

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.99	27.95	25.86	25.12	24.93	27.95	29.91	31.46	31.41	31.41	30.96	31.32	31.10	31.56	32.42	32.74	34.14	39.47	43.21	48.72	48.09	38.94	34.75	32.02
24138	2.07	1.83	1.79	1.70	1.93	2.30	2.14	2.61	2.70	2.47	2.42	2.48	2.55	2.50	2.51	2.76	2.93	3.41	3.30	3.35	3.59	3.20	2.87	2.62
	-5.19	-5.34	-3.49	-4.33	-1.34	-0.05	-4.28	-1.06	0.00	-2.11	-2.82	-2.80	-2.57	-3.57	-4.29	-2.64	-2.24	-0.50	-4.02	-8.51	-5.01	-0.22	0.00	0.00
74TH STREET_GT_1	29.97	27.95	25.86	25.11	24.91	27.92	29.91	31.41	31.41	31.44	30.97	32.65	32.51	33.66	34.96	34.27	35.30	39.50	43.22	48.73	48.13	38.94	34.74	31.96
24260	2.05	1.83	1.79	1.68	1.91	2.28	2.14	2.56	2.70	2.50	2.39	2.45	2.47	2.42	2.43	2.68	2.84	3.41	3.30	3.35	3.63	3.20	2.87	2.56
	-5.19	-5.34	-3.49	-4.33	-1.34	-0.05	-4.28	-1.06	0.00	-2.11	-2.85	-4.15	-4.06	-5.74	-6.90	-4.25	-3.49	-0.54	-4.02	-8.51	-5.01	-0.22	0.00	0.00
74TH STREET_GT_2	29.97	27.95	25.86	25.11	24.91	27.92	29.91	31.41	31.41	31.44	30.97	32.65	32.51	33.66	34.96	34.27	35.30	39.50	43.22	48.73	48.13	38.94	34.74	31.96
24261	2.05	1.83	1.79	1.68	1.91	2.28	2.14	2.56	2.70	2.50	2.39	2.45	2.47	2.42	2.43	2.68	2.84	3.41	3.30	3.35	3.63	3.20	2.87	2.56
	-5.19	-5.34	-3.49	-4.33	-1.34	-0.05	-4.28	-1.06	0.00	-2.11	-2.85	-4.15	-4.06	-5.74	-6.90	-4.25	-3.49	-0.54	-4.02	-8.51	-5.01	-0.22	0.00	0.00
ADK HUDSON___FALLS	30.66	28.76	26.21	25.65	24.75	27.37	30.42	30.98	30.66	31.38	30.97	28.45	27.78	27.15	27.29	29.26	31.34	38.56	43.37	50.09	48.48	38.18	33.92	31.26
24011	1.43	1.29	1.26	1.13	1.41	1.71	1.57	1.86	1.95	1.91	1.77	1.67	1.64	1.66	1.67	1.91	2.14	2.45	2.44	2.58	2.72	2.38	2.04	1.85
	-6.50	-6.69	-4.37	-5.42	-1.68	-0.06	-5.36	-1.33	0.00	-2.64	-3.47	-0.73	-0.17	0.00	0.00	0.00	-0.22	-0.56	-5.04	-10.65	-6.28	-0.28	0.00	0.00
ADK RESOURCE___RCVRY	30.74	28.85	26.29	25.73	24.84	27.45	30.52	31.06	30.78	31.49	31.07	28.53	27.86	27.23	27.36	29.37	31.51	38.74	43.55	50.28	48.68	38.36	34.04	31.37
23798	1.50	1.37	1.34	1.20	1.49	1.79	1.67	1.94	2.07	2.01	1.88	1.75	1.71	1.73	1.74	2.02	2.32	2.63	2.62	2.77	2.92	2.56	2.17	1.97
	-6.50	-6.69	-4.38	-5.43	-1.68	-0.06	-5.36	-1.33	0.00	-2.65	-3.47	-0.73	-0.17	0.00	0.00	0.00	-0.22	-0.56	-5.05	-10.66	-6.28	-0.28	0.00	0.00
ADK S GLENS___FALLS	30.66	28.76	26.21	25.65	24.75	27.37	30.42	30.98	30.66	31.38	30.97	28.45	27.78	27.15	27.29	29.26	31.34	38.56	43.37	50.09	48.48	38.18	33.92	31.26
24028	1.43	1.29	1.26	1.13	1.41	1.71	1.57	1.86	1.95	1.91	1.77	1.67	1.64	1.66	1.67	1.91	2.14	2.45	2.44	2.58	2.72	2.38	2.04	1.85
	-6.50	-6.69	-4.37	-5.42	-1.68	-0.06	-5.36	-1.33	0.00	-2.64	-3.47	-0.73	-0.17	0.00	0.00	0.00	-0.22	-0.56	-5.04	-10.65	-6.28	-0.28	0.00	0.00
ADK_NYS___DAM	30.42	28.54	26.06	25.50	24.64	27.27	30.16	30.86	30.57	31.14	30.75	28.45	27.83	27.05	27.13	28.93	30.81	38.12	42.90	49.40	47.94	37.96	33.79	31.11
23527	1.39	1.27	1.23	1.15	1.34	1.61	1.48	1.78	1.86	1.74	1.67	1.69	1.69	1.56	1.51	1.59	1.62	2.03	2.12	2.21	2.37	2.17	1.91	1.70
	-6.30	-6.49	-4.24	-5.26	-1.63	-0.06	-5.19	-1.29	0.00	-2.56	-3.36	-0.71	-0.16	0.00	0.00	0.00	-0.21	-0.54	-4.89	-10.33	-6.09	-0.27	0.00	0.00
AIR_PRODUCTS___DRP	29.65	27.85	25.40	24.89	23.90	26.42	29.35	29.86	29.54	30.18	29.83	27.52	26.92	26.24	26.34	28.14	30.03	37.02	41.68	48.12	46.52	36.68	32.74	30.20
24190	0.61	0.58	0.58	0.53	0.61	0.77	0.66	0.78	0.83	0.78	0.75	0.76	0.78	0.74	0.72	0.79	0.84	0.92	0.90	0.92	0.95	0.89	0.86	0.79
	-6.30	-6.49	-4.24	-5.26	-1.63	-0.06	-5.20	-1.29	0.00	-2.57	-3.37	-0.71	-0.16	0.00	0.00	0.00	-0.21	-0.54	-4.89	-10.34	-6.09	-0.27	0.00	0.00
AKWESSNE_115KV_BK	22.35	20.47	20.31	18.83	21.34	25.13	23.07	27.23	28.10	26.30	25.18	25.48	25.38	24.91	25.06	26.74	28.39	34.84	35.31	36.27	38.85	34.95	31.30	28.90
355683	-0.39	-0.31	-0.27	-0.27	-0.32	-0.46	-0.42	-0.56	-0.60	-0.54	-0.54	-0.57	-0.60	-0.59	-0.56	-0.60	-0.58	-0.71	-0.57	-0.59	-0.63	-0.57	-0.57	-0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.77	27.95	25.53	24.99	24.09	26.73	29.47	30.06	29.80	30.21	29.77	27.47	26.97	26.31	26.44	28.30	30.31	37.36	41.94	48.38	46.93	37.21	33.18	30.61
323833	0.84	0.79	0.78	0.73	0.82	1.07	0.87	1.00	1.09	0.88	0.77	0.73	0.83	0.82	0.82	0.96	1.13	1.28	1.29	1.36	1.46	1.42	1.31	1.21
	-6.20	-6.38	-4.17	-5.17	-1.60	-0.06	-5.11	-1.27	0.00	-2.50	-3.27	-0.69	-0.16	0.00	0.00	0.00	-0.21	-0.53	-4.76	-10.16	-5.99	-0.26	0.00	0.00
ALBANY_2_SOLAR	29.77	27.95	25.53	24.99	24.09	26.73	29.47	30.06	29.77	30.21	29.77	27.47	26.97	26.31	26.44	28.30	30.28	37.32	41.94	48.38	46.93	37.21	33.15	30.58
323834	0.84	0.79	0.78	0.73	0.82	1.07	0.87	1.00	1.06	0.88	0.77	0.73	0.83	0.82	0.82	0.96	1.10	1.24	1.29	1.36	1.46	1.42	1.28	1.18
	-6.20	-6.38	-4.17	-5.17	-1.60	-0.06	-5.11	-1.27	0.00	-2.50	-3.27	-0.69	-0.16	0.00	0.00	0.00	-0.21	-0.53	-4.76	-10.16	-5.99	-0.26	0.00	0.00
ALBANY___1	29.65	27.85	25.40	24.89	23.90	26.42	29.35	29.86	29.54	30.18	29.83	27.52	26.92	26.24	26.34	28.14	30.03	37.02	41.68	48.12	46.52	36.68	32.74	30.20
23571	0.61	0.58	0.58	0.53	0.61	0.77	0.66	0.78	0.83	0.78	0.75	0.76	0.78	0.74	0.72	0.79	0.84	0.92	0.90	0.92	0.95	0.89	0.86	0.79
	-6.30	-6.49	-4.24	-5.26	-1.63	-0.06	-5.20	-1.29	0.00	-2.57	-3.37	-0.71	-0.16	0.00	0.00	0.00	-0.21	-0.54	-4.89	-10.34	-6.09	-0.27	0.00	0.00

ALBANY___2 23572	29.65 0.61 -6.30	27.85 0.58 -6.49	25.40 0.58 -4.24	24.89 0.53 -5.26	23.90 0.61 -1.63	26.42 0.77 -0.06	29.35 0.66 -5.20	29.86 0.78 -1.29	29.54 0.83 0.00	30.18 0.78 -2.57	29.83 0.75 -3.37	27.52 0.76 -0.71	26.92 0.78 -0.16	26.24 0.74 0.00	26.34 0.72 0.00	28.14 0.79 0.00	30.03 0.84 -0.21	37.02 0.92 -0.54	41.68 0.90 -4.89	48.12 0.92 -10.34	46.52 0.95 -6.09	36.68 0.89 -0.27	32.74 0.86 0.00	30.20 0.79 0.00
ALBANY___3 23573	29.65 0.61 -6.30	27.85 0.58 -6.49	25.40 0.58 -4.24	24.89 0.53 -5.26	23.90 0.61 -1.63	26.42 0.77 -0.06	29.35 0.66 -5.20	29.86 0.78 -1.29	29.54 0.83 0.00	30.18 0.78 -2.57	29.83 0.75 -3.37	27.52 0.76 -0.71	26.92 0.78 -0.16	26.24 0.74 0.00	26.34 0.72 0.00	28.14 0.79 0.00	30.03 0.84 -0.21	37.02 0.92 -0.54	41.68 0.90 -4.89	48.12 0.92 -10.34	46.52 0.95 -6.09	36.68 0.89 -0.27	32.74 0.86 0.00	30.20 0.79 0.00
ALBANY___4 23574	29.65 0.61 -6.30	27.85 0.58 -6.49	25.40 0.58 -4.24	24.89 0.53 -5.26	23.90 0.61 -1.63	26.42 0.77 -0.06	29.35 0.66 -5.20	29.86 0.78 -1.29	29.54 0.83 0.00	30.18 0.78 -2.57	29.83 0.75 -3.37	27.52 0.76 -0.71	26.92 0.78 -0.16	26.24 0.74 0.00	26.34 0.72 0.00	28.14 0.79 0.00	30.03 0.84 -0.21	37.02 0.92 -0.54	41.68 0.90 -4.89	48.12 0.92 -10.34	46.52 0.95 -6.09	36.68 0.89 -0.27	32.74 0.86 0.00	30.20 0.79 0.00
ALBANY___LFGE 323615	29.89 0.80 -6.36	28.08 0.75 -6.55	25.60 0.74 -4.28	25.07 0.67 -5.31	24.09 0.78 -1.65	26.60 0.95 -0.06	29.58 0.84 -5.25	30.09 1.00 -1.30	29.77 1.06 0.00	30.42 0.99 -2.59	30.07 0.95 -3.40	27.76 0.99 -0.72	27.13 0.99 -0.16	26.44 0.94 0.00	26.57 0.95 0.00	28.38 1.04 0.00	30.29 1.10 -0.21	37.34 1.24 -0.55	42.05 1.22 -4.94	48.58 1.29 -10.43	46.97 1.34 -6.15	37.00 1.21 -0.27	32.99 1.12 0.00	30.43 1.03 0.00
ALCOA_PA_115KV_PL-6C 55860	22.42 -0.32 0.00	21.27 -0.25 -0.74	20.40 -0.19 0.00	18.90 -0.19 0.00	21.40 -0.26 0.00	26.11 -0.38 -0.91	24.27 -0.33 -1.10	28.57 -0.47 -1.25	29.48 -0.52 -1.28	27.60 -0.46 -1.22	26.41 -0.49 -1.18	26.72 -0.52 -1.19	26.62 -0.55 -1.18	26.13 -0.54 -1.17	26.31 -0.49 -1.17	28.06 -0.52 -1.24	29.78 -0.49 -1.30	36.47 -0.60 -1.52	37.03 -0.39 -1.54	38.00 -0.44 -1.58	40.68 -0.47 -1.68	36.59 -0.46 -1.53	32.83 -0.45 -1.40	30.31 -0.41 -1.31
ALCOA_RYNLDS___DRP 24188	22.42 -0.32 0.00	21.27 -0.25 -0.74	20.40 -0.19 0.00	18.90 -0.19 0.00	21.40 -0.26 0.00	26.11 -0.38 -0.91	24.27 -0.33 -1.10	28.57 -0.47 -1.25	29.48 -0.52 -1.28	27.60 -0.46 -1.22	26.41 -0.49 -1.18	26.72 -0.52 -1.19	26.62 -0.55 -1.18	26.13 -0.54 -1.17	26.31 -0.49 -1.17	28.06 -0.52 -1.24	29.78 -0.49 -1.30	36.47 -0.60 -1.52	37.03 -0.39 -1.54	38.00 -0.44 -1.58	40.68 -0.47 -1.68	36.59 -0.46 -1.53	32.83 -0.45 -1.40	30.31 -0.41 -1.31
ALCOA___DSASP 323711	22.42 -0.32 0.00	21.27 -0.25 -0.74	20.40 -0.19 0.00	18.90 -0.19 0.00	21.40 -0.26 0.00	26.11 -0.38 -0.91	24.27 -0.33 -1.10	28.57 -0.47 -1.25	29.48 -0.52 -1.28	27.60 -0.46 -1.22	26.41 -0.49 -1.18	26.72 -0.52 -1.19	26.59 -0.57 -1.18	26.13 -0.54 -1.17	26.31 -0.49 -1.17	28.06 -0.52 -1.24	29.78 -0.49 -1.30	36.47 -0.60 -1.52	37.04 -0.39 -1.54	38.00 -0.44 -1.58	40.69 -0.47 -1.68	36.52 -0.53 -1.53	32.80 -0.48 -1.40	30.31 -0.41 -1.31
ALLEGHENY___COGEN 23514	23.10 -0.52 -0.89	21.20 -0.50 -0.91	20.58 -0.60 -0.60	19.26 -0.57 -0.74	21.35 -0.54 -0.23	25.06 -0.54 -0.01	23.66 -0.56 -0.73	27.33 -0.64 -0.18	27.99 -0.72 0.00	26.31 -0.88 -0.36	25.25 -0.95 -0.47	25.13 -1.02 -0.10	25.02 -0.99 -0.02	24.55 -0.94 0.00	24.67 -0.95 0.00	26.22 -1.12 0.00	27.81 -1.19 -0.03	34.46 -1.17 -0.08	35.57 -1.00 -0.69	37.58 -0.74 -1.46	39.78 -0.55 -0.86	35.21 -0.36 -0.04	31.56 -0.32 0.00	29.14 -0.27 0.00
ALTAMONT_115KV_TB 2 55880	29.81 0.77 -6.30	27.98 0.71 -6.49	25.52 0.70 -4.24	25.01 0.65 -5.26	24.03 0.74 -1.63	26.55 0.90 -0.06	29.49 0.80 -5.20	30.02 0.94 -1.29	29.71 1.00 0.00	30.31 0.91 -2.57	29.96 0.87 -3.36	27.65 0.89 -0.71	27.05 0.91 -0.16	26.36 0.87 0.00	26.49 0.87 0.00	28.27 0.93 0.00	30.20 1.01 -0.21	37.30 1.21 -0.54	41.96 1.18 -4.89	48.41 1.22 -10.33	46.87 1.30 -6.09	37.00 1.21 -0.27	32.96 1.08 0.00	30.37 0.97 0.00
ALTONA_WT_PWR 323606	21.73 -1.00 0.00	0.17 -0.89 19.72	19.96 -0.62 0.00	18.48 -0.61 0.00	20.88 -0.78 0.00	0.25 -1.15 24.19	-7.01 -1.03 29.47	-7.04 -1.31 33.52	-7.01 -1.38 34.34	-7.01 -1.23 32.61	-7.01 -1.23 31.50	-7.04 -1.28 31.81	-7.04 -1.35 31.66	-7.03 -1.30 31.23	-7.06 -1.28 31.40	-7.04 -1.34 33.04	-7.04 -1.36 34.65	-6.83 -1.67 40.71	-6.80 -1.51 41.18	-7.04 -1.58 42.32	-7.04 -1.66 44.87	-7.04 -1.63 40.93	-7.07 -1.50 37.45	-7.07 -1.35 35.12
AMERICAN_REF_FUEL 24010	21.25 -2.27 -0.79	19.60 -2.00 -0.81	19.03 -2.08 -0.53	17.82 -1.93 -0.66	19.74 -2.12 -0.20	23.04 -2.56 -0.01	21.91 -2.23 -0.65	25.37 -2.58 -0.16	26.21 -2.50 0.00	24.63 -2.52 -0.32	23.75 -2.39 -0.42	23.72 -2.42 -0.09	23.74 -2.26 -0.02	23.38 -2.12 0.00	23.39 -2.23 0.00	24.69 -2.65 0.00	26.02 -2.98 -0.03	31.75 -3.87 -0.07	32.19 -4.31 -0.61	33.84 -4.31 -1.29	35.62 -4.62 -0.76	31.79 -3.77 -0.03	28.82 -3.06 0.00	26.73 -2.68 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.30 -2.34 -0.90	19.66 -2.06 -0.93	19.05 -2.14 -0.61	17.82 -2.02 -0.76	19.71 -2.19 -0.23	23.32 -2.28 -0.01	21.98 -2.26 -0.75	25.42 -2.56 -0.19	26.61 -2.09 0.00	24.76 -2.44 -0.37	23.79 -2.42 -0.48	23.73 -2.42 -0.10	24.05 -1.95 -0.02	23.74 -1.76 0.00	23.80 -1.82 0.00	25.29 -2.05 0.00	26.80 -2.20 -0.03	32.43 -3.20 -0.08	33.22 -3.37 -0.70	35.21 -3.13 -1.48	37.00 -3.36 -0.87	33.39 -2.17 -0.04	30.31 -1.56 0.00	28.14 -1.26 0.00
ARTHUR KILL_GT_1 23520	40.29 2.11 -15.44	28.03 1.89 -5.36	25.96 1.87 -3.51	25.17 1.74 -4.34	25.01 1.99 -1.35	28.03 2.38 -0.06	30.08 2.30 -4.29	40.29 2.69 -9.81	40.33 2.87 -8.75	40.71 2.71 -11.17	41.19 2.49 -12.97	41.44 2.24 -13.15	42.25 2.29 -13.98	42.25 2.22 -14.53	42.22 2.23 -14.37	43.50 2.51 -13.65	43.51 2.66 -11.87	44.52 3.52 -5.45	49.96 3.41 -10.66	50.86 3.43 -10.57	51.87 3.71 -8.68	44.03 3.63 -4.88	41.49 3.06 -6.55	40.72 2.62 -8.70
ARTHUR_KILL_2 23512	40.24 2.07 -15.44	27.97 1.83 -5.36	25.90 1.81 -3.51	25.13 1.70 -4.34	24.94 1.93 -1.35	27.98 2.33 -0.06	30.01 2.23 -4.29	40.24 2.64 -9.81	40.24 2.78 -8.75	40.66 2.66 -11.17	41.14 2.45 -12.97	41.39 2.19 -13.15	42.17 2.21 -13.98	42.17 2.14 -14.53	42.17 2.18 -14.37	43.42 2.43 -13.65	43.42 2.58 -11.87	44.41 3.41 -5.45	49.85 3.30 -10.66	50.75 3.32 -10.57	51.72 3.55 -8.68	43.92 3.52 -4.88	41.39 2.96 -6.55	40.66 2.56 -8.70
ARTHUR_KILL_3 23513	40.09 1.93 -15.43	27.84 1.70 -5.35	25.77 1.69 -3.50	25.01 1.58 -4.33	24.83 1.82 -1.34	27.79 2.15 -0.05	29.79 2.02 -4.28	40.01 2.42 -9.80	39.65 2.53 -8.41	40.30 2.31 -11.16	40.92 2.24 -12.96	41.54 2.35 -13.15	42.32 2.36 -13.97	42.34 2.32 -14.52	42.32 2.33 -14.36	43.49 2.51 -13.64	43.50 2.66 -11.86	44.12 3.13 -5.44	49.55 3.02 -10.65	50.44 3.02 -10.56	51.39 3.24 -8.67	43.31 2.91 -4.87	41.06 2.64 -6.54	40.48 2.38 -8.69

ARTHUR_KILL_COGEN 323718	40.29 2.11 -15.44	28.03 1.89 -5.36	25.96 1.87 -3.51	25.17 1.74 -4.34	25.01 1.99 -1.35	28.03 2.38 -0.06	30.08 2.30 -4.29	40.29 2.69 -9.81	40.33 2.87 -8.75	40.71 2.71 -11.17	41.19 2.49 -12.97	41.44 2.24 -13.15	42.25 2.29 -13.98	42.25 2.22 -14.53	42.22 2.23 -14.37	43.50 2.51 -13.65	43.51 2.66 -11.87	44.52 3.52 -5.45	49.96 3.41 -10.66	50.86 3.43 -10.57	51.87 3.71 -8.68	44.03 3.63 -4.88	41.49 3.06 -6.55	40.72 2.62 -8.70
ASHOKAN____ 23654	28.73 0.23 -5.77	26.87 0.15 -5.94	24.61 0.15 -3.89	24.09 0.17 -4.82	23.37 0.22 -1.49	27.13 1.48 -0.06	28.51 0.26 -4.76	29.22 0.25 -1.18	30.29 1.58 0.00	29.37 0.21 -2.32	28.90 0.13 -3.05	26.77 0.08 -0.64	27.35 1.22 -0.15	26.80 1.30 0.00	26.93 1.31 0.00	28.90 1.56 0.00	31.05 1.88 -0.19	36.89 0.85 -0.49	41.14 0.83 -4.43	47.10 0.78 -9.46	45.85 0.79 -5.58	38.04 2.28 -0.25	33.89 2.01 0.00	31.26 1.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.02 2.09 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.97 1.95 -1.35	27.96 2.30 -0.06	29.99 2.21 -4.29	31.55 2.69 -1.07	31.44 2.73 0.00	31.53 2.58 -2.12	30.47 1.90 -2.85	32.43 2.24 -4.14	32.29 2.26 -4.05	33.44 2.22 -5.73	34.72 2.20 -6.89	34.01 2.43 -4.24	35.07 2.61 -3.48	38.89 2.81 -0.53	43.40 3.48 -4.03	48.95 3.57 -8.51	48.37 3.87 -5.02	39.34 3.59 -0.23	34.81 2.93 -0.01	32.26 2.85 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	30.02 2.09 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.97 1.95 -1.35	27.96 2.30 -0.06	29.99 2.21 -4.29	31.55 2.69 -1.07	31.44 2.73 0.00	31.53 2.58 -2.12	30.47 1.90 -2.85	32.43 2.24 -4.14	32.29 2.26 -4.05	33.44 2.22 -5.73	34.72 2.20 -6.89	34.01 2.43 -4.24	35.07 2.61 -3.48	38.89 2.81 -0.53	43.40 3.48 -4.03	48.95 3.57 -8.51	48.37 3.87 -5.02	39.34 3.59 -0.23	34.81 2.93 -0.01	32.26 2.85 -0.01
ASTORIA_GT2_1 24094	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT2_2 24095	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT2_3 24096	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT2_4 24097	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT3_1 24098	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT3_2 24099	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT3_3 24100	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT3_4 24101	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT4_1 24102	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT4_2 24103	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT4_3 24104	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01

ASTORIA_GT4_4 24105	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.96 1.95 -1.35	27.95 2.30 -0.06	29.99 2.21 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.02 2.43 -4.25	35.04 2.58 -3.49	39.22 3.13 -0.54	43.40 3.48 -4.03	48.95 3.58 -8.51	48.37 3.87 -5.02	39.05 3.30 -0.23	34.82 2.93 -0.01	32.09 2.68 -0.01
ASTORIA_GT_1 23523	30.05 2.11 -5.20	28.00 1.87 -5.35	25.87 1.79 -3.50	25.17 1.74 -4.34	24.99 1.97 -1.35	28.00 2.35 -0.06	30.01 2.23 -4.29	31.58 2.72 -1.07	31.49 2.78 0.00	31.55 2.60 -2.12	30.52 1.95 -2.85	32.48 2.29 -4.14	32.34 2.31 -4.05	33.47 2.24 -5.73	34.77 2.26 -6.89	34.07 2.49 -4.24	35.09 2.64 -3.48	38.96 2.88 -0.53	43.44 3.52 -4.03	49.02 3.65 -8.51	48.41 3.91 -5.02	39.41 3.66 -0.23	34.85 2.96 -0.01	32.32 2.91 -0.01
ASTORIA_GT_10 24110	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.92 2.14 -4.29	31.42 2.56 -1.07	31.38 2.67 0.00	31.42 2.47 -2.12	30.89 2.32 -2.85	32.54 2.34 -4.15	32.40 2.36 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.69 -3.49	39.36 3.27 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	38.95 3.20 -0.23	34.75 2.87 -0.01	31.97 2.56 -0.01
ASTORIA_GT_11 24225	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.92 2.14 -4.29	31.42 2.56 -1.07	31.38 2.67 0.00	31.42 2.47 -2.12	30.89 2.32 -2.85	32.54 2.34 -4.15	32.40 2.36 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.69 -3.49	39.36 3.27 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	38.95 3.20 -0.23	34.75 2.87 -0.01	31.97 2.56 -0.01
ASTORIA_GT_12 24226	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.92 2.14 -4.29	31.42 2.56 -1.07	31.38 2.67 0.00	31.42 2.47 -2.12	30.89 2.32 -2.85	32.54 2.34 -4.15	32.40 2.36 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.69 -3.49	39.36 3.27 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	38.95 3.20 -0.23	34.75 2.87 -0.01	31.97 2.56 -0.01
ASTORIA_GT_13 24227	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.92 2.14 -4.29	31.42 2.56 -1.07	31.38 2.67 0.00	31.42 2.47 -2.12	30.89 2.32 -2.85	32.54 2.34 -4.15	32.40 2.36 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.69 -3.49	39.36 3.27 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	38.95 3.20 -0.23	34.75 2.87 -0.01	31.97 2.56 -0.01
ASTORIA_GT_5 24106	30.02 2.09 -5.20	28.00 1.87 -5.35	25.87 1.79 -3.50	25.17 1.74 -4.34	24.99 1.97 -1.35	28.01 2.35 -0.06	30.01 2.23 -4.29	31.53 2.67 -1.07	31.49 2.78 0.00	31.47 2.52 -2.12	30.84 2.26 -2.85	32.49 2.29 -4.15	32.35 2.31 -4.06	33.48 2.24 -5.74	34.78 2.25 -6.90	34.08 2.49 -4.25	35.10 2.64 -3.49	39.29 3.20 -0.54	43.44 3.52 -4.03	49.02 3.65 -8.51	48.45 3.95 -5.02	39.13 3.37 -0.23	34.85 2.96 -0.01	32.15 2.73 -0.01
ASTORIA_GT_7 24107	30.02 2.09 -5.20	28.00 1.87 -5.35	25.87 1.79 -3.50	25.17 1.74 -4.34	24.99 1.97 -1.35	28.01 2.35 -0.06	30.01 2.23 -4.29	31.53 2.67 -1.07	31.49 2.78 0.00	31.47 2.52 -2.12	30.84 2.26 -2.85	32.49 2.29 -4.15	32.35 2.31 -4.06	33.48 2.24 -5.74	34.78 2.25 -6.90	34.08 2.49 -4.25	35.10 2.64 -3.49	39.29 3.20 -0.54	43.44 3.52 -4.03	49.02 3.65 -8.51	48.45 3.95 -5.02	39.13 3.37 -0.23	34.85 2.96 -0.01	32.15 2.73 -0.01
ASTORIA_GT_8 24108	30.02 2.09 -5.20	28.00 1.87 -5.35	25.87 1.79 -3.50	25.17 1.74 -4.34	24.99 1.97 -1.35	28.01 2.35 -0.06	30.01 2.23 -4.29	31.53 2.67 -1.07	31.49 2.78 0.00	31.47 2.52 -2.12	30.84 2.26 -2.85	32.49 2.29 -4.15	32.35 2.31 -4.06	33.48 2.24 -5.74	34.78 2.25 -6.90	34.08 2.49 -4.25	35.10 2.64 -3.49	39.29 3.20 -0.54	43.44 3.52 -4.03	49.02 3.65 -8.51	48.45 3.95 -5.02	39.13 3.37 -0.23	34.85 2.96 -0.01	32.15 2.73 -0.01
ASTORIA___2 24149	30.02 2.09 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.97 1.95 -1.35	27.96 2.30 -0.06	29.99 2.21 -4.29	31.55 2.69 -1.07	31.44 2.73 0.00	31.53 2.58 -2.12	30.47 1.90 -2.85	32.43 2.24 -4.14	32.29 2.26 -4.05	33.44 2.22 -5.73	34.72 2.20 -6.89	34.01 2.43 -4.24	35.07 2.61 -3.48	38.89 2.81 -0.53	43.40 3.48 -4.03	48.95 3.57 -8.51	48.37 3.87 -5.02	39.34 3.59 -0.23	34.81 2.93 -0.01	32.26 2.85 -0.01
ASTORIA___3 23516	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.96 2.30 -0.06	29.92 2.14 -4.29	31.41 2.55 -1.07	31.38 2.67 0.00	31.45 2.50 -2.12	30.84 2.26 -2.85	32.54 2.35 -4.15	32.40 2.36 -4.06	33.53 2.30 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.70 -3.49	39.32 3.23 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	39.02 3.27 -0.23	34.72 2.84 -0.01	32.00 2.59 -0.01
ASTORIA___4 23517	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.92 2.14 -4.29	31.42 2.56 -1.07	31.38 2.67 0.00	31.42 2.47 -2.12	30.89 2.32 -2.85	32.54 2.34 -4.15	32.40 2.36 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.69 -3.49	39.36 3.27 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	38.95 3.20 -0.23	34.75 2.87 -0.01	31.97 2.56 -0.01
ASTORIA___5 23518	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.96 2.30 -0.06	29.92 2.14 -4.29	31.41 2.55 -1.07	31.38 2.67 0.00	31.45 2.50 -2.12	30.84 2.26 -2.85	32.54 2.35 -4.15	32.40 2.36 -4.06	33.53 2.30 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.70 -3.49	39.32 3.23 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	39.02 3.27 -0.23	34.72 2.84 -0.01	32.00 2.59 -0.01
AST_ENERGY_2_CC3 323677	29.88 1.96 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.31 2.36 -2.11	30.88 2.32 -2.84	31.93 2.37 -3.51	31.75 2.42 -3.35	32.58 2.37 -4.71	33.67 2.38 -5.66	33.43 2.60 -3.49	34.62 2.75 -2.90	39.38 3.31 -0.52	43.03 3.12 -4.02	48.54 3.17 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.62 2.74 0.00	31.84 2.44 0.00
AST_ENERGY_2_CC4 323678	29.88 1.96 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.31 2.36 -2.11	30.88 2.32 -2.84	31.93 2.37 -3.51	31.75 2.42 -3.35	32.58 2.37 -4.71	33.67 2.38 -5.66	33.43 2.60 -3.49	34.62 2.75 -2.90	39.38 3.31 -0.52	43.03 3.12 -4.02	48.54 3.17 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.62 2.74 0.00	31.84 2.44 0.00

ATHENS_STG_1 23668	29.34 0.95 -5.66	27.48 0.87 -5.82	25.25 0.86 -3.81	24.62 0.80 -4.72	24.04 0.91 -1.46	26.72 1.07 -0.06	29.14 0.99 -4.66	30.14 1.19 -1.16	29.94 1.23 0.00	30.29 1.15 -2.30	29.85 1.11 -3.02	27.83 1.14 -0.64	27.29 1.17 -0.14	26.62 1.12 0.00	26.75 1.13 0.00	28.54 1.20 0.00	30.44 1.27 -0.19	37.57 1.53 -0.49	41.78 1.51 -4.39	47.64 1.51 -9.27	46.56 1.62 -5.47	37.25 1.49 -0.24	33.18 1.31 0.00	30.58 1.18 0.00
ATHENS_STG_2 23670	29.34 0.95 -5.66	27.48 0.87 -5.82	25.25 0.86 -3.81	24.62 0.80 -4.72	24.04 0.91 -1.46	26.72 1.07 -0.06	29.14 0.99 -4.66	30.14 1.19 -1.16	29.94 1.23 0.00	30.29 1.15 -2.30	29.85 1.11 -3.02	27.83 1.14 -0.64	27.29 1.17 -0.14	26.62 1.12 0.00	26.75 1.13 0.00	28.54 1.20 0.00	30.44 1.27 -0.19	37.57 1.53 -0.49	41.78 1.51 -4.39	47.64 1.51 -9.27	46.56 1.62 -5.47	37.25 1.49 -0.24	33.18 1.31 0.00	30.58 1.18 0.00
ATHENS_STG_3 23677	29.34 0.95 -5.66	27.48 0.87 -5.82	25.25 0.86 -3.81	24.62 0.80 -4.72	24.04 0.91 -1.46	26.72 1.07 -0.06	29.14 0.99 -4.66	30.14 1.19 -1.16	29.94 1.23 0.00	30.29 1.15 -2.30	29.85 1.11 -3.02	27.83 1.14 -0.64	27.29 1.17 -0.14	26.62 1.12 0.00	26.75 1.13 0.00	28.54 1.20 0.00	30.44 1.27 -0.19	37.57 1.53 -0.49	41.78 1.51 -4.39	47.64 1.51 -9.27	46.56 1.62 -5.47	37.25 1.49 -0.24	33.18 1.31 0.00	30.58 1.18 0.00
AUBURN___LFGE 323710	23.16 -0.23 -0.65	21.23 -0.23 -0.67	20.77 -0.25 -0.44	19.41 -0.23 -0.55	21.59 -0.24 -0.17	25.37 -0.23 -0.01	23.82 -0.21 -0.54	27.73 -0.19 -0.13	28.54 -0.17 0.00	26.88 -0.21 -0.27	25.87 -0.21 -0.35	25.94 -0.18 -0.07	25.82 -0.18 -0.02	25.37 -0.13 0.00	25.49 -0.13 0.00	27.21 -0.14 0.00	28.82 -0.17 -0.02	35.47 -0.14 -0.06	36.18 -0.22 -0.51	37.75 -0.18 -1.07	39.91 -0.20 -0.63	35.34 -0.21 -0.03	31.68 -0.19 0.00	29.23 -0.18 0.00
BABYLON_RES_REC 323704	30.13 2.20 -5.19	28.00 1.87 -5.34	25.89 1.81 -3.49	25.11 1.68 -4.33	24.96 1.95 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.58 2.72 -1.06	31.46 2.76 0.00	31.12 2.17 -2.11	30.37 1.88 -2.77	29.46 2.63 -0.78	28.95 2.62 -0.35	28.37 2.55 -0.32	28.57 2.56 -0.39	30.45 2.87 -0.24	32.34 3.01 -0.36	39.73 3.73 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.61 3.12 -5.02	39.26 3.52 -0.22	34.87 3.00 0.00	31.87 2.47 0.00
BABYLON__69_KV_BK2 356345	30.27 2.34 -5.19	28.16 2.04 -5.34	26.05 1.98 -3.49	25.26 1.83 -4.33	25.13 2.12 -1.34	28.07 2.43 -0.05	30.48 2.70 -4.29	31.82 2.97 -1.06	31.72 3.01 0.00	31.31 2.36 -2.11	30.88 2.39 -2.77	29.58 2.76 -0.77	29.05 2.73 -0.34	28.48 2.68 -0.31	28.69 2.69 -0.37	30.66 3.09 -0.23	32.60 3.27 -0.35	40.05 4.05 -0.44	43.22 3.30 -4.03	48.65 3.28 -8.51	48.21 3.71 -5.02	39.65 3.91 -0.22	35.16 3.28 0.00	32.20 2.79 0.00
BALL_HILL_WT_PWR 323825	21.71 -1.91 -0.89	20.01 -1.68 -0.91	19.43 -1.75 -0.60	18.19 -1.64 -0.74	20.12 -1.78 -0.23	23.81 -1.79 -0.01	22.39 -1.83 -0.73	25.91 -2.06 -0.18	27.04 -1.67 0.00	25.18 -2.01 -0.36	24.19 -2.01 -0.47	24.14 -2.01 -0.10	24.44 -1.56 -0.02	24.09 -1.40 0.00	24.11 -1.51 0.00	25.57 -1.78 0.00	27.03 -1.97 -0.03	32.71 -2.91 -0.08	33.35 -3.23 -0.69	35.26 -3.06 -1.46	37.06 -3.28 -0.86	33.36 -2.20 -0.04	30.22 -1.66 0.00	28.05 -1.35 0.00
BARON_WINDS___WT_PWR 323822	22.46 -1.41 -1.14	20.67 -1.29 -1.17	19.99 -1.36 -0.77	18.78 -1.26 -0.95	20.59 -1.36 -0.29	24.22 -1.38 -0.01	23.02 -1.41 -0.94	26.44 -1.58 -0.23	27.27 -1.43 0.00	25.66 -1.64 -0.46	24.74 -1.59 -0.61	24.56 -1.62 -0.13	24.61 -1.40 -0.03	24.22 -1.27 0.00	24.34 -1.28 0.00	25.84 -1.50 0.00	27.33 -1.68 -0.04	33.37 -2.28 -0.10	34.40 -2.37 -0.88	36.47 -2.25 -1.87	38.25 -2.33 -1.10	33.97 -1.60 -0.05	30.54 -1.34 0.00	28.32 -1.09 0.00
BARRETT_IC_1 23704	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_10 23701	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_11 23702	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_12 23703	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_2 23705	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_3 23706	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_4 23707	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00

BARRETT_IC_5 23708	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_6 23709	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_7 23710	29.90 1.98 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.41 2.56 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.70 2.21 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.29 2.52 -0.27	28.46 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.34 2.84 -5.02	38.80 3.05 -0.22	34.65 2.77 0.00	31.79 2.38 0.00
BARRETT_IC_8 23711	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT_IC_9 23700	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT___1 23545	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BARRETT___2 23546	29.95 2.02 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	24.99 1.57 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.13 2.35 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.01 2.07 -2.11	30.32 1.83 -2.77	29.41 2.60 -0.75	28.90 2.60 -0.32	28.30 2.52 -0.27	28.47 2.51 -0.33	30.22 2.68 -0.20	32.11 2.81 -0.33	39.30 3.31 -0.44	42.46 2.55 -4.03	47.87 2.51 -8.51	47.18 2.69 -5.02	38.80 3.06 -0.22	34.62 2.74 0.00	31.70 2.29 0.00
BATAVIA___115KV_TB1 55881	22.10 -1.36 -0.73	20.33 -1.21 -0.75	19.78 -1.30 -0.49	18.48 -1.22 -0.61	20.57 -1.28 -0.19	24.06 -1.54 -0.01	22.73 -1.36 -0.60	26.41 -1.53 -0.15	27.27 -1.44 0.00	25.63 -1.50 -0.30	24.75 -1.36 -0.39	24.72 -1.41 -0.08	24.62 -1.38 -0.02	24.35 -1.15 0.00	24.34 -1.28 0.00	25.76 -1.59 0.00	27.23 -1.77 -0.02	33.37 -2.24 -0.06	33.87 -2.58 -0.57	35.55 -2.51 -1.20	37.54 -2.65 -0.71	33.17 -2.38 -0.03	30.12 -1.75 0.00	27.87 -1.53 0.00
BAYONEEC___CTG1 323682	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG10 323750	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG2 323683	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG3 323684	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG4 323685	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG5 323686	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG6 323687	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00

BAYONEEC___CTG7 323688	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG8 323689	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BAYONEEC___CTG9 323749	29.88 1.96 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.85 2.29 -2.84	31.90 2.35 -3.51	31.72 2.39 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.37 2.54 -3.49	34.57 2.70 -2.90	39.31 3.23 -0.52	43.00 3.09 -4.02	48.50 3.13 -8.51	47.85 3.35 -5.01	38.73 2.98 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
BEACON___LESR 323632	29.94 0.91 -6.30	28.12 0.85 -6.48	25.65 0.82 -4.24	25.12 0.76 -5.26	24.18 0.89 -1.63	26.75 1.10 -0.06	29.65 0.96 -5.19	30.22 1.14 -1.29	29.94 1.23 0.00	30.55 1.15 -2.57	30.19 1.11 -3.37	27.88 1.12 -0.71	27.26 1.12 -0.16	26.59 1.10 0.00	26.70 1.08 0.00	28.54 1.20 0.00	30.49 1.31 -0.21	37.55 1.46 -0.54	42.22 1.44 -4.89	48.70 1.51 -10.33	47.15 1.58 -6.09	37.21 1.42 -0.27	33.18 1.31 0.00	30.61 1.21 0.00
BEAVER RIVER___HYD 24048	22.55 -0.39 -0.20	21.84 -0.40 -1.45	20.30 -0.41 -0.13	18.88 -0.38 -0.17	21.30 -0.41 -0.05	26.66 -0.46 -1.53	25.02 -0.49 -2.03	29.31 -0.64 -2.16	30.16 -0.72 -2.17	28.30 -0.67 -2.14	27.12 -0.69 -2.09	27.27 -0.81 -2.03	27.18 -0.81 -2.00	26.65 -0.82 -1.97	26.83 -0.77 -1.98	28.69 -0.74 -2.08	30.47 -0.70 -2.19	37.50 -0.64 -2.59	38.21 -0.43 -2.75	39.49 -0.37 -3.00	42.07 -0.43 -3.03	37.69 -0.42 -2.59	33.86 -0.38 -2.36	31.15 -0.47 -2.22
BEEBEE_GT_13 23619	22.47 -0.89 -0.63	20.62 -0.81 -0.64	20.14 -0.86 -0.42	18.80 -0.82 -0.52	20.96 -0.87 -0.16	24.47 -1.13 -0.01	23.09 -0.92 -0.52	26.89 -1.03 -0.13	27.62 -1.09 0.00	26.09 -0.99 -0.25	25.21 -0.85 -0.33	25.26 -0.86 -0.07	25.04 -0.96 -0.02	24.68 -0.82 0.00	24.75 -0.87 0.00	26.25 -1.09 0.00	27.78 -1.22 -0.02	34.22 -1.39 -0.05	34.72 -1.65 -0.49	36.26 -1.62 -1.03	38.35 -1.74 -0.60	33.92 -1.63 -0.03	30.57 -1.31 0.00	28.23 -1.18 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.44 2.27 -15.44	28.16 2.02 -5.36	26.09 2.00 -3.51	25.31 1.87 -4.34	25.14 2.12 -1.35	28.18 2.53 -0.06	30.18 2.40 -4.29	40.46 2.86 -9.81	40.47 3.01 -8.75	40.77 2.76 -11.17	41.27 2.57 -12.97	42.06 2.58 -13.43	42.87 2.60 -14.29	43.24 2.55 -15.19	43.47 2.56 -15.28	44.21 2.84 -14.03	44.11 3.01 -12.13	44.66 3.66 -5.45	50.28 3.73 -10.66	57.81 3.76 -17.19	65.01 4.07 -21.46	44.03 3.62 -4.88	41.68 3.25 -6.55	41.01 2.91 -8.70
BETHLEHEM___GRP 23843	29.65 0.61 -6.30	27.85 0.58 -6.49	25.40 0.58 -4.24	24.89 0.53 -5.26	23.90 0.61 -1.63	26.42 0.77 -0.06	29.35 0.66 -5.20	29.86 0.78 -1.29	29.54 0.83 0.00	30.18 0.78 -2.57	29.83 0.75 -3.37	27.52 0.76 -0.71	26.92 0.78 -0.16	26.24 0.74 0.00	26.34 0.72 0.00	28.14 0.79 0.00	30.03 0.84 -0.21	37.02 0.92 -0.54	41.68 0.90 -4.89	48.12 0.92 -10.34	46.52 0.95 -6.09	36.68 0.89 -0.27	32.74 0.86 0.00	30.20 0.79 0.00
BETHLEHEM___GS1 323560	29.65 0.61 -6.30	27.85 0.58 -6.49	25.40 0.58 -4.24	24.89 0.53 -5.26	23.90 0.61 -1.63	26.42 0.77 -0.06	29.35 0.66 -5.20	29.86 0.78 -1.29	29.54 0.83 0.00	30.18 0.78 -2.57	29.84 0.75 -3.37	27.52 0.76 -0.71	26.92 0.78 -0.16	26.24 0.74 0.00	26.34 0.72 0.00	28.14 0.79 0.00	30.03 0.84 -0.21	36.98 0.89 -0.54	41.68 0.90 -4.90	48.12 0.92 -10.34	46.52 0.95 -6.09	36.68 0.89 -0.27	32.74 0.86 0.00	30.17 0.76 0.00
BETHLEHEM___GS2 323561	29.65 0.61 -6.30	27.85 0.58 -6.49	25.40 0.58 -4.24	24.89 0.53 -5.26	23.90 0.61 -1.63	26.42 0.77 -0.06	29.35 0.66 -5.20	29.86 0.78 -1.29	29.54 0.83 0.00	30.18 0.78 -2.57	29.84 0.75 -3.37	27.52 0.76 -0.71	26.92 0.78 -0.16	26.24 0.74 0.00	26.34 0.72 0.00	28.14 0.79 0.00	30.03 0.84 -0.21	36.98 0.89 -0.54	41.68 0.90 -4.90	48.12 0.92 -10.34	46.52 0.95 -6.09	36.68 0.89 -0.27	32.74 0.86 0.00	30.17 0.76 0.00
BETHLEHEM___GS3 323562	29.65 0.61 -6.30	27.85 0.58 -6.49	25.40 0.58 -4.24	24.89 0.53 -5.26	23.90 0.61 -1.63	26.42 0.77 -0.06	29.35 0.66 -5.20	29.86 0.78 -1.29	29.54 0.83 0.00	30.18 0.78 -2.57	29.84 0.75 -3.37	27.52 0.76 -0.71	26.92 0.78 -0.16	26.24 0.74 0.00	26.34 0.72 0.00	28.14 0.79 0.00	30.03 0.84 -0.21	36.98 0.89 -0.54	41.68 0.90 -4.90	48.12 0.92 -10.34	46.52 0.95 -6.09	36.68 0.89 -0.27	32.74 0.86 0.00	30.17 0.76 0.00
BETHLEHEM___STEEL 23779	21.60 -1.98 -0.85	19.91 -1.75 -0.87	19.34 -1.81 -0.57	18.10 -1.70 -0.71	20.04 -1.84 -0.22	23.60 -2.00 -0.01	22.26 -1.93 -0.70	25.77 -2.20 -0.17	26.87 -1.84 0.00	25.06 -2.12 -0.34	24.14 -2.03 -0.45	24.09 -2.06 -0.10	24.24 -1.77 -0.02	24.02 -1.48 0.00	23.96 -1.67 0.00	25.35 -2.00 0.00	26.74 -2.26 -0.03	32.39 -3.24 -0.07	32.92 -3.62 -0.66	34.71 -3.54 -1.39	36.47 -3.83 -0.82	32.40 -3.16 -0.04	29.68 -2.20 0.00	27.55 -1.85 0.00
BETHLHEM_115KV_TB1 79974	29.67 0.64 -6.30	27.87 0.60 -6.49	25.42 0.60 -4.24	24.91 0.55 -5.26	23.94 0.65 -1.63	26.45 0.79 -0.06	29.37 0.68 -5.20	29.88 0.81 -1.29	29.57 0.86 0.00	30.20 0.80 -2.56	29.86 0.77 -3.36	27.57 0.81 -0.71	26.95 0.81 -0.16	26.26 0.76 0.00	26.39 0.77 0.00	28.19 0.85 0.00	30.06 0.87 -0.21	37.09 1.00 -0.54	41.71 0.93 -4.89	48.18 1.00 -10.33	46.59 1.03 -6.09	36.75 0.96 -0.27	32.80 0.92 0.00	30.23 0.82 0.00
BETHPAGE_CC_5 323564	30.11 2.18 -5.19	27.97 1.85 -5.34	25.89 1.81 -3.49	25.11 1.68 -4.33	24.93 1.93 -1.34	27.90 2.25 -0.05	30.30 2.51 -4.29	31.58 2.72 -1.06	31.46 2.76 0.00	31.17 2.23 -2.11	30.44 1.95 -2.77	29.56 2.71 -0.81	29.06 2.70 -0.38	28.49 2.63 -0.36	28.70 2.64 -0.44	30.48 2.87 -0.27	32.34 2.98 -0.38	39.55 3.55 -0.44	42.75 2.83 -4.03	48.17 2.80 -8.51	47.49 3.00 -5.02	39.08 3.34 -0.22	34.75 2.87 0.00	31.82 2.41 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.55 -2.05 -0.86	19.86 -1.81 -0.88	19.29 -1.87 -0.58	18.05 -1.76 -0.72	19.98 -1.91 -0.22	23.63 -1.97 -0.01	22.20 -2.00 -0.71	25.69 -2.28 -0.18	26.90 -1.81 0.00	24.98 -2.20 -0.35	24.07 -2.11 -0.46	24.01 -2.14 -0.10	24.26 -1.74 -0.02	24.02 -1.48 0.00	23.98 -1.64 0.00	25.37 -1.97 0.00	26.74 -2.26 -0.03	32.35 -3.27 -0.07	32.86 -3.70 -0.67	34.65 -3.61 -1.41	36.40 -3.91 -0.83	32.40 -3.16 -0.04	29.74 -2.14 0.00	27.61 -1.79 0.00

