

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/18/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	34.39	31.63	30.10	29.88	31.30	35.90	46.19	48.75	44.55	45.42	36.81	35.95	35.68	35.73	35.98	36.54	37.59	48.61	49.37	50.67	50.82	43.68	39.38	33.94
24138	2.49	2.29	2.20	2.11	2.16	2.53	3.66	4.43	3.85	2.80	2.56	2.35	2.24	2.25	2.26	1.97	1.96	2.27	3.47	3.81	3.78	3.28	2.90	2.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.56	-14.88	-8.16	-9.10	-9.92	-9.76	-9.90	-13.87	-15.41	-23.47	-12.24	-9.49	-10.04	-6.90	-7.51	-0.56
74TH STREET_GT_1	34.36	31.57	30.08	29.91	31.27	35.87	46.15	48.66	45.99	53.96	41.70	41.42	41.65	41.60	41.39	40.82	40.89	54.75	52.03	50.79	50.79	43.71	39.33	33.97
24260	2.46	2.23	2.18	2.14	2.13	2.50	3.62	4.34	3.74	2.72	2.48	2.28	2.16	2.18	2.19	1.93	1.92	2.20	3.40	3.74	3.74	3.32	2.84	2.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.11	-23.51	-13.13	-14.65	-15.96	-15.70	-15.38	-18.19	-18.74	-29.68	-14.97	-9.68	-10.04	-6.90	-7.51	-0.56
74TH STREET_GT_2	34.36	31.57	30.08	29.91	31.27	35.87	46.15	48.66	45.99	53.96	41.70	41.42	41.65	41.60	41.39	40.82	40.89	54.75	52.03	50.79	50.79	43.71	39.33	33.97
24261	2.46	2.23	2.18	2.14	2.13	2.50	3.62	4.34	3.74	2.72	2.48	2.28	2.16	2.18	2.19	1.93	1.92	2.20	3.40	3.74	3.74	3.32	2.84	2.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.11	-23.51	-13.13	-14.65	-15.96	-15.70	-15.38	-18.19	-18.74	-29.68	-14.97	-9.68	-10.04	-6.90	-7.51	-0.56
ADK HUDSON___FALLS	33.82	31.04	29.49	29.38	31.10	35.77	45.68	47.60	40.73	30.33	27.58	25.67	24.70	25.03	26.24	30.24	33.61	40.40	45.31	51.05	51.80	44.05	39.96	33.02
24011	1.91	1.70	1.59	1.61	1.95	2.40	3.15	3.28	2.59	1.72	1.49	1.18	1.18	1.30	1.33	1.26	1.27	1.33	2.19	2.50	2.55	2.14	1.83	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	0.00	0.00	0.00	0.00	-1.09	-8.27	-12.11	-16.19	-9.47	-11.18	-12.25	-8.41	-9.16	-0.68
ADK RESOURCE___RCVRY	33.91	31.13	29.58	29.47	31.21	35.90	45.85	47.73	40.85	30.39	27.63	25.69	24.72	25.05	26.26	30.28	33.66	40.48	45.42	51.20	51.95	44.16	40.02	33.12
23798	2.01	1.79	1.67	1.69	2.07	2.53	3.32	3.41	2.71	1.78	1.54	1.20	1.20	1.33	1.36	1.28	1.30	1.40	2.29	2.65	2.70	2.24	1.88	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	0.00	0.00	0.00	0.00	-1.09	-8.29	-12.14	-16.20	-9.47	-11.18	-12.25	-8.41	-9.16	-0.68
ADK S GLENS___FALLS	33.82	31.04	29.49	29.38	31.10	35.77	45.68	47.60	40.73	30.33	27.58	25.67	24.70	25.03	26.24	30.24	33.61	40.40	45.31	51.05	51.80	44.05	39.96	33.02
24028	1.91	1.70	1.59	1.61	1.95	2.40	3.15	3.28	2.59	1.72	1.49	1.18	1.18	1.30	1.33	1.26	1.27	1.33	2.19	2.50	2.55	2.14	1.83	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	0.00	0.00	0.00	0.00	-1.09	-8.27	-12.11	-16.19	-9.47	-11.18	-12.25	-8.41	-9.16	-0.68
ADK_NYS___DAM	33.43	30.63	29.16	29.08	30.60	35.03	45.00	47.20	40.35	30.20	27.50	25.74	24.72	25.00	26.19	29.89	33.12	39.90	44.87	50.54	51.16	43.74	39.64	32.94
23527	1.53	1.29	1.26	1.31	1.46	1.67	2.47	2.88	2.21	1.61	1.41	1.25	1.20	1.28	1.31	1.14	1.11	1.23	1.99	2.28	2.22	2.04	1.74	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	0.00	0.00	0.00	-1.06	-8.05	-11.79	-15.78	-9.23	-10.90	-11.93	-8.19	-8.93	-0.66
AIR_PRODUCTS___DRP	32.51	29.90	28.46	28.35	29.76	34.07	43.38	45.42	39.13	29.36	26.74	25.13	24.14	24.36	25.52	29.27	32.51	39.14	43.68	49.15	49.81	42.46	38.64	32.00
24190	0.61	0.56	0.56	0.58	0.61	0.70	0.85	1.11	0.99	0.78	0.65	0.64	0.61	0.64	0.64	0.54	0.53	0.55	0.84	0.93	0.93	0.80	0.78	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	0.00	0.00	0.00	-1.06	-8.03	-11.76	-15.71	-9.18	-10.85	-11.88	-8.16	-8.89	-0.66
AKWESSNE_115KV_BK	31.81	29.34	27.85	27.74	29.11	33.27	42.19	43.83	37.68	27.41	25.80	24.17	23.27	23.44	23.53	20.46	19.96	22.58	33.12	36.69	36.34	32.93	28.51	30.02
355683	-0.10	0.00	-0.06	-0.03	-0.03	-0.10	-0.34	-0.49	-0.46	-0.33	-0.29	-0.32	-0.26	-0.28	-0.29	-0.25	-0.26	-0.30	-0.54	-0.67	-0.67	-0.57	-0.46	-0.46
	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	33.05	30.39	28.90	28.80	30.25	34.60	44.06	45.87	39.32	29.37	26.74	25.06	24.09	24.36	25.56	29.19	32.34	38.99	43.96	49.38	50.10	42.73	38.79	32.32
323833	1.15	1.05	1.00	1.03	1.11	1.24	1.53	1.55	1.18	0.80	0.65	0.56	0.56	0.64	0.71	0.66	0.67	0.80	1.35	1.34	1.41	1.20	1.07	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.82	0.00	0.00	0.00	0.00	-1.03	-7.82	-11.45	-15.31	-8.95	-10.67	-11.69	-8.03	-8.74	-0.65
ALBANY_2_SOLAR	33.05	30.39	28.90	28.80	30.25	34.60	44.06	45.87	39.32	29.37	26.74	25.06	24.09	24.36	25.54	29.19	32.34	38.99	43.96	49.38	50.07	42.73	38.79	32.29
323834	1.15	1.05	1.00	1.03	1.11	1.24	1.53	1.55	1.18	0.80	0.65	0.56	0.56	0.64	0.69	0.66	0.67	0.80	1.35	1.34	1.37	1.20	1.07	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.82	0.00	0.00	0.00	0.00	-1.03	-7.82	-11.45	-15.31	-8.95	-10.67	-11.69	-8.03	-8.75	-0.65
ALBANY___1	32.51	29.90	28.46	28.35	29.76	34.07	43.38	45.42	39.13	29.36	26.74	25.13	24.14	24.36	25.52	29.27	32.51	39.14	43.68	49.15	49.81	42.46	38.64	32.00
23571	0.61	0.56	0.56	0.58	0.61	0.70	0.85	1.11	0.99	0.78	0.65	0.64	0.61	0.64	0.64	0.54	0.53	0.55	0.84	0.93	0.93	0.80	0.78	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	0.00	0.00	0.00	-1.06	-8.03	-11.76	-15.71	-9.18	-10.85	-11.88	-8.16	-8.89	-0.66

ALBANY___2 23572	32.51 0.61 0.00	29.90 0.56 0.00	28.46 0.56 0.00	28.35 0.58 0.00	29.76 0.61 0.00	34.07 0.70 0.00	43.38 0.85 0.00	45.42 1.11 0.00	39.13 0.99 0.00	29.36 0.78 -0.84	26.74 0.65 0.00	25.13 0.64 0.00	24.14 0.61 0.00	24.36 0.64 0.00	25.52 0.64 -1.06	29.27 0.54 -8.03	32.51 0.53 -11.76	39.14 0.55 -15.71	43.68 0.84 -9.18	49.15 0.93 -10.85	49.81 0.93 -11.88	42.46 0.80 -8.16	38.64 0.78 -8.89	32.00 0.85 -0.66
ALBANY___3 23573	32.51 0.61 0.00	29.90 0.56 0.00	28.46 0.56 0.00	28.35 0.58 0.00	29.76 0.61 0.00	34.07 0.70 0.00	43.38 0.85 0.00	45.42 1.11 0.00	39.13 0.99 0.00	29.36 0.78 -0.84	26.74 0.65 0.00	25.13 0.64 0.00	24.14 0.61 0.00	24.36 0.64 0.00	25.52 0.64 -1.06	29.27 0.54 -8.03	32.51 0.53 -11.76	39.14 0.55 -15.71	43.68 0.84 -9.18	49.15 0.93 -10.85	49.81 0.93 -11.88	42.46 0.80 -8.16	38.64 0.78 -8.89	32.00 0.85 -0.66
ALBANY___4 23574	32.51 0.61 0.00	29.90 0.56 0.00	28.46 0.56 0.00	28.35 0.58 0.00	29.76 0.61 0.00	34.07 0.70 0.00	43.38 0.85 0.00	45.42 1.11 0.00	39.13 0.99 0.00	29.36 0.78 -0.84	26.74 0.65 0.00	25.13 0.64 0.00	24.14 0.61 0.00	24.36 0.64 0.00	25.52 0.64 -1.06	29.27 0.54 -8.03	32.51 0.53 -11.76	39.14 0.55 -15.71	43.68 0.84 -9.18	49.15 0.93 -10.85	49.81 0.93 -11.88	42.46 0.80 -8.16	38.64 0.78 -8.89	32.00 0.85 -0.66
ALBANY___LFGE 323615	32.80 0.89 0.00	30.16 0.82 0.00	28.71 0.81 0.00	28.58 0.81 0.00	30.02 0.87 0.00	34.33 0.97 0.00	43.81 1.27 0.00	45.82 1.51 0.00	39.47 1.33 0.00	29.62 1.03 -0.85	26.98 0.89 0.00	25.30 0.81 0.00	24.30 0.78 0.00	24.58 0.85 0.00	25.72 0.83 -1.07	29.53 0.72 -8.10	32.77 0.69 -11.86	39.49 0.75 -15.86	44.11 1.18 -9.27	49.58 1.27 -10.94	50.28 1.29 -11.98	42.87 1.14 -8.23	38.95 1.01 -8.96	32.25 1.10 -0.67
ALCOA_PA_115KV_PL-6C 55860	31.90 0.00 0.00	29.46 0.12 0.00	27.93 0.03 0.00	27.83 0.06 0.00	29.20 0.06 0.00	33.37 0.00 0.00	42.36 -0.17 0.00	43.92 -0.40 0.00	37.76 -0.38 0.00	27.43 -0.31 0.00	25.83 -0.26 0.00	24.22 -0.27 0.00	23.29 -0.24 0.00	23.49 -0.24 0.00	23.58 -0.24 0.00	20.50 -0.21 0.00	20.00 -0.22 0.00	22.61 -0.27 0.00	33.19 -0.47 0.00	36.81 -0.56 0.00	36.45 -0.56 0.00	33.00 -0.50 0.00	28.57 -0.41 0.00	30.12 -0.37 0.00
ALCOA_RYNLDS___DRP 24188	31.90 0.00 0.00	29.46 0.12 0.00	27.93 0.03 0.00	27.83 0.06 0.00	29.20 0.06 0.00	33.37 0.00 0.00	42.36 -0.17 0.00	43.92 -0.40 0.00	37.76 -0.38 0.00	27.43 -0.31 0.00	25.83 -0.26 0.00	24.22 -0.27 0.00	23.29 -0.24 0.00	23.49 -0.24 0.00	23.58 -0.24 0.00	20.50 -0.21 0.00	20.00 -0.22 0.00	22.61 -0.27 0.00	33.19 -0.47 0.00	36.81 -0.56 0.00	36.45 -0.56 0.00	33.00 -0.50 0.00	28.57 -0.41 0.00	30.12 -0.37 0.00
ALCOA___DSASP 323711	31.90 0.00 0.00	29.46 0.12 0.00	27.93 0.03 0.00	27.83 0.06 0.00	29.20 0.06 0.00	33.37 0.00 0.00	42.36 -0.17 0.00	43.92 -0.40 0.00	37.76 -0.38 0.00	27.43 -0.30 0.00	25.83 -0.26 0.00	24.22 -0.27 0.00	23.29 -0.24 0.00	23.49 -0.24 0.00	23.58 -0.24 0.00	20.50 -0.21 0.00	20.00 -0.22 0.00	22.61 -0.27 0.00	33.19 -0.47 0.00	36.81 -0.56 0.00	36.45 -0.55 0.00	33.00 -0.50 0.00	28.57 -0.41 0.00	30.12 -0.36 0.00
ALLEGHENY___COGEN 23514	31.68 -0.22 0.00	28.93 -0.41 0.00	27.43 -0.47 0.00	27.16 -0.61 0.00	28.59 -0.55 0.00	32.83 -0.54 0.00	41.47 -1.06 0.00	42.94 -1.37 0.00	36.80 -1.34 0.00	26.58 -1.28 -0.12	24.87 -1.23 0.00	23.49 -1.01 0.00	22.51 -1.01 0.00	22.56 -1.16 0.00	22.72 -1.24 -0.14	20.83 -0.97 -1.09	20.96 -0.87 -1.60	24.09 -0.94 -2.15	33.94 -0.98 -1.25	38.17 -0.67 -1.48	38.18 -0.44 -1.62	34.11 -0.50 -1.11	29.67 -0.52 -1.21	29.96 -0.61 -0.09
ALTAMONT_115KV_TB 2 55880	32.76 0.86 0.00	30.10 0.76 0.00	28.65 0.75 0.00	28.52 0.75 0.00	29.93 0.79 0.00	34.27 0.90 0.00	43.77 1.23 0.00	45.78 1.46 0.00	39.40 1.26 0.00	29.50 0.92 -0.84	26.90 0.81 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.63 0.76 -1.06	29.39 0.66 -8.02	32.62 0.65 -11.75	39.32 0.73 -15.71	43.99 1.14 -9.18	49.48 1.27 -10.85	50.14 1.26 -11.88	42.79 1.14 -8.16	38.84 0.99 -8.88	32.18 1.04 -0.66
ALTONA_WT_PWR 323606	31.90 0.00 0.00	29.55 0.21 0.00	28.04 0.14 0.00	27.99 0.22 0.00	29.44 0.29 0.00	33.67 0.30 0.00	42.79 0.26 0.00	44.36 0.04 0.00	38.14 0.00 0.00	27.68 -0.06 0.00	26.09 0.00 0.00	24.42 -0.07 0.00	23.45 -0.07 0.00	23.61 -0.12 0.00	23.58 -0.24 0.00	20.37 -0.33 0.00	19.80 -0.43 0.00	22.35 -0.53 0.00	32.72 -0.94 0.00	36.21 -1.16 0.00	35.82 -1.19 0.00	32.33 -1.17 0.00	27.93 -1.04 0.00	29.41 -1.07 0.00
AMERICAN_REF_FUEL 24010	29.00 -2.90 0.00	26.49 -2.85 0.00	25.11 -2.79 0.00	24.72 -3.05 0.00	26.17 -2.97 0.00	30.03 -3.34 0.00	37.51 -5.02 0.00	38.91 -5.41 0.00	34.02 -4.12 0.00	24.93 -2.91 -0.10	23.56 -2.53 0.00	22.44 -2.06 0.00	21.60 -1.93 0.00	21.64 -2.09 0.00	21.75 -2.19 -0.13	19.82 -1.86 -0.98	19.79 -1.86 -1.43	22.21 -2.59 -1.92	31.14 -3.64 -1.12	34.69 -4.00 -1.32	34.64 -3.81 -1.45	31.28 -3.22 -0.99	27.25 -2.81 -1.08	27.70 -2.87 -0.08
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.24 -1.66 0.00	27.52 -1.82 0.00	26.00 -1.90 0.00	25.52 -2.25 0.00	26.84 -2.30 0.00	30.83 -2.54 0.00	38.62 -3.91 0.00	40.20 -4.12 0.00	35.09 -3.05 0.00	25.33 -2.52 -0.12	24.00 -2.09 0.00	22.68 -1.81 0.00	21.83 -1.69 0.00	21.82 -1.90 0.00	21.65 -2.31 -0.15	19.89 -1.92 -1.11	20.06 -1.80 -1.63	22.74 -2.33 -2.20	31.68 -3.26 -1.28	35.47 -3.40 -1.51	35.44 -3.22 -1.65	31.72 -2.91 -1.13	27.63 -2.58 -1.23	28.08 -2.50 -0.09
ARTHUR KILL_GT_1 23520	46.28 2.55 -11.83	45.77 2.38 -14.05	35.91 2.29 -5.72	29.87 2.08 -0.02	31.43 2.27 -0.01	36.02 2.64 -0.02	46.35 3.40 -0.41	48.45 4.12 -0.01	46.90 3.51 -5.26	49.75 2.58 -19.43	46.30 2.32 -17.88	46.29 2.13 -19.67	46.29 2.02 -20.74	46.88 2.04 -21.11	46.88 2.05 -21.01	46.89 1.80 -24.39	48.69 1.80 -26.66	51.69 2.08 -26.73	50.56 3.23 -13.67	50.57 3.62 -9.58	50.63 3.59 -10.04	49.94 3.35 -13.09	46.89 2.90 -15.01	46.28 2.80 -12.99
ARTHUR_KILL_2 23512	46.22 2.49 -11.83	45.68 2.29 -14.05	35.83 2.20 -5.72	29.79 2.00 -0.02	31.37 2.21 -0.01	35.92 2.53 -0.02	46.22 3.28 -0.41	48.31 3.99 -0.01	46.83 3.43 -5.26	49.69 2.52 -19.43	46.22 2.24 -17.88	46.22 2.06 -19.67	46.22 1.95 -20.74	46.83 1.99 -21.11	46.83 2.00 -21.01	46.83 1.74 -24.39	48.65 1.76 -26.66	51.62 2.01 -26.73	50.46 3.13 -13.67	50.46 3.51 -9.58	50.52 3.48 -10.04	49.84 3.25 -13.09	46.83 2.84 -15.01	46.22 2.74 -12.99
ARTHUR_KILL_3 23513	46.02 2.30 -11.82	45.47 2.08 -14.04	35.65 2.04 -5.71	29.78 2.00 -0.01	31.10 1.95 0.00	35.71 2.33 -0.01	46.34 3.40 -0.40	48.44 4.12 0.00	46.94 3.55 -5.25	49.74 2.58 -19.42	46.34 2.37 -17.88	46.33 2.18 -19.66	46.33 2.07 -20.74	46.89 2.06 -21.11	46.89 2.07 -21.01	46.90 1.82 -24.38	48.70 1.82 -26.66	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.57 3.52 -10.04	49.77 3.18 -13.08	46.70 2.72 -15.01	46.30 2.84 -12.99

ARTHUR_KILL_COGEN 323718	46.28 2.55 -11.83	45.77 2.38 -14.05	35.91 2.29 -5.72	29.87 2.08 -0.02	31.43 2.27 -0.01	36.02 2.64 -0.02	46.35 3.40 -0.41	48.45 4.12 -0.01	46.90 3.51 -5.26	49.75 2.58 -19.43	46.30 2.32 -17.88	46.29 2.13 -19.67	46.29 2.02 -20.74	46.88 2.04 -21.11	46.88 2.05 -21.01	46.89 1.80 -24.39	48.69 1.80 -26.66	51.69 2.08 -26.73	50.56 3.23 -13.67	50.57 3.62 -9.58	50.63 3.59 -10.04	49.94 3.35 -13.09	46.89 2.90 -15.01	46.28 2.80 -12.99
ASHOKAN____ 23654	33.53 1.63 0.00	30.95 1.61 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.72 1.57 0.00	35.13 1.77 0.00	45.00 2.47 0.00	47.02 2.70 0.00	40.51 2.37 0.00	30.09 1.58 -0.77	27.27 1.18 0.00	25.52 1.03 0.00	24.51 0.99 0.00	24.74 1.02 0.00	25.90 1.12 -0.96	29.06 1.03 -7.32	31.99 1.05 -10.72	38.53 1.33 -14.33	44.22 2.19 -8.38	48.22 0.86 -9.99	48.88 0.93 -10.95	41.55 0.53 -7.52	37.62 0.46 -8.19	31.58 0.49 -0.61
ASTORIA_EAST_ENERGY_CC1 323581	34.21 2.30 -0.01	31.46 2.11 -0.01	29.94 2.04 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.74 2.37 -0.01	45.95 3.40 -0.01	48.54 4.21 -0.01	45.83 3.58 -4.10	53.84 2.61 -23.50	41.61 2.40 -13.12	41.34 2.21 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.63 2.08 -29.67	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.45 3.05 -6.90	39.25 2.75 -7.52	33.85 2.80 -0.57
ASTORIA_EAST_ENERGY_CC2 323582	34.21 2.30 -0.01	31.46 2.11 -0.01	29.94 2.04 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.74 2.37 -0.01	45.95 3.40 -0.01	48.54 4.21 -0.01	45.83 3.58 -4.10	53.84 2.61 -23.50	41.61 2.40 -13.12	41.34 2.21 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.63 2.08 -29.67	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.45 3.05 -6.90	39.25 2.75 -7.52	33.85 2.80 -0.57
ASTORIA_GT2_1 24094	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT2_2 24095	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT2_3 24096	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT2_4 24097	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT3_1 24098	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT3_2 24099	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT3_3 24100	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT3_4 24101	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT4_1 24102	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT4_2 24103	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT4_3 24104	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57

ASTORIA_GT4_4 24105	34.21 2.30 -0.01	31.46 2.11 -0.01	29.92 2.01 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.71 2.34 -0.01	45.94 3.40 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.34 2.20 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
ASTORIA_GT_1 23523	34.27 2.36 -0.01	31.49 2.14 -0.01	30.00 2.09 -0.01	29.81 2.03 -0.01	31.19 2.04 -0.01	35.78 2.40 -0.01	46.03 3.49 -0.01	48.62 4.30 -0.01	45.91 3.66 -4.10	53.90 2.66 -23.50	41.64 2.43 -13.12	41.36 2.23 -14.64	41.60 2.12 -15.95	41.55 2.14 -15.69	41.33 2.14 -15.37	40.77 1.88 -18.18	40.84 1.88 -18.74	54.68 2.13 -29.67	51.89 3.26 -14.96	50.78 3.74 -9.68	50.79 3.74 -10.05	43.48 3.08 -6.90	39.28 2.78 -7.52	33.91 2.86 -0.57
ASTORIA_GT_10 24110	35.81 2.46 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.28 2.13 -0.01	35.88 2.50 -0.01	46.21 3.62 -0.06	48.67 4.34 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.23 3.37 -17.21	50.79 3.74 -9.68	50.76 3.70 -10.05	44.51 3.35 -7.66	40.25 2.84 -8.44	35.51 2.96 -2.07
ASTORIA_GT_11 24225	35.81 2.46 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.28 2.13 -0.01	35.88 2.50 -0.01	46.21 3.62 -0.06	48.67 4.34 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.23 3.37 -17.21	50.79 3.74 -9.68	50.76 3.70 -10.05	44.51 3.35 -7.66	40.25 2.84 -8.44	35.51 2.96 -2.07
ASTORIA_GT_12 24226	35.81 2.46 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.28 2.13 -0.01	35.88 2.50 -0.01	46.21 3.62 -0.06	48.67 4.34 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.23 3.37 -17.21	50.79 3.74 -9.68	50.76 3.70 -10.05	44.51 3.35 -7.66	40.25 2.84 -8.44	35.51 2.96 -2.07
ASTORIA_GT_13 24227	35.81 2.46 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.28 2.13 -0.01	35.88 2.50 -0.01	46.21 3.62 -0.06	48.67 4.34 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.23 3.37 -17.21	50.79 3.74 -9.68	50.76 3.70 -10.05	44.51 3.35 -7.66	40.25 2.84 -8.44	35.51 2.96 -2.07
ASTORIA_GT_5 24106	34.24 2.33 -0.01	31.49 2.14 -0.01	29.97 2.06 -0.01	29.81 2.03 -0.01	31.19 2.04 -0.01	35.74 2.37 -0.01	46.03 3.49 -0.01	48.62 4.30 -0.01	45.91 3.66 -4.10	53.88 2.64 -23.51	41.64 2.43 -13.12	41.36 2.23 -14.64	41.59 2.12 -15.95	41.55 2.14 -15.69	41.33 2.14 -15.37	40.77 1.88 -18.18	40.84 1.88 -18.74	54.68 2.13 -29.68	51.92 3.30 -14.96	50.79 3.74 -9.68	50.79 3.74 -10.05	43.65 3.25 -6.90	39.25 2.75 -7.52	33.88 2.83 -0.57
ASTORIA_GT_7 24107	34.24 2.33 -0.01	31.49 2.14 -0.01	29.97 2.06 -0.01	29.81 2.03 -0.01	31.19 2.04 -0.01	35.74 2.37 -0.01	46.03 3.49 -0.01	48.62 4.30 -0.01	45.91 3.66 -4.10	53.88 2.64 -23.51	41.64 2.43 -13.12	41.36 2.23 -14.64	41.59 2.12 -15.95	41.55 2.14 -15.69	41.33 2.14 -15.37	40.77 1.88 -18.18	40.84 1.88 -18.74	54.68 2.13 -29.68	51.92 3.30 -14.96	50.79 3.74 -9.68	50.79 3.74 -10.05	43.65 3.25 -6.90	39.25 2.75 -7.52	33.88 2.83 -0.57
ASTORIA_GT_8 24108	34.24 2.33 -0.01	31.49 2.14 -0.01	29.97 2.06 -0.01	29.81 2.03 -0.01	31.19 2.04 -0.01	35.74 2.37 -0.01	46.03 3.49 -0.01	48.62 4.30 -0.01	45.91 3.66 -4.10	53.88 2.64 -23.51	41.64 2.43 -13.12	41.36 2.23 -14.64	41.59 2.12 -15.95	41.55 2.14 -15.69	41.33 2.14 -15.37	40.77 1.88 -18.18	40.84 1.88 -18.74	54.68 2.13 -29.68	51.92 3.30 -14.96	50.79 3.74 -9.68	50.79 3.74 -10.05	43.65 3.25 -6.90	39.25 2.75 -7.52	33.88 2.83 -0.57
ASTORIA___2 24149	34.21 2.30 -0.01	31.46 2.11 -0.01	29.94 2.04 -0.01	29.78 2.00 -0.01	31.13 1.98 -0.01	35.74 2.37 -0.01	45.95 3.40 -0.01	48.54 4.21 -0.01	45.83 3.58 -4.10	53.84 2.61 -23.50	41.61 2.40 -13.12	41.34 2.21 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.63 2.08 -29.67	51.85 3.23 -14.96	50.71 3.66 -9.68	50.76 3.70 -10.05	43.45 3.05 -6.90	39.25 2.75 -7.52	33.85 2.80 -0.57
ASTORIA___3 23516	35.85 2.49 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.28 2.13 -0.01	35.91 2.53 -0.01	46.20 3.61 -0.06	48.67 4.35 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.20 3.33 -17.21	50.78 3.74 -9.68	50.76 3.70 -10.05	44.48 3.32 -7.66	40.28 2.87 -8.44	35.51 2.96 -2.07
ASTORIA___4 23517	35.81 2.46 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.28 2.13 -0.01	35.88 2.50 -0.01	46.21 3.62 -0.06	48.67 4.34 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.23 3.37 -17.21	50.79 3.74 -9.68	50.76 3.70 -10.05	44.51 3.35 -7.66	40.25 2.84 -8.44	35.51 2.96 -2.07
ASTORIA___5 23518	35.85 2.49 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.28 2.13 -0.01	35.91 2.53 -0.01	46.20 3.61 -0.06	48.67 4.35 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.20 3.33 -17.21	50.78 3.74 -9.68	50.76 3.70 -10.05	44.48 3.32 -7.66	40.28 2.87 -8.44	35.51 2.96 -2.07
AST_ENERGY_2_CC3 323677	34.26 2.36 0.00	31.48 2.14 0.00	29.99 2.09 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.77 2.40 0.00	45.98 3.44 0.00	48.48 4.16 0.00	45.10 3.58 -3.37	49.79 2.64 -19.42	39.26 2.40 -10.77	38.72 2.21 -12.02	38.71 2.09 -13.10	38.71 2.11 -12.88	38.71 2.12 -12.78	38.69 1.84 -16.14	39.22 1.84 -17.16	51.74 2.13 -26.73	50.60 3.26 -13.68	50.54 3.59 -9.59	50.60 3.55 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.84 -0.56
AST_ENERGY_2_CC4 323678	34.26 2.36 0.00	31.48 2.14 0.00	29.99 2.09 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.77 2.40 0.00	45.98 3.44 0.00	48.48 4.16 0.00	45.10 3.58 -3.37	49.79 2.64 -19.42	39.26 2.40 -10.77	38.72 2.21 -12.02	38.71 2.09 -13.10	38.71 2.11 -12.88	38.71 2.12 -12.78	38.69 1.84 -16.14	39.22 1.84 -17.16	51.74 2.13 -26.73	50.60 3.26 -13.68	50.54 3.59 -9.59	50.60 3.55 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.84 -0.56

ATHENS_STG_1 23668	32.86 0.96 0.00	30.22 0.88 0.00	28.77 0.87 0.00	28.66 0.89 0.00	30.02 0.87 0.00	34.37 1.00 0.00	43.98 1.45 0.00	46.13 1.82 0.00	39.70 1.56 0.00	29.72 1.22 -0.76	27.19 1.10 0.00	25.50 1.00 0.00	24.49 0.96 0.00	24.70 0.97 0.00	25.75 0.98 -0.96	28.83 0.87 -7.26	31.70 0.85 -10.63	38.01 0.92 -14.21	43.38 1.41 -8.31	48.75 1.57 -9.81	49.31 1.55 -10.75	42.32 1.44 -7.38	38.26 1.25 -8.04	32.39 1.31 -0.60
ATHENS_STG_2 23670	32.86 0.96 0.00	30.22 0.88 0.00	28.77 0.87 0.00	28.66 0.89 0.00	30.02 0.87 0.00	34.37 1.00 0.00	43.98 1.45 0.00	46.13 1.82 0.00	39.70 1.56 0.00	29.72 1.22 -0.76	27.19 1.10 0.00	25.50 1.00 0.00	24.49 0.96 0.00	24.70 0.97 0.00	25.75 0.98 -0.96	28.83 0.87 -7.26	31.70 0.85 -10.63	38.01 0.92 -14.21	43.38 1.41 -8.31	48.75 1.57 -9.81	49.31 1.55 -10.75	42.32 1.44 -7.38	38.26 1.25 -8.04	32.39 1.31 -0.60
ATHENS_STG_3 23677	32.86 0.96 0.00	30.22 0.88 0.00	28.77 0.87 0.00	28.66 0.89 0.00	30.02 0.87 0.00	34.37 1.00 0.00	43.98 1.45 0.00	46.13 1.82 0.00	39.70 1.56 0.00	29.72 1.22 -0.76	27.19 1.10 0.00	25.50 1.00 0.00	24.49 0.96 0.00	24.70 0.97 0.00	25.75 0.98 -0.96	28.83 0.87 -7.26	31.70 0.85 -10.63	38.01 0.92 -14.21	43.38 1.41 -8.31	48.75 1.57 -9.81	49.31 1.55 -10.75	42.32 1.44 -7.38	38.26 1.25 -8.04	32.39 1.31 -0.60
AUBURN___LFGE 323710	31.68 -0.22 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.47 -0.31 0.00	28.88 -0.26 0.00	33.10 -0.27 0.00	42.32 -0.21 0.00	44.09 -0.22 0.00	37.91 -0.23 0.00	27.57 -0.25 -0.09	25.94 -0.16 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.17 -0.11	21.37 -0.14 -0.81	21.26 -0.14 -1.18	24.32 -0.14 -1.58	34.41 -0.17 -0.92	38.35 -0.11 -1.09	38.09 -0.11 -1.20	34.15 -0.17 -0.82	29.69 -0.17 -0.89	30.34 -0.21 -0.07
BABYLON_RES_REC 323704	34.23 2.33 0.00	31.48 2.14 0.00	30.13 2.23 0.00	29.94 2.17 0.00	31.21 2.07 0.00	35.97 2.60 0.00	45.98 3.44 0.00	48.70 4.39 0.00	42.29 3.97 -0.18	32.39 2.88 -1.77	29.31 2.61 -0.60	27.57 2.40 -0.68	26.50 2.24 -0.74	26.68 2.23 -0.72	27.59 2.22 -1.56	29.98 1.97 -7.31	32.54 1.98 -10.34	39.18 2.27 -14.04	45.35 3.60 -8.09	50.44 3.89 -9.19	50.86 3.81 -10.05	44.06 3.65 -6.91	39.63 3.13 -7.52	34.15 3.11 -0.56
BABYLON__69_KV_BK2 356345	34.49 2.58 0.00	31.72 2.38 0.00	30.33 2.43 0.00	30.19 2.42 0.00	31.45 2.30 0.00	35.97 2.60 0.00	46.53 4.00 0.00	49.15 4.83 0.00	42.55 4.23 -0.18	32.59 3.11 -1.75	29.45 2.77 -0.59	27.72 2.57 -0.66	26.62 2.38 -0.72	26.80 2.37 -0.71	27.72 2.36 -1.55	30.09 2.09 -7.29	32.67 2.12 -10.33	39.35 2.45 -14.02	45.68 3.94 -8.09	50.89 4.33 -9.19	51.31 4.26 -10.05	44.46 4.05 -6.91	39.94 3.45 -7.52	34.30 3.26 -0.56
BALL_HILL_WT_PWR 323825	30.37 -1.53 0.00	27.73 -1.61 0.00	26.26 -1.65 0.00	25.83 -1.94 0.00	27.25 -1.89 0.00	31.30 -2.07 0.00	39.22 -3.32 0.00	40.81 -3.50 0.00	35.62 -2.52 0.00	25.77 -2.08 -0.12	24.40 -1.70 0.00	23.10 -1.40 0.00	22.21 -1.32 0.00	22.20 -1.52 0.00	22.08 -1.88 -0.15	20.22 -1.57 -1.09	20.35 -1.48 -1.60	23.05 -1.99 -2.16	32.16 -2.76 -1.26	35.97 -2.88 -1.48	35.89 -2.74 -1.62	32.17 -2.44 -1.11	28.04 -2.14 -1.21	28.53 -2.04 -0.09
BARON_WINDS___WT_PWR 323822	30.88 -1.02 0.00	28.23 -1.11 0.00	26.73 -1.17 0.00	26.41 -1.36 0.00	27.75 -1.40 0.00	31.77 -1.60 0.00	40.11 -2.42 0.00	41.57 -2.75 0.00	35.89 -2.25 0.00	26.08 -1.80 -0.15	24.53 -1.56 0.00	23.12 -1.37 0.00	22.23 -1.29 0.00	22.23 -1.49 0.00	22.29 -1.71 -0.19	20.66 -1.45 -1.40	20.88 -1.40 -2.06	23.89 -1.74 -2.76	33.01 -2.25 -1.61	37.06 -2.20 -1.90	36.90 -2.18 -2.08	32.92 -2.01 -1.43	28.73 -1.80 -1.55	28.86 -1.74 -0.12
BARRETT_IC_1 23704	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_10 23701	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_11 23702	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_12 23703	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_2 23705	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_3 23706	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_4 23707	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56

BARRETT_IC_5 23708	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_6 23709	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_7 23710	34.07 2.17 0.00	31.34 2.00 0.00	29.91 2.01 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.53 2.17 0.00	45.72 3.19 0.00	48.17 3.86 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.91 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.31 2.81 -7.52	33.85 2.80 -0.56
BARRETT_IC_8 23711	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT_IC_9 23700	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT___1 23545	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BARRETT___2 23546	34.07 2.17 0.00	31.34 2.00 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.60 3.06 0.00	48.17 3.85 0.00	42.01 3.70 -0.17	32.16 2.72 -1.70	29.14 2.48 -0.57	27.40 2.28 -0.63	26.38 2.16 -0.69	26.56 2.16 -0.68	27.50 2.17 -1.52	29.86 1.88 -7.27	32.39 1.86 -10.31	39.00 2.13 -13.99	44.86 3.13 -8.07	49.92 3.36 -9.18	50.34 3.29 -10.05	43.62 3.22 -6.90	39.34 2.84 -7.52	33.94 2.90 -0.56
BATAVIA__115KV_TB1 55881	30.31 -1.60 0.00	27.67 -1.67 0.00	26.28 -1.62 0.00	25.91 -1.86 0.00	27.37 -1.78 0.00	31.40 -1.97 0.00	39.47 -3.06 0.00	41.26 -3.06 0.00	35.93 -2.21 0.00	26.12 -1.72 -0.10	24.66 -1.44 0.00	23.32 -1.18 0.00	22.44 -1.08 0.00	22.54 -1.19 0.00	22.61 -1.33 -0.12	20.57 -1.08 -0.94	20.47 -1.13 -1.38	23.14 -1.58 -1.84	32.58 -2.15 -1.08	36.39 -2.24 -1.27	36.32 -2.07 -1.39	32.71 -1.74 -0.96	28.51 -1.51 -1.04	28.91 -1.65 -0.07
BAYONEEC___CTG1 323682	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG10 323750	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG2 323683	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG3 323684	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG4 323685	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG5 323686	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG6 323687	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56

BAYONEEC___CTG7 323688	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG8 323689	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BAYONEEC___CTG9 323749	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.70 2.07 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
BEACON___LESR 323632	32.99 1.09 0.00	30.34 1.00 0.00	28.88 0.98 0.00	28.74 0.97 0.00	30.19 1.05 0.00	34.57 1.20 0.00	44.15 1.62 0.00	46.13 1.82 0.00	39.74 1.60 0.00	29.75 1.16 -0.84	27.11 1.02 0.00	25.40 0.91 0.00	24.39 0.87 0.00	24.67 0.95 0.00	25.83 0.95 -1.06	29.56 0.83 -8.02	32.78 0.81 -11.75	39.49 0.89 -15.71	44.23 1.38 -9.19	49.74 1.53 -10.84	50.39 1.52 -11.87	42.99 1.34 -8.15	39.04 1.19 -8.88	32.42 1.28 -0.66
BEAVER RIVER___HYD 24048	31.84 -0.06 0.00	29.28 -0.06 0.00	27.82 -0.08 0.00	27.77 0.00 0.00	29.17 0.03 0.00	33.47 0.10 0.00	42.70 0.17 0.00	44.32 0.00 0.00	37.49 -0.65 0.00	26.90 -0.86 -0.03	25.26 -0.84 0.00	23.73 -0.76 0.00	22.77 -0.75 0.00	23.03 -0.69 0.00	23.18 -0.67 -0.03	20.37 -0.58 -0.25	20.04 -0.55 -0.36	22.88 -0.48 -0.48	33.44 -0.50 -0.28	37.25 -0.45 -0.33	36.93 -0.44 -0.37	33.32 -0.44 -0.25	28.76 -0.49 -0.27	29.92 -0.58 -0.02
BEEBEE_GT_13 23619	30.66 -1.24 0.00	28.05 -1.29 0.00	26.67 -1.23 0.00	26.38 -1.39 0.00	27.80 -1.34 0.00	31.90 -1.47 0.00	40.32 -2.21 0.00	41.92 -2.39 0.00	36.35 -1.79 0.00	26.65 -1.17 -0.08	25.05 -1.04 0.00	23.68 -0.81 0.00	22.75 -0.78 0.00	22.89 -0.83 0.00	23.08 -0.83 -0.10	20.79 -0.68 -0.77	20.64 -0.71 -1.13	23.56 -0.82 -1.50	33.16 -1.38 -0.88	36.99 -1.42 -1.04	36.85 -1.30 -1.14	33.14 -1.14 -0.78	28.84 -0.99 -0.85	29.42 -1.13 -0.06
BENSHRST_27_KV_BENSHRST_1 355998	47.39 2.65 -12.84	45.91 2.52 -14.05	35.97 2.34 -5.72	30.15 2.36 -0.02	31.60 2.45 -0.01	36.19 2.80 -0.02	46.89 3.91 -0.44	48.98 4.65 -0.01	50.78 4.00 -8.63	54.16 2.91 -23.51	54.60 2.64 -25.88	55.14 2.45 -28.20	55.13 2.33 -29.28	56.23 2.35 -30.15	55.70 2.36 -29.52	55.66 2.05 -32.91	57.45 2.06 -35.16	54.91 2.36 -29.68	54.54 3.67 -17.21	51.12 4.07 -9.68	51.09 4.03 -10.05	50.70 3.58 -13.62	47.67 3.04 -15.66	47.69 3.17 -14.04
BETHLEHEM___GRP 23843	32.51 0.61 0.00	29.90 0.56 0.00	28.46 0.56 0.00	28.35 0.58 0.00	29.76 0.61 0.00	34.07 0.70 0.00	43.38 0.85 0.00	45.42 1.11 0.00	39.13 0.99 0.00	29.36 0.78 -0.84	26.74 0.65 0.00	25.13 0.64 0.00	24.14 0.61 0.00	24.36 0.64 0.00	25.52 0.64 -1.06	29.27 0.54 -8.03	32.51 0.53 -11.76	39.14 0.55 -15.71	43.68 0.84 -9.18	49.15 0.93 -10.85	49.81 0.93 -11.88	42.46 0.80 -8.16	38.64 0.78 -8.89	32.00 0.85 -0.66
BETHLEHEM___GS1 323560	32.51 0.60 0.00	29.90 0.56 0.00	28.46 0.56 0.00	28.36 0.58 0.00	29.76 0.61 0.00	34.03 0.67 0.00	43.43 0.89 0.00	45.42 1.11 0.00	39.13 0.99 0.00	29.36 0.78 -0.85	26.77 0.68 0.00	25.13 0.64 0.00	24.13 0.61 0.00	24.36 0.64 0.00	25.52 0.64 -1.06	29.27 0.54 -8.03	32.51 0.52 -11.76	39.15 0.55 -15.72	43.69 0.84 -9.19	49.15 0.93 -10.85	49.81 0.93 -11.88	42.46 0.80 -8.16	38.61 0.75 -8.89	32.00 0.85 -0.66
BETHLEHEM___GS2 323561	32.51 0.60 0.00	29.90 0.56 0.00	28.46 0.56 0.00	28.36 0.58 0.00	29.76 0.61 0.00	34.03 0.67 0.00	43.43 0.89 0.00	45.42 1.11 0.00	39.13 0.99 0.00	29.36 0.78 -0.85	26.77 0.68 0.00	25.13 0.64 0.00	24.13 0.61 0.00	24.36 0.64 0.00	25.52 0.64 -1.06	29.27 0.54 -8.03	32.51 0.52 -11.76	39.15 0.55 -15.72	43.69 0.84 -9.19	49.15 0.93 -10.85	49.81 0.93 -11.88	42.46 0.80 -8.16	38.61 0.75 -8.89	32.00 0.85 -0.66
BETHLEHEM___GS3 323562	32.51 0.60 0.00	29.90 0.56 0.00	28.46 0.56 0.00	28.36 0.58 0.00	29.76 0.61 0.00	34.03 0.67 0.00	43.43 0.89 0.00	45.42 1.11 0.00	39.13 0.99 0.00	29.36 0.78 -0.85	26.77 0.68 0.00	25.13 0.64 0.00	24.13 0.61 0.00	24.36 0.64 0.00	25.52 0.64 -1.06	29.27 0.54 -8.03	32.51 0.52 -11.76	39.15 0.55 -15.72	43.69 0.84 -9.19	49.15 0.93 -10.85	49.81 0.93 -11.88	42.46 0.80 -8.16	38.61 0.75 -8.89	32.00 0.85 -0.66
BETHLEHEM___STEEL 23779	29.93 -1.98 0.00	27.32 -2.02 0.00	25.95 -1.95 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.86 -2.50 0.00	38.71 -3.83 0.00	40.20 -4.12 0.00	35.17 -2.97 0.00	25.46 -2.39 -0.11	24.24 -1.85 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.16 -1.57 0.00	22.10 -1.86 -0.14	20.18 -1.57 -1.05	20.24 -1.52 -1.53	22.82 -2.13 -2.07	31.87 -3.00 -1.21	35.57 -3.21 -1.42	35.48 -3.07 -1.55	31.92 -2.65 -1.06	27.90 -2.23 -1.16	28.25 -2.32 -0.09
BETHLHEM_115KV_TB1 79974	32.57 0.67 0.00	29.96 0.62 0.00	28.49 0.59 0.00	28.38 0.61 0.00	29.78 0.64 0.00	34.10 0.73 0.00	43.47 0.94 0.00	45.47 1.15 0.00	39.21 1.07 0.00	29.41 0.83 -0.84	26.80 0.70 0.00	25.15 0.66 0.00	24.16 0.64 0.00	24.41 0.69 0.00	25.54 0.67 -1.06	29.31 0.58 -8.02	32.52 0.55 -11.75	39.17 0.59 -15.70	43.78 0.94 -9.18	49.21 1.01 -10.84	49.88 1.00 -11.87	42.52 0.87 -8.15	38.70 0.84 -8.88	32.03 0.88 -0.66
BETHPAGE_CC_5 323564	34.17 2.27 0.00	31.42 2.08 0.00	30.05 2.15 0.00	29.86 2.08 0.00	31.15 2.01 0.00	35.87 2.50 0.00	45.85 3.32 0.00	48.53 4.21 0.00	42.23 3.89 -0.20	32.47 2.88 -1.84	29.40 2.66 -0.65	27.64 2.43 -0.72	26.59 2.28 -0.79	26.78 2.28 -0.78	27.71 2.29 -1.61	30.05 2.01 -7.34	32.57 1.98 -10.36	39.17 2.20 -14.09	45.21 3.43 -8.12	50.25 3.70 -9.19	50.64 3.59 -10.05	43.86 3.45 -6.91	39.48 2.98 -7.52	34.06 3.02 -0.56
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.99 -1.91 0.00	27.37 -1.97 0.00	25.98 -1.93 0.00	25.52 -2.25 0.00	26.96 -2.19 0.00	30.90 -2.47 0.00	38.75 -3.79 0.00	40.28 -4.03 0.00	35.24 -2.90 0.00	25.44 -2.41 -0.11	24.27 -1.83 0.00	23.00 -1.49 0.00	22.14 -1.39 0.00	22.16 -1.57 0.00	22.03 -1.93 -0.14	20.15 -1.61 -1.06	20.22 -1.56 -1.56	22.82 -2.15 -2.09	31.85 -3.03 -1.22	35.55 -3.25 -1.44	35.43 -3.15 -1.57	31.87 -2.71 -1.08	27.83 -2.32 -1.18	28.19 -2.38 -0.09

