36 0.00	39.00 0.04 0.00	48.04 0.61 -0.50	46.39 0.46 -0.14	35.20 0.38 0.00	32.25 0.54 0.00	30.05 0.76 0.00	26.63 0.80 0.00
SITHE____STERLING 23777	23.78 0.89 0.00	22.60 0.81 0.00	20.21 0.68 0.00	19.89 0.73 0.00	21.69 0.81 0.00	24.98 1.01 0.00	37.66 1.66 0.00	45.13 1.99 0.00	36.87 1.69 0.00	31.05 1.31 0.00	26.97 0.99 0.00	25.24 0.85 0.00	23.81 0.78 0.00	23.76 0.74 0.00	23.73 0.71 0.00	25.49 0.86 0.00	30.77 1.15 0.00	40.67 1.71 0.00	50.65 2.16 -1.56	48.34 2.11 -0.44	36.56 1.74 0.00	33.17 1.46 0.00	30.52 1.23 0.00	26.84 1.01 0.00
SLEIGHT__34_KV_TB1 80719	23.30 0.41 0.00	22.12 0.33 0.00	19.78 0.25 0.00	19.41 0.25 0.00	21.17 0.29 0.00	24.52 0.55 0.00	36.83 0.83 0.00	43.49 0.35 0.00	35.99 0.81 0.00	30.37 0.62 0.00	26.37 0.39 0.00	24.68 0.29 0.00	23.28 0.25 0.00	23.19 0.16 0.00	23.14 0.12 0.00	24.85 0.22 0.00	29.76 0.15 0.00	39.12 0.16 0.00	50.70 0.14 -3.62	46.99 0.18 -1.01	35.34 0.52 0.00	31.75 0.03 0.00	29.23 -0.06 0.00	25.91 0.08 0.00
SOUTH CAIRO____GT 23612	24.22 1.33 0.00	23.04 1.24 0.00	20.64 1.11 0.00	20.22 1.05 0.00	22.00 1.13 0.00	25.05 1.08 0.00	38.14 2.38 0.24	45.83 3.02 0.33	37.30 2.32 0.20	31.24 1.63 0.14	27.18 1.38 0.17	25.45 1.19 0.13	24.04 1.11 0.09	24.09 1.15 0.09	24.10 1.17 0.09	25.75 1.23 0.11	31.05 1.66 0.22	41.69 2.81 0.08	66.55 3.61 -16.00	53.30 3.39 -4.12	37.13 2.37 0.06	33.77 2.19 0.13	30.93 1.79 0.15	27.00 1.27 0.10
SOUTH HAMPTN____IC 23720	40.67 2.01 -15.76	40.62 1.90 -16.93	40.50 1.60 -19.37	40.50 1.55 -19.78	39.33 1.75 -16.70	40.79 2.23 -14.59	194.14 3.13 -155.01	365.76 4.40 -318.22	300.92 3.55 -262.18	188.27 3.27 -155.26	139.66 3.19 -110.49	62.08 3.07 -34.63	48.69 2.95 -22.72	48.73 3.13 -22.57	68.80 2.92 -42.86	69.23 3.23 -41.37	74.36 4.00 -40.75	118.88 4.56 -75.36	743.32 5.35 -691.04	200.17 5.17 -149.20	132.09 3.80 -93.48	76.93 3.84 -41.38	70.82 3.66 -37.87	42.74 2.92 -13.99

SOUTHDOWN_115KV_TB1 355954	24.86 1.97 0.00	23.58 1.79 0.00	21.20 1.68 0.00	20.89 1.72 0.00	22.63 1.75 0.00	26.61 2.64 0.00	39.53 3.53 0.00	45.99 2.85 0.00	38.66 3.48 0.00	32.72 2.97 0.00	28.45 2.47 0.00	26.56 2.17 0.00	24.96 1.93 0.00	24.75 1.73 0.00	24.59 1.57 0.00	26.53 1.90 0.00	31.69 2.07 0.00	41.65 2.69 0.00	52.74 1.27 -4.54	48.58 1.51 -1.27	37.81 2.99 0.00	33.20 1.49 0.00	30.49 1.20 0.00	27.20 1.37 0.00
SOUTHOLD_69_KV_BK 2 55809	40.98 2.33 -15.76	40.94 2.22 -16.92	40.74 1.85 -19.36	40.76 1.82 -19.77	39.64 2.07 -16.70	41.05 2.49 -14.58	194.69 3.74 -154.94	366.32 5.09 -318.08	301.34 4.08 -262.08	188.68 3.75 -155.19	140.01 3.59 -110.45	62.46 3.46 -34.61	49.03 3.29 -22.71	48.88 3.29 -22.56	69.15 3.29 -42.84	69.63 3.65 -41.35	74.90 4.56 -40.73	119.67 5.38 -75.33	743.98 6.29 -690.76	200.98 6.05 -149.14	132.78 4.53 -93.44	77.48 4.41 -41.36	71.26 4.13 -37.84	43.11 3.31 -13.98
SOUTHOLD___IC 23719	40.98 2.34 -15.76	40.92 2.20 -16.92	40.74 1.86 -19.36	40.76 1.82 -19.77	39.64 2.07 -16.70	41.12 2.57 -14.58	194.61 3.67 -154.94	366.31 5.09 -318.08	301.44 4.18 -262.08	188.68 3.75 -155.19	140.01 3.59 -110.45	62.46 3.46 -34.61	49.03 3.29 -22.71	49.06 3.48 -22.56	69.13 3.27 -42.84	69.58 3.60 -41.36	74.85 4.50 -40.74	119.55 5.26 -75.33	743.84 6.15 -690.76	200.93 6.00 -149.14	132.72 4.46 -93.44	77.45 4.38 -41.36	71.27 4.13 -37.85	43.12 3.31 -13.99
SPIERFLS_115KV_TB 1 80737	23.78 0.89 0.00	22.63 0.83 0.00	20.50 0.98 0.00	20.05 0.88 0.00	22.04 1.17 0.00	25.46 1.49 0.00	38.37 2.84 0.47	46.29 3.80 0.65	37.81 3.03 0.39	31.87 2.41 0.28	27.72 2.08 0.34	26.01 1.88 0.26	24.50 1.66 0.18	24.58 1.73 0.18	24.55 1.70 0.18	26.23 1.82 0.22	31.22 2.04 0.43	41.72 2.92 0.16	66.96 3.61 -16.42	53.25 3.57 -3.88	37.31 2.61 0.12	33.65 2.19 0.25	30.81 1.82 0.29	26.93 1.29 0.19
ST LAWRENCE____ 23600	22.36 -0.53 0.00	21.32 -0.48 0.00	19.11 -0.41 0.00	18.78 -0.38 0.00	20.46 -0.42 0.00	23.42 -0.55 0.00	35.03 -0.97 0.00	41.93 -1.21 0.00	34.16 -1.02 0.00	28.82 -0.92 0.00	25.20 -0.78 0.00	23.65 -0.73 0.00	22.31 -0.71 0.00	22.34 -0.69 0.00	22.33 -0.69 0.00	23.89 -0.74 0.00	28.81 -0.80 0.00	37.95 -1.01 0.00	45.80 -1.13 0.00	44.70 -1.10 0.00	33.91 -0.91 0.00	30.99 -0.73 0.00	28.73 -0.56 0.00	25.41 -0.41 0.00