BINGHAMTON___COGEN 23790	24.21 -0.18 -1.66	22.31 -0.19 -1.71	21.49 -0.21 -1.12	20.29 -0.19 -1.39	21.90 -0.19 -0.43	25.51 -0.10 -0.02	24.67 -0.19 -1.37	27.96 -0.17 -0.34	28.62 -0.09 0.00	27.29 -0.21 -0.68	26.40 -0.21 -0.89	26.03 -0.21 -0.19	25.92 -0.10 -0.04	25.45 -0.05 0.00	25.54 -0.08 0.00	27.23 -0.11 0.00	28.86 -0.17 -0.06	35.41 -0.28 -0.14	36.82 -0.36 -1.29	39.25 -0.33 -2.72	40.73 -0.36 -1.61	35.34 -0.25 -0.07	31.78 -0.10 0.00	29.37 -0.03 0.00
BIXINCNT_115KV_LOAD 355685	20.90 -2.75 -0.92	19.25 -2.47 -0.94	18.65 -2.55 -0.62	17.55 -2.31 -0.77	19.37 -2.53 -0.24	23.20 -2.41 -0.01	21.62 -2.63 -0.76	25.03 -2.95 -0.19	26.27 -2.44 0.00	24.23 -2.98 -0.37	23.33 -2.88 -0.49	23.21 -2.94 -0.10	23.64 -2.36 -0.02	23.43 -2.07 0.00	23.42 -2.20 0.00	24.91 -2.43 0.00	26.34 -2.67 -0.03	31.61 -4.02 -0.08	32.08 -4.52 -0.71	33.97 -4.39 -1.50	35.79 -4.58 -0.89	31.97 -3.59 -0.04	29.42 -2.45 0.00	27.37 -2.03 0.00
BLACK RIVER___HYD 24047	22.74 -0.27 -0.27	21.63 -0.29 -1.14	20.43 -0.33 -0.18	19.02 -0.31 -0.23	21.41 -0.32 -0.07	26.34 -0.31 -1.06	24.60 -0.40 -1.51	28.80 -0.50 -1.52	29.60 -0.60 -1.50	27.77 -0.59 -1.53	26.65 -0.59 -1.52	26.74 -0.73 -1.42	26.67 -0.70 -1.39	26.12 -0.74 -1.36	26.32 -0.67 -1.37	28.15 -0.63 -1.44	29.91 -0.58 -1.52	36.96 -0.39 -1.80	37.75 -0.14 -2.00	39.11 -0.04 -2.29	41.62 -0.08 -2.22	37.21 -0.11 -1.79	33.38 -0.13 -1.63	30.67 -0.27 -1.53
BLACKRVR_115KV_TB2 79977	22.74 -0.27 -0.27	21.63 -0.29 -1.14	20.44 -0.33 -0.18	19.02 -0.31 -0.23	21.41 -0.32 -0.07	26.34 -0.31 -1.06	24.60 -0.40 -1.51	28.80 -0.50 -1.52	29.60 -0.60 -1.50	27.77 -0.59 -1.53	26.65 -0.59 -1.52	26.73 -0.73 -1.42	26.66 -0.70 -1.39	26.12 -0.74 -1.36	26.32 -0.67 -1.37	28.15 -0.63 -1.44	29.91 -0.58 -1.52	36.96 -0.39 -1.80	37.75 -0.14 -2.00	39.11 -0.04 -2.29	41.62 -0.08 -2.22	37.21 -0.11 -1.79	33.38 -0.13 -1.63	30.67 -0.26 -1.53
BLISS_WT_PWR 323608	20.67 -2.98 -0.92	19.05 -2.68 -0.94	18.44 -2.76 -0.62	17.38 -2.48 -0.77	19.19 -2.71 -0.24	22.99 -2.61 -0.01	21.40 -2.84 -0.76	24.81 -3.17 -0.19	26.01 -2.70 0.00	24.01 -3.19 -0.37	23.10 -3.11 -0.49	23.00 -3.15 -0.10	23.46 -2.55 -0.02	23.15 -2.35 0.00	23.21 -2.41 0.00	24.72 -2.62 0.00	26.19 -2.81 -0.03	31.40 -4.23 -0.08	31.83 -4.77 -0.71	33.72 -4.65 -1.50	35.59 -4.78 -0.89	32.40 -3.16 -0.04	29.29 -2.58 0.00	27.23 -2.18 0.00
BLUESTONE___WT_PWR 323821	25.26 0.73 -1.80	23.26 0.62 -1.85	22.35 0.56 -1.21	21.13 0.53 -1.50	22.80 0.67 -0.47	26.58 0.97 -0.02	25.75 0.77 -1.49	29.13 0.97 -0.37	29.74 1.03 0.00	28.45 0.88 -0.73	27.53 0.85 -0.96	27.03 0.78 -0.20	26.88 0.86 -0.05	26.31 0.82 0.00	26.52 0.90 0.00	28.33 0.98 0.00	30.11 1.07 -0.06	37.09 1.39 -0.16	38.72 1.44 -1.40	41.36 1.55 -2.95	42.80 1.58 -1.74	37.16 1.56 -0.08	33.25 1.37 0.00	30.61 1.21 0.00
BLUE_CIRC_CHEM_DRP 24182	29.70 0.75 -6.21	27.88 0.71 -6.39	25.46 0.70 -4.18	24.93 0.65 -5.19	24.01 0.74 -1.61	26.60 0.95 -0.06	29.39 0.78 -5.12	29.98 0.92 -1.27	29.68 0.98 0.00	30.17 0.80 -2.53	29.79 0.75 -3.32	27.48 0.73 -0.70	26.92 0.78 -0.16	26.26 0.76 0.00	26.39 0.77 0.00	28.19 0.85 0.00	30.14 0.96 -0.21	37.18 1.10 -0.53	41.74 1.08 -4.78	48.22 1.18 -10.19	46.75 1.26 -6.00	36.99 1.21 -0.26	32.99 1.12 0.00	30.43 1.03 0.00
BOC_GAS_DRP 24189	29.72 0.70 -6.28	27.91 0.67 -6.46	25.47 0.66 -4.23	24.95 0.61 -5.24	23.98 0.69 -1.63	26.50 0.84 -0.06	29.42 0.75 -5.18	29.96 0.89 -1.29	29.65 0.95 0.00	30.25 0.86 -2.56	29.90 0.82 -3.35	27.62 0.86 -0.71	27.02 0.88 -0.16	26.34 0.84 0.00	26.44 0.82 0.00	28.24 0.90 0.00	30.14 0.96 -0.21	37.19 1.10 -0.54	41.83 1.08 -4.87	48.25 1.11 -10.29	46.73 1.18 -6.07	36.89 1.10 -0.27	32.86 0.99 0.00	30.32 0.91 0.00
BOONVILLE_115KV_TB1 79983	23.05 0.14 -0.18	21.56 0.10 -0.67	20.78 0.08 -0.12	19.32 0.08 -0.15	21.82 0.11 -0.05	26.37 0.18 -0.60	24.46 0.09 -0.87	28.76 0.11 -0.86	29.67 0.11 -0.85	27.79 0.08 -0.88	26.67 0.08 -0.87	26.85 0.00 -0.80	26.79 0.03 -0.79	26.27 0.00 -0.77	26.42 0.03 -0.77	28.24 0.08 -0.81	29.95 0.12 -0.86	36.86 0.28 -1.02	37.40 0.36 -1.15	38.60 0.41 -1.34	41.15 0.39 -1.28	36.90 0.36 -1.02	33.09 0.29 -0.92	30.45 0.18 -0.87
BORALEX_4TH_BRANCH 23824	30.42 1.39 -6.30	28.54 1.27 -6.49	26.06 1.23 -4.24	25.50 1.15 -5.26	24.63 1.34 -1.63	27.27 1.61 -0.06	30.16 1.48 -5.19	30.86 1.78 -1.29	30.57 1.87 0.00	31.14 1.74 -2.56	30.75 1.67 -3.36	28.45 1.69 -0.71	27.80 1.66 -0.16	27.03 1.53 0.00	27.13 1.51 0.00	28.93 1.59 0.00	30.81 1.62 -0.21	38.12 2.03 -0.54	42.89 2.12 -4.88	49.40 2.21 -10.33	47.94 2.37 -6.09	37.96 2.17 -0.27	33.79 1.91 0.00	31.14 1.73 0.00
BOWLINE___1 23526	29.16 1.46 -4.97	27.21 1.31 -5.12	25.20 1.28 -3.35	24.45 1.20 -4.15	24.32 1.37 -1.29	27.30 1.66 -0.05	29.14 1.55 -4.10	30.67 1.86 -1.02	30.63 1.92 0.00	30.63 1.77 -2.02	30.07 1.70 -2.65	28.35 1.75 -0.56	27.87 1.77 -0.13	27.23 1.73 0.00	27.34 1.72 0.00	29.23 1.89 0.00	31.17 2.03 -0.17	38.40 2.42 -0.43	42.07 2.33 -3.85	47.37 2.36 -8.15	46.85 2.56 -4.80	38.04 2.31 -0.21	33.92 2.04 0.00	31.23 1.82 0.00
BOWLINE___2 23595	29.16 1.46 -4.97	27.21 1.31 -5.12	25.20 1.28 -3.35	24.45 1.20 -4.15	24.32 1.37 -1.29	27.30 1.66 -0.05	29.14 1.55 -4.10	30.67 1.86 -1.02	30.63 1.92 0.00	30.63 1.77 -2.02	30.07 1.70 -2.65	28.35 1.75 -0.56	27.87 1.77 -0.13	27.23 1.73 0.00	27.34 1.72 0.00	29.23 1.89 0.00	31.17 2.03 -0.17	38.40 2.42 -0.43	42.08 2.33 -3.86	47.37 2.36 -8.15	46.85 2.56 -4.80	38.04 2.31 -0.21	33.92 2.04 0.00	31.23 1.82 0.00
BRADY___115KV_TB2 356060	22.44 -0.30 0.00	22.15 -0.23 -1.60	20.40 -0.19 0.00	18.92 -0.17 0.00	21.42 -0.24 0.00	27.20 -0.36 -1.96	25.55 -0.33 -2.39	30.01 -0.50 -2.72	30.89 -0.60 -2.78	28.94 -0.54 -2.64	27.69 -0.59 -2.55	27.98 -0.65 -2.58	27.87 -0.68 -2.57	27.37 -0.66 -2.53	27.55 -0.61 -2.55	29.42 -0.60 -2.68	31.23 -0.55 -2.81	38.28 -0.57 -3.30	38.90 -0.32 -3.34	39.96 -0.33 -3.43	42.76 -0.36 -3.64	38.49 -0.36 -3.32	34.53 -0.38 -3.04	31.87 -0.38 -2.85
BRANSCOMB___SOLAR 323811	30.47 1.27 -6.46	28.58 1.14 -6.65	26.06 1.13 -4.35	25.52 1.03 -5.39	24.63 1.30 -1.67	27.24 1.59 -0.06	30.23 1.43 -5.31	30.80 1.70 -1.32	30.46 1.75 0.00	31.12 1.66 -2.62	30.73 1.57 -3.44	28.26 1.48 -0.73	27.62 1.48 -0.16	26.95 1.45 0.00	27.06 1.43 0.00	28.96 1.61 0.00	30.99 1.80 -0.22	38.13 2.03 -0.56	42.98 2.08 -5.01	49.62 2.17 -10.59	48.05 2.33 -6.24	37.89 2.10 -0.27	33.66 1.78 0.00	31.05 1.65 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.17 2.25 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.04 2.04 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.74 2.89 -1.06	31.61 2.90 0.00	31.17 2.23 -2.11	30.75 2.26 -2.77	29.43 2.63 -0.75	28.89 2.60 -0.32	28.32 2.55 -0.27	28.51 2.56 -0.33	30.52 2.98 -0.20	32.43 3.13 -0.33	39.90 3.91 -0.44	43.04 3.12 -4.03	48.46 3.10 -8.51	48.05 3.55 -5.02	39.47 3.73 -0.22	35.03 3.16 0.00	32.05 2.65 0.00

CALVERTON___SOLAR 323806	30.20 2.27 -5.19	28.04 1.91 -5.34	25.97 1.89 -3.49	25.18 1.76 -4.33	25.02 2.01 -1.34	27.92 2.28 -0.05	30.34 2.56 -4.29	31.63 2.78 -1.06	31.55 2.84 0.00	30.85 1.91 -2.11	29.83 1.34 -2.77	28.85 2.06 -0.74	28.32 2.03 -0.31	27.75 1.99 -0.26	27.96 2.02 -0.32	30.32 2.79 -0.19	32.25 2.96 -0.32	39.76 3.77 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.49 3.00 -5.02	39.37 3.63 -0.22	34.75 2.87 0.00	31.64 2.23 0.00
CANDIGU_WT_PWR 323617	22.46 -1.41 -1.14	20.67 -1.29 -1.17	19.99 -1.36 -0.77	18.78 -1.26 -0.95	20.59 -1.36 -0.29	24.22 -1.38 -0.01	23.02 -1.41 -0.94	26.44 -1.58 -0.23	27.27 -1.43 0.00	25.66 -1.64 -0.46	24.74 -1.59 -0.61	24.56 -1.62 -0.13	24.61 -1.40 -0.03	24.22 -1.27 0.00	24.34 -1.28 0.00	25.84 -1.50 0.00	27.33 -1.68 -0.04	33.37 -2.28 -0.10	34.40 -2.37 -0.88	36.47 -2.25 -1.87	38.25 -2.33 -1.10	33.97 -1.60 -0.05	30.54 -1.34 0.00	28.32 -1.09 0.00
CARR STREET_E_SYR 24060	22.89 -0.32 -0.47	20.98 -0.29 -0.48	20.59 -0.31 -0.32	19.20 -0.29 -0.39	21.46 -0.32 -0.12	25.24 -0.36 0.00	23.55 -0.33 -0.39	27.52 -0.36 -0.10	28.33 -0.37 0.00	26.67 -0.35 -0.19	25.67 -0.31 -0.25	25.79 -0.31 -0.05	25.71 -0.29 -0.01	25.22 -0.28 0.00	25.34 -0.28 0.00	27.02 -0.33 0.00	28.61 -0.38 -0.02	35.17 -0.43 -0.04	35.75 -0.50 -0.36	37.15 -0.48 -0.77	39.42 -0.51 -0.45	35.12 -0.42 -0.02	31.46 -0.42 0.00	29.05 -0.35 0.00
CARTHAGE___PAPER 23857	22.61 -0.36 -0.24	21.67 -0.37 -1.26	20.35 -0.39 -0.16	18.93 -0.36 -0.20	21.31 -0.41 -0.06	26.40 -0.44 -1.24	24.71 -0.49 -1.71	28.94 -0.61 -1.76	29.75 -0.72 -1.76	27.90 -0.70 -1.77	26.74 -0.72 -1.74	26.84 -0.86 -1.65	26.77 -0.83 -1.62	26.23 -0.87 -1.60	26.41 -0.82 -1.60	28.27 -0.77 -1.69	30.03 -0.72 -1.78	37.05 -0.60 -2.10	37.86 -0.32 -2.29	39.17 -0.26 -2.56	41.69 -0.32 -2.53	37.27 -0.36 -2.10	33.47 -0.32 -1.91	30.76 -0.44 -1.80
CASSADAGA_WT_PWR 323784	21.19 -2.46 -0.91	19.56 -2.16 -0.94	18.93 -2.26 -0.61	17.73 -2.12 -0.76	19.58 -2.32 -0.24	23.25 -2.35 -0.01	21.85 -2.40 -0.75	25.28 -2.70 -0.19	26.55 -2.15 0.00	24.63 -2.58 -0.37	23.64 -2.57 -0.49	23.60 -2.55 -0.10	24.00 -2.00 -0.02	23.69 -1.81 0.00	23.75 -1.87 0.00	25.24 -2.10 0.00	26.77 -2.23 -0.03	32.32 -3.31 -0.08	33.18 -3.41 -0.71	35.22 -3.13 -1.49	37.00 -3.36 -0.88	33.54 -2.02 -0.04	30.44 -1.43 0.00	28.23 -1.18 0.00
CE_DUNWOOD___DRP 24194	29.62 1.71 -5.18	27.63 1.52 -5.33	25.57 1.50 -3.49	24.83 1.41 -4.32	24.61 1.60 -1.34	27.56 1.92 -0.05	29.57 1.81 -4.27	31.02 2.17 -1.06	30.95 2.24 0.00	31.01 2.07 -2.11	30.47 1.98 -2.77	28.78 2.03 -0.70	28.29 2.05 -0.25	27.69 2.01 -0.18	27.86 2.02 -0.22	29.69 2.21 -0.13	31.60 2.35 -0.28	38.81 2.81 -0.45	42.63 2.73 -4.02	48.11 2.76 -8.49	47.48 3.00 -5.00	38.44 2.70 -0.22	34.27 2.39 0.00	31.55 2.15 0.00
CE_MILLWOOD___DRP 24193	29.56 1.66 -5.17	27.58 1.48 -5.32	25.50 1.44 -3.48	24.77 1.36 -4.32	24.56 1.56 -1.34	27.51 1.87 -0.05	29.49 1.74 -4.26	30.93 2.08 -1.06	30.86 2.15 0.00	30.92 1.99 -2.10	30.39 1.90 -2.76	28.67 1.95 -0.67	28.18 1.97 -0.23	27.58 1.94 -0.14	27.74 1.95 -0.17	29.58 2.13 -0.11	31.49 2.26 -0.26	38.70 2.70 -0.45	42.52 2.62 -4.01	47.99 2.65 -8.47	47.36 2.88 -5.00	38.34 2.59 -0.22	34.17 2.30 0.00	31.46 2.06 0.00
CE_NYC2_DRP 24202	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.94 2.16 -4.29	31.42 2.56 -1.07	31.41 2.70 0.00	31.42 2.47 -2.12	30.92 2.34 -2.85	32.57 2.37 -4.15	32.43 2.39 -4.06	33.55 2.32 -5.74	34.86 2.33 -6.90	34.16 2.57 -4.25	35.19 2.72 -3.49	39.39 3.31 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.09 3.59 -5.02	38.95 3.20 -0.23	34.75 2.87 -0.01	32.00 2.59 -0.01
CE_NYC_DRP 24195	29.90 1.98 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.05 1.62 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.84 2.07 -4.28	31.32 2.47 -1.06	31.29 2.58 0.00	31.33 2.39 -2.11	30.87 2.32 -2.83	31.76 2.37 -3.34	31.54 2.39 -3.17	32.31 2.37 -4.44	33.32 2.36 -5.34	33.23 2.60 -3.29	34.47 2.75 -2.74	39.34 3.27 -0.52	43.07 3.16 -4.02	48.58 3.21 -8.51	47.93 3.43 -5.01	38.80 3.05 -0.22	34.62 2.74 0.00	31.87 2.47 0.00
CHAFFEE___LFGE 323603	21.36 -2.34 -0.97	19.68 -2.10 -1.00	19.07 -2.16 -0.65	17.90 -2.00 -0.81	19.70 -2.21 -0.25	23.91 -1.69 -0.01	22.01 -2.28 -0.80	25.40 -2.58 -0.20	27.10 -1.61 0.00	24.68 -2.55 -0.39	23.67 -2.57 -0.52	23.61 -2.55 -0.11	24.42 -1.59 -0.02	24.04 -1.45 0.00	24.06 -1.56 0.00	25.48 -1.86 0.00	26.92 -2.09 -0.03	31.90 -3.73 -0.08	32.59 -4.06 -0.75	34.50 -3.94 -1.59	36.19 -4.22 -0.94	33.18 -2.38 -0.04	29.96 -1.91 0.00	27.87 -1.53 0.00
CHATEAUG_35_KV_LOAD 355732	21.69 -1.05 0.00	-1.34 -0.94 21.19	19.90 -0.68 0.00	18.43 -0.67 0.00	20.80 -0.87 0.00	-1.65 -1.25 25.99	-9.28 -1.10 31.67	-9.62 -1.39 36.02	-9.65 -1.46 36.90	-9.52 -1.31 35.04	-9.46 -1.34 33.85	-9.54 -1.41 34.18	-9.47 -1.43 34.02	-9.46 -1.40 33.56	-9.48 -1.36 33.74	-9.61 -1.45 35.50	-9.71 -1.45 37.23	-9.87 -1.67 43.75	-9.83 -1.47 44.25	-10.16 -1.55 45.47	-10.35 -1.62 48.21	-9.95 -1.49 43.98	-9.86 -1.50 40.24	-9.74 -1.41 37.74
CHATEAUG_WT_PWR 323614	21.69 -1.05 0.00	0.16 -0.96 19.66	19.90 -0.68 0.00	18.42 -0.67 0.00	20.82 -0.85 0.00	0.25 -1.23 24.11	-6.99 -1.10 29.38	-7.02 -1.39 33.42	-6.96 -1.43 34.24	-6.99 -1.31 32.51	-6.99 -1.31 31.40	-7.02 -1.36 31.71	-7.02 -1.43 31.57	-7.02 -1.38 31.14	-7.02 -1.33 31.31	-7.02 -1.42 32.94	-7.02 -1.45 34.55	-6.78 -1.74 40.59	-6.74 -1.58 41.06	-6.99 -1.66 42.19	-6.99 -1.74 44.73	-6.99 -1.70 40.81	-6.99 -1.53 37.34	-7.02 -1.41 35.01
CHAT_HIGH_FALL_HYD 323578	21.69 -1.05 0.00	-1.34 -0.94 21.19	19.90 -0.68 0.00	18.43 -0.67 0.00	20.80 -0.87 0.00	-1.65 -1.25 25.99	-9.28 -1.10 31.67	-9.62 -1.39 36.02	-9.65 -1.46 36.90	-9.52 -1.31 35.04	-9.46 -1.34 33.85	-9.54 -1.41 34.18	-9.47 -1.43 34.02	-9.46 -1.40 33.56	-9.48 -1.36 33.74	-9.61 -1.45 35.50	-9.71 -1.45 37.23	-9.87 -1.67 43.75	-9.83 -1.47 44.25	-10.16 -1.55 45.47	-10.35 -1.62 48.21	-9.95 -1.49 43.98	-9.86 -1.50 40.24	-9.74 -1.41 37.74
CHAUTAUQUA___LFGE 323629	21.67 -1.96 -0.89	19.98 -1.72 -0.92	19.37 -1.81 -0.60	18.14 -1.70 -0.74	20.05 -1.84 -0.23	23.76 -1.84 -0.01	22.35 -1.88 -0.73	25.86 -2.11 -0.18	27.04 -1.67 0.00	25.13 -2.07 -0.36	24.14 -2.06 -0.48	24.09 -2.06 -0.10	24.42 -1.59 -0.02	24.07 -1.43 0.00	24.11 -1.51 0.00	25.57 -1.78 0.00	27.06 -1.94 -0.03	32.75 -2.88 -0.08	33.46 -3.12 -0.69	35.41 -2.91 -1.46	37.22 -3.12 -0.86	33.54 -2.02 -0.04	30.38 -1.50 0.00	28.23 -1.18 0.00
CHERRYST_13_KV_LD 356241	29.95 2.02 -5.19	27.91 1.79 -5.34	25.84 1.77 -3.49	25.09 1.66 -4.33	24.89 1.88 -1.34	27.90 2.25 -0.05	29.89 2.11 -4.28	31.38 2.53 -1.06	31.38 2.67 0.00	31.39 2.44 -2.11	30.92 2.37 -2.83	31.86 2.45 -3.36	31.64 2.47 -3.19	32.41 2.45 -4.47	33.43 2.43 -5.37	33.33 2.68 -3.31	34.57 2.84 -2.76	39.44 3.38 -0.52	43.18 3.27 -4.02	48.69 3.32 -8.51	48.05 3.55 -5.01	38.90 3.16 -0.22	34.71 2.84 0.00	31.93 2.53 0.00

CHESTROR_138KV_BK263 355645	28.75 1.25 -4.76	26.79 1.10 -4.90	24.88 1.09 -3.21	24.10 1.03 -3.98	24.07 1.17 -1.23	27.05 1.41 -0.05	28.73 1.32 -3.93	30.35 1.58 -0.98	30.34 1.64 0.00	30.27 1.50 -1.94	29.71 1.44 -2.54	28.04 1.46 -0.54	27.58 1.48 -0.12	26.95 1.45 0.00	27.08 1.46 0.00	28.93 1.59 0.00	30.84 1.71 -0.16	38.02 2.06 -0.41	41.59 2.01 -3.69	46.69 2.03 -7.81	46.29 2.21 -4.60	37.68 1.95 -0.20	33.63 1.75 0.00	30.99 1.59 0.00
CH_MIDHUDSON___DRP 24192	29.50 1.52 -5.24	27.53 1.35 -5.40	25.45 1.34 -3.53	24.73 1.26 -4.38	24.45 1.43 -1.36	27.36 1.71 -0.05	29.39 1.57 -4.32	30.72 1.86 -1.07	30.66 1.95 0.00	30.76 1.80 -2.13	30.25 1.72 -2.80	28.41 1.77 -0.59	27.88 1.77 -0.13	27.23 1.73 0.00	27.36 1.74 0.00	29.26 1.91 0.00	31.18 2.03 -0.18	38.46 2.45 -0.45	42.36 2.40 -4.07	47.92 2.47 -8.60	47.19 2.65 -5.07	38.13 2.38 -0.22	33.98 2.10 0.00	31.32 1.91 0.00
CH_MISC_IPPS 23765	29.45 1.57 -5.15	27.48 1.39 -5.30	25.41 1.36 -3.47	24.69 1.30 -4.30	24.47 1.47 -1.33	27.41 1.76 -0.05	29.36 1.62 -4.25	30.76 1.92 -1.05	30.72 2.01 0.00	30.78 1.85 -2.10	30.24 1.77 -2.75	28.43 1.80 -0.58	27.90 1.79 -0.13	27.28 1.78 0.00	27.41 1.79 0.00	29.31 1.97 0.00	31.29 2.14 -0.17	38.59 2.59 -0.44	42.43 2.55 -3.99	47.92 2.62 -8.44	47.26 2.80 -4.98	38.23 2.49 -0.22	34.11 2.23 0.00	31.40 2.00 0.00
CH_RES_BVR_FALLS 23983	22.05 -0.68 0.00	20.18 -0.60 0.00	20.03 -0.55 0.00	18.56 -0.53 0.00	21.06 -0.61 0.00	24.82 -0.77 0.00	22.79 -0.70 0.00	26.93 -0.86 0.00	27.82 -0.89 0.00	26.05 -0.78 0.00	24.95 -0.77 0.00	25.24 -0.81 0.00	25.15 -0.83 0.00	24.68 -0.82 0.00	24.83 -0.79 0.00	26.49 -0.85 0.00	28.13 -0.84 0.00	34.52 -1.03 0.00	34.96 -0.93 0.00	35.90 -0.96 0.00	38.41 -1.06 0.00	34.49 -1.03 0.00	30.98 -0.89 0.00	28.58 -0.82 0.00
CH_RES_NIAGARA 23895	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.88 -2.26 -0.42	23.84 -2.29 -0.09	23.71 -2.29 -0.02	23.51 -1.99 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.89 -3.73 -0.07	32.30 -4.20 -0.61	33.97 -4.16 -1.28	35.69 -4.54 -0.76	31.58 -3.98 -0.03	28.82 -3.06 0.00	26.76 -2.65 0.00
CH_RES_SYRACUSE 23985	23.05 -0.21 -0.52	21.12 -0.21 -0.54	20.71 -0.23 -0.35	19.34 -0.19 -0.44	21.58 -0.22 -0.14	25.37 -0.23 -0.01	23.71 -0.21 -0.43	27.67 -0.22 -0.11	28.48 -0.23 0.00	26.83 -0.22 -0.21	25.80 -0.21 -0.28	25.93 -0.18 -0.06	25.81 -0.18 -0.01	25.34 -0.15 0.00	25.47 -0.15 0.00	27.15 -0.19 0.00	28.76 -0.23 -0.02	35.35 -0.25 -0.05	36.01 -0.29 -0.41	37.42 -0.30 -0.86	39.71 -0.27 -0.51	35.30 -0.25 -0.02	31.62 -0.26 0.00	29.20 -0.20 0.00
CLINTON_WT_PWR 323605	21.69 -1.05 0.00	0.16 -0.96 19.66	19.90 -0.68 0.00	18.42 -0.67 0.00	20.82 -0.85 0.00	0.25 -1.23 24.11	-6.99 -1.10 29.38	-7.02 -1.39 33.42	-6.96 -1.43 34.24	-6.99 -1.31 32.51	-6.99 -1.31 31.40	-7.02 -1.36 31.71	-7.02 -1.43 31.57	-7.02 -1.38 31.14	-7.02 -1.33 31.31	-7.02 -1.42 32.94	-7.02 -1.45 34.55	-6.78 -1.74 40.59	-6.74 -1.58 41.06	-6.99 -1.66 42.19	-6.99 -1.74 44.73	-6.99 -1.70 40.81	-6.99 -1.53 37.34	-7.02 -1.41 35.01
CLINTON___LFGE 323618	21.89 -0.84 0.00	0.01 -0.71 20.07	20.11 -0.47 0.00	18.62 -0.48 0.00	21.01 -0.65 0.00	0.01 -0.97 24.61	-7.29 -0.80 29.98	-7.31 -1.00 34.10	-7.29 -1.06 34.94	-7.28 -0.94 33.18	-7.30 -0.98 32.05	-7.36 -1.04 32.36	-7.35 -1.12 32.22	-7.32 -1.05 31.77	-7.35 -1.03 31.95	-7.34 -1.07 33.62	-7.32 -1.04 35.25	-7.12 -1.25 41.42	-7.01 -1.00 41.90	-7.27 -1.07 43.05	-7.32 -1.15 45.65	-7.33 -1.21 41.64	-7.34 -1.12 38.10	-7.36 -1.03 35.73
COBBLENY_34_KV_TB1 80064	21.36 -2.34 -0.97	19.68 -2.10 -1.00	19.07 -2.16 -0.65	17.90 -2.00 -0.81	19.70 -2.21 -0.25	23.91 -1.69 -0.01	22.01 -2.28 -0.80	25.40 -2.58 -0.20	27.10 -1.61 0.00	24.68 -2.55 -0.39	23.69 -2.55 -0.52	23.61 -2.55 -0.11	24.37 -1.64 -0.02	24.09 -1.40 0.00	24.06 -1.56 0.00	25.48 -1.86 0.00	26.83 -2.17 -0.03	31.90 -3.73 -0.08	32.59 -4.06 -0.75	34.50 -3.94 -1.59	36.15 -4.26 -0.94	32.37 -3.20 -0.04	29.93 -1.94 0.00	27.90 -1.50 0.00
COFFEEN___115KV_TB3 355620	22.83 -0.18 -0.28	21.69 -0.21 -1.12	20.50 -0.27 -0.19	19.10 -0.23 -0.23	21.50 -0.24 -0.07	26.41 -0.20 -1.02	24.66 -0.31 -1.47	28.87 -0.39 -1.47	29.64 -0.52 -1.45	27.78 -0.54 -1.49	26.66 -0.54 -1.48	26.74 -0.68 -1.37	26.67 -0.65 -1.34	26.13 -0.69 -1.32	26.31 -0.64 -1.33	28.16 -0.57 -1.39	29.95 -0.49 -1.47	37.04 -0.25 -1.74	37.88 0.04 -1.95	39.25 0.15 -2.24	41.76 0.12 -2.16	37.30 0.04 -1.74	33.49 0.03 -1.58	30.74 -0.15 -1.48
COLDSPRG_115KV_BK1 355956	21.68 -2.00 -0.94	20.01 -1.75 -0.97	19.38 -1.83 -0.63	18.14 -1.74 -0.79	20.04 -1.86 -0.24	23.99 -1.61 -0.01	22.37 -1.90 -0.78	25.87 -2.11 -0.19	27.39 -1.32 0.00	25.23 -1.99 -0.38	24.19 -2.03 -0.50	24.10 -2.06 -0.11	24.63 -1.38 -0.02	24.40 -1.10 0.00	24.37 -1.26 0.00	25.87 -1.48 0.00	27.32 -1.68 -0.03	32.82 -2.81 -0.08	33.53 -3.09 -0.73	35.56 -2.84 -1.54	37.27 -3.12 -0.91	33.29 -2.27 -0.04	30.70 -1.18 0.00	28.52 -0.88 0.00
COLONIE_LFGE___ 323577	30.20 1.07 -6.39	28.34 0.98 -6.58	25.85 0.97 -4.30	25.31 0.88 -5.34	24.38 1.06 -1.65	26.93 1.28 -0.06	29.93 1.17 -5.26	30.48 1.39 -1.31	30.17 1.46 0.00	30.80 1.37 -2.60	30.44 1.31 -3.41	28.07 1.30 -0.72	27.47 1.32 -0.16	26.75 1.25 0.00	26.85 1.23 0.00	28.68 1.34 0.00	30.61 1.42 -0.22	37.77 1.67 -0.55	42.54 1.69 -4.96	49.11 1.77 -10.48	47.55 1.89 -6.18	37.50 1.71 -0.27	33.37 1.50 0.00	30.76 1.35 0.00
COOPERNY_115KV_TB1 80082	27.53 0.91 -3.89	25.59 0.81 -4.00	23.98 0.78 -2.62	23.08 0.74 -3.25	23.51 0.84 -1.01	26.65 1.02 -0.04	27.66 0.96 -3.21	29.75 1.17 -0.80	29.88 1.18 0.00	29.51 1.10 -1.58	28.85 1.05 -2.08	27.56 1.07 -0.44	27.17 1.09 -0.10	26.57 1.07 0.00	26.70 1.08 0.00	28.52 1.18 0.00	30.35 1.25 -0.13	37.38 1.49 -0.33	40.34 1.44 -3.01	44.70 1.47 -6.37	44.81 1.58 -3.76	37.11 1.42 -0.17	33.15 1.28 0.00	30.55 1.15 0.00
COPENHAGEN_WT_PWR 323753	22.73 -0.30 -0.29	21.55 -0.31 -1.08	20.42 -0.35 -0.19	19.01 -0.32 -0.24	21.39 -0.35 -0.07	26.22 -0.33 -0.97	24.48 -0.42 -1.41	28.65 -0.53 -1.39	29.44 -0.63 -1.37	27.63 -0.62 -1.42	26.54 -0.59 -1.41	26.62 -0.73 -1.30	26.55 -0.70 -1.27	26.00 -0.74 -1.24	26.21 -0.67 -1.25	28.03 -0.63 -1.32	29.78 -0.58 -1.39	36.73 -0.46 -1.65	37.54 -0.21 -1.86	38.90 -0.11 -2.16	41.39 -0.16 -2.06	36.99 -0.18 -1.64	33.18 -0.19 -1.49	30.48 -0.32 -1.40
CORNELL_____ 23752	24.00 0.11 -1.15	22.05 0.08 -1.19	21.42 0.06 -0.78	20.11 0.06 -0.96	22.05 0.09 -0.30	25.81 0.20 -0.01	24.56 0.12 -0.95	28.22 0.19 -0.24	28.94 0.23 0.00	27.41 0.11 -0.47	26.44 0.10 -0.62	26.28 0.10 -0.13	26.11 0.10 -0.03	25.65 0.15 0.00	25.78 0.15 0.00	27.51 0.16 0.00	29.22 0.20 -0.04	35.94 0.28 -0.10	37.11 0.32 -0.89	39.12 0.37 -1.89	40.99 0.39 -1.11	35.93 0.36 -0.05	32.23 0.35 0.00	29.73 0.32 0.00

ELLENBURG_WT_PWR 323604	21.69 -1.05 0.00	0.16 -0.96 19.66	19.90 -0.68 0.00	18.42 -0.67 0.00	20.82 -0.85 0.00	0.25 -1.23 24.11	-6.99 -1.10 29.38	-7.02 -1.39 33.42	-6.96 -1.43 34.24	-6.99 -1.31 32.51	-6.99 -1.31 31.40	-7.02 -1.36 31.71	-7.02 -1.43 31.57	-7.02 -1.38 31.14	-7.02 -1.33 31.31	-7.02 -1.42 32.94	-7.02 -1.45 34.55	-6.78 -1.74 40.59	-6.74 -1.58 41.06	-6.99 -1.66 42.19	-6.99 -1.74 44.73	-6.99 -1.70 40.81	-6.99 -1.53 37.34	-7.02 -1.41 35.01
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.61 -1.96 -0.83	19.91 -1.72 -0.85	19.35 -1.79 -0.56	18.10 -1.68 -0.69	20.06 -1.82 -0.21	23.55 -2.05 -0.01	22.25 -1.93 -0.68	25.76 -2.20 -0.17	26.78 -1.92 0.00	25.05 -2.12 -0.34	24.13 -2.03 -0.44	24.08 -2.06 -0.09	24.16 -1.84 -0.02	23.94 -1.56 0.00	23.90 -1.72 0.00	25.26 -2.08 0.00	26.65 -2.35 -0.03	32.39 -3.24 -0.07	32.87 -3.66 -0.64	34.64 -3.58 -1.36	36.41 -3.87 -0.80	32.29 -3.27 -0.04	29.55 -2.33 0.00	27.43 -1.97 0.00
EMPIRE_CC_1 323656	29.92 1.11 -6.07	28.07 1.04 -6.25	25.68 1.01 -4.09	25.10 0.94 -5.07	24.32 1.08 -1.57	26.96 1.30 -0.06	29.67 1.17 -5.01	30.42 1.39 -1.24	30.17 1.46 0.00	30.65 1.34 -2.47	30.28 1.31 -3.24	28.06 1.33 -0.69	27.46 1.32 -0.16	26.75 1.25 0.00	26.85 1.23 0.00	28.65 1.31 0.00	30.54 1.36 -0.21	37.71 1.64 -0.52	42.25 1.65 -4.71	48.55 1.73 -9.96	47.21 1.86 -5.87	37.49 1.71 -0.26	33.41 1.53 0.00	30.79 1.38 0.00
EMPIRE_CC_2 323658	29.92 1.11 -6.07	28.07 1.04 -6.25	25.68 1.01 -4.09	25.10 0.94 -5.07	24.32 1.08 -1.57	26.96 1.30 -0.06	29.67 1.17 -5.01	30.42 1.39 -1.24	30.17 1.46 0.00	30.65 1.34 -2.47	30.28 1.31 -3.24	28.06 1.33 -0.69	27.46 1.32 -0.16	26.75 1.25 0.00	26.85 1.23 0.00	28.65 1.31 0.00	30.54 1.36 -0.21	37.71 1.64 -0.52	42.25 1.65 -4.71	48.55 1.73 -9.96	47.21 1.86 -5.87	37.49 1.71 -0.26	33.41 1.53 0.00	30.79 1.38 0.00
ENORWICH_115KV_TB1 80156	25.08 0.75 -1.60	23.07 0.64 -1.65	22.23 0.58 -1.08	21.00 0.57 -1.34	22.79 0.71 -0.41	26.71 1.10 -0.02	25.66 0.85 -1.32	29.17 1.06 -0.33	29.80 1.09 0.00	28.40 0.91 -0.65	27.43 0.85 -0.85	26.96 0.73 -0.18	26.80 0.78 -0.04	26.26 0.76 0.00	26.47 0.85 0.00	28.33 0.98 0.00	30.13 1.10 -0.05	37.25 1.56 -0.14	38.85 1.72 -1.24	41.36 1.88 -2.62	42.92 1.89 -1.55	37.33 1.74 -0.07	33.47 1.59 0.00	30.79 1.38 0.00
ERIE_ST__34_KV_TB1-2 80199	21.43 -2.16 -0.86	19.75 -1.91 -0.88	19.18 -1.98 -0.58	17.96 -1.85 -0.72	19.87 -2.01 -0.22	23.76 -1.84 -0.01	22.09 -2.11 -0.71	25.55 -2.42 -0.18	27.01 -1.69 0.00	24.87 -2.31 -0.35	23.94 -2.24 -0.46	23.88 -2.27 -0.10	24.37 -1.64 -0.02	24.12 -1.38 0.00	24.06 -1.56 0.00	25.48 -1.86 0.00	26.83 -2.17 -0.03	32.18 -3.45 -0.07	32.71 -3.84 -0.67	34.54 -3.72 -1.41	36.24 -4.07 -0.83	32.40 -3.16 -0.04	29.84 -2.04 0.00	27.73 -1.68 0.00
ERIE_WT_PWR 323693	21.58 -2.00 -0.85	19.91 -1.75 -0.87	19.32 -1.83 -0.57	18.08 -1.72 -0.71	20.02 -1.86 -0.22	23.60 -2.00 -0.01	22.24 -1.95 -0.70	25.74 -2.22 -0.17	26.87 -1.84 0.00	25.03 -2.15 -0.34	24.12 -2.06 -0.45	24.06 -2.08 -0.10	24.31 -1.69 -0.02	23.94 -1.56 0.00	23.96 -1.66 0.00	25.35 -1.99 0.00	26.74 -2.26 -0.03	32.35 -3.27 -0.07	32.92 -3.62 -0.66	34.71 -3.54 -1.39	36.51 -3.79 -0.82	32.82 -2.73 -0.04	29.74 -2.14 0.00	27.58 -1.82 0.00
ESPRGFLD_115KV_TB1 80157	24.23 1.39 -0.11	22.12 1.23 -0.11	21.83 1.17 -0.08	20.28 1.09 -0.09	22.95 1.26 -0.03	27.13 1.54 0.00	24.95 1.36 -0.10	29.45 1.64 -0.02	30.37 1.67 0.00	28.30 1.42 -0.05	27.07 1.29 -0.06	27.21 1.15 -0.01	27.26 1.27 0.00	26.77 1.27 0.00	26.95 1.33 0.00	28.85 1.50 0.00	30.63 1.65 0.00	37.77 2.20 -0.01	38.28 2.30 -0.09	39.55 2.51 -0.18	42.19 2.61 -0.11	37.91 2.38 0.00	33.95 2.07 0.00	31.29 1.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.97 0.09 -1.15	22.03 0.06 -1.18	21.40 0.04 -0.77	20.09 0.04 -0.96	22.03 0.06 -0.30	25.78 0.18 -0.01	24.53 0.09 -0.95	28.19 0.17 -0.24	28.91 0.20 0.00	27.41 0.11 -0.47	26.41 0.08 -0.61	26.26 0.08 -0.13	26.09 0.08 -0.03	25.62 0.13 0.00	25.75 0.13 0.00	27.48 0.14 0.00	29.19 0.17 -0.04	35.90 0.25 -0.10	37.03 0.25 -0.89	39.04 0.29 -1.88	40.94 0.36 -1.11	35.89 0.32 -0.05	32.16 0.29 0.00	29.70 0.29 0.00
ETNA____115KV_TB2 80207	23.97 0.09 -1.15	22.03 0.06 -1.18	21.40 0.04 -0.77	20.09 0.04 -0.96	22.03 0.06 -0.30	25.78 0.18 -0.01	24.53 0.09 -0.95	28.19 0.17 -0.24	28.91 0.20 0.00	27.41 0.11 -0.47	26.41 0.08 -0.61	26.26 0.08 -0.13	26.09 0.08 -0.03	25.62 0.13 0.00	25.75 0.13 0.00	27.48 0.14 0.00	29.19 0.17 -0.04	35.90 0.25 -0.10	37.03 0.25 -0.89	39.04 0.29 -1.88	40.94 0.36 -1.11	35.89 0.32 -0.05	32.16 0.29 0.00	29.70 0.29 0.00
EUCLID__115KV_TB2 356179	22.76 -0.41 -0.44	20.86 -0.37 -0.45	20.48 -0.39 -0.29	19.10 -0.36 -0.37	21.39 -0.39 -0.11	25.14 -0.46 0.00	23.43 -0.42 -0.36	27.41 -0.47 -0.09	28.25 -0.46 0.00	26.55 -0.46 -0.18	25.55 -0.41 -0.23	25.68 -0.42 -0.05	25.58 -0.42 -0.01	25.11 -0.38 0.00	25.24 -0.38 0.00	26.90 -0.44 0.00	28.50 -0.49 -0.01	35.02 -0.57 -0.04	35.58 -0.65 -0.34	36.95 -0.63 -0.72	39.23 -0.67 -0.42	34.90 -0.64 -0.02	31.33 -0.54 0.00	28.90 -0.50 0.00
E_CANADA_CAP_HY 24051	32.09 1.86 -7.50	30.16 1.66 -7.72	27.23 1.61 -5.05	26.80 1.45 -6.26	25.30 1.69 -1.94	27.61 1.94 -0.07	31.44 1.76 -6.19	31.44 2.11 -1.54	30.78 2.07 0.00	31.63 1.74 -3.06	31.25 1.52 -4.01	28.22 1.33 -0.85	27.65 1.48 -0.19	27.00 1.50 0.00	27.21 1.59 0.00	29.17 1.83 0.00	31.28 2.06 -0.25	38.93 2.74 -0.65	44.61 2.91 -5.82	52.35 3.21 -12.29	50.12 3.40 -7.24	38.97 3.13 -0.32	34.52 2.64 0.00	31.82 2.41 0.00
E_CANADA_MHWK_HY 24050	22.42 -0.32 0.00	20.47 -0.31 0.00	20.25 -0.33 0.00	18.79 -0.31 0.00	21.36 -0.30 0.00	25.26 -0.33 0.00	23.14 -0.35 0.00	27.37 -0.42 0.00	28.25 -0.46 0.00	26.43 -0.40 0.00	25.36 -0.36 0.00	25.63 -0.42 0.00	25.51 -0.47 0.00	24.96 -0.54 0.00	25.06 -0.56 0.00	26.74 -0.60 0.00	28.31 -0.67 0.00	34.77 -0.78 0.00	35.10 -0.79 0.00	36.05 -0.81 0.00	38.61 -0.87 0.00	34.74 -0.78 0.00	31.14 -0.73 0.00	28.70 -0.71 0.00
E_FISHKILL__LBMP 23776	29.50 1.50 -5.27	27.53 1.33 -5.42	25.44 1.32 -3.55	24.73 1.24 -4.40	24.43 1.41 -1.36	27.33 1.69 -0.05	29.39 1.55 -4.34	30.73 1.86 -1.08	30.63 1.92 0.00	30.75 1.77 -2.14	30.26 1.72 -2.81	28.41 1.77 -0.59	27.91 1.79 -0.13	27.23 1.73 0.00	27.36 1.74 0.00	29.23 1.89 0.00	31.15 2.00 -0.18	38.39 2.38 -0.45	42.31 2.33 -4.08	47.85 2.36 -8.63	47.13 2.57 -5.09	38.06 2.31 -0.22	33.95 2.07 0.00	31.26 1.85 0.00
FALCON___SEABRD_CC1 323796	21.85 -0.89 0.00	0.14 -0.79 19.85	20.07 -0.51 0.00	18.58 -0.51 0.00	20.97 -0.69 0.00	0.19 -1.05 24.35	-7.09 -0.92 29.67	-7.12 -1.17 33.74	-7.06 -1.20 34.57	-7.07 -1.07 32.82	-7.09 -1.11 31.71	-7.12 -1.15 32.02	-7.12 -1.22 31.87	-7.11 -1.17 31.44	-7.14 -1.15 31.61	-7.12 -1.20 33.26	-7.12 -1.22 34.88	-6.93 -1.49 40.99	-6.86 -1.29 41.45	-7.10 -1.36 42.60	-7.11 -1.42 45.17	-7.10 -1.42 41.20	-7.13 -1.31 37.70	-7.13 -1.18 35.35

FPL FAR_ROCK_GT2 23815	30.22 2.30 -5.19	28.10 1.98 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.04 2.04 -1.34	28.02 2.38 -0.05	30.39 2.61 -4.29	31.71 2.86 -1.06	31.58 2.87 0.00	31.33 2.39 -2.11	30.65 2.16 -2.77	29.94 2.92 -0.97	29.48 2.93 -0.56	28.98 2.85 -0.63	29.25 2.87 -0.76	30.84 3.03 -0.46	32.72 3.22 -0.53	39.87 3.88 -0.44	43.07 3.16 -4.03	48.54 3.17 -8.51	47.89 3.40 -5.02	39.40 3.66 -0.22	35.09 3.22 0.00	32.11 2.70 0.00
FRANKLIN_FALL_HYD 24054	21.87 -0.86 0.00	34.14 -0.75 -14.10	20.05 -0.54 0.00	18.56 -0.53 0.00	20.95 -0.71 0.00	41.86 -1.02 -17.30	43.67 -0.89 -21.07	50.61 -1.14 -23.96	52.08 -1.18 -24.55	49.10 -1.05 -23.31	47.13 -1.11 -22.52	47.61 -1.17 -22.74	47.42 -1.20 -22.64	46.65 -1.17 -22.32	46.94 -1.13 -22.45	49.79 -1.18 -23.62	52.58 -1.16 -24.77	63.38 -1.28 -29.10	64.29 -1.04 -29.44	66.01 -1.11 -30.26	70.42 -1.14 -32.08	63.65 -1.14 -29.27	57.48 -1.18 -26.78	53.40 -1.12 -25.11
FREEPORT_EQUS_GT1 23764	30.09 2.16 -5.19	27.97 1.85 -5.34	25.86 1.79 -3.49	25.09 1.66 -4.33	24.91 1.91 -1.34	27.87 2.23 -0.05	30.27 2.49 -4.29	31.55 2.69 -1.06	31.44 2.73 0.00	31.17 2.23 -2.11	30.47 1.98 -2.77	29.63 2.71 -0.87	29.16 2.73 -0.45	28.61 2.65 -0.47	28.85 2.66 -0.56	30.56 2.87 -0.34	32.43 3.01 -0.44	39.62 3.63 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.58 3.08 -5.02	39.15 3.41 -0.22	34.81 2.93 0.00	31.87 2.47 0.00
FREEPORT___CT2 23818	30.09 2.16 -5.19	27.97 1.85 -5.34	25.86 1.79 -3.49	25.09 1.66 -4.33	24.91 1.91 -1.34	27.87 2.23 -0.05	30.27 2.49 -4.29	31.55 2.69 -1.06	31.44 2.73 0.00	31.17 2.23 -2.11	30.47 1.98 -2.77	29.63 2.71 -0.87	29.16 2.73 -0.45	28.61 2.65 -0.47	28.85 2.66 -0.56	30.56 2.87 -0.34	32.43 3.01 -0.44	39.62 3.63 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.58 3.08 -5.02	39.15 3.41 -0.22	34.81 2.93 0.00	31.87 2.47 0.00
FRESHKLS_33_KV_LOAD 356253	40.29 2.11 -15.44	28.03 1.89 -5.36	25.96 1.87 -3.51	25.17 1.74 -4.34	25.01 1.99 -1.35	28.03 2.38 -0.06	30.08 2.30 -4.29	40.32 2.72 -9.81	40.33 2.87 -8.75	40.61 2.60 -11.17	40.99 2.29 -12.97	41.44 2.24 -13.15	42.22 2.26 -13.98	42.25 2.22 -14.53	42.22 2.23 -14.37	43.50 2.52 -13.65	43.51 2.67 -11.87	44.23 3.24 -5.45	49.96 3.41 -10.66	50.86 3.43 -10.57	51.87 3.71 -8.68	43.81 3.41 -4.88	41.48 3.06 -6.55	40.84 2.73 -8.70
FULTON COGEN____ 23766	22.67 -0.48 -0.41	20.77 -0.44 -0.42	20.40 -0.45 -0.28	19.02 -0.42 -0.34	21.29 -0.48 -0.11	25.06 -0.54 0.00	23.34 -0.49 -0.34	27.32 -0.56 -0.08	28.13 -0.57 0.00	26.46 -0.54 -0.17	25.43 -0.51 -0.22	25.60 -0.49 -0.05	25.47 -0.52 -0.01	25.01 -0.48 0.00	25.13 -0.49 0.00	26.82 -0.52 0.00	28.41 -0.58 -0.01	34.91 -0.68 -0.04	35.49 -0.72 -0.32	36.79 -0.74 -0.67	39.09 -0.79 -0.40	34.83 -0.71 -0.02	31.24 -0.64 0.00	28.82 -0.59 0.00
FULTON___LFGE 323630	31.64 1.77 -7.13	29.70 1.58 -7.34	26.90 1.52 -4.80	26.44 1.39 -5.95	25.11 1.60 -1.85	27.56 1.89 -0.07	31.11 1.74 -5.88	31.31 2.06 -1.46	30.75 2.04 0.00	31.51 1.77 -2.91	31.08 1.54 -3.81	28.23 1.38 -0.81	27.64 1.48 -0.18	27.00 1.50 0.00	27.18 1.56 0.00	29.15 1.80 0.00	31.27 2.06 -0.24	38.87 2.70 -0.61	44.25 2.83 -5.53	51.64 3.10 -11.68	49.64 3.27 -6.89	38.81 2.98 -0.30	34.43 2.55 0.00	31.73 2.32 0.00
G.F.CEMENT___DRP 24184	30.66 1.43 -6.50	28.76 1.29 -6.69	26.21 1.26 -4.37	25.65 1.13 -5.42	24.75 1.41 -1.68	27.37 1.71 -0.06	30.42 1.57 -5.36	30.98 1.86 -1.33	30.66 1.95 0.00	31.38 1.91 -2.64	30.97 1.77 -3.47	28.45 1.67 -0.73	27.78 1.64 -0.17	27.15 1.66 0.00	27.29 1.67 0.00	29.26 1.91 0.00	31.34 2.14 -0.22	38.56 2.45 -0.56	43.37 2.44 -5.04	50.09 2.58 -10.65	48.48 2.72 -6.28	38.18 2.38 -0.28	33.92 2.04 0.00	31.26 1.85 0.00
GARDENVILLE___LBMP 24039	21.58 -2.00 -0.84	19.91 -1.75 -0.87	19.32 -1.83 -0.57	18.08 -1.72 -0.70	20.02 -1.86 -0.22	23.58 -2.02 -0.01	22.24 -1.95 -0.70	25.74 -2.22 -0.17	26.81 -1.89 0.00	25.03 -2.15 -0.34	24.12 -2.06 -0.45	24.06 -2.08 -0.10	24.18 -1.82 -0.02	23.97 -1.53 0.00	23.93 -1.69 0.00	25.29 -2.05 0.00	26.68 -2.32 -0.03	32.39 -3.24 -0.07	32.88 -3.66 -0.65	34.70 -3.54 -1.38	36.46 -3.83 -0.81	32.36 -3.20 -0.04	29.64 -2.23 0.00	27.52 -1.88 0.00
GARDNVLA_35_KV_LD 355827	21.63 -1.96 -0.85	19.95 -1.70 -0.87	19.36 -1.79 -0.57	18.12 -1.68 -0.71	20.06 -1.82 -0.22	23.65 -1.94 -0.01	22.29 -1.90 -0.70	25.79 -2.17 -0.17	26.93 -1.78 0.00	25.11 -2.07 -0.34	24.20 -1.98 -0.45	24.14 -2.01 -0.10	24.29 -1.71 -0.02	24.07 -1.43 0.00	24.01 -1.61 0.00	25.40 -1.94 0.00	26.77 -2.23 -0.03	32.46 -3.16 -0.07	32.96 -3.59 -0.66	34.78 -3.46 -1.39	36.55 -3.75 -0.82	32.47 -3.09 -0.04	29.74 -2.14 0.00	27.61 -1.79 0.00
GELCKHM___115KV_LOAD 80723	22.86 -0.34 -0.47	20.95 -0.31 -0.48	20.57 -0.33 -0.32	19.18 -0.31 -0.39	21.44 -0.35 -0.12	25.21 -0.38 0.00	23.53 -0.35 -0.39	27.50 -0.39 -0.10	28.31 -0.40 0.00	26.65 -0.38 -0.19	25.64 -0.33 -0.25	25.76 -0.34 -0.05	25.65 -0.34 -0.01	25.19 -0.31 0.00	25.31 -0.31 0.00	26.99 -0.36 0.00	28.58 -0.41 -0.02	35.13 -0.46 -0.04	35.75 -0.50 -0.36	37.11 -0.52 -0.77	39.38 -0.55 -0.45	35.05 -0.50 -0.02	31.43 -0.45 0.00	28.99 -0.41 0.00
GENERAL___MILLS 23808	21.60 -1.98 -0.85	19.91 -1.75 -0.87	19.34 -1.81 -0.57	18.10 -1.70 -0.71	20.04 -1.84 -0.22	23.60 -2.00 -0.01	22.26 -1.93 -0.70	25.77 -2.20 -0.17	26.87 -1.84 0.00	25.06 -2.12 -0.34	24.14 -2.03 -0.45	24.09 -2.06 -0.10	24.24 -1.77 -0.02	24.02 -1.48 0.00	23.96 -1.67 0.00	25.35 -2.00 0.00	26.74 -2.26 -0.03	32.39 -3.24 -0.07	32.92 -3.62 -0.66	34.71 -3.54 -1.39	36.47 -3.83 -0.82	32.40 -3.16 -0.04	29.68 -2.20 0.00	27.55 -1.85 0.00
GE_PLASTICS___DRP 24183	29.73 0.73 -6.27	27.93 0.69 -6.46	25.46 0.66 -4.22	24.94 0.61 -5.24	24.00 0.71 -1.62	26.52 0.87 -0.06	29.44 0.78 -5.17	29.96 0.89 -1.28	29.68 0.98 0.00	30.27 0.89 -2.55	29.92 0.85 -3.35	27.62 0.86 -0.71	27.02 0.88 -0.16	26.34 0.84 0.00	26.47 0.85 0.00	28.27 0.93 0.00	30.17 0.99 -0.21	37.23 1.14 -0.54	41.86 1.11 -4.86	48.28 1.14 -10.28	46.73 1.18 -6.06	36.93 1.14 -0.27	32.93 1.05 0.00	30.34 0.94 0.00
GILBOA___1 23756	28.45 0.75 -4.97	26.58 0.68 -5.12	24.59 0.66 -3.35	23.85 0.61 -4.15	23.66 0.71 -1.29	26.51 0.87 -0.05	28.37 0.77 -4.10	29.75 0.95 -1.02	29.68 0.98 0.00	29.74 0.88 -2.02	29.25 0.88 -2.65	27.50 0.89 -0.56	27.02 0.91 -0.13	26.39 0.89 0.00	26.49 0.87 0.00	28.30 0.96 0.00	30.13 0.99 -0.17	37.15 1.17 -0.43	40.89 1.15 -3.86	46.19 1.18 -8.15	45.55 1.26 -4.80	36.90 1.17 -0.21	32.93 1.05 0.00	30.34 0.94 0.00
GILBOA___2 23757	28.45 0.75 -4.97	26.58 0.68 -5.12	24.59 0.66 -3.35	23.85 0.61 -4.15	23.66 0.71 -1.29	26.51 0.87 -0.05	28.37 0.77 -4.10	29.75 0.95 -1.02	29.68 0.98 0.00	29.74 0.88 -2.02	29.25 0.88 -2.65	27.50 0.89 -0.56	27.02 0.91 -0.13	26.39 0.89 0.00	26.49 0.87 0.00	28.30 0.96 0.00	30.13 0.99 -0.17	37.15 1.17 -0.43	40.89 1.15 -3.86	46.19 1.18 -8.15	45.55 1.26 -4.80	36.90 1.17 -0.21	32.93 1.05 0.00	30.34 0.94 0.00