BINGHAMTON___COGEN 23790	31.84 -0.06 0.00	29.22 -0.12 0.00	27.76 -0.14 0.00	27.58 -0.19 0.00	28.97 -0.17 0.00	33.23 -0.13 0.00	42.32 -0.21 0.00	44.05 -0.27 0.00	37.99 -0.15 0.00	27.70 -0.25 -0.22	25.96 -0.13 0.00	24.42 -0.07 0.00	23.45 -0.07 0.00	23.58 -0.14 0.00	23.85 -0.24 -0.27	22.57 -0.19 -2.05	23.06 -0.16 -3.00	26.66 -0.23 -4.01	35.77 -0.24 -2.35	39.95 -0.19 -2.77	39.85 -0.19 -3.03	35.38 -0.20 -2.08	31.07 -0.17 -2.27	30.50 -0.15 -0.17
BIXINCNT_115KV_LOAD 355685	30.12 -1.79 0.00	27.46 -1.88 0.00	25.92 -1.98 0.00	25.44 -2.33 0.00	26.78 -2.36 0.00	30.63 -2.74 0.00	38.45 -4.08 0.00	40.15 -4.17 0.00	34.94 -3.20 0.00	24.89 -2.97 -0.12	23.85 -2.24 0.00	22.56 -1.93 0.00	21.76 -1.76 0.00	21.73 -1.99 0.00	21.44 -2.52 -0.15	19.69 -2.15 -1.13	19.86 -2.02 -1.66	22.62 -2.49 -2.23	31.43 -3.53 -1.30	35.05 -3.85 -1.53	34.83 -3.85 -1.68	31.13 -3.52 -1.15	27.10 -3.13 -1.26	27.34 -3.23 -0.09
BLACK RIVER___HYD 24047	31.94 0.03 0.00	29.37 0.03 0.00	27.87 -0.03 0.00	27.86 0.08 0.00	29.26 0.12 0.00	33.60 0.24 0.00	42.92 0.38 0.00	44.58 0.27 0.00	37.72 -0.42 0.00	26.97 -0.81 -0.04	25.33 -0.76 0.00	23.83 -0.66 0.00	22.84 -0.68 0.00	23.13 -0.59 0.00	23.31 -0.55 -0.04	20.54 -0.50 -0.34	20.27 -0.44 -0.49	23.17 -0.37 -0.66	33.81 -0.23 -0.39	37.75 -0.07 -0.46	37.47 -0.04 -0.50	33.74 -0.10 -0.34	29.12 -0.23 -0.37	30.18 -0.33 -0.03
BLACKRVR_115KV_TB2 79977	31.97 0.06 0.00	29.37 0.03 0.00	27.87 -0.03 0.00	27.85 0.08 0.00	29.26 0.12 0.00	33.60 0.23 0.00	42.92 0.38 0.00	44.58 0.27 0.00	37.72 -0.42 0.00	26.97 -0.80 -0.04	25.34 -0.76 0.00	23.83 -0.66 0.00	22.84 -0.68 0.00	23.13 -0.59 0.00	23.31 -0.55 -0.04	20.54 -0.50 -0.34	20.27 -0.44 -0.49	23.17 -0.37 -0.66	33.81 -0.24 -0.39	37.75 -0.07 -0.46	37.47 -0.04 -0.50	33.74 -0.10 -0.34	29.12 -0.23 -0.37	30.17 -0.34 -0.03
BLISS_WT_PWR 323608	30.05 -1.85 0.00	27.37 -1.97 0.00	25.75 -2.15 0.00	25.30 -2.47 0.00	26.61 -2.54 0.00	30.50 -2.87 0.00	38.20 -4.34 0.00	39.93 -4.39 0.00	34.71 -3.43 0.00	24.86 -3.00 -0.12	23.61 -2.48 0.00	22.39 -2.11 0.00	21.62 -1.90 0.00	21.59 -2.14 0.00	21.27 -2.69 -0.15	19.54 -2.30 -1.13	19.72 -2.16 -1.66	22.50 -2.61 -2.23	31.26 -3.70 -1.30	34.86 -4.04 -1.53	34.57 -4.11 -1.68	30.87 -3.79 -1.15	26.78 -3.45 -1.26	27.04 -3.54 -0.09
BLUESTONE___WT_PWR 323821	33.34 1.44 0.00	30.60 1.26 0.00	29.05 1.14 0.00	28.91 1.14 0.00	30.37 1.22 0.00	34.93 1.57 0.00	44.66 2.13 0.00	46.44 2.13 0.00	39.82 1.68 0.00	28.69 0.72 -0.23	26.77 0.68 0.00	25.20 0.71 0.00	24.16 0.64 0.00	24.41 0.69 0.00	24.77 0.67 -0.29	23.53 0.60 -2.22	24.12 0.65 -3.25	28.01 0.78 -4.35	37.61 1.41 -2.54	42.05 1.68 -3.00	41.92 1.63 -3.29	37.16 1.41 -2.26	32.53 1.10 -2.46	31.79 1.13 -0.18
BLUE_CIRC_CHEM_DRP 24182	32.86 0.96 0.00	30.22 0.88 0.00	28.74 0.84 0.00	28.63 0.86 0.00	30.05 0.90 0.00	34.40 1.03 0.00	43.81 1.28 0.00	45.69 1.37 0.00	39.25 1.11 0.00	29.35 0.78 -0.83	26.74 0.65 0.00	25.08 0.59 0.00	24.09 0.56 0.00	24.36 0.64 0.00	25.53 0.67 -1.04	29.16 0.60 -7.85	32.31 0.59 -11.50	39.04 0.66 -15.49	43.79 1.08 -9.06	49.26 1.20 -10.70	49.91 1.18 -11.72	42.62 1.07 -8.05	38.70 0.96 -8.76	32.17 1.04 -0.65
BOC_GAS_DRP 24189	32.67 0.77 0.00	30.01 0.67 0.00	28.57 0.67 0.00	28.47 0.69 0.00	29.84 0.70 0.00	34.17 0.80 0.00	43.64 1.11 0.00	45.65 1.33 0.00	39.32 1.18 0.00	29.47 0.89 -0.84	26.87 0.78 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.44 0.71 0.00	25.61 0.74 -1.05	29.31 0.62 -7.99	32.53 0.61 -11.70	39.21 0.69 -15.64	43.88 1.08 -9.15	49.33 1.16 -10.80	49.98 1.15 -11.83	42.66 1.04 -8.12	38.75 0.93 -8.85	32.12 0.98 -0.66
BOONVILLE_115KV_TB1 79983	32.41 0.51 0.00	29.78 0.44 0.00	28.29 0.39 0.00	28.24 0.47 0.00	29.64 0.50 0.00	34.00 0.63 0.00	43.43 0.89 0.00	45.20 0.89 0.00	38.52 0.38 0.00	27.73 -0.03 -0.02	26.04 -0.05 0.00	24.47 -0.02 0.00	23.50 -0.02 0.00	23.75 0.02 0.00	23.89 0.05 -0.03	20.97 0.04 -0.22	20.63 0.08 -0.32	23.47 0.16 -0.43	34.28 0.37 -0.25	38.15 0.49 -0.30	37.81 0.48 -0.33	34.09 0.37 -0.22	29.48 0.26 -0.24	30.71 0.21 -0.02
BORALEX_4TH_BRANCH 23824	33.43 1.53 0.00	30.63 1.29 0.00	29.16 1.26 0.00	29.08 1.31 0.00	30.60 1.46 0.00	35.10 1.74 0.00	45.00 2.47 0.00	47.20 2.88 0.00	40.35 2.21 0.00	30.20 1.61 -0.85	27.50 1.41 0.00	25.74 1.25 0.00	24.72 1.20 0.00	25.00 1.28 0.00	26.19 1.31 -1.06	29.90 1.14 -8.06	33.14 1.11 -11.81	39.89 1.24 -15.78	44.87 1.99 -9.23	50.54 2.28 -10.90	51.16 2.22 -11.93	43.74 2.04 -8.19	39.64 1.74 -8.93	32.97 1.83 -0.66
BOWLINE___1 23526	33.53 1.63 0.00	30.84 1.50 0.00	29.38 1.48 0.00	29.24 1.47 0.00	30.60 1.46 0.00	35.10 1.73 0.00	45.00 2.47 0.00	47.55 3.23 0.00	40.92 2.78 0.00	30.48 2.05 -0.69	27.92 1.83 0.00	26.16 1.67 0.00	25.10 1.58 0.00	25.29 1.57 0.00	26.25 1.57 -0.86	28.64 1.39 -6.55	31.21 1.39 -9.59	37.33 1.62 -12.82	43.68 2.53 -7.50	49.06 2.84 -8.85	49.55 2.85 -9.70	42.67 2.51 -6.66	38.37 2.14 -7.25	33.25 2.22 -0.54
BOWLINE___2 23595	33.53 1.63 0.00	30.84 1.50 0.00	29.38 1.48 0.00	29.24 1.47 0.00	30.60 1.46 0.00	35.10 1.73 0.00	45.00 2.47 0.00	47.55 3.23 0.00	40.92 2.78 0.00	30.48 2.05 -0.69	27.92 1.83 0.00	26.16 1.67 0.00	25.10 1.58 0.00	25.29 1.57 0.00	26.25 1.57 -0.86	28.64 1.39 -6.55	31.21 1.39 -9.59	37.33 1.62 -12.82	43.68 2.53 -7.50	49.06 2.84 -8.86	49.55 2.85 -9.70	42.67 2.51 -6.66	38.37 2.14 -7.25	33.25 2.22 -0.54
BRADY___115KV_TB2 356060	32.03 0.13 0.00	29.57 0.23 0.00	28.01 0.11 0.00	27.94 0.17 0.00	29.32 0.17 0.00	33.53 0.17 0.00	42.58 0.04 0.00	44.05 -0.27 0.00	37.72 -0.42 0.00	27.29 -0.44 0.00	25.70 -0.39 0.00	24.08 -0.42 0.00	23.15 -0.38 0.00	23.34 -0.38 0.00	23.46 -0.36 0.00	20.39 -0.31 0.00	19.92 -0.30 0.00	22.58 -0.30 0.00	33.25 -0.40 0.00	36.92 -0.45 0.00	36.60 -0.41 0.00	33.10 -0.40 0.00	28.63 -0.35 0.00	30.15 -0.34 0.00
BRANSCOMB___SOLAR 323811	33.53 1.63 0.00	30.81 1.47 0.00	29.27 1.37 0.00	29.16 1.39 0.00	30.80 1.66 0.00	35.33 1.97 0.00	45.17 2.64 0.00	47.11 2.79 0.00	40.27 2.13 0.00	30.02 1.41 -0.87	27.32 1.23 0.00	25.47 0.98 0.00	24.51 0.99 0.00	24.82 1.09 0.00	26.04 1.14 -1.09	30.06 1.14 -8.22	33.39 1.13 -12.04	40.15 1.14 -16.13	44.91 1.82 -9.43	50.63 2.13 -11.13	51.35 2.15 -12.20	43.75 1.87 -8.37	39.69 1.59 -9.12	32.81 1.64 -0.68
BRENTWOD_69_KV_W. BRTWOOD 56703	34.36 2.46 0.00	31.60 2.26 0.00	30.22 2.32 0.00	30.10 2.33 0.00	31.36 2.21 0.00	35.84 2.47 0.00	46.40 3.87 0.00	49.01 4.70 0.00	42.39 4.08 -0.17	32.41 3.00 -1.68	29.30 2.66 -0.55	27.58 2.47 -0.62	26.45 2.26 -0.67	26.66 2.28 -0.66	27.58 2.26 -1.50	29.95 1.99 -7.26	32.55 2.02 -10.30	39.21 2.36 -13.97	45.53 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.36 3.95 -6.90	39.83 3.33 -7.52	34.18 3.14 -0.56

BRISTLHL_115KV_TB1 79998	31.23 -0.67 0.00	28.69 -0.65 0.00	27.29 -0.61 0.00	27.13 -0.64 0.00	28.50 -0.64 0.00	32.63 -0.73 0.00	41.68 -0.85 0.00	43.43 -0.89 0.00	37.34 -0.80 0.00	27.21 -0.58 -0.05	25.62 -0.47 0.00	24.08 -0.42 0.00	23.12 -0.40 0.00	23.32 -0.40 0.00	23.45 -0.43 -0.07	20.86 -0.35 -0.51	20.60 -0.36 -0.74	23.48 -0.39 -0.99	33.63 -0.61 -0.58	37.42 -0.64 -0.69	37.09 -0.67 -0.75	33.41 -0.60 -0.52	28.99 -0.55 -0.56	29.94 -0.58 -0.04
BROOKHAVEN___DRP 24191	33.94 2.04 0.00	31.28 1.94 0.00	30.02 2.12 0.00	29.91 2.14 0.00	31.15 2.01 0.00	35.50 2.14 0.00	46.28 3.74 0.00	48.88 4.56 0.00	41.81 3.51 -0.16	32.09 2.69 -1.66	28.93 2.30 -0.54	27.28 2.18 -0.60	26.06 1.88 -0.66	26.27 1.90 -0.65	27.07 1.76 -1.49	29.55 1.59 -7.25	32.17 1.66 -10.29	38.76 1.92 -13.96	45.32 3.60 -8.06	50.51 3.96 -9.18	50.94 3.89 -10.05	44.29 3.89 -6.90	39.74 3.25 -7.52	33.88 2.83 -0.56
BROOKLYN_NAVY_YARD 23515	34.30 2.39 0.00	31.51 2.17 0.00	30.02 2.12 0.00	29.86 2.08 0.00	31.21 2.07 0.00	35.80 2.43 0.00	46.02 3.49 0.00	48.53 4.21 0.00	45.18 3.66 -3.38	49.82 2.66 -19.42	39.29 2.43 -10.77	38.74 2.23 -12.02	38.74 2.12 -13.10	38.74 2.14 -12.88	38.74 2.14 -12.78	38.73 1.88 -16.14	39.27 1.88 -17.16	51.77 2.15 -26.74	50.67 3.33 -13.68	50.62 3.66 -9.59	50.68 3.63 -10.04	43.64 3.25 -6.90	39.30 2.81 -7.51	33.94 2.90 -0.56
BROOKLYN___ARMY_DRP 323595	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
BROOKVLE_69_KV_TB1 55790	34.26 2.36 0.00	31.51 2.17 0.00	30.02 2.12 0.00	29.88 2.11 0.00	31.21 2.07 0.00	35.77 2.40 0.00	46.02 3.49 0.00	48.57 4.25 0.00	42.27 3.85 -0.28	32.86 2.83 -2.30	29.58 2.58 -0.91	27.88 2.38 -1.01	26.89 2.26 -1.11	27.09 2.28 -1.09	28.00 2.29 -1.90	30.26 1.99 -7.57	32.74 1.98 -10.54	39.54 2.24 -14.42	45.35 3.43 -8.26	50.26 3.70 -9.20	50.68 3.63 -10.05	43.82 3.42 -6.91	39.42 2.93 -7.52	33.97 2.93 -0.56
BROOME_2_LFGE 323671	31.84 -0.06 0.00	29.22 -0.12 0.00	27.76 -0.14 0.00	27.58 -0.19 0.00	28.97 -0.17 0.00	33.23 -0.13 0.00	42.32 -0.21 0.00	44.05 -0.26 0.00	37.99 -0.15 0.00	27.73 -0.22 -0.22	25.96 -0.13 0.00	24.42 -0.07 0.00	23.45 -0.14 0.00	23.58 -0.14 0.00	23.85 -0.24 -0.27	22.57 -0.19 -2.05	23.06 -0.16 -3.00	26.66 -0.23 -4.01	35.77 -0.23 -2.35	39.95 -0.19 -2.77	39.85 -0.18 -3.03	35.38 -0.20 -2.08	31.04 -0.20 -2.27	30.50 -0.15 -0.17
BROOME___LFGE 323600	31.84 -0.06 0.00	29.22 -0.12 0.00	27.76 -0.14 0.00	27.58 -0.19 0.00	28.97 -0.17 0.00	33.23 -0.13 0.00	42.32 -0.21 0.00	44.05 -0.26 0.00	37.99 -0.15 0.00	27.73 -0.22 -0.22	25.96 -0.13 0.00	24.42 -0.07 0.00	23.45 -0.14 0.00	23.58 -0.14 0.00	23.85 -0.24 -0.27	22.57 -0.19 -2.05	23.06 -0.16 -3.00	26.66 -0.23 -4.01	35.77 -0.23 -2.35	39.95 -0.19 -2.77	39.85 -0.18 -3.03	35.38 -0.20 -2.08	31.04 -0.20 -2.27	30.50 -0.15 -0.17
BROWNFLS_115KV_TB 3_5 80003	31.49 -0.41 0.00	29.02 -0.32 0.00	27.54 -0.36 0.00	27.49 -0.28 0.00	28.85 -0.29 0.00	33.07 -0.30 0.00	42.11 -0.43 0.00	43.65 -0.66 0.00	37.15 -0.99 0.00	26.76 -1.00 -0.02	25.15 -0.94 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.89 -0.83 0.00	23.05 -0.79 -0.02	20.17 -0.70 -0.17	19.79 -0.69 -0.26	22.53 -0.69 -0.34	32.95 -0.91 -0.20	36.67 -0.93 -0.24	36.34 -0.93 -0.26	32.77 -0.90 -0.18	28.36 -0.81 -0.19	29.58 -0.91 -0.01
BROWNSV1_27_KV_LOAD 356125	34.42 2.52 0.00	31.63 2.29 0.00	30.13 2.23 0.00	29.97 2.19 0.00	31.33 2.19 0.00	35.90 2.54 0.00	46.23 3.70 0.00	48.75 4.43 0.00	45.33 3.81 -3.38	49.96 2.80 -19.42	39.40 2.53 -10.77	38.84 2.33 -12.02	38.84 2.21 -13.10	38.84 2.23 -12.88	38.84 2.24 -12.78	38.81 1.97 -16.14	39.35 1.96 -17.16	51.88 2.27 -26.74	50.80 3.47 -13.68	50.81 3.85 -9.59	50.86 3.81 -10.04	43.81 3.42 -6.90	39.41 2.93 -7.51	34.06 3.02 -0.56
BURROWS___LYONSDAL 23803	32.25 0.35 0.00	29.66 0.32 0.00	28.18 0.28 0.00	28.13 0.36 0.00	29.52 0.38 0.00	33.87 0.50 0.00	43.26 0.72 0.00	44.98 0.66 0.00	38.22 0.08 0.00	27.51 -0.25 -0.02	25.83 -0.26 0.00	24.27 -0.22 0.00	23.29 -0.24 0.00	23.53 -0.19 0.00	23.70 -0.14 -0.03	20.78 -0.14 -0.23	20.45 -0.10 -0.33	23.30 -0.02 -0.44	34.05 0.13 -0.26	37.89 0.22 -0.30	37.56 0.22 -0.33	33.86 0.13 -0.23	29.25 0.03 -0.25	30.47 -0.03 -0.02
CAITHNESS_CC_1 323624	33.95 2.04 0.00	31.25 1.91 0.00	30.08 2.18 0.00	29.91 2.14 0.00	31.13 1.98 0.00	35.90 2.53 0.00	46.06 3.53 0.00	48.79 4.47 0.00	41.85 3.55 -0.16	32.12 2.72 -1.66	29.06 2.43 -0.54	27.30 2.21 -0.60	26.11 1.93 -0.66	26.32 1.95 -0.65	27.14 1.83 -1.49	29.59 1.64 -7.25	32.21 1.70 -10.29	38.81 1.97 -13.96	45.32 3.60 -8.06	50.47 3.92 -9.18	50.86 3.81 -10.05	44.22 3.82 -6.90	39.71 3.22 -7.52	34.03 2.99 -0.56
CALPINE BETH_PAGE_GT4 24209	34.10 2.20 0.00	31.36 2.02 0.00	29.94 2.04 0.00	29.80 2.03 0.00	31.10 1.95 0.00	35.57 2.20 0.00	45.85 3.32 0.00	48.39 4.08 0.00	42.17 3.81 -0.21	32.50 2.83 -1.93	29.42 2.64 -0.70	27.69 2.42 -0.78	26.68 2.31 -0.85	26.86 2.30 -0.83	27.79 2.31 -1.66	30.10 2.01 -7.39	32.58 1.96 -10.40	39.16 2.13 -14.15	45.07 3.26 -8.14	50.07 3.51 -9.19	50.49 3.44 -10.05	43.72 3.32 -6.91	39.34 2.84 -7.52	33.88 2.83 -0.56
CALPINE_BETH_PAGE_GT_4 323586	34.10 2.20 0.00	31.36 2.02 0.00	29.99 2.09 0.00	29.80 2.03 0.00	31.10 1.95 0.00	35.80 2.43 0.00	45.77 3.23 0.00	48.39 4.07 0.00	42.17 3.81 -0.21	32.50 2.83 -1.93	29.45 2.66 -0.70	27.70 2.43 -0.78	26.68 2.31 -0.85	26.86 2.30 -0.83	27.79 2.31 -1.66	30.10 2.01 -7.38	32.58 1.96 -10.40	39.16 2.13 -14.15	45.06 3.26 -8.14	50.07 3.51 -9.19	50.49 3.44 -10.05	43.72 3.32 -6.91	39.34 2.84 -7.52	34.00 2.96 -0.56
CALPINE_BP_GT1 23823	34.10 2.20 0.00	31.36 2.02 0.00	29.99 2.09 0.00	29.80 2.03 0.00	31.10 1.95 0.00	35.80 2.43 0.00	45.77 3.23 0.00	48.39 4.07 0.00	42.17 3.81 -0.21	32.50 2.83 -1.93	29.45 2.66 -0.70	27.70 2.43 -0.78	26.68 2.31 -0.85	26.86 2.30 -0.83	27.79 2.31 -1.66	30.10 2.01 -7.38	32.58 1.96 -10.40	39.16 2.13 -14.15	45.06 3.26 -8.14	50.07 3.51 -9.19	50.49 3.44 -10.05	43.72 3.32 -6.91	39.34 2.84 -7.52	34.00 2.96 -0.56
CALSPAN___DRP 24200	29.93 -1.98 0.00	27.32 -2.02 0.00	25.95 -1.95 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.86 -2.50 0.00	38.71 -3.83 0.00	40.20 -4.12 0.00	35.17 -2.97 0.00	25.46 -2.39 -0.11	24.24 -1.85 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.16 -1.57 0.00	22.10 -1.86 -0.14	20.18 -1.57 -1.05	20.24 -1.52 -1.53	22.82 -2.13 -2.07	31.87 -3.00 -1.21	35.57 -3.21 -1.42	35.48 -3.07 -1.55	31.92 -2.65 -1.06	27.90 -2.23 -1.16	28.25 -2.32 -0.09

CALVERTON___SOLAR 323806	33.95 2.04 0.00	31.25 1.91 0.00	30.13 2.23 0.00	29.96 2.19 0.00	31.18 2.04 0.00	36.00 2.64 0.00	46.23 3.70 0.00	49.01 4.70 0.00	41.81 3.51 -0.16	32.12 2.72 -1.66	29.06 2.43 -0.54	27.28 2.18 -0.60	26.04 1.86 -0.66	26.22 1.85 -0.65	27.02 1.72 -1.49	29.49 1.53 -7.25	32.13 1.62 -10.29	38.74 1.90 -13.96	45.39 3.67 -8.06	50.59 4.04 -9.18	50.97 3.92 -10.05	44.36 3.95 -6.90	39.80 3.30 -7.52	34.06 3.02 -0.56
CANDIGU_WT_PWR 323617	30.88 -1.02 0.00	28.23 -1.11 0.00	26.73 -1.17 0.00	26.41 -1.36 0.00	27.75 -1.40 0.00	31.77 -1.60 0.00	40.11 -2.42 0.00	41.57 -2.75 0.00	35.89 -2.25 0.00	26.08 -1.80 -0.15	24.53 -1.56 0.00	23.12 -1.37 0.00	22.23 -1.29 0.00	22.23 -1.49 0.00	22.29 -1.71 -0.19	20.66 -1.45 -1.40	20.88 -1.40 -2.06	23.89 -1.74 -2.76	33.01 -2.25 -1.61	37.06 -2.20 -1.90	36.90 -2.18 -2.08	32.92 -2.01 -1.43	28.73 -1.80 -1.55	28.86 -1.74 -0.12
CARR STREET_E_SYR 24060	31.46 -0.45 0.00	28.90 -0.44 0.00	27.48 -0.42 0.00	27.30 -0.47 0.00	28.68 -0.47 0.00	32.90 -0.47 0.00	41.94 -0.60 0.00	43.74 -0.58 0.00	37.64 -0.50 0.00	27.44 -0.36 -0.06	25.81 -0.29 0.00	24.27 -0.22 0.00	23.33 -0.19 0.00	23.51 -0.21 0.00	23.65 -0.24 -0.08	21.08 -0.21 -0.58	20.87 -0.20 -0.85	23.79 -0.23 -1.14	33.95 -0.37 -0.66	37.78 -0.37 -0.78	37.46 -0.41 -0.86	33.72 -0.37 -0.59	29.27 -0.35 -0.64	30.17 -0.36 -0.05
CARTHAGE___PAPER 23857	31.87 -0.03 0.00	29.34 0.00 0.00	27.85 -0.06 0.00	27.80 0.03 0.00	29.20 0.06 0.00	33.53 0.17 0.00	42.83 0.30 0.00	44.45 0.13 0.00	37.57 -0.57 0.00	26.91 -0.86 -0.03	25.26 -0.84 0.00	23.73 -0.76 0.00	22.77 -0.75 0.00	23.01 -0.71 0.00	23.21 -0.64 -0.04	20.43 -0.58 -0.30	20.14 -0.53 -0.44	23.01 -0.46 -0.59	33.60 -0.40 -0.35	37.47 -0.30 -0.41	37.20 -0.26 -0.45	33.47 -0.33 -0.31	28.90 -0.41 -0.34	29.99 -0.52 -0.02
CASSADAGA_WT_PWR 323784	30.44 -1.47 0.00	27.67 -1.67 0.00	26.11 -1.79 0.00	25.61 -2.17 0.00	26.90 -2.24 0.00	30.86 -2.50 0.00	38.66 -3.87 0.00	40.33 -3.99 0.00	35.13 -3.01 0.00	25.31 -2.55 -0.12	23.98 -2.11 0.00	22.63 -1.86 0.00	21.78 -1.74 0.00	21.73 -1.99 0.00	21.46 -2.50 -0.15	19.76 -2.07 -1.12	19.96 -1.90 -1.64	22.67 -2.43 -2.21	31.59 -3.37 -1.29	35.41 -3.47 -1.52	35.41 -3.26 -1.66	31.66 -2.98 -1.14	27.55 -2.67 -1.24	27.98 -2.59 -0.09
CE_DUNWOOD___DRP 24194	33.88 1.98 0.00	31.16 1.82 0.00	29.66 1.76 0.00	29.52 1.75 0.00	30.89 1.75 0.00	35.40 2.04 0.00	45.51 2.98 0.00	47.99 3.68 0.00	41.40 3.13 -0.13	31.44 2.27 -1.42	28.56 2.06 -0.41	26.83 1.89 -0.46	25.83 1.81 -0.50	26.02 1.80 -0.49	26.97 1.81 -1.34	29.42 1.59 -7.13	32.01 1.60 -10.19	38.48 1.83 -13.77	44.50 2.86 -7.98	49.71 3.18 -9.17	50.18 3.15 -10.03	43.20 2.81 -6.88	38.88 2.40 -7.50	33.54 2.50 -0.56
CE_MILLWOOD___DRP 24193	33.79 1.88 0.00	31.07 1.73 0.00	29.60 1.70 0.00	29.47 1.69 0.00	30.83 1.69 0.00	35.33 1.97 0.00	45.38 2.85 0.00	47.86 3.55 0.00	41.29 3.05 -0.10	31.24 2.22 -1.28	28.40 1.98 -0.33	26.67 1.81 -0.37	25.66 1.74 -0.40	25.85 1.73 -0.39	26.81 1.74 -1.25	29.28 1.53 -7.04	31.88 1.54 -10.12	38.29 1.76 -13.65	44.34 2.76 -7.92	49.58 3.06 -9.15	50.09 3.07 -10.01	43.09 2.71 -6.87	38.78 2.32 -7.49	33.45 2.41 -0.56
CE_NYC2_DRP 24202	35.81 2.46 -1.45	32.12 2.26 -0.52	30.30 2.18 -0.22	29.92 2.14 -0.01	31.31 2.16 -0.01	35.88 2.50 -0.01	46.21 3.62 -0.06	48.67 4.34 -0.01	48.67 3.70 -6.83	53.94 2.69 -23.51	47.61 2.48 -19.04	47.61 2.28 -20.84	47.61 2.16 -21.92	48.14 2.18 -22.24	47.61 2.19 -21.61	47.61 1.93 -24.98	48.14 1.90 -26.02	54.73 2.17 -29.68	54.23 3.37 -17.21	50.79 3.74 -9.68	50.79 3.74 -10.05	44.51 3.35 -7.66	40.25 2.84 -8.44	35.51 2.96 -2.07
CE_NYC_DRP 24195	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.70 2.34 0.00	45.98 3.45 0.00	48.48 4.17 0.00	44.91 3.59 -3.18	48.70 2.61 -18.35	38.63 2.37 -10.16	38.01 2.18 -11.34	37.95 2.07 -12.35	37.96 2.09 -12.15	38.02 2.10 -12.11	38.16 1.84 -15.61	38.81 1.84 -16.75	50.95 2.10 -25.97	50.27 3.26 -13.34	50.52 3.59 -9.57	50.60 3.55 -10.04	43.61 3.22 -6.90	39.21 2.72 -7.51	33.88 2.83 -0.56
CHAFFEE___LFGE 323603	30.15 -1.75 0.00	27.55 -1.79 0.00	26.11 -1.79 0.00	25.80 -1.97 0.00	27.19 -1.95 0.00	31.27 -2.10 0.00	39.30 -3.23 0.00	41.08 -3.23 0.00	35.70 -2.44 0.00	25.48 -2.39 -0.13	24.34 -1.75 0.00	22.97 -1.52 0.00	22.09 -1.44 0.00	22.06 -1.66 0.00	21.54 -2.43 -0.16	19.81 -2.09 -1.20	20.06 -1.92 -1.75	22.86 -2.38 -2.36	31.67 -3.37 -1.38	35.47 -3.51 -1.62	35.38 -3.40 -1.77	31.64 -3.08 -1.22	27.61 -2.69 -1.33	28.05 -2.53 -0.10
CHATEAUG_35_KV_LOAD 355732	31.78 -0.13 0.00	29.43 0.09 0.00	27.90 0.00 0.00	27.85 0.08 0.00	29.29 0.15 0.00	33.50 0.13 0.00	42.53 0.00 0.00	44.14 -0.18 0.00	37.91 -0.23 0.00	27.54 -0.19 0.00	25.94 -0.16 0.00	24.25 -0.24 0.00	23.29 -0.24 0.00	23.44 -0.28 0.00	23.41 -0.40 0.00	20.23 -0.48 0.00	19.68 -0.55 0.00	22.24 -0.64 0.00	32.55 -1.11 0.00	36.02 -1.35 0.00	35.64 -1.37 0.00	32.16 -1.34 0.00	27.79 -1.19 0.00	29.26 -1.22 0.00
CHATEAUG_WT_PWR 323614	31.74 -0.16 0.00	29.40 0.06 0.00	27.90 0.00 0.00	27.83 0.06 0.00	29.26 0.12 0.00	33.50 0.13 0.00	42.53 0.00 0.00	44.14 -0.18 0.00	37.91 -0.23 0.00	27.55 -0.19 0.00	25.96 -0.13 0.00	24.30 -0.20 0.00	23.33 -0.19 0.00	23.49 -0.24 0.00	23.46 -0.36 0.00	20.27 -0.44 0.00	19.70 -0.53 0.00	22.26 -0.62 0.00	32.58 -1.08 0.00	36.06 -1.31 0.00	35.67 -1.33 0.00	32.19 -1.31 0.00	27.81 -1.16 0.00	29.29 -1.19 0.00
CHAT_HIGH_FALL_HYD 323578	31.78 -0.13 0.00	29.43 0.09 0.00	27.90 0.00 0.00	27.85 0.08 0.00	29.29 0.15 0.00	33.50 0.13 0.00	42.53 0.00 0.00	44.14 -0.18 0.00	37.91 -0.23 0.00	27.54 -0.19 0.00	25.94 -0.16 0.00	24.25 -0.24 0.00	23.29 -0.24 0.00	23.44 -0.28 0.00	23.41 -0.40 0.00	20.23 -0.48 0.00	19.68 -0.55 0.00	22.24 -0.64 0.00	32.55 -1.11 0.00	36.02 -1.35 0.00	35.64 -1.37 0.00	32.16 -1.34 0.00	27.79 -1.19 0.00	29.26 -1.22 0.00
CHAUTAUQUA___LFGE 323629	30.50 -1.40 0.00	27.78 -1.56 0.00	26.31 -1.59 0.00	25.88 -1.89 0.00	27.25 -1.89 0.00	31.30 -2.07 0.00	39.22 -3.32 0.00	40.86 -3.46 0.00	35.62 -2.52 0.00	25.75 -2.11 -0.12	24.40 -1.70 0.00	23.07 -1.42 0.00	22.18 -1.34 0.00	22.16 -1.57 0.00	22.01 -1.95 -0.15	20.17 -1.64 -1.10	20.31 -1.52 -1.61	23.03 -2.01 -2.16	32.13 -2.79 -1.27	35.97 -2.88 -1.48	35.89 -2.74 -1.63	32.17 -2.44 -1.12	28.05 -2.14 -1.22	28.50 -2.07 -0.09
CHERRYST_13_KV_LD 356241	34.30 2.39 0.00	31.54 2.20 0.00	30.02 2.12 0.00	29.85 2.08 0.00	31.24 2.10 0.00	35.80 2.44 0.00	46.11 3.57 0.00	48.62 4.30 0.00	45.04 3.70 -3.20	48.92 2.72 -18.46	38.77 2.45 -10.22	38.17 2.28 -11.40	38.12 2.16 -12.43	38.10 2.16 -12.22	38.16 2.17 -12.17	38.27 1.90 -15.66	38.92 1.90 -16.79	51.10 2.17 -26.05	50.40 3.37 -13.38	50.63 3.70 -9.57	50.71 3.66 -10.04	43.68 3.28 -6.90	39.30 2.81 -7.51	33.94 2.90 -0.56

CHESTROR_138KV_BK263 355645	33.27 1.37 0.00	30.60 1.26 0.00	29.13 1.23 0.00	29.02 1.25 0.00	30.40 1.25 0.00	34.80 1.43 0.00	44.62 2.08 0.00	47.06 2.75 0.00	40.50 2.36 0.00	30.12 1.72 -0.66	27.63 1.54 0.00	25.89 1.40 0.00	24.84 1.32 0.00	25.03 1.30 0.00	25.97 1.33 -0.83	28.14 1.18 -6.26	30.56 1.17 -9.17	36.51 1.37 -12.26	42.95 2.12 -7.17	48.30 2.47 -8.47	48.72 2.44 -9.27	42.01 2.14 -6.37	37.73 1.83 -6.94	32.89 1.89 -0.52
CH_MIDHUDSON___DRP 24192	33.59 1.69 0.00	30.92 1.58 0.00	29.41 1.51 0.00	29.30 1.53 0.00	30.69 1.54 0.00	35.13 1.77 0.00	45.09 2.55 0.00	47.51 3.19 0.00	40.89 2.75 0.00	30.43 1.97 -0.72	27.87 1.77 0.00	26.11 1.62 0.00	25.05 1.53 0.00	25.27 1.54 0.00	26.29 1.57 -0.90	28.92 1.39 -6.83	31.60 1.38 -10.00	37.84 1.58 -13.38	43.94 2.46 -7.82	49.41 2.80 -9.24	49.90 2.78 -10.12	42.89 2.45 -6.95	38.63 2.09 -7.57	33.21 2.16 -0.56
CH_MISC_IPPS 23765	33.69 1.79 0.00	31.01 1.67 0.00	29.52 1.62 0.00	29.38 1.61 0.00	30.77 1.63 0.00	35.27 1.90 0.00	45.26 2.72 0.00	47.68 3.37 0.00	41.08 2.94 0.00	30.55 2.11 -0.71	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.34 1.61 0.00	26.35 1.64 -0.89	28.91 1.47 -6.74	31.53 1.44 -9.87	37.74 1.67 -13.19	43.96 2.59 -7.71	49.47 2.99 -9.11	49.98 3.00 -9.98	42.90 2.54 -6.85	38.64 2.20 -7.47	33.35 2.32 -0.55
CH_RES_BVR_FALLS 23983	31.58 -0.32 0.00	29.10 -0.24 0.00	27.68 -0.22 0.00	27.55 -0.22 0.00	28.88 -0.26 0.00	32.97 -0.40 0.00	41.77 -0.76 0.00	43.34 -0.98 0.00	37.30 -0.84 0.00	27.13 -0.61 0.00	25.49 -0.60 0.00	23.90 -0.59 0.00	22.94 -0.59 0.00	23.13 -0.59 0.00	23.20 -0.62 0.00	20.17 -0.54 0.00	19.68 -0.55 0.00	22.28 -0.60 0.00	32.72 -0.94 0.00	36.28 -1.08 0.00	35.93 -1.07 0.00	32.50 -1.00 0.00	28.13 -0.84 0.00	29.60 -0.88 0.00
CH_RES_NIAGARA 23895	29.06 -2.84 0.00	26.55 -2.79 0.00	25.22 -2.68 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.03 -3.34 0.00	37.60 -4.93 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.04 -2.80 -0.10	23.64 -2.45 0.00	22.51 -1.98 0.00	21.67 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 0.00	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.63 -1.43	31.37 -3.12 -0.98	27.47 -2.58 -1.07	27.82 -2.74 -0.08
CH_RES_SYRACUSE 23985	31.65 -0.26 0.00	29.08 -0.26 0.00	27.62 -0.28 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.10 -0.27 0.00	42.24 -0.30 0.00	44.01 -0.31 0.00	37.88 -0.27 0.00	27.58 -0.22 -0.07	25.94 -0.16 0.00	24.40 -0.10 0.00	23.45 -0.07 0.00	23.61 -0.12 0.00	23.76 -0.14 -0.09	21.25 -0.10 -0.65	21.07 -0.10 -0.95	24.03 -0.11 -1.27	34.20 -0.20 -0.74	38.05 -0.19 -0.87	37.78 -0.18 -0.96	33.96 -0.20 -0.66	29.49 -0.20 -0.72	30.32 -0.21 -0.05
CLINTON_WT_PWR 323605	31.74 -0.16 0.00	29.40 0.06 0.00	27.90 0.00 0.00	27.83 0.06 0.00	29.26 0.12 0.00	33.50 0.13 0.00	42.53 0.00 0.00	44.14 -0.18 0.00	37.91 -0.23 0.00	27.55 -0.19 0.00	25.96 -0.13 0.00	24.30 -0.20 0.00	23.33 -0.19 0.00	23.49 -0.24 0.00	23.46 -0.36 0.00	20.27 -0.44 0.00	19.70 -0.53 0.00	22.26 -0.62 0.00	32.58 -1.08 0.00	36.06 -1.31 0.00	35.67 -1.33 0.00	32.19 -1.31 0.00	27.81 -1.16 0.00	29.29 -1.19 0.00
CLINTON___LFGE 323618	32.16 0.25 0.00	29.78 0.44 0.00	28.24 0.34 0.00	28.19 0.42 0.00	29.64 0.49 0.00	33.90 0.53 0.00	43.09 0.55 0.00	44.63 0.31 0.00	38.37 0.23 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.09 0.00	20.52 -0.19 0.00	19.94 -0.28 0.00	22.54 -0.34 0.00	32.95 -0.71 0.00	36.51 -0.86 0.00	36.12 -0.89 0.00	32.56 -0.94 0.00	28.13 -0.84 0.00	29.63 -0.85 0.00
COBBLENY_34_KV_TB1 80064	30.15 -1.75 0.00	27.55 -1.79 0.00	26.17 -1.73 0.00	25.80 -1.97 0.00	27.19 -1.95 0.00	31.23 -2.14 0.00	39.30 -3.23 0.00	41.04 -3.28 0.00	35.70 -2.44 0.00	25.23 -2.64 -0.13	24.37 -1.72 0.00	22.97 -1.52 0.00	22.09 -1.43 0.00	22.06 -1.66 0.00	21.54 -2.43 -0.16	19.81 -2.09 -1.20	20.06 -1.92 -1.76	22.86 -2.38 -2.36	31.67 -3.37 -1.38	35.47 -3.51 -1.62	35.37 -3.40 -1.77	31.67 -3.05 -1.22	27.66 -2.64 -1.33	28.05 -2.53 -0.10
COFFEEN___115KV_TB3 355620	32.09 0.19 0.00	29.49 0.15 0.00	27.98 0.08 0.00	27.97 0.19 0.00	29.38 0.23 0.00	33.73 0.37 0.00	43.13 0.60 0.00	44.76 0.44 0.00	37.84 -0.31 0.00	27.03 -0.75 -0.04	25.39 -0.70 0.00	23.86 -0.64 0.00	22.89 -0.64 0.00	23.18 -0.55 0.00	23.34 -0.52 -0.05	20.59 -0.46 -0.34	20.32 -0.40 -0.50	23.28 -0.27 -0.67	33.98 -0.07 -0.39	37.98 0.15 -0.46	37.70 0.19 -0.51	33.95 0.10 -0.35	29.30 -0.06 -0.38	30.33 -0.18 -0.03
COLDSPRG_115KV_BK1 355956	30.88 -1.02 0.00	28.14 -1.20 0.00	26.65 -1.26 0.00	26.19 -1.58 0.00	27.57 -1.57 0.00	31.63 -1.74 0.00	39.77 -2.76 0.00	41.52 -2.79 0.00	36.20 -1.95 0.00	25.78 -2.08 -0.12	24.71 -1.38 0.00	23.29 -1.20 0.00	22.42 -1.11 0.00	22.37 -1.35 0.00	22.02 -1.95 -0.15	20.23 -1.64 -1.16	20.45 -1.48 -1.71	23.22 -1.94 -2.29	32.27 -2.73 -1.34	36.13 -2.80 -1.57	36.10 -2.63 -1.72	32.30 -2.38 -1.18	28.20 -2.06 -1.29	28.63 -1.95 -0.10
COLONIE_LFGE___ 323577	33.18 1.28 0.00	30.45 1.11 0.00	28.99 1.09 0.00	28.88 1.11 0.00	30.40 1.25 0.00	34.80 1.43 0.00	44.58 2.04 0.00	46.58 2.26 0.00	39.93 1.79 0.00	29.90 1.30 -0.86	27.21 1.12 0.00	25.47 0.98 0.00	24.47 0.94 0.00	24.74 1.02 0.00	25.94 1.05 -1.08	29.82 0.95 -8.16	33.11 0.93 -11.95	39.87 0.98 -16.01	44.60 1.58 -9.36	50.21 1.79 -11.05	50.88 1.78 -12.10	43.38 1.57 -8.31	39.39 1.36 -9.05	32.59 1.43 -0.67
COOPERNY_115KV_TB1 80082	32.89 0.99 0.00	30.25 0.91 0.00	28.79 0.89 0.00	28.66 0.89 0.00	30.05 0.90 0.00	34.40 1.03 0.00	44.02 1.49 0.00	45.56 1.24 0.00	39.28 1.14 0.00	28.99 0.78 -0.48	26.80 0.70 0.00	25.13 0.64 0.00	24.14 0.61 0.00	24.34 0.62 0.00	25.03 0.62 -0.60	25.78 0.54 -4.54	27.44 0.57 -6.65	32.41 0.64 -8.89	39.87 1.01 -5.20	44.66 1.16 -6.14	44.88 1.15 -6.72	39.16 1.04 -4.62	34.90 0.90 -5.03	31.80 0.94 -0.37
COPENHAGEN_WT_PWR 323753	31.87 -0.03 0.00	29.28 -0.06 0.00	27.82 -0.08 0.00	27.77 0.00 0.00	29.17 0.03 0.00	33.50 0.13 0.00	42.79 0.26 0.00	44.45 0.13 0.00	37.64 -0.50 0.00	26.97 -0.81 -0.04	25.33 -0.76 0.00	23.83 -0.66 0.00	22.87 -0.66 0.00	23.13 -0.59 0.00	23.32 -0.55 -0.05	20.56 -0.50 -0.35	20.28 -0.46 -0.52	23.18 -0.39 -0.69	33.79 -0.27 -0.41	37.70 -0.15 -0.48	37.42 -0.11 -0.53	33.69 -0.17 -0.36	29.11 -0.26 -0.39	30.15 -0.36 -0.03
CORNELL_____ 23752	32.29 0.38 0.00	29.63 0.29 0.00	28.15 0.25 0.00	27.99 0.22 0.00	29.41 0.26 0.00	33.73 0.37 0.00	43.13 0.60 0.00	44.89 0.58 0.00	38.48 0.34 0.00	27.97 0.08 -0.15	26.20 0.10 0.00	24.64 0.15 0.00	23.66 0.14 0.00	23.82 0.09 0.00	24.05 0.05 -0.19	22.19 0.06 -1.42	22.41 0.10 -2.08	25.80 0.14 -2.79	35.66 0.37 -1.63	39.81 0.52 -1.92	39.59 0.48 -2.11	35.31 0.37 -1.45	30.81 0.26 -1.58	30.87 0.27 -0.12