STATE_CA_115KV_115_LB 55624	23.62 0.73 0.00	22.49 0.70 0.00	20.13 0.61 0.00	19.72 0.56 0.00	21.42 0.54 0.00	24.57 0.60 0.00	36.78 1.30 0.51	44.16 1.73 0.71	36.05 1.30 0.43	30.56 1.13 0.31	26.62 1.01 0.37	25.06 0.95 0.28	23.73 0.90 0.20	23.73 0.90 0.19	23.75 0.92 0.19	25.35 0.96 0.24	30.32 1.18 0.47	40.46 1.68 0.17	64.83 2.02 -15.88	51.43 1.97 -3.66	36.01 1.32 0.13	32.71 1.27 0.27	30.08 1.11 0.32	26.37 0.75 0.21
STATE_ST_34_KV_LOAD 55959	23.65 0.76 0.00	22.45 0.65 0.00	20.09 0.57 0.00	19.74 0.57 0.00	21.52 0.65 0.00	24.86 0.89 0.00	37.37 1.37 0.00	44.44 1.29 0.00	36.48 1.30 0.00	30.91 1.16 0.00	26.86 0.88 0.00	25.17 0.78 0.00	23.72 0.69 0.00	23.65 0.62 0.00	23.62 0.60 0.00	25.32 0.69 0.00	30.41 0.80 0.00	40.01 1.05 0.00	51.87 1.13 -3.81	48.01 1.14 -1.07	36.04 1.22 0.00	32.51 0.79 0.00	29.90 0.62 0.00	26.45 0.62 0.00
STATION 5_MISC_HYD 23604	23.58 0.69 0.00	22.39 0.59 0.00	20.03 0.51 0.00	19.64 0.48 0.00	21.37 0.50 0.00	24.76 0.79 0.00	37.15 1.15 0.00	43.49 0.34 0.00	36.20 1.02 0.00	30.55 0.80 0.00	26.52 0.55 0.00	24.80 0.41 0.00	23.42 0.39 0.00	23.30 0.28 0.00	23.25 0.23 0.00	25.00 0.37 0.00	29.91 0.30 0.00	39.24 0.27 0.00	50.71 0.14 -3.64	47.09 0.28 -1.02	35.52 0.70 0.00	31.84 0.13 0.00	29.32 0.03 0.00	26.03 0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.67 0.78 0.00	22.45 0.65 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.50 0.63 0.00	24.93 0.96 0.00	37.37 1.37 0.00	44.09 0.95 0.00	36.55 1.37 0.00	30.85 1.10 0.00	26.78 0.81 0.00	25.04 0.66 0.00	23.60 0.58 0.00	23.51 0.48 0.00	23.46 0.44 0.00	25.22 0.59 0.00	30.20 0.59 0.00	39.62 0.66 0.00	51.31 0.70 -3.67	47.60 0.78 -1.03	35.86 1.04 0.00	32.19 0.48 0.00	29.64 0.35 0.00	26.27 0.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.42 0.53 0.00	22.19 0.39 0.00	19.86 0.33 0.00	19.49 0.33 0.00	21.23 0.35 0.00	24.62 0.65 0.00	36.83 0.83 0.00	43.27 0.13 0.00	35.99 0.81 0.00	30.34 0.59 0.00	26.37 0.39 0.00	24.65 0.27 0.00	23.28 0.25 0.00	23.19 0.16 0.00	23.11 0.09 0.00	24.85 0.22 0.00	29.73 0.12 0.00	39.00 0.04 0.00	50.51 -0.05 -3.63	46.86 0.05 -1.02	35.27 0.45 0.00	31.62 -0.10 0.00	29.17 -0.12 0.00	25.88 0.05 0.00
STA_56___34_KV_BUS2 355983	23.42 0.53 0.00	22.19 0.39 0.00	19.86 0.33 0.00	19.49 0.33 0.00	21.23 0.35 0.00	24.62 0.65 0.00	36.83 0.83 0.00	43.27 0.13 0.00	35.99 0.81 0.00	30.34 0.59 0.00	26.37 0.39 0.00	24.65 0.27 0.00	23.28 0.25 0.00	23.19 0.16 0.00	23.11 0.09 0.00	24.85 0.22 0.00	29.73 0.12 0.00	39.00 0.04 0.00	50.51 -0.05 -3.63	46.86 0.05 -1.02	35.27 0.45 0.00	31.62 -0.10 0.00	29.17 -0.12 0.00	25.88 0.05 0.00
STA_67___115KV_BK2 355882	23.53 0.64 0.00	22.30 0.50 0.00	19.97 0.45 0.00	19.61 0.44 0.00	21.33 0.46 0.00	24.76 0.79 0.00	36.97 0.97 0.00	43.40 0.26 0.00	36.10 0.91 0.00	30.46 0.71 0.00	26.47 0.49 0.00	24.75 0.37 0.00	23.37 0.35 0.00	23.26 0.23 0.00	23.20 0.18 0.00	24.95 0.32 0.00	29.82 0.21 0.00	39.12 0.16 0.00	50.61 0.05 -3.63	47.00 0.18 -1.02	35.41 0.59 0.00	31.71 0.00 0.00	29.26 -0.03 0.00	25.98 0.15 0.00
STA_7___115KV_9TRANS 80674	23.69 0.80 0.00	22.43 0.63 0.00	20.07 0.55 0.00	19.72 0.56 0.00	21.46 0.58 0.00	24.91 0.93 0.00	37.26 1.26 0.00	43.70 0.56 0.00	36.41 1.23 0.00	30.70 0.95 0.00	26.65 0.68 0.00	24.92 0.54 0.00	23.53 0.51 0.00	23.42 0.39 0.00	23.37 0.35 0.00	25.13 0.49 0.00	30.06 0.44 0.00	39.39 0.43 0.00	50.99 0.42 -3.64	47.36 0.55 -1.02	35.69 0.87 0.00	31.97 0.25 0.00	29.47 0.18 0.00	26.14 0.31 0.00
STA_82___115KV_TB1 80780	23.55 0.66 0.00	22.32 0.52 0.00	19.97 0.45 0.00	19.63 0.46 0.00	21.35 0.48 0.00	24.79 0.82 0.00	37.01 1.01 0.00	43.44 0.30 0.00	36.13 0.95 0.00	30.49 0.74 0.00	26.47 0.49 0.00	24.78 0.39 0.00	23.37 0.35 0.00	23.28 0.25 0.00	23.20 0.18 0.00	24.98 0.34 0.00	29.85 0.24 0.00	39.12 0.16 0.00	50.63 0.05 -3.65	47.00 0.18 -1.02	35.45 0.63 0.00	31.75 0.03 0.00	29.29 0.00 0.00	25.98 0.15 0.00
STEEL___WIND 323596	24.13 1.24 0.00	22.95 1.15 0.00	20.58 1.05 0.00	20.22 1.05 0.00	21.90 1.02 0.00	25.55 1.58 0.00	38.01 2.01 0.00	43.66 0.52 0.00	36.80 1.62 0.00	31.17 1.43 0.00	27.15 1.17 0.00	25.34 0.95 0.00	23.85 0.83 0.00	23.69 0.67 0.00	23.57 0.55 0.00	25.47 0.84 0.00	30.35 0.74 0.00	39.82 0.86 0.00	50.63 -0.66 -4.36	46.60 -0.41 -1.22	36.21 1.39 0.00	32.00 0.28 0.00	29.44 0.15 0.00	26.37 0.54 0.00