GILBOA___3 23758	28.45 0.75 -4.97	26.58 0.68 -5.12	24.59 0.66 -3.35	23.85 0.61 -4.15	23.66 0.71 -1.29	26.51 0.87 -0.05	28.37 0.77 -4.10	29.75 0.95 -1.02	29.68 0.98 0.00	29.74 0.88 -2.02	29.25 0.88 -2.65	27.50 0.89 -0.56	27.02 0.91 -0.13	26.39 0.89 0.00	26.49 0.87 0.00	28.30 0.96 0.00	30.13 0.99 -0.17	37.15 1.17 -0.43	40.89 1.15 -3.86	46.19 1.18 -8.15	45.55 1.26 -4.80	36.90 1.17 -0.21	32.93 1.05 0.00	30.34 0.94 0.00
GILBOA___4 23759	28.45 0.75 -4.97	26.58 0.68 -5.12	24.59 0.66 -3.35	23.85 0.61 -4.15	23.66 0.71 -1.29	26.51 0.87 -0.05	28.37 0.77 -4.10	29.75 0.95 -1.02	29.68 0.98 0.00	29.74 0.88 -2.02	29.25 0.88 -2.65	27.50 0.89 -0.56	27.02 0.91 -0.13	26.39 0.89 0.00	26.49 0.87 0.00	28.30 0.96 0.00	30.13 0.99 -0.17	37.15 1.17 -0.43	40.89 1.15 -3.86	46.19 1.18 -8.15	45.55 1.26 -4.80	36.90 1.17 -0.21	32.93 1.05 0.00	30.34 0.94 0.00
GILBOA___ 23599	28.45 0.75 -4.97	26.58 0.69 -5.12	24.59 0.66 -3.35	23.85 0.61 -4.15	23.66 0.71 -1.29	26.51 0.87 -0.05	28.37 0.78 -4.10	29.75 0.94 -1.02	29.68 0.98 0.00	29.74 0.89 -2.02	29.25 0.87 -2.65	27.50 0.89 -0.56	27.02 0.91 -0.13	26.39 0.89 0.00	26.49 0.87 0.00	28.30 0.96 0.00	30.13 0.99 -0.17	37.15 1.17 -0.43	40.89 1.15 -3.86	46.19 1.18 -8.15	45.55 1.26 -4.80	36.91 1.17 -0.21	32.93 1.05 0.00	30.37 0.97 0.00
GINNA___ 23603	21.61 -1.73 -0.61	19.81 -1.60 -0.62	19.34 -1.65 -0.41	18.07 -1.53 -0.51	20.15 -1.67 -0.16	23.55 -2.05 -0.01	22.18 -1.81 -0.50	25.83 -2.08 -0.12	26.52 -2.18 0.00	25.07 -2.01 -0.25	24.22 -1.83 -0.32	24.29 -1.82 -0.07	24.12 -1.87 -0.02	23.69 -1.81 0.00	23.80 -1.82 0.00	25.29 -2.05 0.00	26.76 -2.23 -0.02	32.97 -2.63 -0.05	33.52 -2.84 -0.47	34.98 -2.87 -0.99	37.03 -3.04 -0.59	32.74 -2.81 -0.03	29.42 -2.45 0.00	27.14 -2.26 0.00
GLEN PARK___ 23778	22.78 -0.23 -0.28	21.66 -0.25 -1.12	20.46 -0.31 -0.19	19.06 -0.27 -0.23	21.45 -0.28 -0.07	26.37 -0.26 -1.03	24.62 -0.35 -1.48	28.83 -0.45 -1.48	29.59 -0.57 -1.46	27.77 -0.56 -1.50	26.65 -0.57 -1.49	26.70 -0.73 -1.38	26.63 -0.70 -1.35	26.08 -0.74 -1.33	26.29 -0.67 -1.34	28.15 -0.60 -1.41	29.91 -0.55 -1.48	36.95 -0.36 -1.76	37.78 -0.07 -1.97	39.19 0.07 -2.26	41.70 0.04 -2.18	37.24 -0.04 -1.75	33.41 -0.06 -1.59	30.69 -0.20 -1.49
GLENDALE_27_KV_LOAD 356172	30.07 2.14 -5.20	28.02 1.89 -5.35	25.93 1.85 -3.50	25.19 1.76 -4.34	25.01 1.99 -1.35	28.03 2.38 -0.06	30.01 2.23 -4.29	31.53 2.67 -1.07	31.49 2.78 0.00	31.53 2.58 -2.12	31.02 2.44 -2.85	32.67 2.47 -4.15	32.53 2.49 -4.06	33.66 2.42 -5.74	34.96 2.43 -6.90	34.27 2.68 -4.25	35.33 2.87 -3.49	39.54 3.45 -0.54	43.37 3.45 -4.03	48.87 3.50 -8.51	48.25 3.75 -5.02	39.09 3.34 -0.23	34.88 3.00 -0.01	32.09 2.68 -0.01
GLENWOOD_IC_1_G5 23712	29.92 2.00 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.82 2.18 -0.05	30.04 2.26 -4.30	31.41 2.56 -1.06	31.32 2.61 0.00	31.20 2.25 -2.11	30.78 2.29 -2.77	29.59 2.53 -1.01	29.13 2.55 -0.61	28.67 2.47 -0.70	28.95 2.49 -0.84	30.53 2.68 -0.51	32.36 2.81 -0.57	39.37 3.38 -0.44	42.89 2.98 -4.03	48.20 2.84 -8.51	47.65 3.16 -5.02	38.94 3.20 -0.22	34.68 2.81 0.00	31.87 2.47 0.00
GLENWOOD_IC_2_G1 23688	29.83 1.91 -5.19	27.79 1.66 -5.34	25.70 1.63 -3.49	24.96 1.53 -4.33	24.76 1.75 -1.34	27.72 2.07 -0.05	29.86 2.09 -4.28	31.24 2.39 -1.06	31.18 2.47 0.00	31.12 2.17 -2.11	30.52 2.03 -2.77	28.80 2.35 -0.41	28.28 2.36 0.07	27.53 2.32 0.29	27.58 2.31 0.35	29.64 2.51 0.21	31.62 2.64 -0.01	39.19 3.20 -0.44	42.79 2.87 -4.03	48.24 2.88 -8.51	47.58 3.08 -5.02	38.73 2.98 -0.22	34.52 2.64 0.00	31.70 2.29 0.00
GLENWOOD_IC_3_G1 23689	29.83 1.91 -5.19	27.79 1.66 -5.34	25.70 1.63 -3.49	24.96 1.53 -4.33	24.76 1.75 -1.34	27.72 2.07 -0.05	29.86 2.09 -4.28	31.24 2.39 -1.06	31.18 2.47 0.00	31.12 2.17 -2.11	30.52 2.03 -2.77	28.80 2.35 -0.41	28.28 2.36 0.07	27.53 2.32 0.29	27.58 2.31 0.35	29.64 2.51 0.21	31.62 2.64 -0.01	39.19 3.20 -0.44	42.79 2.87 -4.03	48.24 2.88 -8.51	47.58 3.08 -5.02	38.73 2.98 -0.22	34.52 2.64 0.00	31.70 2.29 0.00
GLENWOOD___4 23550	29.92 2.00 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.82 2.18 -0.05	30.04 2.26 -4.30	31.41 2.56 -1.06	31.32 2.61 0.00	31.20 2.25 -2.11	30.78 2.29 -2.77	29.59 2.53 -1.01	29.13 2.55 -0.61	28.67 2.47 -0.70	28.95 2.49 -0.84	30.53 2.68 -0.51	32.36 2.81 -0.57	39.37 3.38 -0.44	42.89 2.98 -4.03	48.24 2.87 -8.51	47.69 3.20 -5.02	38.94 3.20 -0.22	34.68 2.81 0.00	31.87 2.47 0.00
GLENWOOD___5 23614	29.92 2.00 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.82 2.18 -0.05	30.04 2.26 -4.30	31.41 2.56 -1.06	31.32 2.61 0.00	31.20 2.25 -2.11	30.78 2.29 -2.77	29.59 2.53 -1.01	29.13 2.55 -0.61	28.67 2.47 -0.70	28.95 2.49 -0.84	30.53 2.68 -0.51	32.36 2.81 -0.57	39.37 3.38 -0.44	42.89 2.98 -4.03	48.24 2.87 -8.51	47.69 3.20 -5.02	38.94 3.20 -0.22	34.68 2.81 0.00	31.87 2.47 0.00
GLOBAL GREEN_PORT_GT1 23814	30.13 2.20 -5.19	27.97 1.85 -5.34	25.89 1.81 -3.49	25.09 1.66 -4.33	24.96 1.95 -1.34	27.84 2.20 -0.05	30.25 2.47 -4.29	31.55 2.69 -1.06	31.49 2.78 0.00	30.77 1.83 -2.11	29.49 1.00 -2.77	28.57 1.77 -0.75	28.03 1.74 -0.31	27.47 1.71 -0.26	27.68 1.74 -0.32	30.13 2.60 -0.19	32.11 2.81 -0.32	39.66 3.66 -0.44	42.64 2.73 -4.03	48.05 2.69 -8.51	47.26 2.76 -5.02	39.15 3.41 -0.22	34.52 2.64 0.00	31.61 2.21 0.00
GLOBE___DSASP 323697	21.29 -2.23 -0.78	19.74 -1.85 -0.80	19.19 -1.91 -0.53	17.95 -1.79 -0.65	19.89 -1.97 -0.20	23.04 -2.56 -0.01	21.93 -2.21 -0.64	25.39 -2.56 -0.16	26.21 -2.50 0.00	24.65 -2.50 -0.32	23.80 -2.34 -0.42	23.77 -2.37 -0.09	23.66 -2.34 -0.02	23.43 -2.07 0.00	23.39 -2.23 0.00	24.66 -2.68 0.00	26.02 -2.98 -0.03	31.78 -3.84 -0.07	32.22 -4.27 -0.61	33.90 -4.24 -1.28	35.57 -4.66 -0.75	31.47 -4.09 -0.03	28.75 -3.12 0.00	26.70 -2.71 0.00
GOETHSLN___LBMP 323567	29.86 1.93 -5.19	27.83 1.70 -5.34	25.74 1.67 -3.49	25.01 1.58 -4.33	24.80 1.80 -1.34	27.79 2.15 -0.05	29.77 2.00 -4.28	31.27 2.42 -1.06	31.23 2.53 0.00	31.25 2.31 -2.11	30.83 2.26 -2.84	31.90 2.34 -3.51	31.70 2.36 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.34 2.52 -3.49	34.51 2.64 -2.90	39.20 3.13 -0.52	42.93 3.01 -4.02	48.39 3.02 -8.51	47.77 3.28 -5.01	38.66 2.91 -0.22	34.52 2.65 0.00	31.76 2.35 0.00
GOLAH___69_KV_TB 1_2 80279	22.30 -1.07 -0.64	20.46 -0.98 -0.65	20.00 -1.01 -0.43	18.67 -0.95 -0.53	20.83 -1.00 -0.16	24.34 -1.25 -0.01	22.96 -1.06 -0.52	26.67 -1.25 -0.13	27.42 -1.29 0.00	25.86 -1.23 -0.26	24.93 -1.13 -0.34	24.97 -1.15 -0.07	24.78 -1.22 -0.02	24.45 -1.05 0.00	24.47 -1.15 0.00	25.98 -1.37 0.00	27.43 -1.56 -0.02	33.72 -1.88 -0.05	34.30 -2.08 -0.49	35.91 -1.99 -1.04	37.96 -2.13 -0.61	33.60 -1.95 -0.03	30.31 -1.56 0.00	28.11 -1.29 0.00

GOODYEAR_LAKE_HYD 323669	25.34 0.98 -1.63	23.31 0.85 -1.68	22.50 0.82 -1.10	21.22 0.76 -1.36	22.97 0.89 -0.42	26.73 1.13 -0.02	25.83 0.99 -1.35	29.32 1.19 -0.33	29.97 1.26 0.00	28.62 1.13 -0.66	27.65 1.05 -0.87	27.22 0.99 -0.18	27.09 1.07 -0.04	26.57 1.07 0.00	26.70 1.08 0.00	28.55 1.20 0.00	30.30 1.27 -0.06	37.33 1.64 -0.14	38.81 1.65 -1.27	41.26 1.73 -2.67	42.87 1.82 -1.58	37.26 1.67 -0.07	33.34 1.47 0.00	30.73 1.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.20 -0.18 -1.65	22.30 -0.19 -1.70	21.49 -0.21 -1.11	20.28 -0.19 -1.38	21.90 -0.19 -0.43	25.53 -0.08 -0.02	24.69 -0.16 -1.36	27.96 -0.17 -0.34	28.65 -0.06 0.00	27.29 -0.21 -0.67	26.40 -0.21 -0.88	26.03 -0.21 -0.19	25.92 -0.10 -0.04	25.47 -0.03 0.00	25.54 -0.08 0.00	27.23 -0.11 0.00	28.86 -0.17 -0.06	35.41 -0.28 -0.14	36.81 -0.36 -1.28	39.23 -0.33 -2.71	40.72 -0.36 -1.60	35.34 -0.25 -0.07	31.78 -0.10 0.00	29.40 0.00 0.00
GOUDEY___7 23579	24.20 -0.18 -1.65	22.30 -0.19 -1.70	21.49 -0.21 -1.11	20.28 -0.19 -1.38	21.90 -0.19 -0.43	25.53 -0.08 -0.02	24.69 -0.16 -1.36	27.96 -0.17 -0.34	28.65 -0.06 0.00	27.29 -0.21 -0.67	26.40 -0.21 -0.88	26.03 -0.21 -0.19	25.92 -0.10 -0.04	25.47 -0.03 0.00	25.54 -0.08 0.00	27.23 -0.11 0.00	28.86 -0.17 -0.06	35.41 -0.28 -0.14	36.81 -0.36 -1.28	39.23 -0.33 -2.71	40.72 -0.36 -1.60	35.34 -0.25 -0.07	31.78 -0.10 0.00	29.40 0.00 0.00
GOUDEY___8 23580	24.20 -0.18 -1.65	22.30 -0.19 -1.70	21.49 -0.21 -1.11	20.28 -0.19 -1.38	21.90 -0.19 -0.43	25.53 -0.08 -0.02	24.69 -0.16 -1.36	27.96 -0.17 -0.34	28.65 -0.06 0.00	27.29 -0.21 -0.67	26.40 -0.21 -0.88	26.03 -0.21 -0.19	25.92 -0.10 -0.04	25.47 -0.03 0.00	25.54 -0.08 0.00	27.23 -0.11 0.00	28.86 -0.17 -0.06	35.41 -0.28 -0.14	36.81 -0.36 -1.28	39.23 -0.33 -2.71	40.72 -0.36 -1.60	35.34 -0.25 -0.07	31.78 -0.10 0.00	29.40 0.00 0.00
GOWANUS_GT1_1 24077	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT1_2 24078	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT1_3 24079	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT1_4 24080	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT1_5 24084	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT1_6 24111	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT1_7 24112	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT1_8 24113	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT2_1 24114	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT2_2 24115	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT2_3 24116	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70

GOWANUS_GT2_4 24117	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT2_5 24118	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT2_6 24119	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT2_7 24120	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT2_8 24121	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT3_1 24122	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.22 2.52 -12.97	41.95 2.48 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.59 3.59 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
GOWANUS_GT3_2 24123	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.22 2.52 -12.97	41.95 2.48 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.59 3.59 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2

GOWANUS_GT4_3 24132	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT4_4 24133	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT4_5 24134	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT4_6 24135	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT4_7 24136	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GOWANUS_GT4_8 24137	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GREENBSH_115KV_TB3 55895	29.76 0.73 -6.30	27.95 0.69 -6.48	25.48 0.66 -4.24	24.96 0.61 -5.26	24.01 0.71 -1.63	26.52 0.87 -0.06	29.46 0.78 -5.19	29.97 0.89 -1.29	29.68 0.98 0.00	30.28 0.89 -2.56	29.93 0.85 -3.36	27.64 0.89 -0.71	27.02 0.88 -0.16	26.34 0.84 0.00	26.47 0.85 0.00	28.27 0.93 0.00	30.14 0.96 -0.21	37.20 1.10 -0.54	41.86 1.08 -4.89	48.29 1.11 -10.33	46.71 1.14 -6.09	36.86 1.07 -0.27	32.90 1.02 0.00	30.34 0.94 0.00
GREENDGE_115KV_TB5 80291	23.18 -0.57 -1.01	21.29 -0.54 -1.04	20.69 -0.58 -0.68	19.39 -0.55 -0.85	21.34 -0.58 -0.26	25.06 -0.54 -0.01	23.76 -0.56 -0.84	27.41 -0.58 -0.21	28.16 -0.55 0.00	26.57 -0.67 -0.41	25.62 -0.64 -0.54	25.51 -0.65 -0.11	25.41 -0.60 -0.03	25.01 -0.48 0.00	25.11 -0.51 0.00	26.74 -0.60 0.00	28.34 -0.67 -0.03	34.82 -0.82 -0.09	35.81 -0.86 -0.79	37.71 -0.81 -1.66	39.63 -0.83 -0.98	34.86 -0.71 -0.04	31.37 -0.51 0.00	28.99 -0.41 0.00
GREENIDGE___3 23582	23.18 -0.57 -1.01	21.29 -0.54 -1.04	20.69 -0.58 -0.68	19.39 -0.55 -0.85	21.34 -0.58 -0.26	25.06 -0.54 -0.01	23.76 -0.56 -0.84	27.41 -0.58 -0.21	28.16 -0.55 0.00	26.57 -0.67 -0.41	25.62 -0.64 -0.54	25.51 -0.65 -0.11	25.41 -0.60 -0.03	25.01 -0.48 0.00	25.11 -0.51 0.00	26.74 -0.60 0.00	28.34 -0.67 -0.03	34.82 -0.82 -0.09	35.81 -0.86 -0.79	37.71 -0.81 -1.66	39.63 -0.83 -0.98	34.86 -0.71 -0.04	31.37 -0.51 0.00	28.99 -0.41 0.00
GREENIDGE___4 23583	23.18 -0.57 -1.01	21.29 -0.54 -1.04	20.69 -0.58 -0.68	19.39 -0.55 -0.85	21.34 -0.58 -0.26	25.06 -0.54 -0.01	23.76 -0.56 -0.84	27.41 -0.58 -0.21	28.16 -0.55 0.00	26.58 -0.67 -0.41	25.62 -0.64 -0.54	25.51 -0.65 -0.11	25.46 -0.55 -0.03	24.99 -0.51 0.00	25.11 -0.51 0.00	26.74 -0.60 0.00	28.34 -0.67 -0.03	34.82 -0.82 -0.09	35.81 -0.86 -0.79	37.71 -0.81 -1.66	39.63 -0.83 -0.98	35.00 -0.83 -0.04	31.36 -0.51 0.00	28.99 -0.41 0.00
GREENLWN_69_KV_BK 3 55738	30.04 2.11 -5.19	27.97 1.85 -5.34	25.87 1.79 -3.49	25.09 1.66 -4.33	24.91 1.91 -1.34	27.87 2.23 -0.05	30.32 2.54 -4.29	31.60 2.75 -1.06	31.43 2.73 0.00	31.15 2.20 -2.11	30.80 2.32 -2.77	29.54 2.74 -0.75	29.03 2.73 -0.32	28.42 2.65 -0.28	28.62 2.66 -0.33	30.44 2.90 -0.20	32.35 3.04 -0.33	39.58 3.59 -0.44	42.61 2.69 -4.03	48.02 2.65 -8.51	47.50 3.00 -5.02	39.15 3.41 -0.22	34.87 3.00 0.00	31.96 2.56 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70
GRISSOM___SOLAR 323813	31.44 1.66 -7.05	29.52 1.48 -7.26	26.77 1.44 -4.75	26.28 1.30 -5.89	25.01 1.52 -1.83	27.45 1.79 -0.07	30.96 1.64 -5.82	31.15 1.92 -1.45	30.63 1.92 0.00	31.40 1.69 -2.87	30.98 1.49 -3.77	28.20 1.35 -0.80	27.59 1.43 -0.18	26.95 1.45 0.00	27.13 1.51 0.00	29.07 1.72 0.00	31.18 1.97 -0.24	38.72 2.56 -0.61	44.02 2.66 -5.47	51.33 2.91 -11.56	49.37 3.08 -6.81	38.63 2.81 -0.30	34.23 2.36 0.00	31.58 2.18 0.00
GROVEVILLE___HYD 323602	29.52 1.61 -5.17	27.52 1.41 -5.32	25.46 1.40 -3.48	24.73 1.32 -4.32	24.52 1.52 -1.34	27.46 1.82 -0.05	29.43 1.67 -4.27	30.82 1.97 -1.06	30.77 2.07 0.00	30.84 1.91 -2.11	30.31 1.83 -2.76	28.46 1.82 -0.58	27.93 1.82 -0.13	27.33 1.84 0.00	27.47 1.84 0.00	29.37 2.02 0.00	31.35 2.20 -0.17	38.66 2.67 -0.45	42.52 2.62 -4.01	48.03 2.69 -8.48	47.36 2.88 -5.00	38.30 2.56 -0.22	34.14 2.26 0.00	31.46 2.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.05 -0.20 -0.52	21.12 -0.21 -0.54	20.71 -0.23 -0.35	19.34 -0.19 -0.44	21.58 -0.22 -0.14	25.37 -0.23 -0.01	23.71 -0.21 -0.43	27.67 -0.22 -0.11	28.48 -0.23 0.00	26.83 -0.21 -0.21	25.80 -0.21 -0.28	25.93 -0.18 -0.06	25.81 -0.18 -0.01	25.34 -0.15 0.00	25.47 -0.15 0.00	27.15 -0.19 0.00	28.79 -0.20 -0.02	35.35 -0.25 -0.05	36.01 -0.29 -0.41	37.42 -0.29 -0.86	39.67 -0.32 -0.51	35.26 -0.28 -0.02	31.62 -0.26 0.00	29.17 -0.24 0.00

HAMLTNNY_34_KV_TB 80303	23.07 -0.23 -0.56	21.15 -0.21 -0.58	20.71 -0.25 -0.38	19.35 -0.21 -0.47	21.57 -0.24 -0.15	25.37 -0.23 -0.01	23.72 -0.23 -0.46	27.68 -0.22 -0.11	28.48 -0.23 0.00	26.82 -0.24 -0.23	25.82 -0.21 -0.30	25.93 -0.18 -0.06	25.79 -0.21 -0.01	25.34 -0.15 0.00	25.47 -0.15 0.00	27.15 -0.19 0.00	28.76 -0.23 -0.02	35.35 -0.25 -0.05	36.00 -0.32 -0.44	37.48 -0.29 -0.92	39.71 -0.32 -0.54	35.26 -0.28 -0.02	31.62 -0.26 0.00	29.17 -0.24 0.00
HAMPSHIRE___PAPER_HYD 323593	22.22 -0.66 -0.14	22.56 -0.60 -2.38	20.08 -0.60 -0.09	18.66 -0.55 -0.12	21.07 -0.63 -0.04	27.57 -0.77 -2.74	26.20 -0.75 -3.46	30.67 -0.94 -3.83	31.57 -1.03 -3.89	29.62 -0.96 -3.75	28.39 -0.98 -3.65	28.60 -1.07 -3.62	28.48 -1.09 -3.59	27.97 -1.07 -3.54	28.15 -1.03 -3.56	30.05 -1.04 -3.74	31.89 -1.01 -3.93	39.11 -1.07 -4.63	39.80 -0.86 -4.78	41.04 -0.85 -5.03	43.75 -0.95 -5.22	39.25 -0.92 -4.65	35.29 -0.83 -4.25	32.53 -0.85 -3.98
HARDSCRABBLE_WT_PWR 323673	22.46 -0.27 0.00	20.51 -0.27 0.00	20.29 -0.29 0.00	18.83 -0.27 0.00	21.38 -0.28 0.00	25.31 -0.28 0.00	23.21 -0.28 0.00	27.43 -0.36 0.00	28.33 -0.37 0.00	26.48 -0.35 0.00	25.42 -0.31 0.00	25.68 -0.36 0.00	25.56 -0.42 0.00	25.01 -0.49 0.00	25.11 -0.51 0.00	26.80 -0.55 0.00	28.36 -0.61 0.00	34.84 -0.71 0.00	35.17 -0.72 0.00	36.12 -0.74 0.00	38.69 -0.79 0.00	34.77 -0.75 0.00	31.20 -0.67 0.00	28.73 -0.68 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.98 1.43 -4.81	27.00 1.27 -4.95	25.06 1.23 -3.24	24.30 1.18 -4.02	24.25 1.34 -1.25	27.25 1.61 -0.05	28.96 1.50 -3.97	30.58 1.81 -0.99	30.57 1.87 0.00	30.51 1.72 -1.96	29.94 1.65 -2.57	28.26 1.67 -0.54	27.77 1.66 -0.12	27.15 1.66 0.00	27.29 1.67 0.00	29.17 1.83 0.00	31.14 2.00 -0.16	38.35 2.38 -0.41	41.95 2.33 -3.73	47.14 2.40 -7.89	46.70 2.57 -4.65	38.00 2.27 -0.20	33.92 2.04 0.00	31.23 1.82 0.00
HARSNRAD_115KV_TB1 81005	21.48 -2.02 -0.77	19.81 -1.77 -0.79	19.25 -1.85 -0.52	18.00 -1.74 -0.64	19.98 -1.88 -0.20	23.35 -2.25 -0.01	22.15 -1.97 -0.63	25.67 -2.28 -0.16	26.55 -2.15 0.00	24.92 -2.23 -0.31	24.05 -2.08 -0.41	24.00 -2.14 -0.09	23.95 -2.05 -0.02	23.74 -1.76 0.00	23.67 -1.95 0.00	25.02 -2.32 0.00	26.39 -2.61 -0.03	32.20 -3.41 -0.07	32.65 -3.84 -0.60	34.32 -3.80 -1.26	36.12 -4.11 -0.74	32.00 -3.55 -0.03	29.20 -2.68 0.00	27.11 -2.29 0.00
HARZA MOOSE___RIVER 24016	22.92 0.00 -0.18	21.56 -0.04 -0.82	20.64 -0.06 -0.12	19.21 -0.04 -0.15	21.67 -0.04 -0.05	26.37 0.00 -0.78	24.52 -0.07 -1.10	28.82 -0.08 -1.12	29.70 -0.11 -1.11	27.85 -0.11 -1.12	26.71 -0.13 -1.11	26.89 -0.21 -1.04	26.82 -0.18 -1.02	26.27 -0.23 -1.01	26.45 -0.18 -1.01	28.27 -0.14 -1.06	30.01 -0.09 -1.12	36.91 0.04 -1.33	37.50 0.14 -1.47	38.70 0.18 -1.66	41.26 0.16 -1.62	36.99 0.14 -1.33	33.18 0.10 -1.21	30.54 0.00 -1.13
HDSNBRDG_115KV_BRDG_TB1 355580	22.89 -0.32 -0.48	20.96 -0.31 -0.49	20.57 -0.33 -0.32	19.18 -0.31 -0.40	21.46 -0.32 -0.12	25.24 -0.36 0.00	23.55 -0.33 -0.39	27.52 -0.36 -0.10	28.33 -0.37 0.00	26.68 -0.35 -0.19	25.64 -0.33 -0.25	25.79 -0.31 -0.05	25.68 -0.31 -0.01	25.22 -0.28 0.00	25.34 -0.28 0.00	27.01 -0.33 0.00	28.61 -0.38 -0.02	35.13 -0.46 -0.04	35.75 -0.50 -0.37	37.12 -0.52 -0.78	39.39 -0.55 -0.46	35.05 -0.50 -0.02	31.46 -0.41 0.00	29.02 -0.38 0.00
HELLGATE_13_KV_LD 55870	30.07 2.14 -5.20	28.04 1.91 -5.35	25.95 1.87 -3.50	25.19 1.76 -4.34	25.03 2.01 -1.35	28.06 2.41 -0.06	30.01 2.23 -4.29	31.53 2.67 -1.07	31.49 2.78 0.00	31.53 2.58 -2.12	31.00 2.42 -2.85	32.65 2.45 -4.15	32.51 2.47 -4.06	33.66 2.42 -5.74	34.93 2.41 -6.90	34.27 2.68 -4.25	35.30 2.84 -3.49	39.50 3.41 -0.54	43.37 3.45 -4.03	48.87 3.50 -8.51	48.25 3.75 -5.02	39.09 3.34 -0.23	34.88 3.00 -0.01	32.09 2.68 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.07 2.14 -5.20	28.04 1.91 -5.35	25.95 1.87 -3.50	25.19 1.76 -4.34	25.03 2.01 -1.35	28.06 2.41 -0.06	30.01 2.23 -4.29	31.53 2.67 -1.07	31.49 2.78 0.00	31.53 2.58 -2.12	31.00 2.42 -2.85	32.65 2.45 -4.15	32.51 2.47 -4.06	33.66 2.42 -5.74	34.93 2.41 -6.90	34.27 2.68 -4.25	35.30 2.84 -3.49	39.50 3.41 -0.54	43.37 3.45 -4.03	48.87 3.50 -8.51	48.25 3.75 -5.02	39.09 3.34 -0.23	34.88 3.00 -0.01	32.09 2.68 -0.01
HEMPSTEAD____ 23647	29.93 2.00 -5.19	27.85 1.72 -5.34	25.74 1.67 -3.49	24.97 1.55 -4.33	24.80 1.80 -1.34	27.74 2.10 -0.05	30.09 2.30 -4.29	31.38 2.53 -1.06	31.26 2.55 0.00	31.06 2.12 -2.11	30.39 1.90 -2.77	29.50 2.53 -0.93	29.04 2.55 -0.51	28.52 2.47 -0.56	28.78 2.48 -0.67	30.43 2.68 -0.41	32.27 2.81 -0.49	39.37 3.38 -0.44	42.64 2.73 -4.03	48.05 2.69 -8.51	47.38 2.88 -5.02	38.87 3.13 -0.22	34.58 2.71 0.00	31.70 2.29 0.00
HEWLETT_69_KV_BK3 55828	30.11 2.18 -5.19	28.02 1.89 -5.34	25.91 1.83 -3.49	25.13 1.70 -4.33	24.98 1.97 -1.34	27.95 2.30 -0.05	30.30 2.51 -4.29	31.63 2.78 -1.06	31.49 2.78 0.00	31.25 2.31 -2.11	30.93 2.44 -2.77	29.86 2.84 -0.97	29.37 2.83 -0.56	28.88 2.75 -0.63	29.15 2.77 -0.76	30.73 2.93 -0.46	32.61 3.10 -0.53	39.73 3.73 -0.44	42.93 3.01 -4.03	48.39 3.02 -8.51	47.85 3.36 -5.02	39.22 3.48 -0.22	34.97 3.09 0.00	32.05 2.65 0.00
HICKLING___1 23621	23.26 -0.77 -1.30	21.42 -0.71 -1.34	20.70 -0.76 -0.88	19.47 -0.71 -1.09	21.24 -0.76 -0.34	24.96 -0.64 -0.01	23.81 -0.75 -1.07	27.22 -0.83 -0.27	28.02 -0.69 0.00	26.45 -0.91 -0.53	25.52 -0.90 -0.69	25.31 -0.89 -0.15	25.31 -0.70 -0.03	24.94 -0.56 0.00	25.01 -0.61 0.00	26.60 -0.74 0.00	28.15 -0.87 -0.04	34.42 -1.24 -0.11	35.53 -1.36 -1.01	37.70 -1.29 -2.13	39.39 -1.34 -1.26	34.55 -1.03 -0.06	31.21 -0.67 0.00	28.96 -0.44 0.00
HICKLING___2 23622	23.26 -0.77 -1.30	21.42 -0.71 -1.34	20.70 -0.76 -0.88	19.47 -0.71 -1.09	21.24 -0.76 -0.34	24.96 -0.64 -0.01	23.81 -0.75 -1.07	27.22 -0.83 -0.27	28.02 -0.69 0.00	26.45 -0.91 -0.53	25.52 -0.90 -0.69	25.31 -0.89 -0.15	25.31 -0.70 -0.03	24.94 -0.56 0.00	25.01 -0.61 0.00	26.60 -0.74 0.00	28.15 -0.87 -0.04	34.42 -1.24 -0.11	35.53 -1.36 -1.01	37.70 -1.29 -2.13	39.39 -1.34 -1.26	34.55 -1.03 -0.06	31.21 -0.67 0.00	28.96 -0.44 0.00
HIGH FALLS___HY 23754	29.47 1.59 -5.15	27.47 1.39 -5.30	25.40 1.36 -3.47	24.69 1.30 -4.30	24.47 1.47 -1.33	27.38 1.74 -0.05	29.38 1.64 -4.25	30.79 1.95 -1.05	30.69 1.98 0.00	30.75 1.82 -2.10	30.17 1.70 -2.75	28.37 1.75 -0.58	27.83 1.71 -0.13	27.20 1.71 0.00	27.34 1.72 0.00	29.26 1.91 0.00	31.23 2.09 -0.17	38.59 2.60 -0.44	42.49 2.62 -3.98	48.02 2.73 -8.44	47.41 2.96 -4.97	38.30 2.56 -0.22	34.14 2.26 0.00	31.43 2.03 0.00
HIGH_RIVER___SOLAR 323847	30.88 1.30 -6.85	29.00 1.16 -7.06	26.35 1.15 -4.62	25.87 1.05 -5.72	24.63 1.19 -1.78	27.07 1.41 -0.07	30.44 1.29 -5.66	30.69 1.50 -1.41	30.17 1.46 0.00	30.81 1.18 -2.80	30.42 1.03 -3.66	27.73 0.91 -0.77	27.14 0.99 -0.18	26.49 0.99 0.00	26.65 1.03 0.00	28.54 1.20 0.00	30.60 1.39 -0.23	38.02 1.88 -0.59	43.25 2.04 -5.32	50.35 2.25 -11.24	48.51 2.41 -6.63	37.98 2.17 -0.29	33.72 1.85 0.00	31.11 1.70 0.00

HILLBURN___GT 23639	29.09 1.48 -4.88	27.11 1.31 -5.02	25.16 1.30 -3.28	24.39 1.22 -4.07	24.31 1.39 -1.26	27.30 1.66 -0.05	29.06 1.55 -4.02	30.68 1.89 -1.00	30.66 1.95 0.00	30.61 1.80 -1.98	30.05 1.72 -2.60	28.37 1.77 -0.55	27.90 1.79 -0.12	27.25 1.76 0.00	27.39 1.77 0.00	29.26 1.91 0.00	31.20 2.06 -0.16	38.46 2.49 -0.42	42.08 2.40 -3.78	47.28 2.43 -7.99	46.80 2.61 -4.71	38.07 2.34 -0.21	33.95 2.07 0.00	31.26 1.85 0.00
HILLSIDE_115KV_TB1 80332	23.22 -0.86 -1.35	21.38 -0.79 -1.39	20.65 -0.84 -0.91	19.44 -0.78 -1.13	21.17 -0.84 -0.35	24.86 -0.74 -0.01	23.76 -0.85 -1.11	27.12 -0.94 -0.28	27.90 -0.80 0.00	26.36 -1.02 -0.55	25.44 -1.00 -0.72	25.21 -0.99 -0.15	25.21 -0.81 -0.03	24.81 -0.69 0.00	24.88 -0.74 0.00	26.47 -0.87 0.00	28.01 -1.01 -0.05	34.25 -1.42 -0.12	35.39 -1.54 -1.05	37.56 -1.51 -2.21	39.20 -1.58 -1.30	34.34 -1.24 -0.06	30.98 -0.89 0.00	28.76 -0.65 0.00
HISHELDN_WT_PWR 323625	21.58 -2.07 -0.91	19.87 -1.85 -0.94	19.28 -1.91 -0.61	18.06 -1.80 -0.76	19.95 -1.95 -0.24	23.45 -2.15 -0.01	22.20 -2.04 -0.75	25.67 -2.31 -0.19	26.61 -2.09 0.00	24.95 -2.25 -0.37	24.05 -2.16 -0.49	23.96 -2.19 -0.10	24.08 -1.92 -0.02	23.74 -1.76 0.00	23.78 -1.85 0.00	25.18 -2.16 0.00	26.57 -2.43 -0.03	32.32 -3.31 -0.08	33.01 -3.59 -0.71	34.85 -3.50 -1.50	36.77 -3.59 -0.88	32.90 -2.66 -0.04	29.71 -2.17 0.00	27.55 -1.85 0.00
HOLTSVILLE_IC_1 23690	30.18 2.25 -5.19	28.00 1.87 -5.34	25.93 1.85 -3.49	25.13 1.70 -4.33	24.98 1.97 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.60 2.75 -1.06	31.49 2.78 0.00	30.98 2.04 -2.11	30.11 1.62 -2.77	29.16 2.37 -0.74	28.65 2.36 -0.31	28.05 2.30 -0.26	28.24 2.31 -0.32	30.38 2.84 -0.19	32.28 2.98 -0.32	39.76 3.77 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.58 3.08 -5.02	39.33 3.59 -0.22	34.81 2.93 0.00	31.73 2.32 0.00
HOLTSVILLE_IC_10 23699	30.27 2.34 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.22 2.42 -0.75	28.71 2.42 -0.31	28.11 2.34 -0.27	28.33 2.38 -0.32	30.49 2.95 -0.19	32.40 3.10 -0.32	39.94 3.95 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	47.73 3.24 -5.02	39.51 3.76 -0.22	34.97 3.09 0.00	31.84 2.44 0.00
HOLTSVILLE_IC_2 23691	30.18 2.25 -5.19	28.00 1.87 -5.34	25.93 1.85 -3.49	25.13 1.70 -4.33	24.98 1.97 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.60 2.75 -1.06	31.49 2.78 0.00	30.98 2.04 -2.11	30.11 1.62 -2.77	29.16 2.37 -0.74	28.65 2.36 -0.31	28.05 2.30 -0.26	28.24 2.31 -0.32	30.38 2.84 -0.19	32.28 2.98 -0.32	39.76 3.77 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.58 3.08 -5.02	39.33 3.59 -0.22	34.81 2.93 0.00	31.73 2.32 0.00
HOLTSVILLE_IC_3 23692	30.18 2.25 -5.19	28.00 1.87 -5.34	25.93 1.85 -3.49	25.13 1.70 -4.33	24.98 1.97 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.60 2.75 -1.06	31.49 2.78 0.00	30.98 2.04 -2.11	30.11 1.62 -2.77	29.16 2.37 -0.74	28.65 2.36 -0.31	28.05 2.30 -0.26	28.24 2.31 -0.32	30.38 2.84 -0.19	32.28 2.98 -0.32	39.76 3.77 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.58 3.08 -5.02	39.33 3.59 -0.22	34.81 2.93 0.00	31.73 2.32 0.00
HOLTSVILLE_IC_4 23693	30.18 2.25 -5.19	28.00 1.87 -5.34	25.93 1.85 -3.49	25.13 1.70 -4.33	24.98 1.97 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.60 2.75 -1.06	31.49 2.78 0.00	30.98 2.04 -2.11	30.11 1.62 -2.77	29.16 2.37 -0.74	28.65 2.36 -0.31	28.05 2.30 -0.26	28.24 2.31 -0.32	30.38 2.84 -0.19	32.28 2.98 -0.32	39.76 3.77 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.58 3.08 -5.02	39.33 3.59 -0.22	34.81 2.93 0.00	31.73 2.32 0.00
HOLTSVILLE_IC_5 23694	30.18 2.25 -5.19	28.00 1.87 -5.34	25.93 1.85 -3.49	25.13 1.70 -4.33	24.98 1.97 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.60 2.75 -1.06	31.49 2.78 0.00	30.98 2.04 -2.11	30.11 1.62 -2.77	29.16 2.37 -0.74	28.65 2.36 -0.31	28.05 2.30 -0.26	28.24 2.31 -0.32	30.38 2.84 -0.19	32.28 2.98 -0.32	39.76 3.77 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.58 3.08 -5.02	39.33 3.59 -0.22	34.81 2.93 0.00	31.73 2.32 0.00
HOLTSVILLE_IC_6 23695	30.27 2.34 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.22 2.42 -0.75	28.71 2.42 -0.31	28.11 2.34 -0.27	28.33 2.38 -0.32	30.49 2.95 -0.19	32.40 3.10 -0.32	39.94 3.95 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	47.73 3.24 -5.02	39.51 3.76 -0.22	34.97 3.09 0.00	31.84 2.44 0.00
HOLTSVILLE_IC_7 23696	30.27 2.34 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.22 2.42 -0.75	28.71 2.42 -0.31	28.11 2.34 -0.27	28.33 2.38 -0.32	30.49 2.95 -0.19	32.40 3.10 -0.32	39.94 3.95 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	47.73 3.24 -5.02	39.51 3.76 -0.22	34.97 3.09 0.00	31.84 2.44 0.00
HOLTSVILLE_IC_8 23697	30.27 2.34 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.22 2.42 -0.75	28.71 2.42 -0.31	28.11 2.34 -0.27	28.33 2.38 -0.32	30.49 2.95 -0.19	32.40 3.10 -0.32	39.94 3.95 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	47.73 3.24 -5.02	39.51 3.76 -0.22	34.97 3.09 0.00	31.84 2.44 0.00
HOLTSVILLE_IC_9 23698	30.27 2.34 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.22 2.42 -0.75	28.71 2.42 -0.31	28.11 2.34 -0.27	28.33 2.38 -0.32	30.49 2.95 -0.19	32.40 3.10 -0.32	39.94 3.95 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	47.73 3.24 -5.02	39.51 3.76 -0.22	34.97 3.09 0.00	31.84 2.44 0.00
HOMER_HL_115KV_TB2 355744	21.45 -2.25 -0.97	19.78 -2.00 -1.00	19.15 -2.08 -0.65	17.97 -1.93 -0.81	19.81 -2.10 -0.25	24.01 -1.59 -0.01	22.11 -2.18 -0.80	25.51 -2.47 -0.20	27.16 -1.55 0.00	24.73 -2.50 -0.39	23.77 -2.47 -0.52	23.68 -2.47 -0.11	24.45 -1.56 -0.02	24.17 -1.33 0.00	24.14 -1.49 0.00	25.57 -1.78 0.00	26.92 -2.09 -0.03	32.04 -3.59 -0.08	32.73 -3.91 -0.75	34.65 -3.80 -1.59	36.31 -4.11 -0.94	32.54 -3.02 -0.04	30.06 -1.82 0.00	28.05 -1.35 0.00
HOWARD_WT_PWR 323690	22.31 -1.50 -1.08	20.50 -1.39 -1.11	19.85 -1.46 -0.73	18.64 -1.36 -0.90	20.47 -1.47 -0.28	24.17 -1.43 -0.01	22.88 -1.50 -0.89	26.40 -1.61 -0.22	27.21 -1.49 0.00	25.58 -1.69 -0.44	24.63 -1.67 -0.58	24.48 -1.69 -0.12	24.53 -1.48 -0.03	24.12 -1.38 0.00	24.26 -1.36 0.00	25.78 -1.56 0.00	27.30 -1.71 -0.04	33.41 -2.24 -0.09	34.39 -2.33 -0.84	36.45 -2.17 -1.77	38.27 -2.25 -1.04	34.04 -1.53 -0.05	30.57 -1.31 0.00	28.35 -1.06 0.00

HQ_GEN_CEDARS 23644	22.39 -0.34 0.00	21.62 -0.25 -1.09	20.37 -0.21 0.00	18.88 -0.21 0.00	21.38 -0.28 0.00	26.52 -0.41 -1.34	24.77 -0.35 -1.63	29.14 -0.50 -1.85	30.06 -0.55 -1.90	28.15 -0.48 -1.80	26.95 -0.51 -1.74	27.26 -0.55 -1.76	27.16 -0.57 -1.75	26.66 -0.56 -1.73	26.85 -0.51 -1.74	28.62 -0.55 -1.83	30.37 -0.52 -1.92	37.20 -0.60 -2.25	37.74 -0.43 -2.28	38.72 -0.48 -2.34	41.45 -0.51 -2.48	37.33 -0.46 -2.26	33.47 -0.48 -2.07	30.91 -0.44 -1.94
HQ_GEN_CEDARS_PROXY 323590	22.39 -0.34 0.00	21.63 -0.25 -1.09	20.37 -0.21 0.00	18.88 -0.21 0.00	21.38 -0.28 0.00	24.79 -0.41 0.39	26.50 -0.35 -3.36	29.14 -0.50 -1.85	30.06 -0.55 -1.90	28.15 -0.48 -1.80	26.95 -0.51 -1.74	27.26 -0.55 -1.76	27.13 -0.60 -1.75	26.66 -0.56 -1.73	26.85 -0.51 -1.74	28.62 -0.55 -1.83	30.37 -0.52 -1.92	37.20 -0.60 -2.25	37.74 -0.43 -2.28	38.72 -0.48 -2.34	41.45 -0.51 -2.48	37.26 -0.53 -2.26	33.47 -0.48 -2.07	30.91 -0.44 -1.94
HQ_GEN_IMPORT 323601	22.42 -0.32 0.00	20.51 -0.27 0.00	20.35 -0.23 0.00	18.87 -0.23 0.00	21.38 -0.28 0.00	23.50 -0.36 1.73	24.89 -0.33 -1.73	27.37 -0.42 0.00	28.25 -0.46 0.00	26.43 -0.40 0.00	25.31 -0.41 0.00	25.63 -0.42 0.00	25.54 -0.44 0.00	25.06 -0.43 0.00	25.21 -0.41 0.00	26.90 -0.44 0.00	28.54 -0.43 0.00	35.02 -0.53 0.00	35.42 -0.47 0.00	36.38 -0.48 0.00	38.96 -0.51 0.00	35.03 -0.50 0.00	31.43 -0.45 0.00	28.99 -0.41 0.00
HQ_GEN_WHEEL 23651	22.42 -0.32 0.00	20.51 -0.27 0.00	20.35 -0.23 0.00	18.87 -0.23 0.00	21.38 -0.28 0.00	23.50 -0.36 1.73	24.89 -0.33 -1.73	27.37 -0.42 0.00	28.25 -0.46 0.00	26.43 -0.40 0.00	25.31 -0.41 0.00	25.63 -0.42 0.00	25.54 -0.44 0.00	25.06 -0.43 0.00	25.21 -0.41 0.00	26.90 -0.44 0.00	28.54 -0.43 0.00	35.02 -0.53 0.00	35.42 -0.47 0.00	36.38 -0.48 0.00	38.96 -0.51 0.00	35.03 -0.50 0.00	31.43 -0.45 0.00	28.99 -0.41 0.00
HUDSON_AVE_GT_3 23810	29.90 1.98 -5.19	27.87 1.75 -5.34	25.80 1.73 -3.49	25.05 1.62 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.84 2.07 -4.28	31.32 2.47 -1.06	31.29 2.58 0.00	31.33 2.39 -2.11	30.88 2.32 -2.84	31.96 2.40 -3.51	31.75 2.42 -3.35	32.58 2.37 -4.71	33.67 2.38 -5.67	33.43 2.60 -3.49	34.62 2.75 -2.90	39.38 3.31 -0.52	43.07 3.16 -4.02	48.58 3.21 -8.51	47.97 3.47 -5.01	38.83 3.09 -0.22	34.65 2.77 0.00	31.87 2.47 0.00
HUDSON_AVE_GT_4 23540	29.90 1.98 -5.19	27.87 1.75 -5.34	25.80 1.73 -3.49	25.05 1.62 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.84 2.07 -4.28	31.32 2.47 -1.06	31.29 2.58 0.00	31.33 2.39 -2.11	30.88 2.32 -2.84	31.96 2.40 -3.51	31.75 2.42 -3.35	32.58 2.37 -4.71	33.67 2.38 -5.67	33.43 2.60 -3.49	34.62 2.75 -2.90	39.38 3.31 -0.52	43.07 3.16 -4.02	48.58 3.21 -8.51	47.97 3.47 -5.01	38.83 3.09 -0.22	34.65 2.77 0.00	31.87 2.47 0.00
HUDSON_AVE_GT_5 23657	29.90 1.98 -5.19	27.87 1.75 -5.34	25.80 1.73 -3.49	25.05 1.62 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.84 2.07 -4.28	31.32 2.47 -1.06	31.29 2.58 0.00	31.33 2.39 -2.11	30.88 2.32 -2.84	31.96 2.40 -3.51	31.75 2.42 -3.35	32.58 2.37 -4.71	33.67 2.38 -5.67	33.43 2.60 -3.49	34.62 2.75 -2.90	39.38 3.31 -0.52	43.07 3.16 -4.02	48.58 3.21 -8.51	47.97 3.47 -5.01	38.83 3.09 -0.22	34.65 2.77 0.00	31.87 2.47 0.00
HUDSON_AVE_10 24168	29.90 1.98 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.30 2.45 -1.06	31.29 2.58 0.00	31.33 2.39 -2.11	30.90 2.34 -2.84	32.01 2.45 -3.51	31.80 2.47 -3.35	32.63 2.42 -4.71	33.72 2.43 -5.67	33.51 2.68 -3.49	34.71 2.84 -2.90	39.41 3.34 -0.52	43.07 3.16 -4.02	48.58 3.21 -8.51	47.97 3.47 -5.01	38.76 3.02 -0.22	34.62 2.74 0.00	31.81 2.41 0.00
HUDSON___115KV_TB 4 355613	29.74 0.84 -6.16	27.92 0.79 -6.34	25.49 0.76 -4.15	24.95 0.71 -5.15	24.08 0.82 -1.60	26.83 1.18 -0.06	29.47 0.89 -5.08	30.08 1.03 -1.26	29.97 1.26 0.00	30.41 1.07 -2.51	29.91 0.90 -3.29	27.58 0.83 -0.70	27.28 1.14 -0.16	26.67 1.17 0.00	26.83 1.20 0.00	28.76 1.42 0.00	30.89 1.71 -0.21	38.06 1.99 -0.52	42.39 1.83 -4.67	48.47 1.51 -10.10	47.01 1.58 -5.96	37.42 1.63 -0.26	33.34 1.47 0.00	30.76 1.35 0.00
HUNTER MOUNT___DRP 323613	29.48 0.73 -6.02	27.64 0.67 -6.19	25.27 0.64 -4.05	24.73 0.61 -5.02	23.94 0.71 -1.56	26.83 1.18 -0.06	29.21 0.75 -4.96	29.88 0.86 -1.23	29.97 1.26 0.00	30.17 0.89 -2.45	29.66 0.72 -3.21	27.38 0.65 -0.68	27.17 1.04 -0.15	26.57 1.07 0.00	26.72 1.10 0.00	28.65 1.31 0.00	30.80 1.62 -0.20	37.88 1.81 -0.51	42.07 1.58 -4.60	48.09 1.36 -9.86	46.72 1.42 -5.82	37.48 1.71 -0.26	33.41 1.53 0.00	30.82 1.41 0.00
HUNTINGTON_RES_REC 323705	30.15 2.23 -5.19	28.02 1.89 -5.34	25.91 1.83 -3.49	25.13 1.70 -4.33	24.96 1.95 -1.34	27.90 2.25 -0.05	30.34 2.56 -4.29	31.60 2.75 -1.06	31.49 2.78 0.00	31.12 2.17 -2.11	30.32 1.83 -2.77	29.38 2.58 -0.75	28.87 2.57 -0.31	28.26 2.50 -0.27	28.48 2.54 -0.32	30.44 2.90 -0.20	32.37 3.07 -0.33	39.80 3.81 -0.44	42.79 2.87 -4.03	48.20 2.84 -8.51	47.49 3.00 -5.02	39.33 3.59 -0.22	34.91 3.03 0.00	31.87 2.47 0.00
HUNTLEY___63 23557	21.60 -1.93 -0.80	19.96 -1.64 -0.82	19.39 -1.73 -0.54	18.14 -1.62 -0.66	20.11 -1.75 -0.21	23.48 -2.12 -0.01	22.25 -1.90 -0.66	25.78 -2.17 -0.16	26.76 -1.95 0.00	25.09 -2.07 -0.32	24.17 -1.98 -0.42	24.13 -2.01 -0.09	24.13 -1.87 -0.02	23.92 -1.58 0.00	23.85 -1.77 0.00	25.21 -2.13 0.00	26.60 -2.40 -0.03	32.38 -3.24 -0.07	32.85 -3.66 -0.62	34.59 -3.58 -1.31	36.34 -3.91 -0.77	32.18 -3.37 -0.03	29.42 -2.45 0.00	27.29 -2.12 0.00
HUNTLEY___64 23558	21.60 -1.93 -0.80	19.96 -1.64 -0.82	19.39 -1.73 -0.54	18.14 -1.62 -0.66	20.11 -1.75 -0.21	23.48 -2.12 -0.01	22.25 -1.90 -0.66	25.78 -2.17 -0.16	26.76 -1.95 0.00	25.09 -2.07 -0.32	24.17 -1.98 -0.42	24.13 -2.01 -0.09	24.13 -1.87 -0.02	23.92 -1.58 0.00	23.85 -1.77 0.00	25.21 -2.13 0.00	26.60 -2.40 -0.03	32.38 -3.24 -0.07	32.85 -3.66 -0.62	34.59 -3.58 -1.31	36.34 -3.91 -0.77	32.18 -3.37 -0.03	29.42 -2.45 0.00	27.29 -2.12 0.00
HUNTLEY___65 23559	21.60 -1.93 -0.80	19.96 -1.64 -0.82	19.39 -1.73 -0.54	18.14 -1.62 -0.66	20.11 -1.75 -0.21	23.48 -2.12 -0.01	22.25 -1.90 -0.66	25.78 -2.17 -0.16	26.76 -1.95 0.00	25.09 -2.07 -0.32	24.17 -1.98 -0.42	24.13 -2.01 -0.09	24.13 -1.87 -0.02	23.92 -1.58 0.00	23.85 -1.77 0.00	25.21 -2.13 0.00	26.60 -2.40 -0.03	32.38 -3.24 -0.07	32.85 -3.66 -0.62	34.59 -3.58 -1.31	36.34 -3.91 -0.77	32.18 -3.37 -0.03	29.42 -2.45 0.00	27.29 -2.12 0.00
HUNTLEY___66 23560	21.60 -1.93 -0.80	19.96 -1.64 -0.82	19.39 -1.73 -0.54	18.14 -1.62 -0.66	20.11 -1.75 -0.21	23.48 -2.12 -0.01	22.25 -1.90 -0.66	25.78 -2.17 -0.16	26.76 -1.95 0.00	25.09 -2.07 -0.32	24.17 -1.98 -0.42	24.13 -2.01 -0.09	24.13 -1.87 -0.02	23.92 -1.58 0.00	23.85 -1.77 0.00	25.21 -2.13 0.00	26.60 -2.40 -0.03	32.38 -3.24 -0.07	32.85 -3.66 -0.62	34.59 -3.58 -1.31	36.34 -3.91 -0.77	32.18 -3.37 -0.03	29.42 -2.45 0.00	27.29 -2.12 0.00