CORONA__69_KV_TB1 355595	34.26 2.36 0.00	31.51 2.17 0.00	30.05 2.15 0.00	29.91 2.14 0.00	31.21 2.07 0.00	35.74 2.37 0.00	46.02 3.49 0.00	48.53 4.21 0.00	42.46 3.97 -0.35	33.36 2.91 -2.71	29.90 2.66 -1.14	28.22 2.45 -1.28	27.25 2.33 -1.39	27.42 2.32 -1.37	28.31 2.33 -2.16	30.51 2.03 -7.77	32.94 2.02 -10.70	39.90 2.31 -14.71	45.51 3.47 -8.39	50.31 3.74 -9.20	50.71 3.66 -10.05	43.89 3.48 -6.91	39.51 3.01 -7.53	34.03 2.99 -0.56
CORTLAND__115KV_TB3 80093	32.06 0.16 0.00	29.43 0.09 0.00	27.98 0.08 0.00	27.83 0.06 0.00	29.23 0.09 0.00	33.53 0.17 0.00	42.83 0.30 0.00	44.58 0.27 0.00	38.29 0.15 0.00	27.83 -0.03 -0.12	26.12 0.03 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.75 0.02 0.00	23.97 0.00 -0.15	21.85 0.00 -1.15	21.95 0.04 -1.68	25.18 0.05 -2.25	35.14 0.17 -1.32	39.18 0.26 -1.55	38.93 0.22 -1.70	34.84 0.17 -1.17	30.36 0.12 -1.27	30.70 0.12 -0.09
COXSACKIE__GT 23611	33.50 1.59 0.00	30.92 1.58 0.00	29.30 1.39 0.00	29.21 1.44 0.00	30.72 1.57 0.00	35.17 1.80 0.00	44.91 2.38 0.00	46.71 2.39 0.00	40.20 2.06 0.00	29.95 1.41 -0.80	27.08 0.99 0.00	25.35 0.86 0.00	24.37 0.85 0.00	24.62 0.90 0.00	25.81 1.00 -1.00	29.26 0.97 -7.58	32.33 1.01 -11.10	39.03 1.30 -14.84	44.56 2.22 -8.68	49.62 1.87 -10.39	50.30 1.92 -11.38	42.72 1.41 -7.81	38.73 1.25 -8.51	32.49 1.37 -0.63
CPV_VALLEY__CC1 323721	33.05 1.15 0.00	30.39 1.05 0.00	28.93 1.03 0.00	28.83 1.06 0.00	30.19 1.05 0.00	34.60 1.24 0.00	44.28 1.74 0.00	45.12 0.80 0.00	38.94 0.80 0.00	28.79 0.58 -0.46	26.59 0.49 0.00	24.93 0.44 0.00	23.95 0.42 0.00	24.13 0.40 0.00	24.82 0.43 -0.58	25.48 0.37 -4.40	27.07 0.40 -6.44	31.95 0.46 -8.61	39.37 0.67 -5.04	44.14 0.82 -5.95	44.33 0.81 -6.52	38.71 0.74 -4.47	34.48 0.64 -4.87	31.51 0.67 -0.36
CPV_VALLEY__CC2 323722	33.05 1.15 0.00	30.39 1.05 0.00	28.93 1.03 0.00	28.83 1.06 0.00	30.19 1.05 0.00	34.60 1.24 0.00	44.28 1.74 0.00	45.12 0.80 0.00	38.94 0.80 0.00	28.79 0.58 -0.46	26.59 0.49 0.00	24.93 0.44 0.00	23.95 0.42 0.00	24.13 0.40 0.00	24.82 0.43 -0.58	25.48 0.37 -4.40	27.07 0.40 -6.44	31.95 0.46 -8.61	39.37 0.67 -5.04	44.14 0.82 -5.95	44.33 0.81 -6.52	38.71 0.74 -4.47	34.48 0.64 -4.87	31.51 0.67 -0.36
CRESCENT__HYD 24018	33.18 1.28 0.00	30.45 1.11 0.00	28.99 1.09 0.00	28.88 1.11 0.00	30.40 1.25 0.00	34.80 1.43 0.00	44.58 2.04 0.00	46.58 2.26 0.00	39.93 1.79 0.00	29.90 1.30 -0.86	27.21 1.12 0.00	25.47 0.98 0.00	24.47 0.94 0.00	24.74 1.02 0.00	25.94 1.05 -1.08	29.82 0.95 -8.16	33.11 0.93 -11.95	39.87 0.98 -16.01	44.60 1.58 -9.36	50.21 1.79 -11.05	50.88 1.78 -12.10	43.38 1.57 -8.31	39.39 1.36 -9.05	32.59 1.43 -0.67
CRICKET__VALLEY_CC1 323756	33.37 1.47 0.00	30.66 1.32 0.00	29.24 1.34 0.00	29.13 1.36 0.00	30.51 1.37 0.00	34.87 1.50 0.00	44.79 2.25 0.00	47.16 2.84 0.00	40.47 2.33 0.00	30.20 1.72 -0.74	27.68 1.59 0.00	25.94 1.44 0.00	24.91 1.39 0.00	25.15 1.42 0.00	26.19 1.45 -0.93	28.97 1.24 -7.03	31.71 1.19 -10.29	38.01 1.37 -13.76	43.86 2.16 -8.04	49.30 2.43 -9.50	49.82 2.40 -10.41	42.82 2.18 -7.15	38.61 1.86 -7.78	32.98 1.92 -0.58
CRICKET__VALLEY_CC2 323757	33.37 1.47 0.00	30.66 1.32 0.00	29.24 1.34 0.00	29.13 1.36 0.00	30.51 1.37 0.00	34.87 1.50 0.00	44.79 2.25 0.00	47.16 2.84 0.00	40.47 2.33 0.00	30.20 1.72 -0.74	27.68 1.59 0.00	25.94 1.44 0.00	24.91 1.39 0.00	25.15 1.42 0.00	26.19 1.45 -0.93	28.97 1.24 -7.03	31.71 1.19 -10.29	38.01 1.37 -13.76	43.86 2.16 -8.04	49.30 2.43 -9.50	49.82 2.40 -10.41	42.82 2.18 -7.15	38.61 1.86 -7.78	32.98 1.92 -0.58
CRICKET__VALLEY_CC3 323758	33.37 1.47 0.00	30.66 1.32 0.00	29.24 1.34 0.00	29.13 1.36 0.00	30.51 1.37 0.00	34.87 1.50 0.00	44.79 2.25 0.00	47.16 2.84 0.00	40.47 2.33 0.00	30.20 1.72 -0.74	27.68 1.59 0.00	25.94 1.44 0.00	24.91 1.39 0.00	25.15 1.42 0.00	26.19 1.45 -0.93	28.97 1.24 -7.03	31.71 1.19 -10.29	38.01 1.37 -13.76	43.86 2.16 -8.04	49.30 2.43 -9.50	49.82 2.40 -10.41	42.82 2.18 -7.15	38.61 1.86 -7.78	32.98 1.92 -0.58
CRUCIBLE__METL_DRP 24180	31.65 -0.26 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.07 -0.30 0.00	42.24 -0.30 0.00	44.01 -0.31 0.00	37.87 -0.27 0.00	27.58 -0.22 -0.07	25.96 -0.13 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.14 -0.09	21.25 -0.10 -0.65	21.07 -0.10 -0.95	24.03 -0.11 -1.27	34.20 -0.20 -0.74	38.05 -0.19 -0.87	37.78 -0.19 -0.96	33.96 -0.20 -0.66	29.49 -0.20 -0.72	30.32 -0.21 -0.05
DAHOWA__HYDRO 323763	33.62 1.72 0.00	30.86 1.52 0.00	29.32 1.42 0.00	29.21 1.44 0.00	30.89 1.75 0.00	35.47 2.10 0.00	45.34 2.81 0.00	47.24 2.92 0.00	40.43 2.29 0.00	30.10 1.50 -0.87	27.37 1.28 0.00	25.52 1.03 0.00	24.56 1.03 0.00	24.86 1.14 0.00	26.09 1.19 -1.09	30.11 1.16 -8.24	33.47 1.17 -12.07	40.22 1.19 -16.16	45.02 1.92 -9.45	50.76 2.24 -11.15	51.48 2.26 -12.21	43.83 1.94 -8.39	39.76 1.65 -9.14	32.87 1.71 -0.68
DANC__LFGE 323619	31.55 -0.35 0.00	29.02 -0.32 0.00	27.59 -0.31 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.13 -0.23 0.00	42.28 -0.25 0.00	43.96 -0.36 0.00	37.45 -0.69 0.00	27.01 -0.78 -0.04	25.39 -0.70 0.00	23.90 -0.59 0.00	22.94 -0.59 0.00	23.18 -0.54 0.00	23.35 -0.52 -0.05	20.64 -0.48 -0.41	20.37 -0.46 -0.61	23.26 -0.44 -0.81	33.66 -0.47 -0.47	37.52 -0.41 -0.56	37.21 -0.41 -0.61	33.55 -0.37 -0.42	29.06 -0.38 -0.46	30.03 -0.49 -0.03
DANSKAMMER__1 23586	33.69 1.79 0.00	31.01 1.67 0.00	29.52 1.62 0.00	29.38 1.61 0.00	30.77 1.63 0.00	35.27 1.90 0.00	45.26 2.72 0.00	47.68 3.37 0.00	41.08 2.94 0.00	30.55 2.11 -0.71	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.34 1.61 0.00	26.35 1.64 -0.89	28.91 1.47 -6.74	31.53 1.44 -9.87	37.74 1.67 -13.19	43.96 2.59 -7.71	49.47 2.99 -9.11	49.98 3.00 -9.98	42.90 2.54 -6.85	38.64 2.20 -7.47	33.35 2.32 -0.55
DANSKAMMER__2 23589	33.69 1.79 0.00	31.01 1.67 0.00	29.52 1.62 0.00	29.38 1.61 0.00	30.77 1.63 0.00	35.27 1.90 0.00	45.26 2.72 0.00	47.68 3.37 0.00	41.08 2.94 0.00	30.55 2.11 -0.71	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.34 1.61 0.00	26.35 1.64 -0.89	28.91 1.47 -6.74	31.53 1.44 -9.87	37.74 1.67 -13.19	43.96 2.59 -7.71	49.47 2.99 -9.11	49.98 3.00 -9.98	42.90 2.54 -6.85	38.64 2.20 -7.47	33.35 2.32 -0.55
DANSKAMMER__3 23590	33.69 1.79 0.00	31.01 1.67 0.00	29.52 1.62 0.00	29.38 1.61 0.00	30.77 1.63 0.00	35.27 1.90 0.00	45.26 2.72 0.00	47.68 3.37 0.00	41.08 2.94 0.00	30.55 2.11 -0.71	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.34 1.61 0.00	26.35 1.64 -0.89	28.91 1.47 -6.74	31.53 1.44 -9.87	37.74 1.67 -13.19	43.96 2.59 -7.71	49.47 2.99 -9.11	49.98 3.00 -9.98	42.90 2.54 -6.85	38.64 2.20 -7.47	33.35 2.32 -0.55

DANSKAMMER___4 23591	33.69 1.79 0.00	31.01 1.67 0.00	29.52 1.62 0.00	29.38 1.61 0.00	30.77 1.63 0.00	35.27 1.90 0.00	45.26 2.72 0.00	47.68 3.37 0.00	41.08 2.94 0.00	30.55 2.11 -0.71	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.34 1.61 0.00	26.35 1.64 -0.89	28.91 1.47 -6.74	31.53 1.44 -9.87	37.74 1.67 -13.19	43.96 2.59 -7.71	49.47 2.99 -9.11	49.98 3.00 -9.98	42.90 2.54 -6.85	38.64 2.20 -7.47	33.35 2.32 -0.55
DANSKAMMER___DIESEL 23592	33.69 1.79 0.00	31.01 1.67 0.00	29.52 1.62 0.00	29.38 1.61 0.00	30.78 1.63 0.00	35.27 1.90 0.00	45.21 2.68 0.00	47.68 3.37 0.00	41.08 2.94 0.00	30.56 2.11 -0.71	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.34 1.61 0.00	26.35 1.64 -0.89	28.91 1.47 -6.74	31.53 1.44 -9.87	37.75 1.67 -13.20	43.97 2.59 -7.72	49.47 2.99 -9.11	49.98 3.00 -9.98	42.90 2.55 -6.85	38.64 2.20 -7.47	33.35 2.32 -0.55
DARBY___SOLAR 323810	33.56 1.66 0.00	30.81 1.47 0.00	29.30 1.39 0.00	29.19 1.42 0.00	30.80 1.66 0.00	35.37 2.00 0.00	45.22 2.68 0.00	47.16 2.84 0.00	40.35 2.21 0.00	30.05 1.44 -0.87	27.34 1.25 0.00	25.50 1.00 0.00	24.53 1.01 0.00	24.84 1.12 0.00	26.07 1.17 -1.09	30.06 1.14 -8.22	33.39 1.13 -12.04	40.18 1.17 -16.13	44.97 1.88 -9.43	50.67 2.17 -11.13	51.38 2.18 -12.20	43.75 1.87 -8.37	39.69 1.59 -9.12	32.84 1.68 -0.68
DASHVILLE___HYD 23610	33.43 1.53 0.00	30.78 1.44 0.00	29.27 1.37 0.00	29.16 1.39 0.00	30.54 1.40 0.00	34.97 1.60 0.00	44.79 2.25 0.00	47.24 2.92 0.00	40.70 2.56 0.00	30.26 1.80 -0.72	27.68 1.59 0.00	25.94 1.45 0.00	24.89 1.36 0.00	25.10 1.38 0.00	26.12 1.41 -0.90	28.75 1.24 -6.81	31.43 1.23 -9.97	37.67 1.42 -13.38	43.73 2.26 -7.82	48.77 2.17 -9.24	49.27 2.15 -10.12	42.29 1.84 -6.95	38.11 1.56 -7.57	32.69 1.65 -0.56
DEERFIELD_69_KV_DEERFIELD LD 355887	34.04 2.14 0.00	31.48 2.14 0.00	30.30 2.40 0.00	30.24 2.47 0.00	31.53 2.39 0.00	36.00 2.64 0.00	47.00 4.47 0.00	49.72 5.41 0.00	42.31 4.00 -0.16	32.42 3.02 -1.66	29.11 2.48 -0.54	27.35 2.25 -0.60	25.99 1.81 -0.66	26.13 1.76 -0.65	26.86 1.55 -1.49	29.36 1.41 -7.25	32.03 1.52 -10.29	38.65 1.81 -13.96	45.28 3.57 -8.06	50.51 3.96 -9.18	50.94 3.89 -10.05	44.29 3.89 -6.90	39.71 3.22 -7.52	33.88 2.83 -0.56
DELAWARE___LFGE 323621	32.80 0.89 0.00	30.13 0.79 0.00	28.65 0.75 0.00	28.55 0.78 0.00	29.93 0.79 0.00	34.33 0.97 0.00	43.90 1.36 0.00	45.65 1.33 0.00	39.32 1.18 0.00	28.72 0.69 -0.29	26.74 0.65 0.00	25.13 0.64 0.00	24.11 0.59 0.00	24.34 0.62 0.00	24.80 0.62 -0.36	24.01 0.54 -2.77	24.82 0.55 -4.05	28.91 0.62 -5.42	37.87 1.04 -3.17	42.26 1.16 -3.74	42.25 1.15 -4.10	37.38 1.07 -2.81	32.94 0.90 -3.06	31.62 0.91 -0.23
DERFIELD_115KV_TB7 355931	32.09 0.19 0.00	29.52 0.18 0.00	28.07 0.17 0.00	27.94 0.17 0.00	29.32 0.17 0.00	33.57 0.20 0.00	42.83 0.30 0.00	44.67 0.35 0.00	38.41 0.27 0.00	27.90 0.17 0.00	26.22 0.13 0.00	24.62 0.12 0.00	23.64 0.12 0.00	23.84 0.12 0.00	23.96 0.14 0.00	20.83 0.12 0.00	20.34 0.12 0.00	23.04 0.16 0.00	33.93 0.27 0.00	37.66 0.30 0.00	37.30 0.30 0.00	33.77 0.27 0.00	29.18 0.20 0.00	30.70 0.21 0.00
DOGLEVILLE___HYD 23807	33.15 1.24 0.00	30.45 1.11 0.00	29.02 1.12 0.00	28.91 1.14 0.00	30.28 1.14 0.00	34.63 1.27 0.00	43.98 1.45 0.00	45.56 1.24 0.00	38.98 0.84 0.00	28.21 0.47 0.00	26.59 0.49 0.00	25.01 0.52 0.00	23.95 0.42 0.00	24.13 0.40 0.00	24.15 0.33 0.00	20.97 0.27 0.00	20.53 0.30 0.00	23.11 0.23 0.00	34.03 0.37 0.00	37.82 0.45 0.00	37.45 0.45 0.00	33.90 0.40 0.00	29.26 0.29 0.00	30.79 0.30 0.00
DUNKIRK___115KV_TB_200 55889	30.53 -1.37 0.00	27.81 -1.53 0.00	26.37 -1.53 0.00	25.91 -1.86 0.00	27.31 -1.84 0.00	31.30 -2.07 0.00	39.30 -3.23 0.00	40.90 -3.41 0.00	35.70 -2.44 0.00	25.72 -2.14 -0.12	24.47 -1.62 0.00	23.12 -1.37 0.00	22.23 -1.29 0.00	22.23 -1.49 0.00	22.08 -1.88 -0.15	20.23 -1.57 -1.10	20.36 -1.48 -1.61	23.07 -1.97 -2.16	32.19 -2.73 -1.26	36.04 -2.80 -1.48	35.96 -2.66 -1.62	32.24 -2.38 -1.11	28.16 -2.03 -1.21	28.59 -1.98 -0.09
DUNKIRK___1 23563	30.53 -1.37 0.00	27.81 -1.53 0.00	26.37 -1.53 0.00	25.91 -1.86 0.00	27.31 -1.84 0.00	31.30 -2.07 0.00	39.30 -3.23 0.00	40.90 -3.41 0.00	35.70 -2.44 0.00	25.72 -2.14 -0.12	24.47 -1.62 0.00	23.12 -1.37 0.00	22.23 -1.29 0.00	22.23 -1.49 0.00	22.08 -1.88 -0.15	20.23 -1.57 -1.10	20.36 -1.48 -1.61	23.07 -1.97 -2.16	32.19 -2.73 -1.26	36.04 -2.80 -1.48	35.96 -2.66 -1.62	32.24 -2.38 -1.11	28.16 -2.03 -1.21	28.59 -1.98 -0.09
DUNKIRK___2 23564	30.53 -1.37 0.00	27.81 -1.53 0.00	26.37 -1.53 0.00	25.91 -1.86 0.00	27.31 -1.84 0.00	31.30 -2.07 0.00	39.30 -3.23 0.00	40.90 -3.41 0.00	35.70 -2.44 0.00	25.72 -2.14 -0.12	24.47 -1.62 0.00	23.12 -1.37 0.00	22.23 -1.29 0.00	22.23 -1.49 0.00	22.08 -1.88 -0.15	20.23 -1.57 -1.10	20.36 -1.48 -1.61	23.07 -1.97 -2.16	32.19 -2.73 -1.26	36.04 -2.80 -1.48	35.96 -2.66 -1.62	32.24 -2.38 -1.11	28.16 -2.03 -1.21	28.59 -1.98 -0.09
DUNKIRK___3 23565	30.40 -1.50 0.00	27.73 -1.61 0.00	26.28 -1.62 0.00	25.83 -1.94 0.00	27.25 -1.89 0.00	31.23 -2.14 0.00	39.22 -3.32 0.00	40.82 -3.50 0.00	35.62 -2.52 0.00	25.66 -2.19 -0.12	24.45 -1.64 0.00	23.10 -1.40 0.00	22.21 -1.32 0.00	22.21 -1.52 0.00	22.08 -1.88 -0.15	20.23 -1.57 -1.10	20.35 -1.48 -1.61	23.05 -1.99 -2.16	32.16 -2.76 -1.26	35.97 -2.88 -1.48	35.88 -2.74 -1.62	32.20 -2.41 -1.11	28.10 -2.09 -1.21	28.53 -2.04 -0.09
DUNKIRK___4 23566	30.40 -1.50 0.00	27.73 -1.61 0.00	26.28 -1.62 0.00	25.83 -1.94 0.00	27.25 -1.89 0.00	31.23 -2.14 0.00	39.22 -3.32 0.00	40.82 -3.50 0.00	35.62 -2.52 0.00	25.66 -2.19 -0.12	24.45 -1.64 0.00	23.10 -1.40 0.00	22.21 -1.32 0.00	22.21 -1.52 0.00	22.08 -1.88 -0.15	20.23 -1.57 -1.10	20.35 -1.48 -1.61	23.05 -1.99 -2.16	32.16 -2.76 -1.26	35.97 -2.88 -1.48	35.88 -2.74 -1.62	32.20 -2.41 -1.11	28.10 -2.09 -1.21	28.53 -2.04 -0.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.01 2.11 0.00	31.25 1.91 0.00	29.77 1.87 0.00	29.60 1.83 0.00	30.98 1.84 0.00	35.50 2.14 0.00	45.64 3.10 0.00	48.13 3.81 0.00	41.42 3.28 0.00	30.84 2.39 -0.71	28.26 2.17 0.00	26.50 2.01 0.00	25.43 1.91 0.00	25.62 1.90 0.00	26.61 1.91 -0.89	29.16 1.68 -6.78	31.83 1.68 -9.93	38.08 1.92 -13.28	44.42 3.00 -7.76	49.86 3.33 -9.17	50.34 3.29 -10.04	43.34 2.95 -6.90	39.01 2.52 -7.51	33.63 2.59 -0.56
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.47 1.56 0.00	30.78 1.44 0.00	29.30 1.40 0.00	29.19 1.42 0.00	30.54 1.40 0.00	35.00 1.63 0.00	44.87 2.34 0.00	47.42 3.10 0.00	40.85 2.71 0.00	30.37 1.94 -0.69	27.79 1.70 0.00	26.04 1.54 0.00	25.01 1.48 0.00	25.19 1.47 0.00	26.18 1.50 -0.86	28.55 1.33 -6.52	31.11 1.33 -9.55	37.19 1.53 -12.77	43.52 2.39 -7.47	48.95 2.77 -8.82	49.40 2.74 -9.66	42.51 2.38 -6.63	38.23 2.03 -7.23	33.15 2.13 -0.54

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.24 2.33 -0.01	31.49 2.14 -0.01	29.95 2.04 -0.01	29.81 2.03 -0.01	31.16 2.01 -0.01	35.74 2.37 -0.01	45.99 3.45 -0.01	48.49 4.17 -0.01	45.79 3.55 -4.10	53.82 2.58 -23.51	41.56 2.35 -13.12	41.31 2.18 -14.64	41.55 2.07 -15.95	41.48 2.06 -15.69	41.28 2.10 -15.37	40.71 1.82 -18.18	40.78 1.82 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.68 3.63 -10.05	43.62 3.22 -6.90	39.22 2.72 -7.52	33.85 2.80 -0.57
E179THST_13_KV_LOAD 356214	34.37 2.46 -0.01	31.58 2.23 -0.01	30.06 2.15 -0.01	29.89 2.11 -0.01	31.28 2.13 -0.01	35.84 2.47 -0.01	46.16 3.62 -0.01	48.67 4.34 -0.01	45.94 3.70 -4.10	53.94 2.69 -23.51	41.66 2.45 -13.12	41.41 2.28 -14.64	41.64 2.16 -15.95	41.60 2.18 -15.69	41.38 2.19 -15.37	40.79 1.90 -18.18	40.86 1.90 -18.74	54.73 2.17 -29.68	51.99 3.37 -14.96	50.86 3.81 -9.68	50.87 3.81 -10.05	43.75 3.35 -6.90	39.33 2.84 -7.52	33.98 2.93 -0.57
EAST HAMPTON___GT 23717	33.88 1.98 0.00	31.42 2.08 0.00	30.44 2.54 0.00	30.35 2.58 0.00	31.71 2.57 0.00	36.80 3.44 0.00	47.30 4.76 0.00	50.21 5.89 0.00	42.73 4.42 -0.16	32.61 3.22 -1.66	29.27 2.63 -0.54	27.23 2.13 -0.60	25.76 1.58 -0.66	25.82 1.45 -0.65	26.50 1.19 -1.49	29.07 1.12 -7.25	31.75 1.23 -10.29	38.35 1.51 -13.96	44.81 3.09 -8.06	50.03 3.48 -9.18	50.42 3.37 -10.05	43.79 3.38 -6.90	39.31 2.81 -7.52	33.75 2.71 -0.56
EAST RIVER___6 23660	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.48 4.16 0.00	44.99 3.58 -3.26	49.15 2.61 -18.81	38.89 2.37 -10.42	38.30 2.18 -11.63	38.27 2.07 -12.67	38.27 2.09 -12.46	38.31 2.10 -12.39	38.38 1.84 -15.84	38.99 1.84 -16.93	51.28 2.10 -26.30	50.41 3.26 -13.49	50.53 3.59 -9.58	50.64 3.59 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.84 -0.56
EAST RIVER___7 23524	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.48 4.16 0.00	44.99 3.58 -3.26	49.15 2.61 -18.81	38.89 2.37 -10.42	38.30 2.18 -11.63	38.27 2.07 -12.67	38.27 2.09 -12.46	38.31 2.10 -12.39	38.38 1.84 -15.84	38.99 1.84 -16.93	51.28 2.10 -26.30	50.41 3.26 -13.49	50.53 3.59 -9.58	50.64 3.59 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.84 -0.56
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.88 1.98 0.00	31.16 1.82 0.00	29.66 1.76 0.00	29.52 1.75 0.00	30.89 1.75 0.00	35.40 2.04 0.00	45.51 2.98 0.00	47.99 3.68 0.00	41.40 3.13 -0.13	31.44 2.27 -1.42	28.56 2.06 -0.41	26.83 1.89 -0.46	25.83 1.81 -0.50	26.02 1.80 -0.49	26.97 1.81 -1.34	29.42 1.59 -7.13	32.01 1.60 -10.19	38.48 1.83 -13.77	44.50 2.86 -7.98	49.71 3.18 -9.17	50.18 3.15 -10.03	43.20 2.81 -6.88	38.88 2.40 -7.50	33.54 2.50 -0.56
EAST_HAMPTON___DIESEL 23722	33.85 1.95 0.00	31.39 2.05 0.00	30.41 2.51 0.00	30.32 2.55 0.00	31.71 2.57 0.00	36.84 3.47 0.00	47.34 4.80 0.00	50.21 5.89 0.00	42.73 4.42 -0.16	32.61 3.22 -1.66	29.24 2.61 -0.54	27.20 2.11 -0.60	25.71 1.53 -0.66	25.75 1.38 -0.65	26.45 1.14 -1.49	29.01 1.06 -7.25	31.69 1.17 -10.29	38.28 1.44 -13.96	44.71 2.99 -8.06	49.91 3.36 -9.18	50.31 3.26 -10.05	43.69 3.28 -6.90	39.22 2.72 -7.52	33.69 2.65 -0.56
EAST_POINT___SOLAR 323840	34.23 2.33 0.00	31.45 2.11 0.00	29.85 1.95 0.00	29.74 1.97 0.00	31.30 2.16 0.00	36.07 2.70 0.00	45.85 3.32 0.00	47.02 2.70 0.00	39.74 1.60 0.00	29.22 0.53 -0.96	26.51 0.42 0.00	24.88 0.39 0.00	24.09 0.56 0.00	24.58 0.85 0.00	25.78 0.76 -1.20	30.55 0.72 -9.12	34.29 0.71 -13.36	41.70 0.96 -17.86	46.15 2.05 -10.44	52.57 2.88 -12.33	53.50 3.00 -13.50	45.48 2.71 -9.27	41.27 2.20 -10.10	33.49 2.26 -0.75
EAST_PULASKI___ESR 323781	31.36 -0.54 0.00	28.81 -0.53 0.00	27.43 -0.47 0.00	27.30 -0.47 0.00	28.68 -0.47 0.00	32.83 -0.54 0.00	41.85 -0.68 0.00	43.61 -0.71 0.00	37.34 -0.80 0.00	27.10 -0.69 -0.05	25.49 -0.60 0.00	24.00 -0.49 0.00	23.05 -0.47 0.00	23.25 -0.47 0.00	23.40 -0.48 -0.06	20.76 -0.41 -0.47	20.49 -0.43 -0.69	23.37 -0.44 -0.92	33.62 -0.57 -0.54	37.44 -0.56 -0.64	37.15 -0.55 -0.70	33.48 -0.50 -0.48	29.03 -0.46 -0.52	30.00 -0.52 -0.04
EAST_RIVER___1 323558	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.74 2.37 0.00	45.98 3.44 0.00	48.48 4.16 0.00	44.91 3.58 -3.18	48.73 2.64 -18.35	38.65 2.40 -10.16	38.01 2.18 -11.34	37.95 2.07 -12.35	37.96 2.09 -12.15	38.02 2.10 -12.11	38.16 1.84 -15.61	38.81 1.84 -16.75	50.95 2.10 -25.97	50.26 3.26 -13.34	50.52 3.59 -9.57	50.60 3.55 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.84 -0.56
EAST_RIVER___2 323559	34.23 2.33 0.00	31.45 2.11 0.00	29.97 2.06 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.48 4.16 0.00	44.99 3.58 -3.26	49.15 2.61 -18.81	38.89 2.37 -10.42	38.30 2.18 -11.63	38.27 2.07 -12.67	38.27 2.09 -12.46	38.31 2.10 -12.39	38.38 1.84 -15.84	38.99 1.84 -16.93	51.28 2.10 -26.30	50.41 3.26 -13.49	50.53 3.59 -9.58	50.64 3.59 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.84 -0.56
EAST___DELAWARE_HYD 23607	33.75 1.85 0.00	31.16 1.82 0.00	29.58 1.67 0.00	29.47 1.69 0.00	30.86 1.72 0.00	35.40 2.04 0.00	45.34 2.81 0.00	47.33 3.02 0.00	40.89 2.75 0.00	30.22 1.86 -0.62	27.66 1.57 0.00	25.91 1.42 0.00	24.84 1.32 0.00	24.98 1.26 0.00	25.88 1.29 -0.78	27.77 1.16 -5.91	30.05 1.17 -8.66	35.83 1.37 -11.58	42.58 2.16 -6.77	47.95 2.58 -8.00	48.36 2.59 -8.77	41.70 2.18 -6.02	37.39 1.86 -6.56	32.92 1.95 -0.49
EIGHT_POINT___WT_PWR 323820	31.01 -0.89 0.00	28.26 -1.08 0.00	26.70 -1.20 0.00	26.30 -1.47 0.00	27.57 -1.57 0.00	31.56 -1.80 0.00	39.86 -2.68 0.00	41.21 -3.10 0.00	35.47 -2.67 0.00	25.71 -2.16 -0.14	24.16 -1.93 0.00	22.75 -1.74 0.00	21.85 -1.67 0.00	21.80 -1.92 0.00	21.80 -2.19 -0.17	20.13 -1.88 -1.31	20.34 -1.80 -1.92	23.30 -2.15 -2.57	32.37 -2.79 -1.50	36.37 -2.76 -1.77	36.21 -2.74 -1.94	32.25 -2.58 -1.33	28.08 -2.35 -1.45	28.43 -2.16 -0.11
ELBRIDGE_115KV_TB2 80188	31.49 -0.41 0.00	28.90 -0.44 0.00	27.48 -0.42 0.00	27.33 -0.44 0.00	28.71 -0.44 0.00	32.90 -0.47 0.00	41.98 -0.55 0.00	43.74 -0.58 0.00	37.64 -0.50 0.00	27.42 -0.39 -0.07	25.78 -0.31 0.00	24.25 -0.24 0.00	23.29 -0.24 0.00	23.46 -0.26 0.00	23.62 -0.29 -0.09	21.14 -0.25 -0.69	20.98 -0.24 -1.00	23.95 -0.27 -1.34	34.04 -0.40 -0.78	37.88 -0.41 -0.93	37.61 -0.41 -1.02	33.80 -0.40 -0.70	29.39 -0.35 -0.76	30.14 -0.40 -0.06
ELEC_TRO_TEK 24086	34.10 2.20 0.00	31.34 2.00 0.00	29.91 2.01 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.57 2.20 0.00	45.81 3.28 0.00	48.35 4.03 0.00	42.29 3.81 -0.34	33.16 2.77 -2.65	29.73 2.53 -1.11	28.08 2.35 -1.24	27.11 2.23 -1.35	27.26 2.21 -1.33	28.17 2.24 -2.12	30.37 1.93 -7.75	32.80 1.90 -10.67	39.73 2.17 -14.67	45.33 3.30 -8.37	50.12 3.55 -9.20	50.53 3.48 -10.05	43.73 3.32 -6.91	39.34 2.84 -7.53	33.85 2.80 -0.56

ELLENBURG_WT_PWR 323604	31.74 -0.16 0.00	29.40 0.06 0.00	27.90 0.00 0.00	27.83 0.06 0.00	29.26 0.12 0.00	33.50 0.13 0.00	42.53 0.00 0.00	44.14 -0.18 0.00	37.91 -0.23 0.00	27.55 -0.19 0.00	25.96 -0.13 0.00	24.30 -0.20 0.00	23.33 -0.19 0.00	23.49 -0.24 0.00	23.46 -0.36 0.00	20.27 -0.44 0.00	19.70 -0.53 0.00	22.26 -0.62 0.00	32.58 -1.08 0.00	36.06 -1.31 0.00	35.67 -1.33 0.00	32.19 -1.31 0.00	27.81 -1.16 0.00	29.29 -1.19 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.80 -2.11 0.00	27.20 -2.14 0.00	25.84 -2.06 0.00	25.38 -2.39 0.00	26.84 -2.30 0.00	30.73 -2.64 0.00	38.54 -4.00 0.00	40.02 -4.30 0.00	34.97 -3.17 0.00	25.43 -2.41 -0.11	24.14 -1.96 0.00	22.93 -1.57 0.00	22.04 -1.48 0.00	22.09 -1.64 0.00	22.09 -1.86 -0.13	20.15 -1.57 -1.02	20.19 -1.52 -1.49	22.73 -2.15 -2.00	31.83 -3.00 -1.17	35.50 -3.25 -1.38	35.41 -3.11 -1.51	31.86 -2.68 -1.04	27.85 -2.26 -1.13	28.22 -2.35 -0.08
EMPIRE_CC_1 323656	33.12 1.21 0.00	30.43 1.09 0.00	28.96 1.06 0.00	28.85 1.08 0.00	30.28 1.14 0.00	34.63 1.27 0.00	44.32 1.79 0.00	46.44 2.13 0.00	39.90 1.76 0.00	29.86 1.30 -0.82	27.24 1.15 0.00	25.55 1.05 0.00	24.53 1.01 0.00	24.79 1.07 0.00	25.91 1.07 -1.02	29.40 0.93 -7.76	32.48 0.89 -11.37	39.09 1.01 -15.20	44.16 1.62 -8.89	49.65 1.79 -10.49	50.28 1.78 -11.50	43.00 1.61 -7.89	38.96 1.39 -8.60	32.58 1.46 -0.64
EMPIRE_CC_2 323658	33.12 1.21 0.00	30.43 1.09 0.00	28.96 1.06 0.00	28.85 1.08 0.00	30.28 1.14 0.00	34.63 1.27 0.00	44.32 1.79 0.00	46.44 2.13 0.00	39.90 1.76 0.00	29.86 1.30 -0.82	27.24 1.15 0.00	25.55 1.05 0.00	24.53 1.01 0.00	24.79 1.07 0.00	25.91 1.07 -1.02	29.40 0.93 -7.76	32.48 0.89 -11.37	39.09 1.01 -15.20	44.16 1.62 -8.89	49.65 1.79 -10.49	50.28 1.78 -11.50	43.00 1.61 -7.89	38.96 1.39 -8.60	32.58 1.46 -0.64
ENORWICH_115KV_TB1 80156	33.82 1.91 0.00	31.04 1.70 0.00	29.41 1.51 0.00	29.30 1.53 0.00	30.78 1.63 0.00	35.40 2.04 0.00	45.34 2.81 0.00	47.02 2.70 0.00	40.09 1.95 0.00	28.64 0.69 -0.21	26.69 0.60 0.00	25.13 0.64 0.00	24.06 0.54 0.00	24.32 0.59 0.00	24.69 0.62 -0.26	23.26 0.58 -1.97	23.78 0.67 -2.89	27.59 0.85 -3.86	37.60 1.68 -2.26	42.05 2.02 -2.67	41.85 1.92 -2.92	37.15 1.64 -2.01	32.40 1.25 -2.18	31.92 1.28 -0.16
ERIE_ST_34_KV_TB1-2 80199	30.02 -1.88 0.00	27.40 -1.94 0.00	26.00 -1.90 0.00	25.55 -2.22 0.00	27.02 -2.13 0.00	30.96 -2.40 0.00	38.92 -3.62 0.00	40.55 -3.77 0.00	35.39 -2.75 0.00	25.35 -2.50 -0.11	24.34 -1.75 0.00	23.07 -1.42 0.00	22.18 -1.34 0.00	22.21 -1.52 0.00	21.91 -2.05 -0.14	20.03 -1.74 -1.06	20.12 -1.66 -1.56	22.73 -2.24 -2.09	31.72 -3.16 -1.22	35.40 -3.40 -1.44	35.32 -3.26 -1.57	31.73 -2.85 -1.08	27.72 -2.43 -1.18	28.10 -2.47 -0.09
ERIE_WT_PWR 323693	29.96 -1.95 0.00	27.34 -2.00 0.00	25.89 -2.01 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.93 -2.43 0.00	38.71 -3.83 0.00	40.24 -4.08 0.00	35.20 -2.94 0.00	25.55 -2.30 -0.11	24.21 -1.88 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.13 -1.59 0.00	22.07 -1.88 -0.14	20.18 -1.57 -1.05	20.24 -1.52 -1.53	22.82 -2.13 -2.07	31.87 -3.00 -1.21	35.57 -3.21 -1.42	35.48 -3.07 -1.55	31.88 -2.68 -1.06	27.81 -2.32 -1.16	28.22 -2.35 -0.09
ESPRGFLD_115KV_TB1 80157	33.40 1.50 0.00	30.66 1.32 0.00	29.13 1.23 0.00	29.02 1.25 0.00	30.48 1.34 0.00	35.07 1.70 0.00	44.75 2.21 0.00	46.31 1.99 0.00	39.63 1.49 0.00	28.42 0.67 -0.02	26.69 0.60 0.00	25.08 0.59 0.00	24.11 0.59 0.00	24.41 0.69 0.00	24.50 0.67 -0.02	21.49 0.62 -0.17	21.08 0.61 -0.25	23.98 0.78 -0.33	35.33 1.48 -0.19	39.42 1.83 -0.23	39.14 1.89 -0.25	35.45 1.78 -0.17	30.58 1.42 -0.18	31.93 1.43 -0.01
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.25 0.35 0.00	29.60 0.26 0.00	28.12 0.22 0.00	27.97 0.19 0.00	29.38 0.23 0.00	33.70 0.33 0.00	43.09 0.55 0.00	44.80 0.49 0.00	38.45 0.31 0.00	27.94 0.06 -0.15	26.17 0.08 0.00	24.62 0.12 0.00	23.64 0.12 0.00	23.79 0.07 0.00	24.03 0.02 -0.19	22.16 0.04 -1.42	22.38 0.08 -2.07	25.77 0.11 -2.77	35.62 0.34 -1.62	39.77 0.49 -1.91	39.55 0.44 -2.10	35.28 0.34 -1.44	30.77 0.23 -1.57	30.84 0.24 -0.12
ETNA____115KV_TB2 80207	32.25 0.35 0.00	29.60 0.26 0.00	28.12 0.22 0.00	27.97 0.19 0.00	29.38 0.23 0.00	33.70 0.33 0.00	43.09 0.55 0.00	44.80 0.49 0.00	38.45 0.31 0.00	27.94 0.06 -0.15	26.17 0.08 0.00	24.62 0.12 0.00	23.64 0.12 0.00	23.79 0.07 0.00	24.03 0.02 -0.19	22.16 0.04 -1.42	22.38 0.08 -2.07	25.77 0.11 -2.77	35.62 0.34 -1.62	39.77 0.49 -1.91	39.55 0.44 -2.10	35.28 0.34 -1.44	30.77 0.23 -1.57	30.84 0.24 -0.12
EUCLID____115KV_TB2 356179	31.33 -0.57 0.00	28.75 -0.59 0.00	27.37 -0.53 0.00	27.19 -0.58 0.00	28.56 -0.58 0.00	32.73 -0.63 0.00	41.77 -0.77 0.00	43.52 -0.80 0.00	37.45 -0.69 0.00	27.32 -0.47 -0.06	25.70 -0.39 0.00	24.15 -0.34 0.00	23.22 -0.31 0.00	23.39 -0.33 0.00	23.53 -0.36 -0.07	20.95 -0.29 -0.54	20.73 -0.28 -0.79	23.62 -0.32 -1.06	33.77 -0.50 -0.62	37.54 -0.56 -0.73	37.25 -0.56 -0.80	33.55 -0.50 -0.55	29.11 -0.46 -0.60	30.04 -0.49 -0.04
E_CANADA_CAP_HY 24051	33.78 1.88 0.00	31.04 1.70 0.00	29.46 1.56 0.00	29.35 1.58 0.00	30.86 1.72 0.00	35.57 2.20 0.00	45.17 2.64 0.00	46.66 2.35 0.00	39.70 1.56 0.00	29.40 0.66 -1.00	26.69 0.60 0.00	25.01 0.52 0.00	24.09 0.56 0.00	24.46 0.74 0.00	25.76 0.69 -1.25	30.86 0.66 -9.49	34.75 0.63 -13.90	42.33 0.87 -18.58	46.27 1.75 -10.86	52.43 2.24 -12.82	53.38 2.33 -14.05	45.42 2.28 -9.64	41.34 1.86 -10.51	33.12 1.86 -0.78
E_CANADA_MHWK_HY 24050	33.15 1.24 0.00	30.45 1.11 0.00	29.02 1.12 0.00	28.91 1.14 0.00	30.28 1.14 0.00	34.63 1.27 0.00	43.98 1.45 0.00	45.56 1.24 0.00	38.98 0.84 0.00	28.21 0.47 0.00	26.59 0.49 0.00	25.01 0.52 0.00	23.95 0.42 0.00	24.13 0.40 0.00	24.15 0.33 0.00	20.97 0.27 0.00	20.53 0.30 0.00	23.11 0.23 0.00	34.03 0.37 0.00	37.82 0.45 0.00	37.45 0.45 0.00	33.90 0.40 0.00	29.26 0.29 0.00	30.79 0.30 0.00
E_FISHKILL____LBMP 23776	33.56 1.66 0.00	30.87 1.53 0.00	29.38 1.48 0.00	29.24 1.47 0.00	30.63 1.49 0.00	35.07 1.70 0.00	45.04 2.51 0.00	47.46 3.15 0.00	40.81 2.67 0.00	30.40 1.94 -0.72	27.87 1.77 0.00	26.11 1.62 0.00	25.05 1.53 0.00	25.27 1.54 0.00	26.29 1.57 -0.91	28.93 1.37 -6.86	31.63 1.35 -10.05	37.88 1.56 -13.44	43.94 2.42 -7.86	49.38 2.73 -9.28	49.87 2.70 -10.17	42.89 2.41 -6.98	38.64 2.06 -7.60	33.18 2.13 -0.57
FALCON____SEABRD_CC1 323796	32.10 0.19 0.00	29.75 0.41 0.00	28.21 0.31 0.00	28.16 0.39 0.00	29.61 0.46 0.00	33.87 0.50 0.00	43.05 0.51 0.00	44.63 0.31 0.00	38.33 0.19 0.00	27.85 0.11 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.09 0.00	20.50 -0.21 0.00	19.92 -0.30 0.00	22.49 -0.39 0.00	32.92 -0.74 0.00	36.43 -0.93 0.00	36.04 -0.96 0.00	32.53 -0.97 0.00	28.11 -0.87 0.00	29.60 -0.88 0.00