STEPHTWN_115KV_BK_2 55603	23.74 0.85 0.00	22.58 0.78 0.00	20.23 0.70 0.00	19.80 0.63 0.00	21.52 0.65 0.00	24.72 0.74 0.00	37.11 1.62 0.51	44.51 2.07 0.71	36.30 1.55 0.43	30.77 1.34 0.31	26.83 1.22 0.37	25.23 1.12 0.28	23.87 1.04 0.20	23.89 1.06 0.19	23.91 1.08 0.19	25.55 1.16 0.24	30.56 1.42 0.47	40.89 2.10 0.17	65.22 2.53 -15.76	51.85 2.43 -3.63	36.36 1.67 0.13	33.03 1.59 0.27	30.32 1.35 0.32	26.58 0.96 0.21
STEUBEN_REC_LFGE 323667	24.33 1.44 0.00	23.13 1.33 0.00	20.72 1.19 0.00	20.43 1.26 0.00	22.25 1.38 0.00	26.03 2.06 0.00	38.92 2.92 0.00	45.51 2.37 0.00	38.00 2.81 0.00	32.21 2.47 0.00	27.93 1.95 0.00	26.07 1.68 0.00	24.52 1.50 0.00	24.38 1.36 0.00	24.29 1.27 0.00	26.18 1.55 0.00	31.30 1.69 0.00	41.14 2.18 0.00	53.59 1.55 -5.11	48.88 1.65 -1.43	37.47 2.65 0.00	33.24 1.52 0.00	30.64 1.35 0.00	27.25 1.42 0.00
STILLWATER___SOLAR 323814	23.85 0.96 0.00	22.71 0.92 0.00	20.44 0.92 0.00	19.99 0.82 0.00	21.83 0.96 0.00	25.17 1.20 0.00	37.76 2.27 0.51	45.55 3.11 0.70	37.19 2.43 0.42	31.37 1.93 0.31	27.30 1.69 0.36	25.65 1.54 0.28	24.24 1.40 0.19	24.29 1.45 0.19	24.28 1.45 0.19	25.95 1.55 0.24	30.98 1.84 0.46	41.44 2.65 0.17	66.39 3.24 -16.22	52.77 3.21 -3.77	36.99 2.30 0.13	33.47 2.03 0.27	30.70 1.73 0.31	26.89 1.27 0.20
STONY___BROOK 24151	42.64 1.58 -18.17	42.79 1.48 -19.51	43.09 1.23 -22.33	43.14 1.17 -22.80	41.43 1.29 -19.26	42.49 1.65 -16.87	216.85 2.23 -178.62	413.25 3.49 -366.62	340.25 2.75 -302.32	211.21 2.56 -178.91	156.15 2.55 -127.62	66.86 2.51 -39.97	51.67 2.42 -26.22	51.65 2.58 -26.05	74.91 2.39 -49.50	75.01 2.61 -47.77	79.80 3.17 -47.02	129.22 3.43 -86.82	844.74 4.04 -793.78	220.77 3.89 -171.09	145.36 2.79 -107.76	82.37 2.95 -47.70	75.92 2.93 -43.70	44.26 2.30 -16.14
STURGEON_POOL_HYD 23609	23.90 1.01 0.00	22.80 1.00 0.00	20.38 0.86 0.00	19.95 0.79 0.00	21.73 0.86 0.00	24.93 0.96 0.00	38.21 2.02 -0.19	46.38 2.98 -0.27	37.63 2.29 -0.16	31.83 1.96 -0.12	27.94 1.82 -0.14	26.27 1.78 -0.11	24.83 1.73 -0.07	24.82 1.73 -0.07	24.87 1.77 -0.07	26.55 1.82 -0.09	31.98 2.19 -0.18	41.91 2.88 -0.07	66.16 3.43 -15.80	53.86 3.34 -4.72	37.10 2.23 -0.05	33.97 2.16 -0.10	31.40 1.99 -0.12	27.38 1.47 -0.08
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.94 1.05 0.00	22.80 1.00 0.00	20.38 0.86 0.00	19.97 0.80 0.00	21.75 0.88 0.00	25.00 1.03 0.00	38.36 1.94 -0.42	46.56 2.85 -0.58	37.68 2.15 -0.35	31.87 1.87 -0.25	27.99 1.71 -0.30	26.27 1.66 -0.23	24.77 1.59 -0.16	24.79 1.61 -0.16	24.81 1.63 -0.16	26.53 1.70 -0.20	32.04 2.04 -0.38	41.83 2.73 -0.14	65.52 3.24 -15.35	53.89 3.16 -4.94	37.12 2.19 -0.11	34.00 2.06 -0.22	31.42 1.87 -0.26	27.39 1.39 -0.17
SWANROAD_115KV_TB1 355699	23.55 0.66 0.00	22.34 0.54 0.00	20.03 0.51 0.00	19.76 0.59 0.00	21.35 0.48 0.00	25.00 1.03 0.00	36.83 0.83 0.00	42.24 -0.91 0.00	35.64 0.46 0.00	30.16 0.42 0.00	26.26 0.29 0.00	24.51 0.12 0.00	23.09 0.07 0.00	22.96 -0.07 0.00	22.84 -0.18 0.00	24.66 0.02 0.00	29.41 -0.21 0.00	38.34 -0.62 0.00	49.30 -1.78 -4.15	45.49 -1.47 -1.16	34.92 0.10 0.00	30.89 -0.82 0.00	28.50 -0.79 0.00	25.57 -0.26 0.00
SYNERGY___BIOGAS 323694	24.19 1.30 0.00	22.95 1.15 0.00	20.58 1.05 0.00	20.18 1.02 0.00	21.90 1.02 0.00	25.53 1.56 0.00	38.27 2.27 0.00	44.22 1.08 0.00	37.19 2.00 0.00	31.35 1.61 0.00	27.17 1.20 0.00	25.34 0.95 0.00	23.88 0.85 0.00	23.72 0.69 0.00	23.64 0.62 0.00	25.52 0.89 0.00	30.47 0.86 0.00	40.01 1.05 0.00	51.34 0.47 -3.94	47.59 0.69 -1.10	36.42 1.60 0.00	32.35 0.63 0.00	29.73 0.44 0.00	26.50 0.67 0.00
SYRACUSE___ENERGY_ST1 323597	23.35 0.46 0.00	22.21 0.41 0.00	19.86 0.33 0.00	19.51 0.34 0.00	21.27 0.40 0.00	24.48 0.50 0.00	36.72 0.72 0.00	43.75 0.60 0.00	35.85 0.67 0.00	30.34 0.59 0.00	26.42 0.44 0.00	24.78 0.39 0.00	23.37 0.35 0.00	23.32 0.30 0.00	23.30 0.28 0.00	24.95 0.32 0.00	29.94 0.33 0.00	39.39 0.43 0.00	50.74 0.42 -3.39	47.20 0.46 -0.95	35.41 0.59 0.00	32.03 0.32 0.00	29.52 0.23 0.00	26.11 0.28 0.00
SYRACUSE___ENERGY_ST2 323598	23.35 0.46 0.00	22.21 0.41 0.00	19.86 0.33 0.00	19.51 0.34 0.00	21.27 0.40 0.00	24.48 0.50 0.00	36.72 0.72 0.00	43.75 0.60 0.00	35.85 0.67 0.00	30.34 0.59 0.00	26.42 0.44 0.00	24.78 0.39 0.00	23.37 0.35 0.00	23.32 0.30 0.00	23.30 0.28 0.00	24.95 0.32 0.00	29.94 0.33 0.00	39.39 0.43 0.00	50.74 0.42 -3.39	47.20 0.46 -0.95	35.41 0.59 0.00	32.03 0.32 0.00	29.52 0.23 0.00	26.11 0.28 0.00