HUNTLEY___67 23561	21.55 -2.00 -0.81	19.87 -1.75 -0.84	19.30 -1.83 -0.55	18.07 -1.70 -0.68	20.01 -1.86 -0.21	23.45 -2.15 -0.01	22.21 -1.95 -0.67	25.70 -2.25 -0.17	26.67 -2.04 0.00	24.99 -2.17 -0.33	24.10 -2.06 -0.43	24.06 -2.08 -0.09	24.05 -1.95 -0.02	23.84 -1.66 0.00	23.78 -1.84 0.00	25.13 -2.21 0.00	26.51 -2.49 -0.03	32.28 -3.34 -0.07	32.75 -3.77 -0.63	34.50 -3.69 -1.33	36.24 -4.03 -0.78	32.11 -3.45 -0.03	29.36 -2.52 0.00	27.26 -2.15 0.00
HUNTLEY___68 23562	21.55 -2.00 -0.81	19.87 -1.75 -0.84	19.30 -1.83 -0.55	18.07 -1.70 -0.68	20.01 -1.86 -0.21	23.45 -2.15 -0.01	22.21 -1.95 -0.67	25.70 -2.25 -0.17	26.67 -2.04 0.00	24.99 -2.17 -0.33	24.10 -2.06 -0.43	24.06 -2.08 -0.09	24.05 -1.95 -0.02	23.84 -1.66 0.00	23.78 -1.84 0.00	25.13 -2.21 0.00	26.51 -2.49 -0.03	32.28 -3.34 -0.07	32.75 -3.77 -0.63	34.50 -3.69 -1.33	36.24 -4.03 -0.78	32.11 -3.45 -0.03	29.36 -2.52 0.00	27.26 -2.15 0.00
HYLAND___LFGE 323620	23.17 -0.45 -0.89	21.26 -0.44 -0.91	20.64 -0.54 -0.60	19.30 -0.53 -0.74	21.42 -0.48 -0.23	25.14 -0.46 -0.01	23.73 -0.49 -0.73	27.42 -0.56 -0.18	28.05 -0.66 0.00	26.31 -0.88 -0.36	25.22 -0.98 -0.47	25.08 -1.07 -0.10	24.96 -1.04 -0.02	24.50 -0.99 0.00	24.62 -1.00 0.00	26.17 -1.17 0.00	27.79 -1.22 -0.03	34.49 -1.14 -0.08	35.68 -0.90 -0.69	37.72 -0.59 -1.46	39.98 -0.36 -0.86	35.35 -0.21 -0.04	31.69 -0.19 0.00	29.23 -0.18 0.00
INDECK___CORINTH 23802	30.58 1.34 -6.51	28.69 1.20 -6.70	26.14 1.17 -4.38	25.60 1.07 -5.43	24.67 1.32 -1.69	27.27 1.61 -0.06	30.35 1.48 -5.37	30.87 1.75 -1.33	30.55 1.84 0.00	31.28 1.80 -2.65	30.90 1.70 -3.48	28.37 1.59 -0.74	27.71 1.56 -0.17	27.08 1.58 0.00	27.21 1.59 0.00	29.17 1.83 0.00	31.28 2.09 -0.22	38.42 2.31 -0.56	43.27 2.33 -5.05	49.96 2.43 -10.67	48.33 2.56 -6.29	38.07 2.28 -0.28	33.79 1.91 0.00	31.14 1.73 0.00
INDECK___ILION 23567	22.71 -0.02 0.00	20.74 -0.04 0.00	20.54 -0.04 0.00	19.06 -0.04 0.00	21.62 -0.04 0.00	25.59 0.00 0.00	23.47 -0.02 0.00	27.76 -0.03 0.00	28.68 -0.03 0.00	26.81 -0.03 0.00	25.70 -0.03 0.00	26.00 -0.05 0.00	25.93 -0.05 0.00	25.39 -0.10 0.00	25.52 -0.10 0.00	27.23 -0.11 0.00	28.83 -0.14 0.00	35.41 -0.14 0.00	35.75 -0.14 0.00	36.71 -0.15 0.00	39.32 -0.16 0.00	35.34 -0.18 0.00	31.72 -0.16 0.00	29.23 -0.18 0.00
INDECK___OLEAN 23982	21.45 -2.25 -0.97	19.76 -2.02 -1.00	19.15 -2.08 -0.65	17.97 -1.93 -0.81	19.81 -2.10 -0.25	24.01 -1.59 -0.01	22.11 -2.18 -0.80	25.51 -2.47 -0.20	27.16 -1.55 0.00	24.73 -2.49 -0.39	23.77 -2.47 -0.52	23.68 -2.48 -0.11	24.50 -1.51 -0.02	24.12 -1.38 0.00	24.13 -1.49 0.00	25.57 -1.78 0.00	27.01 -2.00 -0.03	32.01 -3.63 -0.08	32.73 -3.91 -0.75	34.65 -3.80 -1.59	36.35 -4.07 -0.94	33.33 -2.24 -0.04	30.09 -1.78 0.00	28.02 -1.38 0.00
INDECK___OSWEGO 23783	22.59 -0.55 -0.40	20.70 -0.50 -0.41	20.34 -0.51 -0.27	18.95 -0.48 -0.33	21.23 -0.54 -0.10	24.98 -0.61 0.00	23.24 -0.59 -0.33	27.20 -0.67 -0.08	28.02 -0.69 0.00	26.35 -0.64 -0.16	25.35 -0.59 -0.21	25.50 -0.60 -0.05	25.39 -0.60 -0.01	24.91 -0.59 0.00	25.03 -0.59 0.00	26.71 -0.63 0.00	28.29 -0.70 -0.01	34.77 -0.82 -0.03	35.34 -0.86 -0.31	36.67 -0.85 -0.66	38.96 -0.91 -0.39	34.72 -0.82 -0.02	31.14 -0.73 0.00	28.73 -0.68 0.00
INDECK___YERKES 23781	21.62 -1.91 -0.80	19.98 -1.62 -0.82	19.41 -1.71 -0.54	18.15 -1.60 -0.66	20.14 -1.73 -0.21	23.50 -2.10 -0.01	22.27 -1.88 -0.66	25.81 -2.14 -0.16	26.78 -1.92 0.00	25.09 -2.07 -0.32	24.19 -1.96 -0.42	24.16 -1.98 -0.09	24.23 -1.77 -0.02	23.89 -1.61 0.00	23.88 -1.74 0.00	25.21 -2.13 0.00	26.63 -2.38 -0.03	32.38 -3.23 -0.07	32.85 -3.66 -0.62	34.59 -3.57 -1.31	36.38 -3.87 -0.77	32.54 -3.02 -0.03	29.48 -2.39 0.00	27.32 -2.09 0.00
INDIAN POINT_GT_1 24139	29.54 1.64 -5.17	27.56 1.45 -5.32	25.48 1.42 -3.48	24.77 1.36 -4.32	24.54 1.54 -1.34	27.49 1.84 -0.05	29.49 1.74 -4.26	30.90 2.06 -1.06	30.83 2.12 0.00	30.92 1.99 -2.10	30.39 1.90 -2.76	28.67 1.95 -0.67	28.16 1.95 -0.23	27.55 1.91 -0.14	27.72 1.92 -0.17	29.58 2.13 -0.11	31.49 2.26 -0.26	38.70 2.70 -0.45	42.55 2.66 -4.01	47.99 2.65 -8.47	47.36 2.88 -5.00	38.30 2.56 -0.22	34.17 2.30 0.00	31.46 2.06 0.00
INDIAN POINT_GT_2 23659	29.54 1.64 -5.17	27.56 1.45 -5.32	25.48 1.42 -3.48	24.77 1.36 -4.32	24.54 1.54 -1.34	27.49 1.84 -0.05	29.49 1.74 -4.26	30.90 2.06 -1.06	30.83 2.12 0.00	30.92 1.99 -2.10	30.39 1.90 -2.76	28.67 1.95 -0.67	28.16 1.95 -0.23	27.55 1.91 -0.14	27.72 1.92 -0.17	29.58 2.13 -0.11	31.49 2.26 -0.26	38.70 2.70 -0.45	42.55 2.66 -4.01	47.99 2.65 -8.47	47.36 2.88 -5.00	38.30 2.56 -0.22	34.17 2.30 0.00	31.46 2.06 0.00
INDIAN POINT_GT_3 24019	29.54 1.64 -5.17	27.56 1.45 -5.32	25.48 1.42 -3.48	24.77 1.36 -4.32	24.54 1.54 -1.34	27.49 1.84 -0.05	29.49 1.74 -4.26	30.90 2.06 -1.06	30.83 2.12 0.00	30.92 1.99 -2.10	30.39 1.90 -2.76	28.67 1.95 -0.67	28.16 1.95 -0.23	27.55 1.91 -0.14	27.72 1.92 -0.17	29.58 2.13 -0.11	31.49 2.26 -0.26	38.70 2.70 -0.45	42.55 2.66 -4.01	47.99 2.65 -8.47	47.36 2.88 -5.00	38.30 2.56 -0.22	34.17 2.30 0.00	31.46 2.06 0.00
INDIAN POINT___2 23530	29.67 1.75 -5.19	27.68 1.56 -5.34	25.60 1.52 -3.49	24.88 1.45 -4.33	24.65 1.65 -1.34	27.61 1.97 -0.05	29.63 1.86 -4.28	31.05 2.19 -1.06	31.01 2.30 0.00	31.06 2.12 -2.11	30.53 2.03 -2.77	28.85 2.08 -0.72	28.36 2.10 -0.28	27.78 2.06 -0.21	27.95 2.07 -0.26	29.77 2.27 -0.16	31.68 2.40 -0.30	38.92 2.92 -0.45	42.71 2.80 -4.02	48.20 2.84 -8.51	47.53 3.04 -5.01	38.48 2.74 -0.22	34.33 2.45 0.00	31.58 2.18 0.00
INDIAN POINT___3 23531	29.41 1.57 -5.10	27.43 1.39 -5.25	25.37 1.36 -3.44	24.63 1.28 -4.26	24.46 1.47 -1.32	27.41 1.77 -0.05	29.34 1.64 -4.21	30.81 1.97 -1.04	30.75 2.04 0.00	30.79 1.88 -2.08	30.25 1.80 -2.73	28.55 1.85 -0.65	28.07 1.87 -0.22	27.46 1.84 -0.13	27.62 1.84 -0.15	29.46 2.02 -0.09	31.36 2.14 -0.24	38.55 2.56 -0.44	42.32 2.48 -3.96	47.73 2.51 -8.37	47.13 2.72 -4.93	38.19 2.45 -0.22	34.04 2.17 0.00	31.34 1.94 0.00
INGHAM_C_115KV_TB7 356103	22.42 -0.32 0.00	20.47 -0.31 0.00	20.25 -0.33 0.00	18.79 -0.31 0.00	21.36 -0.30 0.00	25.26 -0.33 0.00	23.14 -0.35 0.00	27.37 -0.42 0.00	28.25 -0.46 0.00	26.43 -0.40 0.00	25.36 -0.36 0.00	25.63 -0.42 0.00	25.51 -0.47 0.00	24.96 -0.54 0.00	25.06 -0.56 0.00	26.74 -0.60 0.00	28.31 -0.67 0.00	34.77 -0.78 0.00	35.10 -0.79 0.00	36.05 -0.81 0.00	38.61 -0.87 0.00	34.74 -0.78 0.00	31.14 -0.73 0.00	28.70 -0.71 0.00
IP CORINTH___1 23988	30.58 1.34 -6.51	28.69 1.21 -6.70	26.14 1.17 -4.38	25.60 1.07 -5.43	24.67 1.32 -1.69	27.27 1.61 -0.06	30.34 1.48 -5.37	30.87 1.75 -1.33	30.54 1.84 0.00	31.28 1.80 -2.65	30.90 1.70 -3.48	28.37 1.59 -0.74	27.71 1.56 -0.17	27.08 1.58 0.00	27.21 1.59 0.00	29.17 1.83 0.00	31.28 2.09 -0.22	38.46 2.35 -0.56	43.28 2.33 -5.06	49.96 2.43 -10.67	48.34 2.57 -6.29	38.04 2.24 -0.28	33.79 1.91 0.00	31.17 1.76 0.00

IP___TICONDEROGA 23804	31.24 2.00 -6.50	29.28 1.81 -6.69	26.73 1.77 -4.38	26.11 1.58 -5.43	25.30 1.95 -1.68	28.01 2.35 -0.06	31.04 2.18 -5.36	31.65 2.53 -1.33	31.35 2.64 0.00	32.06 2.58 -2.65	31.56 2.37 -3.47	29.00 2.21 -0.73	28.30 2.16 -0.17	27.69 2.19 0.00	27.82 2.20 0.00	29.94 2.60 0.00	32.18 2.98 -0.22	39.63 3.52 -0.56	44.45 3.52 -5.05	51.24 3.72 -10.66	49.67 3.91 -6.28	39.21 3.41 -0.28	34.74 2.87 0.00	32.05 2.65 0.00
ISLIP_RES_REC 323679	30.33 2.41 -5.19	28.14 2.02 -5.34	26.05 1.98 -3.49	25.26 1.83 -4.33	25.13 2.12 -1.34	28.05 2.40 -0.05	30.46 2.68 -4.29	31.77 2.92 -1.06	31.69 2.99 0.00	31.15 2.20 -2.11	30.24 1.75 -2.77	29.27 2.48 -0.75	28.76 2.47 -0.31	28.16 2.40 -0.27	28.38 2.44 -0.32	30.57 3.03 -0.20	32.52 3.22 -0.33	40.04 4.05 -0.44	43.15 3.23 -4.03	48.57 3.21 -8.51	47.89 3.40 -5.02	39.65 3.91 -0.22	35.06 3.19 0.00	31.93 2.53 0.00
JAMAICA__27_KV_LOAD 355505	29.92 2.00 -5.19	27.87 1.75 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.84 2.20 -0.05	29.82 2.04 -4.28	31.32 2.47 -1.06	31.35 2.64 0.00	31.41 2.47 -2.11	31.03 2.47 -2.84	32.24 2.68 -3.51	32.06 2.73 -3.35	32.88 2.68 -4.71	33.98 2.69 -5.67	33.78 2.95 -3.49	35.00 3.13 -2.90	39.66 3.59 -0.52	43.18 3.27 -4.02	48.69 3.32 -8.51	48.09 3.59 -5.01	38.83 3.09 -0.22	34.71 2.84 0.00	31.87 2.47 0.00
JANIS___SOLAR 323808	24.54 0.41 -1.40	22.55 0.33 -1.44	21.81 0.29 -0.94	20.55 0.29 -1.17	22.37 0.35 -0.36	26.19 0.59 -0.01	25.09 0.45 -1.15	28.63 0.56 -0.29	29.25 0.54 0.00	27.78 0.38 -0.57	26.78 0.31 -0.75	26.44 0.23 -0.16	26.28 0.26 -0.04	25.75 0.25 0.00	25.93 0.31 0.00	27.75 0.41 0.00	29.51 0.49 -0.05	36.49 0.82 -0.12	37.90 0.93 -1.08	40.22 1.07 -2.29	41.93 1.10 -1.35	36.68 1.10 -0.06	32.80 0.92 0.00	30.20 0.79 0.00
JARVIS____ 23743	22.87 0.14 0.00	20.91 0.13 0.00	20.68 0.10 0.00	19.19 0.10 0.00	21.79 0.13 0.00	25.75 0.15 0.00	23.63 0.14 0.00	27.96 0.17 0.00	28.91 0.20 0.00	27.02 0.19 0.00	25.90 0.18 0.00	26.21 0.16 0.00	26.16 0.18 0.00	25.65 0.15 0.00	25.78 0.15 0.00	27.51 0.17 0.00	29.15 0.17 0.00	35.80 0.25 0.00	36.11 0.22 0.00	37.12 0.26 0.00	39.72 0.24 0.00	35.74 0.21 0.00	32.07 0.19 0.00	29.58 0.18 0.00
JENNISON___1 23625	25.17 0.64 -1.80	23.18 0.54 -1.85	22.29 0.49 -1.21	21.07 0.48 -1.50	22.71 0.58 -0.47	26.48 0.87 -0.02	25.66 0.68 -1.49	29.02 0.86 -0.37	29.63 0.92 0.00	28.32 0.75 -0.73	27.41 0.72 -0.96	26.93 0.68 -0.20	26.75 0.73 -0.05	26.24 0.74 0.00	26.39 0.77 0.00	28.19 0.85 0.00	29.96 0.93 -0.06	36.92 1.21 -0.16	38.54 1.26 -1.40	41.17 1.36 -2.95	42.60 1.38 -1.74	36.88 1.28 -0.08	33.09 1.21 0.00	30.49 1.09 0.00
JENNISON___2 23626	25.17 0.64 -1.80	23.18 0.54 -1.85	22.29 0.49 -1.21	21.07 0.48 -1.50	22.71 0.58 -0.47	26.48 0.87 -0.02	25.66 0.68 -1.49	29.02 0.86 -0.37	29.63 0.92 0.00	28.32 0.75 -0.73	27.41 0.72 -0.96	26.93 0.68 -0.20	26.75 0.73 -0.05	26.24 0.74 0.00	26.39 0.77 0.00	28.19 0.85 0.00	29.96 0.93 -0.06	36.92 1.21 -0.16	38.54 1.26 -1.40	41.17 1.36 -2.95	42.60 1.38 -1.74	36.88 1.28 -0.08	33.09 1.21 0.00	30.49 1.09 0.00
JERICHO_RISE_WT_PWR 323719	21.64 -1.09 0.00	-1.42 -0.98 21.22	19.84 -0.74 0.00	18.39 -0.71 0.00	20.75 -0.91 0.00	-1.74 -1.30 26.03	-9.37 -1.15 31.71	-9.73 -1.45 36.07	-9.76 -1.52 36.95	-9.62 -1.37 35.09	-9.53 -1.36 33.89	-9.59 -1.41 34.23	-9.57 -1.48 34.07	-9.54 -1.43 33.60	-9.58 -1.41 33.79	-9.69 -1.48 35.55	-9.82 -1.51 37.28	-10.00 -1.74 43.81	-10.00 -1.58 44.31	-10.30 -1.62 45.53	-10.54 -1.74 48.28	-10.19 -1.67 44.04	-9.95 -1.53 40.30	-9.86 -1.47 37.79
KATONAH___115KV_46KV_TB4 355592	29.65 1.68 -5.23	27.66 1.50 -5.38	25.56 1.46 -3.52	24.85 1.39 -4.37	24.62 1.60 -1.35	27.56 1.92 -0.05	29.57 1.76 -4.31	30.97 2.11 -1.07	30.89 2.18 0.00	31.00 2.04 -2.13	30.50 1.98 -2.79	28.64 2.01 -0.59	28.14 2.03 -0.13	27.46 1.96 0.00	27.62 2.00 0.00	29.56 2.21 0.00	31.50 2.35 -0.18	38.81 2.81 -0.45	42.67 2.73 -4.06	48.20 2.76 -8.57	47.49 2.96 -5.05	38.37 2.63 -0.22	34.23 2.36 0.00	31.52 2.12 0.00
KCE_NY_1 323755	30.53 1.32 -6.48	28.65 1.20 -6.67	26.13 1.19 -4.36	25.57 1.07 -5.41	24.78 1.45 -1.66	27.40 1.74 -0.06	30.36 1.57 -5.29	30.94 1.83 -1.31	30.66 1.95 0.00	31.29 1.85 -2.61	30.90 1.75 -3.43	28.46 1.69 -0.72	27.81 1.66 -0.16	27.13 1.63 0.00	27.26 1.64 0.00	29.17 1.83 0.00	31.19 2.00 -0.22	38.31 2.20 -0.56	43.10 2.19 -5.03	49.76 2.29 -10.62	48.19 2.45 -6.26	37.97 2.17 -0.28	33.76 1.88 0.00	31.14 1.73 0.00
KCE_NY_6_ESR 323823	21.58 -2.00 -0.85	19.91 -1.75 -0.87	19.32 -1.83 -0.57	18.08 -1.72 -0.71	20.02 -1.86 -0.22	23.60 -2.00 -0.01	22.24 -1.95 -0.70	25.74 -2.22 -0.17	26.87 -1.84 0.00	25.03 -2.15 -0.34	24.12 -2.06 -0.45	24.06 -2.08 -0.10	24.31 -1.69 -0.02	23.94 -1.56 0.00	23.96 -1.66 0.00	25.35 -1.99 0.00	26.74 -2.26 -0.03	32.35 -3.27 -0.07	32.92 -3.62 -0.66	34.71 -3.54 -1.39	36.51 -3.79 -0.82	32.82 -2.73 -0.04	29.74 -2.14 0.00	27.58 -1.82 0.00
KEDC PORT_JEFF_GT2 24210	30.27 2.34 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.24 2.45 -0.75	28.73 2.44 -0.31	28.13 2.37 -0.26	28.35 2.41 -0.32	30.49 2.95 -0.19	32.43 3.13 -0.32	39.94 3.95 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	47.73 3.24 -5.02	39.51 3.76 -0.22	34.97 3.09 0.00	31.87 2.47 0.00
KEDC PORT_JEFF_GT3 24211	30.27 2.34 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.24 2.45 -0.75	28.73 2.44 -0.31	28.13 2.37 -0.26	28.35 2.41 -0.32	30.49 2.95 -0.19	32.43 3.13 -0.32	39.94 3.95 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	47.73 3.24 -5.02	39.51 3.76 -0.22	34.97 3.09 0.00	31.87 2.47 0.00
KEDC_GLWD_GT4 24219	29.95 2.02 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.82 2.17 -0.05	30.04 2.26 -4.30	31.41 2.55 -1.06	31.32 2.61 0.00	31.20 2.25 -2.11	30.57 2.08 -2.77	29.59 2.53 -1.01	29.13 2.55 -0.61	28.67 2.47 -0.70	28.95 2.48 -0.84	30.54 2.68 -0.51	32.39 2.84 -0.57	39.41 3.41 -0.44	42.89 2.98 -4.03	48.20 2.84 -8.51	47.53 3.04 -5.02	38.94 3.20 -0.22	34.68 2.81 0.00	31.82 2.41 0.00
KEDC_GLWD_GT5 24220	29.95 2.02 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.82 2.17 -0.05	30.04 2.26 -4.30	31.41 2.55 -1.06	31.32 2.61 0.00	31.20 2.25 -2.11	30.57 2.08 -2.77	29.59 2.53 -1.01	29.13 2.55 -0.61	28.67 2.47 -0.70	28.95 2.48 -0.84	30.54 2.68 -0.51	32.39 2.84 -0.57	39.41 3.41 -0.44	42.89 2.98 -4.03	48.20 2.84 -8.51	47.53 3.04 -5.02	38.94 3.20 -0.22	34.68 2.81 0.00	31.82 2.41 0.00

KENSICO____ 23655	29.62 1.71 -5.18	27.63 1.52 -5.33	25.57 1.50 -3.49	24.83 1.41 -4.32	24.61 1.60 -1.34	27.56 1.92 -0.05	29.57 1.81 -4.27	31.02 2.17 -1.06	30.95 2.24 0.00	31.01 2.07 -2.11	30.47 1.98 -2.77	28.78 2.03 -0.70	28.29 2.05 -0.25	27.69 2.01 -0.18	27.86 2.02 -0.22	29.69 2.21 -0.13	31.60 2.35 -0.28	38.81 2.81 -0.45	42.63 2.73 -4.02	48.11 2.76 -8.49	47.48 3.00 -5.00	38.44 2.70 -0.22	34.27 2.39 0.00	31.55 2.15 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.19 1.52 -4.94	27.19 1.33 -5.08	25.22 1.32 -3.32	24.46 1.24 -4.12	24.37 1.43 -1.28	27.36 1.71 -0.05	29.14 1.57 -4.07	30.66 1.86 -1.01	30.63 1.92 0.00	30.59 1.74 -2.01	30.00 1.65 -2.63	28.27 1.67 -0.56	27.77 1.66 -0.13	27.18 1.68 0.00	27.29 1.67 0.00	29.20 1.86 0.00	31.20 2.06 -0.17	38.50 2.52 -0.42	42.26 2.55 -3.82	47.57 2.62 -8.09	47.09 2.84 -4.77	38.22 2.49 -0.21	34.08 2.20 0.00	31.40 2.00 0.00
KIAC_JFK_GT1 23816	29.81 1.89 -5.19	27.77 1.64 -5.34	25.70 1.63 -3.49	24.93 1.51 -4.33	24.72 1.71 -1.34	27.72 2.07 -0.05	29.70 1.93 -4.28	31.19 2.33 -1.06	31.21 2.50 0.00	31.28 2.33 -2.11	30.90 2.34 -2.84	32.11 2.55 -3.51	31.93 2.60 -3.35	32.76 2.55 -4.71	33.85 2.56 -5.67	33.64 2.82 -3.49	34.86 2.98 -2.90	39.31 3.24 -0.52	42.86 2.94 -4.02	48.32 2.95 -8.51	47.69 3.20 -5.01	38.48 2.74 -0.22	34.55 2.68 0.00	31.70 2.29 0.00
KIAC_JFK_GT2 23817	29.81 1.89 -5.19	27.77 1.64 -5.34	25.70 1.63 -3.49	24.93 1.51 -4.33	24.72 1.71 -1.34	27.72 2.07 -0.05	29.70 1.93 -4.28	31.19 2.33 -1.06	31.21 2.50 0.00	31.28 2.33 -2.11	30.90 2.34 -2.84	32.11 2.55 -3.51	31.93 2.60 -3.35	32.76 2.55 -4.71	33.85 2.56 -5.67	33.64 2.82 -3.49	34.86 2.98 -2.90	39.31 3.24 -0.52	42.86 2.94 -4.02	48.32 2.95 -8.51	47.69 3.20 -5.01	38.48 2.74 -0.22	34.55 2.68 0.00	31.70 2.29 0.00
KIAC_JFK____ 323774	29.79 1.86 -5.19	27.77 1.64 -5.34	25.70 1.63 -3.49	24.93 1.51 -4.33	24.72 1.71 -1.34	27.72 2.07 -0.05	29.70 1.93 -4.28	31.16 2.31 -1.06	31.20 2.50 0.00	31.25 2.31 -2.11	31.03 2.47 -2.84	32.11 2.55 -3.51	31.93 2.60 -3.35	32.76 2.55 -4.71	33.85 2.56 -5.67	33.65 2.82 -3.49	34.86 2.98 -2.90	39.45 3.38 -0.52	42.86 2.94 -4.02	48.32 2.95 -8.51	47.69 3.20 -5.01	38.41 2.67 -0.22	34.52 2.64 0.00	31.64 2.23 0.00
KINTIGH____ 23543	21.91 -1.52 -0.70	20.15 -1.35 -0.72	19.63 -1.42 -0.47	18.34 -1.34 -0.59	20.41 -1.43 -0.18	23.73 -1.87 -0.01	22.57 -1.50 -0.58	26.21 -1.72 -0.14	26.90 -1.81 0.00	25.43 -1.69 -0.29	24.53 -1.57 -0.37	24.54 -1.59 -0.08	24.31 -1.69 -0.02	24.02 -1.48 0.00	24.01 -1.61 0.00	25.40 -1.94 0.00	26.82 -2.17 -0.02	32.98 -2.63 -0.06	33.45 -2.98 -0.54	35.06 -2.95 -1.15	36.96 -3.20 -0.68	32.64 -2.91 -0.03	29.58 -2.30 0.00	27.43 -1.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.87 -0.86 0.00	0.01 -0.71 20.07	20.11 -0.47 0.00	18.62 -0.48 0.00	21.01 -0.65 0.00	0.01 -0.97 24.61	-7.29 -0.80 29.98	-7.32 -1.00 34.10	-7.29 -1.06 34.94	-7.28 -0.94 33.18	-7.30 -0.98 32.05	-7.36 -1.04 32.36	-7.30 -1.07 32.22	-7.35 -1.07 31.77	-7.35 -1.02 31.95	-7.34 -1.07 33.62	-7.32 -1.04 35.25	-7.12 -1.24 41.42	-7.01 -1.00 41.90	-7.26 -1.07 43.05	-7.31 -1.14 45.65	-7.22 -1.10 41.64	-7.31 -1.08 38.10	-7.36 -1.03 35.73
LACHUTE__HYDRO 323717	31.24 2.00 -6.50	29.28 1.81 -6.69	26.73 1.77 -4.38	26.11 1.58 -5.43	25.30 1.95 -1.68	28.01 2.35 -0.06	31.04 2.19 -5.36	31.65 2.53 -1.33	31.35 2.64 0.00	32.06 2.58 -2.65	31.56 2.37 -3.47	29.00 2.21 -0.73	28.30 2.16 -0.17	27.69 2.19 0.00	27.83 2.20 0.00	29.94 2.60 0.00	32.18 2.98 -0.22	39.63 3.52 -0.56	44.45 3.52 -5.05	51.24 3.72 -10.66	49.67 3.91 -6.28	39.24 3.44 -0.28	34.75 2.87 0.00	32.05 2.65 0.00
LAWRNCV_115KV_TB1 80681	21.96 -0.77 0.00	22.88 -0.67 -2.76	19.98 -0.60 0.00	18.52 -0.57 0.00	20.97 -0.69 0.00	28.08 -0.90 -3.39	26.80 -0.82 -4.13	31.43 -1.06 -4.69	32.37 -1.15 -4.81	30.38 -1.02 -4.57	29.08 -1.05 -4.41	29.38 -1.12 -4.45	29.27 -1.14 -4.43	28.75 -1.12 -4.37	28.94 -1.08 -4.40	30.85 -1.12 -4.63	32.72 -1.10 -4.85	39.97 -1.28 -5.70	40.61 -1.04 -5.77	41.68 -1.11 -5.93	44.58 -1.18 -6.28	40.15 -1.10 -5.73	36.07 -1.05 -5.25	33.32 -1.00 -4.92
LEDERLE____ 23769	29.25 1.57 -4.95	27.27 1.39 -5.09	25.27 1.36 -3.33	24.50 1.28 -4.13	24.42 1.47 -1.28	27.41 1.77 -0.05	29.22 1.64 -4.08	30.80 2.00 -1.01	30.77 2.07 0.00	30.75 1.91 -2.01	30.19 1.83 -2.64	28.48 1.88 -0.56	27.98 1.87 -0.13	27.36 1.86 0.00	27.47 1.84 0.00	29.37 2.02 0.00	31.31 2.17 -0.17	38.57 2.60 -0.43	42.27 2.55 -3.84	47.55 2.58 -8.11	47.06 2.80 -4.78	38.22 2.49 -0.21	34.11 2.23 0.00	31.40 2.00 0.00
LIGHTHSE_115KV_TB6 355974	22.65 -0.45 -0.37	20.73 -0.44 -0.39	20.38 -0.45 -0.25	18.99 -0.42 -0.31	21.30 -0.45 -0.10	25.08 -0.51 0.00	23.26 -0.54 -0.31	27.25 -0.61 -0.08	28.05 -0.66 0.00	26.34 -0.64 -0.15	25.36 -0.57 -0.20	25.47 -0.63 -0.04	25.37 -0.62 -0.01	24.88 -0.61 0.00	25.03 -0.59 0.00	26.74 -0.60 0.00	28.32 -0.67 -0.01	34.87 -0.71 -0.03	35.53 -0.65 -0.29	36.84 -0.63 -0.61	39.17 -0.67 -0.36	34.90 -0.64 -0.02	31.33 -0.54 0.00	28.87 -0.53 0.00
LINDEN COGEN____ 23786	29.85 1.93 -5.19	27.83 1.70 -5.34	25.74 1.67 -3.49	25.01 1.58 -4.33	24.80 1.80 -1.34	27.79 2.15 -0.05	29.77 2.00 -4.28	31.27 2.42 -1.06	31.20 2.50 0.00	31.25 2.31 -2.11	30.80 2.24 -2.84	31.90 2.35 -3.51	31.70 2.36 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.32 2.49 -3.49	34.51 2.64 -2.90	39.20 3.13 -0.52	42.93 3.02 -4.02	48.39 3.02 -8.51	47.73 3.24 -5.01	38.62 2.88 -0.22	34.49 2.61 0.00	31.78 2.38 0.00
LINDHRST_69_KV_BK1 356055	30.17 2.25 -5.19	28.08 1.95 -5.34	25.97 1.89 -3.49	25.18 1.76 -4.33	25.04 2.04 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.74 2.89 -1.06	31.61 2.90 0.00	31.25 2.31 -2.11	30.86 2.37 -2.77	29.57 2.74 -0.79	29.07 2.73 -0.36	28.51 2.68 -0.33	28.72 2.69 -0.40	30.59 3.01 -0.24	32.50 3.16 -0.36	39.87 3.88 -0.44	43.04 3.12 -4.03	48.50 3.13 -8.51	48.05 3.55 -5.02	39.44 3.69 -0.22	35.03 3.16 0.00	32.11 2.71 0.00
LIPA_MISC_IPP 23656	30.06 2.14 -5.19	28.02 1.89 -5.34	25.95 1.87 -3.49	25.15 1.72 -4.33	25.00 1.99 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.63 2.78 -1.06	31.49 2.78 0.00	30.88 1.93 -2.11	30.24 1.75 -2.77	28.93 2.14 -0.74	28.39 2.10 -0.31	27.80 2.04 -0.26	28.01 2.08 -0.32	30.32 2.79 -0.19	32.22 2.93 -0.32	39.69 3.70 -0.44	42.78 2.87 -4.03	48.20 2.84 -8.51	47.85 3.36 -5.02	39.30 3.55 -0.22	34.71 2.84 0.00	31.81 2.41 0.00
LISF__SOLAR 323691	30.22 2.30 -5.19	28.04 1.91 -5.34	25.97 1.89 -3.49	25.18 1.76 -4.33	25.04 2.04 -1.34	27.92 2.28 -0.05	30.34 2.56 -4.29	31.63 2.78 -1.06	31.55 2.84 0.00	30.90 1.96 -2.11	29.88 1.39 -2.77	28.93 2.14 -0.75	28.39 2.10 -0.31	27.82 2.06 -0.26	28.01 2.07 -0.32	30.35 2.82 -0.19	32.25 2.96 -0.32	39.80 3.81 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.53 3.04 -5.02	39.37 3.63 -0.22	34.78 2.90 0.00	31.67 2.26 0.00

LITTLE FALLS___HYD 24013	22.42 -0.32 0.00	20.47 -0.31 0.00	20.25 -0.33 0.00	18.79 -0.31 0.00	21.36 -0.30 0.00	25.26 -0.33 0.00	23.14 -0.35 0.00	27.37 -0.42 0.00	28.25 -0.46 0.00	26.43 -0.40 0.00	25.36 -0.36 0.00	25.63 -0.42 0.00	25.51 -0.47 0.00	24.96 -0.54 0.00	25.06 -0.56 0.00	26.74 -0.60 0.00	28.31 -0.67 0.00	34.77 -0.78 0.00	35.10 -0.79 0.00	36.05 -0.81 0.00	38.61 -0.87 0.00	34.74 -0.78 0.00	31.14 -0.73 0.00	28.70 -0.71 0.00
LITTLRIV_115KV_TB1 356100	22.17 -0.57 0.00	23.34 -0.48 -3.04	20.17 -0.41 0.00	18.69 -0.40 0.00	21.16 -0.50 0.00	28.65 -0.67 -3.72	27.42 -0.61 -4.54	32.09 -0.86 -5.16	33.02 -0.98 -5.28	30.96 -0.89 -5.02	29.65 -0.93 -4.85	29.93 -1.02 -4.90	29.84 -1.01 -4.87	29.28 -1.02 -4.81	29.51 -0.95 -4.83	31.47 -0.96 -5.08	33.41 -0.90 -5.33	40.82 -1.00 -6.27	41.54 -0.68 -6.34	42.67 -0.70 -6.51	45.60 -0.79 -6.91	41.08 -0.75 -6.30	36.91 -0.73 -5.77	34.08 -0.74 -5.41
LI_NEWBRDGE___DRP 323616	29.88 1.96 -5.19	27.83 1.70 -5.34	25.74 1.67 -3.49	24.97 1.55 -4.33	24.78 1.78 -1.34	27.72 2.07 -0.05	30.18 2.40 -4.29	31.41 2.56 -1.06	31.23 2.53 0.00	30.98 2.04 -2.11	30.68 2.19 -2.77	29.37 2.60 -0.72	28.86 2.60 -0.28	28.22 2.50 -0.22	28.40 2.51 -0.27	30.21 2.71 -0.16	32.08 2.81 -0.30	39.41 3.41 -0.44	42.61 2.69 -4.03	48.02 2.65 -8.51	47.50 3.00 -5.02	38.90 3.16 -0.22	34.62 2.74 0.00	31.76 2.35 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.47 -2.02 -0.76	19.80 -1.77 -0.79	19.24 -1.85 -0.51	17.99 -1.74 -0.64	19.98 -1.88 -0.20	23.35 -2.25 -0.01	22.12 -2.00 -0.63	25.64 -2.31 -0.16	26.55 -2.15 0.00	24.92 -2.23 -0.31	24.05 -2.08 -0.41	24.00 -2.14 -0.09	23.95 -2.05 -0.02	23.71 -1.78 0.00	23.67 -1.95 0.00	25.02 -2.32 0.00	26.39 -2.61 -0.03	32.20 -3.41 -0.07	32.64 -3.84 -0.59	34.31 -3.80 -1.25	36.11 -4.11 -0.74	32.00 -3.55 -0.03	29.20 -2.68 0.00	27.08 -2.32 0.00
LOCKPORT___CC1 323769	21.48 -2.02 -0.77	19.81 -1.77 -0.79	19.25 -1.85 -0.52	18.00 -1.74 -0.64	19.98 -1.88 -0.20	23.35 -2.25 -0.01	22.15 -1.97 -0.63	25.67 -2.28 -0.16	26.55 -2.15 0.00	24.92 -2.23 -0.31	24.03 -2.11 -0.41	24.00 -2.14 -0.09	24.05 -1.95 -0.02	23.69 -1.81 0.00	23.67 -1.95 0.00	25.02 -2.32 0.00	26.39 -2.61 -0.03	32.17 -3.45 -0.07	32.65 -3.84 -0.60	34.32 -3.80 -1.26	36.16 -4.07 -0.74	32.29 -3.27 -0.03	29.26 -2.61 0.00	27.11 -2.29 0.00
LOCKPORT___CC2 323770	21.48 -2.02 -0.77	19.81 -1.77 -0.79	19.25 -1.85 -0.52	18.00 -1.74 -0.64	19.98 -1.88 -0.20	23.35 -2.25 -0.01	22.15 -1.97 -0.63	25.67 -2.28 -0.16	26.55 -2.15 0.00	24.92 -2.23 -0.31	24.03 -2.11 -0.41	24.00 -2.14 -0.09	24.05 -1.95 -0.02	23.69 -1.81 0.00	23.67 -1.95 0.00	25.02 -2.32 0.00	26.39 -2.61 -0.03	32.17 -3.45 -0.07	32.65 -3.84 -0.60	34.32 -3.80 -1.26	36.16 -4.07 -0.74	32.29 -3.27 -0.03	29.26 -2.61 0.00	27.11 -2.29 0.00
LOCKPORT___CC3 323771	21.48 -2.02 -0.77	19.81 -1.77 -0.79	19.25 -1.85 -0.52	18.00 -1.74 -0.64	19.98 -1.88 -0.20	23.35 -2.25 -0.01	22.15 -1.97 -0.63	25.67 -2.28 -0.16	26.55 -2.15 0.00	24.92 -2.23 -0.31	24.03 -2.11 -0.41	24.00 -2.14 -0.09	24.05 -1.95 -0.02	23.69 -1.81 0.00	23.67 -1.95 0.00	25.02 -2.32 0.00	26.39 -2.61 -0.03	32.17 -3.45 -0.07	32.65 -3.84 -0.60	34.32 -3.80 -1.26	36.16 -4.07 -0.74	32.29 -3.27 -0.03	29.26 -2.61 0.00	27.11 -2.29 0.00
LONG_LAKE_PHOENIX 24014	22.67 -0.48 -0.41	20.77 -0.44 -0.42	20.40 -0.45 -0.28	19.02 -0.42 -0.34	21.29 -0.48 -0.11	25.06 -0.54 0.00	23.34 -0.49 -0.34	27.32 -0.56 -0.08	28.13 -0.57 0.00	26.46 -0.54 -0.17	25.43 -0.51 -0.22	25.60 -0.49 -0.05	25.47 -0.52 -0.01	25.01 -0.48 0.00	25.13 -0.49 0.00	26.82 -0.52 0.00	28.41 -0.58 -0.01	34.91 -0.68 -0.04	35.49 -0.72 -0.32	36.79 -0.74 -0.67	39.09 -0.79 -0.40	34.83 -0.71 -0.02	31.24 -0.64 0.00	28.82 -0.59 0.00
LOVETT___3 23632	29.22 1.50 -4.99	27.27 1.35 -5.13	25.25 1.32 -3.36	24.50 1.24 -4.16	24.36 1.41 -1.29	27.36 1.71 -0.05	29.20 1.60 -4.11	30.73 1.92 -1.02	30.69 1.98 0.00	30.69 1.82 -2.03	30.13 1.75 -2.66	28.41 1.80 -0.56	27.93 1.82 -0.13	27.28 1.78 0.00	27.41 1.79 0.00	29.28 1.94 0.00	31.23 2.09 -0.17	38.47 2.49 -0.43	42.16 2.40 -3.87	47.46 2.43 -8.17	46.94 2.65 -4.82	38.11 2.38 -0.21	33.98 2.10 0.00	31.29 1.88 0.00
LOVETT___4 23642	29.22 1.50 -4.99	27.27 1.35 -5.13	25.25 1.32 -3.36	24.50 1.24 -4.16	24.36 1.41 -1.29	27.36 1.71 -0.05	29.20 1.60 -4.11	30.73 1.92 -1.02	30.69 1.98 0.00	30.69 1.82 -2.03	30.13 1.75 -2.66	28.41 1.80 -0.56	27.93 1.82 -0.13	27.28 1.78 0.00	27.41 1.79 0.00	29.28 1.94 0.00	31.23 2.09 -0.17	38.47 2.49 -0.43	42.16 2.40 -3.87	47.46 2.43 -8.17	46.94 2.65 -4.82	38.11 2.38 -0.21	33.98 2.10 0.00	31.29 1.88 0.00
LOVETT___5 23593	29.22 1.50 -4.99	27.27 1.35 -5.13	25.25 1.32 -3.36	24.50 1.24 -4.16	24.36 1.41 -1.29	27.36 1.71 -0.05	29.20 1.60 -4.11	30.73 1.92 -1.02	30.69 1.98 0.00	30.69 1.82 -2.03	30.13 1.75 -2.66	28.41 1.80 -0.56	27.93 1.82 -0.13	27.28 1.78 0.00	27.41 1.79 0.00	29.28 1.94 0.00	31.23 2.09 -0.17	38.47 2.49 -0.43	42.16 2.40 -3.87	47.46 2.43 -8.17	46.94 2.65 -4.82	38.11 2.38 -0.21	33.98 2.10 0.00	31.29 1.88 0.00
LOWER RAQUET___HYD 24057	21.82 -0.91 0.00	23.29 -0.79 -3.29	19.86 -0.72 0.00	18.41 -0.69 0.00	20.84 -0.82 0.00	28.58 -1.05 -4.04	27.45 -0.96 -4.92	32.16 -1.22 -5.60	33.12 -1.32 -5.73	31.07 -1.21 -5.44	29.77 -1.21 -5.26	30.06 -1.30 -5.31	29.91 -1.35 -5.29	29.41 -1.30 -5.21	29.61 -1.25 -5.24	31.57 -1.28 -5.52	33.48 -1.27 -5.79	40.86 -1.49 -6.80	41.54 -1.22 -6.88	42.63 -1.29 -7.07	45.59 -1.38 -7.49	40.97 -1.39 -6.84	36.89 -1.24 -6.25	34.09 -1.18 -5.87
LOWER___HUDSON 24059	30.20 1.07 -6.39	28.34 0.98 -6.58	25.85 0.97 -4.30	25.31 0.88 -5.34	24.38 1.06 -1.65	26.93 1.28 -0.06	29.93 1.17 -5.26	30.48 1.39 -1.31	30.17 1.46 0.00	30.80 1.37 -2.60	30.44 1.31 -3.41	28.07 1.30 -0.72	27.47 1.32 -0.16	26.75 1.25 0.00	26.85 1.23 0.00	28.68 1.34 0.00	30.61 1.42 -0.22	37.77 1.67 -0.55	42.54 1.69 -4.96	49.11 1.77 -10.48	47.55 1.89 -6.18	37.50 1.71 -0.27	33.37 1.50 0.00	30.76 1.35 0.00
LOWVILLE_115KV_TB2 356335	22.70 -0.23 -0.19	21.70 -0.23 -1.14	20.46 -0.25 -0.13	19.02 -0.23 -0.16	21.47 -0.24 -0.05	26.50 -0.26 -1.16	24.76 -0.31 -1.57	29.05 -0.39 -1.65	29.90 -0.46 -1.65	28.04 -0.43 -1.64	26.87 -0.46 -1.61	27.02 -0.57 -1.55	26.96 -0.55 -1.52	26.41 -0.59 -1.50	26.62 -0.51 -1.51	28.46 -0.46 -1.58	30.21 -0.43 -1.67	37.20 -0.32 -1.97	37.87 -0.14 -2.12	39.09 -0.11 -2.34	41.66 -0.16 -2.34	37.32 -0.18 -1.97	33.51 -0.16 -1.80	30.82 -0.26 -1.69
LUTHERFT_115KV_GLOB_FND_222 355753	30.53 1.32 -6.48	28.65 1.21 -6.67	26.11 1.17 -4.36	25.57 1.07 -5.41	24.75 1.43 -1.66	27.37 1.71 -0.06	30.36 1.57 -5.29	30.94 1.83 -1.31	30.63 1.92 0.00	31.29 1.85 -2.61	30.87 1.72 -3.42	28.44 1.67 -0.72	27.81 1.66 -0.16	27.10 1.61 0.00	27.24 1.61 0.00	29.17 1.83 0.00	31.19 2.00 -0.22	38.27 2.17 -0.55	43.06 2.19 -4.98	49.72 2.25 -10.62	48.15 2.41 -6.26	37.93 2.13 -0.28	33.72 1.85 0.00	31.11 1.71 0.00

LUTHERNY_35_KV_BK2 355980	30.53 1.32 -6.48	28.65 1.21 -6.67	26.13 1.19 -4.36	25.57 1.07 -5.41	24.78 1.45 -1.66	27.40 1.74 -0.06	30.36 1.57 -5.29	30.94 1.83 -1.31	30.66 1.95 0.00	31.29 1.85 -2.61	30.90 1.75 -3.42	28.47 1.69 -0.72	27.81 1.66 -0.16	27.13 1.63 0.00	27.26 1.64 0.00	29.17 1.83 0.00	31.19 2.00 -0.22	38.31 2.20 -0.55	43.06 2.19 -4.98	49.76 2.29 -10.62	48.15 2.41 -6.26	37.96 2.17 -0.28	33.76 1.88 0.00	31.14 1.73 0.00
LWR___OSWEGATCHIE_HYD 23850	22.22 -0.66 -0.14	22.56 -0.60 -2.38	20.08 -0.60 -0.09	18.66 -0.55 -0.12	21.07 -0.63 -0.04	27.57 -0.77 -2.74	26.20 -0.75 -3.46	30.67 -0.94 -3.83	31.57 -1.03 -3.89	29.62 -0.97 -3.75	28.39 -0.98 -3.65	28.60 -1.07 -3.62	28.51 -1.07 -3.59	27.96 -1.07 -3.54	28.16 -1.02 -3.56	30.05 -1.04 -3.74	31.89 -1.01 -3.93	39.11 -1.07 -4.63	39.80 -0.86 -4.78	41.04 -0.85 -5.03	43.75 -0.95 -5.22	39.28 -0.89 -4.65	35.29 -0.83 -4.25	32.53 -0.85 -3.98
LYONS_FALL_HYD 23570	22.92 0.00 -0.18	21.56 -0.04 -0.82	20.64 -0.06 -0.12	19.21 -0.04 -0.15	21.67 -0.04 -0.05	26.37 0.00 -0.78	24.52 -0.07 -1.10	28.82 -0.08 -1.12	29.70 -0.11 -1.11	27.85 -0.11 -1.12	26.71 -0.13 -1.11	26.88 -0.21 -1.04	26.82 -0.18 -1.02	26.27 -0.23 -1.01	26.45 -0.18 -1.01	28.27 -0.14 -1.06	30.01 -0.09 -1.12	36.91 0.04 -1.33	37.50 0.14 -1.47	38.70 0.19 -1.66	41.26 0.16 -1.62	36.99 0.14 -1.33	33.18 0.10 -1.21	30.54 0.00 -1.13
MADISON___COUNTY_LFGE 323628	23.38 0.34 -0.31	21.39 0.29 -0.32	21.05 0.27 -0.21	19.60 0.25 -0.26	22.05 0.30 -0.08	26.03 0.44 0.00	24.07 0.33 -0.25	28.27 0.42 -0.06	29.14 0.43 0.00	27.33 0.38 -0.12	26.25 0.36 -0.16	26.40 0.31 -0.03	26.33 0.34 -0.01	25.80 0.31 0.00	25.98 0.36 0.00	27.75 0.41 0.00	29.42 0.43 -0.01	36.22 0.64 -0.03	36.77 0.65 -0.24	38.06 0.70 -0.50	40.53 0.75 -0.30	36.18 0.64 -0.01	32.45 0.57 0.00	29.87 0.47 0.00
MALONE___115KV_TB1 356076	21.87 -0.86 0.00	34.14 -0.75 -14.10	20.05 -0.54 0.00	18.56 -0.53 0.00	20.95 -0.71 0.00	41.86 -1.02 -17.30	43.67 -0.89 -21.07	50.61 -1.14 -23.96	52.08 -1.18 -24.55	49.10 -1.05 -23.31	47.13 -1.11 -22.52	47.61 -1.17 -22.74	47.42 -1.20 -22.64	46.65 -1.17 -22.32	46.94 -1.13 -22.45	49.79 -1.18 -23.62	52.58 -1.16 -24.77	63.38 -1.28 -29.10	64.29 -1.04 -29.44	66.01 -1.11 -30.26	70.42 -1.14 -32.08	63.65 -1.14 -29.27	57.48 -1.18 -26.78	53.40 -1.12 -25.11
MAPLEWOD_115KV_TB3 80458	30.06 0.98 -6.35	28.22 0.89 -6.54	25.74 0.88 -4.28	25.20 0.80 -5.30	24.24 0.93 -1.64	26.78 1.13 -0.06	29.74 1.01 -5.24	30.28 1.19 -1.30	29.97 1.26 0.00	30.60 1.18 -2.59	30.25 1.13 -3.39	27.91 1.15 -0.72	27.31 1.17 -0.16	26.59 1.10 0.00	26.72 1.10 0.00	28.55 1.20 0.00	30.46 1.27 -0.21	37.63 1.53 -0.55	42.33 1.51 -4.93	48.82 1.55 -10.41	47.28 1.66 -6.14	37.28 1.49 -0.27	33.25 1.37 0.00	30.64 1.23 0.00
MAPLE_RIDGE_WT_1 323574	21.99 -0.75 0.00	20.10 -0.69 0.00	19.92 -0.66 0.00	18.48 -0.61 0.00	20.97 -0.69 0.00	24.72 -0.87 0.00	22.72 -0.77 0.00	26.87 -0.92 0.00	27.76 -0.95 0.00	25.97 -0.86 0.00	24.90 -0.82 0.00	25.19 -0.86 0.00	25.10 -0.88 0.00	24.63 -0.87 0.00	24.78 -0.84 0.00	26.44 -0.90 0.00	28.08 -0.90 0.00	34.49 -1.07 0.00	34.88 -1.00 0.00	35.83 -1.03 0.00	38.33 -1.15 0.00	34.42 -1.10 0.00	30.89 -0.99 0.00	28.49 -0.91 0.00
MAPLE_RIDGE_WT_2 323611	21.99 -0.75 0.00	20.10 -0.69 0.00	19.92 -0.66 0.00	18.48 -0.61 0.00	20.97 -0.69 0.00	24.72 -0.87 0.00	22.72 -0.77 0.00	26.87 -0.92 0.00	27.76 -0.95 0.00	25.97 -0.86 0.00	24.90 -0.82 0.00	25.19 -0.86 0.00	25.10 -0.88 0.00	24.63 -0.87 0.00	24.78 -0.84 0.00	26.44 -0.90 0.00	28.08 -0.90 0.00	34.49 -1.07 0.00	34.88 -1.00 0.00	35.83 -1.03 0.00	38.33 -1.15 0.00	34.42 -1.10 0.00	30.89 -0.99 0.00	28.49 -0.91 0.00
MARBLE_RIVER_WT_PWR 323696	21.69 -1.05 0.00	0.18 -0.93 19.67	19.90 -0.68 0.00	18.42 -0.67 0.00	20.80 -0.87 0.00	0.24 -1.23 24.12	-7.00 -1.10 29.39	-7.00 -1.36 33.43	-7.00 -1.46 34.24	-7.00 -1.31 32.52	-7.00 -1.31 31.41	-7.00 -1.33 31.72	-7.00 -1.40 31.58	-7.00 -1.35 31.14	-7.00 -1.31 31.32	-7.00 -1.39 32.95	-7.00 -1.42 34.55	-6.79 -1.74 40.60	-6.76 -1.58 41.07	-7.00 -1.66 42.20	-7.00 -1.74 44.74	-7.00 -1.70 40.82	-7.00 -1.53 37.35	-7.00 -1.38 35.02
MARSHVLE_115KV_TB1 80742	32.03 1.89 -7.41	30.09 1.68 -7.63	27.20 1.63 -4.99	26.77 1.49 -6.19	25.30 1.71 -1.92	27.66 2.00 -0.07	31.42 1.81 -6.12	31.48 2.17 -1.52	30.83 2.12 0.00	31.62 1.77 -3.02	31.20 1.52 -3.96	28.21 1.33 -0.84	27.65 1.48 -0.19	27.00 1.50 0.00	27.24 1.61 0.00	29.20 1.86 0.00	31.31 2.09 -0.25	39.00 2.81 -0.64	44.62 2.98 -5.76	52.29 3.28 -12.15	50.12 3.47 -7.16	39.00 3.16 -0.32	34.59 2.71 0.00	31.87 2.47 0.00
MARSH_HILL_WT_PWR 323713	22.32 -1.48 -1.06	20.53 -1.35 -1.09	19.88 -1.42 -0.72	18.66 -1.32 -0.89	20.51 -1.43 -0.28	24.22 -1.38 -0.01	22.91 -1.46 -0.88	26.45 -1.56 -0.22	27.27 -1.43 0.00	25.63 -1.64 -0.43	24.67 -1.62 -0.57	24.53 -1.64 -0.12	24.58 -1.43 -0.03	24.17 -1.33 0.00	24.32 -1.31 0.00	25.84 -1.50 0.00	27.36 -1.65 -0.04	33.44 -2.20 -0.09	34.45 -2.26 -0.82	36.46 -2.14 -1.74	38.33 -2.17 -1.03	34.11 -1.46 -0.05	30.63 -1.24 0.00	28.40 -1.00 0.00
MCINTYRE_115KV_TB2 80467	22.44 -0.30 0.00	23.18 -0.23 -2.62	20.40 -0.19 0.00	18.90 -0.19 0.00	21.42 -0.24 0.00	28.47 -0.33 -3.22	27.06 -0.35 -3.92	31.72 -0.53 -4.46	32.61 -0.66 -4.56	30.55 -0.62 -4.33	29.22 -0.69 -4.19	29.49 -0.78 -4.23	29.41 -0.78 -4.21	28.86 -0.79 -4.15	29.08 -0.72 -4.17	31.05 -0.68 -4.39	32.97 -0.61 -4.61	40.36 -0.60 -5.41	41.11 -0.25 -5.47	42.19 -0.29 -5.63	45.13 -0.32 -5.97	40.64 -0.32 -5.44	36.50 -0.35 -4.98	33.69 -0.38 -4.67
MECO_____69_KV_BK1 80468	31.90 2.02 -7.14	29.94 1.81 -7.35	27.14 1.75 -4.81	26.64 1.58 -5.96	25.35 1.84 -1.85	27.84 2.18 -0.07	31.38 2.00 -5.89	31.59 2.33 -1.46	31.06 2.35 0.00	31.81 2.07 -2.91	31.36 1.83 -3.82	28.47 1.62 -0.81	27.85 1.69 -0.18	27.23 1.73 0.00	27.41 1.79 0.00	29.45 2.11 0.00	31.62 2.40 -0.24	39.33 3.16 -0.62	44.74 3.30 -5.55	52.17 3.61 -11.70	50.17 3.79 -6.90	39.24 3.41 -0.30	34.78 2.90 0.00	32.08 2.68 0.00
MENANDS___115KV_TB5 355628	29.96 0.89 -6.34	28.14 0.83 -6.53	25.67 0.82 -4.27	25.15 0.76 -5.29	24.17 0.87 -1.64	26.73 1.07 -0.06	29.66 0.94 -5.23	30.20 1.11 -1.30	29.91 1.21 0.00	30.51 1.10 -2.58	30.19 1.08 -3.38	27.86 1.09 -0.72	27.23 1.09 -0.16	26.54 1.05 0.00	26.65 1.02 0.00	28.46 1.12 0.00	30.38 1.19 -0.21	37.48 1.39 -0.55	42.17 1.36 -4.92	48.65 1.40 -10.39	47.11 1.50 -6.13	37.14 1.35 -0.27	33.12 1.24 0.00	30.55 1.15 0.00
MG INDUSTRY___DRP 24185	29.70 0.75 -6.21	27.88 0.71 -6.39	25.46 0.70 -4.18	24.93 0.65 -5.19	24.01 0.74 -1.61	26.60 0.95 -0.06	29.39 0.78 -5.12	29.98 0.92 -1.27	29.68 0.98 0.00	30.17 0.80 -2.53	29.79 0.75 -3.32	27.48 0.73 -0.70	26.92 0.78 -0.16	26.26 0.76 0.00	26.39 0.77 0.00	28.19 0.85 0.00	30.14 0.96 -0.21	37.18 1.10 -0.53	41.74 1.08 -4.78	48.22 1.18 -10.19	46.75 1.26 -6.00	36.99 1.21 -0.26	32.99 1.12 0.00	30.43 1.03 0.00