FALCON___SEABRD_CC2 323797	32.10 0.19 0.00	29.75 0.41 0.00	28.21 0.31 0.00	28.16 0.39 0.00	29.61 0.46 0.00	33.87 0.50 0.00	43.05 0.51 0.00	44.63 0.31 0.00	38.33 0.19 0.00	27.85 0.11 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.09 0.00	20.50 -0.21 0.00	19.92 -0.30 0.00	22.49 -0.39 0.00	32.92 -0.74 0.00	36.43 -0.93 0.00	36.04 -0.96 0.00	32.53 -0.97 0.00	28.11 -0.87 0.00	29.60 -0.88 0.00
FAR ROCKAWAY___4 23548	34.55 2.65 0.00	31.75 2.41 0.00	30.30 2.40 0.00	30.13 2.36 0.00	31.45 2.30 0.00	36.00 2.64 0.00	46.36 3.83 0.00	48.93 4.61 0.00	42.80 4.35 -0.31	33.38 3.16 -2.48	30.00 2.90 -1.01	28.29 2.67 -1.13	27.30 2.54 -1.23	27.47 2.54 -1.21	28.38 2.55 -2.01	30.60 2.24 -7.66	33.06 2.22 -10.61	39.97 2.54 -14.55	45.81 3.84 -8.32	50.75 4.18 -9.20	51.16 4.11 -10.05	44.26 3.85 -6.91	39.83 3.33 -7.52	34.30 3.26 -0.56
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.26 2.36 0.00	31.48 2.14 0.00	29.99 2.09 0.00	29.83 2.06 0.00	31.18 2.04 0.00	35.74 2.37 0.00	46.02 3.49 0.00	48.53 4.21 0.00	45.14 3.62 -3.38	49.80 2.64 -19.42	39.27 2.40 -10.77	38.72 2.20 -12.02	38.72 2.09 -13.10	38.72 2.11 -12.88	38.72 2.12 -12.78	38.71 1.86 -16.14	39.25 1.86 -17.16	51.75 2.13 -26.74	50.60 3.26 -13.68	50.58 3.62 -9.59	50.64 3.59 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.83 -0.56
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.26 2.36 0.00	31.48 2.14 0.00	29.99 2.09 0.00	29.83 2.06 0.00	31.18 2.04 0.00	35.74 2.37 0.00	46.02 3.49 0.00	48.48 4.17 0.00	45.14 3.62 -3.38	49.80 2.64 -19.42	39.27 2.40 -10.77	38.72 2.20 -12.02	38.72 2.09 -13.10	38.72 2.11 -12.88	38.72 2.12 -12.78	38.69 1.84 -16.14	39.23 1.84 -17.16	51.75 2.13 -26.74	50.60 3.26 -13.68	50.58 3.62 -9.59	50.64 3.59 -10.04	43.61 3.22 -6.90	39.24 2.75 -7.51	33.88 2.83 -0.56
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.23 2.33 0.00	31.48 2.14 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.74 2.37 0.00	45.98 3.45 0.00	48.48 4.17 0.00	45.10 3.59 -3.38	49.77 2.61 -19.42	39.24 2.37 -10.77	38.72 2.20 -12.02	38.72 2.09 -13.10	38.69 2.09 -12.88	38.69 2.10 -12.78	38.69 1.84 -16.14	39.23 1.84 -17.16	51.72 2.10 -26.74	50.57 3.23 -13.68	50.54 3.59 -9.59	50.60 3.55 -10.04	43.61 3.22 -6.90	39.21 2.72 -7.51	33.88 2.83 -0.56
FARRAGUT___LBMP 323566	34.23 2.33 0.00	31.45 2.11 0.00	29.94 2.04 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.70 2.34 0.00	45.98 3.45 0.00	48.44 4.12 0.00	45.06 3.55 -3.38	49.77 2.61 -19.42	39.21 2.35 -10.77	38.69 2.18 -12.02	38.69 2.07 -13.10	38.69 2.09 -12.88	38.69 2.10 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.57 3.23 -13.68	50.51 3.55 -9.59	50.60 3.55 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.85 2.80 -0.56
FENNER___WINDPWR 24204	32.35 0.45 0.00	29.72 0.38 0.00	28.26 0.36 0.00	28.13 0.36 0.00	29.55 0.41 0.00	33.90 0.53 0.00	43.30 0.77 0.00	45.07 0.75 0.00	38.67 0.53 0.00	27.99 0.17 -0.08	26.28 0.18 0.00	24.69 0.20 0.00	23.71 0.19 0.00	23.94 0.21 0.00	24.13 0.21 -0.10	21.66 0.19 -0.77	21.55 0.20 -1.13	24.66 0.28 -1.51	35.04 0.51 -0.88	39.04 0.63 -1.04	38.73 0.59 -1.14	34.79 0.50 -0.78	30.20 0.38 -0.85	30.91 0.37 -0.06
FIBERTEK___ENERGY 23856	31.65 -0.26 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.07 -0.30 0.00	42.24 -0.30 0.00	44.01 -0.31 0.00	37.87 -0.27 0.00	27.58 -0.22 -0.07	25.96 -0.13 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.14 -0.09	21.25 -0.10 -0.65	21.07 -0.10 -0.95	24.03 -0.11 -1.27	34.20 -0.20 -0.74	38.05 -0.19 -0.87	37.78 -0.19 -0.96	33.96 -0.20 -0.66	29.49 -0.20 -0.72	30.32 -0.21 -0.05
FITZPATRICK____ 23598	30.91 -0.99 0.00	28.40 -0.94 0.00	27.01 -0.89 0.00	26.88 -0.89 0.00	28.21 -0.93 0.00	32.33 -1.03 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.92 -0.86 -0.04	25.33 -0.76 0.00	23.83 -0.66 0.00	22.89 -0.63 0.00	23.06 -0.66 0.00	23.20 -0.67 -0.05	20.50 -0.58 -0.38	20.21 -0.57 -0.56	22.98 -0.64 -0.74	33.12 -0.98 -0.44	36.80 -1.08 -0.51	36.49 -1.07 -0.56	32.91 -0.97 -0.39	28.55 -0.84 -0.42	29.60 -0.91 -0.03
FLOWRFLD_69_KV_BK1 356044	34.26 2.36 0.00	31.54 2.20 0.00	30.19 2.29 0.00	30.08 2.31 0.00	31.33 2.19 0.00	35.77 2.40 0.00	46.36 3.83 0.00	48.97 4.65 0.00	42.23 3.93 -0.16	32.34 2.94 -1.67	29.22 2.58 -0.54	27.50 2.40 -0.61	26.35 2.16 -0.66	26.56 2.18 -0.65	27.43 2.12 -1.50	29.84 1.88 -7.25	32.46 1.94 -10.30	39.11 2.27 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.36 3.95 -6.90	39.86 3.36 -7.52	34.12 3.08 -0.56
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.75 1.85 0.00	31.07 1.73 0.00	29.55 1.65 0.00	29.44 1.67 0.00	30.83 1.69 0.00	35.33 1.97 0.00	45.30 2.76 0.00	47.73 3.41 0.00	41.15 3.01 0.00	30.59 2.14 -0.71	27.97 1.88 0.00	26.21 1.71 0.00	25.17 1.65 0.00	25.36 1.64 0.00	26.40 1.69 -0.89	28.96 1.49 -6.76	31.60 1.48 -9.90	37.82 1.69 -13.25	44.06 2.66 -7.74	49.58 3.06 -9.15	50.06 3.03 -10.02	42.99 2.61 -6.88	38.70 2.23 -7.49	33.39 2.35 -0.56
FORT ORANGE____ 23900	32.80 0.89 0.00	30.19 0.85 0.00	28.71 0.81 0.00	28.60 0.83 0.00	30.02 0.87 0.00	34.33 0.97 0.00	43.85 1.32 0.00	45.82 1.51 0.00	39.44 1.30 0.00	29.50 0.91 -0.84	26.87 0.78 0.00	25.23 0.73 0.00	24.21 0.68 0.00	24.46 0.74 0.00	25.61 0.74 -1.06	29.37 0.64 -8.02	32.60 0.63 -11.75	39.28 0.69 -15.71	43.92 1.08 -9.19	49.43 1.27 -10.79	50.09 1.26 -11.82	42.72 1.10 -8.12	38.80 0.99 -8.84	32.21 1.07 -0.66
FORT_DRUM_COGEN 23780	31.93 0.03 0.00	29.34 0.00 0.00	27.87 -0.03 0.00	27.83 0.06 0.00	29.23 0.09 0.00	33.57 0.20 0.00	42.87 0.34 0.00	44.54 0.22 0.00	37.68 -0.46 0.00	26.97 -0.80 -0.03	25.31 -0.78 0.00	23.81 -0.69 0.00	22.84 -0.68 0.00	23.11 -0.62 0.00	23.29 -0.57 -0.04	20.54 -0.50 -0.33	20.24 -0.47 -0.48	23.14 -0.39 -0.65	33.77 -0.27 -0.38	37.70 -0.11 -0.45	37.38 -0.11 -0.49	33.67 -0.17 -0.34	29.08 -0.26 -0.37	30.11 -0.40 -0.03
FOX_HILLS___ESR 323835	47.13 2.39 -12.84	45.77 2.38 -14.05	35.77 2.15 -5.72	29.96 2.17 -0.02	31.45 2.30 -0.01	36.02 2.64 -0.02	46.51 3.53 -0.44	48.62 4.30 -0.01	50.44 3.66 -8.63	53.94 2.69 -23.51	54.37 2.40 -25.88	54.92 2.23 -28.20	54.92 2.12 -29.28	56.01 2.14 -30.15	55.48 2.14 -29.52	55.50 1.88 -32.91	57.26 1.88 -35.16	54.71 2.15 -29.68	54.23 3.37 -17.21	50.79 3.74 -9.68	50.79 3.74 -10.05	50.40 3.28 -13.62	47.41 2.78 -15.66	47.45 2.93 -14.04
FPL FAR_ROCK_GT1 24212	34.55 2.65 0.00	31.77 2.43 0.00	30.33 2.43 0.00	30.13 2.36 0.00	31.45 2.30 0.00	36.20 2.83 0.00	46.28 3.74 0.00	48.93 4.61 0.00	42.80 4.35 -0.31	33.38 3.16 -2.48	30.00 2.90 -1.01	28.29 2.67 -1.13	27.30 2.54 -1.23	27.48 2.54 -1.21	28.38 2.55 -2.01	30.60 2.24 -7.66	33.05 2.22 -10.61	39.97 2.54 -14.55	45.81 3.84 -8.31	50.75 4.18 -9.20	51.16 4.11 -10.05	44.26 3.85 -6.91	39.83 3.33 -7.52	34.39 3.35 -0.56

FPL FAR_ROCK_GT2 23815	34.55 2.65 0.00	31.77 2.43 0.00	30.33 2.43 0.00	30.13 2.36 0.00	31.45 2.30 0.00	36.20 2.83 0.00	46.28 3.74 0.00	48.93 4.61 0.00	42.80 4.35 -0.31	33.38 3.16 -2.48	30.00 2.90 -1.01	28.29 2.67 -1.13	27.30 2.54 -1.23	27.48 2.54 -1.21	28.38 2.55 -2.01	30.60 2.24 -7.66	33.05 2.22 -10.61	39.97 2.54 -14.55	45.81 3.84 -8.31	50.75 4.18 -9.20	51.16 4.11 -10.05	44.26 3.85 -6.91	39.83 3.33 -7.52	34.39 3.35 -0.56
FRANKLIN_FALL_HYD 24054	31.87 -0.03 0.00	29.52 0.18 0.00	27.98 0.08 0.00	27.91 0.14 0.00	29.35 0.20 0.00	33.57 0.20 0.00	42.66 0.13 0.00	44.18 -0.13 0.00	37.95 -0.19 0.00	27.52 -0.22 0.00	25.96 -0.13 0.00	24.27 -0.22 0.00	23.34 -0.19 0.00	23.49 -0.24 0.00	23.48 -0.33 0.00	20.33 -0.37 0.00	19.78 -0.44 0.00	22.38 -0.50 0.00	32.75 -0.91 0.00	36.28 -1.08 0.00	35.89 -1.11 0.00	32.39 -1.11 0.00	28.02 -0.96 0.00	29.48 -1.01 0.00
FREEPORT_EQUS_GT1 23764	34.23 2.33 0.00	31.48 2.14 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.18 2.04 0.00	35.90 2.53 0.00	45.89 3.36 0.00	48.53 4.21 0.00	42.30 3.93 -0.23	32.67 2.88 -2.04	29.49 2.63 -0.76	27.77 2.43 -0.85	26.76 2.31 -0.93	26.91 2.28 -0.91	27.84 2.29 -1.73	30.15 2.01 -7.44	32.67 2.00 -10.44	39.38 2.27 -14.23	45.30 3.47 -8.18	50.29 3.74 -9.19	50.71 3.66 -10.05	43.92 3.52 -6.91	39.54 3.04 -7.52	34.09 3.05 -0.56
FREEPORT___CT2 23818	34.23 2.33 0.00	31.48 2.14 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.18 2.04 0.00	35.90 2.53 0.00	45.89 3.36 0.00	48.53 4.21 0.00	42.30 3.93 -0.23	32.67 2.88 -2.04	29.49 2.63 -0.76	27.77 2.43 -0.85	26.76 2.31 -0.93	26.91 2.28 -0.91	27.84 2.29 -1.73	30.15 2.01 -7.44	32.67 2.00 -10.44	39.38 2.27 -14.23	45.30 3.47 -8.18	50.29 3.74 -9.19	50.71 3.66 -10.05	43.92 3.52 -6.91	39.54 3.04 -7.52	34.09 3.05 -0.56
FRESHKLS_33_KV_LOAD 356253	46.00 2.27 -11.83	45.74 2.35 -14.05	35.66 2.04 -5.72	29.87 2.08 -0.02	31.43 2.27 -0.01	35.99 2.60 -0.02	46.35 3.40 -0.41	48.45 4.12 -0.01	46.90 3.51 -5.26	49.75 2.58 -19.43	46.27 2.30 -17.88	46.29 2.13 -19.67	46.29 2.02 -20.74	46.88 2.04 -21.11	46.88 2.05 -21.01	46.89 1.80 -24.39	48.69 1.80 -26.67	51.69 2.08 -26.73	50.60 3.26 -13.67	50.57 3.62 -9.58	50.63 3.59 -10.04	49.77 3.18 -13.09	46.68 2.69 -15.01	46.28 2.80 -12.99
FULTON COGEN____ 23766	31.23 -0.67 0.00	28.69 -0.65 0.00	27.29 -0.61 0.00	27.13 -0.64 0.00	28.50 -0.64 0.00	32.63 -0.73 0.00	41.68 -0.85 0.00	43.43 -0.89 0.00	37.34 -0.80 0.00	27.21 -0.58 -0.05	25.62 -0.47 0.00	24.08 -0.42 0.00	23.12 -0.40 0.00	23.32 -0.40 0.00	23.45 -0.43 -0.07	20.86 -0.35 -0.51	20.60 -0.36 -0.74	23.48 -0.39 -0.99	33.63 -0.61 -0.58	37.42 -0.64 -0.69	37.09 -0.67 -0.75	33.41 -0.60 -0.52	28.99 -0.55 -0.56	29.94 -0.58 -0.04
FULTON___LFGE 323630	34.01 2.11 0.00	31.22 1.88 0.00	29.63 1.73 0.00	29.52 1.75 0.00	31.07 1.92 0.00	35.77 2.40 0.00	45.51 2.98 0.00	47.11 2.79 0.00	40.12 1.98 0.00	29.74 1.05 -0.95	27.00 0.91 0.00	25.25 0.76 0.00	24.32 0.80 0.00	24.70 0.97 0.00	25.93 0.93 -1.19	30.64 0.89 -9.04	34.36 0.89 -13.24	41.72 1.14 -17.70	46.13 2.12 -10.35	52.20 2.61 -12.22	53.09 2.70 -13.38	45.13 2.44 -9.19	40.98 2.00 -10.01	33.27 2.04 -0.74
G.F.CEMENT___DRP 24184	33.82 1.91 0.00	31.04 1.70 0.00	29.49 1.59 0.00	29.38 1.61 0.00	31.10 1.95 0.00	35.77 2.40 0.00	45.68 3.15 0.00	47.60 3.28 0.00	40.73 2.59 0.00	30.33 1.72 -0.87	27.58 1.49 0.00	25.67 1.18 0.00	24.70 1.18 0.00	25.03 1.30 0.00	26.24 1.33 -1.09	30.24 1.26 -8.27	33.61 1.27 -12.11	40.40 1.33 -16.19	45.31 2.19 -9.47	51.05 2.50 -11.18	51.80 2.55 -12.25	44.05 2.14 -8.41	39.96 1.83 -9.16	33.02 1.86 -0.68
GARDENVILLE___LBMP 24039	29.89 -2.01 0.00	27.29 -2.05 0.00	25.89 -2.01 0.00	25.44 -2.33 0.00	26.90 -2.24 0.00	30.80 -2.57 0.00	38.62 -3.91 0.00	40.11 -4.21 0.00	35.09 -3.05 0.00	25.44 -2.41 -0.11	24.19 -1.90 0.00	22.95 -1.54 0.00	22.07 -1.46 0.00	22.09 -1.64 0.00	22.05 -1.91 -0.14	20.14 -1.61 -1.05	20.20 -1.56 -1.54	22.77 -2.17 -2.06	31.83 -3.03 -1.21	35.52 -3.25 -1.41	35.44 -3.11 -1.54	31.88 -2.68 -1.06	27.84 -2.29 -1.15	28.22 -2.35 -0.09
GARDNVLA_35_KV_LD 355827	29.99 -1.91 0.00	27.37 -1.97 0.00	25.98 -1.93 0.00	25.52 -2.25 0.00	26.99 -2.16 0.00	30.90 -2.47 0.00	38.75 -3.79 0.00	40.28 -4.03 0.00	35.24 -2.90 0.00	25.52 -2.33 -0.11	24.29 -1.80 0.00	23.05 -1.45 0.00	22.16 -1.36 0.00	22.21 -1.52 0.00	22.14 -1.81 -0.14	20.22 -1.53 -1.05	20.28 -1.48 -1.53	22.86 -2.08 -2.07	31.94 -2.93 -1.21	35.64 -3.14 -1.42	35.56 -3.00 -1.55	31.99 -2.58 -1.07	27.96 -2.17 -1.16	28.31 -2.26 -0.09
GELCKHM___115KV_LOAD 80723	31.42 -0.48 0.00	28.87 -0.47 0.00	27.45 -0.45 0.00	27.30 -0.47 0.00	28.68 -0.47 0.00	32.87 -0.50 0.00	41.94 -0.60 0.00	43.70 -0.62 0.00	37.61 -0.53 0.00	27.41 -0.39 -0.06	25.78 -0.31 0.00	24.25 -0.24 0.00	23.29 -0.24 0.00	23.46 -0.26 0.00	23.63 -0.26 -0.08	21.05 -0.23 -0.58	20.85 -0.22 -0.85	23.76 -0.25 -1.13	33.92 -0.40 -0.66	37.74 -0.41 -0.78	37.42 -0.44 -0.86	33.69 -0.40 -0.59	29.24 -0.38 -0.64	30.13 -0.40 -0.05
GENERAL___MILLS 23808	29.93 -1.98 0.00	27.32 -2.02 0.00	25.95 -1.95 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.86 -2.50 0.00	38.71 -3.83 0.00	40.20 -4.12 0.00	35.17 -2.97 0.00	25.46 -2.39 -0.11	24.24 -1.85 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.16 -1.57 0.00	22.10 -1.86 -0.14	20.18 -1.57 -1.05	20.24 -1.52 -1.53	22.82 -2.13 -2.07	31.87 -3.00 -1.21	35.57 -3.21 -1.42	35.48 -3.07 -1.55	31.92 -2.65 -1.06	27.90 -2.23 -1.16	28.25 -2.32 -0.09
GE_PLASTICS___DRP 24183	32.70 0.80 0.00	30.07 0.73 0.00	28.60 0.70 0.00	28.49 0.72 0.00	29.90 0.76 0.00	34.23 0.87 0.00	43.68 1.15 0.00	45.69 1.37 0.00	39.32 1.18 0.00	29.49 0.92 -0.84	26.87 0.78 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.61 0.74 -1.05	29.33 0.64 -7.98	32.54 0.63 -11.69	39.22 0.71 -15.63	43.91 1.11 -9.14	49.32 1.16 -10.80	49.98 1.15 -11.83	42.66 1.04 -8.12	38.75 0.93 -8.84	32.15 1.01 -0.66
GILBOA___1 23756	32.70 0.80 0.00	30.04 0.70 0.00	28.60 0.70 0.00	28.47 0.69 0.00	29.87 0.73 0.00	34.20 0.83 0.00	43.72 1.19 0.00	45.64 1.33 0.00	39.36 1.22 0.00	29.32 0.91 -0.66	26.90 0.81 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.39 0.74 -0.83	27.65 0.64 -6.30	30.08 0.63 -9.23	35.91 0.69 -12.34	41.95 1.08 -7.22	47.05 1.16 -8.52	47.49 1.15 -9.33	41.01 1.10 -6.41	36.91 0.95 -6.98	32.01 1.00 -0.52
GILBOA___2 23757	32.70 0.80 0.00	30.04 0.70 0.00	28.60 0.70 0.00	28.47 0.69 0.00	29.87 0.73 0.00	34.20 0.83 0.00	43.72 1.19 0.00	45.64 1.33 0.00	39.36 1.22 0.00	29.32 0.91 -0.66	26.90 0.81 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.39 0.74 -0.83	27.65 0.64 -6.30	30.08 0.63 -9.23	35.91 0.69 -12.34	41.95 1.08 -7.22	47.05 1.16 -8.52	47.49 1.15 -9.33	41.01 1.10 -6.41	36.91 0.95 -6.98	32.01 1.00 -0.52

GILBOA___3 23758	32.70 0.80 0.00	30.04 0.70 0.00	28.60 0.70 0.00	28.47 0.69 0.00	29.87 0.73 0.00	34.20 0.83 0.00	43.72 1.19 0.00	45.64 1.33 0.00	39.36 1.22 0.00	29.32 0.91 -0.66	26.90 0.81 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.39 0.74 -0.83	27.65 0.64 -6.30	30.08 0.63 -9.23	35.91 0.69 -12.34	41.95 1.08 -7.22	47.05 1.16 -8.52	47.49 1.15 -9.33	41.01 1.10 -6.41	36.91 0.95 -6.98	32.01 1.00 -0.52
GILBOA___4 23759	32.70 0.80 0.00	30.04 0.70 0.00	28.60 0.70 0.00	28.47 0.69 0.00	29.87 0.73 0.00	34.20 0.83 0.00	43.72 1.19 0.00	45.64 1.33 0.00	39.36 1.22 0.00	29.32 0.91 -0.66	26.90 0.81 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.39 0.74 -0.83	27.65 0.64 -6.30	30.08 0.63 -9.23	35.91 0.69 -12.34	41.95 1.08 -7.22	47.05 1.16 -8.52	47.49 1.15 -9.33	41.01 1.10 -6.41	36.91 0.95 -6.98	32.01 1.00 -0.52
GILBOA___ 23599	32.70 0.80 0.00	30.04 0.70 0.00	28.60 0.70 0.00	28.47 0.69 0.00	29.87 0.73 0.00	34.20 0.83 0.00	43.72 1.19 0.00	45.60 1.29 0.00	39.36 1.22 0.00	29.29 0.89 -0.66	26.90 0.81 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.38 0.74 -0.83	27.65 0.64 -6.30	30.08 0.63 -9.23	35.91 0.69 -12.34	41.95 1.08 -7.22	47.05 1.16 -8.52	47.49 1.15 -9.33	41.01 1.11 -6.41	36.91 0.96 -6.98	32.01 1.01 -0.52
GINNA___ 23603	29.45 -2.46 0.00	26.96 -2.38 0.00	25.61 -2.29 0.00	25.41 -2.36 0.00	26.75 -2.39 0.00	30.73 -2.64 0.00	38.83 -3.70 0.00	40.46 -3.86 0.00	35.05 -3.09 0.00	25.60 -2.22 -0.08	24.06 -2.04 0.00	22.75 -1.74 0.00	21.85 -1.67 0.00	21.99 -1.73 0.00	22.18 -1.74 -0.10	20.00 -1.45 -0.75	19.84 -1.48 -1.09	22.65 -1.69 -1.46	31.92 -2.59 -0.85	35.61 -2.76 -1.01	35.44 -2.66 -1.10	31.85 -2.41 -0.76	27.69 -2.11 -0.83	28.26 -2.29 -0.06
GLEN PARK___ 23778	32.03 0.13 0.00	29.43 0.09 0.00	27.93 0.03 0.00	27.91 0.14 0.00	29.32 0.18 0.00	33.67 0.30 0.00	43.05 0.51 0.00	44.67 0.35 0.00	37.80 -0.34 0.00	26.97 -0.81 -0.04	25.33 -0.76 0.00	23.83 -0.66 0.00	22.87 -0.66 0.00	23.13 -0.59 0.00	23.31 -0.55 -0.05	20.57 -0.48 -0.34	20.30 -0.43 -0.50	23.23 -0.32 -0.67	33.92 -0.13 -0.39	37.90 0.07 -0.46	37.58 0.07 -0.51	33.85 0.00 -0.35	29.21 -0.14 -0.38	30.24 -0.27 -0.03
GLENDALE_27_KV_LOAD 356172	35.94 2.58 -1.45	32.21 2.35 -0.52	30.38 2.26 -0.22	30.00 2.22 -0.01	31.40 2.24 -0.01	35.98 2.60 -0.01	46.33 3.74 -0.06	48.80 4.48 -0.01	48.82 3.85 -6.83	54.05 2.80 -23.51	47.68 2.56 -19.03	47.70 2.38 -20.83	47.70 2.26 -21.92	48.23 2.28 -22.23	47.70 2.29 -21.60	47.67 1.99 -24.98	48.22 1.98 -26.01	54.82 2.27 -29.68	54.37 2.27 -17.21	50.93 3.50 -9.68	50.94 3.89 -10.05	44.64 3.48 -7.66	40.37 2.96 -8.44	35.60 3.05 -2.07
GLENWOOD_IC_1_G5 23712	34.20 2.30 0.00	31.42 2.08 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.67 2.30 0.00	45.89 3.36 0.00	48.44 4.12 0.00	42.13 3.70 -0.29	32.83 2.72 -2.37	29.52 2.48 -0.95	27.83 2.28 -1.06	26.84 2.16 -1.16	27.04 2.18 -1.14	27.95 2.19 -1.94	30.21 1.90 -7.60	32.69 1.90 -10.57	39.52 2.17 -14.47	45.24 3.30 -8.28	50.08 3.51 -9.20	50.49 3.44 -10.05	43.69 3.28 -6.91	39.31 2.81 -7.52	33.88 2.83 -0.56
GLENWOOD_IC_2_G1 23688	34.07 2.17 0.00	31.31 1.97 0.00	29.85 1.95 0.00	29.69 1.91 0.00	31.04 1.89 0.00	35.64 2.27 0.00	45.73 3.19 0.00	48.26 3.94 0.00	41.34 3.43 0.24	29.65 2.52 0.61	27.62 2.30 0.76	25.75 2.11 0.85	24.59 2.00 0.93	24.83 2.02 0.91	25.89 2.02 -0.05	28.58 1.76 -6.12	31.40 1.76 -9.42	37.22 2.01 -12.33	44.10 3.09 -7.35	49.91 3.40 -9.14	50.42 3.37 -10.05	43.48 3.08 -6.90	39.15 2.66 -7.51	33.75 2.71 -0.56
GLENWOOD_IC_3_G1 23689	34.07 2.17 0.00	31.31 1.97 0.00	29.85 1.95 0.00	29.69 1.91 0.00	31.04 1.89 0.00	35.64 2.27 0.00	45.73 3.19 0.00	48.26 3.94 0.00	41.34 3.43 0.24	29.65 2.52 0.61	27.62 2.30 0.76	25.75 2.11 0.85	24.59 2.00 0.93	24.83 2.02 0.91	25.89 2.02 -0.05	28.58 1.76 -6.12	31.40 1.76 -9.42	37.22 2.01 -12.33	44.10 3.09 -7.35	49.91 3.40 -9.14	50.42 3.37 -10.05	43.48 3.08 -6.90	39.15 2.66 -7.51	33.75 2.71 -0.56
GLENWOOD___4 23550	34.20 2.30 0.00	31.42 2.08 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.67 2.30 0.00	45.89 3.36 0.00	48.44 4.12 0.00	42.13 3.70 -0.29	32.83 2.72 -2.37	29.52 2.48 -0.95	27.83 2.28 -1.06	26.84 2.16 -1.16	27.04 2.18 -1.14	27.95 2.19 -1.94	30.21 1.90 -7.60	32.69 1.90 -10.57	39.52 2.17 -14.47	45.24 3.30 -8.28	50.11 3.55 -9.20	50.57 3.52 -10.05	43.69 3.28 -6.91	39.31 2.81 -7.52	33.88 2.83 -0.56
GLENWOOD___5 23614	34.20 2.30 0.00	31.42 2.08 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.67 2.30 0.00	45.89 3.36 0.00	48.44 4.12 0.00	42.13 3.70 -0.29	32.83 2.72 -2.37	29.52 2.48 -0.95	27.83 2.28 -1.06	26.84 2.16 -1.16	27.04 2.18 -1.14	27.95 2.19 -1.94	30.21 1.90 -7.60	32.69 1.90 -10.57	39.52 2.17 -14.47	45.24 3.30 -8.28	50.11 3.55 -9.20	50.57 3.52 -10.05	43.69 3.28 -6.91	39.31 2.81 -7.52	33.88 2.83 -0.56
GLOBAL GREEN_PORT_GT1 23814	34.07 2.17 0.00	31.51 2.17 0.00	30.50 2.60 0.00	30.38 2.61 0.00	31.71 2.57 0.00	36.77 3.41 0.00	47.25 4.72 0.00	50.12 5.80 0.00	42.65 4.35 -0.16	32.61 3.22 -1.66	29.35 2.71 -0.54	27.35 2.25 -0.60	25.95 1.77 -0.66	26.03 1.66 -0.65	26.76 1.45 -1.49	29.28 1.33 -7.25	31.97 1.46 -10.29	38.60 1.76 -13.96	45.22 3.50 -8.06	50.44 3.89 -9.18	50.83 3.78 -10.05	44.16 3.75 -6.90	39.63 3.13 -7.52	34.03 2.99 -0.56
GLOBE___DSASP 323697	28.97 -2.94 0.00	26.46 -2.88 0.00	25.14 -2.76 0.00	24.69 -3.08 0.00	26.17 -2.97 0.00	29.96 -3.40 0.00	37.47 -5.06 0.00	38.82 -5.50 0.00	33.94 -4.20 0.00	24.96 -2.88 -0.10	23.59 -2.50 0.00	22.44 -2.06 0.00	21.59 -1.93 0.00	21.66 -2.06 0.00	21.80 -2.14 -0.13	19.85 -1.82 -0.97	19.84 -1.80 -1.41	22.21 -2.56 -1.89	31.19 -3.57 -1.10	34.75 -3.92 -1.31	34.70 -3.74 -1.43	31.27 -3.22 -0.98	27.38 -2.67 -1.07	27.73 -2.83 -0.08
GOETHSLN___LBMP 323567	34.20 2.30 0.00	31.42 2.08 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.10 1.95 0.00	35.67 2.30 0.00	45.94 3.40 0.00	48.39 4.08 0.00	45.06 3.55 -3.38	49.74 2.58 -19.42	39.21 2.35 -10.77	38.67 2.16 -12.02	38.67 2.05 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.70 2.08 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.56 3.52 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.88 2.83 -0.56
GOLAH___69_KV_TB 1_2 80279	30.66 -1.24 0.00	28.08 -1.26 0.00	26.73 -1.17 0.00	26.41 -1.36 0.00	27.86 -1.28 0.00	31.96 -1.40 0.00	40.36 -2.17 0.00	42.01 -2.30 0.00	36.46 -1.68 0.00	26.52 -1.30 -0.09	24.97 -1.12 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.70 -1.02 0.00	22.78 -1.14 -0.11	20.58 -0.93 -0.81	20.52 -0.89 -1.19	23.39 -1.08 -1.59	32.90 -1.68 -0.93	36.71 -1.76 -1.10	36.58 -1.63 -1.20	32.95 -1.37 -0.82	28.66 -1.22 -0.90	29.21 -1.34 -0.06

GOODYEAR_LAKE_HYD 323669	33.08 1.18 0.00	30.40 1.06 0.00	28.88 0.98 0.00	28.74 0.97 0.00	30.19 1.05 0.00	34.67 1.30 0.00	44.32 1.79 0.00	46.04 1.73 0.00	39.59 1.45 0.00	28.73 0.78 -0.21	26.82 0.73 0.00	25.20 0.71 0.00	24.21 0.68 0.00	24.46 0.74 0.00	24.82 0.74 -0.27	23.37 0.64 -2.02	23.83 0.65 -2.96	27.59 0.76 -3.96	37.25 1.28 -2.31	41.59 1.49 -2.73	41.51 1.52 -2.99	36.93 1.37 -2.05	32.34 1.13 -2.24	31.81 1.16 -0.17
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.87 -0.03 0.00	29.22 -0.12 0.00	27.79 -0.11 0.00	27.60 -0.17 0.00	29.00 -0.15 0.00	33.23 -0.13 0.00	42.32 -0.21 0.00	44.05 -0.27 0.00	37.99 -0.15 0.00	27.70 -0.25 -0.21	25.96 -0.13 0.00	24.42 -0.07 0.00	23.45 -0.07 0.00	23.58 -0.14 0.00	23.85 -0.24 -0.27	22.53 -0.21 -2.04	23.04 -0.16 -2.98	26.64 -0.23 -3.99	35.75 -0.24 -2.33	39.93 -0.19 -2.75	39.83 -0.19 -3.01	35.40 -0.17 -2.07	31.05 -0.17 -2.25	30.53 -0.12 -0.17
GOUDEY___7 23579	31.87 -0.03 0.00	29.22 -0.12 0.00	27.79 -0.11 0.00	27.60 -0.17 0.00	29.00 -0.15 0.00	33.23 -0.13 0.00	42.32 -0.21 0.00	44.05 -0.27 0.00	37.99 -0.15 0.00	27.70 -0.25 -0.21	25.96 -0.13 0.00	24.42 -0.07 0.00	23.45 -0.07 0.00	23.58 -0.14 0.00	23.85 -0.24 -0.27	22.53 -0.21 -2.04	23.04 -0.16 -2.98	26.64 -0.23 -3.99	35.75 -0.24 -2.33	39.93 -0.19 -2.75	39.83 -0.19 -3.01	35.40 -0.17 -2.07	31.05 -0.17 -2.25	30.53 -0.12 -0.17
GOUDEY___8 23580	31.87 -0.03 0.00	29.22 -0.12 0.00	27.79 -0.11 0.00	27.60 -0.17 0.00	29.00 -0.15 0.00	33.23 -0.13 0.00	42.32 -0.21 0.00	44.05 -0.27 0.00	37.99 -0.15 0.00	27.70 -0.25 -0.21	25.96 -0.13 0.00	24.42 -0.07 0.00	23.45 -0.07 0.00	23.58 -0.14 0.00	23.85 -0.24 -0.27	22.53 -0.21 -2.04	23.04 -0.16 -2.98	26.64 -0.23 -3.99	35.75 -0.24 -2.33	39.93 -0.19 -2.75	39.83 -0.19 -3.01	35.40 -0.17 -2.07	31.05 -0.17 -2.25	30.53 -0.12 -0.17
GOWANUS_GT1_1 24077	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT1_2 24078	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT1_3 24079	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT1_4 24080	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT1_5 24084	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT1_6 24111	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT1_7 24112	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT1_8 24113	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.50 2.53 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT2_1 24114	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT2_2 24115	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT2_3 24116	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04

GOWANUS_GT2_4 24117	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT2_5 24118	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT2_6 24119	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT2_7 24120	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT2_8 24121	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT3_1 24122	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
GOWANUS_GT3_2 24123	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67	

GOWANUS_GT4_3 24132	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT4_4 24133	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT4_5 24134	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT4_6 24135	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT4_7 24136	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GOWANUS_GT4_8 24137	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GREENBSH_115KV_TB3 55895	32.67 0.77 0.00	30.04 0.70 0.00	28.57 0.67 0.00	28.47 0.69 0.00	29.90 0.76 0.00	34.20 0.83 0.00	43.64 1.11 0.00	45.65 1.33 0.00	39.32 1.18 0.00	29.47 0.89 -0.84	26.87 0.78 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.61 0.74 -1.06	29.37 0.64 -8.02	32.58 0.61 -11.75	39.24 0.66 -15.70	43.88 1.04 -9.18	49.32 1.12 -10.84	49.99 1.11 -11.87	42.65 1.01 -8.15	38.78 0.93 -8.88	32.12 0.98 -0.66
GREENDGE_115KV_TB5 80291	31.55 -0.35 0.00	28.87 -0.47 0.00	27.43 -0.47 0.00	27.19 -0.58 0.00	28.59 -0.55 0.00	32.80 -0.57 0.00	41.77 -0.77 0.00	43.43 -0.89 0.00	37.34 -0.80 0.00	27.12 -0.75 -0.13	25.49 -0.60 0.00	24.00 -0.49 0.00	23.03 -0.49 0.00	23.13 -0.59 0.00	23.27 -0.71 -0.17	21.35 -0.60 -1.25	21.51 -0.55 -1.83	24.67 -0.66 -2.45	34.32 -0.77 -1.43	38.38 -0.67 -1.69	38.19 -0.67 -1.85	34.10 -0.67 -1.27	29.72 -0.64 -1.39	29.95 -0.64 -0.10
GREENIDGE___3 23582	31.55 -0.35 0.00	28.87 -0.47 0.00	27.43 -0.47 0.00	27.19 -0.58 0.00	28.59 -0.55 0.00	32.80 -0.57 0.00	41.77 -0.77 0.00	43.43 -0.89 0.00	37.34 -0.80 0.00	27.12 -0.75 -0.13	25.49 -0.60 0.00	24.00 -0.49 0.00	23.03 -0.49 0.00	23.13 -0.59 0.00	23.27 -0.71 -0.17	21.35 -0.60 -1.25	21.51 -0.55 -1.83	24.67 -0.66 -2.45	34.32 -0.77 -1.43	38.38 -0.67 -1.69	38.19 -0.67 -1.85	34.10 -0.67 -1.27	29.72 -0.64 -1.39	29.95 -0.64 -0.10
GREENIDGE___4 23583	31.52 -0.38 0.00	28.87 -0.47 0.00	27.40 -0.50 0.00	27.16 -0.61 0.00	28.59 -0.55 0.00	32.83 -0.54 0.00	41.77 -0.76 0.00	43.43 -0.89 0.00	37.34 -0.80 0.00	27.15 -0.72 -0.13	25.47 -0.63 0.00	24.00 -0.49 0.00	23.03 -0.50 0.00	23.13 -0.59 0.00	23.27 -0.71 -0.17	21.35 -0.60 -1.25	21.51 -0.55 -1.83	24.67 -0.66 -2.45	34.32 -0.77 -1.43	38.39 -0.67 -1.69	38.19 -0.67 -1.85	34.10 -0.67 -1.27	29.69 -0.67 -1.39	29.94 -0.64 -0.10
GREENLWN_69_KV_BK 3 55738	34.14 2.23 0.00	31.36 2.02 0.00	29.97 2.06 0.00	29.83 2.06 0.00	31.10 1.95 0.00	35.57 2.20 0.00	45.72 3.19 0.00	48.17 3.86 0.00	42.16 3.85 -0.17	32.25 2.83 -1.68	29.20 2.56 -0.55	27.49 2.38 -0.62	26.44 2.23 -0.68	26.62 2.23 -0.67	27.56 2.24 -1.51	29.93 1.97 -7.26	32.49 1.96 -10.30	39.08 2.22 -13.98	44.96 3.23 -8.07	49.99 3.44 -9.18	50.42 3.37 -10.05	43.69 3.28 -6.90	39.42 2.93 -7.52	33.91 2.87 -0.56
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04
GRISSOM___SOLAR 323813	33.88 1.98 0.00	31.13 1.79 0.00	29.55 1.65 0.00	29.47 1.69 0.00	30.98 1.84 0.00	35.64 2.27 0.00	45.38 2.85 0.00	47.02 2.70 0.00	40.16 2.02 0.00	29.82 1.14 -0.94	27.06 0.97 0.00	25.33 0.83 0.00	24.37 0.85 0.00	24.72 1.00 0.00	25.97 0.98 -1.18	30.56 0.91 -8.95	34.24 0.91 -13.11	41.54 1.14 -17.52	45.99 2.09 -10.24	52.00 2.54 -12.09	52.84 2.59 -13.24	44.90 2.31 -9.09	40.79 1.91 -9.91	33.17 1.95 -0.74
GROVEVILLE___HYD 323602	33.75 1.85 0.00	31.07 1.73 0.00	29.55 1.65 0.00	29.44 1.67 0.00	30.83 1.69 0.00	35.33 1.97 0.00	45.30 2.76 0.00	47.73 3.41 0.00	41.15 3.01 0.00	30.59 2.14 -0.71	27.97 1.88 0.00	26.21 1.71 0.00	25.17 1.65 0.00	25.36 1.64 0.00	26.40 1.69 -0.89	28.96 1.49 -6.76	31.60 1.48 -9.90	37.82 1.69 -13.25	44.06 2.66 -7.74	49.58 3.06 -9.15	50.06 3.03 -10.02	42.99 2.61 -6.88	38.70 2.23 -7.49	33.39 2.35 -0.56
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.65 -0.26 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.07 -0.30 0.00	42.24 -0.30 0.00	44.01 -0.31 0.00	37.87 -0.27 0.00	27.58 -0.22 -0.07	25.96 -0.13 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.14 -0.09	21.25 -0.10 -0.65	21.07 -0.10 -0.95	24.03 -0.11 -1.27	34.20 -0.20 -0.74	38.05 -0.19 -0.87	37.78 -0.19 -0.96	33.96 -0.20 -0.66	29.49 -0.20 -0.72	30.32 -0.21 -0.05