SYRACUSE___POWER 24017	23.26 0.37 0.00	22.12 0.33 0.00	19.78 0.25 0.00	19.43 0.27 0.00	21.17 0.29 0.00	24.36 0.38 0.00	36.50 0.50 0.00	43.53 0.39 0.00	35.67 0.49 0.00	30.16 0.42 0.00	26.29 0.31 0.00	24.68 0.29 0.00	23.28 0.25 0.00	23.23 0.21 0.00	23.23 0.21 0.00	24.88 0.25 0.00	29.82 0.21 0.00	39.19 0.23 0.00	50.57 0.23 -3.41	46.98 0.23 -0.95	35.24 0.42 0.00	31.87 0.16 0.00	29.38 0.09 0.00	25.98 0.15 0.00
TALLMAN__138KV_BK151 55660	23.92 1.03 0.00	22.78 0.98 0.00	20.36 0.84 0.00	19.95 0.79 0.00	21.71 0.83 0.00	24.98 1.01 0.00	38.37 1.94 -0.43	46.62 2.89 -0.59	37.72 2.18 -0.36	31.97 1.96 -0.26	28.10 1.82 -0.31	26.38 1.76 -0.23	24.89 1.70 -0.16	24.89 1.70 -0.16	24.91 1.73 -0.16	26.63 1.80 -0.20	32.14 2.13 -0.39	41.87 2.77 -0.14	65.69 3.29 -15.48	53.99 3.21 -4.99	37.16 2.23 -0.11	34.04 2.09 -0.23	31.46 1.90 -0.27	27.42 1.42 -0.17
TEALLAVE_115KV_TB7 355573	23.14 0.25 0.00	21.99 0.20 0.00	19.68 0.16 0.00	19.34 0.17 0.00	21.06 0.19 0.00	24.21 0.24 0.00	36.25 0.25 0.00	43.23 0.09 0.00	35.43 0.25 0.00	29.95 0.21 0.00	26.13 0.16 0.00	24.53 0.15 0.00	23.16 0.14 0.00	23.12 0.09 0.00	23.09 0.07 0.00	24.73 0.10 0.00	29.64 0.03 0.00	38.92 -0.04 0.00	49.90 -0.14 -3.11	46.58 -0.09 -0.87	34.96 0.14 0.00	31.65 -0.06 0.00	29.17 -0.12 0.00	25.80 -0.03 0.00
TELEGRAPH_34_KV_EAST 80808	23.97 1.08 0.00	22.69 0.89 0.00	20.34 0.82 0.00	20.03 0.86 0.00	21.71 0.83 0.00	25.39 1.41 0.00	37.66 1.66 0.00	43.49 0.35 0.00	36.62 1.44 0.00	30.94 1.19 0.00	26.86 0.88 0.00	25.07 0.68 0.00	23.62 0.60 0.00	23.46 0.44 0.00	23.37 0.35 0.00	25.25 0.62 0.00	30.12 0.50 0.00	39.39 0.43 0.00	50.62 -0.33 -4.01	46.83 -0.09 -1.12	35.86 1.04 0.00	31.75 0.03 0.00	29.29 0.00 0.00	26.16 0.34 0.00
TEMPLE___115KV_TB 2 55572	23.17 0.27 0.00	22.04 0.24 0.00	19.70 0.18 0.00	19.36 0.19 0.00	21.08 0.21 0.00	24.24 0.26 0.00	36.29 0.29 0.00	43.27 0.13 0.00	35.46 0.28 0.00	30.01 0.27 0.00	26.16 0.18 0.00	24.56 0.17 0.00	23.19 0.16 0.00	23.14 0.12 0.00	23.11 0.09 0.00	24.76 0.12 0.00	29.67 0.06 0.00	38.96 0.00 0.00	49.98 -0.09 -3.14	46.63 -0.05 -0.88	34.99 0.17 0.00	31.68 -0.03 0.00	29.20 -0.09 0.00	25.83 0.00 0.00

TIANA___69_KV_BK 1 55817	40.60 1.95 -15.76	40.57 1.85 -16.92	40.41 1.52 -19.36	40.41 1.48 -19.77	39.26 1.69 -16.70	40.62 2.06 -14.58	194.01 3.06 -154.95	365.52 4.27 -318.11	300.69 3.41 -262.10	188.10 3.15 -155.20	139.53 3.09 -110.46	62.00 3.00 -34.61	48.62 2.88 -22.71	48.44 2.86 -22.56	68.74 2.88 -42.85	69.16 3.18 -41.35	74.28 3.94 -40.73	118.82 4.52 -75.34	743.09 5.35 -690.81	200.03 5.08 -149.15	131.99 3.73 -93.45	76.82 3.74 -41.36	70.71 3.57 -37.85	42.62 2.82 -13.98
TILDEN___115KV_TB1 80814	23.26 0.37 0.00	22.12 0.33 0.00	19.78 0.25 0.00	19.43 0.27 0.00	21.17 0.29 0.00	24.36 0.38 0.00	36.50 0.50 0.00	43.53 0.39 0.00	35.67 0.49 0.00	30.16 0.42 0.00	26.29 0.31 0.00	24.68 0.29 0.00	23.28 0.25 0.00	23.23 0.21 0.00	23.23 0.21 0.00	24.88 0.25 0.00	29.82 0.21 0.00	39.19 0.23 0.00	50.57 0.23 -3.41	46.98 0.23 -0.95	35.24 0.42 0.00	31.87 0.16 0.00	29.38 0.09 0.00	25.98 0.15 0.00
TRIGEN___CC 323695	24.20 1.30 0.00	23.04 1.24 0.00	20.56 1.03 0.00	20.14 0.98 0.00	21.96 1.09 0.00	25.37 1.34 -0.05	38.73 2.20 -0.53	47.20 3.32 -0.73	38.46 2.53 -0.75	32.46 2.35 -0.37	29.11 2.31 -0.82	27.08 2.27 -0.43	25.53 2.21 -0.29	25.52 2.21 -0.29	25.62 2.23 -0.37	27.44 2.39 -0.41	33.10 2.84 -0.65	42.49 3.35 -0.18	67.94 3.90 -17.11	55.20 3.80 -5.61	37.70 2.68 -0.20	34.77 2.70 -0.36	32.32 2.55 -0.48	28.03 1.94 -0.27
TRINITY___115KV___4 BK 55933	23.55 0.66 0.00	22.43 0.63 0.00	20.07 0.55 0.00	19.66 0.50 0.00	21.35 0.48 0.00	24.50 0.53 0.00	36.67 1.19 0.51	44.03 1.60 0.71	35.91 1.16 0.43	30.48 1.04 0.31	26.52 0.91 0.37	24.96 0.85 0.28	23.63 0.81 0.20	23.66 0.83 0.19	23.66 0.83 0.19	25.28 0.89 0.24	30.21 1.07 0.47	40.31 1.52 0.17	64.54 1.83 -15.78	51.17 1.74 -3.63	35.84 1.15 0.13	32.61 1.17 0.27	29.97 1.00 0.32	26.29 0.67 0.21
UNION___PROCESSING_DRP 323587	23.55 0.66 0.00	22.32 0.52 0.00	19.99 0.47 0.00	19.63 0.46 0.00	21.35 0.48 0.00	24.79 0.82 0.00	37.04 1.04 0.00	43.44 0.30 0.00	36.17 0.99 0.00	30.49 0.74 0.00	26.50 0.52 0.00	24.78 0.39 0.00	23.39 0.37 0.00	23.28 0.25 0.00	23.23 0.21 0.00	24.98 0.34 0.00	29.85 0.24 0.00	39.16 0.19 0.00	50.68 0.09 -3.65	47.05 0.23 -1.02	35.45 0.63 0.00	31.75 0.03 0.00	29.29 0.00 0.00	26.01 0.18 0.00