MID___OSWEGATCHIE_HYD 23849	22.22 -0.66 -0.14	22.56 -0.60 -2.38	20.08 -0.60 -0.09	18.66 -0.55 -0.12	21.07 -0.63 -0.04	27.57 -0.77 -2.74	26.20 -0.75 -3.46	30.67 -0.94 -3.83	31.57 -1.03 -3.89	29.62 -0.97 -3.75	28.39 -0.98 -3.65	28.60 -1.07 -3.62	28.51 -1.07 -3.59	27.96 -1.07 -3.54	28.16 -1.02 -3.56	30.05 -1.04 -3.74	31.89 -1.01 -3.93	39.11 -1.07 -4.63	39.80 -0.86 -4.78	41.04 -0.85 -5.03	43.75 -0.95 -5.22	39.28 -0.89 -4.65	35.29 -0.83 -4.25	32.53 -0.85 -3.98
MID___RAQUETTE_HYD 23851	21.83 -0.91 0.00	23.29 -0.79 -3.29	19.86 -0.72 0.00	18.41 -0.69 0.00	20.84 -0.82 0.00	28.58 -1.05 -4.04	27.45 -0.96 -4.92	32.16 -1.22 -5.60	33.12 -1.32 -5.73	31.07 -1.21 -5.44	29.77 -1.21 -5.26	30.06 -1.30 -5.31	29.94 -1.32 -5.29	29.41 -1.30 -5.21	29.61 -1.26 -5.24	31.57 -1.29 -5.52	33.48 -1.27 -5.79	40.86 -1.49 -6.80	41.54 -1.22 -6.88	42.64 -1.29 -7.07	45.59 -1.38 -7.49	41.08 -1.28 -6.84	36.89 -1.24 -6.25	34.09 -1.18 -5.87
MILLIKEN___1 23584	23.86 0.09 -1.04	21.91 0.06 -1.07	21.32 0.04 -0.70	20.00 0.04 -0.87	22.00 0.06 -0.27	25.78 0.18 -0.01	24.46 0.12 -0.86	28.17 0.17 -0.21	28.91 0.20 0.00	27.36 0.11 -0.42	26.35 0.08 -0.55	26.24 0.08 -0.12	26.11 0.10 -0.03	25.62 0.13 0.00	25.78 0.15 0.00	27.51 0.16 0.00	29.18 0.17 -0.04	35.93 0.28 -0.09	36.98 0.29 -0.80	38.89 0.33 -1.70	40.84 0.36 -1.00	35.89 0.32 -0.04	32.16 0.29 0.00	29.67 0.26 0.00
MILLIKEN___2 23585	23.86 0.09 -1.04	21.91 0.06 -1.07	21.32 0.04 -0.70	20.00 0.04 -0.87	22.00 0.06 -0.27	25.78 0.18 -0.01	24.46 0.12 -0.86	28.17 0.17 -0.21	28.91 0.20 0.00	27.36 0.11 -0.42	26.35 0.08 -0.55	26.24 0.08 -0.12	26.11 0.10 -0.03	25.62 0.13 0.00	25.78 0.15 0.00	27.51 0.16 0.00	29.18 0.17 -0.04	35.93 0.28 -0.09	36.98 0.29 -0.80	38.89 0.33 -1.70	40.84 0.36 -1.00	35.89 0.32 -0.04	32.16 0.29 0.00	29.67 0.26 0.00
MILLIKEN___DIESEL 23629	23.86 0.09 -1.04	21.91 0.06 -1.07	21.32 0.04 -0.70	20.00 0.04 -0.87	22.00 0.06 -0.27	25.78 0.18 -0.01	24.46 0.12 -0.86	28.17 0.17 -0.21	28.91 0.20 0.00	27.36 0.11 -0.42	26.35 0.08 -0.55	26.24 0.08 -0.12	26.11 0.10 -0.03	25.62 0.13 0.00	25.78 0.15 0.00	27.51 0.16 0.00	29.18 0.17 -0.04	35.93 0.28 -0.09	36.98 0.29 -0.80	38.89 0.33 -1.70	40.84 0.36 -1.00	35.89 0.32 -0.04	32.16 0.29 0.00	29.67 0.26 0.00
MILLSEAT___LFGE 323607	21.91 -1.57 -0.74	20.17 -1.37 -0.76	19.62 -1.46 -0.50	18.32 -1.39 -0.62	20.38 -1.47 -0.19	23.86 -1.74 -0.01	22.55 -1.55 -0.61	26.16 -1.78 -0.15	27.04 -1.67 0.00	25.42 -1.72 -0.30	24.52 -1.59 -0.40	24.52 -1.62 -0.08	24.52 -1.48 -0.02	24.12 -1.38 0.00	24.13 -1.49 0.00	25.54 -1.81 0.00	26.97 -2.03 -0.02	32.98 -2.63 -0.06	33.48 -2.98 -0.57	35.16 -2.91 -1.21	37.11 -3.08 -0.72	33.07 -2.49 -0.03	29.90 -1.98 0.00	27.64 -1.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.56 1.66 -5.17	27.58 1.48 -5.32	25.50 1.44 -3.48	24.77 1.36 -4.32	24.56 1.56 -1.34	27.51 1.87 -0.05	29.49 1.74 -4.26	30.93 2.08 -1.06	30.86 2.15 0.00	30.92 1.99 -2.10	30.39 1.90 -2.76	28.67 1.95 -0.67	28.18 1.97 -0.23	27.58 1.94 -0.14	27.74 1.95 -0.17	29.58 2.13 -0.11	31.49 2.26 -0.26	38.70 2.70 -0.45	42.52 2.62 -4.01	47.99 2.65 -8.47	47.36 2.88 -5.00	38.34 2.59 -0.22	34.17 2.30 0.00	31.46 2.06 0.00
MILLWOOD_13_KV_LOAD 356217	29.59 1.68 -5.17	27.60 1.50 -5.32	25.52 1.46 -3.48	24.80 1.39 -4.32	24.58 1.58 -1.34	27.54 1.89 -0.05	29.52 1.76 -4.26	30.96 2.11 -1.06	30.89 2.18 0.00	30.98 2.04 -2.10	30.44 1.95 -2.76	28.70 1.98 -0.67	28.21 2.00 -0.23	27.60 1.96 -0.14	27.77 1.97 -0.17	29.64 2.19 -0.11	31.55 2.32 -0.26	38.77 2.77 -0.45	42.59 2.69 -4.01	48.06 2.73 -8.47	47.44 2.96 -5.00	38.37 2.63 -0.22	34.23 2.36 0.00	31.52 2.12 0.00
MODEL_CITY_ENERGY 24167	21.31 -2.20 -0.78	19.63 -1.95 -0.80	19.09 -2.02 -0.52	17.85 -1.89 -0.65	19.81 -2.06 -0.20	23.12 -2.48 -0.01	21.95 -2.18 -0.64	25.42 -2.53 -0.16	26.30 -2.41 0.00	24.71 -2.44 -0.32	23.82 -2.32 -0.41	23.79 -2.34 -0.09	23.82 -2.18 -0.02	23.46 -2.04 0.00	23.44 -2.18 0.00	24.77 -2.57 0.00	26.13 -2.87 -0.03	31.85 -3.77 -0.07	32.33 -4.16 -0.60	33.93 -4.20 -1.27	35.77 -4.46 -0.75	31.93 -3.62 -0.03	28.94 -2.93 0.00	26.82 -2.59 0.00
MODERN_LFGE___ 323580	21.31 -2.20 -0.78	19.63 -1.95 -0.80	19.09 -2.02 -0.52	17.85 -1.89 -0.65	19.81 -2.06 -0.20	23.12 -2.48 -0.01	21.95 -2.18 -0.64	25.42 -2.53 -0.16	26.30 -2.41 0.00	24.71 -2.44 -0.32	23.82 -2.32 -0.41	23.79 -2.34 -0.09	23.82 -2.18 -0.02	23.46 -2.04 0.00	23.44 -2.18 0.00	24.77 -2.57 0.00	26.13 -2.87 -0.03	31.85 -3.77 -0.07	32.33 -4.16 -0.60	33.93 -4.20 -1.27	35.77 -4.46 -0.75	31.93 -3.62 -0.03	28.94 -2.93 0.00	26.82 -2.59 0.00
MOHAWK_PAPER___DRP 24187	30.06 0.98 -6.35	28.22 0.89 -6.54	25.74 0.88 -4.28	25.20 0.80 -5.30	24.24 0.93 -1.64	26.78 1.13 -0.06	29.74 1.01 -5.24	30.28 1.19 -1.30	29.97 1.26 0.00	30.60 1.18 -2.59	30.25 1.13 -3.39	27.91 1.15 -0.72	27.31 1.17 -0.16	26.59 1.10 0.00	26.72 1.10 0.00	28.55 1.20 0.00	30.46 1.27 -0.21	37.63 1.53 -0.55	42.33 1.51 -4.93	48.82 1.55 -10.41	47.28 1.66 -6.14	37.28 1.49 -0.27	33.25 1.37 0.00	30.64 1.23 0.00
MOHICAN___35_KV_115KV_LD 80490	30.66 1.43 -6.50	28.76 1.29 -6.69	26.21 1.26 -4.37	25.65 1.13 -5.42	24.75 1.41 -1.68	27.37 1.71 -0.06	30.42 1.57 -5.36	30.98 1.86 -1.33	30.66 1.95 0.00	31.38 1.91 -2.64	30.97 1.77 -3.47	28.45 1.67 -0.73	27.78 1.64 -0.17	27.15 1.66 0.00	27.29 1.67 0.00	29.26 1.91 0.00	31.34 2.14 -0.22	38.56 2.45 -0.56	43.37 2.44 -5.04	50.09 2.58 -10.65	48.48 2.72 -6.28	38.18 2.38 -0.28	33.92 2.04 0.00	31.26 1.85 0.00
MONGAUP___HYD 23641	28.73 1.32 -4.68	26.77 1.16 -4.82	24.86 1.13 -3.15	24.09 1.09 -3.91	24.11 1.23 -1.21	27.12 1.48 -0.05	28.74 1.39 -3.86	30.36 1.61 -0.96	30.34 1.64 0.00	30.21 1.47 -1.91	29.58 1.36 -2.50	27.96 1.38 -0.53	27.48 1.38 -0.12	26.87 1.38 0.00	27.00 1.38 0.00	28.90 1.56 0.00	30.90 1.77 -0.16	38.16 2.20 -0.40	41.75 2.23 -3.63	46.67 2.14 -7.68	46.29 2.29 -4.53	37.89 2.17 -0.20	33.79 1.91 0.00	31.14 1.73 0.00
MONTAUK___DIESEL 23721	29.81 1.89 -5.19	27.81 1.68 -5.34	25.72 1.65 -3.49	24.94 1.51 -4.33	24.78 1.78 -1.34	27.64 2.00 -0.05	30.06 2.28 -4.29	31.35 2.50 -1.06	31.23 2.53 0.00	30.53 1.58 -2.11	29.57 1.08 -2.77	28.28 1.48 -0.75	27.74 1.45 -0.31	27.19 1.43 -0.26	27.40 1.46 -0.32	29.83 2.30 -0.19	31.79 2.49 -0.32	39.26 3.27 -0.44	42.25 2.33 -4.03	47.65 2.29 -8.51	47.22 2.72 -5.02	38.76 3.02 -0.22	34.14 2.26 0.00	31.55 2.15 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.19 -2.46 -0.91	19.56 -2.16 -0.94	18.93 -2.26 -0.61	17.73 -2.12 -0.76	19.58 -2.32 -0.24	23.25 -2.35 -0.01	21.85 -2.40 -0.75	25.28 -2.70 -0.19	26.55 -2.15 0.00	24.65 -2.55 -0.37	23.64 -2.57 -0.49	23.60 -2.55 -0.10	23.93 -2.08 -0.02	23.74 -1.76 0.00	23.75 -1.87 0.00	25.24 -2.11 0.00	26.74 -2.26 -0.03	32.36 -3.27 -0.08	33.19 -3.41 -0.71	35.22 -3.13 -1.49	37.00 -3.36 -0.88	32.97 -2.59 -0.04	30.41 -1.47 0.00	28.26 -1.15 0.00

MORRIS_RIDGE___SOLAR 323848	22.03 -1.73 -1.02	20.28 -1.56 -1.05	19.64 -1.63 -0.69	18.44 -1.51 -0.86	20.28 -1.65 -0.27	23.89 -1.71 -0.01	22.65 -1.69 -0.85	26.08 -1.92 -0.21	26.93 -1.78 0.00	25.29 -1.96 -0.42	24.37 -1.90 -0.55	24.24 -1.93 -0.12	24.29 -1.72 -0.03	23.94 -1.56 0.00	24.03 -1.59 0.00	25.51 -1.83 0.00	26.92 -2.09 -0.03	32.83 -2.81 -0.09	33.74 -2.94 -0.79	35.77 -2.76 -1.68	37.63 -2.84 -0.99	33.54 -2.02 -0.04	30.19 -1.69 0.00	27.99 -1.41 0.00
MORTIMER_115KV_TB3 55949	22.45 -0.91 -0.63	20.60 -0.83 -0.65	20.10 -0.91 -0.42	18.76 -0.86 -0.53	20.94 -0.89 -0.16	24.45 -1.15 -0.01	23.07 -0.94 -0.52	26.86 -1.06 -0.13	27.59 -1.12 0.00	26.07 -1.02 -0.26	25.16 -0.90 -0.34	25.23 -0.89 -0.07	25.01 -0.99 -0.02	24.65 -0.84 0.00	24.70 -0.92 0.00	26.19 -1.15 0.00	27.72 -1.27 -0.02	34.15 -1.46 -0.05	34.65 -1.72 -0.49	36.19 -1.70 -1.03	38.27 -1.82 -0.61	33.84 -1.71 -0.03	30.51 -1.37 0.00	28.20 -1.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.83 1.91 -5.19	27.83 1.70 -5.34	25.74 1.67 -3.49	24.99 1.57 -4.33	24.78 1.78 -1.34	27.77 2.12 -0.05	29.77 2.00 -4.28	31.24 2.39 -1.06	31.21 2.50 0.00	31.25 2.31 -2.11	30.67 2.21 -2.73	27.24 2.27 1.07	26.57 2.29 1.69	25.07 2.24 2.67	24.67 2.25 3.21	27.83 2.46 1.97	35.57 2.61 -3.98	39.23 3.13 -0.55	42.96 3.05 -4.02	48.47 3.10 -8.52	47.81 3.32 -5.02	38.73 2.98 -0.22	34.55 2.68 0.00	31.79 2.38 0.00
MUNSVILLE_WIND_PWR 323609	25.11 0.77 -1.60	23.09 0.66 -1.65	22.23 0.58 -1.08	21.00 0.57 -1.34	22.81 0.74 -0.41	26.73 1.12 -0.02	25.68 0.87 -1.32	29.20 1.08 -0.33	29.83 1.12 0.00	28.45 0.96 -0.65	27.48 0.90 -0.85	27.01 0.78 -0.18	26.88 0.86 -0.04	26.29 0.79 0.00	26.52 0.90 0.00	28.38 1.04 0.00	30.22 1.19 -0.05	37.36 1.67 -0.14	38.96 1.83 -1.24	41.47 1.99 -2.62	43.04 2.01 -1.55	37.54 1.95 -0.07	33.56 1.69 0.00	30.87 1.47 0.00
N SALMON___HYD 24042	21.87 -0.86 0.00	34.14 -0.75 -14.10	20.05 -0.54 0.00	18.56 -0.53 0.00	20.95 -0.71 0.00	41.86 -1.02 -17.30	43.67 -0.89 -21.07	50.61 -1.14 -23.96	52.08 -1.18 -24.55	49.09 -1.05 -23.31	47.14 -1.11 -22.52	47.62 -1.17 -22.74	47.37 -1.25 -22.64	46.65 -1.17 -22.32	46.94 -1.13 -22.45	49.79 -1.17 -23.62	52.58 -1.16 -24.77	63.38 -1.28 -29.10	64.28 -1.04 -29.44	66.01 -1.10 -30.26	70.42 -1.15 -32.08	63.58 -1.21 -29.27	57.51 -1.15 -26.78	53.40 -1.12 -25.11
N.AKRON__115KV_KNAPP 355671	21.89 -1.59 -0.75	20.14 -1.41 -0.77	19.58 -1.50 -0.50	18.30 -1.41 -0.62	20.36 -1.49 -0.19	23.81 -1.79 -0.01	22.51 -1.60 -0.61	26.14 -1.81 -0.15	27.01 -1.69 0.00	25.36 -1.77 -0.30	24.50 -1.62 -0.40	24.47 -1.67 -0.08	24.39 -1.61 -0.02	24.12 -1.38 0.00	24.11 -1.51 0.00	25.48 -1.86 0.00	26.94 -2.06 -0.03	32.95 -2.67 -0.06	33.42 -3.05 -0.58	35.09 -2.99 -1.22	37.00 -3.20 -0.72	32.75 -2.81 -0.03	29.80 -2.07 0.00	27.58 -1.82 0.00
N.BELMOR_69_KV_BK1 55787	30.02 2.09 -5.19	27.95 1.83 -5.34	25.84 1.77 -3.49	25.07 1.64 -4.33	24.89 1.88 -1.34	27.84 2.20 -0.05	30.23 2.44 -4.29	31.55 2.70 -1.06	31.41 2.70 0.00	31.15 2.20 -2.11	30.80 2.32 -2.77	29.62 2.68 -0.89	29.12 2.68 -0.47	28.62 2.63 -0.50	28.83 2.61 -0.60	30.55 2.84 -0.36	32.39 2.96 -0.46	39.55 3.56 -0.44	42.78 2.87 -4.03	48.20 2.84 -8.51	47.69 3.20 -5.02	39.08 3.34 -0.22	34.78 2.90 0.00	31.90 2.50 0.00
N.E_GEN_SANDY PD 24062	29.80 1.32 -5.74	29.10 1.20 -7.11	27.70 1.19 -5.93	27.10 1.11 -6.90	26.40 1.28 -3.46	27.60 1.54 -0.47	31.32 1.36 -6.47	32.83 1.64 -3.40	31.40 1.69 -1.00	32.40 1.58 -3.99	30.33 1.54 -3.07	28.29 1.59 -0.65	27.71 1.59 -0.15	27.00 1.50 0.00	27.11 1.49 0.00	28.90 1.56 0.00	30.76 1.59 -0.19	38.00 1.95 -0.49	42.32 1.97 -4.46	48.30 2.03 -9.42	47.20 2.17 -5.55	37.76 1.99 -0.24	33.66 1.78 0.00	31.02 1.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.22 1.52 -4.96	27.24 1.35 -5.11	25.24 1.32 -3.34	24.48 1.24 -4.14	24.36 1.41 -1.28	27.36 1.71 -0.05	29.18 1.60 -4.09	30.72 1.92 -1.02	30.69 1.98 0.00	30.68 1.82 -2.02	30.12 1.75 -2.65	28.41 1.80 -0.56	27.93 1.82 -0.13	27.28 1.78 0.00	27.41 1.79 0.00	29.31 1.97 0.00	31.23 2.09 -0.17	38.47 2.49 -0.43	42.18 2.44 -3.85	47.46 2.47 -8.13	46.96 2.68 -4.79	38.11 2.38 -0.21	34.01 2.14 0.00	31.32 1.91 0.00
N.QUEENS_27_KV_LOAD 356247	30.02 2.09 -5.20	28.00 1.87 -5.35	25.87 1.79 -3.50	25.17 1.74 -4.34	24.99 1.97 -1.35	28.01 2.35 -0.06	30.01 2.23 -4.29	31.53 2.67 -1.07	31.49 2.78 0.00	31.47 2.52 -2.12	30.84 2.26 -2.85	32.49 2.29 -4.15	32.35 2.31 -4.06	33.48 2.24 -5.74	34.78 2.25 -6.90	34.08 2.49 -4.25	35.10 2.64 -3.49	39.29 3.20 -0.54	43.44 3.52 -4.03	49.02 3.65 -8.51	48.45 3.95 -5.02	39.13 3.37 -0.23	34.85 2.96 -0.01	32.15 2.73 -0.01
N.TROY___115KV_TB1 355778	30.20 1.07 -6.39	28.36 1.00 -6.58	25.85 0.97 -4.30	25.31 0.88 -5.34	24.38 1.06 -1.65	26.93 1.28 -0.06	29.93 1.17 -5.26	30.48 1.39 -1.31	30.17 1.46 0.00	30.80 1.37 -2.60	30.44 1.31 -3.41	28.07 1.30 -0.72	27.44 1.30 -0.16	26.75 1.25 0.00	26.85 1.23 0.00	28.68 1.34 0.00	30.61 1.42 -0.22	37.77 1.67 -0.55	42.53 1.69 -4.95	49.11 1.77 -10.48	47.51 1.86 -6.18	37.50 1.71 -0.27	33.37 1.50 0.00	30.76 1.35 0.00
NARROWS_GT1_1 24228	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT1_2 24229	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT1_3 24230	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT1_4 24231	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70

NARROWS_GT1_5 24232	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT1_6 24233	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT1_7 24234	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT1_8 24235	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_1 24236	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_2 24237	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_3 24238	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_4 24239	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_5 24240	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_6 24241	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_7 24242	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NARROWS_GT2_8 24243	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.48 0.73 -6.02	27.64 0.67 -6.19	25.27 0.64 -4.05	24.73 0.61 -5.02	23.94 0.71 -1.56	26.83 1.18 -0.06	29.21 0.75 -4.96	29.88 0.86 -1.23	29.97 1.26 0.00	30.17 0.89 -2.45	29.66 0.72 -3.21	27.38 0.65 -0.68	27.17 1.04 -0.15	26.57 1.07 0.00	26.72 1.10 0.00	28.65 1.31 0.00	30.80 1.62 -0.20	37.88 1.81 -0.51	42.07 1.58 -4.60	48.09 1.36 -9.86	46.72 1.42 -5.82	37.48 1.71 -0.26	33.41 1.53 0.00	30.82 1.41 0.00
NCHELSEA_115KV_TR2 355582	29.46 1.57 -5.16	27.48 1.39 -5.31	25.43 1.38 -3.47	24.70 1.30 -4.31	24.49 1.49 -1.34	27.41 1.77 -0.05	29.39 1.64 -4.25	30.79 1.95 -1.06	30.75 2.04 0.00	30.81 1.88 -2.10	30.25 1.77 -2.75	28.43 1.80 -0.58	27.93 1.82 -0.13	27.31 1.81 0.00	27.41 1.79 0.00	29.34 2.00 0.00	31.32 2.17 -0.17	38.59 2.60 -0.44	42.47 2.58 -4.00	47.93 2.62 -8.46	47.31 2.84 -4.98	38.26 2.52 -0.22	34.11 2.23 0.00	31.43 2.03 0.00
NEG CAPITAL___MECHNVIL 23645	30.53 1.34 -6.45	28.65 1.23 -6.64	26.12 1.19 -4.34	25.57 1.09 -5.39	24.73 1.41 -1.66	27.34 1.69 -0.06	30.33 1.55 -5.28	30.91 1.81 -1.31	30.60 1.89 0.00	31.27 1.83 -2.61	30.87 1.72 -3.42	28.44 1.67 -0.72	27.81 1.66 -0.16	27.13 1.63 0.00	27.24 1.62 0.00	29.17 1.83 0.00	31.16 1.97 -0.22	38.31 2.20 -0.56	43.12 2.23 -5.01	49.76 2.32 -10.58	48.16 2.45 -6.24	38.00 2.20 -0.27	33.79 1.91 0.00	31.14 1.73 0.00

NEG CENTRAL_HIGH_ACRES 23767	22.23 -1.11 -0.61	20.37 -1.04 -0.63	19.92 -1.07 -0.41	18.59 -1.01 -0.51	20.74 -1.08 -0.16	24.24 -1.36 -0.01	22.82 -1.17 -0.50	26.58 -1.33 -0.12	27.30 -1.41 0.00	25.82 -1.26 -0.25	24.89 -1.16 -0.32	24.97 -1.15 -0.07	24.83 -1.17 -0.02	24.37 -1.12 0.00	24.47 -1.15 0.00	26.00 -1.34 0.00	27.52 -1.48 -0.02	33.90 -1.71 -0.05	34.46 -1.90 -0.47	35.94 -1.92 -1.00	38.01 -2.05 -0.59	33.66 -1.88 -0.03	30.25 -1.62 0.00	27.93 -1.47 0.00
NEG CENTRAL___DRP 24199	23.00 -0.41 -0.67	21.10 -0.37 -0.69	20.62 -0.41 -0.45	19.27 -0.38 -0.56	21.42 -0.41 -0.17	25.21 -0.38 -0.01	23.65 -0.40 -0.55	27.51 -0.42 -0.14	28.31 -0.40 0.00	26.65 -0.46 -0.27	25.67 -0.41 -0.36	25.71 -0.42 -0.08	25.61 -0.39 -0.02	25.16 -0.33 0.00	25.29 -0.33 0.00	26.93 -0.41 0.00	28.53 -0.46 -0.02	35.08 -0.53 -0.06	35.83 -0.57 -0.52	37.40 -0.55 -1.10	39.57 -0.55 -0.65	35.05 -0.50 -0.03	31.49 -0.38 0.00	29.08 -0.32 0.00
NEG CENTRAL___INDECK 23768	22.99 -0.64 -0.89	21.09 -0.60 -0.92	20.48 -0.70 -0.60	19.17 -0.67 -0.74	21.22 -0.67 -0.23	24.91 -0.69 -0.01	23.54 -0.68 -0.73	27.22 -0.75 -0.18	27.93 -0.77 0.00	26.31 -0.88 -0.36	25.30 -0.90 -0.47	25.21 -0.94 -0.10	25.12 -0.88 -0.02	24.68 -0.82 0.00	24.78 -0.84 0.00	26.33 -1.01 0.00	27.90 -1.10 -0.03	34.42 -1.21 -0.08	35.39 -1.18 -0.69	37.32 -0.99 -1.46	39.47 -0.87 -0.86	34.92 -0.64 -0.04	31.33 -0.54 0.00	28.93 -0.47 0.00
NEG CENTRAL___SENECA 23627	23.00 -0.48 -0.74	21.09 -0.46 -0.77	20.59 -0.49 -0.50	19.26 -0.46 -0.62	21.38 -0.48 -0.19	25.14 -0.46 -0.01	23.64 -0.47 -0.61	27.44 -0.50 -0.15	28.25 -0.46 0.00	26.60 -0.54 -0.30	25.61 -0.51 -0.40	25.61 -0.52 -0.08	25.53 -0.47 -0.02	25.11 -0.38 0.00	25.21 -0.41 0.00	26.85 -0.49 0.00	28.45 -0.55 -0.03	34.98 -0.64 -0.06	35.75 -0.72 -0.58	37.41 -0.66 -1.22	39.53 -0.67 -0.72	34.95 -0.60 -0.03	31.43 -0.45 0.00	29.05 -0.35 0.00
NEG CENTRAL___STATE_STREET 24147	23.16 -0.23 -0.65	21.23 -0.23 -0.67	20.77 -0.25 -0.44	19.41 -0.23 -0.55	21.59 -0.24 -0.17	25.37 -0.23 -0.01	23.82 -0.21 -0.54	27.73 -0.19 -0.13	28.54 -0.17 0.00	26.88 -0.21 -0.27	25.87 -0.21 -0.35	25.94 -0.18 -0.07	25.82 -0.18 -0.02	25.37 -0.13 0.00	25.49 -0.13 0.00	27.21 -0.14 0.00	28.82 -0.17 -0.02	35.47 -0.14 -0.06	36.18 -0.22 -0.51	37.75 -0.18 -1.07	39.91 -0.20 -0.63	35.34 -0.21 -0.03	31.68 -0.19 0.00	29.23 -0.18 0.00
NEG MILLWOOD___DRP 24198	29.65 1.71 -5.21	27.64 1.50 -5.37	25.55 1.46 -3.51	24.84 1.39 -4.35	24.62 1.60 -1.35	27.56 1.92 -0.05	29.55 1.76 -4.30	30.97 2.11 -1.07	30.89 2.18 0.00	30.99 2.04 -2.12	30.49 1.98 -2.78	28.62 1.98 -0.59	28.09 1.97 -0.13	27.46 1.96 0.00	27.59 1.97 0.00	29.53 2.19 0.00	31.53 2.38 -0.18	38.81 2.81 -0.45	42.73 2.80 -4.04	48.20 2.80 -8.55	47.56 3.04 -5.04	38.41 2.66 -0.22	34.27 2.39 0.00	31.55 2.15 0.00
NEG NORTH_FLCN_SEA 23793	21.85 -0.89 0.00	0.14 -0.79 19.85	20.07 -0.51 0.00	18.58 -0.52 0.00	20.97 -0.69 0.00	0.19 -1.05 24.35	-7.09 -0.92 29.67	-7.12 -1.17 33.74	-7.07 -1.21 34.57	-7.07 -1.11 32.82	-7.09 -1.11 31.71	-7.12 -1.15 32.02	-7.09 -1.20 31.87	-7.11 -1.17 31.44	-7.14 -1.15 31.61	-7.12 -1.20 33.26	-7.12 -1.22 34.88	-6.93 -1.49 40.99	-6.86 -1.29 41.45	-7.10 -1.36 42.60	-7.11 -1.42 45.17	-7.03 -1.35 41.20	-7.10 -1.28 37.70	-7.13 -1.18 35.35
NEG NORTH_KES_CHATEGAY 23792	21.69 -1.05 0.00	-1.34 -0.94 21.19	19.90 -0.68 0.00	18.43 -0.67 0.00	20.80 -0.87 0.00	-1.65 -1.25 25.99	-9.28 -1.10 31.67	-9.62 -1.39 36.02	-9.65 -1.46 36.90	-9.52 -1.31 35.04	-9.46 -1.34 33.85	-9.54 -1.41 34.18	-9.47 -1.43 34.02	-9.46 -1.40 33.56	-9.48 -1.36 33.74	-9.61 -1.45 35.50	-9.71 -1.45 37.23	-9.87 -1.67 43.75	-9.83 -1.47 44.25	-10.16 -1.55 45.47	-10.35 -1.62 48.21	-9.95 -1.49 43.98	-9.86 -1.50 40.24	-9.74 -1.41 37.74
NEG NORTH___ALICE_FALLS 23915	21.87 -0.86 0.00	0.01 -0.71 20.07	20.11 -0.47 0.00	18.62 -0.48 0.00	21.01 -0.65 0.00	0.01 -0.97 24.61	-7.29 -0.80 29.98	-7.32 -1.00 34.10	-7.29 -1.06 34.94	-7.28 -0.94 33.18	-7.30 -0.98 32.05	-7.36 -1.04 32.36	-7.30 -1.07 32.22	-7.35 -1.07 31.77	-7.35 -1.02 31.95	-7.34 -1.07 33.62	-7.32 -1.04 35.25	-7.12 -1.24 41.42	-7.01 -1.00 41.90	-7.26 -1.07 43.05	-7.31 -1.14 45.65	-7.22 -1.10 41.64	-7.31 -1.08 38.10	-7.36 -1.03 35.73
NEG NORTH___LWR_SARANAC 23913	21.87 -0.86 0.00	0.01 -0.71 20.07	20.11 -0.47 0.00	18.62 -0.48 0.00	21.01 -0.65 0.00	0.01 -0.97 24.61	-7.29 -0.80 29.98	-7.32 -1.00 34.10	-7.29 -1.06 34.94	-7.28 -0.94 33.18	-7.30 -0.98 32.05	-7.36 -1.04 32.36	-7.30 -1.07 32.22	-7.35 -1.07 31.77	-7.35 -1.02 31.95	-7.34 -1.07 33.62	-7.32 -1.04 35.25	-7.12 -1.24 41.42	-7.01 -1.00 41.90	-7.26 -1.07 43.05	-7.31 -1.14 45.65	-7.22 -1.10 41.64	-7.31 -1.08 38.10	-7.36 -1.03 35.73
NEG NORTH___PLATTSBURG 23628	21.89 -0.84 0.00	0.01 -0.71 20.07	20.11 -0.47 0.00	18.62 -0.48 0.00	21.01 -0.65 0.00	0.01 -0.97 24.61	-7.29 -0.80 29.98	-7.31 -1.00 34.10	-7.29 -1.06 34.94	-7.28 -0.94 33.18	-7.30 -0.98 32.05	-7.36 -1.04 32.36	-7.35 -1.12 32.22	-7.32 -1.05 31.77	-7.35 -1.03 31.95	-7.34 -1.07 33.62	-7.32 -1.04 35.25	-7.12 -1.25 41.42	-7.01 -1.00 41.90	-7.27 -1.07 43.05	-7.32 -1.15 45.65	-7.33 -1.21 41.64	-7.34 -1.12 38.10	-7.36 -1.03 35.73
NEG WEST_LEA_LOCKPORT 23791	21.48 -2.02 -0.77	19.81 -1.77 -0.79	19.25 -1.85 -0.52	18.00 -1.74 -0.64	19.98 -1.88 -0.20	23.35 -2.25 -0.01	22.15 -1.97 -0.63	25.67 -2.28 -0.16	26.55 -2.15 0.00	24.92 -2.23 -0.31	24.05 -2.08 -0.41	24.00 -2.14 -0.09	23.95 -2.05 -0.02	23.74 -1.76 0.00	23.67 -1.95 0.00	25.02 -2.32 0.00	26.39 -2.61 -0.03	32.20 -3.41 -0.07	32.65 -3.84 -0.60	34.32 -3.80 -1.26	36.12 -4.11 -0.74	32.00 -3.55 -0.03	29.20 -2.68 0.00	27.11 -2.29 0.00
NEG WEST___LANCASTER 23811	21.18 -2.46 -0.90	19.52 -2.18 -0.92	18.92 -2.26 -0.60	17.74 -2.10 -0.75	19.58 -2.32 -0.23	23.76 -1.84 -0.01	21.81 -2.42 -0.74	25.19 -2.78 -0.18	26.93 -1.78 0.00	24.49 -2.71 -0.37	23.55 -2.65 -0.48	23.49 -2.66 -0.10	24.29 -1.71 -0.02	24.04 -1.45 0.00	24.01 -1.61 0.00	25.40 -1.94 0.00	26.72 -2.29 -0.03	31.68 -3.95 -0.08	32.28 -4.31 -0.70	34.09 -4.24 -1.47	35.77 -4.58 -0.87	32.12 -3.45 -0.04	29.77 -2.10 0.00	27.70 -1.71 0.00
NEG_PENN_ALLEGHNY 23528	24.21 -0.18 -1.66	22.30 -0.19 -1.71	21.49 -0.21 -1.12	20.29 -0.19 -1.39	21.90 -0.20 -0.43	25.53 -0.08 -0.02	24.70 -0.16 -1.37	27.96 -0.17 -0.34	28.65 -0.06 0.00	27.29 -0.22 -0.68	26.40 -0.21 -0.89	26.05 -0.18 -0.19	25.94 -0.08 -0.04	25.45 -0.05 0.00	25.57 -0.05 0.00	27.23 -0.11 0.00	28.89 -0.14 -0.06	35.45 -0.25 -0.14	36.85 -0.32 -1.29	39.28 -0.30 -2.72	40.77 -0.32 -1.60	35.49 -0.11 -0.07	31.81 -0.06 0.00	29.40 0.00 0.00
NEG___GEN_MONROE 24207	22.30 -1.07 -0.64	20.46 -0.98 -0.65	20.00 -1.01 -0.43	18.67 -0.95 -0.53	20.83 -1.00 -0.16	24.34 -1.25 -0.01	22.96 -1.06 -0.52	26.67 -1.25 -0.13	27.42 -1.29 0.00	25.86 -1.23 -0.26	24.93 -1.13 -0.34	24.97 -1.15 -0.07	24.78 -1.22 -0.02	24.45 -1.05 0.00	24.47 -1.15 0.00	25.98 -1.37 0.00	27.43 -1.56 -0.02	33.72 -1.88 -0.05	34.30 -2.08 -0.49	35.91 -1.99 -1.04	37.96 -2.13 -0.61	33.60 -1.95 -0.03	30.31 -1.56 0.00	28.11 -1.29 0.00

NEPA___ENERGY 23901	21.88 -1.77 -0.92	20.17 -1.56 -0.94	19.57 -1.63 -0.62	18.33 -1.53 -0.77	20.25 -1.65 -0.24	24.04 -1.56 -0.01	22.56 -1.69 -0.76	26.09 -1.89 -0.19	27.21 -1.49 0.00	25.30 -1.91 -0.37	24.31 -1.90 -0.49	24.28 -1.88 -0.10	24.52 -1.48 -0.02	24.27 -1.22 0.00	24.24 -1.38 0.00	25.67 -1.67 0.00	27.12 -1.88 -0.03	32.86 -2.77 -0.08	33.51 -3.09 -0.71	35.41 -2.95 -1.51	37.17 -3.20 -0.89	33.04 -2.52 -0.04	30.25 -1.63 0.00	28.17 -1.23 0.00
NEVERSink___HYD 23608	28.84 1.43 -4.67	26.84 1.25 -4.81	24.96 1.23 -3.14	24.18 1.18 -3.90	24.22 1.34 -1.21	27.25 1.61 -0.05	28.82 1.48 -3.85	30.50 1.75 -0.96	30.55 1.84 0.00	30.39 1.66 -1.90	29.78 1.57 -2.49	28.14 1.56 -0.53	27.68 1.59 -0.12	27.08 1.58 0.00	27.21 1.59 0.00	29.12 1.78 0.00	31.10 1.97 -0.16	38.37 2.42 -0.40	41.91 2.40 -3.62	46.98 2.47 -7.66	46.64 2.65 -4.51	38.10 2.38 -0.20	33.98 2.10 0.00	31.29 1.88 0.00
NEWKRMKL_115KV_TB1 55635	29.83 0.75 -6.34	28.02 0.71 -6.53	25.53 0.68 -4.27	25.02 0.63 -5.29	24.04 0.74 -1.64	26.55 0.90 -0.06	29.50 0.78 -5.23	30.00 0.92 -1.30	29.71 1.00 0.00	30.35 0.94 -2.58	30.01 0.90 -3.38	27.68 0.91 -0.72	27.05 0.91 -0.16	26.36 0.87 0.00	26.49 0.87 0.00	28.33 0.98 0.00	30.23 1.04 -0.21	37.24 1.14 -0.55	41.92 1.11 -4.92	48.43 1.18 -10.40	46.83 1.22 -6.13	36.89 1.10 -0.27	32.93 1.05 0.00	30.34 0.94 0.00
NEWTON___FALLS_HYD 23847	22.22 -0.66 -0.14	22.56 -0.60 -2.38	20.08 -0.60 -0.09	18.66 -0.55 -0.12	21.07 -0.63 -0.04	27.57 -0.77 -2.74	26.20 -0.75 -3.46	30.67 -0.94 -3.83	31.57 -1.03 -3.89	29.62 -0.97 -3.75	28.39 -0.98 -3.65	28.60 -1.07 -3.62	28.51 -1.07 -3.59	27.96 -1.07 -3.54	28.16 -1.02 -3.56	30.05 -1.04 -3.74	31.89 -1.01 -3.93	39.11 -1.07 -4.63	39.80 -0.86 -4.78	41.04 -0.85 -5.03	43.75 -0.95 -5.22	39.28 -0.89 -4.65	35.29 -0.83 -4.25	32.53 -0.85 -3.98
NGRID_A1_DSASP 323792	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.85 -2.29 -0.42	23.84 -2.29 -0.09	23.82 -2.18 -0.02	23.48 -2.01 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.85 -3.77 -0.07	32.30 -4.20 -0.61	33.97 -4.17 -1.28	35.73 -4.50 -0.76	31.83 -3.73 -0.03	28.88 -3.00 0.00	26.76 -2.65 0.00
NGRID_A2_DSASP 323793	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.85 -2.29 -0.42	23.84 -2.29 -0.09	23.82 -2.18 -0.02	23.48 -2.01 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.85 -3.77 -0.07	32.30 -4.20 -0.61	33.97 -4.17 -1.28	35.73 -4.50 -0.76	31.83 -3.73 -0.03	28.88 -3.00 0.00	26.76 -2.65 0.00
NGRID_A4_DSASP 323807	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.85 -2.29 -0.42	23.84 -2.29 -0.09	23.82 -2.18 -0.02	23.48 -2.01 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.85 -3.77 -0.07	32.30 -4.20 -0.61	33.97 -4.17 -1.28	35.73 -4.50 -0.76	31.83 -3.73 -0.03	28.88 -3.00 0.00	26.76 -2.65 0.00
NIAGARA_115E_LBMP 323715	21.20 -2.32 -0.78	19.53 -2.06 -0.81	18.99 -2.12 -0.53	17.76 -1.99 -0.65	19.70 -2.17 -0.20	22.99 -2.61 -0.01	21.86 -2.28 -0.65	25.28 -2.67 -0.16	26.15 -2.56 0.00	24.57 -2.58 -0.32	23.70 -2.44 -0.42	23.66 -2.48 -0.09	23.69 -2.31 -0.02	23.33 -2.17 0.00	23.32 -2.31 0.00	24.61 -2.73 0.00	25.96 -3.04 -0.03	31.67 -3.95 -0.07	32.12 -4.38 -0.61	33.72 -4.42 -1.28	35.54 -4.70 -0.76	31.72 -3.84 -0.03	28.75 -3.12 0.00	26.64 -2.77 0.00
NIAGARA_115W_LBMP 323714	21.29 -2.23 -0.78	19.74 -1.85 -0.80	19.19 -1.91 -0.53	17.95 -1.80 -0.65	19.89 -1.97 -0.20	23.04 -2.56 -0.01	21.93 -2.21 -0.64	25.39 -2.56 -0.16	26.21 -2.50 0.00	24.65 -2.49 -0.32	23.80 -2.34 -0.42	23.77 -2.37 -0.09	23.74 -2.26 -0.02	23.41 -2.09 0.00	23.39 -2.23 0.00	24.66 -2.68 0.00	26.02 -2.98 -0.03	31.74 -3.87 -0.07	32.22 -4.27 -0.61	33.90 -4.24 -1.28	35.61 -4.62 -0.75	31.72 -3.84 -0.03	28.78 -3.09 0.00	26.67 -2.73 0.00
NIAGARA_230_LBMP 323716	21.48 -2.02 -0.77	19.81 -1.77 -0.79	19.25 -1.85 -0.52	18.02 -1.72 -0.64	19.98 -1.88 -0.20	23.32 -2.28 -0.01	22.15 -1.97 -0.64	25.64 -2.31 -0.16	26.47 -2.24 0.00	24.89 -2.25 -0.31	24.00 -2.13 -0.41	24.00 -2.14 -0.09	24.00 -2.00 -0.02	23.64 -1.86 0.00	23.62 -2.00 0.00	24.94 -2.41 0.00	26.31 -2.69 -0.03	32.10 -3.52 -0.07	32.58 -3.91 -0.60	34.21 -3.91 -1.26	36.00 -4.22 -0.74	32.11 -3.45 -0.03	29.10 -2.77 0.00	26.99 -2.41 0.00
NIAGARA___115KV_198_GIBSON 55903	21.29 -2.23 -0.78	19.74 -1.85 -0.80	19.19 -1.91 -0.53	17.95 -1.79 -0.65	19.89 -1.97 -0.20	23.04 -2.56 -0.01	21.93 -2.21 -0.64	25.39 -2.56 -0.16	26.21 -2.50 0.00	24.65 -2.50 -0.32	23.80 -2.34 -0.42	23.77 -2.37 -0.09	23.66 -2.34 -0.02	23.43 -2.07 0.00	23.39 -2.23 0.00	24.66 -2.68 0.00	26.02 -2.98 -0.03	31.78 -3.84 -0.07	32.22 -4.27 -0.61	33.90 -4.24 -1.28	35.57 -4.66 -0.75	31.47 -4.09 -0.03	28.75 -3.12 0.00	26.70 -2.71 0.00
NIAGARA___ 23760	21.49 -2.02 -0.78	19.82 -1.77 -0.80	19.25 -1.85 -0.53	18.03 -1.72 -0.65	19.98 -1.88 -0.20	23.32 -2.28 -0.01	22.16 -1.97 -0.64	25.64 -2.31 -0.16	26.47 -2.24 0.00	24.90 -2.25 -0.32	24.00 -2.13 -0.42	24.00 -2.14 -0.09	24.00 -2.00 -0.02	23.64 -1.86 0.00	23.62 -2.00 0.00	24.94 -2.41 0.00	26.31 -2.69 -0.03	32.10 -3.52 -0.07	32.58 -3.91 -0.60	34.22 -3.91 -1.27	36.01 -4.22 -0.75	32.11 -3.45 -0.03	29.10 -2.77 0.00	26.99 -2.41 0.00
NINE_MILE_1 23575	22.35 -0.70 -0.32	20.47 -0.64 -0.33	20.14 -0.66 -0.21	18.77 -0.59 -0.27	21.07 -0.67 -0.08	24.80 -0.79 0.00	23.03 -0.73 -0.26	27.02 -0.83 -0.07	27.85 -0.86 0.00	26.16 -0.80 -0.13	25.12 -0.77 -0.17	25.33 -0.76 -0.04	25.23 -0.75 -0.01	24.76 -0.74 0.00	24.88 -0.74 0.00	26.52 -0.82 0.00	28.09 -0.90 -0.01	34.51 -1.07 -0.03	35.02 -1.11 -0.25	36.24 -1.14 -0.52	38.56 -1.22 -0.31	34.43 -1.10 -0.01	30.89 -0.99 0.00	28.52 -0.88 0.00
NINE_MILE_2 23744	22.37 -0.68 -0.32	20.46 -0.64 -0.33	20.16 -0.64 -0.21	18.77 -0.59 -0.26	21.07 -0.67 -0.08	24.80 -0.79 0.00	23.02 -0.73 -0.26	27.02 -0.83 -0.06	27.85 -0.86 0.00	26.16 -0.80 -0.13	25.12 -0.77 -0.17	25.33 -0.76 -0.04	25.23 -0.75 -0.01	24.76 -0.74 0.00	24.88 -0.74 0.00	26.52 -0.82 0.00	28.09 -0.90 -0.01	34.51 -1.07 -0.03	35.02 -1.11 -0.25	36.23 -1.14 -0.52	38.56 -1.22 -0.31	34.47 -1.06 -0.01	30.92 -0.96 0.00	28.52 -0.88 0.00
NM_CAPITAL___DRP 24208	29.90 0.84 -6.32	28.08 0.79 -6.51	25.62 0.78 -4.26	25.08 0.71 -5.28	24.12 0.82 -1.64	26.65 1.00 -0.06	29.60 0.89 -5.21	30.14 1.06 -1.29	29.83 1.12 0.00	30.45 1.05 -2.57	30.10 1.00 -3.37	27.80 1.04 -0.71	27.18 1.04 -0.16	26.49 0.99 0.00	26.60 0.97 0.00	28.41 1.07 0.00	30.32 1.13 -0.21	37.38 1.28 -0.54	42.05 1.26 -4.91	48.55 1.33 -10.37	46.97 1.38 -6.11	37.07 1.28 -0.27	33.06 1.18 0.00	30.46 1.06 0.00