HAMLTNNY_34_KV_TB 80303	31.65 -0.26 0.00	29.05 -0.29 0.00	27.62 -0.28 0.00	27.44 -0.33 0.00	28.85 -0.29 0.00	33.07 -0.30 0.00	42.19 -0.34 0.00	43.96 -0.35 0.00	37.80 -0.34 0.00	27.56 -0.25 -0.07	25.91 -0.18 0.00	24.37 -0.12 0.00	23.43 -0.09 0.00	23.58 -0.14 0.00	23.74 -0.17 -0.09	21.27 -0.12 -0.69	21.11 -0.12 -1.01	24.10 -0.14 -1.35	34.25 -0.20 -0.79	38.11 -0.19 -0.93	37.84 -0.19 -1.02	34.00 -0.20 -0.70	29.54 -0.20 -0.77	30.30 -0.24 -0.06
HAMPSHIRE___PAPER_HYD 323593	31.49 -0.42 0.00	29.02 -0.32 0.00	27.54 -0.36 0.00	27.49 -0.28 0.00	28.85 -0.29 0.00	33.07 -0.30 0.00	42.11 -0.43 0.00	43.65 -0.66 0.00	37.15 -0.99 0.00	26.76 -1.00 -0.02	25.15 -0.94 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.89 -0.83 0.00	23.05 -0.79 -0.02	20.17 -0.70 -0.17	19.79 -0.69 -0.26	22.54 -0.69 -0.34	32.95 -0.91 -0.20	36.67 -0.93 -0.24	36.34 -0.92 -0.26	32.77 -0.90 -0.18	28.36 -0.81 -0.19	29.58 -0.91 -0.01
HARDSCRABBLE_WT_PWR 323673	33.02 1.12 0.00	30.34 1.00 0.00	28.90 1.00 0.00	28.80 1.03 0.00	30.16 1.02 0.00	34.50 1.14 0.00	43.81 1.27 0.00	45.38 1.06 0.00	38.86 0.72 0.00	28.13 0.39 0.00	26.48 0.39 0.00	24.93 0.44 0.00	23.85 0.33 0.00	24.03 0.31 0.00	24.05 0.24 0.00	20.91 0.21 0.00	20.45 0.22 0.00	23.02 0.14 0.00	33.93 0.27 0.00	37.66 0.30 0.00	37.30 0.29 0.00	33.77 0.27 0.00	29.18 0.20 0.00	30.67 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.50 1.60 0.00	30.84 1.50 0.00	29.32 1.42 0.00	29.22 1.44 0.00	30.60 1.46 0.00	35.07 1.70 0.00	44.96 2.42 0.00	47.46 3.15 0.00	40.92 2.78 0.00	30.40 2.00 -0.67	27.84 1.75 0.00	26.08 1.59 0.00	25.05 1.53 0.00	25.24 1.52 0.00	26.20 1.55 -0.84	28.41 1.37 -6.34	30.88 1.38 -9.28	36.89 1.60 -12.41	43.41 2.49 -7.26	48.81 2.88 -8.57	49.24 2.85 -9.39	42.39 2.45 -6.44	38.08 2.09 -7.02	33.20 2.19 -0.52
HARSNRAD_115KV_TB1 81005	29.45 -2.46 0.00	26.88 -2.46 0.00	25.53 -2.37 0.00	25.11 -2.67 0.00	26.55 -2.59 0.00	30.43 -2.94 0.00	38.11 -4.42 0.00	39.57 -4.74 0.00	34.56 -3.59 0.00	25.29 -2.55 -0.10	23.93 -2.17 0.00	22.70 -1.79 0.00	21.85 -1.67 0.00	21.92 -1.80 0.00	22.01 -1.93 -0.13	20.03 -1.64 -0.96	20.01 -1.62 -1.40	22.47 -2.29 -1.88	31.56 -3.20 -1.10	35.19 -3.48 -1.29	35.13 -3.29 -1.42	31.66 -2.81 -0.97	27.66 -2.38 -1.06	28.09 -2.47 -0.08
HARZA MOOSE___RIVER 24016	32.25 0.35 0.00	29.66 0.32 0.00	28.18 0.28 0.00	28.13 0.36 0.00	29.52 0.38 0.00	33.87 0.50 0.00	43.26 0.72 0.00	44.98 0.66 0.00	38.22 0.08 0.00	27.51 -0.25 -0.02	25.83 -0.26 0.00	24.27 -0.22 0.00	23.29 -0.24 0.00	23.53 -0.19 0.00	23.70 -0.14 -0.03	20.78 -0.14 -0.23	20.45 -0.10 -0.33	23.30 -0.02 -0.44	34.05 0.13 -0.26	37.89 0.22 -0.30	37.56 0.22 -0.33	33.86 0.13 -0.23	29.25 0.03 -0.25	30.47 -0.03 -0.02
HDSNBRDG_115KV_BRDG_TB1 355580	31.46 -0.45 0.00	28.87 -0.47 0.00	27.45 -0.45 0.00	27.30 -0.47 0.00	28.68 -0.47 0.00	32.87 -0.50 0.00	41.94 -0.60 0.00	43.70 -0.62 0.00	37.64 -0.50 0.00	27.44 -0.36 -0.06	25.80 -0.29 0.00	24.27 -0.22 0.00	23.31 -0.21 0.00	23.49 -0.24 0.00	23.63 -0.26 -0.08	21.08 -0.21 -0.59	20.86 -0.22 -0.86	23.78 -0.25 -1.15	33.96 -0.37 -0.67	37.75 -0.41 -0.79	37.47 -0.41 -0.87	33.69 -0.40 -0.60	29.28 -0.35 -0.65	30.13 -0.40 -0.05
HELLGATE_13_KV_LD 55870	35.94 2.58 -1.45	32.21 2.35 -0.52	30.38 2.26 -0.22	30.03 2.25 -0.01	31.40 2.24 -0.01	35.98 2.60 -0.01	46.38 3.79 -0.06	48.84 4.52 -0.01	48.82 3.85 -6.83	54.05 2.80 -23.51	47.71 2.58 -19.04	47.71 2.38 -20.84	47.71 2.26 -21.92	48.24 2.28 -22.24	47.71 2.29 -21.61	47.69 2.01 -24.98	48.22 1.98 -26.02	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	44.64 3.48 -7.66	40.37 2.96 -8.44	35.60 3.05 -2.07
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.94 2.58 -1.45	32.21 2.35 -0.52	30.38 2.26 -0.22	30.03 2.25 -0.01	31.40 2.24 -0.01	35.98 2.60 -0.01	46.38 3.79 -0.06	48.84 4.52 -0.01	48.82 3.85 -6.83	54.05 2.80 -23.51	47.71 2.58 -19.04	47.71 2.38 -20.84	47.71 2.26 -21.92	48.24 2.28 -22.24	47.71 2.29 -21.61	47.69 2.01 -24.98	48.22 1.98 -26.02	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	44.64 3.48 -7.66	40.37 2.96 -8.44	35.60 3.05 -2.07
HEMPSTEAD____ 23647	34.04 2.14 0.00	31.31 1.97 0.00	29.91 2.01 0.00	29.71 1.94 0.00	31.04 1.89 0.00	35.70 2.33 0.00	45.68 3.15 0.00	48.31 3.99 0.00	42.06 3.66 -0.26	32.61 2.69 -2.18	29.41 2.48 -0.84	27.71 2.28 -0.94	26.71 2.16 -1.02	26.87 2.14 -1.01	27.81 2.17 -1.82	30.10 1.88 -7.51	32.58 1.86 -10.49	39.32 2.10 -14.33	45.11 3.23 -8.22	50.04 3.48 -9.19	50.45 3.40 -10.05	43.66 3.25 -6.91	39.31 2.81 -7.52	33.88 2.84 -0.56
HEWLETT_69_KV_BK3 55828	34.39 2.49 0.00	31.60 2.26 0.00	30.16 2.26 0.00	29.99 2.22 0.00	31.30 2.16 0.00	35.84 2.47 0.00	46.15 3.62 0.00	48.70 4.39 0.00	42.61 4.16 -0.31	33.24 3.02 -2.48	29.87 2.77 -1.01	28.17 2.55 -1.13	27.18 2.42 -1.23	27.36 2.42 -1.21	28.26 2.43 -2.01	30.50 2.13 -7.66	32.93 2.10 -10.61	39.83 2.40 -14.55	45.61 3.64 -8.32	50.49 3.92 -9.20	50.90 3.85 -10.05	44.06 3.65 -6.91	39.66 3.16 -7.52	34.15 3.11 -0.56
HICKLING___1 23621	31.49 -0.41 0.00	28.84 -0.50 0.00	27.37 -0.53 0.00	27.10 -0.67 0.00	28.50 -0.64 0.00	32.70 -0.67 0.00	41.51 -1.02 0.00	43.12 -1.20 0.00	37.19 -0.95 0.00	26.96 -0.94 -0.17	25.41 -0.68 0.00	23.93 -0.56 0.00	23.01 -0.52 0.00	23.04 -0.69 0.00	23.12 -0.90 -0.21	21.54 -0.77 -1.61	21.87 -0.71 -2.35	25.13 -0.89 -3.15	34.39 -1.11 -1.84	38.53 -1.01 -2.17	38.38 -1.00 -2.38	34.16 -0.97 -1.63	29.88 -0.87 -1.78	29.82 -0.79 -0.13
HICKLING___2 23622	31.49 -0.41 0.00	28.84 -0.50 0.00	27.37 -0.53 0.00	27.10 -0.67 0.00	28.50 -0.64 0.00	32.70 -0.67 0.00	41.51 -1.02 0.00	43.12 -1.20 0.00	37.19 -0.95 0.00	26.96 -0.94 -0.17	25.41 -0.68 0.00	23.93 -0.56 0.00	23.01 -0.52 0.00	23.04 -0.69 0.00	23.12 -0.90 -0.21	21.54 -0.77 -1.61	21.87 -0.71 -2.35	25.13 -0.89 -3.15	34.39 -1.11 -1.84	38.53 -1.01 -2.17	38.38 -1.00 -2.38	34.16 -0.97 -1.63	29.88 -0.87 -1.78	29.82 -0.79 -0.13
HIGH FALLS___HY 23754	33.63 1.72 0.00	30.98 1.64 0.00	29.46 1.56 0.00	29.33 1.56 0.00	30.72 1.57 0.00	35.20 1.84 0.00	45.17 2.64 0.00	47.51 3.19 0.00	40.96 2.82 0.00	30.38 1.94 -0.70	27.79 1.70 0.00	26.04 1.54 0.00	24.98 1.46 0.00	25.17 1.45 0.00	26.19 1.50 -0.87	28.63 1.33 -6.60	31.22 1.33 -9.66	37.39 1.56 -12.95	43.69 2.46 -7.57	49.30 2.99 -8.94	49.80 3.00 -9.80	42.74 2.51 -6.73	38.45 2.14 -7.33	33.28 2.26 -0.55
HIGH_RIVER___SOLAR 323847	33.47 1.56 0.00	30.75 1.41 0.00	29.21 1.31 0.00	29.08 1.31 0.00	30.54 1.40 0.00	35.10 1.73 0.00	44.70 2.17 0.00	46.36 2.04 0.00	39.55 1.41 0.00	29.38 0.72 -0.92	26.69 0.60 0.00	25.03 0.54 0.00	24.09 0.56 0.00	24.43 0.71 0.00	25.65 0.69 -1.15	30.06 0.64 -8.71	33.65 0.67 -12.76	40.82 0.89 -17.05	45.27 1.65 -9.97	51.15 2.02 -11.77	51.97 2.07 -12.89	44.19 1.84 -8.85	40.15 1.53 -9.64	32.78 1.58 -0.72

HILLBURN___GT 23639	33.56 1.66 0.00	30.86 1.52 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.63 1.49 0.00	35.13 1.77 0.00	45.04 2.51 0.00	47.64 3.33 0.00	41.00 2.86 0.00	30.52 2.11 -0.68	27.97 1.88 0.00	26.18 1.69 0.00	25.15 1.62 0.00	25.31 1.59 0.00	26.28 1.62 -0.85	28.56 1.43 -6.43	31.08 1.44 -9.42	37.14 1.67 -12.59	43.58 2.56 -7.36	49.01 2.95 -8.70	49.45 2.92 -9.53	42.62 2.58 -6.54	38.30 2.20 -7.12	33.30 2.29 -0.53
HILLSIDE_115KV_TB1 80332	31.20 -0.70 0.00	28.61 -0.73 0.00	27.18 -0.73 0.00	26.91 -0.86 0.00	28.33 -0.82 0.00	32.47 -0.90 0.00	41.22 -1.32 0.00	42.85 -1.46 0.00	36.96 -1.18 0.00	26.83 -1.08 -0.18	25.28 -0.81 0.00	23.78 -0.71 0.00	22.87 -0.66 0.00	22.92 -0.81 0.00	23.01 -1.02 -0.22	21.50 -0.87 -1.67	21.87 -0.79 -2.44	25.16 -0.98 -3.26	34.29 -1.28 -1.91	38.38 -1.23 -2.25	38.25 -1.22 -2.47	34.05 -1.14 -1.69	29.80 -1.01 -1.84	29.67 -0.94 -0.14
HISHELDN_WT_PWR 323625	30.02 -1.88 0.00	27.40 -1.94 0.00	25.95 -1.95 0.00	25.58 -2.19 0.00	26.93 -2.22 0.00	30.83 -2.54 0.00	38.66 -3.87 0.00	40.11 -4.21 0.00	34.86 -3.28 0.00	25.36 -2.50 -0.12	23.95 -2.14 0.00	22.71 -1.79 0.00	21.83 -1.69 0.00	21.85 -1.87 0.00	21.87 -2.10 -0.15	20.05 -1.78 -1.13	20.14 -1.74 -1.65	22.81 -2.29 -2.22	31.83 -3.13 -1.30	35.60 -3.29 -1.53	35.49 -3.18 -1.67	31.83 -2.81 -1.15	27.73 -2.49 -1.25	28.05 -2.53 -0.09
HOLTSVILLE_IC_1 23690	34.07 2.17 0.00	31.36 2.02 0.00	30.13 2.23 0.00	29.94 2.17 0.00	31.18 2.04 0.00	35.97 2.60 0.00	46.06 3.53 0.00	48.84 4.52 0.00	42.04 3.74 -0.16	32.20 2.80 -1.66	29.16 2.53 -0.54	27.40 2.30 -0.60	26.23 2.05 -0.66	26.43 2.06 -0.65	27.31 2.00 -1.49	29.73 1.78 -7.25	32.34 1.82 -10.29	38.94 2.10 -13.96	45.35 3.64 -8.06	50.51 3.96 -9.18	50.93 3.88 -10.05	44.22 3.82 -6.90	39.71 3.22 -7.52	34.09 3.05 -0.56
HOLTSVILLE_IC_10 23699	34.20 2.30 0.00	31.48 2.14 0.00	30.25 2.34 0.00	30.05 2.28 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	49.01 4.70 0.00	42.16 3.85 -0.16	32.32 2.91 -1.67	29.25 2.61 -0.54	27.48 2.38 -0.61	26.31 2.12 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.50	29.80 1.84 -7.25	32.42 1.90 -10.30	39.04 2.20 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.24 3.20 -0.56
HOLTSVILLE_IC_2 23691	34.07 2.17 0.00	31.36 2.02 0.00	30.13 2.23 0.00	29.94 2.17 0.00	31.18 2.04 0.00	35.97 2.60 0.00	46.06 3.53 0.00	48.84 4.52 0.00	42.04 3.74 -0.16	32.20 2.80 -1.66	29.16 2.53 -0.54	27.40 2.30 -0.60	26.23 2.05 -0.66	26.43 2.06 -0.65	27.31 2.00 -1.49	29.73 1.78 -7.25	32.34 1.82 -10.29	38.94 2.10 -13.96	45.35 3.64 -8.06	50.51 3.96 -9.18	50.93 3.88 -10.05	44.22 3.82 -6.90	39.71 3.22 -7.52	34.09 3.05 -0.56
HOLTSVILLE_IC_3 23692	34.07 2.17 0.00	31.36 2.02 0.00	30.13 2.23 0.00	29.94 2.17 0.00	31.18 2.04 0.00	35.97 2.60 0.00	46.06 3.53 0.00	48.84 4.52 0.00	42.04 3.74 -0.16	32.20 2.80 -1.66	29.16 2.53 -0.54	27.40 2.30 -0.60	26.23 2.05 -0.66	26.43 2.06 -0.65	27.31 2.00 -1.49	29.73 1.78 -7.25	32.34 1.82 -10.29	38.94 2.10 -13.96	45.35 3.64 -8.06	50.51 3.96 -9.18	50.93 3.88 -10.05	44.22 3.82 -6.90	39.71 3.22 -7.52	34.09 3.05 -0.56
HOLTSVILLE_IC_4 23693	34.07 2.17 0.00	31.36 2.02 0.00	30.13 2.23 0.00	29.94 2.17 0.00	31.18 2.04 0.00	35.97 2.60 0.00	46.06 3.53 0.00	48.84 4.52 0.00	42.04 3.74 -0.16	32.20 2.80 -1.66	29.16 2.53 -0.54	27.40 2.30 -0.60	26.23 2.05 -0.66	26.43 2.06 -0.65	27.31 2.00 -1.49	29.73 1.78 -7.25	32.34 1.82 -10.29	38.94 2.10 -13.96	45.35 3.64 -8.06	50.51 3.96 -9.18	50.93 3.88 -10.05	44.22 3.82 -6.90	39.71 3.22 -7.52	34.09 3.05 -0.56
HOLTSVILLE_IC_5 23694	34.07 2.17 0.00	31.36 2.02 0.00	30.13 2.23 0.00	29.94 2.17 0.00	31.18 2.04 0.00	35.97 2.60 0.00	46.06 3.53 0.00	48.84 4.52 0.00	42.04 3.74 -0.16	32.20 2.80 -1.66	29.16 2.53 -0.54	27.40 2.30 -0.60	26.23 2.05 -0.66	26.43 2.06 -0.65	27.31 2.00 -1.49	29.73 1.78 -7.25	32.34 1.82 -10.29	38.94 2.10 -13.96	45.35 3.64 -8.06	50.51 3.96 -9.18	50.93 3.88 -10.05	44.22 3.82 -6.90	39.71 3.22 -7.52	34.09 3.05 -0.56
HOLTSVILLE_IC_6 23695	34.20 2.30 0.00	31.48 2.14 0.00	30.25 2.34 0.00	30.05 2.28 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	49.01 4.70 0.00	42.16 3.85 -0.16	32.32 2.91 -1.67	29.25 2.61 -0.54	27.48 2.38 -0.61	26.31 2.12 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.50	29.80 1.84 -7.25	32.42 1.90 -10.30	39.04 2.20 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.24 3.20 -0.56
HOLTSVILLE_IC_7 23696	34.20 2.30 0.00	31.48 2.14 0.00	30.25 2.34 0.00	30.05 2.28 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	49.01 4.70 0.00	42.16 3.85 -0.16	32.32 2.91 -1.67	29.25 2.61 -0.54	27.48 2.38 -0.61	26.31 2.12 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.50	29.80 1.84 -7.25	32.42 1.90 -10.30	39.04 2.20 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.24 3.20 -0.56
HOLTSVILLE_IC_8 23697	34.20 2.30 0.00	31.48 2.14 0.00	30.25 2.34 0.00	30.05 2.28 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	49.01 4.70 0.00	42.16 3.85 -0.16	32.32 2.91 -1.67	29.25 2.61 -0.54	27.48 2.38 -0.61	26.31 2.12 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.50	29.80 1.84 -7.25	32.42 1.90 -10.30	39.04 2.20 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.24 3.20 -0.56
HOLTSVILLE_IC_9 23698	34.20 2.30 0.00	31.48 2.14 0.00	30.25 2.34 0.00	30.05 2.28 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	49.01 4.70 0.00	42.16 3.85 -0.16	32.32 2.91 -1.67	29.25 2.61 -0.54	27.48 2.38 -0.61	26.31 2.12 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.50	29.80 1.84 -7.25	32.42 1.90 -10.30	39.04 2.20 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.24 3.20 -0.56
HOMER_HL_115KV_TB2 355744	30.31 -1.60 0.00	27.70 -1.64 0.00	26.28 -1.62 0.00	25.91 -1.86 0.00	27.31 -1.84 0.00	31.33 -2.04 0.00	39.39 -3.15 0.00	41.13 -3.19 0.00	35.74 -2.40 0.00	25.31 -2.55 -0.13	24.45 -1.64 0.00	23.05 -1.45 0.00	22.16 -1.36 0.00	22.11 -1.61 0.00	21.62 -2.36 -0.16	19.87 -2.03 -1.20	20.12 -1.86 -1.75	22.92 -2.31 -2.35	31.77 -3.26 -1.38	35.62 -3.36 -1.62	35.52 -3.26 -1.77	31.77 -2.95 -1.22	27.75 -2.55 -1.32	28.14 -2.44 -0.10
HOWARD_WT_PWR 323690	31.04 -0.86 0.00	28.28 -1.06 0.00	26.73 -1.17 0.00	26.33 -1.45 0.00	27.60 -1.55 0.00	31.60 -1.77 0.00	39.86 -2.68 0.00	41.21 -3.10 0.00	35.51 -2.63 0.00	25.72 -2.16 -0.14	24.16 -1.93 0.00	22.75 -1.74 0.00	21.85 -1.67 0.00	21.80 -1.92 0.00	21.80 -2.19 -0.18	20.15 -1.88 -1.33	20.35 -1.82 -1.95	23.34 -2.15 -2.61	32.36 -2.83 -1.53	36.40 -2.76 -1.80	36.20 -2.78 -1.97	32.27 -2.58 -1.35	28.07 -2.38 -1.47	28.40 -2.20 -0.11

HQ_GEN_CEDARS 23644	31.90 0.00 0.00	29.46 0.12 0.00	27.93 0.03 0.00	27.83 0.06 0.00	29.20 0.06 0.00	33.37 0.00 0.00	42.36 -0.17 0.00	43.87 -0.44 0.00	37.76 -0.38 0.00	27.41 -0.33 0.00	25.80 -0.29 0.00	24.20 -0.29 0.00	23.27 -0.26 0.00	23.46 -0.26 0.00	23.55 -0.26 0.00	20.48 -0.23 0.00	19.98 -0.24 0.00	22.61 -0.27 0.00	33.15 -0.50 0.00	36.77 -0.60 0.00	36.45 -0.56 0.00	33.00 -0.50 0.00	28.57 -0.41 0.00	30.09 -0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	31.90 0.00 0.00	29.46 0.12 0.00	27.93 0.03 0.00	27.83 0.06 0.00	29.20 0.06 0.00	33.37 0.00 0.00	42.36 -0.17 0.00	45.31 -0.44 -1.44	36.32 -0.38 1.44	27.41 -0.33 0.00	25.81 -0.29 0.00	24.20 -0.29 0.00	23.27 -0.26 0.00	23.46 -0.26 0.00	23.55 -0.26 0.00	20.48 -0.23 0.00	19.98 -0.24 0.00	22.61 -0.27 0.00	33.15 -0.50 0.00	36.77 -0.60 0.00	36.45 -0.55 0.00	33.00 -0.50 0.00	28.57 -0.41 0.00	30.09 -0.40 0.00
HQ_GEN_IMPORT 323601	31.71 -0.19 0.00	29.22 -0.12 0.00	27.76 -0.14 0.00	27.63 -0.14 0.00	29.00 -0.14 0.00	33.17 -0.20 0.00	42.19 -0.34 0.00	45.31 -0.44 -1.44	36.32 -0.38 1.44	27.46 -0.28 0.00	25.83 -0.26 0.00	24.22 -0.27 0.00	23.27 -0.26 0.00	23.46 -0.26 0.00	23.55 -0.26 0.00	20.48 -0.23 0.00	19.98 -0.24 0.00	22.61 -0.27 0.00	33.19 -0.47 0.00	36.84 -0.52 0.00	36.49 -0.52 0.00	33.03 -0.47 0.00	28.57 -0.41 0.00	30.09 -0.40 0.00
HQ_GEN_WHEEL 23651	31.71 -0.19 0.00	29.22 -0.12 0.00	27.76 -0.14 0.00	27.63 -0.14 0.00	29.00 -0.14 0.00	33.17 -0.20 0.00	42.19 -0.34 0.00	45.31 -0.44 -1.44	36.32 -0.38 1.44	27.46 -0.28 0.00	25.83 -0.26 0.00	24.22 -0.27 0.00	23.27 -0.26 0.00	23.46 -0.26 0.00	23.55 -0.26 0.00	20.48 -0.23 0.00	19.98 -0.24 0.00	22.61 -0.27 0.00	33.19 -0.47 0.00	36.84 -0.52 0.00	36.49 -0.52 0.00	33.03 -0.47 0.00	28.57 -0.41 0.00	30.09 -0.40 0.00
HUDSON_AVE_GT_3 23810	34.26 2.36 0.00	31.51 2.17 0.00	29.99 2.09 0.00	29.83 2.06 0.00	31.18 2.04 0.00	35.77 2.40 0.00	46.02 3.49 0.00	48.53 4.21 0.00	45.14 3.62 -3.38	49.80 2.64 -19.42	39.27 2.40 -10.77	38.72 2.20 -12.02	38.74 2.12 -13.10	38.72 2.11 -12.88	38.72 2.12 -12.78	38.71 1.86 -16.14	39.25 1.86 -17.16	51.75 2.13 -26.74	50.64 3.30 -13.68	50.58 3.62 -9.59	50.64 3.59 -10.04	43.65 3.25 -6.90	39.24 2.75 -7.51	33.91 2.87 -0.56
HUDSON_AVE_GT_4 23540	34.26 2.36 0.00	31.51 2.17 0.00	29.99 2.09 0.00	29.83 2.06 0.00	31.18 2.04 0.00	35.77 2.40 0.00	46.02 3.49 0.00	48.53 4.21 0.00	45.14 3.62 -3.38	49.80 2.64 -19.42	39.27 2.40 -10.77	38.72 2.20 -12.02	38.74 2.12 -13.10	38.72 2.11 -12.88	38.72 2.12 -12.78	38.71 1.86 -16.14	39.25 1.86 -17.16	51.75 2.13 -26.74	50.64 3.30 -13.68	50.58 3.62 -9.59	50.64 3.59 -10.04	43.65 3.25 -6.90	39.24 2.75 -7.51	33.91 2.87 -0.56
HUDSON_AVE_GT_5 23657	34.26 2.36 0.00	31.51 2.17 0.00	29.99 2.09 0.00	29.83 2.06 0.00	31.18 2.04 0.00	35.77 2.40 0.00	46.02 3.49 0.00	48.53 4.21 0.00	45.14 3.62 -3.38	49.80 2.64 -19.42	39.27 2.40 -10.77	38.72 2.20 -12.02	38.74 2.12 -13.10	38.72 2.11 -12.88	38.72 2.12 -12.78	38.71 1.86 -16.14	39.25 1.86 -17.16	51.75 2.13 -26.74	50.64 3.30 -13.68	50.58 3.62 -9.59	50.64 3.59 -10.04	43.65 3.25 -6.90	39.24 2.75 -7.51	33.91 2.87 -0.56
HUDSON_AVE_10 24168	34.30 2.39 0.00	31.51 2.17 0.00	29.99 2.09 0.00	29.85 2.08 0.00	31.21 2.07 0.00	35.77 2.40 0.00	46.02 3.49 0.00	48.53 4.21 0.00	45.18 3.66 -3.38	49.82 2.66 -19.42	39.29 2.43 -10.77	38.74 2.23 -12.02	38.74 2.12 -13.10	38.74 2.14 -12.88	38.74 2.14 -12.78	38.73 1.88 -16.14	39.27 1.88 -17.16	51.77 2.15 -26.74	50.67 3.33 -13.68	50.62 3.66 -9.59	50.67 3.63 -10.04	43.65 3.25 -6.90	39.27 2.78 -7.51	33.94 2.90 -0.56
HUDSON___115KV_TB 4 355613	33.12 1.21 0.00	30.48 1.14 0.00	28.96 1.06 0.00	28.88 1.11 0.00	30.34 1.19 0.00	34.73 1.37 0.00	44.28 1.74 0.00	46.18 1.86 0.00	39.70 1.56 0.00	29.87 1.30 -0.83	27.06 0.97 0.00	25.35 0.86 0.00	24.37 0.85 0.00	24.62 0.90 0.00	25.83 0.98 -1.04	29.32 0.93 -7.68	32.42 0.95 -11.25	39.45 1.19 -15.38	44.67 2.02 -8.99	49.48 1.49 -10.62	50.15 1.52 -11.63	42.73 1.24 -7.99	38.80 1.13 -8.70	32.32 1.19 -0.65
HUNTER MOUNT___DRP 323613	33.18 1.28 0.00	30.54 1.20 0.00	29.02 1.12 0.00	28.91 1.14 0.00	30.40 1.25 0.00	34.80 1.43 0.00	44.32 1.79 0.00	46.22 1.91 0.00	39.74 1.60 0.00	29.74 1.19 -0.81	26.95 0.86 0.00	25.25 0.76 0.00	24.28 0.75 0.00	24.55 0.83 0.00	25.71 0.88 -1.01	29.13 0.85 -7.58	32.19 0.87 -11.10	39.02 1.10 -15.04	44.34 1.88 -8.79	49.06 1.31 -10.39	49.75 1.37 -11.38	42.35 1.04 -7.81	38.44 0.96 -8.51	32.15 1.04 -0.63
HUNTINGTON_RES_REC 323705	34.14 2.23 0.00	31.39 2.05 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.15 2.01 0.00	35.90 2.53 0.00	45.73 3.19 0.00	48.39 4.07 0.00	42.12 3.81 -0.17	32.24 2.83 -1.67	29.17 2.53 -0.55	27.43 2.33 -0.61	26.33 2.14 -0.67	26.54 2.16 -0.66	27.43 2.12 -1.50	29.84 1.88 -7.26	32.44 1.92 -10.30	39.06 2.22 -13.97	45.12 3.40 -8.06	50.21 3.66 -9.18	50.60 3.55 -10.05	43.89 3.48 -6.90	39.57 3.07 -7.52	34.09 3.05 -0.56
HUNTLEY___63 23557	29.70 -2.20 0.00	27.14 -2.20 0.00	25.75 -2.15 0.00	25.30 -2.47 0.00	26.78 -2.36 0.00	30.66 -2.70 0.00	38.41 -4.13 0.00	39.88 -4.43 0.00	34.90 -3.24 0.00	25.46 -2.39 -0.10	24.11 -1.98 0.00	22.90 -1.59 0.00	22.04 -1.48 0.00	22.11 -1.61 0.00	22.16 -1.79 -0.13	20.18 -1.51 -0.99	20.19 -1.48 -1.45	22.69 -2.13 -1.94	31.80 -3.00 -1.13	35.45 -3.25 -1.33	35.40 -3.07 -1.46	31.89 -2.61 -1.00	27.87 -2.20 -1.09	28.28 -2.29 -0.08
HUNTLEY___64 23558	29.70 -2.20 0.00	27.14 -2.20 0.00	25.75 -2.15 0.00	25.30 -2.47 0.00	26.78 -2.36 0.00	30.66 -2.70 0.00	38.41 -4.13 0.00	39.88 -4.43 0.00	34.90 -3.24 0.00	25.46 -2.39 -0.10	24.11 -1.98 0.00	22.90 -1.59 0.00	22.04 -1.48 0.00	22.11 -1.61 0.00	22.16 -1.79 -0.13	20.18 -1.51 -0.99	20.19 -1.48 -1.45	22.69 -2.13 -1.94	31.80 -3.00 -1.13	35.45 -3.25 -1.33	35.40 -3.07 -1.46	31.89 -2.61 -1.00	27.87 -2.20 -1.09	28.28 -2.29 -0.08
HUNTLEY___65 23559	29.70 -2.20 0.00	27.14 -2.20 0.00	25.75 -2.15 0.00	25.30 -2.47 0.00	26.78 -2.36 0.00	30.66 -2.70 0.00	38.41 -4.13 0.00	39.88 -4.43 0.00	34.90 -3.24 0.00	25.46 -2.39 -0.10	24.11 -1.98 0.00	22.90 -1.59 0.00	22.04 -1.48 0.00	22.11 -1.61 0.00	22.16 -1.79 -0.13	20.18 -1.51 -0.99	20.19 -1.48 -1.45	22.69 -2.13 -1.94	31.80 -3.00 -1.13	35.45 -3.25 -1.33	35.40 -3.07 -1.46	31.89 -2.61 -1.00	27.87 -2.20 -1.09	28.28 -2.29 -0.08
HUNTLEY___66 23560	29.70 -2.20 0.00	27.14 -2.20 0.00	25.75 -2.15 0.00	25.30 -2.47 0.00	26.78 -2.36 0.00	30.66 -2.70 0.00	38.41 -4.13 0.00	39.88 -4.43 0.00	34.90 -3.24 0.00	25.46 -2.39 -0.10	24.11 -1.98 0.00	22.90 -1.59 0.00	22.04 -1.48 0.00	22.11 -1.61 0.00	22.16 -1.79 -0.13	20.18 -1.51 -0.99	20.19 -1.48 -1.45	22.69 -2.13 -1.94	31.80 -3.00 -1.13	35.45 -3.25 -1.33	35.40 -3.07 -1.46	31.89 -2.61 -1.00	27.87 -2.20 -1.09	28.28 -2.29 -0.08

HUNTLEY___67 23561	29.61 -2.30 0.00	27.02 -2.32 0.00	25.67 -2.23 0.00	25.22 -2.55 0.00	26.67 -2.48 0.00	30.56 -2.80 0.00	38.28 -4.25 0.00	39.75 -4.56 0.00	34.63 -3.51 0.00	25.32 -2.52 -0.10	23.98 -2.11 0.00	22.78 -1.71 0.00	21.95 -1.58 0.00	21.99 -1.73 0.00	22.04 -1.91 -0.13	20.09 -1.61 -1.00	20.11 -1.58 -1.46	22.61 -2.22 -1.95	31.70 -3.10 -1.14	35.36 -3.36 -1.36	35.27 -3.22 -1.49	31.74 -2.78 -1.02	27.77 -2.32 -1.11	28.13 -2.44 -0.08
HUNTLEY___68 23562	29.61 -2.30 0.00	27.02 -2.32 0.00	25.67 -2.23 0.00	25.22 -2.55 0.00	26.67 -2.48 0.00	30.56 -2.80 0.00	38.28 -4.25 0.00	39.75 -4.56 0.00	34.63 -3.51 0.00	25.32 -2.52 -0.10	23.98 -2.11 0.00	22.78 -1.71 0.00	21.95 -1.58 0.00	21.99 -1.73 0.00	22.04 -1.91 -0.13	20.09 -1.61 -1.00	20.11 -1.58 -1.46	22.61 -2.22 -1.95	31.70 -3.10 -1.14	35.36 -3.36 -1.36	35.27 -3.22 -1.49	31.74 -2.78 -1.02	27.77 -2.32 -1.11	28.13 -2.44 -0.08
HYLAND___LFG 323620	31.78 -0.13 0.00	29.02 -0.32 0.00	27.51 -0.39 0.00	27.24 -0.53 0.00	28.68 -0.47 0.00	32.97 -0.40 0.00	41.60 -0.94 0.00	43.08 -1.24 0.00	36.80 -1.34 0.00	26.55 -1.30 -0.12	24.81 -1.28 0.00	23.42 -1.08 0.00	22.44 -1.08 0.00	22.47 -1.26 0.00	22.65 -1.31 -0.14	20.78 -1.01 -1.09	20.94 -0.89 -1.60	24.09 -0.94 -2.15	33.97 -0.94 -1.25	38.29 -0.56 -1.48	38.29 -0.33 -1.62	34.25 -0.37 -1.11	29.75 -0.43 -1.21	30.05 -0.52 -0.09
INDECK___CORINTH 23802	33.69 1.79 0.00	30.95 1.61 0.00	29.41 1.51 0.00	29.30 1.53 0.00	31.01 1.87 0.00	35.67 2.30 0.00	45.55 3.02 0.00	47.46 3.15 0.00	40.66 2.52 0.00	30.30 1.69 -0.87	27.55 1.46 0.00	25.64 1.15 0.00	24.68 1.15 0.00	25.00 1.28 0.00	26.22 1.31 -1.09	30.20 1.20 -8.30	33.59 1.21 -12.16	40.38 1.28 -16.22	45.23 2.09 -9.48	50.95 2.39 -11.19	51.71 2.44 -12.26	43.96 2.04 -8.42	39.88 1.74 -9.17	32.96 1.80 -0.68
INDECK___ILION 23567	33.18 1.28 0.00	30.48 1.14 0.00	29.05 1.14 0.00	28.94 1.17 0.00	30.31 1.17 0.00	34.67 1.30 0.00	44.07 1.53 0.00	45.65 1.33 0.00	39.06 0.92 0.00	28.24 0.50 0.00	26.61 0.52 0.00	25.03 0.54 0.00	23.97 0.45 0.00	24.15 0.43 0.00	24.20 0.38 0.00	21.01 0.31 0.00	20.55 0.32 0.00	23.09 0.21 0.00	33.99 0.34 0.00	37.78 0.41 0.00	37.41 0.41 0.00	33.84 0.34 0.00	29.23 0.26 0.00	30.76 0.27 0.00
INDECK___OLEAN 23982	30.31 -1.59 0.00	27.67 -1.67 0.00	26.23 -1.67 0.00	25.91 -1.86 0.00	27.31 -1.84 0.00	31.37 -2.00 0.00	39.39 -3.15 0.00	41.13 -3.19 0.00	35.74 -2.40 0.00	25.56 -2.30 -0.13	24.42 -1.67 0.00	23.05 -1.45 0.00	22.16 -1.36 0.00	22.11 -1.61 0.00	21.62 -2.36 -0.16	19.87 -2.03 -1.20	20.13 -1.84 -1.75	22.92 -2.31 -2.35	31.77 -3.26 -1.38	35.62 -3.36 -1.62	35.52 -3.26 -1.77	31.77 -2.95 -1.22	27.69 -2.61 -1.32	28.14 -2.44 -0.10
INDECK___OSWEGO 23783	31.11 -0.80 0.00	28.58 -0.76 0.00	27.20 -0.70 0.00	27.05 -0.72 0.00	28.42 -0.73 0.00	32.53 -0.83 0.00	41.51 -1.02 0.00	43.25 -1.06 0.00	37.19 -0.95 0.00	27.10 -0.69 -0.05	25.49 -0.60 0.00	23.98 -0.52 0.00	23.03 -0.50 0.00	23.20 -0.52 0.00	23.36 -0.52 -0.06	20.74 -0.46 -0.49	20.50 -0.44 -0.72	23.34 -0.50 -0.97	33.48 -0.74 -0.56	37.25 -0.79 -0.67	36.92 -0.81 -0.73	33.26 -0.74 -0.50	28.88 -0.64 -0.55	29.82 -0.70 -0.04
INDECK___YERKES 23781	29.73 -2.17 0.00	27.17 -2.17 0.00	25.72 -2.18 0.00	25.33 -2.44 0.00	26.81 -2.33 0.00	30.76 -2.60 0.00	38.45 -4.08 0.00	39.93 -4.39 0.00	34.94 -3.20 0.00	25.51 -2.33 -0.10	24.11 -1.98 0.00	22.92 -1.57 0.00	22.07 -1.46 0.00	22.13 -1.59 0.00	22.18 -1.76 -0.13	20.20 -1.49 -0.99	20.21 -1.46 -1.45	22.71 -2.10 -1.94	31.83 -2.96 -1.13	35.49 -3.21 -1.33	35.40 -3.07 -1.46	31.89 -2.61 -1.00	27.84 -2.23 -1.09	28.28 -2.29 -0.08
INDIAN POINT_GT_1 24139	33.79 1.88 0.00	31.07 1.73 0.00	29.60 1.70 0.00	29.47 1.69 0.00	30.83 1.69 0.00	35.33 1.97 0.00	45.38 2.85 0.00	47.91 3.59 0.00	41.29 3.05 -0.10	31.24 2.22 -1.28	28.40 1.98 -0.33	26.67 1.81 -0.37	25.64 1.72 -0.40	25.85 1.73 -0.39	26.81 1.74 -1.25	29.28 1.53 -7.04	31.88 1.54 -10.12	38.29 1.76 -13.65	44.34 2.76 -7.92	49.62 3.10 -9.15	50.09 3.07 -10.01	43.09 2.71 -6.87	38.78 2.32 -7.49	33.45 2.41 -0.56
INDIAN POINT_GT_2 23659	33.79 1.88 0.00	31.07 1.73 0.00	29.60 1.70 0.00	29.47 1.69 0.00	30.83 1.69 0.00	35.33 1.97 0.00	45.38 2.85 0.00	47.91 3.59 0.00	41.29 3.05 -0.10	31.24 2.22 -1.28	28.40 1.98 -0.33	26.67 1.81 -0.37	25.64 1.72 -0.40	25.85 1.73 -0.39	26.81 1.74 -1.25	29.28 1.53 -7.04	31.88 1.54 -10.12	38.29 1.76 -13.65	44.34 2.76 -7.92	49.62 3.10 -9.15	50.09 3.07 -10.01	43.09 2.71 -6.87	38.78 2.32 -7.49	33.45 2.41 -0.56
INDIAN POINT_GT_3 24019	33.79 1.88 0.00	31.07 1.73 0.00	29.60 1.70 0.00	29.47 1.69 0.00	30.83 1.69 0.00	35.33 1.97 0.00	45.38 2.85 0.00	47.91 3.59 0.00	41.29 3.05 -0.10	31.24 2.22 -1.28	28.40 1.98 -0.33	26.67 1.81 -0.37	25.64 1.72 -0.40	25.85 1.73 -0.39	26.81 1.74 -1.25	29.28 1.53 -7.04	31.88 1.54 -10.12	38.29 1.76 -13.65	44.34 2.76 -7.92	49.62 3.10 -9.15	50.09 3.07 -10.01	43.09 2.71 -6.87	38.78 2.32 -7.49	33.45 2.41 -0.56
INDIAN POINT___2 23530	33.95 2.04 0.00	31.22 1.88 0.00	29.71 1.81 0.00	29.58 1.80 0.00	30.92 1.78 0.00	35.47 2.10 0.00	45.55 3.02 0.00	48.04 3.72 0.00	41.50 3.20 -0.15	31.64 2.33 -1.57	28.70 2.11 -0.49	26.98 1.93 -0.55	25.96 1.84 -0.60	26.16 1.85 -0.59	27.11 1.86 -1.44	29.55 1.64 -7.21	32.12 1.64 -10.26	38.65 1.88 -13.89	44.58 2.90 -8.03	49.80 3.25 -9.19	50.26 3.22 -10.04	43.28 2.88 -6.89	38.95 2.46 -7.51	33.60 2.56 -0.56
INDIAN POINT___3 23531	33.66 1.75 0.00	30.95 1.61 0.00	29.49 1.59 0.00	29.35 1.58 0.00	30.72 1.57 0.00	35.20 1.84 0.00	45.17 2.64 0.00	47.73 3.41 0.00	41.13 2.90 -0.09	31.05 2.11 -1.20	28.28 1.90 -0.29	26.55 1.74 -0.32	25.52 1.65 -0.35	25.73 1.66 -0.34	26.68 1.67 -1.20	29.11 1.47 -6.94	31.69 1.48 -9.99	38.03 1.69 -13.46	44.10 2.63 -7.82	49.38 2.95 -9.06	49.84 2.92 -9.91	42.92 2.61 -6.80	38.62 2.23 -7.41	33.35 2.32 -0.55
INGHAM_C_115KV_TB7 356103	33.15 1.24 0.00	30.45 1.11 0.00	29.02 1.12 0.00	28.91 1.14 0.00	30.28 1.14 0.00	34.63 1.27 0.00	43.98 1.45 0.00	45.56 1.24 0.00	38.98 0.84 0.00	28.21 0.47 0.00	26.59 0.50 0.00	25.01 0.51 0.00	23.95 0.42 0.00	24.13 0.40 0.00	24.15 0.33 0.00	20.97 0.27 0.00	20.53 0.30 0.00	23.11 0.23 0.00	34.03 0.37 0.00	37.81 0.45 0.00	37.45 0.44 0.00	33.90 0.40 0.00	29.26 0.29 0.00	30.79 0.30 0.00
IP CORINTH___1 23988	33.69 1.79 0.00	30.95 1.61 0.00	29.41 1.51 0.00	29.30 1.53 0.00	31.01 1.87 0.00	35.67 2.30 0.00	45.55 3.02 0.00	47.46 3.15 0.00	40.66 2.52 0.00	30.30 1.69 -0.87	27.55 1.46 0.00	25.64 1.15 0.00	24.68 1.15 0.00	25.00 1.28 0.00	26.22 1.31 -1.09	30.19 1.20 -8.28	33.57 1.21 -12.13	40.37 1.28 -16.21	45.22 2.09 -9.48	50.95 2.39 -11.19	51.71 2.44 -12.26	43.96 2.04 -8.42	39.88 1.74 -9.17	32.96 1.80 -0.68