UPPER HUDSON___HYD 24058	23.78 0.89 0.00	22.63 0.83 0.00	20.50 0.98 0.00	20.05 0.88 0.00	22.04 1.17 0.00	25.44 1.46 0.00	38.37 2.84 0.47	46.29 3.80 0.65	37.81 3.03 0.39	31.87 2.41 0.28	27.72 2.08 0.34	26.01 1.88 0.26	24.50 1.66 0.18	24.58 1.73 0.18	24.55 1.70 0.18	26.23 1.82 0.22	31.22 2.04 0.43	41.73 2.92 0.16	66.96 3.61 -16.42	53.25 3.57 -3.88	37.31 2.61 0.12	33.65 2.19 0.25	30.81 1.82 0.29	26.93 1.29 0.19
UPPER RAQUET___HYD 24056	22.55 -0.34 0.00	21.51 -0.28 0.00	19.25 -0.27 0.00	18.96 -0.21 0.00	20.62 -0.25 0.00	23.49 -0.48 0.00	34.88 -1.12 0.00	41.50 -1.64 0.00	33.74 -1.44 0.00	28.26 -1.49 0.00	24.65 -1.32 0.00	23.07 -1.32 0.00	21.74 -1.29 0.00	21.76 -1.27 0.00	21.75 -1.27 0.00	23.30 -1.33 0.00	28.28 -1.33 0.00	37.48 -1.48 0.00	45.97 -1.46 -0.50	44.43 -1.51 -0.14	33.60 -1.22 0.00	30.89 -0.82 0.00	28.91 -0.38 0.00	25.73 -0.10 0.00
VALLEY44_115KV_TB2 355964	24.24 1.35 0.00	22.97 1.18 0.00	20.62 1.09 0.00	20.32 1.15 0.00	22.00 1.13 0.00	25.77 1.80 0.00	38.27 2.27 0.00	44.26 1.12 0.00	37.22 2.04 0.00	31.53 1.78 0.00	27.43 1.45 0.00	25.60 1.22 0.00	24.11 1.08 0.00	23.95 0.92 0.00	23.83 0.81 0.00	25.69 1.06 0.00	30.65 1.04 0.00	40.25 1.29 0.00	50.54 -0.99 -4.59	46.35 -0.73 -1.29	36.67 1.85 0.00	32.32 0.60 0.00	29.82 0.53 0.00	26.73 0.90 0.00
VALLEY___115KV_TB 1-4 80826	23.10 0.21 0.00	22.02 0.22 0.00	19.76 0.23 0.00	19.45 0.29 0.00	21.21 0.33 0.00	24.43 0.46 0.00	36.76 0.76 0.00	44.13 0.99 0.00	36.03 0.84 0.00	30.46 0.71 0.00	26.55 0.57 0.00	24.90 0.51 0.00	23.51 0.48 0.00	23.51 0.48 0.00	23.50 0.48 0.00	25.20 0.57 0.00	30.29 0.68 0.00	39.90 0.94 0.00	48.47 1.17 -0.37	47.04 1.14 -0.10	35.76 0.94 0.00	32.63 0.92 0.00	30.14 0.85 0.00	26.55 0.72 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.36 1.46 0.00	23.17 1.37 0.00	20.73 1.21 0.00	20.41 1.25 0.00	22.19 1.32 0.00	25.56 1.58 0.00	38.66 2.66 0.00	46.51 3.37 0.00	37.96 2.78 0.00	32.01 2.26 0.00	27.85 1.87 0.00	26.09 1.71 0.00	24.61 1.59 0.00	24.59 1.57 0.00	24.56 1.54 0.00	26.36 1.72 0.00	31.77 2.16 0.00	41.88 2.92 0.00	59.46 3.52 -9.01	51.75 3.43 -2.52	37.54 2.72 0.00	34.09 2.38 0.00	31.40 2.11 0.00	27.51 1.68 0.00
VISCHER___FERRY HYD 24020	23.67 0.78 0.00	22.52 0.72 0.00	20.21 0.68 0.00	19.80 0.63 0.00	21.54 0.67 0.00	24.81 0.84 0.00	37.03 1.66 0.63	44.65 2.37 0.87	36.48 1.83 0.53	30.85 1.49 0.38	26.85 1.32 0.45	25.26 1.22 0.34	23.94 1.15 0.24	23.99 1.20 0.24	23.96 1.17 0.24	25.59 1.26 0.30	30.55 1.51 0.58	40.85 2.10 0.21	65.00 2.53 -15.54	51.66 2.47 -3.39	36.40 1.74 0.16	32.96 1.59 0.34	30.31 1.41 0.39	26.58 1.01 0.25
V_A_10_SYNC_DSASP 323832	23.48 0.59 0.00	22.34 0.55 0.00	20.03 0.51 0.00	19.66 0.50 0.00	21.31 0.44 0.00	24.79 0.82 0.00	36.86 0.86 0.00	42.41 -0.73 0.00	35.61 0.42 0.00	30.13 0.39 0.00	26.26 0.29 0.00	24.53 0.15 0.00	23.12 0.09 0.00	22.98 -0.05 0.00	22.91 -0.11 0.00	24.68 0.05 0.00	29.44 -0.18 0.00	38.50 -0.47 0.00	49.72 -1.22 -4.01	45.95 -0.96 -1.12	34.96 0.14 0.00	31.11 -0.60 0.00	28.64 -0.64 0.00	25.62 -0.21 0.00
V_CMM_10_SYNC_DSASP 323787	22.45 -0.44 0.00	21.41 -0.39 0.00	19.17 -0.35 0.00	18.84 -0.33 0.00	20.54 -0.33 0.00	23.52 -0.46 0.00	35.21 -0.79 0.00	42.06 -1.08 0.00	34.30 -0.88 0.00	28.91 -0.83 0.00	25.28 -0.70 0.00	23.73 -0.66 0.00	22.38 -0.64 0.00	22.40 -0.62 0.00	22.40 -0.62 0.00	23.97 -0.66 0.00	28.90 -0.71 0.00	38.10 -0.86 0.00	45.99 -0.94 0.00	44.83 -0.96 0.00	34.05 -0.77 0.00	31.11 -0.60 0.00	28.82 -0.47 0.00	25.52 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	22.89 0.00 0.00	21.88 0.09 0.00	19.62 0.10 0.00	19.36 0.19 0.00	21.17 0.29 0.00	24.31 0.34 0.00	35.75 -0.25 0.00	41.98 -1.16 0.00	34.20 -0.98 0.00	29.09 -0.65 0.00	25.51 -0.47 0.00	23.92 -0.46 0.00	22.56 -0.46 0.00	22.68 -0.34 0.00	22.72 -0.30 0.00	24.39 -0.25 0.00	29.61 0.00 0.00	38.73 -0.23 0.00	46.74 -0.19 0.00	45.48 -0.32 0.00	34.61 -0.21 0.00	31.94 0.22 0.00	30.11 0.82 0.00	26.76 0.93 0.00