NM_CENTRAL___DRP 24181	22.90 -0.30 -0.46	20.96 -0.29 -0.47	20.58 -0.31 -0.31	19.19 -0.29 -0.38	21.48 -0.30 -0.12	25.26 -0.33 0.00	23.56 -0.31 -0.38	27.55 -0.33 -0.09	28.36 -0.34 0.00	26.70 -0.32 -0.19	25.66 -0.31 -0.24	25.81 -0.29 -0.05	25.71 -0.29 -0.01	25.24 -0.25 0.00	25.37 -0.26 0.00	27.04 -0.30 0.00	28.64 -0.35 -0.02	35.20 -0.39 -0.04	35.78 -0.47 -0.36	37.17 -0.44 -0.75	39.45 -0.47 -0.44	35.08 -0.46 -0.02	31.49 -0.38 0.00	29.05 -0.35 0.00
NM_FRONTIER___DRP 24179	21.29 -2.23 -0.78	19.74 -1.85 -0.80	19.19 -1.91 -0.53	17.95 -1.79 -0.65	19.89 -1.97 -0.20	23.04 -2.56 -0.01	21.93 -2.21 -0.64	25.39 -2.56 -0.16	26.21 -2.50 0.00	24.65 -2.50 -0.32	23.80 -2.34 -0.42	23.77 -2.37 -0.09	23.66 -2.34 -0.02	23.43 -2.07 0.00	23.39 -2.23 0.00	24.66 -2.68 0.00	26.02 -2.98 -0.03	31.78 -3.84 -0.07	32.22 -4.27 -0.61	33.90 -4.24 -1.28	35.57 -4.66 -0.75	31.47 -4.09 -0.03	28.75 -3.12 0.00	26.70 -2.71 0.00
NM_ST_REGIS___HYD 24053	21.83 -0.91 0.00	25.53 -0.77 -5.52	19.90 -0.68 0.00	18.44 -0.65 0.00	20.86 -0.80 0.00	31.31 -1.05 -6.77	30.78 -0.96 -8.25	35.94 -1.22 -9.38	37.02 -1.29 -9.61	34.77 -1.18 -9.12	33.33 -1.21 -8.81	33.67 -1.28 -8.90	33.54 -1.30 -8.86	32.93 -1.30 -8.74	33.18 -1.23 -8.78	35.30 -1.29 -9.24	37.39 -1.27 -9.69	45.48 -1.46 -11.39	46.22 -1.18 -11.52	47.45 -1.25 -11.84	50.69 -1.34 -12.56	45.73 -1.24 -11.45	41.11 -1.24 -10.48	38.06 -1.18 -9.83
NORTHPORT___1 23551	30.04 2.11 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.87 1.86 -1.34	27.77 2.12 -0.05	30.22 2.44 -4.29	31.46 2.61 -1.06	31.35 2.64 0.00	30.96 2.01 -2.11	30.21 1.72 -2.77	29.26 2.48 -0.74	28.73 2.44 -0.30	28.09 2.34 -0.25	28.28 2.36 -0.31	30.24 2.71 -0.19	32.10 2.81 -0.32	39.51 3.52 -0.44	42.68 2.76 -4.03	48.09 2.73 -8.51	47.38 2.88 -5.02	39.08 3.34 -0.22	34.68 2.81 0.00	31.64 2.23 0.00
NORTHPORT___2 23552	30.04 2.11 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.87 1.86 -1.34	27.77 2.12 -0.05	30.22 2.44 -4.29	31.46 2.61 -1.06	31.35 2.64 0.00	30.96 2.01 -2.11	30.21 1.72 -2.77	29.26 2.48 -0.74	28.73 2.44 -0.30	28.09 2.34 -0.25	28.28 2.36 -0.31	30.24 2.71 -0.19	32.10 2.81 -0.32	39.51 3.52 -0.44	42.68 2.76 -4.03	48.09 2.73 -8.51	47.38 2.88 -5.02	39.08 3.34 -0.22	34.68 2.81 0.00	31.64 2.23 0.00
NORTHPORT___3 23553	30.09 2.16 -5.19	27.95 1.83 -5.34	25.86 1.79 -3.49	25.09 1.66 -4.33	24.91 1.91 -1.34	27.87 2.23 -0.05	30.32 2.54 -4.29	31.58 2.72 -1.06	31.44 2.73 0.00	31.15 2.20 -2.11	30.42 1.93 -2.77	29.50 2.71 -0.74	28.99 2.70 -0.31	28.38 2.63 -0.26	28.57 2.64 -0.31	30.40 2.87 -0.19	32.31 3.01 -0.32	39.62 3.63 -0.44	42.50 2.59 -4.03	47.91 2.54 -8.51	47.22 2.72 -5.02	39.12 3.38 -0.22	34.84 2.96 0.00	31.84 2.44 0.00
NORTHPORT___4 23650	30.09 2.16 -5.19	27.95 1.83 -5.34	25.86 1.79 -3.49	25.09 1.66 -4.33	24.91 1.91 -1.34	27.87 2.23 -0.05	30.32 2.54 -4.29	31.58 2.72 -1.06	31.44 2.73 0.00	31.15 2.20 -2.11	30.42 1.93 -2.77	29.50 2.71 -0.74	28.99 2.70 -0.31	28.38 2.63 -0.26	28.57 2.64 -0.31	30.40 2.87 -0.19	32.31 3.01 -0.32	39.62 3.63 -0.44	42.50 2.59 -4.03	47.91 2.54 -8.51	47.22 2.72 -5.02	39.12 3.38 -0.22	34.84 2.96 0.00	31.84 2.44 0.00
NORTHPORT___IC 23718	29.97 2.05 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.03 1.60 -4.33	24.87 1.86 -1.34	27.77 2.12 -0.05	30.22 2.44 -4.29	31.49 2.64 -1.06	31.35 2.64 0.00	30.96 2.01 -2.11	30.57 2.08 -2.77	29.26 2.47 -0.74	28.73 2.44 -0.30	28.10 2.35 -0.25	28.29 2.36 -0.31	30.23 2.71 -0.19	32.07 2.78 -0.32	39.51 3.52 -0.44	42.68 2.76 -4.03	48.09 2.73 -8.51	47.61 3.12 -5.02	39.08 3.34 -0.22	34.71 2.84 0.00	31.76 2.35 0.00
NORTH___COUNTRY_ESR 323785	21.64 -1.09 0.00	-1.42 -0.98 21.22	19.84 -0.74 0.00	18.39 -0.71 0.00	20.75 -0.91 0.00	-1.74 -1.30 26.03	-9.37 -1.15 31.71	-9.73 -1.45 36.07	-9.76 -1.52 36.95	-9.62 -1.37 35.09	-9.53 -1.36 33.89	-9.59 -1.41 34.23	-9.57 -1.48 34.07	-9.54 -1.43 33.60	-9.58 -1.41 33.79	-9.69 -1.48 35.55	-9.82 -1.51 37.28	-10.00 -1.74 43.81	-10.00 -1.58 44.31	-10.30 -1.62 45.53	-10.54 -1.74 48.28	-10.19 -1.67 44.04	-9.95 -1.53 40.30	-9.86 -1.47 37.79
NPX_GEN_1385_PROXY 323591	30.01 2.09 -5.19	27.89 1.77 -5.34	25.80 1.73 -3.49	25.07 1.64 -4.33	24.87 1.86 -1.34	26.04 2.12 1.68	31.95 2.44 -6.02	31.46 2.61 -1.06	31.35 2.64 0.00	30.85 1.91 -2.11	30.29 1.80 -2.77	29.34 2.55 -0.74	28.70 2.42 -0.30	27.92 2.17 -0.25	28.08 2.15 -0.31	29.96 2.43 -0.19	31.67 2.38 -0.32	39.33 3.34 -0.44	42.61 2.69 -4.03	47.98 2.62 -8.51	47.26 2.76 -5.02	39.08 3.34 -0.22	34.68 2.81 0.00	31.43 2.03 0.00
NPX_GEN_CSC 323557	30.20 2.27 -5.19	28.06 1.93 -5.34	25.97 1.89 -3.49	25.18 1.76 -4.33	25.04 2.04 -1.34	26.22 2.30 1.68	32.10 2.58 -6.02	31.66 2.81 -1.06	31.55 2.84 0.00	30.77 1.83 -2.11	29.67 1.18 -2.77	28.69 1.90 -0.74	28.16 1.87 -0.31	27.59 1.84 -0.26	27.81 1.87 -0.32	30.32 2.79 -0.19	32.22 2.93 -0.32	39.73 3.73 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.42 2.92 -5.02	39.33 3.59 -0.22	34.65 2.77 0.00	31.52 2.12 0.00
NSINS_S___GLNS_FALLS 23858	30.65 1.41 -6.50	28.76 1.29 -6.69	26.21 1.26 -4.38	25.65 1.13 -5.43	24.75 1.41 -1.68	27.37 1.71 -0.06	30.43 1.57 -5.36	30.95 1.83 -1.33	30.66 1.95 0.00	31.38 1.91 -2.65	31.00 1.80 -3.47	28.45 1.67 -0.73	27.81 1.66 -0.17	27.15 1.66 0.00	27.29 1.67 0.00	29.28 1.94 0.00	31.37 2.17 -0.22	38.56 2.45 -0.56	43.38 2.44 -5.05	50.10 2.58 -10.66	48.49 2.72 -6.28	38.18 2.38 -0.28	33.92 2.04 0.00	31.26 1.85 0.00
NUCOR_STEEL___DRP 24197	23.23 -0.14 -0.63	21.28 -0.15 -0.65	20.84 -0.16 -0.42	19.47 -0.15 -0.52	21.67 -0.15 -0.16	25.47 -0.13 -0.01	23.87 -0.14 -0.52	27.78 -0.14 -0.13	28.59 -0.11 0.00	26.95 -0.13 -0.26	25.93 -0.13 -0.34	25.99 -0.13 -0.07	25.87 -0.13 -0.02	25.42 -0.08 0.00	25.54 -0.08 0.00	27.23 -0.11 0.00	28.88 -0.12 -0.02	35.50 -0.11 -0.05	36.23 -0.14 -0.49	37.74 -0.15 -1.03	39.97 -0.12 -0.61	35.44 -0.11 -0.03	31.78 -0.10 0.00	29.32 -0.09 0.00
NUMBER_THREE_WT_PWR 323818	22.66 -0.27 -0.19	21.69 -0.27 -1.18	20.42 -0.29 -0.13	18.99 -0.27 -0.16	21.43 -0.28 -0.05	26.49 -0.31 -1.20	24.76 -0.35 -1.62	29.05 -0.45 -1.70	29.89 -0.52 -1.70	28.05 -0.48 -1.70	26.90 -0.49 -1.66	27.05 -0.60 -1.60	26.96 -0.60 -1.58	26.41 -0.64 -1.55	26.62 -0.56 -1.56	28.46 -0.52 -1.64	30.21 -0.49 -1.73	37.20 -0.39 -2.04	37.87 -0.21 -2.19	39.13 -0.15 -2.41	41.69 -0.20 -2.41	37.31 -0.25 -2.04	33.51 -0.22 -1.86	30.82 -0.32 -1.74
NYISO_LBMP_REFERENCE 24008	22.73 0.00 0.00	20.78 0.00 0.00	20.58 0.00 0.00	19.09 0.00 0.00	21.66 0.00 0.00	25.59 0.00 0.00	23.49 0.00 0.00	27.79 0.00 0.00	28.71 0.00 0.00	26.83 0.00 0.00	25.72 0.00 0.00	26.05 0.00 0.00	25.98 0.00 0.00	25.50 0.00 0.00	25.62 0.00 0.00	27.34 0.00 0.00	28.97 0.00 0.00	35.55 0.00 0.00	35.89 0.00 0.00	36.86 0.00 0.00	39.48 0.00 0.00	35.52 0.00 0.00	31.88 0.00 0.00	29.40 0.00 0.00

NYPA_BRENTWD____GT 24164	30.24 2.32 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.04 2.04 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.17 2.23 -2.11	30.37 1.88 -2.77	29.43 2.63 -0.75	28.92 2.62 -0.32	28.32 2.55 -0.27	28.51 2.56 -0.33	30.52 2.98 -0.20	32.43 3.13 -0.33	39.94 3.95 -0.44	43.04 3.12 -4.03	48.46 3.10 -8.51	47.81 3.32 -5.02	39.51 3.76 -0.22	35.03 3.16 0.00	31.93 2.53 0.00
NYPA_GOWANUS____GT5 24156	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NYPA_GOWANUS____GT6 24157	40.38 2.20 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.35 2.90 -8.75	40.74 2.74 -11.17	41.24 2.55 -12.97	41.95 2.48 -13.43	42.79 2.52 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.63 3.63 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.81 3.87 -21.46	44.03 3.63 -4.88	41.55 3.13 -6.55	40.84 2.74 -8.70
NYPA_HARLEM__RVR__GT1 24160	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.97 1.95 -1.35	27.96 2.30 -0.06	29.96 2.19 -4.29	31.53 2.67 -1.07	31.41 2.70 0.00	31.50 2.55 -2.12	30.50 1.93 -2.85	32.43 2.24 -4.14	32.29 2.26 -4.05	33.44 2.22 -5.73	34.72 2.20 -6.89	34.01 2.43 -4.24	35.07 2.61 -3.48	38.92 2.85 -0.53	43.33 3.41 -4.03	48.91 3.54 -8.51	48.29 3.79 -5.02	39.30 3.55 -0.23	34.78 2.90 -0.01	32.23 2.82 -0.01
NYPA_HARLEM__RVR__GT2 24161	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.97 1.95 -1.35	27.96 2.30 -0.06	29.96 2.19 -4.29	31.53 2.67 -1.07	31.41 2.70 0.00	31.50 2.55 -2.12	30.50 1.93 -2.85	32.43 2.24 -4.14	32.29 2.26 -4.05	33.44 2.22 -5.73	34.72 2.20 -6.89	34.01 2.43 -4.24	35.07 2.61 -3.48	38.92 2.85 -0.53	43.33 3.41 -4.03	48.91 3.54 -8.51	48.29 3.79 -5.02	39.30 3.55 -0.23	34.78 2.90 -0.01	32.23 2.82 -0.01
NYPA_KENT____GT 24152	30.07 2.14 -5.20	28.03 1.89 -5.35	25.96 1.87 -3.51	25.19 1.76 -4.34	25.01 1.99 -1.35	28.03 2.38 -0.06	30.03 2.26 -4.29	31.53 2.67 -1.07	44.01 2.81 -12.49	31.59 2.63 -2.12	41.04 2.42 -12.90	37.94 2.42 -9.47	38.35 2.44 -9.92	39.05 2.40 -11.16	39.74 2.41 -11.71	39.85 2.65 -9.85	40.26 2.84 -8.44	44.37 3.45 -5.37	49.99 3.45 -10.65	54.10 3.46 -13.78	57.77 3.71 -14.58	43.88 3.48 -4.88	41.42 3.00 -6.55	40.77 2.68 -8.70
NYPA_POUCH1____GT 24155	40.31 2.14 -15.44	28.05 1.91 -5.36	25.98 1.89 -3.51	25.21 1.78 -4.34	25.03 2.01 -1.35	28.06 2.40 -0.06	30.08 2.30 -4.29	40.32 2.72 -9.81	40.33 2.87 -8.75	40.71 2.71 -11.17	41.19 2.49 -12.97	41.82 2.35 -13.43	42.66 2.39 -14.29	43.01 2.32 -15.19	43.23 2.33 -15.28	43.97 2.60 -14.03	43.88 2.78 -12.13	44.52 3.52 -5.45	50.03 3.48 -10.66	57.55 3.50 -17.19	64.69 3.75 -21.46	43.99 3.59 -4.88	41.49 3.06 -6.55	40.75 2.65 -8.70
NYPA_VERNON____GT2 24162	30.00 2.07 -5.20	27.96 1.83 -5.35	25.89 1.81 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.94 2.16 -4.29	31.41 2.55 -1.07	30.12 2.70 1.29	31.45 2.50 -2.12	30.92 2.32 -2.88	33.93 2.37 -5.51	33.93 2.39 -5.56	34.97 2.34 -7.13	36.08 2.33 -8.13	35.62 2.60 -5.68	36.49 2.75 -4.76	39.42 3.31 -0.56	43.22 3.30 -4.03	48.69 3.32 -8.51	48.09 3.59 -5.02	39.06 3.30 -0.23	34.75 2.87 -0.01	32.00 2.59 -0.01
NYPA_VERNON____GT3 24163	30.00 2.07 -5.20	27.96 1.83 -5.35	25.89 1.81 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.94 2.16 -4.29	31.41 2.55 -1.07	30.12 2.70 1.29	31.45 2.50 -2.12	30.92 2.32 -2.88	33.93 2.37 -5.51	33.93 2.39 -5.56	34.97 2.34 -7.13	36.08 2.33 -8.13	35.62 2.60 -5.68	36.49 2.75 -4.76	39.42 3.31 -0.56	43.22 3.30 -4.03	48.69 3.32 -8.51	48.09 3.59 -5.02	39.06 3.30 -0.23	34.75 2.87 -0.01	32.00 2.59 -0.01
NYPA__ASTORIA_CC1 323568	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.96 2.30 -0.06	29.92 2.14 -4.29	31.41 2.55 -1.07	31.38 2.67 0.00	31.45 2.50 -2.12	30.84 2.26 -2.85	32.54 2.35 -4.15	32.40 2.36 -4.06	33.53 2.30 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.70 -3.49	39.32 3.23 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	39.02 3.27 -0.23	34.72 2.84 -0.01	32.00 2.59 -0.01
NYPA__ASTORIA_CC2 323569	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.96 2.30 -0.06	29.92 2.14 -4.29	31.41 2.55 -1.07	31.38 2.67 0.00	31.45 2.50 -2.12	30.84 2.26 -2.85	32.54 2.35 -4.15	32.40 2.36 -4.06	33.53 2.30 -5.74	34.83 2.31 -6.90	34.13 2.54 -4.25	35.16 2.70 -3.49	39.32 3.23 -0.54	43.19 3.27 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	39.02 3.27 -0.23	34.72 2.84 -0.01	32.00 2.59 -0.01
NYPA__HOLTSVILL 23794	30.18 2.25 -5.19	28.00 1.87 -5.34	25.93 1.85 -3.49	25.13 1.70 -4.33	24.98 1.97 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.60 2.75 -1.06	31.49 2.78 0.00	30.98 2.04 -2.11	30.11 1.62 -2.77	29.16 2.37 -0.74	28.65 2.36 -0.31	28.05 2.30 -0.26	28.24 2.31 -0.32	30.38 2.84 -0.19	32.28 2.98 -0.32	39.76 3.77 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.58 3.08 -5.02	39.33 3.59 -0.22	34.81 2.93 0.00	31.73 2.32 0.00
NYPA__HELLGATE_GT1 24158	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.97 1.95 -1.35	27.96 2.30 -0.06	29.96 2.19 -4.29	31.53 2.67 -1.07	31.41 2.70 0.00	31.50 2.55 -2.12	30.50 1.93 -2.85	32.43 2.24 -4.14	32.29 2.26 -4.05	33.44 2.22 -5.73	34.72 2.20 -6.89	34.01 2.43 -4.24	35.07 2.61 -3.48	38.92 2.85 -0.53	43.33 3.41 -4.03	48.91 3.54 -8.51	48.29 3.79 -5.02	39.30 3.55 -0.23	34.78 2.90 -0.01	32.23 2.82 -0.01
NYPA__HELLGATE_GT2 24159	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.97 1.95 -1.35	27.96 2.30 -0.06	29.96 2.19 -4.29	31.53 2.67 -1.07	31.41 2.70 0.00	31.50 2.55 -2.12	30.50 1.93 -2.85	32.43 2.24 -4.14	32.29 2.26 -4.05	33.44 2.22 -5.73	34.72 2.20 -6.89	34.01 2.43 -4.24	35.07 2.61 -3.48	38.92 2.85 -0.53	43.33 3.41 -4.03	48.91 3.54 -8.51	48.29 3.79 -5.02	39.30 3.55 -0.23	34.78 2.90 -0.01	32.23 2.82 -0.01
NYS_BARGE__HYD 23848	21.47 -2.02 -0.76	19.80 -1.77 -0.79	19.24 -1.85 -0.51	17.99 -1.74 -0.64	19.98 -1.88 -0.20	23.35 -2.25 -0.01	22.12 -2.00 -0.63	25.64 -2.31 -0.16	26.55 -2.15 0.00	24.92 -2.23 -0.31	24.02 -2.11 -0.41	24.00 -2.14 -0.09	24.05 -1.95 -0.02	23.69 -1.81 0.00	23.67 -1.95 0.00	25.02 -2.32 0.00	26.39 -2.61 -0.03	32.17 -3.45 -0.07	32.64 -3.84 -0.59	34.31 -3.80 -1.25	36.15 -4.07 -0.74	32.29 -3.27 -0.03	29.23 -2.65 0.00	27.08 -2.32 0.00

OAK ORCHARD___HYD 24046	22.43 -0.93 -0.63	20.60 -0.83 -0.65	20.10 -0.91 -0.42	18.76 -0.86 -0.53	20.94 -0.89 -0.16	24.45 -1.15 -0.01	23.07 -0.94 -0.52	26.86 -1.06 -0.13	27.59 -1.12 0.00	26.07 -1.02 -0.26	25.16 -0.90 -0.34	25.23 -0.89 -0.07	25.06 -0.93 -0.02	24.63 -0.87 0.00	24.70 -0.92 0.00	26.19 -1.15 0.00	27.72 -1.27 -0.02	34.11 -1.49 -0.05	34.66 -1.72 -0.49	36.19 -1.69 -1.03	38.31 -1.78 -0.61	33.92 -1.63 -0.03	30.54 -1.34 0.00	28.20 -1.21 0.00
OAKDALE___35_KV_LOAD 356122	24.18 -0.20 -1.65	22.29 -0.19 -1.70	21.46 -0.23 -1.11	20.26 -0.21 -1.38	21.87 -0.22 -0.43	25.51 -0.10 -0.02	24.66 -0.19 -1.36	27.93 -0.19 -0.34	28.62 -0.09 0.00	27.29 -0.21 -0.67	26.37 -0.23 -0.88	26.03 -0.21 -0.19	25.92 -0.10 -0.04	25.45 -0.05 0.00	25.54 -0.08 0.00	27.21 -0.14 0.00	28.86 -0.17 -0.06	35.37 -0.32 -0.14	36.77 -0.39 -1.28	39.19 -0.37 -2.70	40.68 -0.39 -1.59	35.34 -0.25 -0.07	31.75 -0.13 0.00	29.37 -0.03 0.00
OCC_CHEM___DRP 24175	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.88 -2.26 -0.42	23.84 -2.29 -0.09	23.71 -2.29 -0.02	23.51 -1.99 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.89 -3.73 -0.07	32.30 -4.20 -0.61	33.97 -4.16 -1.28	35.69 -4.54 -0.76	31.58 -3.98 -0.03	28.82 -3.06 0.00	26.76 -2.65 0.00
OH_GEN_PROXY 24063	21.53 -1.98 -0.77	19.83 -1.75 -0.80	19.29 -1.81 -0.52	18.04 -1.70 -0.65	20.02 -1.84 -0.20	21.64 -2.23 1.72	23.91 -1.95 -2.37	25.70 -2.25 -0.16	26.52 -2.18 0.00	24.92 -2.23 -0.31	24.05 -2.08 -0.41	24.05 -2.08 -0.09	24.05 -1.95 -0.02	23.69 -1.81 0.00	23.67 -1.95 0.00	24.99 -2.35 0.00	26.36 -2.64 -0.03	32.17 -3.45 -0.07	32.65 -3.84 -0.60	34.33 -3.80 -1.27	36.12 -4.11 -0.75	32.18 -3.38 -0.03	29.17 -2.71 0.00	27.05 -2.35 0.00
OLIN_CORP_DRP 24177	21.25 -2.27 -0.79	19.60 -2.00 -0.81	19.03 -2.08 -0.53	17.82 -1.93 -0.66	19.74 -2.12 -0.20	23.04 -2.56 -0.01	21.91 -2.23 -0.65	25.37 -2.58 -0.16	26.21 -2.50 0.00	24.63 -2.52 -0.32	23.78 -2.37 -0.42	23.71 -2.42 -0.09	23.66 -2.34 -0.02	23.43 -2.07 0.00	23.39 -2.23 0.00	24.69 -2.65 0.00	26.04 -2.96 -0.03	31.78 -3.84 -0.07	32.23 -4.27 -0.61	33.84 -4.31 -1.29	35.62 -4.62 -0.76	31.51 -4.05 -0.03	28.78 -3.09 0.00	26.73 -2.68 0.00
OLIN_CORP_DSASP 323712	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.85 -2.29 -0.42	23.84 -2.29 -0.09	23.82 -2.18 -0.02	23.48 -2.01 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.85 -3.77 -0.07	32.30 -4.20 -0.61	33.97 -4.17 -1.28	35.73 -4.50 -0.76	31.83 -3.73 -0.03	28.88 -3.00 0.00	26.76 -2.65 0.00
ONEIDA_HERK_LFGE 323681	23.04 0.14 -0.17	21.53 0.10 -0.64	20.78 0.08 -0.11	19.31 0.08 -0.14	21.82 0.11 -0.04	26.34 0.18 -0.57	24.42 0.09 -0.83	28.75 0.14 -0.82	29.63 0.12 -0.80	27.77 0.11 -0.83	26.66 0.10 -0.83	26.84 0.03 -0.76	26.78 0.05 -0.75	26.23 0.00 -0.73	26.41 0.05 -0.74	28.23 0.11 -0.77	29.94 0.15 -0.82	36.80 0.28 -0.97	37.34 0.36 -1.10	38.54 0.41 -1.27	41.09 0.39 -1.22	36.84 0.36 -0.97	33.04 0.29 -0.88	30.43 0.21 -0.82
ONEIDA___115KV_TB4 55905	23.38 0.34 -0.31	21.39 0.29 -0.32	21.05 0.27 -0.21	19.60 0.25 -0.26	22.05 0.30 -0.08	26.03 0.44 0.00	24.07 0.33 -0.25	28.27 0.42 -0.06	29.14 0.43 0.00	27.33 0.38 -0.12	26.25 0.36 -0.16	26.40 0.31 -0.03	26.33 0.34 -0.01	25.80 0.31 0.00	25.98 0.36 0.00	27.75 0.41 0.00	29.42 0.43 -0.01	36.22 0.64 -0.03	36.77 0.65 -0.24	38.06 0.70 -0.50	40.53 0.75 -0.30	36.18 0.64 -0.01	32.45 0.57 0.00	29.87 0.47 0.00
ONONDAGA_REF_OCCRA 23987	23.07 -0.23 -0.57	21.14 -0.23 -0.58	20.71 -0.25 -0.38	19.34 -0.23 -0.47	21.57 -0.24 -0.15	25.34 -0.26 -0.01	23.72 -0.23 -0.47	27.65 -0.25 -0.12	28.45 -0.26 0.00	26.79 -0.27 -0.23	25.79 -0.23 -0.30	25.90 -0.21 -0.06	25.79 -0.21 -0.01	25.32 -0.18 0.00	25.44 -0.18 0.00	27.12 -0.22 0.00	28.76 -0.23 -0.02	35.32 -0.28 -0.05	36.00 -0.32 -0.44	37.45 -0.33 -0.93	39.71 -0.32 -0.55	35.23 -0.32 -0.02	31.62 -0.26 0.00	29.17 -0.24 0.00
ONONDAGA___COGEN 23986	23.05 -0.20 -0.52	21.12 -0.21 -0.54	20.71 -0.23 -0.35	19.34 -0.19 -0.44	21.58 -0.22 -0.14	25.37 -0.23 -0.01	23.71 -0.21 -0.43	27.67 -0.22 -0.11	28.48 -0.23 0.00	26.83 -0.21 -0.21	25.80 -0.21 -0.28	25.93 -0.18 -0.06	25.81 -0.18 -0.01	25.34 -0.15 0.00	25.47 -0.15 0.00	27.15 -0.19 0.00	28.79 -0.20 -0.02	35.35 -0.25 -0.05	36.01 -0.29 -0.41	37.42 -0.29 -0.86	39.67 -0.32 -0.51	35.26 -0.28 -0.02	31.62 -0.26 0.00	29.17 -0.24 0.00
ONTARIO___LFGE 23819	23.00 -0.48 -0.74	21.09 -0.46 -0.77	20.59 -0.49 -0.50	19.26 -0.46 -0.62	21.38 -0.48 -0.19	25.14 -0.46 -0.01	23.64 -0.47 -0.61	27.44 -0.50 -0.15	28.25 -0.46 0.00	26.60 -0.54 -0.30	25.61 -0.51 -0.40	25.61 -0.52 -0.08	25.56 -0.44 -0.02	25.11 -0.38 0.00	25.21 -0.41 0.00	26.85 -0.49 0.00	28.45 -0.55 -0.03	34.98 -0.64 -0.06	35.75 -0.72 -0.58	37.42 -0.66 -1.22	39.53 -0.67 -0.72	35.09 -0.46 -0.03	31.46 -0.42 0.00	29.05 -0.35 0.00
ORANGEVILLE_WT_PWR 323706	21.63 -2.05 -0.94	19.93 -1.83 -0.97	19.30 -1.91 -0.64	18.11 -1.78 -0.79	19.98 -1.93 -0.24	23.50 -2.10 -0.01	22.25 -2.02 -0.78	25.70 -2.28 -0.19	26.61 -2.09 0.00	24.99 -2.23 -0.38	24.07 -2.16 -0.50	23.97 -2.19 -0.11	24.08 -1.92 -0.02	23.74 -1.76 0.00	23.80 -1.82 0.00	25.21 -2.13 0.00	26.63 -2.38 -0.03	32.40 -3.23 -0.08	33.14 -3.48 -0.73	35.05 -3.35 -1.55	36.96 -3.43 -0.91	33.04 -2.52 -0.04	29.80 -2.07 0.00	27.64 -1.76 0.00
ORANGEVILLE___ESR 323794	21.63 -2.05 -0.94	19.93 -1.83 -0.97	19.30 -1.91 -0.64	18.11 -1.78 -0.79	19.98 -1.93 -0.24	23.50 -2.10 -0.01	22.25 -2.02 -0.78	25.70 -2.28 -0.19	26.61 -2.09 0.00	24.99 -2.23 -0.38	24.07 -2.16 -0.50	23.97 -2.19 -0.11	24.08 -1.92 -0.02	23.74 -1.76 0.00	23.80 -1.82 0.00	25.21 -2.13 0.00	26.63 -2.38 -0.03	32.40 -3.23 -0.08	33.14 -3.48 -0.73	35.05 -3.35 -1.55	36.96 -3.43 -0.91	33.04 -2.52 -0.04	29.80 -2.07 0.00	27.64 -1.76 0.00
OSWEGATCHIE___HYD 24044	22.22 -0.66 -0.14	22.56 -0.60 -2.38	20.08 -0.60 -0.09	18.66 -0.55 -0.12	21.07 -0.63 -0.04	27.57 -0.77 -2.74	26.20 -0.75 -3.46	30.67 -0.94 -3.83	31.57 -1.03 -3.89	29.62 -0.96 -3.75	28.39 -0.98 -3.65	28.60 -1.07 -3.62	28.48 -1.09 -3.59	27.97 -1.07 -3.54	28.15 -1.03 -3.56	30.05 -1.04 -3.74	31.89 -1.01 -3.93	39.11 -1.07 -4.63	39.80 -0.86 -4.78	41.04 -0.85 -5.03	43.75 -0.95 -5.22	39.25 -0.92 -4.65	35.29 -0.83 -4.25	32.53 -0.85 -3.98
OSWEGO___5 23606	22.56 -0.55 -0.37	20.64 -0.52 -0.38	20.29 -0.54 -0.25	18.92 -0.48 -0.31	21.22 -0.54 -0.10	24.96 -0.64 0.00	23.21 -0.59 -0.30	27.20 -0.67 -0.08	28.02 -0.69 0.00	26.34 -0.64 -0.15	25.30 -0.62 -0.20	25.49 -0.60 -0.04	25.39 -0.60 -0.01	24.91 -0.59 0.00	25.03 -0.59 0.00	26.69 -0.66 0.00	28.29 -0.70 -0.01	34.73 -0.85 -0.03	35.28 -0.90 -0.29	36.54 -0.92 -0.60	38.85 -0.99 -0.36	34.69 -0.85 -0.02	31.11 -0.77 0.00	28.70 -0.71 0.00

OSWEGO___6 23613	22.56 -0.55 -0.37	20.64 -0.52 -0.38	20.29 -0.54 -0.25	18.92 -0.48 -0.31	21.22 -0.54 -0.10	24.96 -0.64 0.00	23.21 -0.59 -0.30	27.20 -0.67 -0.08	28.02 -0.69 0.00	26.34 -0.64 -0.15	25.30 -0.62 -0.20	25.49 -0.60 -0.04	25.39 -0.60 -0.01	24.91 -0.59 0.00	25.03 -0.59 0.00	26.69 -0.66 0.00	28.29 -0.70 -0.01	34.73 -0.85 -0.03	35.28 -0.90 -0.29	36.54 -0.92 -0.60	38.85 -0.99 -0.36	34.69 -0.85 -0.02	31.11 -0.77 0.00	28.70 -0.71 0.00
OUTOKUMPU-AB___DRP 24206	21.60 -1.93 -0.80	19.96 -1.64 -0.82	19.39 -1.73 -0.54	18.14 -1.62 -0.66	20.11 -1.75 -0.21	23.48 -2.12 -0.01	22.25 -1.90 -0.66	25.78 -2.17 -0.16	26.76 -1.95 0.00	25.09 -2.07 -0.32	24.17 -1.98 -0.42	24.13 -2.01 -0.09	24.13 -1.87 -0.02	23.92 -1.58 0.00	23.85 -1.77 0.00	25.21 -2.13 0.00	26.60 -2.40 -0.03	32.38 -3.24 -0.07	32.85 -3.66 -0.62	34.59 -3.58 -1.31	36.34 -3.91 -0.77	32.18 -3.37 -0.03	29.42 -2.45 0.00	27.29 -2.12 0.00
OXBOW___BTM 323836	21.46 -2.07 -0.79	19.85 -1.75 -0.81	19.30 -1.81 -0.53	18.05 -1.70 -0.66	20.00 -1.86 -0.20	23.27 -2.33 -0.01	22.10 -2.04 -0.65	25.62 -2.33 -0.16	26.50 -2.21 0.00	24.90 -2.25 -0.32	24.01 -2.13 -0.42	23.98 -2.16 -0.09	24.00 -2.00 -0.02	23.66 -1.84 0.00	23.65 -1.97 0.00	24.96 -2.38 0.00	26.34 -2.67 -0.03	32.10 -3.52 -0.07	32.55 -3.95 -0.61	34.24 -3.91 -1.29	36.02 -4.22 -0.76	32.15 -3.41 -0.03	29.13 -2.74 0.00	26.99 -2.41 0.00
OXBOW____ 24026	21.45 -2.07 -0.79	19.85 -1.75 -0.81	19.30 -1.81 -0.53	18.05 -1.70 -0.66	20.00 -1.86 -0.20	23.27 -2.33 -0.01	22.10 -2.04 -0.65	25.62 -2.33 -0.16	26.50 -2.21 0.00	24.90 -2.25 -0.32	24.01 -2.14 -0.42	23.98 -2.16 -0.09	23.92 -2.08 -0.02	23.69 -1.81 0.00	23.65 -1.97 0.00	24.96 -2.38 0.00	26.33 -2.67 -0.03	32.14 -3.48 -0.07	32.55 -3.95 -0.61	34.24 -3.91 -1.29	35.98 -4.26 -0.76	31.86 -3.69 -0.03	29.10 -2.77 0.00	26.99 -2.41 0.00
OXY_CHEM_DSASP 323612	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.88 -2.26 -0.42	23.84 -2.29 -0.09	23.71 -2.29 -0.02	23.51 -1.99 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.89 -3.73 -0.07	32.30 -4.20 -0.61	33.97 -4.16 -1.28	35.69 -4.54 -0.76	31.58 -3.98 -0.03	28.82 -3.06 0.00	26.76 -2.65 0.00
OZONE_PARK_ESR 323760	30.01 2.09 -5.19	27.97 1.85 -5.34	25.91 1.83 -3.49	25.14 1.72 -4.33	24.96 1.95 -1.34	27.97 2.33 -0.05	29.96 2.18 -4.28	31.46 2.61 -1.06	31.43 2.73 0.00	31.47 2.52 -2.11	31.03 2.47 -2.84	32.09 2.53 -3.51	31.88 2.55 -3.35	32.73 2.52 -4.71	33.82 2.54 -5.67	33.59 2.76 -3.49	34.80 2.93 -2.90	39.59 3.52 -0.52	43.32 3.41 -4.02	48.84 3.46 -8.51	48.20 3.71 -5.01	39.05 3.30 -0.22	34.84 2.96 0.00	32.05 2.65 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.88 -2.26 -0.42	23.84 -2.29 -0.09	23.71 -2.29 -0.02	23.51 -1.99 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.89 -3.73 -0.07	32.30 -4.20 -0.61	33.97 -4.16 -1.28	35.69 -4.54 -0.76	31.58 -3.98 -0.03	28.82 -3.06 0.00	26.76 -2.65 0.00
PACKARD__115KV_DUPONT_184 80571	21.33 -2.18 -0.78	19.78 -1.81 -0.80	19.23 -1.87 -0.53	17.99 -1.76 -0.65	19.94 -1.93 -0.20	23.12 -2.48 -0.01	22.00 -2.14 -0.64	25.48 -2.47 -0.16	26.30 -2.41 0.00	24.74 -2.41 -0.32	23.88 -2.26 -0.42	23.84 -2.29 -0.09	23.71 -2.29 -0.02	23.51 -1.99 0.00	23.44 -2.18 0.00	24.74 -2.60 0.00	26.10 -2.90 -0.03	31.89 -3.73 -0.07	32.30 -4.20 -0.61	33.97 -4.16 -1.28	35.69 -4.54 -0.76	31.58 -3.98 -0.03	28.82 -3.06 0.00	26.76 -2.65 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	30.00 2.07 -5.20	27.98 1.85 -5.35	25.85 1.77 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.94 2.16 -4.29	31.44 2.58 -1.07	31.38 2.67 0.00	31.39 2.44 -2.12	30.82 2.24 -2.85	32.44 2.24 -4.15	32.30 2.26 -4.06	33.45 2.22 -5.74	34.73 2.20 -6.90	34.05 2.46 -4.25	35.07 2.61 -3.49	39.25 3.16 -0.54	43.26 3.34 -4.03	48.84 3.46 -8.51	48.21 3.71 -5.02	38.98 3.23 -0.23	34.78 2.90 -0.01	32.06 2.65 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	30.05 2.11 -5.20	28.04 1.91 -5.35	25.91 1.83 -3.50	25.19 1.76 -4.34	25.03 2.01 -1.35	28.06 2.41 -0.06	30.03 2.26 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.49 2.29 -4.15	32.32 2.29 -4.06	33.48 2.24 -5.74	34.78 2.25 -6.90	34.08 2.49 -4.25	35.13 2.67 -3.49	39.32 3.24 -0.54	43.33 3.41 -4.03	48.91 3.54 -8.51	48.33 3.83 -5.02	39.09 3.34 -0.23	34.88 3.00 -0.01	32.18 2.76 -0.01
PATROON__115KV_TB1 80586	29.89 0.80 -6.36	28.08 0.75 -6.55	25.60 0.74 -4.28	25.07 0.67 -5.31	24.09 0.78 -1.65	26.60 0.95 -0.06	29.58 0.85 -5.25	30.09 1.00 -1.30	29.77 1.06 0.00	30.41 0.99 -2.59	30.07 0.95 -3.40	27.76 0.99 -0.72	27.13 0.99 -0.16	26.44 0.94 0.00	26.57 0.95 0.00	28.38 1.04 0.00	30.29 1.10 -0.21	37.34 1.24 -0.55	42.05 1.22 -4.94	48.58 1.29 -10.43	46.97 1.34 -6.15	37.00 1.21 -0.27	33.02 1.15 0.00	30.43 1.03 0.00
PATTRSNVILLE__SOLAR 323815	31.20 1.50 -6.97	29.31 1.35 -7.17	26.57 1.30 -4.69	26.10 1.18 -5.82	24.83 1.37 -1.81	27.27 1.61 -0.07	30.73 1.48 -5.75	30.94 1.72 -1.43	30.40 1.69 0.00	31.07 1.39 -2.84	30.66 1.21 -3.72	27.90 1.07 -0.79	27.33 1.17 -0.18	26.67 1.17 0.00	26.83 1.20 0.00	28.76 1.42 0.00	30.86 1.65 -0.24	38.36 2.20 -0.60	43.66 2.37 -5.41	50.90 2.62 -11.42	48.98 2.76 -6.73	38.34 2.52 -0.30	34.01 2.14 0.00	31.37 1.97 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	21.35 -2.25 -0.87	19.68 -2.00 -0.89	19.11 -2.06 -0.58	17.89 -1.93 -0.72	19.79 -2.10 -0.22	23.73 -1.87 -0.01	22.00 -2.21 -0.72	25.44 -2.53 -0.18	26.96 -1.75 0.00	24.74 -2.44 -0.35	23.82 -2.37 -0.46	23.75 -2.40 -0.10	24.31 -1.69 -0.02	24.07 -1.43 0.00	24.03 -1.59 0.00	25.43 -1.91 0.00	26.77 -2.23 -0.03	32.04 -3.59 -0.07	32.58 -3.98 -0.67	34.37 -3.91 -1.42	36.09 -4.22 -0.84	32.29 -3.27 -0.04	29.80 -2.07 0.00	27.70 -1.71 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.65 1.71 -5.21	27.64 1.50 -5.37	25.55 1.46 -3.51	24.84 1.39 -4.35	24.62 1.60 -1.35	27.56 1.92 -0.05	29.55 1.76 -4.30	30.97 2.11 -1.07	30.89 2.18 0.00	30.99 2.04 -2.12	30.49 1.98 -2.78	28.62 1.98 -0.59	28.09 1.97 -0.13	27.46 1.96 0.00	27.59 1.97 0.00	29.53 2.19 0.00	31.53 2.38 -0.18	38.81 2.81 -0.45	42.73 2.80 -4.04	48.20 2.80 -8.55	47.56 3.04 -5.04	38.41 2.66 -0.22	34.27 2.39 0.00	31.55 2.15 0.00
PEEKSKILL____ 23653	29.54 1.64 -5.17	27.56 1.45 -5.32	25.48 1.42 -3.48	24.77 1.36 -4.32	24.54 1.54 -1.34	27.49 1.84 -0.05	29.49 1.74 -4.26	30.90 2.06 -1.06	30.83 2.12 0.00	30.92 1.99 -2.10	30.39 1.90 -2.76	28.68 1.95 -0.67	28.18 1.97 -0.23	27.55 1.91 -0.14	27.72 1.92 -0.17	29.58 2.13 -0.11	31.49 2.26 -0.26	38.74 2.74 -0.45	42.55 2.66 -4.01	47.99 2.66 -8.47	47.32 2.84 -5.00	38.30 2.56 -0.22	34.17 2.30 0.00	31.43 2.03 0.00

PGE MADISON___WINDPWR 24146	25.11 0.77 -1.60	23.09 0.66 -1.65	22.23 0.58 -1.08	21.00 0.57 -1.34	22.81 0.74 -0.41	26.73 1.12 -0.02	25.68 0.87 -1.32	29.20 1.08 -0.33	29.83 1.12 0.00	28.45 0.96 -0.65	27.48 0.90 -0.85	27.01 0.78 -0.18	26.88 0.86 -0.04	26.29 0.79 0.00	26.52 0.90 0.00	28.38 1.04 0.00	30.22 1.19 -0.05	37.36 1.67 -0.14	38.96 1.83 -1.24	41.47 1.99 -2.62	43.04 2.01 -1.55	37.54 1.95 -0.07	33.56 1.69 0.00	30.87 1.47 0.00
PIERCEFIELD___HYD 23852	21.83 -0.91 0.00	23.29 -0.79 -3.29	19.86 -0.72 0.00	18.41 -0.69 0.00	20.84 -0.82 0.00	28.58 -1.05 -4.04	27.45 -0.96 -4.92	32.16 -1.22 -5.60	33.12 -1.32 -5.73	31.07 -1.21 -5.44	29.77 -1.21 -5.26	30.06 -1.30 -5.31	29.94 -1.32 -5.29	29.41 -1.30 -5.21	29.61 -1.26 -5.24	31.57 -1.29 -5.52	33.48 -1.27 -5.79	40.86 -1.49 -6.80	41.54 -1.22 -6.88	42.64 -1.29 -7.07	45.59 -1.38 -7.49	41.08 -1.28 -6.84	36.89 -1.24 -6.25	34.09 -1.18 -5.87
PINELAWN_CC_1 323563	30.13 2.20 -5.19	28.00 1.87 -5.34	25.89 1.81 -3.49	25.11 1.68 -4.33	24.96 1.95 -1.34	27.90 2.25 -0.05	30.32 2.54 -4.29	31.58 2.72 -1.06	31.46 2.76 0.00	31.12 2.17 -2.11	30.37 1.88 -2.77	29.46 2.63 -0.78	28.95 2.62 -0.35	28.37 2.55 -0.32	28.57 2.56 -0.39	30.45 2.87 -0.24	32.34 3.01 -0.36	39.73 3.73 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.61 3.12 -5.02	39.26 3.52 -0.22	34.87 3.00 0.00	31.87 2.47 0.00
PJM_GEN_HTP_PROXY 323702	29.83 1.91 -5.19	27.81 1.68 -5.34	25.74 1.67 -3.49	24.99 1.57 -4.33	24.78 1.78 -1.34	26.04 2.12 1.68	31.50 2.00 -6.01	31.24 2.39 -1.06	31.20 2.50 0.00	31.22 2.28 -2.11	30.78 2.24 -2.82	31.14 2.29 -2.80	30.86 2.31 -2.57	31.33 2.27 -3.57	32.19 2.28 -4.29	32.47 2.49 -2.64	33.85 2.64 -2.24	39.22 3.16 -0.50	42.96 3.05 -4.02	48.43 3.06 -8.51	47.81 3.32 -5.01	38.69 2.95 -0.22	34.52 2.64 0.00	31.78 2.38 0.00
PJM_GEN_KEystone 24065	25.81 -0.07 -3.14	23.93 -0.08 -3.23	22.57 -0.12 -2.12	21.62 -0.09 -2.62	22.41 -0.06 -0.81	23.97 0.08 1.70	27.79 -0.02 -4.32	28.49 0.06 -0.64	28.91 0.20 0.00	28.08 -0.03 -1.28	27.38 -0.03 -1.68	26.61 0.00 -0.56	26.47 0.18 -0.31	26.03 0.20 -0.33	26.20 0.18 -0.40	27.70 0.11 -0.24	29.33 0.06 -0.30	35.69 -0.14 -0.28	38.00 -0.32 -2.44	41.71 -0.30 -5.15	42.20 -0.32 -3.04	35.66 0.00 -0.13	31.97 0.10 0.00	29.55 0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.93 2.00 -5.19	27.83 1.70 -5.34	25.72 1.65 -3.49	24.96 1.53 -4.33	24.78 1.78 -1.34	25.96 2.05 1.68	31.91 2.40 -6.02	31.38 2.53 -1.06	31.23 2.53 0.00	30.98 2.04 -2.11	30.29 1.80 -2.77	29.35 2.58 -0.72	28.83 2.57 -0.28	28.22 2.50 -0.22	28.40 2.51 -0.27	30.18 2.68 -0.16	32.08 2.81 -0.30	39.41 3.41 -0.44	42.57 2.66 -4.03	47.98 2.62 -8.51	47.30 2.80 -5.02	38.90 3.16 -0.22	34.58 2.71 0.00	31.64 2.23 0.00
PJM_GEN_VFT_PROXY 323633	29.85 1.93 -5.19	27.83 1.70 -5.34	25.74 1.67 -3.49	25.01 1.58 -4.33	24.80 1.80 -1.34	26.06 2.15 1.68	31.50 2.00 -6.01	31.27 2.42 -1.06	31.20 2.50 0.00	31.25 2.31 -2.11	30.80 2.24 -2.84	31.90 2.35 -3.51	31.70 2.36 -3.35	32.53 2.32 -4.71	33.62 2.33 -5.67	33.32 2.49 -3.49	34.51 2.64 -2.90	39.20 3.13 -0.52	42.93 3.02 -4.02	48.39 3.02 -8.51	47.73 3.24 -5.01	38.62 2.88 -0.22	34.49 2.61 0.00	31.78 2.38 0.00
PLATSBURG_115KV_PMLD1 355749	21.83 -0.91 0.00	0.14 -0.79 19.85	20.05 -0.54 0.00	18.58 -0.52 0.00	20.97 -0.69 0.00	0.20 -1.05 24.34	-7.08 -0.92 29.66	-7.11 -1.17 33.74	-7.09 -1.23 34.56	-7.09 -1.10 32.82	-7.08 -1.11 31.70	-7.14 -1.17 32.01	-7.08 -1.20 31.87	-7.13 -1.20 31.43	-7.14 -1.15 31.60	-7.14 -1.23 33.25	-7.12 -1.22 34.87	-6.92 -1.49 40.98	-6.85 -1.29 41.44	-7.13 -1.40 42.59	-7.14 -1.46 45.16	-7.06 -1.39 41.19	-7.12 -1.31 37.69	-7.15 -1.21 35.35
PLEASANTVLY___LBMP 24000	29.59 1.48 -5.38	27.63 1.31 -5.53	25.50 1.30 -3.62	24.81 1.22 -4.49	24.44 1.39 -1.39	27.31 1.66 -0.05	29.45 1.53 -4.44	30.72 1.83 -1.10	30.60 1.89 0.00	30.77 1.74 -2.19	30.29 1.70 -2.87	28.40 1.75 -0.61	27.86 1.74 -0.14	27.20 1.71 0.00	27.34 1.72 0.00	29.20 1.86 0.00	31.10 1.94 -0.18	38.36 2.35 -0.46	42.36 2.30 -4.17	48.00 2.32 -8.82	47.20 2.53 -5.20	38.02 2.27 -0.23	33.88 2.01 0.00	31.23 1.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.66 1.71 -5.22	27.67 1.52 -5.37	25.57 1.48 -3.51	24.84 1.39 -4.36	24.60 1.58 -1.35	27.54 1.89 -0.05	29.58 1.79 -4.30	30.97 2.11 -1.07	30.92 2.21 0.00	30.99 2.04 -2.12	30.46 1.95 -2.78	28.50 2.01 -0.44	27.98 2.03 0.03	27.25 1.99 0.23	27.34 2.00 0.28	29.36 2.19 0.17	31.33 2.32 -0.04	38.77 2.77 -0.45	42.66 2.73 -4.05	48.14 2.73 -8.55	47.48 2.96 -5.04	38.41 2.66 -0.22	34.23 2.36 0.00	31.52 2.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.66 1.71 -5.22	27.67 1.52 -5.37	25.57 1.48 -3.51	24.84 1.39 -4.36	24.60 1.58 -1.35	27.54 1.89 -0.05	29.58 1.79 -4.30	30.97 2.11 -1.07	30.92 2.21 0.00	30.99 2.04 -2.12	30.46 1.95 -2.78	28.50 2.01 -0.44	27.98 2.03 0.03	27.25 1.99 0.23	27.34 2.00 0.28	29.36 2.19 0.17	31.33 2.32 -0.04	38.77 2.77 -0.45	42.66 2.73 -4.05	48.14 2.73 -8.55	47.48 2.96 -5.04	38.41 2.66 -0.22	34.23 2.36 0.00	31.52 2.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.52 1.52 -5.27	27.57 1.37 -5.42	25.46 1.34 -3.55	24.75 1.26 -4.40	24.48 1.45 -1.36	27.36 1.71 -0.05	29.43 1.60 -4.34	30.76 1.89 -1.08	30.66 1.95 0.00	30.80 1.82 -2.14	30.26 1.72 -2.81	28.41 1.77 -0.59	27.88 1.77 -0.13	27.23 1.73 0.00	27.36 1.74 0.00	29.26 1.91 0.00	31.21 2.06 -0.18	38.49 2.49 -0.45	42.45 2.48 -4.08	48.03 2.54 -8.63	47.29 2.72 -5.09	38.16 2.42 -0.22	34.04 2.17 0.00	31.34 1.94 0.00
POLETTI___ 23519	29.90 1.98 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.03 1.60 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.82 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.31 2.36 -2.11	30.85 2.29 -2.84	31.93 2.37 -3.51	31.75 2.42 -3.35	32.58 2.37 -4.71	33.67 2.38 -5.66	33.42 2.60 -3.49	34.62 2.75 -2.90	39.34 3.27 -0.52	43.04 3.12 -4.02	48.54 3.17 -8.51	47.89 3.40 -5.01	38.80 3.05 -0.22	34.62 2.74 0.00	31.84 2.44 0.00
POMONA___ESR 323819	29.22 1.52 -4.96	27.24 1.35 -5.11	25.24 1.32 -3.34	24.48 1.24 -4.14	24.35 1.41 -1.28	27.36 1.71 -0.05	29.18 1.60 -4.09	30.72 1.92 -1.02	30.69 1.98 0.00	30.68 1.83 -2.02	30.12 1.75 -2.65	28.40 1.80 -0.56	27.92 1.82 -0.13	27.28 1.78 0.00	27.41 1.79 0.00	29.31 1.97 0.00	31.23 2.09 -0.17	38.50 2.52 -0.43	42.18 2.44 -3.85	47.46 2.47 -8.13	46.92 2.65 -4.79	38.11 2.38 -0.21	34.01 2.14 0.00	31.31 1.91 0.00
PORT_JEFF_3 23555	30.24 2.32 -5.19	28.06 1.93 -5.34	25.99 1.91 -3.49	25.18 1.76 -4.33	25.04 2.04 -1.34	27.97 2.33 -0.05	30.39 2.61 -4.29	31.69 2.84 -1.06	31.58 2.87 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.24 2.45 -0.75	28.71 2.42 -0.31	28.13 2.37 -0.26	28.32 2.38 -0.32	30.46 2.93 -0.19	32.40 3.10 -0.32	39.90 3.91 -0.44	42.96 3.05 -4.03	48.39 3.02 -8.51	47.73 3.24 -5.02	39.47 3.73 -0.22	34.94 3.06 0.00	31.84 2.44 0.00