IP__TICONDEROGA 23804	34.46 2.55 0.00	31.66 2.32 0.00	30.05 2.15 0.00	29.94 2.17 0.00	31.71 2.56 0.00	36.57 3.20 0.00	46.66 4.13 0.00	48.44 4.12 0.00	41.42 3.28 0.00	30.66 2.05 -0.87	27.81 1.72 0.00	25.82 1.32 0.00	24.84 1.32 0.00	25.19 1.47 0.00	26.41 1.50 -1.09	30.45 1.47 -8.27	33.82 1.48 -12.12	40.72 1.65 -16.20	45.96 2.83 -9.47	51.84 3.29 -11.18	52.62 3.37 -12.25	44.66 2.75 -8.41	40.45 2.32 -9.16	33.54 2.38 -0.68
ISLIP_RES_REC 323679	34.30 2.39 0.00	31.57 2.23 0.00	30.33 2.43 0.00	30.13 2.36 0.00	31.39 2.24 0.00	36.20 2.83 0.00	46.40 3.87 0.00	49.19 4.87 0.00	42.31 4.00 -0.17	32.41 3.00 -1.67	29.33 2.69 -0.55	27.55 2.45 -0.61	26.38 2.19 -0.67	26.59 2.21 -0.66	27.46 2.14 -1.50	29.86 1.90 -7.26	32.48 1.96 -10.30	39.13 2.29 -13.97	45.66 3.94 -8.06	50.88 4.33 -9.18	51.27 4.22 -10.05	44.52 4.12 -6.90	39.97 3.48 -7.52	34.33 3.29 -0.56
JAMAICA__27_KV_LOAD 355505	34.52 2.62 0.00	31.72 2.38 0.00	30.19 2.29 0.00	30.02 2.25 0.00	31.39 2.24 0.00	36.00 2.64 0.00	46.28 3.74 0.00	48.75 4.43 0.00	45.48 3.97 -3.38	50.02 2.86 -19.42	39.45 2.58 -10.77	38.91 2.40 -12.02	38.93 2.31 -13.10	38.91 2.30 -12.88	38.93 2.33 -12.78	38.90 2.05 -16.14	39.41 2.02 -17.16	51.95 2.33 -26.74	50.94 3.60 -13.68	50.88 3.92 -9.59	50.93 3.89 -10.04	43.88 3.48 -6.90	39.50 3.01 -7.51	34.15 3.11 -0.56
JANIS__SOLAR 323808	32.99 1.09 0.00	30.28 0.94 0.00	28.74 0.84 0.00	28.58 0.81 0.00	30.05 0.90 0.00	34.57 1.20 0.00	44.19 1.66 0.00	45.87 1.55 0.00	39.09 0.95 0.00	28.12 0.20 -0.18	26.22 0.13 0.00	24.67 0.17 0.00	23.67 0.14 0.00	23.84 0.12 0.00	24.19 0.14 -0.23	22.59 0.16 -1.72	23.01 0.26 -2.52	26.66 0.41 -3.37	36.57 0.94 -1.97	40.93 1.23 -2.33	40.70 1.15 -2.55	36.22 0.97 -1.75	31.61 0.72 -1.91	31.35 0.73 -0.14
JARVIS____ 23743	32.10 0.19 0.00	29.52 0.18 0.00	28.07 0.17 0.00	27.94 0.17 0.00	29.32 0.18 0.00	33.57 0.20 0.00	42.83 0.30 0.00	44.67 0.35 0.00	38.41 0.27 0.00	27.91 0.17 0.00	26.22 0.13 0.00	24.62 0.12 0.00	23.64 0.12 0.00	23.84 0.12 0.00	23.96 0.14 0.00	20.83 0.12 0.00	20.34 0.12 0.00	23.04 0.16 0.00	33.93 0.27 0.00	37.66 0.30 0.00	37.30 0.29 0.00	33.77 0.27 0.00	29.18 0.20 0.00	30.70 0.21 0.00
JENNISON__1 23625	33.21 1.31 0.00	30.48 1.14 0.00	28.93 1.03 0.00	28.77 1.00 0.00	30.25 1.11 0.00	34.77 1.40 0.00	44.45 1.91 0.00	46.22 1.91 0.00	39.59 1.45 0.00	28.55 0.58 -0.23	26.67 0.57 0.00	25.08 0.59 0.00	24.06 0.54 0.00	24.29 0.57 0.00	24.66 0.55 -0.29	23.42 0.50 -2.22	24.02 0.55 -3.25	27.89 0.66 -4.35	37.45 1.25 -2.54	41.86 1.49 -3.00	41.74 1.44 -3.29	37.00 1.24 -2.26	32.42 0.99 -2.46	31.67 1.01 -0.18
JENNISON__2 23626	33.21 1.31 0.00	30.48 1.14 0.00	28.93 1.03 0.00	28.77 1.00 0.00	30.25 1.11 0.00	34.77 1.40 0.00	44.45 1.91 0.00	46.22 1.91 0.00	39.59 1.45 0.00	28.55 0.58 -0.23	26.67 0.57 0.00	25.08 0.59 0.00	24.06 0.54 0.00	24.29 0.57 0.00	24.66 0.55 -0.29	23.42 0.50 -2.22	24.02 0.55 -3.25	27.89 0.66 -4.35	37.45 1.25 -2.54	41.86 1.49 -3.00	41.74 1.44 -3.29	37.00 1.24 -2.26	32.42 0.99 -2.46	31.67 1.01 -0.18
JERICHO_RISE_WT_PWR 323719	31.68 -0.22 0.00	29.34 0.00 0.00	27.85 -0.06 0.00	27.80 0.03 0.00	29.23 0.09 0.00	33.43 0.07 0.00	42.45 -0.08 0.00	44.05 -0.26 0.00	37.83 -0.31 0.00	27.52 -0.22 0.00	25.91 -0.18 0.00	24.25 -0.24 0.00	23.29 -0.24 0.00	23.41 -0.31 0.00	23.41 -0.40 0.00	20.23 -0.48 0.00	19.66 -0.57 0.00	22.22 -0.66 0.00	32.45 -1.21 0.00	35.91 -1.46 0.00	35.52 -1.48 0.00	32.09 -1.41 0.00	27.73 -1.25 0.00	29.20 -1.28 0.00
KATONAH__115KV_46KV_TB4 355592	33.88 1.98 0.00	31.16 1.82 0.00	29.66 1.76 0.00	29.52 1.75 0.00	30.92 1.78 0.00	35.47 2.10 0.00	45.55 3.02 0.00	48.04 3.72 0.00	41.31 3.17 0.00	30.73 2.27 -0.72	28.15 2.06 0.00	26.35 1.86 0.00	25.31 1.79 0.00	25.50 1.78 0.00	26.50 1.79 -0.90	29.10 1.57 -6.82	31.82 1.60 -10.00	38.08 1.83 -13.37	44.33 2.86 -7.81	49.77 3.18 -9.23	50.30 3.18 -10.11	43.22 2.78 -6.94	38.94 2.40 -7.56	33.51 2.47 -0.56
KCE_NY_1 323755	33.66 1.75 0.00	30.92 1.58 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.92 1.78 0.00	35.50 2.14 0.00	45.38 2.85 0.00	47.33 3.02 0.00	40.54 2.40 0.00	30.22 1.61 -0.87	27.50 1.41 0.00	25.67 1.18 0.00	24.68 1.15 0.00	24.98 1.26 0.00	26.21 1.31 -1.09	30.18 1.28 -8.20	33.50 1.27 -12.00	40.23 1.19 -16.16	45.02 1.92 -9.45	50.72 2.20 -11.15	51.44 2.22 -12.22	43.80 1.91 -8.39	39.73 1.62 -9.14	32.87 1.71 -0.68
KCE_NY_6_ESR 323823	29.96 -1.95 0.00	27.34 -2.00 0.00	25.89 -2.01 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.93 -2.43 0.00	38.71 -3.83 0.00	40.24 -4.08 0.00	35.20 -2.94 0.00	25.55 -2.30 -0.11	24.21 -1.88 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.13 -1.59 0.00	22.07 -1.88 -0.14	20.18 -1.57 -1.05	20.24 -1.52 -1.53	22.82 -2.13 -2.07	31.87 -3.00 -1.21	35.57 -3.21 -1.42	35.48 -3.07 -1.55	31.88 -2.68 -1.06	27.81 -2.32 -1.16	28.22 -2.35 -0.09
KEDC_PORT_JEFF_GT2 24210	34.20 2.30 0.00	31.48 2.14 0.00	30.25 2.34 0.00	30.05 2.28 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	48.97 4.65 0.00	42.16 3.85 -0.16	32.31 2.91 -1.66	29.24 2.61 -0.54	27.48 2.38 -0.61	26.33 2.14 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.49	29.80 1.84 -7.25	32.42 1.90 -10.29	39.06 2.22 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.08 4.03 -10.05	44.36 3.95 -6.90	39.86 3.36 -7.52	34.24 3.20 -0.56
KEDC_PORT_JEFF_GT3 24211	34.20 2.30 0.00	31.48 2.14 0.00	30.25 2.34 0.00	30.05 2.28 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	48.97 4.65 0.00	42.16 3.85 -0.16	32.31 2.91 -1.66	29.24 2.61 -0.54	27.48 2.38 -0.61	26.33 2.14 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.49	29.80 1.84 -7.25	32.42 1.90 -10.29	39.06 2.22 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.08 4.03 -10.05	44.36 3.95 -6.90	39.86 3.36 -7.52	34.24 3.20 -0.56
KEDC_GLWD_GT4 24219	34.20 2.30 0.00	31.42 2.08 0.00	29.99 2.09 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.80 2.43 0.00	45.85 3.32 0.00	48.44 4.12 0.00	42.13 3.70 -0.29	32.83 2.72 -2.37	29.52 2.48 -0.95	27.83 2.28 -1.06	26.84 2.16 -1.16	27.04 2.18 -1.14	27.95 2.19 -1.94	30.21 1.90 -7.60	32.69 1.90 -10.57	39.52 2.17 -14.47	45.24 3.30 -8.28	50.07 3.51 -9.20	50.49 3.44 -10.05	43.69 3.28 -6.91	39.34 2.84 -7.52	33.94 2.90 -0.56
KEDC_GLWD_GT5 24220	34.20 2.30 0.00	31.42 2.08 0.00	29.99 2.09 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.80 2.43 0.00	45.85 3.32 0.00	48.44 4.12 0.00	42.13 3.70 -0.29	32.83 2.72 -2.37	29.52 2.48 -0.95	27.83 2.28 -1.06	26.84 2.16 -1.16	27.04 2.18 -1.14	27.95 2.19 -1.94	30.21 1.90 -7.60	32.69 1.90 -10.57	39.52 2.17 -14.47	45.24 3.30 -8.28	50.07 3.51 -9.20	50.49 3.44 -10.05	43.69 3.28 -6.91	39.34 2.84 -7.52	33.94 2.90 -0.56

KENSICO____ 23655	33.88 1.98 0.00	31.16 1.82 0.00	29.66 1.76 0.00	29.52 1.75 0.00	30.89 1.75 0.00	35.40 2.04 0.00	45.51 2.98 0.00	47.99 3.68 0.00	41.40 3.13 -0.13	31.44 2.27 -1.42	28.56 2.06 -0.41	26.83 1.89 -0.46	25.83 1.81 -0.50	26.02 1.80 -0.49	26.97 1.81 -1.34	29.42 1.59 -7.13	32.01 1.60 -10.19	38.48 1.83 -13.77	44.50 2.86 -7.98	49.71 3.18 -9.17	50.18 3.15 -10.03	43.20 2.81 -6.88	38.88 2.40 -7.50	33.54 2.50 -0.56
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.63 1.72 0.00	30.95 1.61 0.00	29.44 1.53 0.00	29.33 1.56 0.00	30.69 1.54 0.00	35.20 1.84 0.00	45.13 2.59 0.00	47.42 3.10 0.00	40.89 2.75 0.00	30.29 1.89 -0.66	27.71 1.62 0.00	25.99 1.49 0.00	24.94 1.41 0.00	25.12 1.40 0.00	26.10 1.45 -0.83	28.28 1.28 -6.29	30.73 1.29 -9.22	36.76 1.53 -12.35	43.30 2.42 -7.22	48.77 2.88 -8.52	49.23 2.89 -9.34	42.32 2.41 -6.41	38.01 2.06 -6.98	33.17 2.16 -0.52
KIAC_JFK_GT1 23816	34.36 2.46 0.00	31.57 2.23 0.00	30.05 2.15 0.00	29.88 2.11 0.00	31.24 2.10 0.00	35.84 2.47 0.00	45.89 3.36 0.00	48.35 4.03 0.00	45.10 3.59 -3.38	49.77 2.61 -19.42	39.21 2.35 -10.77	38.69 2.18 -12.02	38.77 2.14 -13.10	38.74 2.14 -12.88	38.77 2.17 -12.78	38.73 1.88 -16.14	39.25 1.86 -17.16	51.75 2.13 -26.74	50.64 3.30 -13.68	50.54 3.59 -9.59	50.60 3.55 -10.04	43.54 3.15 -6.90	39.33 2.84 -7.51	33.97 2.93 -0.56
KIAC_JFK_GT2 23817	34.36 2.46 0.00	31.57 2.23 0.00	30.05 2.15 0.00	29.88 2.11 0.00	31.24 2.10 0.00	35.84 2.47 0.00	45.89 3.36 0.00	48.35 4.03 0.00	45.10 3.59 -3.38	49.77 2.61 -19.42	39.21 2.35 -10.77	38.69 2.18 -12.02	38.77 2.14 -13.10	38.74 2.14 -12.88	38.77 2.17 -12.78	38.73 1.88 -16.14	39.25 1.86 -17.16	51.75 2.13 -26.74	50.64 3.30 -13.68	50.54 3.59 -9.59	50.60 3.55 -10.04	43.54 3.15 -6.90	39.33 2.84 -7.51	33.97 2.93 -0.56
KIAC_JFK____ 323774	34.39 2.49 0.00	31.57 2.23 0.00	30.05 2.15 0.00	29.88 2.11 0.00	31.24 2.10 0.00	35.84 2.47 0.00	45.85 3.32 0.00	48.39 4.07 0.00	45.10 3.58 -3.38	49.80 2.64 -19.42	39.24 2.37 -10.77	38.69 2.18 -12.02	38.76 2.14 -13.10	38.74 2.14 -12.88	38.77 2.17 -12.78	38.73 1.88 -16.14	39.25 1.86 -17.16	51.74 2.13 -26.74	50.64 3.30 -13.68	50.54 3.59 -9.59	50.60 3.55 -10.04	43.58 3.18 -6.90	39.36 2.87 -7.51	34.00 2.96 -0.56
KINTIGH____ 23543	29.77 -2.14 0.00	27.23 -2.11 0.00	25.89 -2.01 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.86 -2.50 0.00	38.79 -3.74 0.00	40.24 -4.08 0.00	35.09 -3.05 0.00	25.83 -2.00 -0.09	24.27 -1.83 0.00	23.02 -1.47 0.00	22.16 -1.36 0.00	22.23 -1.49 0.00	22.45 -1.48 -0.11	20.35 -1.22 -0.86	20.28 -1.21 -1.27	23.15 -1.42 -1.69	32.22 -2.42 -0.99	35.88 -2.65 -1.17	35.77 -2.52 -1.28	32.24 -2.14 -0.88	28.11 -1.83 -0.96	28.63 -1.92 -0.07
KNTFSRNC_46_KV_46KV_LOAD 80397	32.16 0.26 0.00	29.78 0.44 0.00	28.24 0.33 0.00	28.19 0.42 0.00	29.64 0.50 0.00	33.90 0.53 0.00	43.09 0.55 0.00	44.67 0.35 0.00	38.37 0.23 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.10 0.00	20.52 -0.19 0.00	19.94 -0.28 0.00	22.54 -0.34 0.00	32.95 -0.71 0.00	36.51 -0.86 0.00	36.08 -0.93 0.00	32.56 -0.94 0.00	28.13 -0.84 0.00	29.63 -0.85 0.00
LACHUTE__HYDRO 323717	34.46 2.55 0.00	31.66 2.32 0.00	30.05 2.15 0.00	29.94 2.17 0.00	31.71 2.57 0.00	36.57 3.20 0.00	46.66 4.12 0.00	48.44 4.12 0.00	41.42 3.28 0.00	30.66 2.05 -0.87	27.81 1.72 0.00	25.81 1.32 0.00	24.84 1.32 0.00	25.19 1.47 0.00	26.41 1.50 -1.09	30.46 1.47 -8.29	33.84 1.48 -12.14	40.73 1.65 -16.20	45.96 2.83 -9.47	51.84 3.29 -11.18	52.62 3.37 -12.25	44.66 2.75 -8.41	40.43 2.29 -9.16	33.54 2.38 -0.68
LAWRNCV_115KV_TB1 80681	31.39 -0.51 0.00	28.99 -0.35 0.00	27.48 -0.42 0.00	27.41 -0.36 0.00	28.76 -0.38 0.00	32.90 -0.47 0.00	41.77 -0.77 0.00	43.25 -1.06 0.00	37.07 -1.07 0.00	26.88 -0.86 0.00	25.28 -0.81 0.00	23.71 -0.78 0.00	22.77 -0.75 0.00	22.99 -0.74 0.00	23.08 -0.74 0.00	20.06 -0.64 0.00	19.58 -0.65 0.00	22.17 -0.71 0.00	32.58 -1.08 0.00	36.13 -1.23 0.00	35.78 -1.22 0.00	32.39 -1.11 0.00	28.02 -0.96 0.00	29.51 -0.98 0.00
LEDERLE____ 23769	33.66 1.75 0.00	30.95 1.61 0.00	29.46 1.56 0.00	29.35 1.58 0.00	30.72 1.57 0.00	35.20 1.84 0.00	45.17 2.64 0.00	47.77 3.46 0.00	41.12 2.97 0.00	30.62 2.19 -0.69	28.05 1.96 0.00	26.26 1.76 0.00	25.22 1.69 0.00	25.38 1.66 0.00	26.37 1.69 -0.86	28.71 1.49 -6.52	31.27 1.50 -9.55	37.38 1.74 -12.77	43.81 2.69 -7.46	49.24 3.06 -8.81	49.69 3.03 -9.65	42.81 2.68 -6.63	38.48 2.29 -7.22	33.37 2.35 -0.54
LIGHTRSE_115KV_TB6 355974	31.39 -0.51 0.00	28.84 -0.50 0.00	27.45 -0.45 0.00	27.33 -0.44 0.00	28.71 -0.44 0.00	32.87 -0.50 0.00	41.90 -0.64 0.00	43.61 -0.71 0.00	37.34 -0.80 0.00	27.07 -0.72 -0.05	25.47 -0.63 0.00	23.98 -0.51 0.00	23.03 -0.49 0.00	23.23 -0.50 0.00	23.40 -0.48 -0.06	20.73 -0.43 -0.46	20.45 -0.44 -0.68	23.33 -0.46 -0.90	33.61 -0.57 -0.53	37.43 -0.56 -0.62	37.13 -0.56 -0.68	33.47 -0.50 -0.47	29.05 -0.43 -0.51	30.00 -0.52 -0.04
LINDEN COGEN____ 23786	34.20 2.30 0.00	31.42 2.08 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.10 1.95 0.00	35.70 2.33 0.00	45.94 3.40 0.00	48.39 4.07 0.00	45.02 3.51 -3.38	49.74 2.58 -19.42	39.21 2.35 -10.77	38.67 2.16 -12.02	38.67 2.05 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.68 2.06 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.54 3.15 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
LINDHRST_69_KV_BK1 356055	34.39 2.49 0.00	31.60 2.26 0.00	30.19 2.29 0.00	30.05 2.28 0.00	31.33 2.19 0.00	35.84 2.47 0.00	46.32 3.79 0.00	48.93 4.61 0.00	42.45 4.12 -0.19	32.55 3.02 -1.79	29.42 2.71 -0.62	27.71 2.52 -0.69	26.60 2.33 -0.75	26.81 2.35 -0.74	27.73 2.33 -1.58	30.07 2.05 -7.32	32.63 2.06 -10.34	39.31 2.38 -14.06	45.53 3.77 -8.10	50.66 4.11 -9.19	51.08 4.03 -10.05	44.26 3.85 -6.91	39.77 3.27 -7.52	34.18 3.14 -0.56
LIPA_MISC_IPP 23656	33.94 2.04 0.00	31.28 1.94 0.00	30.02 2.12 0.00	29.91 2.14 0.00	31.15 2.01 0.00	35.50 2.14 0.00	46.28 3.74 0.00	48.88 4.56 0.00	41.81 3.51 -0.16	32.09 2.69 -1.66	28.93 2.30 -0.54	27.28 2.18 -0.60	26.06 1.88 -0.66	26.27 1.90 -0.65	27.07 1.76 -1.49	29.55 1.59 -7.25	32.17 1.66 -10.29	38.76 1.92 -13.96	45.32 3.60 -8.06	50.51 3.96 -9.18	50.94 3.89 -10.05	44.29 3.89 -6.90	39.74 3.25 -7.52	33.88 2.83 -0.56
LISF__SOLAR 323691	33.98 2.07 0.00	31.28 1.94 0.00	30.16 2.26 0.00	29.96 2.19 0.00	31.18 2.04 0.00	36.00 2.64 0.00	46.23 3.70 0.00	48.97 4.65 0.00	41.81 3.51 -0.16	32.12 2.72 -1.66	29.06 2.43 -0.54	27.30 2.21 -0.60	26.07 1.88 -0.66	26.27 1.90 -0.65	27.07 1.76 -1.49	29.55 1.59 -7.25	32.19 1.68 -10.29	38.78 1.94 -13.96	45.42 3.70 -8.06	50.62 4.07 -9.18	51.01 3.96 -10.05	44.36 3.95 -6.90	39.83 3.33 -7.52	34.09 3.05 -0.56

LITTLE FALLS___HYD 24013	33.15 1.24 0.00	30.45 1.11 0.00	29.02 1.12 0.00	28.91 1.14 0.00	30.28 1.14 0.00	34.63 1.27 0.00	43.98 1.45 0.00	45.56 1.24 0.00	38.98 0.84 0.00	28.21 0.47 0.00	26.59 0.50 0.00	25.01 0.51 0.00	23.95 0.42 0.00	24.13 0.40 0.00	24.15 0.33 0.00	20.97 0.27 0.00	20.53 0.30 0.00	23.11 0.23 0.00	34.03 0.37 0.00	37.81 0.45 0.00	37.45 0.44 0.00	33.90 0.40 0.00	29.26 0.29 0.00	30.79 0.30 0.00
LITTLRIV_115KV_TB1 356100	31.74 -0.16 0.00	29.31 -0.03 0.00	27.76 -0.14 0.00	27.72 -0.06 0.00	29.09 -0.06 0.00	33.27 -0.10 0.00	42.28 -0.26 0.00	43.70 -0.62 0.00	37.38 -0.76 0.00	26.96 -0.78 0.00	25.36 -0.73 0.00	23.76 -0.73 0.00	22.84 -0.68 0.00	23.06 -0.66 0.00	23.20 -0.62 0.00	20.14 -0.56 0.00	19.68 -0.55 0.00	22.35 -0.53 0.00	32.92 -0.74 0.00	36.54 -0.82 0.00	36.19 -0.81 0.00	32.73 -0.77 0.00	28.31 -0.67 0.00	29.78 -0.70 0.00
LI_NEWBRDGE___DRP 323616	34.01 2.11 0.00	31.25 1.91 0.00	29.85 1.95 0.00	29.72 1.94 0.00	31.01 1.87 0.00	35.47 2.10 0.00	45.72 3.19 0.00	48.22 3.90 0.00	42.03 3.74 -0.15	32.04 2.72 -1.58	29.07 2.48 -0.50	27.35 2.30 -0.56	26.29 2.16 -0.61	26.48 2.16 -0.60	27.43 2.17 -1.44	29.80 1.88 -7.21	32.35 1.86 -10.26	38.91 2.13 -13.91	44.92 3.23 -8.04	50.02 3.48 -9.18	50.45 3.40 -10.05	43.69 3.28 -6.90	39.31 2.81 -7.52	33.78 2.74 -0.56
LOCKPORT_115KV_TB60_63_64 80432	29.45 -2.46 0.00	26.88 -2.46 0.00	25.53 -2.37 0.00	25.08 -2.69 0.00	26.55 -2.59 0.00	30.43 -2.94 0.00	38.11 -4.42 0.00	39.57 -4.74 0.00	34.56 -3.59 0.00	25.29 -2.55 -0.10	23.90 -2.19 0.00	22.70 -1.79 0.00	21.85 -1.67 0.00	21.92 -1.80 0.00	22.01 -1.93 -0.13	20.02 -1.64 -0.95	19.98 -1.64 -1.39	22.46 -2.29 -1.86	31.52 -3.23 -1.09	35.14 -3.51 -1.29	35.08 -3.33 -1.41	31.65 -2.81 -0.97	27.65 -2.38 -1.05	28.09 -2.47 -0.08
LOCKPORT___CC1 323769	29.45 -2.46 0.00	26.88 -2.46 0.00	25.50 -2.40 0.00	25.08 -2.69 0.00	26.55 -2.59 0.00	30.46 -2.90 0.00	38.07 -4.47 0.00	39.53 -4.79 0.00	34.55 -3.59 0.00	25.29 -2.55 -0.10	23.87 -2.22 0.00	22.71 -1.79 0.00	21.85 -1.67 0.00	21.92 -1.80 0.00	22.01 -1.93 -0.13	20.03 -1.64 -0.96	20.01 -1.62 -1.40	22.47 -2.29 -1.88	31.56 -3.20 -1.10	35.19 -3.47 -1.29	35.09 -3.33 -1.42	31.66 -2.81 -0.97	27.60 -2.43 -1.06	28.06 -2.50 -0.08
LOCKPORT___CC2 323770	29.45 -2.46 0.00	26.88 -2.46 0.00	25.50 -2.40 0.00	25.08 -2.69 0.00	26.55 -2.59 0.00	30.46 -2.90 0.00	38.07 -4.47 0.00	39.53 -4.79 0.00	34.55 -3.59 0.00	25.29 -2.55 -0.10	23.87 -2.22 0.00	22.71 -1.79 0.00	21.85 -1.67 0.00	21.92 -1.80 0.00	22.01 -1.93 -0.13	20.03 -1.64 -0.96	20.01 -1.62 -1.40	22.47 -2.29 -1.88	31.56 -3.20 -1.10	35.19 -3.47 -1.29	35.09 -3.33 -1.42	31.66 -2.81 -0.97	27.60 -2.43 -1.06	28.06 -2.50 -0.08
LOCKPORT___CC3 323771	29.45 -2.46 0.00	26.88 -2.46 0.00	25.50 -2.40 0.00	25.08 -2.69 0.00	26.55 -2.59 0.00	30.46 -2.90 0.00	38.07 -4.47 0.00	39.53 -4.79 0.00	34.55 -3.59 0.00	25.29 -2.55 -0.10	23.87 -2.22 0.00	22.71 -1.79 0.00	21.85 -1.67 0.00	21.92 -1.80 0.00	22.01 -1.93 -0.13	20.03 -1.64 -0.96	20.01 -1.62 -1.40	22.47 -2.29 -1.88	31.56 -3.20 -1.10	35.19 -3.47 -1.29	35.09 -3.33 -1.42	31.66 -2.81 -0.97	27.60 -2.43 -1.06	28.06 -2.50 -0.08
LONG_LAKE_PHOENIX 24014	31.23 -0.67 0.00	28.69 -0.65 0.00	27.29 -0.61 0.00	27.13 -0.64 0.00	28.50 -0.64 0.00	32.63 -0.73 0.00	41.68 -0.85 0.00	43.43 -0.89 0.00	37.34 -0.80 0.00	27.21 -0.58 -0.05	25.62 -0.47 0.00	24.08 -0.42 0.00	23.12 -0.40 0.00	23.32 -0.40 0.00	23.45 -0.43 -0.07	20.86 -0.35 -0.51	20.60 -0.36 -0.74	23.48 -0.39 -0.99	33.63 -0.61 -0.58	37.42 -0.64 -0.69	37.09 -0.67 -0.75	33.41 -0.60 -0.52	28.99 -0.55 -0.56	29.94 -0.58 -0.04
LOVETT___3 23632	33.59 1.69 0.00	30.90 1.56 0.00	29.41 1.51 0.00	29.30 1.53 0.00	30.66 1.52 0.00	35.13 1.77 0.00	45.09 2.55 0.00	47.64 3.32 0.00	41.00 2.86 0.00	30.51 2.08 -0.69	27.97 1.88 0.00	26.21 1.71 0.00	25.15 1.62 0.00	25.34 1.61 0.00	26.30 1.62 -0.87	28.70 1.43 -6.56	31.27 1.44 -9.61	37.38 1.65 -12.85	43.73 2.56 -7.52	49.16 2.91 -8.88	49.61 2.89 -9.72	42.75 2.58 -6.67	38.45 2.20 -7.27	33.28 2.26 -0.54
LOVETT___4 23642	33.59 1.69 0.00	30.90 1.56 0.00	29.41 1.51 0.00	29.30 1.53 0.00	30.66 1.52 0.00	35.13 1.77 0.00	45.09 2.55 0.00	47.64 3.32 0.00	41.00 2.86 0.00	30.51 2.08 -0.69	27.97 1.88 0.00	26.21 1.71 0.00	25.15 1.62 0.00	25.34 1.61 0.00	26.30 1.62 -0.87	28.70 1.43 -6.56	31.27 1.44 -9.61	37.38 1.65 -12.85	43.73 2.56 -7.52	49.16 2.91 -8.88	49.61 2.89 -9.72	42.75 2.58 -6.67	38.45 2.20 -7.27	33.28 2.26 -0.54
LOVETT___5 23593	33.59 1.69 0.00	30.90 1.56 0.00	29.41 1.51 0.00	29.30 1.53 0.00	30.66 1.52 0.00	35.13 1.77 0.00	45.09 2.55 0.00	47.64 3.32 0.00	41.00 2.86 0.00	30.51 2.08 -0.69	27.97 1.88 0.00	26.21 1.71 0.00	25.15 1.62 0.00	25.34 1.61 0.00	26.30 1.62 -0.87	28.70 1.43 -6.56	31.27 1.44 -9.61	37.38 1.65 -12.85	43.73 2.56 -7.52	49.16 2.91 -8.88	49.61 2.89 -9.72	42.75 2.58 -6.67	38.45 2.20 -7.27	33.28 2.26 -0.54
LOWER RAQUET___HYD 24057	31.23 -0.67 0.00	28.87 -0.47 0.00	27.34 -0.56 0.00	27.27 -0.50 0.00	28.65 -0.50 0.00	32.73 -0.63 0.00	41.60 -0.94 0.00	43.08 -1.24 0.00	36.88 -1.26 0.00	26.68 -1.05 0.00	25.13 -0.96 0.00	23.54 -0.96 0.00	22.63 -0.89 0.00	22.82 -0.90 0.00	22.93 -0.88 0.00	19.92 -0.79 0.00	19.45 -0.77 0.00	22.03 -0.85 0.00	32.38 -1.28 0.00	35.95 -1.42 0.00	35.60 -1.41 0.00	32.19 -1.31 0.00	27.84 -1.13 0.00	29.32 -1.16 0.00
LOWER___HUDSON 24059	33.18 1.28 0.00	30.45 1.11 0.00	28.99 1.09 0.00	28.88 1.11 0.00	30.40 1.25 0.00	34.80 1.43 0.00	44.58 2.04 0.00	46.58 2.26 0.00	39.93 1.79 0.00	29.90 1.30 -0.86	27.21 1.12 0.00	25.47 0.98 0.00	24.47 0.94 0.00	24.74 1.02 0.00	25.94 1.05 -1.08	29.82 0.95 -8.16	33.11 0.93 -11.95	39.87 0.98 -16.01	44.60 1.58 -9.36	50.21 1.79 -11.05	50.88 1.78 -12.10	43.38 1.57 -8.31	39.39 1.36 -9.05	32.59 1.43 -0.67
LOWVILLE_115KV_TB2 356335	32.09 0.19 0.00	29.55 0.21 0.00	28.07 0.17 0.00	28.02 0.25 0.00	29.44 0.29 0.00	33.77 0.40 0.00	43.09 0.55 0.00	44.76 0.44 0.00	37.80 -0.34 0.00	27.13 -0.64 -0.02	25.44 -0.65 0.00	23.90 -0.59 0.00	22.94 -0.59 0.00	23.20 -0.52 0.00	23.37 -0.48 -0.03	20.51 -0.43 -0.24	20.18 -0.38 -0.35	23.05 -0.30 -0.46	33.69 -0.24 -0.27	37.54 -0.15 -0.32	37.21 -0.15 -0.35	33.54 -0.20 -0.24	28.95 -0.29 -0.26	30.14 -0.37 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	33.66 1.75 0.00	30.90 1.56 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.92 1.78 0.00	35.50 2.14 0.00	45.34 2.81 0.00	47.29 2.97 0.00	40.50 2.36 0.00	30.22 1.61 -0.87	27.50 1.41 0.00	25.64 1.15 0.00	24.68 1.15 0.00	24.98 1.26 0.00	26.19 1.29 -1.09	30.24 1.28 -8.25	33.56 1.25 -12.09	40.22 1.19 -16.15	45.02 1.92 -9.44	50.69 2.17 -11.15	51.40 2.18 -12.22	43.80 1.91 -8.39	39.73 1.62 -9.14	32.84 1.68 -0.68

LUTHERNY_35_KV_BK2 355980	33.66 1.75 0.00	30.92 1.58 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.92 1.78 0.00	35.53 2.17 0.00	45.38 2.85 0.00	47.33 3.01 0.00	40.54 2.40 0.00	30.22 1.61 -0.87	27.50 1.41 0.00	25.67 1.18 0.00	24.68 1.15 0.00	24.98 1.26 0.00	26.21 1.31 -1.09	30.24 1.28 -8.25	33.58 1.27 -12.09	40.22 1.19 -16.15	45.02 1.92 -9.44	50.72 2.20 -11.15	51.44 2.22 -12.22	43.80 1.91 -8.39	39.73 1.62 -9.14	32.87 1.71 -0.68
LWR___OSWEGATCHIE_HYD 23850	31.49 -0.41 0.00	29.02 -0.32 0.00	27.54 -0.36 0.00	27.49 -0.28 0.00	28.85 -0.29 0.00	33.07 -0.30 0.00	42.11 -0.43 0.00	43.65 -0.66 0.00	37.15 -0.99 0.00	26.76 -1.00 -0.02	25.15 -0.94 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.89 -0.83 0.00	23.05 -0.79 -0.02	20.17 -0.70 -0.17	19.79 -0.69 -0.26	22.53 -0.69 -0.34	32.95 -0.91 -0.20	36.67 -0.93 -0.24	36.34 -0.93 -0.26	32.77 -0.90 -0.18	28.36 -0.81 -0.19	29.58 -0.91 -0.01
LYONS_FALL_HYD 23570	32.25 0.35 0.00	29.66 0.32 0.00	28.18 0.28 0.00	28.13 0.36 0.00	29.52 0.38 0.00	33.87 0.50 0.00	43.26 0.72 0.00	44.98 0.67 0.00	38.22 0.08 0.00	27.51 -0.25 -0.02	25.83 -0.26 0.00	24.27 -0.22 0.00	23.29 -0.24 0.00	23.53 -0.19 0.00	23.70 -0.14 -0.03	20.79 -0.14 -0.23	20.45 -0.10 -0.33	23.30 -0.02 -0.44	34.05 0.14 -0.26	37.90 0.23 -0.30	37.56 0.22 -0.33	33.86 0.13 -0.23	29.25 0.03 -0.25	30.47 -0.03 -0.02
MADISON___COUNTY_LFGE 323628	32.60 0.70 0.00	29.93 0.59 0.00	28.43 0.53 0.00	28.33 0.56 0.00	29.76 0.61 0.00	34.13 0.77 0.00	43.64 1.11 0.00	45.42 1.11 0.00	38.90 0.76 0.00	28.08 0.31 -0.04	26.38 0.29 0.00	24.79 0.29 0.00	23.81 0.28 0.00	24.06 0.33 0.00	24.20 0.33 -0.05	21.37 0.29 -0.38	21.10 0.32 -0.55	24.03 0.41 -0.74	34.83 0.74 -0.43	38.77 0.90 -0.51	38.45 0.89 -0.56	34.62 0.74 -0.39	29.97 0.58 -0.42	31.06 0.55 -0.03
MALONE___115KV_TB1 356076	31.87 -0.03 0.00	29.52 0.18 0.00	27.98 0.08 0.00	27.91 0.14 0.00	29.35 0.20 0.00	33.57 0.20 0.00	42.66 0.13 0.00	44.18 -0.13 0.00	37.95 -0.19 0.00	27.52 -0.22 0.00	25.96 -0.13 0.00	24.27 -0.22 0.00	23.34 -0.19 0.00	23.49 -0.24 0.00	23.48 -0.33 0.00	20.33 -0.37 0.00	19.78 -0.44 0.00	22.38 -0.50 0.00	32.75 -0.91 0.00	36.28 -1.08 0.00	35.89 -1.11 0.00	32.39 -1.11 0.00	28.02 -0.96 0.00	29.48 -1.01 0.00
MAPLEWOD_115KV_TB3 80458	33.02 1.12 0.00	30.34 1.00 0.00	28.85 0.95 0.00	28.74 0.97 0.00	30.19 1.05 0.00	34.57 1.20 0.00	44.15 1.62 0.00	46.18 1.86 0.00	39.74 1.60 0.00	29.78 1.19 -0.85	27.14 1.04 0.00	25.45 0.96 0.00	24.44 0.92 0.00	24.70 0.97 0.00	25.86 0.98 -1.07	29.64 0.85 -8.09	32.89 0.83 -11.84	39.62 0.92 -15.82	44.36 1.45 -9.25	49.90 1.61 -10.93	50.56 1.59 -11.97	43.12 1.41 -8.22	39.17 1.25 -8.95	32.46 1.31 -0.67
MAPLE_RIDGE_WT_1 323574	31.58 -0.32 0.00	29.10 -0.24 0.00	27.68 -0.22 0.00	27.55 -0.22 0.00	28.85 -0.29 0.00	32.90 -0.47 0.00	41.68 -0.85 0.00	43.25 -1.06 0.00	37.19 -0.95 0.00	27.05 -0.69 0.00	25.44 -0.65 0.00	23.83 -0.66 0.00	22.87 -0.66 0.00	23.03 -0.69 0.00	23.10 -0.71 0.00	20.08 -0.62 0.00	19.60 -0.63 0.00	22.19 -0.69 0.00	32.61 -1.04 0.00	36.17 -1.20 0.00	35.82 -1.19 0.00	32.40 -1.10 0.00	28.02 -0.96 0.00	29.48 -1.01 0.00
MAPLE_RIDGE_WT_2 323611	31.58 -0.32 0.00	29.10 -0.24 0.00	27.68 -0.22 0.00	27.55 -0.22 0.00	28.85 -0.29 0.00	32.90 -0.47 0.00	41.68 -0.85 0.00	43.25 -1.06 0.00	37.19 -0.95 0.00	27.05 -0.69 0.00	25.44 -0.65 0.00	23.83 -0.66 0.00	22.87 -0.66 0.00	23.03 -0.69 0.00	23.10 -0.71 0.00	20.08 -0.62 0.00	19.60 -0.63 0.00	22.19 -0.69 0.00	32.61 -1.04 0.00	36.17 -1.20 0.00	35.82 -1.19 0.00	32.40 -1.10 0.00	28.02 -0.96 0.00	29.48 -1.01 0.00
MARBLE_RIVER_WT_PWR 323696	31.74 -0.16 0.00	29.40 0.06 0.00	27.90 0.00 0.00	27.86 0.08 0.00	29.29 0.15 0.00	33.50 0.13 0.00	42.58 0.04 0.00	44.14 -0.18 0.00	37.95 -0.19 0.00	27.57 -0.17 0.00	25.99 -0.10 0.00	24.30 -0.20 0.00	23.33 -0.19 0.00	23.49 -0.24 0.00	23.48 -0.33 0.00	20.27 -0.44 0.00	19.72 -0.50 0.00	22.26 -0.62 0.00	32.55 -1.11 0.00	36.02 -1.34 0.00	35.64 -1.37 0.00	32.16 -1.34 0.00	27.81 -1.16 0.00	29.29 -1.19 0.00
MARSHVLE_115KV_TB1 80742	33.91 2.01 0.00	31.16 1.82 0.00	29.55 1.65 0.00	29.47 1.69 0.00	30.98 1.84 0.00	35.67 2.30 0.00	45.38 2.85 0.00	46.84 2.53 0.00	39.82 1.68 0.00	29.48 0.75 -0.99	26.74 0.65 0.00	25.06 0.56 0.00	24.14 0.61 0.00	24.53 0.81 0.00	25.81 0.76 -1.24	30.81 0.72 -9.38	34.67 0.71 -13.74	42.21 0.96 -18.37	46.28 1.88 -10.74	52.48 2.43 -12.69	53.42 2.52 -13.89	45.42 2.38 -9.54	41.31 1.94 -10.39	33.21 1.95 -0.77
MARSH_HILL_WT_PWR 323713	31.01 -0.89 0.00	28.26 -1.08 0.00	26.70 -1.20 0.00	26.30 -1.47 0.00	27.57 -1.57 0.00	31.56 -1.80 0.00	39.86 -2.68 0.00	41.21 -3.10 0.00	35.47 -2.67 0.00	25.71 -2.16 -0.14	24.16 -1.93 0.00	22.75 -1.74 0.00	21.85 -1.67 0.00	21.80 -1.92 0.00	21.80 -2.19 -0.17	20.13 -1.88 -1.31	20.34 -1.80 -1.92	23.30 -2.15 -2.57	32.37 -2.79 -1.50	36.37 -2.76 -1.77	36.21 -2.74 -1.94	32.25 -2.58 -1.33	28.08 -2.35 -1.45	28.43 -2.16 -0.11
MCINTYRE_115KV_TB2 80467	32.09 0.19 0.00	29.63 0.29 0.00	28.07 0.17 0.00	27.99 0.22 0.00	29.41 0.26 0.00	33.63 0.27 0.00	42.70 0.17 0.00	44.14 -0.18 0.00	37.72 -0.42 0.00	27.21 -0.53 0.00	25.57 -0.52 0.00	23.95 -0.54 0.00	23.03 -0.49 0.00	23.23 -0.50 0.00	23.36 -0.45 0.00	20.31 -0.39 0.00	19.86 -0.36 0.00	22.56 -0.32 0.00	33.25 -0.40 0.00	36.99 -0.37 0.00	36.63 -0.37 0.00	33.13 -0.37 0.00	28.66 -0.32 0.00	30.18 -0.30 0.00
MECO_____69_KV_BK1 80468	34.46 2.55 0.00	31.63 2.29 0.00	30.02 2.12 0.00	29.91 2.14 0.00	31.48 2.33 0.00	36.27 2.90 0.00	46.15 3.62 0.00	47.68 3.37 0.00	40.62 2.48 0.00	30.05 1.36 -0.95	27.27 1.17 0.00	25.47 0.98 0.00	24.54 1.01 0.00	24.91 1.19 0.00	26.15 1.14 -1.19	30.85 1.10 -9.05	34.61 1.13 -13.26	42.07 1.46 -17.72	46.64 2.63 -10.36	52.78 3.18 -12.24	53.66 3.26 -13.40	45.58 2.88 -9.20	41.37 2.38 -10.02	33.64 2.41 -0.74
MENANDS___115KV_TB5 355628	32.89 0.99 0.00	30.22 0.88 0.00	28.77 0.86 0.00	28.66 0.89 0.00	30.11 0.96 0.00	34.43 1.07 0.00	43.98 1.45 0.00	46.00 1.68 0.00	39.59 1.45 0.00	29.70 1.11 -0.85	27.06 0.97 0.00	25.40 0.91 0.00	24.39 0.87 0.00	24.62 0.90 0.00	25.78 0.90 -1.06	29.56 0.79 -8.07	32.81 0.77 -11.82	39.52 0.85 -15.79	44.20 1.31 -9.23	49.73 1.46 -10.90	50.39 1.44 -11.94	42.97 1.27 -8.20	39.04 1.13 -8.93	32.37 1.22 -0.67
MG INDUSTRY___DRP 24185	32.86 0.96 0.00	30.22 0.88 0.00	28.74 0.84 0.00	28.63 0.86 0.00	30.05 0.90 0.00	34.40 1.03 0.00	43.81 1.28 0.00	45.69 1.37 0.00	39.25 1.11 0.00	29.35 0.78 -0.83	26.74 0.65 0.00	25.08 0.59 0.00	24.09 0.56 0.00	24.36 0.64 0.00	25.53 0.67 -1.04	29.16 0.60 -7.85	32.31 0.59 -11.50	39.04 0.66 -15.49	43.79 1.08 -9.06	49.26 1.20 -10.70	49.91 1.18 -11.72	42.62 1.07 -8.05	38.70 0.96 -8.76	32.17 1.04 -0.65