V_E_10_SYNC_DSASP 323830	25.02 2.13 0.00	23.78 1.98 0.00	21.22 1.70 0.00	21.01 1.84 0.00	22.94 2.07 0.00	26.61 2.64 0.00	40.39 4.39 0.00	48.27 5.13 0.00	39.44 4.26 0.00	33.02 3.27 0.00	28.45 2.47 0.00	26.56 2.17 0.00	25.01 1.98 0.00	24.94 1.91 0.00	24.91 1.89 0.00	26.92 2.29 0.00	32.69 3.08 0.00	43.48 4.52 0.00	59.23 5.63 -6.67	53.16 5.49 -1.87	39.52 4.70 0.00	35.58 3.87 0.00	32.60 3.31 0.00	28.59 2.77 0.00

V_F_30_NSYNC___DSASP 323816	23.87 0.98 0.00	22.73 0.94 0.00	20.46 0.94 0.00	20.03 0.86 0.00	21.85 0.98 0.00	25.19 1.22 0.00	37.85 2.34 0.49	45.61 3.15 0.68	37.23 2.46 0.41	31.44 1.99 0.30	27.37 1.74 0.35	25.70 1.58 0.27	24.29 1.45 0.19	24.34 1.50 0.18	24.31 1.47 0.18	25.98 1.58 0.23	31.06 1.90 0.45	41.52 2.73 0.17	66.57 3.33 -16.31	52.86 3.25 -3.82	37.06 2.37 0.13	33.51 2.06 0.26	30.74 1.76 0.30	26.95 1.32 0.20
V_F_30_SYNC_DSASP 323786	23.62 0.73 0.00	22.47 0.68 0.00	20.13 0.61 0.00	19.72 0.56 0.00	21.42 0.54 0.00	24.57 0.60 0.00	36.78 1.30 0.51	44.16 1.73 0.71	36.05 1.30 0.43	30.56 1.13 0.31	26.62 1.01 0.37	25.06 0.95 0.28	23.70 0.87 0.20	23.73 0.90 0.19	23.75 0.92 0.19	25.35 0.96 0.24	30.32 1.18 0.47	40.46 1.68 0.17	64.82 2.02 -15.88	51.38 1.92 -3.66	36.01 1.32 0.13	32.71 1.27 0.27	30.05 1.08 0.32	26.37 0.75 0.21
V_XM_10_SYNC_DSASP 323789	22.89 0.00 0.00	21.88 0.09 0.00	19.62 0.10 0.00	19.36 0.19 0.00	21.17 0.29 0.00	24.31 0.34 0.00	35.75 -0.25 0.00	41.98 -1.16 0.00	34.20 -0.98 0.00	29.09 -0.65 0.00	25.51 -0.47 0.00	23.92 -0.46 0.00	22.56 -0.46 0.00	22.68 -0.34 0.00	22.72 -0.30 0.00	24.39 -0.25 0.00	29.61 0.00 0.00	38.73 -0.23 0.00	46.74 -0.19 0.00	45.48 -0.32 0.00	34.61 -0.21 0.00	31.94 0.22 0.00	30.11 0.82 0.00	26.76 0.93 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.97 1.08 0.00	22.84 1.05 0.00	20.42 0.90 0.00	20.01 0.84 0.00	21.77 0.90 0.00	25.05 1.08 0.00	38.48 2.05 -0.43	46.80 3.06 -0.59	37.86 2.32 -0.36	32.06 2.05 -0.26	28.18 1.90 -0.31	26.45 1.83 -0.24	24.94 1.75 -0.16	24.96 1.77 -0.16	24.98 1.80 -0.16	26.71 1.87 -0.20	32.23 2.22 -0.40	42.03 2.92 -0.15	65.85 3.43 -15.49	54.18 3.39 -5.00	37.30 2.37 -0.11	34.13 2.19 -0.23	31.55 1.99 -0.27	27.47 1.47 -0.17
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.10 1.21 0.00	23.00 1.20 0.00	20.54 1.02 0.00	20.10 0.94 0.00	21.90 1.02 0.00	25.22 1.25 0.00	39.02 2.48 -0.53	47.54 3.67 -0.73	38.34 2.71 -0.45	32.57 2.50 -0.32	28.70 2.34 -0.38	26.99 2.32 -0.29	25.46 2.23 -0.20	25.46 2.23 -0.20	25.51 2.28 -0.21	27.25 2.36 -0.25	32.82 2.72 -0.49	42.57 3.43 -0.18	68.04 3.99 -17.12	55.34 3.94 -5.61	37.53 2.58 -0.14	34.53 2.54 -0.28	31.99 2.37 -0.33	27.85 1.81 -0.21
W50THST__13_KV_LOAD 356117	24.22 1.33 0.00	23.11 1.31 0.00	20.62 1.09 0.00	20.18 1.02 0.00	21.98 1.11 0.00	25.32 1.34 0.00	39.23 2.70 -0.53	47.84 3.97 -0.73	38.55 2.92 -0.45	32.74 2.68 -0.32	28.85 2.49 -0.38	27.14 2.46 -0.29	25.60 2.37 -0.20	25.60 2.37 -0.20	25.65 2.42 -0.21	27.40 2.51 -0.25	33.00 2.90 -0.49	42.80 3.66 -0.18	68.27 4.22 -17.12	55.62 4.21 -5.61	37.71 2.75 -0.14	34.66 2.66 -0.28	32.14 2.52 -0.33	27.98 1.94 -0.21
WADING RIVER_IC_1 23522	40.49 1.79 -15.81	40.45 1.68 -16.98	40.34 1.39 -19.43	40.35 1.34 -19.84	39.15 1.52 -16.75	40.54 1.94 -14.63	194.16 2.70 -155.46	366.18 3.88 -319.15	301.22 3.10 -262.94	188.37 2.92 -155.71	139.63 2.86 -110.80	61.89 2.78 -34.72	48.50 2.69 -22.78	48.51 2.85 -22.63	68.67 2.67 -42.98	69.05 2.93 -41.49	74.09 3.61 -40.87	118.60 4.05 -75.59	744.75 4.79 -693.03	200.00 4.58 -149.62	131.91 3.34 -93.75	76.64 3.43 -41.50	70.60 3.34 -37.97	42.47 2.61 -14.03
WADING RIVER_IC_2 23547	40.49 1.79 -15.81	40.45 1.68 -16.98	40.34 1.39 -19.43	40.35 1.34 -19.84	39.15 1.52 -16.75	40.54 1.94 -14.63	194.16 2.70 -155.46	366.18 3.88 -319.15	301.22 3.10 -262.94	188.37 2.92 -155.71	139.63 2.86 -110.80	61.89 2.78 -34.72	48.50 2.69 -22.78	48.51 2.85 -22.63	68.67 2.67 -42.98	69.05 2.93 -41.49	74.09 3.61 -40.87	118.60 4.05 -75.59	744.75 4.79 -693.03	200.00 4.58 -149.62	131.91 3.34 -93.75	76.64 3.43 -41.50	70.60 3.34 -37.97	42.47 2.61 -14.03
WADING RIVER_IC_3 23601	40.49 1.79 -15.81	40.45 1.68 -16.98	40.34 1.39 -19.43	40.35 1.34 -19.84	39.15 1.52 -16.75	40.54 1.94 -14.63	194.16 2.70 -155.46	366.18 3.88 -319.15	301.22 3.10 -262.94	188.37 2.92 -155.71	139.63 2.86 -110.80	61.89 2.78 -34.72	48.50 2.69 -22.78	48.51 2.85 -22.63	68.67 2.67 -42.98	69.05 2.93 -41.49	74.09 3.61 -40.87	118.60 4.05 -75.59	744.75 4.79 -693.03	200.00 4.58 -149.62	131.91 3.34 -93.75	76.64 3.43 -41.50	70.60 3.34 -37.97	42.47 2.61 -14.03