PORT_JEFF_4 23616	30.24 2.32 -5.19	28.06 1.93 -5.34	25.99 1.91 -3.49	25.18 1.76 -4.33	25.04 2.04 -1.34	27.97 2.33 -0.05	30.39 2.61 -4.29	31.69 2.84 -1.06	31.58 2.87 0.00	31.09 2.15 -2.11	30.19 1.70 -2.77	29.24 2.45 -0.75	28.71 2.42 -0.31	28.13 2.37 -0.26	28.32 2.38 -0.32	30.46 2.93 -0.19	32.40 3.10 -0.32	39.90 3.91 -0.44	42.96 3.05 -4.03	48.39 3.02 -8.51	47.73 3.24 -5.02	39.47 3.73 -0.22	34.94 3.06 0.00	31.84 2.44 0.00
PORT_JEFF_IC 23713	30.17 2.25 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.06 2.06 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.74 2.89 -1.06	31.61 2.90 0.00	31.09 2.15 -2.11	30.57 2.08 -2.77	29.24 2.45 -0.75	28.71 2.42 -0.31	28.13 2.37 -0.26	28.35 2.41 -0.32	30.49 2.95 -0.19	32.43 3.13 -0.32	39.90 3.91 -0.44	43.00 3.09 -4.03	48.42 3.06 -8.51	48.05 3.55 -5.02	39.51 3.77 -0.22	34.97 3.09 0.00	32.02 2.62 0.00
PPL PILGRIM_ST_GT1 24216	30.24 2.32 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.04 2.04 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.17 2.23 -2.11	30.37 1.88 -2.77	29.43 2.63 -0.75	28.92 2.62 -0.32	28.32 2.55 -0.27	28.51 2.56 -0.33	30.52 2.98 -0.20	32.43 3.13 -0.33	39.94 3.95 -0.44	43.04 3.12 -4.03	48.46 3.10 -8.51	47.81 3.32 -5.02	39.51 3.76 -0.22	35.03 3.16 0.00	31.93 2.53 0.00
PPL PILGRIM_ST_GT2 24217	30.24 2.32 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.04 2.04 -1.34	28.00 2.35 -0.05	30.41 2.63 -4.29	31.71 2.86 -1.06	31.61 2.90 0.00	31.17 2.23 -2.11	30.37 1.88 -2.77	29.43 2.63 -0.75	28.92 2.62 -0.32	28.32 2.55 -0.27	28.51 2.56 -0.33	30.52 2.98 -0.20	32.43 3.13 -0.33	39.94 3.95 -0.44	43.04 3.12 -4.03	48.46 3.10 -8.51	47.81 3.32 -5.02	39.51 3.76 -0.22	35.03 3.16 0.00	31.93 2.53 0.00
PPL_SHRM_GT3 24213	30.22 2.30 -5.19	28.06 1.93 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	27.95 2.30 -0.05	30.37 2.58 -4.29	31.66 2.81 -1.06	31.58 2.87 0.00	30.79 1.85 -2.11	29.70 1.21 -2.77	28.72 1.93 -0.75	28.19 1.90 -0.31	27.62 1.86 -0.26	27.84 1.90 -0.32	30.32 2.79 -0.19	32.25 2.96 -0.32	39.76 3.77 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.46 2.96 -5.02	39.37 3.63 -0.22	34.68 2.81 0.00	31.55 2.15 0.00
PPL_SHRM_GT4 24214	30.22 2.30 -5.19	28.06 1.93 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	27.95 2.30 -0.05	30.37 2.58 -4.29	31.66 2.81 -1.06	31.58 2.87 0.00	30.79 1.85 -2.11	29.70 1.21 -2.77	28.72 1.93 -0.75	28.19 1.90 -0.31	27.62 1.86 -0.26	27.84 1.90 -0.32	30.32 2.79 -0.19	32.25 2.96 -0.32	39.76 3.77 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.46 2.96 -5.02	39.37 3.63 -0.22	34.68 2.81 0.00	31.55 2.15 0.00
PROJECT___ORANGE 1 24174	22.90 -0.30 -0.46	20.99 -0.27 -0.48	20.60 -0.29 -0.31	19.21 -0.27 -0.39	21.48 -0.30 -0.12	25.26 -0.33 0.00	23.57 -0.31 -0.38	27.55 -0.33 -0.10	28.39 -0.32 0.00	26.70 -0.32 -0.19	25.69 -0.28 -0.25	25.84 -0.26 -0.05	25.71 -0.29 -0.01	25.27 -0.23 0.00	25.39 -0.23 0.00	27.07 -0.27 0.00	28.67 -0.32 -0.02	35.20 -0.39 -0.04	35.82 -0.43 -0.36	37.18 -0.44 -0.76	39.45 -0.47 -0.45	35.12 -0.43 -0.02	31.49 -0.38 0.00	29.08 -0.32 0.00
PROJECT___ORANGE 2 24166	22.90 -0.30 -0.46	20.99 -0.27 -0.48	20.60 -0.29 -0.31	19.21 -0.27 -0.39	21.48 -0.30 -0.12	25.26 -0.33 0.00	23.57 -0.31 -0.38	27.55 -0.33 -0.10	28.39 -0.32 0.00	26.70 -0.32 -0.19	25.69 -0.28 -0.25	25.84 -0.26 -0.05	25.71 -0.29 -0.01	25.27 -0.23 0.00	25.39 -0.23 0.00	27.07 -0.27 0.00	28.67 -0.32 -0.02	35.20 -0.39 -0.04	35.82 -0.43 -0.36	37.18 -0.44 -0.76	39.45 -0.47 -0.45	35.12 -0.43 -0.02	31.49 -0.38 0.00	29.08 -0.32 0.00
PUCKETT___SOLAR 323809	24.58 0.14 -1.71	22.64 0.10 -1.76	21.79 0.06 -1.15	20.59 0.08 -1.42	22.21 0.11 -0.44	25.92 0.31 -0.02	25.06 0.17 -1.41	28.39 0.25 -0.35	29.02 0.32 0.00	27.66 0.13 -0.69	26.74 0.10 -0.91	26.32 0.08 -0.19	26.21 0.18 -0.04	25.68 0.18 0.00	25.83 0.20 0.00	27.54 0.19 0.00	29.26 0.23 -0.06	35.95 0.25 -0.15	37.46 0.25 -1.32	39.98 0.33 -2.80	41.48 0.35 -1.65	36.09 0.50 -0.07	32.32 0.45 0.00	29.82 0.41 0.00
PYRITES___HYD 24023	22.28 -0.45 0.00	23.39 -0.35 -2.96	20.27 -0.31 0.00	18.79 -0.31 0.00	21.27 -0.39 0.00	28.71 -0.51 -3.63	27.42 -0.49 -4.42	32.10 -0.72 -5.03	33.03 -0.83 -5.15	30.95 -0.78 -4.89	29.60 -0.85 -4.73	29.91 -0.91 -4.77	29.80 -0.94 -4.75	29.26 -0.92 -4.69	29.49 -0.85 -4.71	31.45 -0.85 -4.96	33.39 -0.78 -5.20	40.84 -0.82 -6.11	41.60 -0.47 -6.18	42.69 -0.52 -6.35	45.66 -0.55 -6.73	41.13 -0.53 -6.14	36.92 -0.57 -5.62	34.12 -0.56 -5.27
QUAKERRD_115KV_BK1 80622	22.14 -1.20 -0.61	20.29 -1.12 -0.62	19.84 -1.15 -0.41	18.51 -1.09 -0.51	20.65 -1.17 -0.16	24.14 -1.46 -0.01	22.75 -1.25 -0.50	26.47 -1.45 -0.12	27.19 -1.52 0.00	25.68 -1.40 -0.25	24.81 -1.23 -0.32	24.87 -1.25 -0.07	24.67 -1.32 -0.02	24.30 -1.20 0.00	24.37 -1.26 0.00	25.87 -1.48 0.00	27.40 -1.59 -0.02	33.72 -1.88 -0.05	34.28 -2.08 -0.47	35.75 -2.10 -0.99	37.81 -2.25 -0.59	33.45 -2.10 -0.03	30.09 -1.79 0.00	27.82 -1.59 0.00
QUENSBRY_115KV_TB8 356137	30.67 1.43 -6.50	28.77 1.29 -6.70	26.22 1.26 -4.38	25.65 1.13 -5.43	24.76 1.41 -1.69	27.37 1.71 -0.06	30.43 1.57 -5.37	30.98 1.86 -1.33	30.69 1.98 0.00	31.41 1.93 -2.65	31.00 1.80 -3.47	28.48 1.69 -0.73	27.81 1.66 -0.17	27.18 1.68 0.00	27.31 1.69 0.00	29.31 1.97 0.00	31.42 2.23 -0.22	38.64 2.52 -0.56	43.45 2.51 -5.05	50.14 2.62 -10.67	48.53 2.76 -6.29	38.21 2.42 -0.28	33.92 2.04 0.00	31.29 1.88 0.00
RAMAPO___LBMP 323565	29.05 1.41 -4.91	27.08 1.25 -5.05	25.10 1.21 -3.31	24.34 1.15 -4.10	24.26 1.32 -1.27	27.23 1.59 -0.05	29.02 1.48 -4.05	30.60 1.81 -1.01	30.54 1.84 0.00	30.55 1.72 -2.00	29.99 1.65 -2.62	28.30 1.69 -0.55	27.79 1.69 -0.13	27.15 1.66 0.00	27.29 1.67 0.00	29.17 1.83 0.00	31.08 1.94 -0.17	38.28 2.31 -0.42	41.96 2.26 -3.81	47.19 2.29 -8.05	46.71 2.49 -4.74	37.93 2.20 -0.21	33.85 1.98 0.00	31.17 1.76 0.00
RANKINE____ 23646	21.60 -1.98 -0.85	19.91 -1.75 -0.87	19.34 -1.81 -0.57	18.10 -1.70 -0.71	20.04 -1.84 -0.22	23.60 -2.00 -0.01	22.26 -1.93 -0.70	25.77 -2.20 -0.17	26.87 -1.84 0.00	25.06 -2.12 -0.34	24.14 -2.03 -0.45	24.09 -2.06 -0.10	24.24 -1.77 -0.02	24.02 -1.48 0.00	23.96 -1.67 0.00	25.35 -2.00 0.00	26.74 -2.26 -0.03	32.39 -3.24 -0.07	32.92 -3.62 -0.66	34.71 -3.54 -1.39	36.47 -3.83 -0.82	32.40 -3.16 -0.04	29.68 -2.20 0.00	27.55 -1.85 0.00
RAVENSWOOD_GT2_1 24244	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.01 1.58 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.23 2.53 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.80 2.28 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.02	48.51 3.13 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.59 2.71 0.00	31.81 2.41 0.00

RAVENSWOOD_GT2_2 24245	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.01 1.58 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.23 2.53 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.80 2.28 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.02	48.51 3.13 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.59 2.71 0.00	31.81 2.41 0.00
RAVENSWOOD_GT2_3 24246	29.88 1.96 -5.19	27.85 1.72 -5.34	25.78 1.71 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.31 2.36 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.04 3.12 -4.02	48.54 3.17 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.62 2.74 0.00	31.84 2.44 0.00
RAVENSWOOD_GT2_4 24247	29.88 1.96 -5.19	27.85 1.72 -5.34	25.78 1.71 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.31 2.36 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.04 3.12 -4.02	48.54 3.17 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.62 2.74 0.00	31.84 2.44 0.00
RAVENSWOOD_GT3_1 24248	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.02	48.51 3.13 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.59 2.71 0.00	31.81 2.41 0.00
RAVENSWOOD_GT3_2 24249	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.02	48.51 3.13 -8.51	47.89 3.40 -5.01	38.76 3.02 -0.22	34.59 2.71 0.00	31.81 2.41 0.00
RAVENSWOOD_GT3_3 24250	29.90 1.98 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.05 1.62 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.84 2.07 -4.28	31.32 2.47 -1.06	31.29 2.58 0.00	31.31 2.36 -2.11	30.87 2.29 -2.85	32.54 2.34 -4.15	32.40 2.36 -4.06	33.55 2.32 -5.74	34.86 2.33 -6.90	34.13 2.54 -4.25	35.16 2.69 -3.49	39.32 3.24 -0.54	43.07 3.16 -4.02	48.54 3.17 -8.51	47.93 3.43 -5.01	38.80 3.05 -0.22	34.62 2.74 0.00	31.87 2.47 0.00
RAVENSWOOD_GT3_4 24251	29.90 1.98 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.05 1.62 -4.33	24.85 1.84 -1.34	27.84 2.20 -0.05	29.84 2.07 -4.28	31.32 2.47 -1.06	31.29 2.58 0.00	31.31 2.36 -2.11	30.87 2.29 -2.85	32.54 2.34 -4.15	32.40 2.36 -4.06	33.55 2.32 -5.74	34.86 2.33 -6.90	34.13 2.54 -4.25	35.16 2.69 -3.49	39.32 3.24 -0.54	43.07 3.16 -4.02	48.54 3.17 -8.51	47.93 3.43 -5.01	38.80 3.05 -0.22	34.62 2.74 0.00	31.87 2.47 0.00
RAVENSWOOD_GT_1 23729	30.00 2.07 -5.20	27.96 1.83 -5.35	25.89 1.81 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.95 2.30 -0.06	29.94 2.16 -4.29	31.44 2.58 -1.07	30.12 2.70 1.29	31.42 2.47 -2.12	30.94 2.34 -2.88	33.93 2.37 -5.51	33.93 2.39 -5.56	34.97 2.35 -7.13	36.08 2.33 -8.13	35.62 2.60 -5.68	36.48 2.75 -4.76	39.42 3.31 -0.56	43.22 3.30 -4.03	48.68 3.32 -8.51	48.09 3.59 -5.02	38.95 3.20 -0.23	34.75 2.87 -0.01	32.00 2.59 -0.01
RAVENSWOOD_GT_10 24258	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.01 1.58 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.23 2.53 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.03	48.51 3.13 -8.51	47.89 3.40 -5.02	38.76 3.02 -0.22	34.59 2.71 0.00	31.82 2.41 0.00
RAVENSWOOD_GT_11 24259	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.01 1.58 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.23 2.53 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.03	48.51 3.13 -8.51	47.89 3.40 -5.02	38.76 3.02 -0.22	34.59 2.71 0.00	31.82 2.41 0.00
RAVENSWOOD_GT_4 24252	29.84 1.91 -5.19	27.83 1.70 -5.35	25.75 1.67 -3.50	25.00 1.57 -4.34	24.81 1.80 -1.35	27.80 2.15 -0.06	29.80 2.02 -4.29	31.25 2.39 -1.07	30.23 2.50 0.98	31.26 2.31 -2.12	30.83 2.24 -2.87	33.53 2.29 -5.19	33.49 2.31 -5.20	34.59 2.29 -6.79	35.74 2.28 -7.84	35.20 2.52 -5.34	36.10 2.67 -4.46	39.27 3.16 -0.56	42.97 3.05 -4.03	48.46 3.10 -8.51	47.86 3.36 -5.02	38.73 2.98 -0.23	34.56 2.68 -0.01	31.79 2.38 -0.01
RAVENSWOOD_GT_5 24254	29.84 1.91 -5.19	27.83 1.70 -5.35	25.75 1.67 -3.50	25.00 1.57 -4.34	24.81 1.80 -1.35	27.80 2.15 -0.06	29.80 2.02 -4.29	31.25 2.39 -1.07	30.23 2.50 0.98	31.26 2.31 -2.12	30.83 2.24 -2.87	33.53 2.29 -5.19	33.49 2.31 -5.20	34.59 2.29 -6.79	35.74 2.28 -7.84	35.20 2.52 -5.34	36.10 2.67 -4.46	39.27 3.16 -0.56	42.97 3.05 -4.03	48.46 3.10 -8.51	47.86 3.36 -5.02	38.73 2.98 -0.23	34.56 2.68 -0.01	31.79 2.38 -0.01
RAVENSWOOD_GT_6 24253	29.84 1.91 -5.19	27.83 1.70 -5.35	25.75 1.67 -3.50	25.00 1.57 -4.34	24.81 1.80 -1.35	27.80 2.15 -0.06	29.80 2.02 -4.29	31.25 2.39 -1.07	30.23 2.50 0.98	31.26 2.31 -2.12	30.83 2.24 -2.87	33.53 2.29 -5.19	33.49 2.31 -5.20	34.59 2.29 -6.79	35.74 2.28 -7.84	35.20 2.52 -5.34	36.10 2.67 -4.46	39.27 3.16 -0.56	42.97 3.05 -4.03	48.46 3.10 -8.51	47.86 3.36 -5.02	38.73 2.98 -0.23	34.56 2.68 -0.01	31.79 2.38 -0.01
RAVENSWOOD_GT_7 24255	29.84 1.91 -5.19	27.83 1.70 -5.35	25.75 1.67 -3.50	25.00 1.57 -4.34	24.81 1.80 -1.35	27.80 2.15 -0.06	29.80 2.02 -4.29	31.25 2.39 -1.07	30.23 2.50 0.98	31.26 2.31 -2.12	30.83 2.24 -2.87	33.53 2.29 -5.19	33.49 2.31 -5.20	34.59 2.29 -6.79	35.74 2.28 -7.84	35.20 2.52 -5.34	36.10 2.67 -4.46	39.27 3.16 -0.56	42.97 3.05 -4.03	48.46 3.10 -8.51	47.86 3.36 -5.02	38.73 2.98 -0.23	34.56 2.68 -0.01	31.79 2.38 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.01 1.58 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.23 2.53 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.03	48.51 3.13 -8.51	47.89 3.40 -5.02	38.76 3.02 -0.22	34.59 2.71 0.00	31.82 2.41 0.00

RAVENSWOOD_GT_9 24257	29.86 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.01 1.58 -4.33	24.83 1.82 -1.34	27.82 2.18 -0.05	29.82 2.04 -4.28	31.27 2.42 -1.06	31.23 2.53 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.29 -5.74	34.83 2.31 -6.90	34.11 2.52 -4.25	35.13 2.67 -3.49	39.29 3.20 -0.54	43.00 3.09 -4.03	48.51 3.13 -8.51	47.89 3.40 -5.02	38.76 3.02 -0.22	34.59 2.71 0.00	31.82 2.41 0.00
RAVENSWOOD___1 23533	30.00 2.07 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.13 1.70 -4.34	24.94 1.93 -1.35	27.96 2.30 -0.06	29.94 2.16 -4.29	31.41 2.55 -1.07	31.41 2.70 0.00	31.45 2.50 -2.12	30.89 2.32 -2.85	32.57 2.37 -4.15	32.43 2.39 -4.06	33.55 2.32 -5.74	34.85 2.33 -6.90	34.16 2.57 -4.25	35.22 2.75 -3.49	39.39 3.31 -0.54	43.22 3.30 -4.03	48.69 3.32 -8.51	48.06 3.55 -5.02	39.06 3.30 -0.23	34.75 2.87 -0.01	32.00 2.59 -0.01
RAVENSWOOD___2 23534	29.95 2.02 -5.20	27.92 1.79 -5.35	25.85 1.77 -3.50	25.09 1.66 -4.34	24.90 1.88 -1.35	27.90 2.25 -0.06	29.89 2.12 -4.29	31.36 2.50 -1.07	31.35 2.64 0.00	31.42 2.47 -2.12	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.30 -5.74	34.80 2.28 -6.90	34.10 2.51 -4.25	35.16 2.70 -3.49	39.32 3.23 -0.54	43.15 3.23 -4.03	48.65 3.28 -8.51	48.01 3.51 -5.02	38.98 3.23 -0.23	34.69 2.81 -0.01	31.94 2.53 -0.01
RAVENSWOOD___3 23535	29.85 1.93 -5.19	27.85 1.72 -5.34	25.76 1.69 -3.49	25.03 1.60 -4.33	24.83 1.82 -1.34	27.82 2.17 -0.05	29.81 2.04 -4.28	31.30 2.45 -1.06	31.26 2.55 0.00	31.28 2.33 -2.11	30.84 2.26 -2.85	32.52 2.32 -4.15	32.38 2.34 -4.06	33.53 2.30 -5.74	34.83 2.31 -6.90	34.10 2.51 -4.25	35.13 2.66 -3.49	39.32 3.23 -0.54	43.00 3.09 -4.03	48.50 3.13 -8.51	47.85 3.35 -5.01	38.76 3.02 -0.22	34.58 2.71 0.00	31.82 2.41 0.00
RAVENSWOOD___4 23820	29.98 2.05 -5.20	27.96 1.83 -5.35	25.87 1.79 -3.50	25.12 1.68 -4.34	24.94 1.93 -1.35	27.96 2.30 -0.06	29.94 2.16 -4.29	31.41 2.55 -1.07	32.67 2.70 -1.27	31.45 2.50 -2.12	30.87 2.32 -2.83	31.23 2.37 -2.81	30.95 2.39 -2.58	32.19 2.32 -4.37	33.64 2.33 -5.69	32.75 2.57 -2.83	33.94 2.72 -2.24	39.37 3.31 -0.51	43.19 3.27 -4.03	48.70 3.32 -8.52	48.06 3.55 -5.02	39.02 3.27 -0.23	34.75 2.87 -0.01	31.97 2.56 -0.01
RCPL_TRUST___DRP 24196	29.97 2.05 -5.19	27.93 1.81 -5.34	25.84 1.77 -3.49	25.11 1.68 -4.33	24.91 1.91 -1.34	27.92 2.28 -0.05	29.91 2.14 -4.28	31.38 2.53 -1.06	31.38 2.67 0.00	31.41 2.47 -2.11	30.91 2.37 -2.82	31.32 2.47 -2.80	31.07 2.52 -2.57	31.56 2.50 -3.57	32.40 2.49 -4.29	32.72 2.73 -2.64	34.11 2.90 -2.24	39.43 3.38 -0.50	43.18 3.27 -4.02	48.69 3.32 -8.51	48.09 3.59 -5.01	38.90 3.16 -0.22	34.71 2.84 0.00	31.96 2.56 0.00
RED___ROCHESTER 323720	22.56 -0.80 -0.63	20.70 -0.73 -0.64	20.20 -0.80 -0.42	18.85 -0.76 -0.52	21.02 -0.80 -0.16	24.57 -1.02 -0.01	23.19 -0.82 -0.52	26.97 -0.94 -0.13	27.73 -0.98 0.00	26.20 -0.88 -0.25	25.31 -0.75 -0.33	25.39 -0.73 -0.07	25.22 -0.78 -0.02	24.78 -0.71 0.00	24.85 -0.77 0.00	26.38 -0.96 0.00	27.89 -1.10 -0.02	34.36 -1.25 -0.05	34.90 -1.47 -0.49	36.45 -1.44 -1.03	38.58 -1.50 -0.60	34.16 -1.39 -0.03	30.73 -1.15 0.00	28.37 -1.03 0.00
REGAN___SOLAR 323812	31.68 1.86 -7.08	29.73 1.66 -7.29	26.97 1.63 -4.77	26.48 1.47 -5.91	25.19 1.69 -1.84	27.68 2.02 -0.07	31.17 1.83 -5.85	31.41 2.17 -1.45	30.89 2.18 0.00	31.62 1.91 -2.89	31.21 1.70 -3.78	28.39 1.54 -0.80	27.75 1.59 -0.18	27.13 1.63 0.00	27.29 1.66 0.00	29.28 1.94 0.00	31.44 2.23 -0.24	39.08 2.92 -0.61	44.40 3.02 -5.49	51.75 3.28 -11.61	49.80 3.47 -6.84	38.98 3.16 -0.30	34.55 2.68 0.00	31.84 2.44 0.00
RENSSELAER___COGEN 23796	29.76 0.73 -6.30	27.95 0.68 -6.48	25.48 0.66 -4.24	24.96 0.61 -5.26	24.01 0.71 -1.63	26.52 0.87 -0.06	29.46 0.77 -5.19	29.97 0.89 -1.29	29.68 0.98 0.00	30.28 0.88 -2.57	29.94 0.85 -3.37	27.65 0.89 -0.71	27.05 0.91 -0.16	26.36 0.87 0.00	26.47 0.84 0.00	28.27 0.93 0.00	30.17 0.99 -0.21	37.16 1.07 -0.54	41.86 1.08 -4.89	48.29 1.10 -10.33	46.75 1.18 -6.09	36.86 1.06 -0.27	32.90 1.02 0.00	30.32 0.91 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.35 2.11 -6.50	29.39 1.91 -6.69	26.83 1.87 -4.38	26.20 1.68 -5.43	25.40 2.06 -1.68	28.14 2.48 -0.06	31.16 2.30 -5.36	31.79 2.67 -1.33	31.52 2.81 0.00	32.22 2.74 -2.65	31.72 2.52 -3.47	29.13 2.34 -0.73	28.43 2.29 -0.17	27.82 2.32 0.00	27.98 2.36 0.00	30.10 2.76 0.00	32.38 3.19 -0.22	39.84 3.73 -0.56	44.67 3.73 -5.05	51.46 3.94 -10.66	49.91 4.15 -6.28	39.42 3.62 -0.28	34.90 3.03 0.00	32.20 2.79 0.00
REVERE_CPPR_DRP 24186	23.43 0.43 -0.26	21.43 0.37 -0.27	21.09 0.33 -0.18	19.64 0.32 -0.22	22.12 0.39 -0.07	26.13 0.54 0.00	24.11 0.40 -0.22	28.34 0.50 -0.05	29.22 0.52 0.00	27.40 0.46 -0.11	26.30 0.44 -0.14	26.44 0.36 -0.03	26.38 0.39 -0.01	25.85 0.36 0.00	26.03 0.41 0.00	27.83 0.49 0.00	29.53 0.55 -0.01	36.36 0.78 -0.02	36.95 0.86 -0.20	38.17 0.88 -0.43	40.68 0.95 -0.25	36.35 0.82 -0.01	32.61 0.73 0.00	29.99 0.59 0.00
REYNOLDS_115KV_TB3 80639	30.00 0.95 -6.31	28.17 0.89 -6.49	25.69 0.86 -4.25	25.16 0.80 -5.27	24.23 0.93 -1.63	26.78 1.13 -0.06	29.70 1.01 -5.20	30.28 1.19 -1.29	29.97 1.26 0.00	30.58 1.18 -2.57	30.22 1.13 -3.37	27.93 1.17 -0.71	27.31 1.17 -0.16	26.59 1.10 0.00	26.72 1.10 0.00	28.52 1.18 0.00	30.43 1.25 -0.21	37.55 1.46 -0.54	42.22 1.44 -4.90	48.68 1.47 -10.34	47.16 1.58 -6.10	37.25 1.46 -0.27	33.21 1.34 0.00	30.61 1.21 0.00
RIVERBAY____ 323610	30.05 2.11 -5.20	28.04 1.91 -5.35	25.91 1.83 -3.50	25.19 1.76 -4.34	25.03 2.01 -1.35	28.06 2.41 -0.06	30.03 2.26 -4.29	31.50 2.64 -1.07	31.43 2.73 0.00	31.42 2.47 -2.12	30.82 2.24 -2.85	32.49 2.29 -4.15	32.32 2.29 -4.06	33.48 2.24 -5.74	34.78 2.25 -6.90	34.08 2.49 -4.25	35.13 2.67 -3.49	39.32 3.24 -0.54	43.33 3.41 -4.03	48.91 3.54 -8.51	48.33 3.83 -5.02	39.09 3.34 -0.23	34.88 3.00 -0.01	32.18 2.76 -0.01
RIVERSDE_115KV_TB3 55908	29.90 0.84 -6.32	28.08 0.79 -6.51	25.62 0.78 -4.26	25.08 0.71 -5.28	24.12 0.82 -1.64	26.65 1.00 -0.06	29.60 0.89 -5.21	30.14 1.06 -1.29	29.83 1.12 0.00	30.45 1.05 -2.57	30.10 1.00 -3.37	27.80 1.04 -0.71	27.18 1.04 -0.16	26.49 0.99 0.00	26.60 0.97 0.00	28.41 1.07 0.00	30.32 1.13 -0.21	37.38 1.28 -0.54	42.05 1.26 -4.91	48.55 1.33 -10.37	46.97 1.38 -6.11	37.07 1.28 -0.27	33.06 1.18 0.00	30.46 1.06 0.00
ROARING___BROOK_WT_PWR 323790	21.99 -0.75 0.00	20.10 -0.69 0.00	19.92 -0.66 0.00	18.48 -0.61 0.00	20.97 -0.69 0.00	24.72 -0.87 0.00	22.72 -0.77 0.00	26.87 -0.92 0.00	27.76 -0.95 0.00	25.97 -0.86 0.00	24.90 -0.82 0.00	25.19 -0.86 0.00	25.10 -0.88 0.00	24.63 -0.87 0.00	24.78 -0.84 0.00	26.44 -0.90 0.00	28.08 -0.90 0.00	34.49 -1.07 0.00	34.88 -1.00 0.00	35.83 -1.03 0.00	38.33 -1.15 0.00	34.42 -1.10 0.00	30.89 -0.99 0.00	28.49 -0.91 0.00

ROCHESRG_115KV_T4 355643	22.36 -1.00 -0.62	20.53 -0.89 -0.64	20.05 -0.95 -0.42	18.71 -0.90 -0.52	20.87 -0.95 -0.16	24.37 -1.23 -0.01	22.99 -1.01 -0.51	26.78 -1.14 -0.13	27.50 -1.21 0.00	25.98 -1.10 -0.25	25.08 -0.98 -0.33	25.13 -0.99 -0.07	24.90 -1.09 -0.02	24.55 -0.94 0.00	24.62 -1.00 0.00	26.11 -1.23 0.00	27.63 -1.36 -0.02	34.00 -1.60 -0.05	34.54 -1.83 -0.48	36.07 -1.81 -1.02	38.11 -1.97 -0.60	33.70 -1.85 -0.03	30.38 -1.50 0.00	28.11 -1.29 0.00
ROCHESTER_9_IC 23652	22.47 -0.89 -0.63	20.62 -0.81 -0.64	20.14 -0.86 -0.42	18.80 -0.82 -0.52	20.96 -0.87 -0.16	24.47 -1.13 -0.01	23.09 -0.92 -0.52	26.89 -1.03 -0.13	27.62 -1.09 0.00	26.09 -0.99 -0.25	25.21 -0.85 -0.33	25.26 -0.86 -0.07	25.04 -0.96 -0.02	24.68 -0.82 0.00	24.75 -0.87 0.00	26.25 -1.09 0.00	27.78 -1.22 -0.02	34.22 -1.39 -0.05	34.72 -1.65 -0.49	36.26 -1.62 -1.03	38.35 -1.74 -0.60	33.92 -1.63 -0.03	30.57 -1.31 0.00	28.23 -1.18 0.00
ROCKVIEW_13_KV_LD 356306	29.76 1.84 -5.19	27.77 1.64 -5.34	25.68 1.61 -3.49	24.93 1.51 -4.33	24.72 1.71 -1.34	27.69 2.05 -0.05	29.72 1.95 -4.28	31.16 2.31 -1.06	31.12 2.41 0.00	31.17 2.23 -2.11	30.63 2.14 -2.77	28.82 2.19 -0.59	28.32 2.21 -0.13	27.66 2.17 0.00	27.80 2.18 0.00	29.75 2.41 0.00	31.70 2.55 -0.18	39.06 3.06 -0.45	42.89 2.98 -4.02	48.35 2.99 -8.51	47.73 3.24 -5.01	38.66 2.91 -0.22	34.46 2.58 0.00	31.73 2.32 0.00
ROME____115KV_TB2 80656	23.43 0.43 -0.26	21.43 0.37 -0.27	21.09 0.33 -0.18	19.64 0.32 -0.22	22.12 0.39 -0.07	26.13 0.54 0.00	24.11 0.40 -0.22	28.34 0.50 -0.05	29.22 0.52 0.00	27.40 0.46 -0.11	26.30 0.44 -0.14	26.44 0.36 -0.03	26.38 0.39 -0.01	25.85 0.36 0.00	26.03 0.41 0.00	27.83 0.49 0.00	29.53 0.55 -0.01	36.36 0.78 -0.02	36.95 0.86 -0.20	38.17 0.88 -0.43	40.68 0.95 -0.25	36.35 0.82 -0.01	32.61 0.73 0.00	29.99 0.59 0.00
ROSETON___1 23587	29.29 1.41 -5.15	27.33 1.25 -5.30	25.28 1.23 -3.47	24.56 1.16 -4.30	24.32 1.32 -1.33	27.23 1.59 -0.05	29.20 1.46 -4.25	30.59 1.75 -1.05	30.52 1.81 0.00	30.62 1.69 -2.10	30.09 1.62 -2.75	28.30 1.67 -0.58	27.80 1.69 -0.13	27.13 1.63 0.00	27.26 1.64 0.00	29.12 1.78 0.00	31.03 1.88 -0.17	38.27 2.28 -0.44	42.11 2.23 -3.99	47.55 2.25 -8.44	46.86 2.41 -4.98	37.91 2.17 -0.22	33.82 1.94 0.00	31.14 1.73 0.00
ROSETON___2 23588	29.29 1.41 -5.15	27.33 1.25 -5.30	25.28 1.23 -3.47	24.56 1.16 -4.30	24.32 1.32 -1.33	27.23 1.59 -0.05	29.20 1.46 -4.25	30.59 1.75 -1.05	30.52 1.81 0.00	30.62 1.69 -2.10	30.09 1.62 -2.75	28.30 1.67 -0.58	27.80 1.69 -0.13	27.13 1.63 0.00	27.26 1.64 0.00	29.12 1.78 0.00	31.03 1.88 -0.17	38.27 2.28 -0.44	42.11 2.23 -3.99	47.55 2.25 -8.44	46.86 2.41 -4.98	37.91 2.17 -0.22	33.82 1.94 0.00	31.14 1.73 0.00
ROTTTRDAM_115KV_TB3 80664	30.16 0.84 -6.58	28.33 0.77 -6.78	25.75 0.74 -4.43	25.28 0.69 -5.50	24.13 0.76 -1.71	26.58 0.92 -0.07	29.77 0.85 -5.44	30.14 1.00 -1.35	29.74 1.03 0.00	30.48 0.97 -2.68	30.14 0.90 -3.52	27.68 0.89 -0.74	27.06 0.91 -0.17	26.39 0.89 0.00	26.52 0.90 0.00	28.33 0.98 0.00	30.24 1.04 -0.22	37.47 1.35 -0.57	42.33 1.33 -5.11	49.05 1.40 -10.79	47.34 1.50 -6.36	37.15 1.35 -0.28	33.06 1.18 0.00	30.46 1.06 0.00
RUSSELL___1 23602	22.56 -0.80 -0.63	20.70 -0.73 -0.64	20.20 -0.80 -0.42	18.85 -0.76 -0.52	21.02 -0.80 -0.16	24.57 -1.02 -0.01	23.19 -0.82 -0.52	26.97 -0.94 -0.13	27.73 -0.98 0.00	26.20 -0.89 -0.25	25.31 -0.75 -0.33	25.39 -0.73 -0.07	25.16 -0.83 -0.02	24.81 -0.69 0.00	24.85 -0.77 0.00	26.39 -0.96 0.00	27.92 -1.07 -0.02	34.40 -1.21 -0.05	34.90 -1.47 -0.49	36.45 -1.44 -1.03	38.54 -1.54 -0.60	34.09 -1.46 -0.03	30.70 -1.18 0.00	28.37 -1.03 0.00
RUSSELL___2 23532	22.56 -0.80 -0.63	20.70 -0.73 -0.64	20.20 -0.80 -0.42	18.85 -0.76 -0.52	21.02 -0.80 -0.16	24.57 -1.02 -0.01	23.19 -0.82 -0.52	26.97 -0.94 -0.13	27.73 -0.98 0.00	26.20 -0.89 -0.25	25.31 -0.75 -0.33	25.39 -0.73 -0.07	25.16 -0.83 -0.02	24.81 -0.69 0.00	24.85 -0.77 0.00	26.39 -0.96 0.00	27.92 -1.07 -0.02	34.40 -1.21 -0.05	34.90 -1.47 -0.49	36.45 -1.44 -1.03	38.54 -1.54 -0.60	34.09 -1.46 -0.03	30.70 -1.18 0.00	28.37 -1.03 0.00
RUSSELL___3 23549	22.56 -0.80 -0.63	20.70 -0.73 -0.64	20.20 -0.80 -0.42	18.85 -0.76 -0.52	21.02 -0.80 -0.16	24.57 -1.02 -0.01	23.19 -0.82 -0.52	26.97 -0.94 -0.13	27.73 -0.98 0.00	26.20 -0.89 -0.25	25.31 -0.75 -0.33	25.39 -0.73 -0.07	25.16 -0.83 -0.02	24.81 -0.69 0.00	24.85 -0.77 0.00	26.39 -0.96 0.00	27.92 -1.07 -0.02	34.40 -1.21 -0.05	34.90 -1.47 -0.49	36.45 -1.44 -1.03	38.54 -1.54 -0.60	34.09 -1.46 -0.03	30.70 -1.18 0.00	28.37 -1.03 0.00
RUSSELL___4 23556	22.56 -0.80 -0.63	20.70 -0.73 -0.64	20.20 -0.80 -0.42	18.85 -0.76 -0.52	21.02 -0.80 -0.16	24.57 -1.02 -0.01	23.19 -0.82 -0.52	26.97 -0.94 -0.13	27.73 -0.98 0.00	26.20 -0.89 -0.25	25.31 -0.75 -0.33	25.39 -0.73 -0.07	25.16 -0.83 -0.02	24.81 -0.69 0.00	24.85 -0.77 0.00	26.39 -0.96 0.00	27.92 -1.07 -0.02	34.40 -1.21 -0.05	34.90 -1.47 -0.49	36.45 -1.44 -1.03	38.54 -1.54 -0.60	34.09 -1.46 -0.03	30.70 -1.18 0.00	28.37 -1.03 0.00
RUSSELL___STATION 23914	22.56 -0.80 -0.63	20.70 -0.73 -0.64	20.20 -0.80 -0.42	18.85 -0.76 -0.52	21.02 -0.80 -0.16	24.57 -1.02 -0.01	23.19 -0.82 -0.52	26.97 -0.94 -0.13	27.73 -0.98 0.00	26.20 -0.89 -0.25	25.31 -0.75 -0.33	25.39 -0.73 -0.07	25.16 -0.83 -0.02	24.81 -0.69 0.00	24.85 -0.77 0.00	26.39 -0.96 0.00	27.92 -1.07 -0.02	34.40 -1.21 -0.05	34.90 -1.47 -0.49	36.45 -1.44 -1.03	38.54 -1.54 -0.60	34.09 -1.46 -0.03	30.70 -1.18 0.00	28.37 -1.03 0.00
S SALMON___HYD 24043	22.65 -0.45 -0.37	20.73 -0.44 -0.39	20.38 -0.45 -0.25	18.99 -0.42 -0.31	21.30 -0.46 -0.10	25.08 -0.51 0.00	23.26 -0.54 -0.31	27.25 -0.61 -0.08	28.05 -0.66 0.00	26.34 -0.64 -0.15	25.36 -0.57 -0.20	25.47 -0.63 -0.04	25.39 -0.60 -0.01	24.88 -0.61 0.00	25.03 -0.59 0.00	26.74 -0.60 0.00	28.32 -0.67 -0.01	34.87 -0.71 -0.03	35.53 -0.64 -0.29	36.84 -0.63 -0.61	39.17 -0.67 -0.36	34.93 -0.60 -0.02	31.33 -0.54 0.00	28.88 -0.53 0.00
S.PERRY__115KV_TB1 80734	22.99 -0.64 -0.89	21.10 -0.60 -0.92	20.48 -0.70 -0.60	19.17 -0.67 -0.74	21.22 -0.67 -0.23	24.91 -0.69 -0.01	23.54 -0.68 -0.73	27.22 -0.75 -0.18	27.93 -0.78 0.00	26.31 -0.89 -0.36	25.30 -0.90 -0.47	25.21 -0.94 -0.10	25.04 -0.96 -0.02	24.71 -0.79 0.00	24.78 -0.85 0.00	26.33 -1.01 0.00	27.90 -1.10 -0.03	34.45 -1.17 -0.08	35.39 -1.18 -0.69	37.32 -1.00 -1.46	39.43 -0.91 -0.86	34.74 -0.82 -0.04	31.30 -0.57 0.00	28.93 -0.47 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.59 -1.96 -0.81	19.91 -1.70 -0.84	19.34 -1.79 -0.55	18.11 -1.66 -0.68	20.05 -1.82 -0.21	23.50 -2.10 -0.01	22.26 -1.90 -0.67	25.76 -2.20 -0.17	26.73 -1.98 0.00	25.04 -2.12 -0.33	24.15 -2.01 -0.43	24.11 -2.03 -0.09	24.13 -1.87 -0.02	23.89 -1.61 0.00	23.85 -1.77 0.00	25.18 -2.16 0.00	26.57 -2.43 -0.03	32.39 -3.24 -0.07	32.82 -3.70 -0.63	34.58 -3.61 -1.33	36.32 -3.95 -0.78	32.22 -3.34 -0.03	29.45 -2.42 0.00	27.32 -2.09 0.00

SAWYER___23_KV_LOAD 55526	21.59 -1.96 -0.81	19.91 -1.70 -0.84	19.34 -1.79 -0.55	18.11 -1.66 -0.68	20.05 -1.82 -0.21	23.50 -2.10 -0.01	22.26 -1.90 -0.67	25.76 -2.20 -0.17	26.73 -1.98 0.00	25.04 -2.12 -0.33	24.15 -2.01 -0.43	24.11 -2.03 -0.09	24.13 -1.87 -0.02	23.89 -1.61 0.00	23.85 -1.77 0.00	25.18 -2.16 0.00	26.57 -2.43 -0.03	32.39 -3.24 -0.07	32.82 -3.70 -0.63	34.58 -3.61 -1.33	36.32 -3.95 -0.78	32.22 -3.34 -0.03	29.45 -2.42 0.00	27.32 -2.09 0.00
SELKIRK___I 23801	29.70 0.75 -6.21	27.88 0.71 -6.39	25.46 0.70 -4.18	24.93 0.65 -5.19	24.01 0.74 -1.61	26.60 0.95 -0.06	29.39 0.77 -5.12	29.98 0.92 -1.27	29.68 0.98 0.00	30.14 0.80 -2.51	29.76 0.75 -3.29	27.47 0.73 -0.70	26.92 0.78 -0.16	26.26 0.76 0.00	26.39 0.77 0.00	28.19 0.85 0.00	30.14 0.95 -0.21	37.15 1.07 -0.53	41.74 1.08 -4.78	48.22 1.18 -10.19	46.75 1.26 -6.00	37.00 1.21 -0.26	32.99 1.12 0.00	30.43 1.03 0.00
SELKIRK___II 23799	29.73 0.73 -6.27	27.92 0.68 -6.46	25.46 0.66 -4.22	24.94 0.61 -5.24	24.00 0.71 -1.62	26.52 0.87 -0.06	29.44 0.77 -5.17	29.96 0.89 -1.28	29.68 0.98 0.00	30.27 0.88 -2.55	29.92 0.85 -3.35	27.61 0.86 -0.71	27.02 0.88 -0.16	26.36 0.87 0.00	26.47 0.84 0.00	28.27 0.93 0.00	30.17 0.99 -0.21	37.23 1.14 -0.54	41.87 1.11 -4.86	48.29 1.14 -10.28	46.77 1.23 -6.06	36.93 1.14 -0.27	32.93 1.05 0.00	30.34 0.94 0.00
SENECA OSWGO___HYD 24041	22.67 -0.48 -0.41	20.77 -0.44 -0.42	20.40 -0.45 -0.28	19.02 -0.42 -0.34	21.29 -0.48 -0.11	25.06 -0.54 0.00	23.34 -0.49 -0.34	27.32 -0.56 -0.08	28.13 -0.57 0.00	26.46 -0.54 -0.17	25.43 -0.51 -0.22	25.60 -0.50 -0.05	25.50 -0.49 -0.01	25.01 -0.49 0.00	25.13 -0.49 0.00	26.82 -0.52 0.00	28.41 -0.58 -0.01	34.88 -0.71 -0.04	35.49 -0.72 -0.32	36.79 -0.74 -0.67	39.09 -0.79 -0.40	34.86 -0.68 -0.02	31.24 -0.64 0.00	28.82 -0.59 0.00
SENECA___115KV_TB3 355854	21.63 -1.96 -0.85	19.93 -1.72 -0.87	19.36 -1.79 -0.57	18.12 -1.68 -0.71	20.06 -1.82 -0.22	23.63 -1.97 -0.01	22.29 -1.90 -0.70	25.79 -2.17 -0.17	26.90 -1.81 0.00	25.08 -2.09 -0.34	24.17 -2.01 -0.45	24.11 -2.03 -0.10	24.29 -1.71 -0.02	24.04 -1.45 0.00	24.01 -1.61 0.00	25.37 -1.97 0.00	26.77 -2.23 -0.03	32.46 -3.16 -0.07	32.96 -3.59 -0.66	34.78 -3.46 -1.39	36.51 -3.79 -0.82	32.43 -3.13 -0.04	29.74 -2.14 0.00	27.61 -1.79 0.00
SENECA___ENERGY 23797	22.88 -0.52 -0.66	20.97 -0.50 -0.68	20.49 -0.54 -0.45	19.15 -0.50 -0.55	21.31 -0.52 -0.17	25.06 -0.54 -0.01	23.52 -0.52 -0.55	27.37 -0.56 -0.14	28.16 -0.55 0.00	26.51 -0.59 -0.27	25.54 -0.54 -0.35	25.58 -0.55 -0.07	25.48 -0.52 -0.02	25.04 -0.46 0.00	25.13 -0.49 0.00	26.80 -0.55 0.00	28.39 -0.61 -0.02	34.90 -0.71 -0.06	35.61 -0.74 -0.51	37.21 -0.74 -1.09	39.33 -0.79 -0.64	34.95 -0.60 -0.03	31.30 -0.57 0.00	28.90 -0.50 0.00
SHOEMAKER___GT 23640	28.55 1.14 -4.68	26.62 1.02 -4.82	24.72 0.99 -3.15	23.94 0.94 -3.91	23.96 1.08 -1.21	26.94 1.30 -0.05	28.55 1.20 -3.86	30.19 1.44 -0.96	30.17 1.46 0.00	30.08 1.34 -1.91	29.51 1.29 -2.50	27.90 1.33 -0.53	27.42 1.32 -0.12	26.80 1.30 0.00	26.93 1.31 0.00	28.79 1.45 0.00	30.70 1.56 -0.16	37.84 1.88 -0.40	41.39 1.87 -3.63	46.41 1.88 -7.68	46.02 2.01 -4.53	37.53 1.81 -0.20	33.47 1.59 0.00	30.87 1.47 0.00
SHOEMAKR_138KV_BK 111 55601	28.55 1.16 -4.65	26.59 1.02 -4.79	24.72 1.01 -3.13	23.93 0.95 -3.88	23.95 1.08 -1.20	26.94 1.31 -0.05	28.53 1.20 -3.84	30.19 1.45 -0.95	30.20 1.49 0.00	30.09 1.37 -1.89	29.52 1.31 -2.48	27.90 1.33 -0.52	27.45 1.35 -0.12	26.82 1.33 0.00	26.95 1.33 0.00	28.79 1.45 0.00	30.70 1.56 -0.16	37.84 1.88 -0.40	41.36 1.87 -3.61	46.36 1.88 -7.63	45.99 2.01 -4.50	37.53 1.81 -0.20	33.50 1.63 0.00	30.87 1.47 0.00
SHOREHAM_IC_1 23715	30.22 2.30 -5.19	28.06 1.93 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	27.95 2.30 -0.05	30.37 2.58 -4.29	31.66 2.81 -1.06	31.58 2.87 0.00	30.79 1.85 -2.11	29.70 1.21 -2.77	28.72 1.93 -0.75	28.19 1.90 -0.31	27.62 1.86 -0.26	27.84 1.90 -0.32	30.32 2.79 -0.19	32.25 2.96 -0.32	39.76 3.77 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.46 2.96 -5.02	39.37 3.63 -0.22	34.68 2.81 0.00	31.55 2.15 0.00
SHOREHAM_IC_2 23716	30.22 2.30 -5.19	28.06 1.93 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.07 2.06 -1.34	27.95 2.30 -0.05	30.37 2.58 -4.29	31.66 2.81 -1.06	31.58 2.87 0.00	30.79 1.85 -2.11	29.70 1.21 -2.77	28.72 1.93 -0.75	28.19 1.90 -0.31	27.62 1.86 -0.26	27.84 1.90 -0.32	30.32 2.79 -0.19	32.25 2.96 -0.32	39.76 3.77 -0.44	42.82 2.91 -4.03	48.24 2.88 -8.51	47.46 2.96 -5.02	39.37 3.63 -0.22	34.68 2.81 0.00	31.55 2.15 0.00
SISSONVILLE___ 23735	21.83 -0.91 0.00	23.29 -0.79 -3.29	19.86 -0.72 0.00	18.41 -0.69 0.00	20.84 -0.82 0.00	28.58 -1.05 -4.04	27.45 -0.96 -4.92	32.16 -1.22 -5.60	33.12 -1.32 -5.73	31.07 -1.21 -5.44	29.77 -1.21 -5.26	30.06 -1.30 -5.31	29.94 -1.32 -5.29	29.41 -1.30 -5.21	29.61 -1.26 -5.24	31.57 -1.29 -5.52	33.48 -1.27 -5.79	40.86 -1.49 -6.80	41.54 -1.22 -6.88	42.64 -1.29 -7.07	45.59 -1.38 -7.49	41.08 -1.28 -6.84	36.89 -1.24 -6.25	34.09 -1.18 -5.87
SITHE_IND_GS1 24169	22.37 -0.68 -0.32	20.49 -0.62 -0.33	20.16 -0.64 -0.22	18.77 -0.59 -0.27	21.07 -0.67 -0.08	24.83 -0.77 0.00	23.05 -0.70 -0.26	27.05 -0.81 -0.07	27.87 -0.83 0.00	26.16 -0.80 -0.13	25.15 -0.75 -0.17	25.33 -0.76 -0.04	25.23 -0.75 -0.01	24.78 -0.71 0.00	24.88 -0.74 0.00	26.55 -0.79 0.00	28.12 -0.87 -0.01	34.51 -1.07 -0.03	35.02 -1.11 -0.25	36.24 -1.14 -0.53	38.61 -1.18 -0.31	34.47 -1.06 -0.01	30.92 -0.96 0.00	28.52 -0.88 0.00
SITHE_IND_GS2 24170	22.37 -0.68 -0.32	20.49 -0.62 -0.33	20.16 -0.64 -0.22	18.77 -0.59 -0.27	21.07 -0.67 -0.08	24.83 -0.77 0.00	23.05 -0.70 -0.26	27.05 -0.81 -0.07	27.87 -0.83 0.00	26.16 -0.80 -0.13	25.15 -0.75 -0.17	25.33 -0.76 -0.04	25.23 -0.75 -0.01	24.78 -0.71 0.00	24.88 -0.74 0.00	26.55 -0.79 0.00	28.12 -0.87 -0.01	34.51 -1.07 -0.03	35.02 -1.11 -0.25	36.24 -1.14 -0.53	38.61 -1.18 -0.31	34.47 -1.06 -0.01	30.92 -0.96 0.00	28.52 -0.88 0.00
SITHE_IND_GS3 24171	22.37 -0.68 -0.32	20.49 -0.62 -0.33	20.16 -0.64 -0.22	18.77 -0.59 -0.27	21.07 -0.67 -0.08	24.83 -0.77 0.00	23.05 -0.70 -0.26	27.05 -0.81 -0.07	27.87 -0.83 0.00	26.16 -0.80 -0.13	25.15 -0.75 -0.17	25.33 -0.76 -0.04	25.23 -0.75 -0.01	24.78 -0.71 0.00	24.88 -0.74 0.00	26.55 -0.79 0.00	28.12 -0.87 -0.01	34.51 -1.07 -0.03	35.02 -1.11 -0.25	36.24 -1.14 -0.53	38.61 -1.18 -0.31	34.47 -1.06 -0.01	30.92 -0.96 0.00	28.52 -0.88 0.00
SITHE_IND_GS4 24172	22.37 -0.68 -0.32	20.49 -0.62 -0.33	20.16 -0.64 -0.22	18.77 -0.59 -0.27	21.07 -0.67 -0.08	24.83 -0.77 0.00	23.05 -0.70 -0.26	27.05 -0.81 -0.07	27.87 -0.83 0.00	26.16 -0.80 -0.13	25.15 -0.75 -0.17	25.33 -0.76 -0.04	25.23 -0.75 -0.01	24.78 -0.71 0.00	24.88 -0.74 0.00	26.55 -0.79 0.00	28.12 -0.87 -0.01	34.51 -1.07 -0.03	35.02 -1.11 -0.25	36.24 -1.14 -0.53	38.61 -1.18 -0.31	34.47 -1.06 -0.01	30.92 -0.96 0.00	28.52 -0.88 0.00