MID___OSWEGATCHIE_HYD 23849	31.49 -0.41 0.00	29.02 -0.32 0.00	27.54 -0.36 0.00	27.49 -0.28 0.00	28.85 -0.29 0.00	33.07 -0.30 0.00	42.11 -0.43 0.00	43.65 -0.66 0.00	37.15 -0.99 0.00	26.76 -1.00 -0.02	25.15 -0.94 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.89 -0.83 0.00	23.05 -0.79 -0.02	20.17 -0.70 -0.17	19.79 -0.69 -0.26	22.53 -0.69 -0.34	32.95 -0.91 -0.20	36.67 -0.93 -0.24	36.34 -0.93 -0.26	32.77 -0.90 -0.18	28.36 -0.81 -0.19	29.58 -0.91 -0.01
MID___RAQUETTE_HYD 23851	31.23 -0.67 0.00	28.87 -0.47 0.00	27.34 -0.56 0.00	27.27 -0.50 0.00	28.65 -0.50 0.00	32.73 -0.63 0.00	41.60 -0.94 0.00	43.08 -1.24 0.00	36.88 -1.26 0.00	26.68 -1.05 0.00	25.13 -0.97 0.00	23.54 -0.96 0.00	22.63 -0.89 0.00	22.82 -0.90 0.00	22.93 -0.88 0.00	19.92 -0.79 0.00	19.45 -0.77 0.00	22.03 -0.85 0.00	32.38 -1.28 0.00	35.95 -1.42 0.00	35.60 -1.41 0.00	32.19 -1.31 0.00	27.84 -1.13 0.00	29.32 -1.16 0.00
MILLIKEN___1 23584	32.22 0.32 0.00	29.57 0.23 0.00	28.12 0.22 0.00	27.94 0.17 0.00	29.38 0.23 0.00	33.70 0.33 0.00	43.04 0.51 0.00	44.80 0.49 0.00	38.45 0.31 0.00	27.93 0.06 -0.13	26.20 0.10 0.00	24.64 0.15 0.00	23.66 0.14 0.00	23.82 0.09 0.00	24.03 0.05 -0.17	22.04 0.06 -1.28	22.20 0.10 -1.87	25.52 0.14 -2.50	35.46 0.34 -1.46	39.58 0.49 -1.73	39.34 0.44 -1.89	35.13 0.34 -1.30	30.62 0.23 -1.42	30.83 0.24 -0.11
MILLIKEN___2 23585	32.22 0.32 0.00	29.57 0.23 0.00	28.12 0.22 0.00	27.94 0.17 0.00	29.38 0.23 0.00	33.70 0.33 0.00	43.04 0.51 0.00	44.80 0.49 0.00	38.45 0.31 0.00	27.93 0.06 -0.13	26.20 0.10 0.00	24.64 0.15 0.00	23.66 0.14 0.00	23.82 0.09 0.00	24.03 0.05 -0.17	22.04 0.06 -1.28	22.20 0.10 -1.87	25.52 0.14 -2.50	35.46 0.34 -1.46	39.58 0.49 -1.73	39.34 0.44 -1.89	35.13 0.34 -1.30	30.62 0.23 -1.42	30.83 0.24 -0.11
MILLIKEN___DIESEL 23629	32.22 0.32 0.00	29.57 0.23 0.00	28.12 0.22 0.00	27.94 0.17 0.00	29.38 0.23 0.00	33.70 0.33 0.00	43.04 0.51 0.00	44.80 0.49 0.00	38.45 0.31 0.00	27.93 0.06 -0.13	26.20 0.10 0.00	24.64 0.15 0.00	23.66 0.14 0.00	23.82 0.09 0.00	24.03 0.05 -0.17	22.04 0.06 -1.28	22.20 0.10 -1.87	25.52 0.14 -2.50	35.46 0.34 -1.46	39.58 0.49 -1.73	39.34 0.44 -1.89	35.13 0.34 -1.30	30.62 0.23 -1.42	30.83 0.24 -0.11
MILLSEAT___LFGE 323607	30.02 -1.88 0.00	27.43 -1.91 0.00	26.00 -1.90 0.00	25.66 -2.11 0.00	27.13 -2.01 0.00	31.16 -2.20 0.00	39.00 -3.53 0.00	40.73 -3.59 0.00	35.51 -2.63 0.00	25.87 -1.97 -0.10	24.40 -1.70 0.00	23.12 -1.37 0.00	22.28 -1.25 0.00	22.35 -1.38 0.00	22.42 -1.52 -0.12	20.41 -1.24 -0.94	20.31 -1.29 -1.38	22.92 -1.81 -1.85	32.25 -2.49 -1.08	35.99 -2.65 -1.28	35.96 -2.44 -1.40	32.38 -2.08 -0.96	28.19 -1.82 -1.04	28.64 -1.92 -0.08
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.79 1.88 0.00	31.07 1.73 0.00	29.60 1.70 0.00	29.47 1.69 0.00	30.83 1.69 0.00	35.33 1.97 0.00	45.38 2.85 0.00	47.86 3.55 0.00	41.29 3.05 -0.10	31.24 2.22 -1.28	28.40 1.98 -0.33	26.67 1.81 -0.37	25.66 1.74 -0.40	25.85 1.73 -0.39	26.81 1.74 -1.25	29.28 1.53 -7.04	31.88 1.54 -10.12	38.29 1.76 -13.65	44.34 2.76 -7.92	49.58 3.06 -9.15	50.09 3.07 -10.01	43.09 2.71 -6.87	38.78 2.32 -7.49	33.45 2.41 -0.56
MILLWOOD_13_KV_LOAD 356217	33.85 1.95 0.00	31.13 1.79 0.00	29.66 1.76 0.00	29.52 1.75 0.00	30.89 1.75 0.00	35.40 2.04 0.00	45.51 2.98 0.00	47.99 3.68 0.00	41.37 3.13 -0.10	31.29 2.27 -1.28	28.46 2.04 -0.33	26.72 1.86 -0.37	25.69 1.76 -0.40	25.87 1.76 -0.39	26.85 1.79 -1.25	29.32 1.57 -7.04	31.92 1.58 -10.12	38.34 1.81 -13.65	44.41 2.83 -7.92	49.70 3.18 -9.15	50.16 3.15 -10.01	43.15 2.78 -6.87	38.84 2.38 -7.49	33.51 2.47 -0.56
MODEL_CITY_ENERGY 24167	29.13 -2.78 0.00	26.58 -2.76 0.00	25.22 -2.68 0.00	24.80 -2.97 0.00	26.29 -2.85 0.00	30.13 -3.24 0.00	37.64 -4.89 0.00	39.09 -5.23 0.00	34.17 -3.97 0.00	25.01 -2.83 -0.10	23.64 -2.45 0.00	22.48 -2.01 0.00	21.64 -1.88 0.00	21.71 -2.02 0.00	21.80 -2.14 -0.13	19.87 -1.80 -0.96	19.84 -1.80 -1.41	22.25 -2.52 -1.89	31.23 -3.53 -1.11	34.82 -3.85 -1.30	34.73 -3.70 -1.43	31.37 -3.11 -0.98	27.32 -2.72 -1.07	27.79 -2.77 -0.08
MODERN_LFGE___ 323580	29.13 -2.78 0.00	26.58 -2.76 0.00	25.22 -2.68 0.00	24.80 -2.97 0.00	26.29 -2.85 0.00	30.13 -3.24 0.00	37.64 -4.89 0.00	39.09 -5.23 0.00	34.17 -3.97 0.00	25.01 -2.83 -0.10	23.64 -2.45 0.00	22.48 -2.01 0.00	21.64 -1.88 0.00	21.71 -2.02 0.00	21.80 -2.14 -0.13	19.87 -1.80 -0.96	19.84 -1.80 -1.41	22.25 -2.52 -1.89	31.23 -3.53 -1.11	34.82 -3.85 -1.30	34.73 -3.70 -1.43	31.37 -3.11 -0.98	27.32 -2.72 -1.07	27.79 -2.77 -0.08
MOHAWK_PAPER___DRP 24187	33.02 1.12 0.00	30.34 1.00 0.00	28.85 0.95 0.00	28.74 0.97 0.00	30.19 1.05 0.00	34.57 1.20 0.00	44.15 1.62 0.00	46.18 1.86 0.00	39.74 1.60 0.00	29.78 1.19 -0.85	27.14 1.04 0.00	25.45 0.96 0.00	24.44 0.92 0.00	24.70 0.97 0.00	25.86 0.98 -1.07	29.64 0.85 -8.09	32.89 0.83 -11.84	39.62 0.92 -15.82	44.36 1.45 -9.25	49.90 1.61 -10.93	50.56 1.59 -11.97	43.12 1.41 -8.22	39.17 1.25 -8.95	32.46 1.31 -0.67
MOHICAN___35_KV_115KV_LD 80490	33.82 1.91 0.00	31.04 1.70 0.00	29.49 1.59 0.00	29.38 1.61 0.00	31.10 1.95 0.00	35.77 2.40 0.00	45.68 3.15 0.00	47.60 3.28 0.00	40.73 2.59 0.00	30.33 1.72 -0.87	27.58 1.49 0.00	25.67 1.18 0.00	24.70 1.18 0.00	25.03 1.30 0.00	26.24 1.33 -1.09	30.24 1.26 -8.27	33.61 1.27 -12.11	40.40 1.33 -16.19	45.31 2.19 -9.47	51.05 2.50 -11.18	51.80 2.55 -12.25	44.05 2.14 -8.41	39.96 1.83 -9.16	33.02 1.86 -0.68
MONGAUP___HYD 23641	33.40 1.50 0.00	30.78 1.44 0.00	29.24 1.34 0.00	29.13 1.36 0.00	30.51 1.37 0.00	35.00 1.63 0.00	44.87 2.34 0.00	46.75 2.44 0.00	40.51 2.37 0.00	29.96 1.58 -0.64	27.45 1.36 0.00	25.72 1.22 0.00	24.68 1.15 0.00	24.89 1.16 0.00	25.79 1.17 -0.81	27.90 1.08 -6.12	30.30 1.11 -8.97	36.20 1.33 -11.99	42.76 2.09 -7.01	48.22 2.58 -8.28	48.62 2.55 -9.07	41.87 2.15 -6.23	37.61 1.86 -6.78	32.94 1.95 -0.50
MONTAUK___DIESEL 23721	33.91 2.01 0.00	31.48 2.14 0.00	30.36 2.46 0.00	30.35 2.58 0.00	31.71 2.56 0.00	36.34 2.97 0.00	47.43 4.89 0.00	50.21 5.89 0.00	42.73 4.42 -0.16	32.62 3.22 -1.66	29.14 2.50 -0.54	27.23 2.13 -0.60	25.76 1.58 -0.66	25.82 1.45 -0.65	26.50 1.19 -1.49	29.07 1.12 -7.25	31.75 1.23 -10.29	38.35 1.51 -13.96	44.81 3.10 -8.06	50.02 3.48 -9.18	50.42 3.37 -10.05	43.79 3.38 -6.90	39.31 2.81 -7.52	33.60 2.56 -0.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.44 -1.47 0.00	27.67 -1.67 0.00	26.17 -1.73 0.00	25.61 -2.17 0.00	26.90 -2.24 0.00	30.80 -2.57 0.00	38.71 -3.83 0.00	40.33 -3.99 0.00	35.13 -3.01 0.00	25.17 -2.69 -0.12	24.00 -2.09 0.00	22.63 -1.86 0.00	21.78 -1.74 0.00	21.73 -1.99 0.00	21.46 -2.50 -0.15	19.76 -2.07 -1.13	19.97 -1.90 -1.65	22.67 -2.43 -2.21	31.59 -3.37 -1.29	35.41 -3.48 -1.52	35.41 -3.26 -1.66	31.66 -2.98 -1.14	27.61 -2.61 -1.24	27.98 -2.59 -0.09

MORRIS_RIDGE___SOLAR 323848	30.56 -1.34 0.00	27.90 -1.44 0.00	26.42 -1.48 0.00	26.05 -1.72 0.00	27.42 -1.72 0.00	31.40 -1.97 0.00	39.52 -3.02 0.00	40.91 -3.41 0.00	35.32 -2.82 0.00	25.68 -2.19 -0.13	24.16 -1.93 0.00	22.85 -1.64 0.00	21.97 -1.55 0.00	21.94 -1.78 0.00	21.98 -2.00 -0.17	20.27 -1.70 -1.27	20.40 -1.68 -1.85	23.26 -2.10 -2.49	32.35 -2.76 -1.45	36.39 -2.69 -1.71	36.25 -2.63 -1.87	32.37 -2.41 -1.29	28.23 -2.14 -1.40	28.45 -2.13 -0.10
MORTIMER_115KV_TB3 55949	30.60 -1.31 0.00	28.02 -1.32 0.00	26.65 -1.26 0.00	26.36 -1.42 0.00	27.77 -1.37 0.00	31.86 -1.50 0.00	40.24 -2.30 0.00	41.88 -2.44 0.00	36.31 -1.83 0.00	26.60 -1.22 -0.08	25.00 -1.10 0.00	23.66 -0.83 0.00	22.72 -0.80 0.00	22.85 -0.88 0.00	23.06 -0.86 -0.10	20.77 -0.70 -0.77	20.63 -0.73 -1.13	23.52 -0.87 -1.51	33.13 -1.41 -0.88	36.92 -1.49 -1.05	36.78 -1.37 -1.14	33.08 -1.21 -0.79	28.82 -1.01 -0.86	29.39 -1.16 -0.06
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.14 2.23 0.00	31.39 2.05 0.00	29.88 1.98 0.00	29.74 1.97 0.00	31.10 1.95 0.00	35.64 2.27 0.00	45.85 3.32 0.00	48.35 4.03 0.00	39.70 3.47 1.91	20.38 2.52 9.88	22.29 2.30 6.10	19.79 2.11 6.81	18.10 2.00 7.42	18.44 2.02 7.30	20.00 2.02 5.84	23.96 1.78 -1.48	27.84 1.78 -5.84	30.57 2.04 -5.66	41.20 3.13 -4.41	50.60 3.48 -9.76	50.53 3.48 -10.04	43.51 3.12 -6.90	39.15 2.67 -7.51	33.78 2.74 -0.56
MUNSVILLE_WIND_PWR 323609	34.01 2.11 0.00	31.19 1.85 0.00	29.55 1.65 0.00	29.44 1.67 0.00	30.92 1.78 0.00	35.60 2.24 0.00	45.55 3.02 0.00	47.24 2.92 0.00	40.24 2.10 0.00	28.72 0.78 -0.21	26.74 0.65 0.00	25.18 0.68 0.00	24.09 0.56 0.00	24.34 0.62 0.00	24.74 0.67 -0.26	23.28 0.60 -1.97	23.82 0.71 -2.89	27.63 0.89 -3.86	37.67 1.75 -2.26	42.16 2.13 -2.67	41.92 2.00 -2.92	37.18 1.67 -2.01	32.46 1.31 -2.18	31.95 1.31 -0.16
N SALMON___HYD 24042	31.87 -0.03 0.00	29.52 0.18 0.00	27.99 0.08 0.00	27.91 0.14 0.00	29.35 0.21 0.00	33.57 0.20 0.00	42.66 0.13 0.00	44.18 -0.13 0.00	37.95 -0.19 0.00	27.52 -0.22 0.00	25.96 -0.13 0.00	24.27 -0.22 0.00	23.33 -0.19 0.00	23.49 -0.24 0.00	23.48 -0.33 0.00	20.33 -0.37 0.00	19.78 -0.44 0.00	22.38 -0.50 0.00	32.75 -0.91 0.00	36.28 -1.08 0.00	35.90 -1.11 0.00	32.40 -1.10 0.00	28.02 -0.96 0.00	29.48 -1.01 0.00
N.AKRON__115KV_KNAPP 355671	29.99 -1.91 0.00	27.37 -1.97 0.00	26.00 -1.90 0.00	25.61 -2.17 0.00	27.07 -2.07 0.00	31.03 -2.34 0.00	38.96 -3.57 0.00	40.64 -3.68 0.00	35.43 -2.71 0.00	25.81 -2.02 -0.10	24.37 -1.72 0.00	23.10 -1.40 0.00	22.23 -1.29 0.00	22.32 -1.40 0.00	22.39 -1.55 -0.12	20.36 -1.28 -0.94	20.29 -1.31 -1.38	22.88 -1.85 -1.85	32.18 -2.56 -1.08	35.91 -2.73 -1.28	35.89 -2.52 -1.40	32.32 -2.14 -0.96	28.19 -1.83 -1.05	28.61 -1.95 -0.08
N.BELMOR_69_KV_BK1 55787	34.20 2.30 0.00	31.42 2.08 0.00	29.99 2.09 0.00	29.85 2.08 0.00	31.15 2.01 0.00	35.64 2.27 0.00	45.94 3.40 0.00	48.48 4.17 0.00	42.27 3.89 -0.24	32.66 2.83 -2.10	29.47 2.58 -0.79	27.78 2.40 -0.88	26.75 2.26 -0.96	26.93 2.25 -0.95	27.85 2.26 -1.77	30.16 1.99 -7.47	32.65 1.96 -10.46	39.40 2.24 -14.27	45.29 3.43 -8.20	50.26 3.70 -9.19	50.68 3.63 -10.05	43.86 3.45 -6.91	39.45 2.96 -7.52	33.97 2.93 -0.56
N.E_GEN_SANDY PD 24062	33.31 1.40 0.00	30.57 1.23 0.00	29.13 1.23 0.00	29.02 1.25 0.00	30.46 1.31 0.00	34.80 1.43 0.00	44.66 2.13 0.00	48.37 2.61 -1.44	38.80 2.10 1.44	30.07 1.55 -0.78	27.50 1.41 0.00	25.79 1.30 0.00	24.75 1.22 0.00	25.00 1.28 0.00	26.10 1.31 -0.98	29.22 1.12 -7.40	32.13 1.07 -10.84	38.61 1.23 -14.49	44.08 1.95 -8.47	49.54 2.17 -10.01	50.11 2.15 -10.96	43.00 1.98 -7.52	38.85 1.68 -8.20	32.86 1.77 -0.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.59 1.69 0.00	30.90 1.56 0.00	29.41 1.51 0.00	29.30 1.53 0.00	30.66 1.52 0.00	35.13 1.77 0.00	45.09 2.55 0.00	47.68 3.37 0.00	41.04 2.90 0.00	30.53 2.11 -0.69	27.97 1.88 0.00	26.21 1.71 0.00	25.15 1.62 0.00	25.34 1.61 0.00	26.32 1.64 -0.86	28.67 1.43 -6.54	31.25 1.46 -9.57	37.35 1.67 -12.80	43.73 2.59 -7.48	49.16 2.95 -8.84	49.61 2.92 -9.68	42.73 2.58 -6.65	38.42 2.20 -7.24	33.31 2.29 -0.54
N.QUEENS_27_KV_LOAD 356247	34.24 2.33 -0.01	31.49 2.14 -0.01	29.97 2.06 -0.01	29.81 2.03 -0.01	31.19 2.04 -0.01	35.74 2.37 -0.01	46.03 3.49 -0.01	48.62 4.30 -0.01	45.91 3.66 -4.10	53.88 2.64 -23.51	41.64 2.43 -13.12	41.36 2.23 -14.64	41.59 2.12 -15.95	41.55 2.14 -15.69	41.33 2.14 -15.37	40.77 1.88 -18.18	40.84 1.88 -18.74	54.68 2.13 -29.68	51.92 3.30 -14.96	50.79 3.74 -9.68	50.79 3.74 -10.05	43.65 3.25 -6.90	39.25 2.75 -7.52	33.88 2.83 -0.57
N.TROY___115KV_TB1 355778	33.18 1.28 0.00	30.45 1.11 0.00	28.96 1.06 0.00	28.88 1.11 0.00	30.40 1.25 0.00	34.83 1.47 0.00	44.53 2.00 0.00	46.58 2.26 0.00	39.93 1.79 0.00	29.87 1.28 -0.86	27.21 1.12 0.00	25.47 0.98 0.00	24.46 0.94 0.00	24.74 1.02 0.00	25.94 1.05 -1.08	29.83 0.95 -8.18	33.13 0.93 -11.97	39.87 0.98 -16.00	44.60 1.58 -9.36	50.21 1.79 -11.05	50.88 1.78 -12.10	43.38 1.57 -8.31	39.39 1.36 -9.05	32.59 1.43 -0.67
NARROWS_GT1_1 24228	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT1_2 24229	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT1_3 24230	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT1_4 24231	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04

NARROWS_GT1_5 24232	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT1_6 24233	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT1_7 24234	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT1_8 24235	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_1 24236	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_2 24237	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_3 24238	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_4 24239	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_5 24240	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_6 24241	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_7 24242	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NARROWS_GT2_8 24243	47.42 2.68 -12.84	45.82 2.43 -14.05	35.99 2.37 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.12 2.74 -0.02	46.72 3.74 -0.44	48.85 4.52 -0.01	50.62 3.85 -8.63	54.08 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.24 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.37 3.50 -17.21	50.97 3.92 -9.68	50.94 3.88 -10.05	50.64 3.52 -13.62	47.67 3.04 -15.66	47.60 3.08 -14.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.18 1.28 0.00	30.54 1.20 0.00	29.02 1.12 0.00	28.91 1.14 0.00	30.40 1.25 0.00	34.80 1.43 0.00	44.32 1.79 0.00	46.22 1.91 0.00	39.74 1.60 0.00	29.74 1.19 -0.81	26.95 0.86 0.00	25.25 0.76 0.00	24.28 0.75 0.00	24.55 0.83 0.00	25.71 0.88 -1.01	29.13 0.85 -7.58	32.19 0.87 -11.10	39.02 1.10 -15.04	44.34 1.88 -8.79	49.06 1.31 -10.39	49.75 1.37 -11.38	42.35 1.04 -7.81	38.44 0.96 -8.51	32.15 1.04 -0.63
NCHELSEA_115KV_TR2 355582	33.69 1.79 0.00	31.04 1.70 0.00	29.52 1.62 0.00	29.41 1.64 0.00	30.80 1.66 0.00	35.27 1.90 0.00	45.26 2.72 0.00	47.68 3.37 0.00	41.12 2.97 0.00	30.56 2.11 -0.71	27.94 1.85 0.00	26.18 1.69 0.00	25.15 1.62 0.00	25.34 1.61 0.00	26.37 1.67 -0.89	28.92 1.47 -6.75	31.56 1.46 -9.88	37.77 1.67 -13.22	44.01 2.63 -7.73	49.48 2.99 -9.13	50.00 3.00 -10.00	42.94 2.58 -6.86	38.65 2.20 -7.48	33.35 2.32 -0.55
NEG CAPITAL___MECHNVIL 23645	33.66 1.75 0.00	30.92 1.58 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.89 1.75 0.00	35.47 2.10 0.00	45.34 2.81 0.00	47.29 2.97 0.00	40.54 2.40 0.00	30.24 1.64 -0.87	27.53 1.43 0.00	25.69 1.20 0.00	24.70 1.18 0.00	25.00 1.28 0.00	26.21 1.31 -1.09	30.18 1.28 -8.19	33.47 1.25 -11.99	40.23 1.23 -16.12	45.07 1.99 -9.42	50.77 2.28 -11.12	51.45 2.26 -12.18	43.84 1.98 -8.36	39.77 1.68 -9.11	32.90 1.74 -0.68

NEG CENTRAL_HIGH_ACRES 23767	30.31 -1.59 0.00	27.78 -1.56 0.00	26.39 -1.51 0.00	26.16 -1.61 0.00	27.57 -1.57 0.00	31.63 -1.74 0.00	40.07 -2.47 0.00	41.70 -2.61 0.00	36.08 -2.06 0.00	26.37 -1.44 -0.08	24.81 -1.28 0.00	23.44 -1.05 0.00	22.54 -0.99 0.00	22.68 -1.04 0.00	22.87 -1.05 -0.10	20.56 -0.89 -0.75	20.41 -0.91 -1.10	23.32 -1.03 -1.47	32.87 -1.65 -0.86	36.62 -1.76 -1.01	36.45 -1.66 -1.11	32.76 -1.51 -0.76	28.47 -1.33 -0.83	29.08 -1.46 -0.06
NEG CENTRAL___DRP 24199	31.58 -0.32 0.00	28.96 -0.38 0.00	27.51 -0.39 0.00	27.30 -0.47 0.00	28.74 -0.41 0.00	32.97 -0.40 0.00	42.02 -0.51 0.00	43.74 -0.58 0.00	37.61 -0.53 0.00	27.35 -0.47 -0.09	25.73 -0.37 0.00	24.20 -0.29 0.00	23.24 -0.28 0.00	23.37 -0.36 0.00	23.50 -0.43 -0.11	21.18 -0.35 -0.83	21.11 -0.32 -1.21	24.13 -0.37 -1.62	34.13 -0.47 -0.95	38.07 -0.41 -1.12	37.82 -0.41 -1.22	33.91 -0.44 -0.84	29.48 -0.41 -0.92	30.12 -0.43 -0.07
NEG CENTRAL___INDECK 23768	31.49 -0.42 0.00	28.78 -0.56 0.00	27.29 -0.61 0.00	26.99 -0.78 0.00	28.42 -0.73 0.00	32.63 -0.73 0.00	41.22 -1.32 0.00	42.76 -1.55 0.00	36.77 -1.37 0.00	26.66 -1.19 -0.12	25.00 -1.09 0.00	23.63 -0.86 0.00	22.68 -0.85 0.00	22.73 -1.00 0.00	22.89 -1.07 -0.14	20.95 -0.85 -1.10	21.02 -0.81 -1.60	24.07 -0.96 -2.15	33.80 -1.11 -1.26	37.95 -0.90 -1.48	37.89 -0.74 -1.62	33.88 -0.74 -1.11	29.46 -0.72 -1.21	29.78 -0.79 -0.09
NEG CENTRAL___SENECA 23627	31.58 -0.32 0.00	28.93 -0.41 0.00	27.48 -0.42 0.00	27.24 -0.53 0.00	28.68 -0.47 0.00	32.90 -0.47 0.00	41.90 -0.64 0.00	43.56 -0.75 0.00	37.49 -0.65 0.00	27.22 -0.61 -0.10	25.62 -0.47 0.00	24.13 -0.37 0.00	23.17 -0.35 0.00	23.27 -0.45 0.00	23.39 -0.55 -0.12	21.17 -0.46 -0.92	21.14 -0.42 -1.34	24.17 -0.50 -1.80	34.10 -0.61 -1.05	38.12 -0.49 -1.24	37.84 -0.52 -1.36	33.90 -0.54 -0.93	29.50 -0.49 -1.02	30.04 -0.52 -0.08
NEG CENTRAL___STATE_STREET 24147	31.68 -0.22 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.47 -0.31 0.00	28.88 -0.26 0.00	33.10 -0.27 0.00	42.32 -0.21 0.00	44.09 -0.22 0.00	37.91 -0.23 0.00	27.57 -0.25 -0.09	25.94 -0.16 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.17 -0.11	21.37 -0.14 -0.81	21.26 -0.14 -1.18	24.32 -0.14 -1.58	34.41 -0.17 -0.92	38.35 -0.11 -1.09	38.09 -0.11 -1.20	34.15 -0.17 -0.82	29.69 -0.17 -0.89	30.34 -0.21 -0.07
NEG MILLWOOD___DRP 24198	33.88 1.98 0.00	31.19 1.85 0.00	29.69 1.79 0.00	29.55 1.78 0.00	30.98 1.84 0.00	35.50 2.14 0.00	45.60 3.06 0.00	48.08 3.77 0.00	41.38 3.24 0.00	30.76 2.30 -0.72	28.13 2.04 0.00	26.35 1.86 0.00	25.29 1.76 0.00	25.48 1.76 0.00	26.50 1.79 -0.90	29.08 1.57 -6.80	31.79 1.60 -9.97	38.04 1.83 -13.33	44.31 2.86 -7.79	49.82 3.25 -9.20	50.30 3.22 -10.08	43.23 2.81 -6.92	38.92 2.40 -7.54	33.54 2.50 -0.56
NEG NORTH_FLCN_SEA 23793	32.09 0.19 0.00	29.75 0.41 0.00	28.21 0.31 0.00	28.16 0.39 0.00	29.61 0.47 0.00	33.87 0.50 0.00	43.04 0.51 0.00	44.63 0.31 0.00	38.33 0.19 0.00	27.85 0.11 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.10 0.00	20.50 -0.21 0.00	19.92 -0.30 0.00	22.49 -0.39 0.00	32.92 -0.74 0.00	36.43 -0.93 0.00	36.04 -0.96 0.00	32.53 -0.97 0.00	28.10 -0.87 0.00	29.60 -0.88 0.00
NEG NORTH_KES_CHATEGAY 23792	31.78 -0.13 0.00	29.43 0.09 0.00	27.90 0.00 0.00	27.85 0.08 0.00	29.29 0.15 0.00	33.50 0.13 0.00	42.53 0.00 0.00	44.14 -0.18 0.00	37.91 -0.23 0.00	27.54 -0.19 0.00	25.94 -0.16 0.00	24.25 -0.24 0.00	23.29 -0.24 0.00	23.44 -0.28 0.00	23.41 -0.40 0.00	20.23 -0.48 0.00	19.68 -0.55 0.00	22.24 -0.64 0.00	32.55 -1.11 0.00	36.02 -1.35 0.00	35.64 -1.37 0.00	32.16 -1.34 0.00	27.79 -1.19 0.00	29.26 -1.22 0.00
NEG NORTH___ALICE_FALLS 23915	32.16 0.26 0.00	29.78 0.44 0.00	28.24 0.33 0.00	28.19 0.42 0.00	29.64 0.50 0.00	33.90 0.53 0.00	43.09 0.55 0.00	44.67 0.35 0.00	38.37 0.23 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.10 0.00	20.52 -0.19 0.00	19.94 -0.28 0.00	22.54 -0.34 0.00	32.95 -0.71 0.00	36.51 -0.86 0.00	36.08 -0.93 0.00	32.56 -0.94 0.00	28.13 -0.84 0.00	29.63 -0.85 0.00
NEG NORTH___LWR_SARANAC 23913	32.16 0.26 0.00	29.78 0.44 0.00	28.24 0.33 0.00	28.19 0.42 0.00	29.64 0.50 0.00	33.90 0.53 0.00	43.09 0.55 0.00	44.67 0.35 0.00	38.37 0.23 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.10 0.00	20.52 -0.19 0.00	19.94 -0.28 0.00	22.54 -0.34 0.00	32.95 -0.71 0.00	36.51 -0.86 0.00	36.08 -0.93 0.00	32.56 -0.94 0.00	28.13 -0.84 0.00	29.63 -0.85 0.00
NEG NORTH___PLATTSBURG 23628	32.16 0.25 0.00	29.78 0.44 0.00	28.24 0.34 0.00	28.19 0.42 0.00	29.64 0.49 0.00	33.90 0.53 0.00	43.09 0.55 0.00	44.63 0.31 0.00	38.37 0.23 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.57 0.07 0.00	23.59 0.07 0.00	23.72 0.00 0.00	23.72 -0.09 0.00	20.52 -0.19 0.00	19.94 -0.28 0.00	22.54 -0.34 0.00	32.95 -0.71 0.00	36.51 -0.86 0.00	36.12 -0.89 0.00	32.56 -0.94 0.00	28.13 -0.84 0.00	29.63 -0.85 0.00
NEG WEST_LEA_LOCKPORT 23791	29.45 -2.46 0.00	26.88 -2.46 0.00	25.53 -2.37 0.00	25.11 -2.67 0.00	26.55 -2.59 0.00	30.43 -2.94 0.00	38.11 -4.42 0.00	39.57 -4.74 0.00	34.56 -3.59 0.00	25.29 -2.55 -0.10	23.93 -2.17 0.00	22.70 -1.79 0.00	21.85 -1.67 0.00	21.92 -1.80 0.00	22.01 -1.93 -0.13	20.03 -1.64 -0.96	20.01 -1.62 -1.40	22.47 -2.29 -1.88	31.56 -3.20 -1.10	35.19 -3.48 -1.29	35.13 -3.29 -1.42	31.66 -2.81 -0.97	27.66 -2.38 -1.06	28.09 -2.47 -0.08
NEG WEST___LANCASTER 23811	29.89 -2.01 0.00	27.32 -2.02 0.00	25.95 -1.95 0.00	25.52 -2.25 0.00	26.96 -2.19 0.00	30.90 -2.47 0.00	38.79 -3.74 0.00	40.46 -3.86 0.00	35.28 -2.86 0.00	24.97 -2.88 -0.12	24.24 -1.85 0.00	22.93 -1.57 0.00	22.04 -1.48 0.00	22.04 -1.68 0.00	21.51 -2.45 -0.15	19.72 -2.09 -1.11	19.87 -1.98 -1.63	22.50 -2.56 -2.19	31.30 -3.64 -1.28	35.02 -3.85 -1.50	34.91 -3.74 -1.64	31.31 -3.32 -1.13	27.36 -2.84 -1.23	27.71 -2.87 -0.09
NEG_PENN_ALLEGHNY 23528	31.87 -0.03 0.00	29.25 -0.09 0.00	27.79 -0.11 0.00	27.61 -0.17 0.00	29.00 -0.14 0.00	33.27 -0.10 0.00	42.41 -0.13 0.00	44.14 -0.18 0.00	38.03 -0.11 0.00	27.76 -0.19 -0.22	25.99 -0.10 0.00	24.44 -0.05 0.00	23.48 -0.05 0.00	23.61 -0.12 0.00	23.87 -0.21 -0.27	22.58 -0.17 -2.05	23.08 -0.14 -3.00	26.68 -0.21 -4.01	35.80 -0.20 -2.34	39.98 -0.15 -2.77	39.89 -0.15 -3.03	35.41 -0.17 -2.08	31.07 -0.17 -2.27	30.53 -0.12 -0.17
NEG___GEN_MONROE 24207	30.66 -1.24 0.00	28.08 -1.26 0.00	26.73 -1.17 0.00	26.41 -1.36 0.00	27.86 -1.28 0.00	31.96 -1.40 0.00	40.36 -2.17 0.00	42.01 -2.30 0.00	36.46 -1.68 0.00	26.52 -1.30 -0.09	24.97 -1.12 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.70 -1.02 0.00	22.78 -1.14 -0.11	20.58 -0.93 -0.81	20.52 -0.89 -1.19	23.39 -1.08 -1.59	32.90 -1.68 -0.93	36.71 -1.76 -1.10	36.58 -1.63 -1.20	32.95 -1.37 -0.82	28.66 -1.22 -0.90	29.21 -1.34 -0.06

NEPA__ENERGY 23901	30.53 -1.37 0.00	27.87 -1.47 0.00	26.45 -1.45 0.00	26.02 -1.75 0.00	27.42 -1.72 0.00	31.46 -1.90 0.00	39.56 -2.98 0.00	41.17 -3.15 0.00	35.85 -2.29 0.00	25.83 -2.02 -0.12	24.60 -1.49 0.00	23.24 -1.25 0.00	22.32 -1.20 0.00	22.32 -1.40 0.00	22.18 -1.79 -0.15	20.32 -1.51 -1.13	20.46 -1.42 -1.65	23.22 -1.88 -2.22	32.36 -2.59 -1.30	36.23 -2.65 -1.52	36.15 -2.52 -1.66	32.40 -2.24 -1.14	28.28 -1.94 -1.25	28.72 -1.86 -0.09
NEVERSink__HYD 23608	33.78 1.88 0.00	31.19 1.85 0.00	29.63 1.73 0.00	29.52 1.75 0.00	30.92 1.78 0.00	35.44 2.07 0.00	45.38 2.85 0.00	47.33 3.02 0.00	40.89 2.75 0.00	30.21 1.86 -0.62	27.66 1.57 0.00	25.91 1.42 0.00	24.82 1.29 0.00	24.96 1.23 0.00	25.85 1.26 -0.77	27.71 1.14 -5.87	29.97 1.15 -8.59	35.72 1.35 -11.49	42.50 2.12 -6.72	47.85 2.54 -7.94	48.26 2.55 -8.70	41.62 2.15 -5.97	37.34 1.86 -6.51	32.89 1.92 -0.48
NEWKRMKL_115KV_TB1 55635	32.73 0.83 0.00	30.07 0.73 0.00	28.63 0.73 0.00	28.52 0.75 0.00	29.93 0.79 0.00	34.27 0.90 0.00	43.68 1.15 0.00	45.69 1.37 0.00	39.36 1.22 0.00	29.53 0.94 -0.85	26.90 0.81 0.00	25.25 0.76 0.00	24.25 0.73 0.00	24.51 0.78 0.00	25.66 0.79 -1.06	29.44 0.66 -8.07	32.69 0.65 -11.82	39.39 0.71 -15.80	43.97 1.08 -9.24	49.43 1.16 -10.91	50.14 1.18 -11.95	42.74 1.04 -8.20	38.87 0.96 -8.94	32.18 1.04 -0.67
NEWTON__FALLS_HYD 23847	31.49 -0.41 0.00	29.02 -0.32 0.00	27.54 -0.36 0.00	27.49 -0.28 0.00	28.85 -0.29 0.00	33.07 -0.30 0.00	42.11 -0.43 0.00	43.65 -0.66 0.00	37.15 -0.99 0.00	26.76 -1.00 -0.02	25.15 -0.94 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.89 -0.83 0.00	23.05 -0.79 -0.02	20.17 -0.70 -0.17	19.79 -0.69 -0.26	22.53 -0.69 -0.34	32.95 -0.91 -0.20	36.67 -0.93 -0.24	36.34 -0.93 -0.26	32.77 -0.90 -0.18	28.36 -0.81 -0.19	29.58 -0.91 -0.01
NGRID_A1_DSASP 323792	29.06 -2.84 0.00	26.55 -2.79 0.00	25.17 -2.73 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.10 -3.27 0.00	37.56 -4.98 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.01 -2.83 -0.10	23.61 -2.48 0.00	22.51 -1.98 0.00	21.66 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.62 -1.43	31.37 -3.11 -0.98	27.38 -2.67 -1.07	27.79 -2.77 -0.08
NGRID_A2_DSASP 323793	29.06 -2.84 0.00	26.55 -2.79 0.00	25.17 -2.73 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.10 -3.27 0.00	37.56 -4.98 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.01 -2.83 -0.10	23.61 -2.48 0.00	22.51 -1.98 0.00	21.66 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.62 -1.43	31.37 -3.11 -0.98	27.38 -2.67 -1.07	27.79 -2.77 -0.08
NGRID_A4_DSASP 323807	29.06 -2.84 0.00	26.55 -2.79 0.00	25.17 -2.73 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.10 -3.27 0.00	37.56 -4.98 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.01 -2.83 -0.10	23.61 -2.48 0.00	22.51 -1.98 0.00	21.66 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.62 -1.43	31.37 -3.11 -0.98	27.38 -2.67 -1.07	27.79 -2.77 -0.08
NIAGARA_115E_LBMP 323715	28.94 -2.97 0.00	26.43 -2.91 0.00	25.05 -2.85 0.00	24.66 -3.11 0.00	26.11 -3.03 0.00	29.96 -3.40 0.00	37.39 -5.15 0.00	38.82 -5.50 0.00	33.94 -4.20 0.00	24.87 -2.97 -0.10	23.48 -2.61 0.00	22.36 -2.13 0.00	21.52 -2.00 0.00	21.59 -2.14 0.00	21.70 -2.24 -0.13	19.77 -1.90 -0.97	19.72 -1.92 -1.42	22.15 -2.63 -1.90	31.03 -3.74 -1.11	34.61 -4.07 -1.31	34.52 -3.92 -1.44	31.17 -3.32 -0.99	27.15 -2.90 -1.08	27.64 -2.93 -0.08
NIAGARA_115W_LBMP 323714	28.97 -2.93 0.00	26.47 -2.87 0.00	25.11 -2.79 0.00	24.69 -3.08 0.00	26.17 -2.97 0.00	30.00 -3.37 0.00	37.47 -5.06 0.00	38.82 -5.50 0.00	33.98 -4.16 0.00	24.93 -2.91 -0.10	23.54 -2.56 0.00	22.44 -2.06 0.00	21.60 -1.93 0.00	21.66 -2.06 0.00	21.80 -2.14 -0.13	19.85 -1.82 -0.97	19.84 -1.80 -1.41	22.21 -2.56 -1.89	31.23 -3.53 -1.10	34.75 -3.92 -1.31	34.70 -3.74 -1.43	31.27 -3.22 -0.98	27.29 -2.75 -1.07	27.73 -2.83 -0.08
NIAGARA_230_LBMP 323716	29.26 -2.65 0.00	26.76 -2.58 0.00	25.36 -2.54 0.00	24.97 -2.80 0.00	26.46 -2.68 0.00	30.33 -3.04 0.00	37.90 -4.64 0.00	39.31 -5.01 0.00	34.36 -3.78 0.00	25.20 -2.64 -0.10	23.80 -2.30 0.00	22.66 -1.84 0.00	21.81 -1.72 0.00	21.87 -1.85 0.00	21.99 -1.95 -0.13	20.00 -1.66 -0.95	20.00 -1.62 -1.40	22.43 -2.31 -1.86	31.51 -3.23 -1.09	35.10 -3.55 -1.29	35.01 -3.40 -1.41	31.55 -2.91 -0.97	27.54 -2.49 -1.06	28.00 -2.56 -0.08
NIAGARA__115KV_198_GIBSON 55903	28.97 -2.94 0.00	26.46 -2.88 0.00	25.14 -2.76 0.00	24.69 -3.08 0.00	26.17 -2.97 0.00	29.96 -3.40 0.00	37.47 -5.06 0.00	38.82 -5.50 0.00	33.94 -4.20 0.00	24.96 -2.88 -0.10	23.59 -2.50 0.00	22.44 -2.06 0.00	21.59 -1.93 0.00	21.66 -2.06 0.00	21.80 -2.14 -0.13	19.85 -1.82 -0.97	19.84 -1.80 -1.41	22.21 -2.56 -1.89	31.19 -3.57 -1.10	34.75 -3.92 -1.31	34.70 -3.74 -1.43	31.27 -3.22 -0.98	27.38 -2.67 -1.07	27.73 -2.83 -0.08
NIAGARA____ 23760	29.26 -2.65 0.00	26.76 -2.58 0.00	25.36 -2.54 0.00	24.97 -2.80 0.00	26.46 -2.68 0.00	30.33 -3.04 0.00	37.90 -4.64 0.00	39.31 -5.01 0.00	34.36 -3.78 0.00	25.20 -2.64 -0.10	23.80 -2.30 0.00	22.66 -1.84 0.00	21.81 -1.72 0.00	21.87 -1.85 0.00	21.99 -1.95 -0.13	20.01 -1.66 -0.97	20.02 -1.62 -1.42	22.46 -2.31 -1.89	31.53 -3.23 -1.10	35.12 -3.55 -1.30	35.03 -3.40 -1.43	31.56 -2.91 -0.98	27.55 -2.49 -1.07	28.00 -2.56 -0.08
NINE_MILE_1 23575	30.91 -0.99 0.00	28.40 -0.94 0.00	27.01 -0.89 0.00	26.86 -0.92 0.00	28.21 -0.93 0.00	32.30 -1.07 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.92 -0.86 -0.04	25.33 -0.76 0.00	23.83 -0.66 0.00	22.89 -0.63 0.00	23.06 -0.66 0.00	23.20 -0.67 -0.05	20.52 -0.58 -0.39	20.23 -0.57 -0.57	23.01 -0.64 -0.77	33.13 -0.98 -0.45	36.81 -1.08 -0.53	36.51 -1.07 -0.58	32.93 -0.97 -0.40	28.57 -0.84 -0.43	29.60 -0.91 -0.03
NINE_MILE_2 23744	30.91 -0.99 0.00	28.40 -0.94 0.00	27.01 -0.89 0.00	26.88 -0.89 0.00	28.21 -0.93 0.00	32.33 -1.03 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.92 -0.86 -0.04	25.33 -0.76 0.00	23.83 -0.66 0.00	22.89 -0.63 0.00	23.06 -0.66 0.00	23.20 -0.67 -0.05	20.54 -0.56 -0.39	20.23 -0.57 -0.57	23.01 -0.64 -0.77	33.13 -0.98 -0.45	36.81 -1.08 -0.53	36.51 -1.07 -0.58	32.93 -0.97 -0.40	28.57 -0.84 -0.43	29.60 -0.91 -0.03
NM_CAPITAL__DRP 24208	32.83 0.93 0.00	30.16 0.82 0.00	28.71 0.81 0.00	28.60 0.83 0.00	30.05 0.90 0.00	34.37 1.00 0.00	43.85 1.32 0.00	45.91 1.60 0.00	39.51 1.37 0.00	29.64 1.05 -0.85	27.01 0.91 0.00	25.35 0.86 0.00	24.35 0.82 0.00	24.60 0.88 0.00	25.73 0.86 -1.06	29.50 0.75 -8.05	32.72 0.71 -11.79	39.43 0.80 -15.75	44.08 1.21 -9.21	49.59 1.35 -10.88	50.25 1.33 -11.91	42.85 1.17 -8.18	38.96 1.07 -8.91	32.30 1.16 -0.66