WALDENNY_12_KV_BK2 80841	24.13 1.24 0.00	22.87 1.07 0.00	20.52 1.00 0.00	20.22 1.05 0.00	21.88 1.00 0.00	25.63 1.65 0.00	37.87 1.87 0.00	43.66 0.52 0.00	36.83 1.65 0.00	31.17 1.43 0.00	27.15 1.17 0.00	25.34 0.95 0.00	23.88 0.85 0.00	23.72 0.69 0.00	23.60 0.58 0.00	25.47 0.84 0.00	30.38 0.77 0.00	39.74 0.78 0.00	50.70 -0.56 -4.34	46.74 -0.27 -1.21	36.14 1.32 0.00	31.90 0.19 0.00	29.44 0.15 0.00	26.37 0.54 0.00
WALDEN___HYDRO 24148	23.97 1.08 0.00	22.84 1.05 0.00	20.42 0.90 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.05 1.08 0.00	38.39 2.01 -0.37	46.63 2.97 -0.51	37.71 2.22 -0.31	31.88 1.91 -0.23	28.01 1.77 -0.27	26.27 1.68 -0.20	24.78 1.61 -0.14	24.82 1.66 -0.14	24.82 1.66 -0.14	26.56 1.75 -0.18	32.06 2.10 -0.34	41.93 2.84 -0.13	66.09 3.47 -15.69	54.10 3.34 -4.96	37.25 2.33 -0.10	34.10 2.19 -0.20	31.48 1.96 -0.23	27.42 1.45 -0.15
WARRENSBURG___ 23737	23.78 0.89 0.00	22.63 0.83 0.00	20.50 0.98 0.00	20.05 0.88 0.00	22.04 1.17 0.00	25.44 1.46 0.00	38.37 2.84 0.47	46.29 3.80 0.65	37.81 3.03 0.39	31.87 2.41 0.28	27.72 2.08 0.34	26.01 1.88 0.26	24.50 1.66 0.18	24.58 1.73 0.18	24.55 1.70 0.18	26.23 1.82 0.22	31.22 2.04 0.43	41.73 2.92 0.16	66.96 3.61 -16.42	53.25 3.57 -3.88	37.31 2.61 0.12	33.65 2.19 0.25	30.81 1.82 0.29	26.93 1.29 0.19
WATERSIDE___6 8 9 23538	24.03 1.14 0.00	22.95 1.16 0.00	20.42 0.90 0.00	19.99 0.82 0.00	21.75 0.88 0.00	25.08 1.10 0.00	38.73 2.20 -0.53	47.24 3.37 -0.73	38.16 2.53 -0.45	32.36 2.29 -0.32	28.57 2.21 -0.38	26.87 2.19 -0.29	25.35 2.12 -0.20	25.34 2.12 -0.20	25.40 2.16 -0.22	27.10 2.22 -0.25	32.71 2.61 -0.49	42.41 3.27 -0.18	67.71 3.66 -17.12	55.02 3.62 -5.61	37.29 2.33 -0.14	34.38 2.38 -0.28	31.84 2.23 -0.33	27.75 1.70 -0.21
WATKINRD_115KV_LN8_ILLION 55919	23.17 0.27 0.00	22.06 0.26 0.00	19.78 0.25 0.00	19.43 0.27 0.00	21.19 0.31 0.00	24.36 0.38 0.00	36.65 0.65 0.00	43.96 0.82 0.00	35.89 0.70 0.00	30.31 0.57 0.00	26.45 0.47 0.00	24.80 0.41 0.00	23.42 0.39 0.00	23.42 0.39 0.00	23.41 0.39 0.00	25.08 0.44 0.00	30.17 0.56 0.00	39.74 0.78 0.00	48.24 0.94 -0.37	46.81 0.92 -0.10	35.55 0.73 0.00	32.41 0.70 0.00	29.90 0.62 0.00	26.35 0.52 0.00
WATSON___69_KV_BK 1 55734	29.66 1.28 -5.49	28.91 1.22 -5.90	27.23 0.96 -6.75	26.97 0.92 -6.89	27.76 1.06 -5.82	30.58 1.37 -5.24	92.28 1.94 -54.33	157.93 3.11 -111.69	130.40 2.39 -92.83	86.55 2.20 -54.61	68.51 2.34 -40.19	39.41 2.32 -12.70	33.62 2.26 -8.34	33.55 2.23 -8.29	40.90 2.26 -15.62	42.24 2.49 -15.11	47.79 3.14 -15.04	68.81 3.39 -26.45	303.60 4.04 -252.64	105.39 3.80 -55.79	70.49 2.72 -32.95	49.51 2.92 -14.88	45.97 2.78 -13.90	33.14 2.12 -5.19

WDELAWARE___HYD 323627	24.19 1.30 0.00	23.04 1.24 0.00	20.60 1.07 0.00	20.20 1.03 0.00	22.00 1.13 0.00	25.24 1.27 0.00	38.58 2.34 -0.25	46.76 3.28 -0.34	37.92 2.53 -0.21	31.98 2.08 -0.15	28.03 1.87 -0.18	26.28 1.76 -0.13	24.82 1.70 -0.09	24.85 1.73 -0.09	24.86 1.75 -0.09	26.57 1.82 -0.12	32.09 2.25 -0.23	42.16 3.12 -0.08	64.71 3.80 -13.98	53.75 3.67 -4.29	37.46 2.58 -0.06	34.25 2.41 -0.13	31.61 2.17 -0.15	27.56 1.63 -0.10
WEST BABYLON___IC 23714	25.62 1.46 -1.26	24.55 1.40 -1.35	22.19 1.11 -1.55	21.82 1.07 -1.58	23.44 1.23 -1.34	26.88 1.53 -1.37	51.16 2.27 -12.89	73.26 3.45 -26.67	60.86 2.67 -23.01	45.37 2.47 -13.16	39.60 2.52 -11.10	30.50 2.49 -3.63	27.84 2.42 -2.39	27.80 2.39 -2.38	29.79 2.42 -4.35	31.54 2.66 -4.25	37.34 3.32 -4.41	48.98 3.70 -6.32	123.47 4.36 -72.17	67.26 4.12 -17.34	45.83 2.99 -8.02	38.77 3.11 -3.94	36.23 2.96 -3.98	29.65 2.27 -1.55
WEST CANADA___HYD 24049	22.98 0.09 0.00	21.86 0.07 0.00	19.60 0.08 0.00	19.24 0.08 0.00	20.96 0.08 0.00	24.09 0.12 0.00	36.18 0.18 0.00	43.45 0.30 0.00	35.43 0.25 0.00	29.92 0.18 0.00	26.14 0.16 0.00	24.53 0.15 0.00	23.16 0.14 0.00	23.16 0.14 0.00	23.16 0.14 0.00	24.78 0.15 0.00	29.79 0.18 0.00	39.20 0.24 0.00	47.63 0.33 -0.37	46.22 0.32 -0.10	35.03 0.21 0.00	31.94 0.22 0.00	29.47 0.18 0.00	25.96 0.13 0.00