SITHE___BATAVIA 24024	22.14 -1.32 -0.72	20.36 -1.16 -0.74	19.81 -1.26 -0.49	18.51 -1.18 -0.60	20.62 -1.23 -0.19	24.11 -1.48 -0.01	22.77 -1.32 -0.60	26.44 -1.50 -0.15	27.33 -1.38 0.00	25.68 -1.45 -0.29	24.77 -1.34 -0.39	24.77 -1.36 -0.08	24.75 -1.25 -0.02	24.35 -1.15 0.00	24.39 -1.23 0.00	25.81 -1.53 0.00	27.29 -1.71 -0.02	33.41 -2.20 -0.06	33.94 -2.51 -0.56	35.61 -2.43 -1.18	37.65 -2.53 -0.70	33.49 -2.06 -0.03	30.22 -1.66 0.00	27.93 -1.47 0.00
SITHE___INDEPEND 23800	22.37 -0.68 -0.32	20.49 -0.62 -0.33	20.16 -0.64 -0.22	18.77 -0.59 -0.27	21.07 -0.67 -0.08	24.83 -0.77 0.00	23.05 -0.70 -0.26	27.05 -0.81 -0.07	27.88 -0.83 0.00	26.16 -0.80 -0.13	25.15 -0.75 -0.17	25.33 -0.76 -0.04	25.24 -0.75 -0.01	24.78 -0.71 0.00	24.88 -0.74 0.00	26.55 -0.79 0.00	28.12 -0.87 -0.01	34.51 -1.07 -0.03	35.02 -1.11 -0.25	36.24 -1.14 -0.53	38.57 -1.22 -0.31	34.44 -1.10 -0.01	30.92 -0.96 0.00	28.52 -0.88 0.00
SITHE___MASSENA 23902	22.42 -0.32 0.00	21.31 -0.25 -0.77	20.40 -0.19 0.00	18.90 -0.19 0.00	21.40 -0.26 0.00	26.16 -0.38 -0.95	24.30 -0.35 -1.16	28.61 -0.50 -1.32	29.51 -0.55 -1.35	27.66 -0.46 -1.28	26.47 -0.49 -1.24	26.78 -0.52 -1.25	26.65 -0.57 -1.24	26.19 -0.54 -1.23	26.37 -0.49 -1.23	28.12 -0.52 -1.30	29.84 -0.49 -1.36	36.55 -0.60 -1.60	37.11 -0.39 -1.62	38.04 -0.48 -1.66	40.77 -0.47 -1.76	36.60 -0.53 -1.61	32.87 -0.48 -1.47	30.37 -0.41 -1.38
SITHE___OGDNSBRG 24021	22.44 -0.30 0.00	22.87 -0.23 -2.32	20.40 -0.19 0.00	18.90 -0.19 0.00	21.42 -0.24 0.00	28.07 -0.36 -2.84	26.62 -0.33 -3.46	31.19 -0.53 -3.93	32.08 -0.66 -4.03	30.04 -0.62 -3.83	28.75 -0.67 -3.70	29.05 -0.73 -3.73	28.94 -0.75 -3.72	28.42 -0.74 -3.67	28.62 -0.69 -3.69	30.56 -0.66 -3.88	32.46 -0.58 -4.07	39.73 -0.60 -4.78	40.43 -0.29 -4.83	41.53 -0.29 -4.97	44.43 -0.32 -5.27	40.01 -0.32 -4.81	35.89 -0.38 -4.40	33.14 -0.38 -4.12
SITHE___STERLING 23777	23.38 0.34 -0.31	21.39 0.29 -0.32	21.05 0.27 -0.21	19.60 0.25 -0.26	22.05 0.30 -0.08	26.03 0.43 0.00	24.07 0.33 -0.25	28.27 0.42 -0.06	29.14 0.43 0.00	27.33 0.38 -0.12	26.25 0.36 -0.16	26.40 0.31 -0.03	26.35 0.36 -0.01	25.80 0.31 0.00	25.98 0.36 0.00	27.75 0.41 0.00	29.42 0.44 -0.01	36.22 0.64 -0.03	36.77 0.65 -0.24	38.06 0.70 -0.50	40.52 0.75 -0.30	36.21 0.67 -0.01	32.45 0.57 0.00	29.87 0.47 0.00
SLEIGHT__34_KV_TB1 80719	22.57 -0.77 -0.61	20.71 -0.71 -0.63	20.23 -0.76 -0.41	18.90 -0.71 -0.51	21.06 -0.76 -0.16	24.68 -0.92 -0.01	23.20 -0.80 -0.50	27.02 -0.89 -0.13	27.79 -0.92 0.00	26.25 -0.83 -0.25	25.30 -0.75 -0.33	25.39 -0.73 -0.07	25.19 -0.81 -0.02	24.81 -0.69 0.00	24.90 -0.72 0.00	26.47 -0.87 0.00	28.04 -0.96 -0.02	34.54 -1.07 -0.05	35.11 -1.26 -0.47	36.61 -1.25 -1.00	38.73 -1.34 -0.59	34.31 -1.24 -0.03	30.79 -1.08 0.00	28.43 -0.97 0.00
SOUTH CAIRO___GT 23612	29.64 0.89 -6.02	27.79 0.81 -6.19	25.41 0.78 -4.05	24.86 0.74 -5.02	24.09 0.87 -1.56	27.03 1.38 -0.06	29.39 0.94 -4.96	30.05 1.03 -1.23	30.14 1.44 0.00	30.33 1.05 -2.45	29.78 0.85 -3.21	27.48 0.76 -0.68	27.25 1.12 -0.15	26.67 1.17 0.00	26.83 1.20 0.00	28.82 1.48 0.00	31.00 1.83 -0.20	38.20 2.13 -0.51	42.43 1.94 -4.60	48.49 1.77 -9.86	47.15 1.86 -5.82	37.80 2.02 -0.26	33.72 1.85 0.00	31.08 1.68 0.00
SOUTH HAMPTN___IC 23720	30.22 2.30 -5.19	28.06 1.93 -5.34	25.99 1.91 -3.49	25.18 1.76 -4.33	25.07 2.06 -1.34	27.95 2.30 -0.05	30.37 2.58 -4.29	31.69 2.84 -1.06	31.58 2.87 0.00	30.85 1.91 -2.11	29.72 1.23 -2.77	28.77 1.98 -0.75	28.24 1.95 -0.31	27.67 1.91 -0.26	27.88 1.95 -0.32	30.32 2.79 -0.19	32.25 2.96 -0.32	39.80 3.81 -0.44	42.86 2.94 -4.03	48.28 2.91 -8.51	47.49 3.00 -5.02	39.37 3.63 -0.22	34.71 2.84 0.00	31.67 2.26 0.00
SOUTHDOW_115KV_TB1 355954	21.69 -1.98 -0.93	20.02 -1.72 -0.96	19.40 -1.81 -0.63	18.15 -1.72 -0.78	20.04 -1.86 -0.24	23.89 -1.71 -0.01	22.38 -1.88 -0.77	25.90 -2.08 -0.19	27.33 -1.38 0.00	25.28 -1.93 -0.38	24.24 -1.98 -0.50	24.17 -1.98 -0.10	24.60 -1.40 -0.02	24.37 -1.12 0.00	24.34 -1.28 0.00	25.84 -1.50 0.00	27.35 -1.65 -0.03	32.97 -2.67 -0.08	33.67 -2.94 -0.72	35.73 -2.65 -1.52	37.50 -2.88 -0.90	33.43 -2.13 -0.04	30.79 -1.08 0.00	28.61 -0.79 0.00
SOUTHOLD_69_KV_BK 2 55809	29.99 2.07 -5.19	27.97 1.85 -5.34	25.89 1.81 -3.49	25.09 1.66 -4.33	24.96 1.95 -1.34	27.84 2.20 -0.05	30.25 2.47 -4.29	31.57 2.72 -1.06	31.49 2.78 0.00	30.77 1.82 -2.11	29.85 1.36 -2.77	28.56 1.77 -0.75	28.03 1.74 -0.31	27.47 1.71 -0.26	27.68 1.74 -0.32	30.13 2.60 -0.19	32.08 2.78 -0.32	39.62 3.63 -0.44	42.64 2.73 -4.03	48.06 2.69 -8.51	47.65 3.16 -5.02	39.15 3.41 -0.22	34.52 2.65 0.00	31.81 2.41 0.00
SOUTHOLD___IC 23719	30.13 2.20 -5.19	27.97 1.85 -5.34	25.89 1.81 -3.49	25.09 1.66 -4.33	24.96 1.95 -1.34	27.84 2.20 -0.05	30.25 2.47 -4.29	31.55 2.69 -1.06	31.49 2.78 0.00	30.77 1.83 -2.11	29.49 1.00 -2.77	28.57 1.77 -0.75	28.03 1.74 -0.31	27.47 1.71 -0.26	27.68 1.74 -0.32	30.13 2.60 -0.19	32.11 2.81 -0.32	39.66 3.66 -0.44	42.64 2.73 -4.03	48.05 2.69 -8.51	47.26 2.76 -5.02	39.15 3.41 -0.22	34.52 2.64 0.00	31.61 2.21 0.00
SOUTH_FORK_WT_PWR 323839	29.90 1.98 -5.19	27.75 1.62 -5.34	25.68 1.61 -3.49	24.90 1.47 -4.33	24.74 1.73 -1.34	27.56 1.92 -0.05	30.01 2.23 -4.29	31.27 2.42 -1.06	31.18 2.47 0.00	30.47 1.53 -2.11	29.10 0.62 -2.77	28.20 1.41 -0.75	27.67 1.38 -0.31	27.13 1.38 -0.26	27.35 1.41 -0.32	29.75 2.21 -0.19	31.73 2.43 -0.32	39.19 3.20 -0.44	42.14 2.23 -4.03	47.54 2.17 -8.51	46.70 2.21 -5.02	38.66 2.91 -0.22	34.04 2.17 0.00	31.29 1.88 0.00
SPIERFLS_115KV_TB 1 80737	30.58 1.34 -6.51	28.69 1.21 -6.70	26.14 1.17 -4.38	25.60 1.07 -5.43	24.67 1.32 -1.69	27.27 1.61 -0.06	30.34 1.48 -5.37	30.87 1.75 -1.33	30.54 1.84 0.00	31.28 1.80 -2.65	30.90 1.70 -3.48	28.37 1.59 -0.74	27.71 1.56 -0.17	27.08 1.58 0.00	27.21 1.59 0.00	29.17 1.83 0.00	31.28 2.09 -0.22	38.46 2.35 -0.56	43.28 2.33 -5.06	49.96 2.43 -10.67	48.34 2.57 -6.29	38.04 2.24 -0.28	33.79 1.91 0.00	31.17 1.76 0.00
ST LAWRENCE____ 23600	22.26 -0.48 0.00	20.37 -0.42 0.00	20.23 -0.35 0.00	18.75 -0.34 0.00	21.25 -0.41 0.00	25.03 -0.56 0.00	22.97 -0.52 0.00	27.12 -0.67 0.00	27.99 -0.72 0.00	26.22 -0.62 0.00	25.08 -0.64 0.00	25.40 -0.65 0.00	25.28 -0.70 0.00	24.83 -0.66 0.00	24.98 -0.64 0.00	26.66 -0.68 0.00	28.28 -0.70 0.00	34.74 -0.82 0.00	35.17 -0.72 0.00	36.08 -0.78 0.00	38.65 -0.83 0.00	34.71 -0.82 0.00	31.17 -0.70 0.00	28.78 -0.62 0.00
STATE_CA_115KV_115_LB 55624	29.90 0.80 -6.37	28.08 0.75 -6.55	25.61 0.74 -4.29	25.08 0.67 -5.32	24.09 0.78 -1.65	26.60 0.95 -0.06	29.59 0.85 -5.25	30.09 1.06 -1.30	29.77 1.06 0.00	30.42 0.99 -2.59	30.10 0.98 -3.40	27.76 0.99 -0.72	27.13 0.99 -0.16	26.44 0.94 0.00	26.57 0.95 0.00	28.38 1.04 0.00	30.29 1.10 -0.21	37.34 1.24 -0.55	42.05 1.22 -4.94	48.58 1.29 -10.44	46.97 1.34 -6.15	37.00 1.21 -0.27	33.02 1.15 0.00	30.43 1.03 0.00

STATE_ST_34_KV_LOAD 55959	23.16 -0.23 -0.65	21.23 -0.23 -0.67	20.77 -0.25 -0.44	19.41 -0.23 -0.55	21.59 -0.24 -0.17	25.37 -0.23 -0.01	23.82 -0.21 -0.54	27.73 -0.19 -0.13	28.54 -0.17 0.00	26.88 -0.21 -0.27	25.87 -0.21 -0.35	25.94 -0.18 -0.07	25.82 -0.18 -0.02	25.37 -0.13 0.00	25.49 -0.13 0.00	27.21 -0.14 0.00	28.82 -0.17 -0.02	35.47 -0.14 -0.06	36.18 -0.22 -0.51	37.75 -0.18 -1.07	39.91 -0.20 -0.63	35.34 -0.21 -0.03	31.68 -0.19 0.00	29.23 -0.18 0.00
STATION_5_MISC_HYD 23604	22.47 -0.89 -0.63	20.62 -0.81 -0.64	20.14 -0.86 -0.42	18.80 -0.82 -0.52	20.96 -0.87 -0.16	24.47 -1.13 -0.01	23.09 -0.92 -0.52	26.89 -1.03 -0.13	27.62 -1.09 0.00	26.09 -0.99 -0.25	25.18 -0.87 -0.33	25.26 -0.86 -0.07	25.11 -0.88 -0.02	24.66 -0.84 0.00	24.75 -0.87 0.00	26.25 -1.09 0.00	27.75 -1.25 -0.02	34.18 -1.42 -0.05	34.72 -1.65 -0.49	36.26 -1.62 -1.03	38.39 -1.70 -0.60	33.99 -1.56 -0.03	30.57 -1.31 0.00	28.23 -1.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.69 -0.68 -0.64	20.79 -0.64 -0.66	20.31 -0.70 -0.43	18.98 -0.65 -0.53	21.13 -0.69 -0.16	24.78 -0.82 -0.01	23.31 -0.70 -0.53	27.14 -0.78 -0.13	27.90 -0.80 0.00	26.31 -0.78 -0.26	25.39 -0.67 -0.34	25.44 -0.68 -0.07	25.30 -0.70 -0.02	24.88 -0.61 0.00	24.98 -0.64 0.00	26.55 -0.79 0.00	28.13 -0.87 -0.02	34.61 -1.00 -0.05	35.23 -1.15 -0.49	36.76 -1.14 -1.04	38.91 -1.18 -0.62	34.41 -1.14 -0.03	30.95 -0.92 0.00	28.58 -0.82 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.40 -0.95 -0.62	20.55 -0.87 -0.64	20.05 -0.95 -0.42	18.73 -0.88 -0.52	20.89 -0.93 -0.16	24.39 -1.20 -0.01	23.02 -0.99 -0.51	26.80 -1.11 -0.13	27.53 -1.18 0.00	26.01 -1.07 -0.25	25.13 -0.93 -0.33	25.18 -0.94 -0.07	24.96 -1.04 -0.02	24.60 -0.89 0.00	24.67 -0.95 0.00	26.19 -1.15 0.00	27.72 -1.27 -0.02	34.11 -1.49 -0.05	34.65 -1.72 -0.48	36.18 -1.70 -1.02	38.26 -1.82 -0.60	33.81 -1.74 -0.03	30.47 -1.40 0.00	28.14 -1.26 0.00
STA_56___34_KV_BUS2 355983	22.40 -0.95 -0.62	20.55 -0.87 -0.64	20.05 -0.95 -0.42	18.73 -0.88 -0.52	20.89 -0.93 -0.16	24.39 -1.20 -0.01	23.02 -0.99 -0.51	26.80 -1.11 -0.13	27.53 -1.18 0.00	26.01 -1.07 -0.25	25.13 -0.93 -0.33	25.18 -0.94 -0.07	24.96 -1.04 -0.02	24.60 -0.89 0.00	24.67 -0.95 0.00	26.19 -1.15 0.00	27.72 -1.27 -0.02	34.11 -1.49 -0.05	34.65 -1.72 -0.48	36.18 -1.70 -1.02	38.26 -1.82 -0.60	33.81 -1.74 -0.03	30.47 -1.40 0.00	28.14 -1.26 0.00
STA_67___115KV_BK2 355882	22.43 -0.93 -0.63	20.57 -0.85 -0.64	20.10 -0.91 -0.42	18.76 -0.86 -0.52	20.91 -0.91 -0.16	24.42 -1.18 -0.01	23.07 -0.94 -0.52	26.83 -1.08 -0.13	27.59 -1.12 0.00	26.04 -1.05 -0.25	25.16 -0.90 -0.33	25.21 -0.91 -0.07	24.98 -1.01 -0.02	24.63 -0.87 0.00	24.70 -0.92 0.00	26.19 -1.15 0.00	27.72 -1.27 -0.02	34.15 -1.46 -0.05	34.65 -1.72 -0.49	36.19 -1.70 -1.03	38.27 -1.82 -0.60	33.84 -1.71 -0.03	30.47 -1.40 0.00	28.17 -1.23 0.00
STA_7___115KV_9TRANS 80674	22.56 -0.80 -0.63	20.70 -0.73 -0.64	20.20 -0.80 -0.42	18.85 -0.76 -0.52	21.02 -0.80 -0.16	24.57 -1.02 -0.01	23.19 -0.82 -0.52	26.97 -0.94 -0.13	27.73 -0.98 0.00	26.20 -0.89 -0.25	25.31 -0.75 -0.33	25.39 -0.73 -0.07	25.16 -0.83 -0.02	24.81 -0.69 0.00	24.85 -0.77 0.00	26.39 -0.96 0.00	27.92 -1.07 -0.02	34.40 -1.21 -0.05	34.90 -1.47 -0.49	36.45 -1.44 -1.03	38.54 -1.54 -0.60	34.09 -1.46 -0.03	30.70 -1.18 0.00	28.37 -1.03 0.00
STA_82___115KV_TB1 80780	22.43 -0.93 -0.63	20.58 -0.85 -0.65	20.10 -0.91 -0.42	18.76 -0.86 -0.53	20.94 -0.89 -0.16	24.45 -1.15 -0.01	23.07 -0.94 -0.52	26.86 -1.06 -0.13	27.59 -1.12 0.00	26.07 -1.02 -0.26	25.16 -0.90 -0.34	25.21 -0.91 -0.07	24.98 -1.01 -0.02	24.63 -0.87 0.00	24.70 -0.92 0.00	26.19 -1.15 0.00	27.72 -1.27 -0.02	34.15 -1.46 -0.05	34.65 -1.72 -0.49	36.19 -1.70 -1.03	38.27 -1.82 -0.61	33.84 -1.71 -0.03	30.51 -1.37 0.00	28.20 -1.21 0.00
STEEL___WIND 323596	21.58 -2.00 -0.85	19.91 -1.75 -0.87	19.32 -1.83 -0.57	18.08 -1.72 -0.71	20.02 -1.86 -0.22	23.60 -2.00 -0.01	22.24 -1.95 -0.70	25.74 -2.22 -0.17	26.87 -1.84 0.00	25.03 -2.15 -0.34	24.12 -2.06 -0.45	24.06 -2.08 -0.10	24.31 -1.69 -0.02	23.94 -1.56 0.00	23.96 -1.66 0.00	25.35 -1.99 0.00	26.74 -2.26 -0.03	32.35 -3.27 -0.07	32.92 -3.62 -0.66	34.71 -3.54 -1.39	36.51 -3.79 -0.82	32.82 -2.73 -0.04	29.74 -2.14 0.00	27.58 -1.82 0.00
STEPHTWN_115KV_BK_2 55603	29.94 0.91 -6.30	28.12 0.85 -6.48	25.64 0.82 -4.24	25.12 0.76 -5.26	24.18 0.89 -1.63	26.75 1.10 -0.06	29.65 0.96 -5.19	30.22 1.14 -1.29	29.94 1.23 0.00	30.55 1.15 -2.56	30.19 1.11 -3.36	27.88 1.12 -0.71	27.26 1.12 -0.16	26.57 1.07 0.00	26.70 1.08 0.00	28.55 1.20 0.00	30.46 1.27 -0.21	37.55 1.46 -0.54	42.22 1.44 -4.89	48.70 1.51 -10.33	47.15 1.58 -6.09	37.21 1.42 -0.27	33.21 1.34 0.00	30.61 1.21 0.00
STEUBEN_REC_LFGE 323667	22.47 -1.39 -1.13	20.65 -1.29 -1.16	19.98 -1.36 -0.76	18.77 -1.26 -0.94	20.59 -1.36 -0.29	24.32 -1.28 -0.01	23.03 -1.39 -0.93	26.55 -1.47 -0.23	27.39 -1.32 0.00	25.73 -1.56 -0.46	24.78 -1.54 -0.60	24.61 -1.56 -0.13	24.63 -1.38 -0.03	24.32 -1.17 0.00	24.42 -1.20 0.00	25.98 -1.37 0.00	27.48 -1.54 -0.04	33.62 -2.03 -0.10	34.64 -2.12 -0.87	36.71 -1.99 -1.84	38.51 -2.05 -1.09	33.94 -1.63 -0.05	30.73 -1.15 0.00	28.49 -0.91 0.00
STILLWATER___SOLAR 323814	30.50 1.30 -6.47	28.62 1.18 -6.66	26.09 1.15 -4.35	25.54 1.05 -5.40	24.71 1.39 -1.66	27.32 1.66 -0.06	30.29 1.50 -5.29	30.88 1.78 -1.31	30.57 1.86 0.00	31.22 1.77 -2.61	30.82 1.67 -3.43	28.36 1.59 -0.72	27.73 1.59 -0.16	27.05 1.56 0.00	27.16 1.54 0.00	29.09 1.75 0.00	31.10 1.91 -0.22	38.21 2.10 -0.56	43.03 2.12 -5.02	49.67 2.21 -10.60	48.10 2.37 -6.25	37.93 2.13 -0.28	33.69 1.82 0.00	31.08 1.68 0.00
STONY___BROOK 24151	30.29 2.36 -5.19	28.10 1.98 -5.34	26.01 1.93 -3.49	25.22 1.79 -4.33	25.09 2.08 -1.34	28.02 2.38 -0.05	30.43 2.65 -4.29	31.74 2.89 -1.06	31.64 2.93 0.00	31.15 2.20 -2.11	30.24 1.75 -2.77	29.30 2.50 -0.75	28.79 2.49 -0.31	28.18 2.42 -0.26	28.40 2.46 -0.32	30.54 3.01 -0.19	32.46 3.16 -0.32	39.97 3.98 -0.44	43.04 3.12 -4.03	48.46 3.10 -8.51	47.81 3.32 -5.02	39.55 3.80 -0.22	35.03 3.16 0.00	31.90 2.50 0.00
STURGEON_POOL_HYD 23609	29.33 1.32 -5.28	27.38 1.16 -5.43	25.27 1.13 -3.55	24.59 1.09 -4.41	24.26 1.23 -1.37	27.26 1.61 -0.05	29.21 1.36 -4.35	30.48 1.61 -1.08	30.54 1.84 0.00	30.51 1.53 -2.15	30.01 1.47 -2.82	28.15 1.51 -0.60	27.75 1.64 -0.13	27.13 1.63 0.00	27.24 1.61 0.00	29.12 1.78 0.00	31.06 1.91 -0.18	38.24 2.24 -0.45	42.09 2.12 -4.08	47.69 2.17 -8.65	46.95 2.37 -5.10	38.02 2.27 -0.22	33.88 2.01 0.00	31.23 1.82 0.00
ST_LAW_115_BK7_LBMP 345037	22.23 -0.50 0.00	20.37 -0.42 0.00	20.21 -0.37 0.00	18.75 -0.34 0.00	21.23 -0.43 0.00	25.00 -0.59 0.00	22.97 -0.52 0.00	27.10 -0.69 0.00	27.96 -0.75 0.00	26.19 -0.64 0.00	25.05 -0.67 0.00	25.37 -0.68 0.00	25.25 -0.73 0.00	24.78 -0.71 0.00	24.93 -0.69 0.00	26.63 -0.71 0.00	28.25 -0.72 0.00	34.66 -0.89 0.00	35.13 -0.76 0.00	36.05 -0.81 0.00	38.61 -0.87 0.00	34.71 -0.82 0.00	31.14 -0.73 0.00	28.76 -0.65 0.00

ST_LAW_115_BK8_LBMP 345038	22.23 -0.50 0.00	20.37 -0.42 0.00	20.21 -0.37 0.00	18.75 -0.34 0.00	21.23 -0.43 0.00	25.00 -0.59 0.00	22.97 -0.52 0.00	27.10 -0.69 0.00	27.96 -0.75 0.00	26.19 -0.64 0.00	25.05 -0.67 0.00	25.37 -0.68 0.00	25.25 -0.73 0.00	24.78 -0.71 0.00	24.93 -0.69 0.00	26.63 -0.71 0.00	28.25 -0.72 0.00	34.66 -0.89 0.00	35.13 -0.76 0.00	36.05 -0.81 0.00	38.61 -0.87 0.00	34.71 -0.82 0.00	31.14 -0.73 0.00	28.76 -0.65 0.00
ST_LAW_230_BK5_LBMP 345035	22.26 -0.48 0.00	20.37 -0.42 0.00	20.23 -0.35 0.00	18.75 -0.34 0.00	21.25 -0.41 0.00	25.03 -0.56 0.00	22.97 -0.52 0.00	27.12 -0.67 0.00	27.99 -0.72 0.00	26.22 -0.62 0.00	25.08 -0.64 0.00	25.40 -0.65 0.00	25.28 -0.70 0.00	24.83 -0.66 0.00	24.98 -0.64 0.00	26.66 -0.68 0.00	28.28 -0.70 0.00	34.74 -0.82 0.00	35.17 -0.72 0.00	36.08 -0.78 0.00	38.65 -0.83 0.00	34.71 -0.82 0.00	31.17 -0.70 0.00	28.78 -0.62 0.00
ST_LAW_230_BK6_LBMP 345036	22.26 -0.48 0.00	20.37 -0.42 0.00	20.23 -0.35 0.00	18.75 -0.34 0.00	21.25 -0.41 0.00	25.03 -0.56 0.00	22.97 -0.52 0.00	27.12 -0.67 0.00	27.99 -0.72 0.00	26.22 -0.62 0.00	25.08 -0.64 0.00	25.40 -0.65 0.00	25.28 -0.70 0.00	24.83 -0.66 0.00	24.98 -0.64 0.00	26.66 -0.68 0.00	28.28 -0.70 0.00	34.74 -0.82 0.00	35.17 -0.72 0.00	36.08 -0.78 0.00	38.65 -0.83 0.00	34.71 -0.82 0.00	31.17 -0.70 0.00	28.78 -0.62 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.82 1.30 -4.78	26.85 1.14 -4.93	24.93 1.13 -3.22	24.16 1.07 -4.00	24.12 1.21 -1.24	27.10 1.46 -0.05	28.80 1.36 -3.95	30.41 1.64 -0.98	30.40 1.69 0.00	30.34 1.56 -1.95	29.77 1.49 -2.55	28.13 1.54 -0.54	27.64 1.53 -0.12	27.03 1.53 0.00	27.13 1.51 0.00	29.01 1.67 0.00	30.93 1.80 -0.16	38.10 2.13 -0.41	41.68 2.08 -3.71	46.84 2.14 -7.84	46.39 2.29 -4.62	37.75 2.02 -0.20	33.69 1.82 0.00	31.05 1.65 0.00
SWANROAD_115KV_TB1 355699	21.24 -2.27 -0.78	19.59 -2.00 -0.80	19.03 -2.08 -0.52	17.80 -1.95 -0.65	19.74 -2.12 -0.20	23.04 -2.56 -0.01	21.90 -2.23 -0.64	25.36 -2.58 -0.16	26.21 -2.50 0.00	24.63 -2.52 -0.32	23.77 -2.37 -0.42	23.71 -2.42 -0.09	23.66 -2.34 -0.02	23.43 -2.07 0.00	23.39 -2.23 0.00	24.69 -2.65 0.00	26.04 -2.96 -0.03	31.78 -3.84 -0.07	32.22 -4.27 -0.60	33.82 -4.31 -1.27	35.61 -4.62 -0.75	31.54 -4.01 -0.03	28.82 -3.06 0.00	26.73 -2.68 0.00
SYNERGY___BIOGAS 323694	22.14 -1.32 -0.72	20.36 -1.16 -0.74	19.81 -1.26 -0.49	18.51 -1.18 -0.60	20.61 -1.23 -0.19	24.11 -1.48 -0.01	22.77 -1.32 -0.60	26.44 -1.50 -0.15	27.33 -1.38 0.00	25.68 -1.45 -0.29	24.80 -1.31 -0.39	24.78 -1.35 -0.08	24.67 -1.32 -0.02	24.37 -1.12 0.00	24.39 -1.23 0.00	25.81 -1.53 0.00	27.29 -1.71 -0.02	33.44 -2.17 -0.06	33.94 -2.51 -0.56	35.61 -2.43 -1.18	37.61 -2.57 -0.70	33.24 -2.31 -0.03	30.19 -1.69 0.00	27.93 -1.47 0.00
SYRACUSE___ENERGY_ST1 323597	23.05 -0.20 -0.52	21.12 -0.21 -0.54	20.71 -0.23 -0.35	19.34 -0.19 -0.44	21.58 -0.22 -0.14	25.37 -0.23 -0.01	23.71 -0.21 -0.43	27.67 -0.22 -0.11	28.48 -0.23 0.00	26.83 -0.21 -0.21	25.80 -0.21 -0.28	25.93 -0.18 -0.06	25.81 -0.18 -0.01	25.34 -0.15 0.00	25.47 -0.15 0.00	27.15 -0.19 0.00	28.79 -0.20 -0.02	35.35 -0.25 -0.05	36.01 -0.29 -0.41	37.42 -0.29 -0.86	39.67 -0.32 -0.51	35.26 -0.28 -0.02	31.62 -0.26 0.00	29.17 -0.24 0.00
SYRACUSE___ENERGY_ST2 323598	23.05 -0.20 -0.52	21.12 -0.21 -0.54	20.71 -0.23 -0.35	19.34 -0.19 -0.44	21.58 -0.22 -0.14	25.37 -0.23 -0.01	23.71 -0.21 -0.43	27.67 -0.22 -0.11	28.48 -0.23 0.00	26.83 -0.21 -0.21	25.80 -0.21 -0.28	25.93 -0.18 -0.06	25.81 -0.18 -0.01	25.34 -0.15 0.00	25.47 -0.15 0.00	27.15 -0.19 0.00	28.79 -0.20 -0.02	35.35 -0.25 -0.05	36.01 -0.29 -0.41	37.42 -0.29 -0.86	39.67 -0.32 -0.51	35.26 -0.28 -0.02	31.62 -0.26 0.00	29.17 -0.24 0.00
SYRACUSE___POWER 24017	23.06 -0.23 -0.55	21.12 -0.23 -0.56	20.70 -0.25 -0.37	19.32 -0.23 -0.46	21.54 -0.26 -0.14	25.34 -0.26 -0.01	23.69 -0.26 -0.45	27.62 -0.28 -0.11	28.45 -0.26 0.00	26.79 -0.27 -0.22	25.78 -0.23 -0.29	25.88 -0.23 -0.06	25.76 -0.23 -0.01	25.32 -0.18 0.00	25.44 -0.18 0.00	27.12 -0.22 0.00	28.73 -0.26 -0.02	35.31 -0.28 -0.05	35.95 -0.36 -0.43	37.42 -0.33 -0.90	39.65 -0.36 -0.53	35.23 -0.32 -0.02	31.59 -0.29 0.00	29.14 -0.26 0.00
TALLMAN___138KV_BK151 55660	29.13 1.48 -4.92	27.15 1.31 -5.06	25.17 1.28 -3.31	24.42 1.22 -4.11	24.32 1.39 -1.27	27.30 1.66 -0.05	29.10 1.55 -4.06	30.69 1.89 -1.01	30.66 1.95 0.00	30.63 1.80 -2.00	30.07 1.72 -2.62	28.37 1.77 -0.55	27.87 1.77 -0.13	27.26 1.76 0.00	27.36 1.74 0.00	29.26 1.91 0.00	31.17 2.03 -0.17	38.43 2.45 -0.42	42.07 2.37 -3.81	47.31 2.40 -8.06	46.84 2.61 -4.75	38.04 2.31 -0.21	33.95 2.07 0.00	31.26 1.85 0.00
TEALLAVE_115KV_TB7 355573	22.90 -0.30 -0.46	20.96 -0.29 -0.47	20.58 -0.31 -0.31	19.19 -0.29 -0.38	21.48 -0.30 -0.12	25.26 -0.33 0.00	23.56 -0.31 -0.38	27.55 -0.33 -0.09	28.36 -0.34 0.00	26.70 -0.32 -0.19	25.66 -0.31 -0.24	25.81 -0.29 -0.05	25.71 -0.29 -0.01	25.24 -0.25 0.00	25.37 -0.26 0.00	27.04 -0.30 0.00	28.64 -0.35 -0.02	35.20 -0.39 -0.04	35.78 -0.47 -0.36	37.17 -0.44 -0.75	39.45 -0.47 -0.44	35.08 -0.46 -0.02	31.49 -0.38 0.00	29.05 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	21.77 -1.71 -0.74	20.03 -1.52 -0.77	19.50 -1.58 -0.50	18.23 -1.49 -0.62	20.25 -1.60 -0.19	23.68 -1.92 -0.01	22.41 -1.69 -0.61	26.00 -1.95 -0.15	26.90 -1.81 0.00	25.26 -1.88 -0.30	24.37 -1.75 -0.40	24.36 -1.77 -0.08	24.28 -1.71 -0.02	24.02 -1.48 0.00	24.01 -1.61 0.00	25.37 -1.97 0.00	26.80 -2.20 -0.03	32.77 -2.84 -0.06	33.24 -3.23 -0.58	34.87 -3.21 -1.22	36.76 -3.43 -0.72	32.53 -3.02 -0.03	29.61 -2.26 0.00	27.43 -1.97 0.00
TEMPLE___115KV_TB 2 55572	22.90 -0.30 -0.46	20.99 -0.27 -0.48	20.60 -0.29 -0.31	19.21 -0.27 -0.39	21.48 -0.30 -0.12	25.26 -0.33 0.00	23.57 -0.31 -0.38	27.55 -0.33 -0.10	28.39 -0.32 0.00	26.70 -0.32 -0.19	25.69 -0.28 -0.25	25.84 -0.26 -0.05	25.71 -0.29 -0.01	25.27 -0.23 0.00	25.39 -0.23 0.00	27.07 -0.27 0.00	28.67 -0.32 -0.02	35.20 -0.39 -0.04	35.82 -0.43 -0.36	37.18 -0.44 -0.76	39.45 -0.47 -0.45	35.12 -0.43 -0.02	31.49 -0.38 0.00	29.08 -0.32 0.00
TIANA____69_KV_BK 1 55817	30.13 2.21 -5.19	28.08 1.95 -5.34	26.01 1.93 -3.49	25.22 1.79 -4.33	25.09 2.08 -1.34	28.00 2.35 -0.05	30.39 2.61 -4.29	31.74 2.89 -1.06	31.64 2.93 0.00	30.90 1.96 -2.11	30.16 1.67 -2.77	28.83 2.03 -0.75	28.29 2.00 -0.31	27.72 1.96 -0.26	27.94 2.00 -0.32	30.38 2.84 -0.19	32.31 3.01 -0.32	39.83 3.84 -0.44	42.93 3.01 -4.03	48.35 2.99 -8.51	47.97 3.47 -5.02	39.44 3.69 -0.22	34.78 2.90 0.00	31.90 2.50 0.00
TILDEN___115KV_TB1 80814	23.06 -0.23 -0.55	21.12 -0.23 -0.56	20.70 -0.25 -0.37	19.32 -0.23 -0.46	21.54 -0.26 -0.14	25.34 -0.26 -0.01	23.69 -0.26 -0.45	27.62 -0.28 -0.11	28.45 -0.26 0.00	26.79 -0.27 -0.22	25.78 -0.23 -0.29	25.88 -0.23 -0.06	25.76 -0.23 -0.01	25.32 -0.18 0.00	25.44 -0.18 0.00	27.12 -0.22 0.00	28.73 -0.26 -0.02	35.31 -0.28 -0.05	35.95 -0.36 -0.43	37.42 -0.33 -0.90	39.65 -0.36 -0.53	35.23 -0.32 -0.02	31.59 -0.29 0.00	29.14 -0.26 0.00

TRIGEN___CC 323695	29.92 2.00 -5.19	27.87 1.75 -5.34	25.78 1.71 -3.49	25.01 1.58 -4.33	24.83 1.82 -1.34	27.77 2.12 -0.05	30.16 2.37 -4.30	31.44 2.58 -1.06	31.29 2.58 0.00	31.09 2.15 -2.11	30.75 2.26 -2.77	29.73 2.66 -1.03	29.25 2.65 -0.62	28.79 2.58 -0.72	29.08 2.59 -0.87	30.61 2.73 -0.53	32.43 2.87 -0.58	39.44 3.45 -0.44	42.71 2.80 -4.03	48.13 2.76 -8.51	47.57 3.08 -5.02	38.94 3.20 -0.22	34.68 2.81 0.00	31.81 2.41 0.00
TRINITY___115KV___4 BK 55933	29.80 0.75 -6.31	28.01 0.73 -6.50	25.53 0.70 -4.25	25.01 0.65 -5.27	24.06 0.76 -1.63	26.58 0.92 -0.06	29.50 0.80 -5.21	30.03 0.94 -1.29	29.74 1.03 0.00	30.34 0.94 -2.57	30.02 0.93 -3.37	27.70 0.94 -0.71	27.08 0.94 -0.16	26.39 0.89 0.00	26.52 0.90 0.00	28.33 0.98 0.00	30.20 1.01 -0.21	37.27 1.17 -0.54	41.94 1.15 -4.90	48.39 1.18 -10.35	46.80 1.22 -6.10	36.93 1.14 -0.27	32.96 1.08 0.00	30.37 0.97 0.00
UNION___PROCESSING_DRP 323587	22.45 -0.91 -0.63	20.60 -0.83 -0.65	20.10 -0.91 -0.42	18.76 -0.86 -0.53	20.94 -0.89 -0.16	24.45 -1.15 -0.01	23.07 -0.94 -0.52	26.86 -1.06 -0.13	27.59 -1.12 0.00	26.07 -1.02 -0.26	25.16 -0.90 -0.34	25.23 -0.89 -0.07	25.01 -0.99 -0.02	24.65 -0.84 0.00	24.70 -0.92 0.00	26.19 -1.15 0.00	27.72 -1.27 -0.02	34.15 -1.46 -0.05	34.65 -1.72 -0.49	36.19 -1.70 -1.03	38.27 -1.82 -0.61	33.84 -1.71 -0.03	30.51 -1.37 0.00	28.20 -1.21 0.00
UPPER HUDSON___HYD 24058	30.58 1.34 -6.51	28.69 1.20 -6.70	26.14 1.17 -4.38	25.60 1.07 -5.43	24.67 1.32 -1.69	27.27 1.61 -0.06	30.35 1.48 -5.37	30.87 1.75 -1.33	30.55 1.84 0.00	31.28 1.80 -2.65	30.90 1.70 -3.48	28.37 1.59 -0.74	27.71 1.56 -0.17	27.08 1.58 0.00	27.21 1.59 0.00	29.17 1.83 0.00	31.28 2.09 -0.22	38.42 2.31 -0.56	43.27 2.33 -5.05	49.96 2.43 -10.67	48.33 2.56 -6.29	38.07 2.28 -0.28	33.79 1.91 0.00	31.14 1.73 0.00
UPPER RAQUET___HYD 24056	21.82 -0.91 0.00	23.29 -0.79 -3.29	19.86 -0.72 0.00	18.41 -0.69 0.00	20.84 -0.82 0.00	28.58 -1.05 -4.04	27.45 -0.96 -4.92	32.16 -1.22 -5.60	33.12 -1.32 -5.73	31.07 -1.21 -5.44	29.77 -1.21 -5.26	30.06 -1.30 -5.31	29.91 -1.35 -5.29	29.41 -1.30 -5.21	29.61 -1.25 -5.24	31.57 -1.28 -5.52	33.48 -1.27 -5.79	40.86 -1.49 -6.80	41.54 -1.22 -6.88	42.63 -1.29 -7.07	45.59 -1.38 -7.49	40.97 -1.39 -6.84	36.89 -1.24 -6.25	34.09 -1.18 -5.87
VALLEY44_115KV_TB2 355964	21.45 -2.25 -0.97	19.76 -2.02 -1.00	19.18 -2.06 -0.65	17.97 -1.93 -0.81	19.81 -2.10 -0.25	24.01 -1.59 -0.01	22.11 -2.18 -0.80	25.51 -2.47 -0.20	27.16 -1.55 0.00	24.73 -2.50 -0.39	23.77 -2.47 -0.52	23.68 -2.47 -0.11	24.45 -1.56 -0.02	24.17 -1.33 0.00	24.14 -1.49 0.00	25.57 -1.78 0.00	26.92 -2.09 -0.03	32.01 -3.63 -0.08	32.69 -3.95 -0.75	34.61 -3.83 -1.59	36.27 -4.15 -0.94	32.47 -3.09 -0.04	30.03 -1.85 0.00	27.99 -1.41 0.00
VALLEY___115KV_TB 1-4 80826	22.60 -0.14 0.00	20.64 -0.15 0.00	20.42 -0.16 0.00	18.94 -0.15 0.00	21.51 -0.15 0.00	25.46 -0.13 0.00	23.33 -0.16 0.00	27.59 -0.19 0.00	28.51 -0.20 0.00	26.67 -0.16 0.00	25.57 -0.15 0.00	25.87 -0.18 0.00	25.75 -0.23 0.00	25.22 -0.28 0.00	25.31 -0.31 0.00	27.01 -0.33 0.00	28.60 -0.38 0.00	35.12 -0.43 0.00	35.46 -0.43 0.00	36.42 -0.44 0.00	39.01 -0.47 0.00	35.06 -0.46 0.00	31.46 -0.41 0.00	28.99 -0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.11 1.14 -2.24	24.11 1.02 -2.31	23.06 0.97 -1.51	21.86 0.90 -1.87	23.28 1.04 -0.58	26.97 1.36 -0.02	26.49 1.15 -1.85	29.67 1.42 -0.46	30.23 1.52 0.00	29.14 1.40 -0.91	28.26 1.34 -1.20	27.60 1.30 -0.25	27.39 1.35 -0.06	26.82 1.33 0.00	26.98 1.36 0.00	28.82 1.48 0.00	30.61 1.56 -0.08	37.70 1.96 -0.19	39.60 1.97 -1.74	42.56 2.03 -3.68	43.78 2.13 -2.17	37.54 1.92 -0.10	33.63 1.75 0.00	30.96 1.56 0.00
VISCHER___FERRY HYD 24020	30.20 1.07 -6.39	28.34 0.98 -6.58	25.85 0.97 -4.30	25.31 0.88 -5.34	24.38 1.06 -1.65	26.93 1.28 -0.06	29.93 1.17 -5.26	30.48 1.39 -1.31	30.17 1.46 0.00	30.80 1.37 -2.60	30.44 1.31 -3.41	28.07 1.30 -0.72	27.47 1.32 -0.16	26.75 1.25 0.00	26.85 1.23 0.00	28.68 1.34 0.00	30.61 1.42 -0.22	37.77 1.67 -0.55	42.54 1.69 -4.96	49.11 1.77 -10.48	47.55 1.89 -6.18	37.50 1.71 -0.27	33.37 1.50 0.00	30.76 1.35 0.00
V_A_10_SYNC_DSASP 323832	21.89 -1.55 -0.70	20.15 -1.35 -0.72	19.63 -1.42 -0.47	18.34 -1.34 -0.59	20.41 -1.43 -0.18	23.73 -1.87 -0.01	22.57 -1.50 -0.58	26.21 -1.72 -0.14	26.90 -1.81 0.00	25.43 -1.69 -0.29	24.50 -1.59 -0.37	24.54 -1.59 -0.08	24.39 -1.61 -0.02	23.99 -1.50 0.00	24.01 -1.61 0.00	25.40 -1.94 0.00	26.82 -2.17 -0.02	32.98 -2.63 -0.06	33.45 -2.98 -0.54	35.06 -2.95 -1.15	36.96 -3.20 -0.68	32.75 -2.81 -0.03	29.61 -2.26 0.00	27.43 -1.97 0.00
V_CMM_10_SYNC_DSASP 323787	22.33 -0.41 0.00	20.45 -0.33 0.00	20.29 -0.29 0.00	18.83 -0.27 0.00	21.32 -0.35 0.00	25.10 -0.49 0.00	23.07 -0.42 0.00	27.20 -0.58 0.00	28.08 -0.63 0.00	26.27 -0.56 0.00	25.16 -0.57 0.00	25.45 -0.60 0.00	25.33 -0.65 0.00	24.88 -0.61 0.00	25.03 -0.59 0.00	26.71 -0.63 0.00	28.36 -0.61 0.00	34.80 -0.75 0.00	35.28 -0.61 0.00	36.20 -0.66 0.00	38.81 -0.67 0.00	34.85 -0.68 0.00	31.27 -0.61 0.00	28.88 -0.53 0.00
V_CMP_10_SYNC_DSASP 323788	21.82 -0.91 0.00	0.14 -0.79 19.85	20.05 -0.54 0.00	18.58 -0.51 0.00	20.97 -0.69 0.00	0.20 -1.05 24.34	-7.08 -0.92 29.66	-7.11 -1.17 33.74	-7.09 -1.23 34.56	-7.09 -1.10 32.82	-7.08 -1.11 31.70	-7.14 -1.17 32.01	-7.13 -1.25 31.87	-7.13 -1.20 31.43	-7.14 -1.15 31.60	-7.14 -1.23 33.25	-7.12 -1.22 34.87	-6.92 -1.49 40.98	-6.85 -1.29 41.44	-7.13 -1.40 42.59	-7.14 -1.46 45.16	-7.13 -1.46 41.19	-7.15 -1.34 37.69	-7.15 -1.21 35.35
V_D_10_SYNC_DSASP 323841	22.42 -0.32 0.00	21.27 -0.25 -0.74	20.40 -0.19 0.00	18.90 -0.19 0.00	21.40 -0.26 0.00	26.11 -0.38 -0.91	24.27 -0.33 -1.10	28.57 -0.47 -1.25	29.48 -0.52 -1.28	27.60 -0.46 -1.22	26.41 -0.49 -1.18	26.72 -0.52 -1.19	26.59 -0.57 -1.18	26.13 -0.54 -1.17	26.31 -0.49 -1.17	28.06 -0.52 -1.24	29.78 -0.49 -1.30	36.47 -0.60 -1.52	37.04 -0.39 -1.54	38.00 -0.44 -1.58	40.69 -0.47 -1.68	36.52 -0.53 -1.53	32.80 -0.48 -1.40	30.31 -0.41 -1.31
V_E_10_SYNC_DSASP 323830	25.11 0.77 -1.60	23.09 0.66 -1.65	22.23 0.58 -1.08	21.00 0.57 -1.34	22.81 0.74 -0.41	26.73 1.12 -0.02	25.68 0.87 -1.32	29.20 1.08 -0.33	29.83 1.12 0.00	28.45 0.96 -0.65	27.48 0.90 -0.85	27.01 0.78 -0.18	26.88 0.86 -0.04	26.29 0.79 0.00	26.52 0.90 0.00	28.38 1.04 0.00	30.22 1.19 -0.05	37.36 1.67 -0.14	38.96 1.83 -1.24	41.47 1.99 -2.62	43.04 2.01 -1.55	37.54 1.95 -0.07	33.56 1.69 0.00	30.87 1.47 0.00
V_F_30_NSYNC___DSASP 323816	30.53 1.32 -6.48	28.65 1.20 -6.67	26.11 1.17 -4.36	25.57 1.07 -5.41	24.75 1.43 -1.66	27.37 1.71 -0.06	30.36 1.57 -5.29	30.94 1.83 -1.31	30.63 1.92 0.00	31.29 1.85 -2.61	30.87 1.72 -3.43	28.44 1.67 -0.72	27.81 1.66 -0.16	27.13 1.63 0.00	27.24 1.62 0.00	29.17 1.83 0.00	31.19 2.00 -0.22	38.28 2.17 -0.56	43.10 2.19 -5.03	49.72 2.25 -10.62	48.15 2.41 -6.26	37.97 2.17 -0.28	33.72 1.85 0.00	31.11 1.70 0.00

WEST BABYLON___IC 23714	30.24 2.32 -5.19	28.14 2.02 -5.34	26.03 1.96 -3.49	25.24 1.81 -4.33	25.09 2.08 -1.34	28.05 2.41 -0.05	30.46 2.68 -4.29	31.80 2.95 -1.06	31.66 2.96 0.00	31.28 2.33 -2.11	30.86 2.37 -2.77	29.59 2.76 -0.78	29.06 2.73 -0.35	28.50 2.68 -0.32	28.70 2.69 -0.39	30.64 3.06 -0.24	32.58 3.25 -0.36	39.97 3.98 -0.44	43.14 3.23 -4.03	48.57 3.21 -8.51	48.17 3.67 -5.02	39.58 3.84 -0.22	35.13 3.25 0.00	32.17 2.76 0.00
WEST CANADA___HYD 24049	22.87 0.14 0.00	20.91 0.13 0.00	20.68 0.10 0.00	19.19 0.10 0.00	21.79 0.13 0.00	25.75 0.15 0.00	23.63 0.14 0.00	27.96 0.17 0.00	28.91 0.20 0.00	27.02 0.19 0.00	25.90 0.18 0.00	26.21 0.16 0.00	26.16 0.18 0.00	25.65 0.15 0.00	25.78 0.15 0.00	27.51 0.17 0.00	29.15 0.17 0.00	35.80 0.25 0.00	36.11 0.22 0.00	37.12 0.26 0.00	39.72 0.24 0.00	35.74 0.21 0.00	32.07 0.19 0.00	29.58 0.18 0.00
WESTERN_NY_WIND 24143	22.10 -1.36 -0.73	20.33 -1.21 -0.75	19.78 -1.30 -0.49	18.48 -1.22 -0.61	20.57 -1.28 -0.19	24.06 -1.54 -0.01	22.73 -1.36 -0.60	26.41 -1.53 -0.15	27.27 -1.44 0.00	25.63 -1.50 -0.30	24.75 -1.36 -0.39	24.72 -1.41 -0.08	24.62 -1.38 -0.02	24.35 -1.15 0.00	24.34 -1.28 0.00	25.76 -1.59 0.00	27.23 -1.77 -0.02	33.37 -2.24 -0.06	33.87 -2.58 -0.57	35.55 -2.51 -1.20	37.54 -2.65 -0.71	33.17 -2.38 -0.03	30.12 -1.75 0.00	27.87 -1.53 0.00
WESTOVER___LESR 323668	24.20 -0.18 -1.65	22.30 -0.19 -1.70	21.49 -0.21 -1.11	20.28 -0.19 -1.38	21.90 -0.19 -0.43	25.53 -0.08 -0.02	24.69 -0.16 -1.36	27.96 -0.17 -0.34	28.65 -0.06 0.00	27.29 -0.21 -0.67	26.40 -0.21 -0.88	26.03 -0.21 -0.19	25.92 -0.10 -0.04	25.47 -0.03 0.00	25.54 -0.08 0.00	27.23 -0.11 0.00	28.86 -0.17 -0.06	35.41 -0.28 -0.14	36.81 -0.36 -1.28	39.23 -0.33 -2.71	40.72 -0.36 -1.60	35.34 -0.25 -0.07	31.78 -0.10 0.00	29.40 0.00 0.00
WETHRSFD_WT_PWR 323626	21.64 -2.05 -0.95	19.94 -1.83 -0.98	19.33 -1.89 -0.64	18.13 -1.76 -0.80	20.00 -1.91 -0.25	23.53 -2.07 -0.01	22.28 -2.00 -0.79	25.73 -2.25 -0.20	26.61 -2.09 0.00	24.99 -2.23 -0.39	24.10 -2.13 -0.51	23.99 -2.16 -0.11	24.08 -1.92 -0.02	23.74 -1.76 0.00	23.80 -1.82 0.00	25.21 -2.13 0.00	26.63 -2.38 -0.03	32.43 -3.20 -0.08	33.18 -3.45 -0.74	35.10 -3.32 -1.56	37.00 -3.40 -0.92	33.08 -2.49 -0.04	29.83 -2.04 0.00	27.67 -1.73 0.00
WHAVSTOR_138KV_BK127 55557	29.21 1.50 -4.97	27.23 1.33 -5.12	25.23 1.30 -3.35	24.47 1.22 -4.15	24.36 1.41 -1.29	27.33 1.69 -0.05	29.17 1.57 -4.10	30.72 1.92 -1.02	30.66 1.95 0.00	30.68 1.82 -2.02	30.10 1.72 -2.65	28.38 1.77 -0.56	27.90 1.79 -0.13	27.26 1.76 0.00	27.39 1.77 0.00	29.28 1.94 0.00	31.20 2.06 -0.17	38.43 2.45 -0.43	42.15 2.40 -3.86	47.44 2.43 -8.15	46.89 2.61 -4.81	38.08 2.34 -0.21	33.98 2.10 0.00	31.29 1.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.21 1.50 -4.97	27.23 1.33 -5.12	25.23 1.30 -3.35	24.47 1.22 -4.15	24.36 1.41 -1.29	27.33 1.69 -0.05	29.17 1.57 -4.10	30.72 1.92 -1.02	30.66 1.95 0.00	30.68 1.82 -2.02	30.10 1.72 -2.65	28.38 1.77 -0.56	27.90 1.79 -0.13	27.26 1.76 0.00	27.39 1.77 0.00	29.28 1.94 0.00	31.20 2.06 -0.17	38.43 2.45 -0.43	42.15 2.40 -3.86	47.44 2.43 -8.15	46.89 2.61 -4.81	38.08 2.34 -0.21	33.98 2.10 0.00	31.29 1.88 0.00
WHITEHAL_115KV_TB1 80871	30.92 1.68 -6.50	28.99 1.52 -6.69	26.44 1.48 -4.38	25.86 1.34 -5.43	24.99 1.65 -1.68	27.65 2.00 -0.06	30.69 1.83 -5.36	31.26 2.14 -1.33	30.98 2.27 0.00	31.68 2.20 -2.65	31.23 2.03 -3.47	28.66 1.88 -0.73	28.02 1.87 -0.17	27.36 1.86 0.00	27.52 1.90 0.00	29.56 2.21 0.00	31.71 2.52 -0.22	39.06 2.95 -0.56	43.88 2.94 -5.05	50.61 3.10 -10.66	49.04 3.28 -6.28	38.64 2.84 -0.28	34.30 2.42 0.00	31.61 2.21 0.00
WHITEPLN_13_KV_LOAD 356215	29.78 1.86 -5.18	27.78 1.66 -5.33	25.69 1.63 -3.49	24.94 1.53 -4.32	24.74 1.73 -1.34	27.74 2.10 -0.05	29.71 1.95 -4.27	31.18 2.33 -1.06	31.12 2.41 0.00	31.19 2.25 -2.11	30.65 2.16 -2.77	28.93 2.19 -0.70	28.47 2.23 -0.25	27.87 2.19 -0.18	28.04 2.20 -0.22	29.94 2.46 -0.13	31.86 2.61 -0.28	39.16 3.16 -0.45	42.99 3.09 -4.02	48.44 3.10 -8.49	47.84 3.36 -5.00	38.73 2.98 -0.22	34.52 2.65 0.00	31.76 2.35 0.00
WM_FLOYD_69_KV_BK2 356380	30.13 2.21 -5.19	28.08 1.95 -5.34	25.99 1.91 -3.49	25.20 1.78 -4.33	25.06 2.06 -1.34	27.97 2.33 -0.05	30.39 2.61 -4.29	31.71 2.86 -1.06	31.58 2.87 0.00	30.93 1.99 -2.11	30.32 1.83 -2.77	28.98 2.19 -0.75	28.45 2.16 -0.31	27.85 2.09 -0.26	28.07 2.13 -0.32	30.38 2.84 -0.19	32.31 3.01 -0.32	39.83 3.84 -0.44	42.93 3.01 -4.03	48.35 2.99 -8.51	47.97 3.47 -5.02	39.44 3.69 -0.22	34.84 2.96 0.00	31.90 2.50 0.00
WOODARD___115KV_TB2 355635	22.88 -0.32 -0.47	20.97 -0.29 -0.48	20.59 -0.31 -0.31	19.20 -0.29 -0.39	21.46 -0.32 -0.12	25.24 -0.36 0.00	23.55 -0.33 -0.38	27.52 -0.36 -0.10	28.33 -0.37 0.00	26.67 -0.35 -0.19	25.66 -0.31 -0.25	25.79 -0.31 -0.05	25.68 -0.31 -0.01	25.22 -0.28 0.00	25.34 -0.28 0.00	27.01 -0.33 0.00	28.61 -0.38 -0.02	35.16 -0.43 -0.04	35.78 -0.47 -0.36	37.14 -0.48 -0.76	39.42 -0.51 -0.45	35.08 -0.46 -0.02	31.46 -0.41 0.00	29.02 -0.38 0.00
YORK___WARBASSE 23770	40.38 2.21 -15.44	28.09 1.95 -5.36	26.02 1.93 -3.51	25.25 1.81 -4.34	25.07 2.06 -1.35	28.11 2.46 -0.06	30.11 2.33 -4.29	40.38 2.78 -9.81	40.36 2.90 -8.75	40.69 2.68 -11.17	41.17 2.47 -12.97	41.95 2.47 -13.43	42.76 2.49 -14.29	43.14 2.45 -15.19	43.36 2.46 -15.28	44.10 2.73 -14.03	44.00 2.90 -12.13	44.52 3.52 -5.45	50.10 3.55 -10.66	57.66 3.61 -17.19	64.85 3.91 -21.46	43.88 3.48 -4.88	41.55 3.12 -6.55	40.90 2.79 -8.70