WESTERN_NY_WIND 24143	24.17 1.28 0.00	22.89 1.09 0.00	20.50 0.98 0.00	20.18 1.02 0.00	21.90 1.02 0.00	25.60 1.63 0.00	38.12 2.12 0.00	44.13 0.99 0.00	37.19 2.01 0.00	31.32 1.58 0.00	27.15 1.17 0.00	25.31 0.93 0.00	23.88 0.85 0.00	23.72 0.69 0.00	23.62 0.60 0.00	25.52 0.89 0.00	30.44 0.83 0.00	39.90 0.94 0.00	51.37 0.47 -3.97	47.55 0.64 -1.11	36.35 1.53 0.00	32.22 0.51 0.00	29.70 0.41 0.00	26.47 0.65 0.00
WESTOVER___LESR 323668	23.81 0.92 0.00	22.63 0.83 0.00	20.27 0.74 0.00	19.91 0.75 0.00	21.67 0.79 0.00	25.05 1.08 0.00	37.66 1.66 0.00	44.74 1.60 0.00	36.66 1.48 0.00	31.02 1.28 0.00	27.02 1.04 0.00	25.31 0.93 0.00	23.85 0.83 0.00	23.81 0.78 0.00	23.78 0.76 0.00	25.49 0.86 0.00	30.59 0.98 0.00	40.25 1.29 0.00	54.63 1.08 -6.62	48.80 1.14 -1.86	36.25 1.43 0.00	32.63 0.92 0.00	30.08 0.79 0.00	26.60 0.77 0.00
WETHRSFD_WT_PWR 323626	23.90 1.01 0.00	22.76 0.96 0.00	20.42 0.90 0.00	20.07 0.90 0.00	21.77 0.90 0.00	25.36 1.39 0.00	37.83 1.83 0.00	43.79 0.65 0.00	36.66 1.48 0.00	31.09 1.34 0.00	27.04 1.07 0.00	25.26 0.88 0.00	23.78 0.76 0.00	23.65 0.62 0.00	23.55 0.53 0.00	25.40 0.76 0.00	30.29 0.68 0.00	39.78 0.82 0.00	51.27 -0.33 -4.67	46.97 -0.14 -1.31	36.14 1.32 0.00	32.06 0.35 0.00	29.52 0.23 0.00	26.37 0.54 0.00
WHAVSTOR_138KV_BK127 55557	23.90 1.01 0.00	22.76 0.96 0.00	20.34 0.82 0.00	19.93 0.77 0.00	21.69 0.81 0.00	24.98 1.01 0.00	38.34 1.91 -0.43	46.58 2.85 -0.59	37.69 2.15 -0.36	31.94 1.93 -0.26	28.08 1.79 -0.31	26.35 1.73 -0.24	24.87 1.68 -0.16	24.87 1.68 -0.16	24.89 1.70 -0.16	26.61 1.77 -0.20	32.11 2.10 -0.40	41.83 2.73 -0.15	65.62 3.19 -15.50	53.96 3.16 -5.00	37.12 2.19 -0.11	34.01 2.06 -0.23	31.43 1.87 -0.27	27.40 1.39 -0.17
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.90 1.01 0.00	22.76 0.96 0.00	20.34 0.82 0.00	19.93 0.77 0.00	21.69 0.81 0.00	24.98 1.01 0.00	38.34 1.91 -0.43	46.58 2.85 -0.59	37.69 2.15 -0.36	31.94 1.93 -0.26	28.08 1.79 -0.31	26.35 1.73 -0.24	24.87 1.68 -0.16	24.87 1.68 -0.16	24.89 1.70 -0.16	26.61 1.77 -0.20	32.11 2.10 -0.40	41.83 2.73 -0.15	65.62 3.19 -15.50	53.96 3.16 -5.00	37.12 2.19 -0.11	34.01 2.06 -0.23	31.43 1.87 -0.27	27.40 1.39 -0.17
WHITEHAL_115KV_TB1 80871	24.15 1.26 0.00	22.97 1.18 0.00	20.81 1.29 0.00	20.33 1.17 0.00	22.33 1.46 0.00	25.87 1.89 0.00	39.12 3.60 0.48	47.23 4.75 0.66	38.58 3.80 0.40	32.46 3.00 0.29	28.23 2.60 0.34	26.42 2.29 0.26	24.75 1.91 0.18	24.83 1.98 0.18	24.80 1.96 0.18	26.50 2.09 0.23	31.63 2.46 0.44	42.50 3.70 0.16	67.90 4.60 -16.37	54.41 4.76 -3.85	38.21 3.52 0.12	34.38 2.92 0.26	31.39 2.40 0.30	27.42 1.78 0.19
WHITEPLN_13_KV_LOAD 356215	24.10 1.21 0.00	23.00 1.20 0.00	20.54 1.02 0.00	20.09 0.92 0.00	21.85 0.98 0.00	25.29 1.32 0.00	39.16 2.63 -0.53	47.71 3.84 -0.73	38.58 2.96 -0.44	32.68 2.62 -0.32	28.75 2.39 -0.38	26.99 2.32 -0.29	25.46 2.23 -0.20	25.46 2.23 -0.20	25.48 2.26 -0.20	27.22 2.34 -0.25	32.88 2.78 -0.49	42.76 3.62 -0.18	68.20 4.18 -17.10	55.52 4.12 -5.60	37.78 2.82 -0.14	34.66 2.66 -0.28	32.05 2.43 -0.33	27.88 1.83 -0.21
WM_FLOYD_69_KV_BK2 356380	40.24 1.76 -15.58	40.19 1.66 -16.73	40.06 1.39 -19.15	40.04 1.32 -19.55	38.89 1.50 -16.51	40.25 1.85 -14.43	191.97 2.74 -153.24	361.65 3.93 -314.59	297.53 3.10 -259.25	186.12 2.89 -153.49	138.13 2.83 -109.32	61.40 2.76 -34.26	48.18 2.67 -22.48	48.00 2.65 -22.33	68.12 2.69 -42.41	68.52 2.96 -40.93	73.57 3.64 -40.32	117.56 4.09 -74.50	735.10 4.83 -683.33	197.93 4.58 -147.56	130.58 3.34 -92.42	76.06 3.43 -40.92	70.06 3.31 -37.46	42.25 2.58 -13.84
WOODARD___115KV_TB2 355635	23.10 0.21 0.00	21.95 0.15 0.00	19.64 0.12 0.00	19.28 0.11 0.00	21.02 0.15 0.00	24.16 0.19 0.00	36.18 0.18 0.00	43.14 0.00 0.00	35.57 0.39 0.00	30.07 0.33 0.00	26.21 0.23 0.00	24.60 0.22 0.00	23.21 0.18 0.00	23.19 0.16 0.00	23.16 0.14 0.00	24.81 0.17 0.00	29.73 0.12 0.00	39.08 0.12 0.00	50.11 0.05 -3.13	46.76 0.09 -0.88	35.10 0.28 0.00	31.75 0.03 0.00	29.29 0.00 0.00	25.91 0.08 0.00
YORK___WARBASSE 23770	24.10 1.21 0.00	23.02 1.22 0.00	20.46 0.94 0.00	20.01 0.84 0.00	21.79 0.92 0.00	25.10 1.13 0.00	38.76 2.23 -0.53	47.33 3.45 -0.73	38.23 2.60 -0.45	32.42 2.35 -0.32	28.62 2.26 -0.38	26.92 2.24 -0.29	25.39 2.16 -0.20	25.41 2.19 -0.20	25.45 2.21 -0.22	27.17 2.29 -0.25	32.77 2.67 -0.49	42.49 3.35 -0.18	67.80 3.75 -17.12	55.07 3.66 -5.61	37.39 2.44 -0.14	34.44 2.44 -0.28	31.96 2.34 -0.33	27.82 1.78 -0.21