NM_CENTRAL___DRP 24181	31.49 -0.41 0.00	28.90 -0.44 0.00	27.48 -0.42 0.00	27.33 -0.44 0.00	28.71 -0.44 0.00	32.90 -0.47 0.00	41.98 -0.55 0.00	43.78 -0.53 0.00	37.68 -0.46 0.00	27.46 -0.33 -0.06	25.83 -0.26 0.00	24.30 -0.20 0.00	23.34 -0.19 0.00	23.51 -0.21 0.00	23.68 -0.21 -0.07	21.08 -0.19 -0.56	20.87 -0.18 -0.83	23.76 -0.23 -1.11	33.97 -0.34 -0.65	37.79 -0.34 -0.76	37.47 -0.37 -0.84	33.74 -0.34 -0.57	29.28 -0.32 -0.63	30.16 -0.37 -0.05
NM_FRONTIER___DRP 24179	28.97 -2.94 0.00	26.46 -2.88 0.00	25.14 -2.76 0.00	24.69 -3.08 0.00	26.17 -2.97 0.00	29.96 -3.40 0.00	37.47 -5.06 0.00	38.82 -5.50 0.00	33.94 -4.20 0.00	24.96 -2.88 -0.10	23.59 -2.50 0.00	22.44 -2.06 0.00	21.59 -1.93 0.00	21.66 -2.06 0.00	21.80 -2.14 -0.13	19.85 -1.82 -0.97	19.84 -1.80 -1.41	22.21 -2.56 -1.89	31.19 -3.57 -1.10	34.75 -3.92 -1.31	34.70 -3.74 -1.43	31.27 -3.22 -0.98	27.38 -2.67 -1.07	27.73 -2.83 -0.08
NM_ST_REGIS___HYD 24053	31.42 -0.48 0.00	29.05 -0.29 0.00	27.51 -0.39 0.00	27.47 -0.31 0.00	28.82 -0.32 0.00	32.97 -0.40 0.00	41.90 -0.64 0.00	43.39 -0.93 0.00	37.19 -0.95 0.00	26.91 -0.83 0.00	25.34 -0.76 0.00	23.73 -0.76 0.00	22.82 -0.71 0.00	23.01 -0.71 0.00	23.08 -0.74 0.00	20.02 -0.68 0.00	19.54 -0.69 0.00	22.12 -0.76 0.00	32.48 -1.18 0.00	36.02 -1.35 0.00	35.67 -1.33 0.00	32.23 -1.27 0.00	27.87 -1.10 0.00	29.35 -1.13 0.00
NORTHPORT___1 23551	34.10 2.20 0.00	31.36 2.02 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.13 1.98 0.00	35.87 2.50 0.00	45.89 3.36 0.00	48.57 4.25 0.00	42.04 3.74 -0.16	32.16 2.77 -1.64	29.10 2.48 -0.53	27.34 2.25 -0.59	26.27 2.09 -0.65	26.47 2.11 -0.64	27.39 2.10 -1.48	29.79 1.84 -7.24	32.37 1.86 -10.29	38.98 2.15 -13.95	45.18 3.47 -8.05	50.29 3.74 -9.18	50.68 3.63 -10.05	43.99 3.59 -6.90	39.51 3.01 -7.52	34.03 2.99 -0.56
NORTHPORT___2 23552	34.10 2.20 0.00	31.36 2.02 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.13 1.98 0.00	35.87 2.50 0.00	45.89 3.36 0.00	48.57 4.25 0.00	42.04 3.74 -0.16	32.16 2.77 -1.64	29.10 2.48 -0.53	27.34 2.25 -0.59	26.27 2.09 -0.65	26.47 2.11 -0.64	27.39 2.10 -1.48	29.79 1.84 -7.24	32.37 1.86 -10.29	38.98 2.15 -13.95	45.18 3.47 -8.05	50.29 3.74 -9.18	50.68 3.63 -10.05	43.99 3.59 -6.90	39.51 3.01 -7.52	34.03 2.99 -0.56
NORTHPORT___3 23553	34.01 2.11 0.00	31.28 1.94 0.00	29.91 2.01 0.00	29.71 1.94 0.00	31.01 1.87 0.00	35.70 2.33 0.00	45.04 2.51 0.00	47.55 3.23 0.00	42.00 3.70 -0.16	32.11 2.72 -1.65	29.11 2.48 -0.54	27.34 2.25 -0.60	26.32 2.14 -0.65	26.48 2.11 -0.64	27.42 2.12 -1.49	29.81 1.86 -7.25	32.37 1.86 -10.29	38.94 2.10 -13.95	44.47 2.76 -8.06	49.35 2.80 -9.18	49.79 2.74 -10.05	43.18 2.78 -6.90	39.19 2.70 -7.52	33.91 2.86 -0.56
NORTHPORT___4 23650	34.01 2.11 0.00	31.28 1.94 0.00	29.91 2.01 0.00	29.71 1.94 0.00	31.01 1.87 0.00	35.70 2.33 0.00	45.04 2.51 0.00	47.55 3.23 0.00	42.00 3.70 -0.16	32.11 2.72 -1.65	29.11 2.48 -0.54	27.34 2.25 -0.60	26.32 2.14 -0.65	26.48 2.11 -0.64	27.42 2.12 -1.49	29.81 1.86 -7.25	32.37 1.86 -10.29	38.94 2.10 -13.95	44.47 2.76 -8.06	49.35 2.80 -9.18	49.79 2.74 -10.05	43.18 2.78 -6.90	39.19 2.70 -7.52	33.91 2.86 -0.56
NORTHPORT___IC 23718	34.10 2.20 0.00	31.34 2.00 0.00	29.99 2.09 0.00	29.88 2.11 0.00	31.13 1.98 0.00	35.57 2.20 0.00	46.02 3.49 0.00	48.57 4.25 0.00	42.04 3.74 -0.16	32.13 2.75 -1.64	29.05 2.43 -0.53	27.34 2.25 -0.59	26.27 2.09 -0.65	26.47 2.11 -0.64	27.39 2.10 -1.48	29.79 1.84 -7.24	32.37 1.86 -10.29	38.98 2.15 -13.95	45.18 3.47 -8.05	50.29 3.74 -9.18	50.68 3.63 -10.05	43.99 3.58 -6.90	39.51 3.01 -7.52	33.91 2.87 -0.56
NORTH___COUNTRY_ESR 323785	31.68 -0.22 0.00	29.34 0.00 0.00	27.85 -0.06 0.00	27.80 0.03 0.00	29.23 0.09 0.00	33.43 0.07 0.00	42.45 -0.08 0.00	44.05 -0.26 0.00	37.83 -0.31 0.00	27.52 -0.22 0.00	25.91 -0.18 0.00	24.25 -0.24 0.00	23.29 -0.24 0.00	23.41 -0.31 0.00	23.41 -0.40 0.00	20.23 -0.48 0.00	19.66 -0.57 0.00	22.22 -0.66 0.00	32.45 -1.21 0.00	35.91 -1.46 0.00	35.52 -1.48 0.00	32.09 -1.41 0.00	27.73 -1.25 0.00	29.20 -1.28 0.00
NPX_GEN_1385_PROXY 323591	34.01 2.11 0.00	31.36 2.02 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.13 1.98 0.00	35.80 2.43 0.00	45.81 3.28 0.00	50.01 4.25 -1.44	40.26 3.39 1.28	31.82 2.44 -1.64	28.63 2.01 -0.53	26.93 1.84 -0.59	25.82 1.65 -0.65	26.21 1.85 -0.64	27.18 1.88 -1.48	29.58 1.64 -7.24	32.19 1.68 -10.29	38.91 2.08 -13.95	44.98 3.26 -8.05	49.91 3.36 -9.18	50.19 3.14 -10.05	43.99 3.59 -6.90	39.19 2.70 -7.52	33.79 2.74 -0.56
NPX_GEN_CSC 323557	33.78 1.88 0.00	31.13 1.79 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.10 1.95 0.00	35.90 2.53 0.00	46.19 3.66 0.00	50.41 4.65 -1.44	40.15 3.28 1.27	31.98 2.58 -1.66	28.98 2.35 -0.54	27.23 2.13 -0.60	25.95 1.77 -0.66	26.13 1.76 -0.65	26.88 1.57 -1.49	29.38 1.43 -7.25	32.03 1.52 -10.29	38.60 1.76 -13.96	45.35 3.64 -8.06	50.55 4.00 -9.18	50.97 3.92 -10.05	44.36 3.95 -6.90	39.83 3.33 -7.52	34.00 2.96 -0.56
NSINS_S___GLNS_FALLS 23858	33.82 1.91 0.00	31.07 1.73 0.00	29.52 1.62 0.00	29.41 1.64 0.00	31.13 1.98 0.00	35.80 2.44 0.00	45.72 3.19 0.00	47.64 3.32 0.00	40.77 2.63 0.00	30.36 1.75 -0.87	27.61 1.51 0.00	25.69 1.20 0.00	24.72 1.20 0.00	25.05 1.33 0.00	26.26 1.36 -1.09	30.26 1.28 -8.28	33.62 1.27 -12.12	40.43 1.35 -16.20	45.32 2.19 -9.47	51.09 2.54 -11.18	51.81 2.55 -12.25	44.09 2.18 -8.41	39.96 1.83 -9.16	33.05 1.89 -0.68
NUCOR_STEEL___DRP 24197	31.81 -0.10 0.00	29.16 -0.18 0.00	27.73 -0.17 0.00	27.58 -0.19 0.00	29.00 -0.15 0.00	33.23 -0.13 0.00	42.41 -0.13 0.00	44.18 -0.13 0.00	37.99 -0.15 0.00	27.65 -0.17 -0.08	25.99 -0.10 0.00	24.44 -0.05 0.00	23.50 -0.02 0.00	23.65 -0.07 0.00	23.80 -0.12 -0.10	21.39 -0.08 -0.77	21.27 -0.08 -1.13	24.30 -0.09 -1.52	34.44 -0.10 -0.89	38.37 -0.04 -1.05	38.11 -0.04 -1.15	34.19 -0.10 -0.79	29.74 -0.09 -0.86	30.42 -0.12 -0.06
NUMBER_THREE_WT_PWR 323818	32.06 0.16 0.00	29.49 0.15 0.00	28.01 0.11 0.00	27.99 0.22 0.00	29.41 0.26 0.00	33.70 0.33 0.00	43.05 0.51 0.00	44.67 0.35 0.00	37.72 -0.42 0.00	27.07 -0.69 -0.03	25.39 -0.70 0.00	23.86 -0.64 0.00	22.89 -0.63 0.00	23.15 -0.57 0.00	23.32 -0.52 -0.03	20.49 -0.46 -0.24	20.15 -0.43 -0.35	23.00 -0.34 -0.47	33.63 -0.30 -0.27	37.46 -0.22 -0.32	37.10 -0.26 -0.35	33.47 -0.27 -0.24	28.89 -0.35 -0.26	30.07 -0.43 -0.02
NYISO_LBMP_REFERENCE 24008	31.90 0.00 0.00	29.34 0.00 0.00	27.90 0.00 0.00	27.77 0.00 0.00	29.14 0.00 0.00	33.37 0.00 0.00	42.53 0.00 0.00	44.32 0.00 0.00	38.14 0.00 0.00	27.74 0.00 0.00	26.09 0.00 0.00	24.49 0.00 0.00	23.52 0.00 0.00	23.72 0.00 0.00	23.82 0.00 0.00	20.70 0.00 0.00	20.22 0.00 0.00	22.88 0.00 0.00	33.66 0.00 0.00	37.37 0.00 0.00	37.00 0.00 0.00	33.50 0.00 0.00	28.97 0.00 0.00	30.48 0.00 0.00

NYPA_BRENTWD____GT 24164	34.36	31.60	30.30	30.10	31.36	36.17	46.28	49.01	42.39	32.41	29.33	27.58	26.45	26.66	27.58	29.95	32.54	39.21	45.56	50.70	51.12	44.36	39.83	34.30
	2.46	2.26	2.40	2.33	2.21	2.80	3.74	4.70	4.08	3.00	2.69	2.47	2.26	2.28	2.26	1.99	2.02	2.36	3.84	4.15	4.07	3.95	3.33	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.68	-0.55	-0.62	-0.67	-0.66	-1.50	-7.26	-10.30	-13.97	-8.06	-9.18	-10.05	-6.90	-7.52	-0.56
NYPA_GOWANUS____GT5 24156	47.42	45.82	35.99	30.04	31.51	36.12	46.72	48.85	50.62	54.08	54.53	55.04	55.04	56.13	55.60	55.60	57.36	54.82	54.37	50.97	50.94	50.64	47.67	47.60
	2.68	2.43	2.37	2.25	2.36	2.74	3.74	4.52	3.85	2.83	2.56	2.35	2.24	2.25	2.26	1.99	1.98	2.27	3.50	3.92	3.88	3.52	3.04	3.08
	-12.84	-14.05	-5.72	-0.02	-0.01	-0.02	-0.44	-0.01	-8.63	-23.51	-25.88	-28.20	-29.28	-30.15	-29.52	-32.91	-35.16	-29.68	-17.21	-9.68	-10.05	-13.62	-15.66	-14.04
NYPA_GOWANUS____GT6 24157	47.42	45.82	35.99	30.04	31.51	36.12	46.72	48.85	50.62	54.08	54.53	55.04	55.04	56.13	55.60	55.60	57.36	54.82	54.37	50.97	50.94	50.64	47.67	47.60
	2.68	2.43	2.37	2.25	2.36	2.74	3.74	4.52	3.85	2.83	2.56	2.35	2.24	2.25	2.26	1.99	1.98	2.27	3.50	3.92	3.88	3.52	3.04	3.08
	-12.84	-14.05	-5.72	-0.02	-0.01	-0.02	-0.44	-0.01	-8.63	-23.51	-25.88	-28.20	-29.28	-30.15	-29.52	-32.91	-35.16	-29.68	-17.21	-9.68	-10.05	-13.62	-15.66	-14.04
NYPA_HARLEM__RVR__GT1 24160	34.24	31.46	29.94	29.78	31.13	35.74	45.95	48.54	45.83	53.84	41.58	41.31	41.55	41.50	41.28	40.73	40.80	54.63	51.82	50.71	50.72	43.45	39.25	33.85
	2.33	2.11	2.04	2.00	1.98	2.37	3.40	4.21	3.58	2.61	2.37	2.18	2.07	2.09	2.10	1.84	1.84	2.08	3.20	3.66	3.66	3.05	2.75	2.80
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-4.10	-23.50	-13.12	-14.64	-15.95	-15.69	-15.37	-18.18	-18.74	-29.67	-14.96	-9.68	-10.05	-6.90	-7.52
NYPA_HARLEM__RVR__GT2 24161	34.24	31.46	29.94	29.78	31.13	35.74	45.95	48.54	45.83	53.84	41.58	41.31	41.55	41.50	41.28	40.73	40.80	54.63	51.82	50.71	50.72	43.45	39.25	33.85
	2.33	2.11	2.04	2.00	1.98	2.37	3.40	4.21	3.58	2.61	2.37	2.18	2.07	2.09	2.10	1.84	1.84	2.08	3.20	3.66	3.66	3.05	2.75	2.80
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-4.10	-23.50	-13.12	-14.64	-15.95	-15.69	-15.37	-18.18	-18.74	-29.67	-14.96	-9.68	-10.05	-6.90	-7.52
NYPA_KENT____GT 24152	42.37	39.93	33.55	29.98	31.40	36.02	46.51	48.76	49.59	54.02	51.17	51.45	51.46	52.28	51.77	51.71	52.92	54.77	54.15	50.90	50.87	47.98	44.44	42.33
	2.58	2.35	2.29	2.19	2.24	2.64	3.70	4.43	3.78	2.77	2.53	2.33	2.21	2.23	2.24	1.95	1.94	2.22	3.43	3.85	3.81	3.45	2.96	3.02
	-7.88	-8.24	-3.36	-0.01	-0.01	-0.01	-0.27	-0.01	-7.68	-23.51	-22.55	-24.63	-25.73	-26.33	-25.72	-29.06	-30.76	-29.68	-17.05	-9.68	-10.05	-11.02	-12.51	-8.83
NYPA_POUCH1____GT 24155	47.36	45.77	35.94	29.96	31.45	36.06	46.51	48.62	50.44	53.94	54.40	54.92	54.92	56.01	55.48	55.50	57.26	54.71	54.23	50.78	50.79	50.54	47.59	47.45
	2.62	2.38	2.31	2.17	2.30	2.67	3.53	4.30	3.66	2.69	2.43	2.23	2.12	2.14	2.14	1.88	1.88	2.15	3.37	3.74	3.74	3.42	2.96	2.93
	-12.84	-14.05	-5.72	-0.02	-0.01	-0.02	-0.44	-0.01	-8.63	-23.51	-25.88	-28.20	-29.28	-30.15	-29.52	-32.91	-35.16	-29.68	-17.21	-9.68	-10.05	-13.62	-15.66	-14.04
NYPA_VERNON____GT2 24162	37.32	34.04	31.10	29.92	31.31	35.91	46.25	48.67	48.60	53.97	47.80	47.84	47.87	48.40	47.91	47.84	48.50	54.73	53.92	50.82	50.79	45.28	41.21	37.06
	2.49	2.26	2.20	2.14	2.16	2.53	3.61	4.35	3.74	2.72	2.48	2.28	2.21	2.23	2.24	2.19	1.93	1.92	2.17	3.37	3.74	3.35	2.87	2.96
	-2.92	-2.44	-1.00	-0.01	-0.01	-0.01	-0.11	-0.01	-6.72	-23.51	-19.23	-21.07	-22.18	-22.50	-21.91	-25.21	-26.36	-29.68	-16.90	-9.68	-10.05	-8.43	-9.37	-3.62
NYPA_VERNON____GT3 24163	37.32	34.04	31.10	29.92	31.31	35.91	46.25	48.67	48.60	53.97	47.80	47.84	47.87	48.40	47.91	47.84	48.50	54.73	53.92	50.82	50.79	45.28	41.21	37.06
	2.49	2.26	2.20	2.14	2.16	2.53	3.61	4.35	3.74	2.72	2.48	2.28	2.16	2.18	2.19	1.93	1.92	2.17	3.37	3.74	3.35	2.87	2.96	
	-2.92	-2.44	-1.00	-0.01	-0.01	-0.01	-0.11	-0.01	-6.72	-23.51	-19.23	-21.07	-22.18	-22.50	-21.91	-25.21	-26.36	-29.68	-16.90	-9.68	-10.05	-8.43	-9.37	-3.62
NYPA__ASTORIA_CC1 323568	35.85	32.12	30.30	29.92	31.28	35.91	46.20	48.67	48.67	53.94	47.61	47.61	47.61	48.14	47.61	47.61	48.14	54.73	54.20	50.78	50.76	44.48	40.28	35.51
	2.49	2.26	2.18	2.14	2.13	2.53	3.61	4.35	3.70	2.69	2.48	2.28	2.16	2.18	2.19	1.93	1.90	2.17	3.33	3.74	3.70	3.32	2.87	2.96
	-1.45	-0.52	-0.22	-0.01	-0.01	-0.01	-0.06	-0.01	-6.83	-23.51	-19.04	-20.84	-21.92	-22.24	-21.61	-24.98	-26.02	-29.68	-17.21	-9.68	-10.05	-7.66	-8.44	-2.07
NYPA__ASTORIA_CC2 323569	35.85	32.12	30.30	29.92	31.28	35.91	46.20	48.67	48.67	53.94	47.61	47.61	47.61	48.14	47.61	47.61	48.14	54.73	54.20	50.78	50.76	44.48	40.28	35.51
	2.49	2.26	2.18	2.14	2.13	2.53	3.61	4.35	3.70	2.69	2.48	2.28	2.16	2.18	2.19	1.93	1.90	2.17	3.33	3.74	3.70	3.32	2.87	2.96
	-1.45	-0.52	-0.22	-0.01	-0.01	-0.01	-0.06	-0.01	-6.83	-23.51	-19.04	-20.84	-21.92	-22.24	-21.61	-24.98	-26.02	-29.68	-17.21	-9.68	-10.05	-7.66	-8.44	-2.07
NYPA__HOLTSVILL 23794	34.07	31.36	30.13	29.94	31.18	35.97	46.06	48.84	42.04	32.20	29.16	27.40	26.23	26.43	27.31	29.73	32.34	38.94	45.35	50.51	50.93	44.22	39.71	34.09
	2.17	2.02	2.23	2.17	2.04	2.60	3.53	4.52	3.74	2.80	2.53	2.30	2.05	2.06	2.00	1.78	1.82	2.10	3.64	3.96	3.88	3.82	3.22	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-1.66	-0.54	-0.60	-0.66	-0.65	-1.49	-7.25	-10.29	-13.96	-8.06	-9.18	-10.05	-6.90	-7.52	-0.56
NYPA__HELLGATE_GT1 24158	34.24	31.46	29.94	29.78	31.13	35.74	45.95	48.54	45.83	53.84	41.58	41.31	41.55	41.50	41.28	40.73	40.80	54.63	51.82	50.71	50.72	43.45	39.25	33.85
	2.33	2.11	2.04	2.00	1.98	2.37	3.40	4.21	3.58	2.61	2.37	2.18	2.07	2.09	2.10	1.84	1.84	2.08	3.20	3.66	3.66	3.05	2.75	2.80
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-4.10	-23.50	-13.12	-14.64	-15.95	-15.69	-15.37	-18.18	-18.74	-29.67	-14.96	-9.68	-10.05	-6.90	-7.52
NYPA__HELLGATE_GT2 24159	34.24	31.46	29.94	29.78	31.13	35.74	45.95	48.54	45.83	53.84	41.58	41.31	41.55	41.50	41.28	40.73	40.80	54.63	51.82	50.71	50.72	43.45	39.25	33.85
	2.33	2.11	2.04	2.00	1.98	2.37	3.40	4.21	3.58	2.61	2.37	2.18	2.07	2.09	2.10	1.84	1.84	2.08	3.20	3.66	3.66	3.05	2.75	2.80
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-4.10	-23.50	-13.12	-14.64	-15.95	-15.69	-15.37	-18.18	-18.74	-29.67	-14.96	-9.68	-10.05	-6.90	-7.52
NYS_BARGE__HYD 23848	29.41	26.88	25.47	25.08	26.55	30.46	38.07	39.53	34.59	25.29	23.87	22.71	21.85	21.92	22.01	20.02	19.98	22.46	31.55	35.14	35.08	31.65	27.56	28.06
	-2.49	-2.46	-2.43	-2.69	-2.59	-2.90	-4.47	-4.79	-3.55	-2.55	-2.22	-1.79	-1.67	-1.80	-1.93	-1.64	-1.64	-2.29	-3.20	-3.51	-3.33	-2.81	-2.46	-2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	-0.13	-0.95	-1.39	-1.86	-1.09	-1.29	-1.41	-0.97	-1.05	-0.08

OAK ORCHARD___HYD 24046	30.59 -1.31 0.00	28.02 -1.32 0.00	26.62 -1.28 0.00	26.36 -1.42 0.00	27.77 -1.37 0.00	31.90 -1.47 0.00	40.24 -2.30 0.00	41.84 -2.48 0.00	36.31 -1.83 0.00	26.57 -1.25 -0.08	24.97 -1.12 0.00	23.66 -0.83 0.00	22.72 -0.80 0.00	22.85 -0.88 0.00	23.06 -0.86 -0.10	20.77 -0.70 -0.77	20.63 -0.73 -1.13	23.52 -0.87 -1.51	33.13 -1.41 -0.88	36.92 -1.50 -1.05	36.78 -1.37 -1.14	33.08 -1.20 -0.79	28.76 -1.07 -0.86	29.36 -1.19 -0.06
OAKDALE___35_KV_LOAD 356122	31.81 -0.10 0.00	29.19 -0.15 0.00	27.76 -0.14 0.00	27.55 -0.22 0.00	28.97 -0.17 0.00	33.20 -0.17 0.00	42.28 -0.26 0.00	44.01 -0.31 0.00	37.95 -0.19 0.00	27.68 -0.28 -0.21	25.94 -0.16 0.00	24.39 -0.10 0.00	23.43 -0.09 0.00	23.56 -0.17 0.00	23.82 -0.26 -0.27	22.53 -0.21 -2.03	23.02 -0.18 -2.98	26.61 -0.25 -3.98	35.72 -0.27 -2.33	39.89 -0.22 -2.75	39.79 -0.22 -3.01	35.37 -0.20 -2.07	31.02 -0.20 -2.25	30.50 -0.15 -0.17
OCC_CHEM___DRP 24175	29.06 -2.84 0.00	26.55 -2.79 0.00	25.22 -2.68 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.03 -3.34 0.00	37.60 -4.93 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.04 -2.80 -0.10	23.64 -2.45 0.00	22.51 -1.98 0.00	21.67 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.63 -1.43	31.37 -3.12 -0.98	27.47 -2.58 -1.07	27.82 -2.74 -0.08
OH_GEN_PROXY 24063	29.32 -2.58 0.00	26.79 -2.55 0.00	25.42 -2.48 0.00	25.02 -2.75 0.00	26.49 -2.65 0.00	30.40 -2.97 0.00	38.02 -4.51 0.00	40.88 -4.87 -1.44	33.00 -3.70 1.44	25.26 -2.58 -0.10	23.85 -2.24 0.00	22.71 -1.79 0.00	21.85 -1.67 0.00	21.90 -1.83 0.00	22.01 -1.93 -0.13	20.05 -1.61 -0.96	20.03 -1.60 -1.40	22.48 -2.27 -1.87	31.59 -3.17 -1.09	35.22 -3.44 -1.29	35.13 -3.29 -1.42	31.66 -2.81 -0.97	27.60 -2.43 -1.06	28.03 -2.53 -0.08
OLIN_CORP_DRP 24177	29.00 -2.90 0.00	26.49 -2.85 0.00	25.17 -2.73 0.00	24.72 -3.05 0.00	26.17 -2.97 0.00	30.00 -3.37 0.00	37.51 -5.02 0.00	38.91 -5.41 0.00	34.02 -4.12 0.00	24.93 -2.91 -0.10	23.59 -2.50 0.00	22.44 -2.06 0.00	21.59 -1.93 0.00	21.64 -2.09 0.00	21.75 -2.19 -0.13	19.82 -1.86 -0.98	19.79 -1.86 -1.43	22.21 -2.59 -1.92	31.14 -3.64 -1.12	34.69 -4.00 -1.32	34.64 -3.81 -1.45	31.28 -3.22 -0.99	27.30 -2.75 -1.08	27.73 -2.83 -0.08
OLIN_CORP_DSASP 323712	29.06 -2.84 0.00	26.55 -2.79 0.00	25.17 -2.73 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.10 -3.27 0.00	37.56 -4.98 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.01 -2.83 -0.10	23.61 -2.48 0.00	22.51 -1.98 0.00	21.66 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.62 -1.43	31.37 -3.11 -0.98	27.38 -2.67 -1.07	27.79 -2.77 -0.08
ONEIDA_HERK_LFGE 323681	32.41 0.51 0.00	29.78 0.44 0.00	28.29 0.39 0.00	28.21 0.44 0.00	29.64 0.49 0.00	34.00 0.63 0.00	43.43 0.89 0.00	45.16 0.84 0.00	38.52 0.38 0.00	27.76 0.00 -0.02	26.07 -0.03 0.00	24.49 0.00 0.00	23.50 -0.02 0.00	23.77 0.05 0.00	23.91 0.07 -0.03	20.96 0.04 -0.21	20.61 0.08 -0.31	23.46 0.16 -0.41	34.27 0.37 -0.24	38.14 0.48 -0.29	37.80 0.48 -0.31	34.08 0.37 -0.22	29.47 0.26 -0.23	30.71 0.21 -0.02
ONEIDA___115KV_TB4 55905	32.60 0.70 0.00	29.93 0.59 0.00	28.43 0.53 0.00	28.33 0.56 0.00	29.76 0.61 0.00	34.13 0.77 0.00	43.64 1.11 0.00	45.42 1.11 0.00	38.90 0.76 0.00	28.08 0.31 -0.04	26.38 0.29 0.00	24.79 0.29 0.00	23.81 0.28 0.00	24.06 0.33 0.00	24.20 0.33 -0.05	21.37 0.29 -0.38	21.10 0.32 -0.55	24.03 0.41 -0.74	34.83 0.74 -0.43	38.77 0.90 -0.51	38.45 0.89 -0.56	34.62 0.74 -0.39	29.97 0.58 -0.42	31.06 0.55 -0.03
ONONDAGA_REF_OCCRA 23987	31.62 -0.29 0.00	29.02 -0.32 0.00	27.59 -0.31 0.00	27.44 -0.33 0.00	28.82 -0.32 0.00	33.03 -0.33 0.00	42.19 -0.34 0.00	43.96 -0.35 0.00	37.84 -0.31 0.00	27.56 -0.25 -0.07	25.91 -0.18 0.00	24.35 -0.15 0.00	23.41 -0.12 0.00	23.58 -0.14 0.00	23.74 -0.17 -0.09	21.26 -0.14 -0.70	21.10 -0.14 -1.02	24.09 -0.16 -1.37	34.25 -0.20 -0.80	38.12 -0.19 -0.94	37.82 -0.22 -1.03	33.98 -0.23 -0.71	29.52 -0.23 -0.77	30.30 -0.24 -0.06
ONONDAGA___COGEN 23986	31.65 -0.26 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.07 -0.30 0.00	42.24 -0.30 0.00	44.01 -0.31 0.00	37.87 -0.27 0.00	27.58 -0.22 -0.07	25.96 -0.13 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.14 -0.09	21.25 -0.10 -0.65	21.07 -0.10 -0.95	24.03 -0.11 -1.27	34.20 -0.20 -0.74	38.05 -0.19 -0.87	37.78 -0.19 -0.96	33.96 -0.20 -0.66	29.49 -0.20 -0.72	30.32 -0.21 -0.05
ONTARIO___LFGE 23819	31.55 -0.35 0.00	28.93 -0.41 0.00	27.45 -0.45 0.00	27.24 -0.53 0.00	28.68 -0.47 0.00	32.93 -0.43 0.00	41.90 -0.64 0.00	43.56 -0.75 0.00	37.49 -0.65 0.00	27.25 -0.58 -0.10	25.60 -0.50 0.00	24.13 -0.37 0.00	23.17 -0.35 0.00	23.27 -0.45 0.00	23.39 -0.55 -0.12	21.17 -0.46 -0.92	21.14 -0.43 -1.34	24.17 -0.50 -1.80	34.10 -0.60 -1.05	38.12 -0.49 -1.24	37.84 -0.52 -1.36	33.90 -0.54 -0.93	29.47 -0.52 -1.02	30.04 -0.52 -0.08
ORANGEVILLE_WT_PWR 323706	30.15 -1.75 0.00	27.52 -1.82 0.00	26.06 -1.84 0.00	25.69 -2.08 0.00	27.05 -2.10 0.00	30.93 -2.43 0.00	38.83 -3.70 0.00	40.24 -4.08 0.00	34.94 -3.20 0.00	25.39 -2.47 -0.12	23.95 -2.14 0.00	22.71 -1.79 0.00	21.83 -1.69 0.00	21.82 -1.90 0.00	21.85 -2.12 -0.15	20.07 -1.80 -1.17	20.17 -1.76 -1.71	22.89 -2.29 -2.30	31.91 -3.10 -1.34	35.77 -3.18 -1.58	35.63 -3.11 -1.73	31.91 -2.78 -1.19	27.80 -2.46 -1.29	28.08 -2.50 -0.10
ORANGEVILLE___ESR 323794	30.15 -1.75 0.00	27.52 -1.82 0.00	26.06 -1.84 0.00	25.69 -2.08 0.00	27.05 -2.10 0.00	30.93 -2.43 0.00	38.83 -3.70 0.00	40.24 -4.08 0.00	34.94 -3.20 0.00	25.39 -2.47 -0.12	23.95 -2.14 0.00	22.71 -1.79 0.00	21.83 -1.69 0.00	21.82 -1.90 0.00	21.85 -2.12 -0.15	20.07 -1.80 -1.17	20.17 -1.76 -1.71	22.89 -2.29 -2.30	31.91 -3.10 -1.34	35.77 -3.18 -1.58	35.63 -3.11 -1.73	31.91 -2.78 -1.19	27.80 -2.46 -1.29	28.08 -2.50 -0.10
OSWEGATCHIE___HYD 24044	31.49 -0.42 0.00	29.02 -0.32 0.00	27.54 -0.36 0.00	27.49 -0.28 0.00	28.85 -0.29 0.00	33.07 -0.30 0.00	42.11 -0.43 0.00	43.65 -0.66 0.00	37.15 -0.99 0.00	26.76 -1.00 -0.02	25.15 -0.94 0.00	23.59 -0.91 0.00	22.65 -0.87 0.00	22.89 -0.83 0.00	23.05 -0.79 -0.02	20.17 -0.70 -0.17	19.79 -0.69 -0.26	22.54 -0.69 -0.34	32.95 -0.91 -0.20	36.67 -0.93 -0.24	36.34 -0.92 -0.26	32.77 -0.90 -0.18	28.36 -0.81 -0.19	29.58 -0.91 -0.01
OSWEGO___5 23606	31.11 -0.80 0.00	28.61 -0.73 0.00	27.20 -0.70 0.00	27.05 -0.72 0.00	28.39 -0.76 0.00	32.53 -0.83 0.00	41.47 -1.06 0.00	43.21 -1.11 0.00	37.19 -0.95 0.00	27.09 -0.69 -0.05	25.49 -0.60 0.00	23.98 -0.52 0.00	23.03 -0.50 0.00	23.20 -0.52 0.00	23.35 -0.52 -0.06	20.70 -0.46 -0.45	20.44 -0.44 -0.67	23.27 -0.50 -0.89	33.41 -0.77 -0.52	37.12 -0.86 -0.61	36.83 -0.85 -0.67	33.19 -0.77 -0.46	28.81 -0.67 -0.50	29.79 -0.73 -0.04

OSWEGO___6 23613	31.11 -0.80 0.00	28.61 -0.73 0.00	27.20 -0.70 0.00	27.05 -0.72 0.00	28.39 -0.76 0.00	32.53 -0.83 0.00	41.47 -1.06 0.00	43.21 -1.11 0.00	37.19 -0.95 0.00	27.09 -0.69 -0.05	25.49 -0.60 0.00	23.98 -0.52 0.00	23.03 -0.50 0.00	23.20 -0.52 0.00	23.35 -0.52 -0.06	20.70 -0.46 -0.45	20.44 -0.44 -0.67	23.27 -0.50 -0.89	33.41 -0.77 -0.52	37.12 -0.86 -0.61	36.83 -0.85 -0.67	33.19 -0.77 -0.46	28.81 -0.67 -0.50	29.79 -0.73 -0.04
OUTOKUMPU-AB___DRP 24206	29.70 -2.20 0.00	27.14 -2.20 0.00	25.75 -2.15 0.00	25.30 -2.47 0.00	26.78 -2.36 0.00	30.66 -2.70 0.00	38.41 -4.13 0.00	39.88 -4.43 0.00	34.90 -3.24 0.00	25.46 -2.39 -0.10	24.11 -1.98 0.00	22.90 -1.59 0.00	22.04 -1.48 0.00	22.11 -1.61 0.00	22.16 -1.79 -0.13	20.18 -1.51 -0.99	20.19 -1.48 -1.45	22.69 -2.13 -1.94	31.80 -3.00 -1.13	35.45 -3.25 -1.33	35.40 -3.07 -1.46	31.89 -2.61 -1.00	27.87 -2.20 -1.09	28.28 -2.29 -0.08
OXBOW___BTM 323836	29.35 -2.55 0.00	26.82 -2.52 0.00	25.42 -2.48 0.00	24.99 -2.78 0.00	26.49 -2.65 0.00	30.40 -2.97 0.00	37.94 -4.59 0.00	39.40 -4.92 0.00	34.48 -3.66 0.00	25.23 -2.61 -0.10	23.85 -2.24 0.00	22.68 -1.81 0.00	21.85 -1.67 0.00	21.90 -1.83 0.00	22.02 -1.93 -0.13	20.05 -1.64 -0.98	20.04 -1.62 -1.43	22.49 -2.31 -1.92	31.55 -3.23 -1.12	35.14 -3.55 -1.32	35.09 -3.37 -1.45	31.61 -2.88 -0.99	27.59 -2.46 -1.08	28.00 -2.56 -0.08
OXBOW____ 24026	29.35 -2.55 0.00	26.82 -2.52 0.00	25.47 -2.43 0.00	24.99 -2.78 0.00	26.49 -2.65 0.00	30.33 -3.04 0.00	37.98 -4.55 0.00	39.40 -4.92 0.00	34.48 -3.66 0.00	25.23 -2.61 -0.10	23.87 -2.22 0.00	22.68 -1.81 0.00	21.85 -1.67 0.00	21.90 -1.83 0.00	22.02 -1.93 -0.13	20.05 -1.64 -0.98	20.04 -1.62 -1.43	22.49 -2.31 -1.92	31.55 -3.23 -1.12	35.14 -3.55 -1.32	35.09 -3.37 -1.45	31.61 -2.88 -0.99	27.65 -2.40 -1.08	28.03 -2.53 -0.08
OXY_CHEM_DSASP 323612	29.06 -2.84 0.00	26.55 -2.79 0.00	25.22 -2.68 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.03 -3.34 0.00	37.60 -4.93 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.04 -2.80 -0.10	23.64 -2.45 0.00	22.51 -1.98 0.00	21.67 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.63 -1.43	31.37 -3.12 -0.98	27.47 -2.58 -1.07	27.82 -2.74 -0.08
OZONE_PARK_ESR 323760	34.42 2.52 0.00	31.66 2.32 0.00	30.13 2.23 0.00	29.97 2.19 0.00	31.33 2.19 0.00	35.90 2.54 0.00	46.23 3.70 0.00	48.75 4.43 0.00	45.33 3.81 -3.38	49.96 2.80 -19.42	39.40 2.53 -10.77	38.84 2.33 -12.02	38.84 2.21 -13.10	38.84 2.23 -12.88	38.84 2.24 -12.78	38.81 1.97 -16.14	39.35 1.96 -17.16	51.88 2.27 -26.74	50.80 3.47 -13.68	50.81 3.85 -9.59	50.86 3.81 -10.04	43.81 3.42 -6.90	39.41 2.93 -7.51	34.06 3.02 -0.56
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	29.06 -2.84 0.00	26.55 -2.79 0.00	25.22 -2.68 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.03 -3.34 0.00	37.60 -4.93 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.04 -2.80 -0.10	23.64 -2.45 0.00	22.51 -1.98 0.00	21.67 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.63 -1.43	31.37 -3.12 -0.98	27.47 -2.58 -1.07	27.82 -2.74 -0.08
PACKARD__115KV_DUPONT_184 80571	29.06 -2.84 0.00	26.55 -2.79 0.00	25.22 -2.68 0.00	24.77 -3.00 0.00	26.23 -2.91 0.00	30.03 -3.34 0.00	37.60 -4.93 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	25.04 -2.80 -0.10	23.64 -2.45 0.00	22.51 -1.98 0.00	21.67 -1.86 0.00	21.71 -2.02 0.00	21.87 -2.07 -0.13	19.91 -1.76 -0.97	19.90 -1.74 -1.42	22.28 -2.49 -1.89	31.30 -3.47 -1.11	34.86 -3.81 -1.31	34.81 -3.63 -1.43	31.37 -3.12 -0.98	27.47 -2.58 -1.07	27.82 -2.74 -0.08
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.24 2.33 -0.01	31.49 2.14 -0.01	29.97 2.06 -0.01	29.81 2.03 -0.01	31.19 2.04 -0.01	35.74 2.37 -0.01	45.99 3.45 -0.01	48.53 4.21 -0.01	45.83 3.59 -4.10	53.85 2.61 -23.51	41.58 2.37 -13.12	41.31 2.18 -14.64	41.55 2.07 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.64 2.08 -29.68	51.85 3.23 -14.96	50.71 3.66 -9.68	50.72 3.66 -10.05	43.62 3.22 -6.90	39.25 2.75 -7.52	33.88 2.83 -0.57
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.40 2.49 -0.01	31.64 2.29 -0.01	30.11 2.20 -0.01	29.95 2.17 -0.01	31.31 2.16 -0.01	35.88 2.50 -0.01	46.16 3.62 -0.01	48.67 4.34 -0.01	45.94 3.70 -4.10	53.91 2.66 -23.51	41.61 2.40 -13.12	41.38 2.25 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.66 2.10 -29.68	51.89 3.26 -14.96	50.79 3.74 -9.68	50.79 3.74 -10.05	43.69 3.28 -6.90	39.28 2.78 -7.52	33.94 2.90 -0.57
PATROON__115KV_TB1 80586	32.80 0.89 0.00	30.16 0.82 0.00	28.68 0.78 0.00	28.58 0.81 0.00	30.02 0.87 0.00	34.37 1.00 0.00	43.81 1.28 0.00	45.82 1.51 0.00	39.48 1.33 0.00	29.62 1.03 -0.85	26.98 0.89 0.00	25.30 0.81 0.00	24.30 0.78 0.00	24.58 0.85 0.00	25.72 0.83 -1.07	29.53 0.72 -8.10	32.77 0.69 -11.86	39.48 0.76 -15.85	44.10 1.18 -9.26	49.58 1.27 -10.94	50.28 1.30 -11.98	42.87 1.14 -8.23	38.98 1.04 -8.96	32.25 1.10 -0.67
PATTRSNVILLE__SOLAR 323815	33.69 1.79 0.00	30.95 1.61 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.77 1.63 0.00	35.37 2.00 0.00	45.04 2.51 0.00	46.62 2.30 0.00	39.74 1.60 0.00	29.47 0.80 -0.93	26.77 0.68 0.00	25.08 0.59 0.00	24.16 0.64 0.00	24.51 0.78 0.00	25.74 0.76 -1.17	30.26 0.70 -8.85	33.91 0.73 -12.96	41.18 0.98 -17.32	45.63 1.85 -10.12	51.60 2.28 -11.95	52.43 2.33 -13.09	44.57 2.08 -8.99	40.51 1.74 -9.79	32.98 1.77 -0.73
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.96 -1.95 0.00	27.37 -1.97 0.00	25.98 -1.93 0.00	25.55 -2.22 0.00	26.99 -2.16 0.00	30.93 -2.44 0.00	38.83 -3.70 0.00	40.46 -3.86 0.00	35.32 -2.82 0.00	25.22 -2.64 -0.11	24.29 -1.80 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.13 -1.59 0.00	21.77 -2.19 -0.14	19.94 -1.84 -1.07	20.04 -1.76 -1.57	22.66 -2.33 -2.11	31.56 -3.33 -1.24	35.27 -3.55 -1.45	35.19 -3.40 -1.59	31.61 -2.98 -1.09	27.61 -2.55 -1.19	27.98 -2.59 -0.09
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	33.88 1.98 0.00	31.19 1.85 0.00	29.69 1.79 0.00	29.55 1.78 0.00	30.98 1.84 0.00	35.50 2.14 0.00	45.60 3.06 0.00	48.08 3.77 0.00	41.38 3.24 0.00	30.76 2.30 -0.72	28.13 2.04 0.00	26.35 1.86 0.00	25.29 1.76 0.00	25.48 1.76 0.00	26.50 1.79 -0.90	29.08 1.57 -6.80	31.79 1.60 -9.97	38.04 1.83 -13.33	44.31 2.86 -7.79	49.82 3.25 -9.20	50.30 3.22 -10.08	43.23 2.81 -6.92	38.92 2.40 -7.54	33.54 2.50 -0.56
PEEKSKILL____ 23653	33.82 1.91 0.00	31.07 1.73 0.00	29.60 1.70 0.00	29.47 1.69 0.00	30.83 1.69 0.00	35.37 2.00 0.00	45.38 2.85 0.00	47.90 3.59 0.00	41.30 3.05 -0.10	31.24 2.22 -1.28	28.43 2.01 -0.33	26.67 1.81 -0.37	25.64 1.72 -0.40	25.85 1.73 -0.39	26.81 1.74 -1.25	29.28 1.53 -7.04	31.88 1.54 -10.12	38.29 1.76 -13.65	44.34 2.76 -7.92	49.62 3.10 -9.15	50.09 3.07 -10.01	43.09 2.71 -6.87	38.81 2.35 -7.49	33.45 2.41 -0.56

PGE MADISON___WINDPWR 24146	34.01 2.11 0.00	31.19 1.85 0.00	29.55 1.65 0.00	29.44 1.67 0.00	30.92 1.78 0.00	35.60 2.24 0.00	45.55 3.02 0.00	47.24 2.92 0.00	40.24 2.10 0.00	28.72 0.78 -0.21	26.74 0.65 0.00	25.18 0.68 0.00	24.09 0.56 0.00	24.34 0.62 0.00	24.74 0.67 -0.26	23.28 0.60 -1.97	23.82 0.71 -2.89	27.63 0.89 -3.86	37.67 1.75 -2.26	42.16 2.13 -2.67	41.92 2.00 -2.92	37.18 1.67 -2.01	32.46 1.31 -2.18	31.95 1.31 -0.16
PIERCEFIELD___HYD 23852	31.23 -0.67 0.00	28.87 -0.47 0.00	27.34 -0.56 0.00	27.27 -0.50 0.00	28.65 -0.50 0.00	32.73 -0.63 0.00	41.60 -0.94 0.00	43.08 -1.24 0.00	36.88 -1.26 0.00	26.68 -1.05 0.00	25.13 -0.97 0.00	23.54 -0.96 0.00	22.63 -0.89 0.00	22.82 -0.90 0.00	22.93 -0.88 0.00	19.92 -0.79 0.00	19.45 -0.77 0.00	22.03 -0.85 0.00	32.38 -1.28 0.00	35.95 -1.42 0.00	35.60 -1.41 0.00	32.19 -1.31 0.00	27.84 -1.13 0.00	29.32 -1.16 0.00
PINELAWN_CC_1 323563	34.23 2.33 0.00	31.48 2.14 0.00	30.13 2.23 0.00	29.94 2.17 0.00	31.21 2.07 0.00	35.97 2.60 0.00	45.98 3.44 0.00	48.70 4.39 0.00	42.29 3.97 -0.18	32.39 2.88 -1.77	29.31 2.61 -0.60	27.57 2.40 -0.68	26.50 2.24 -0.74	26.68 2.23 -0.72	27.59 2.22 -1.56	29.98 1.97 -7.31	32.54 1.98 -10.34	39.18 2.27 -14.04	45.35 3.60 -8.09	50.44 3.89 -9.19	50.86 3.81 -10.05	44.06 3.65 -6.91	39.63 3.13 -7.52	34.15 3.11 -0.56
PJM_GEN_HTP_PROXY 323702	34.17 2.27 0.00	31.39 2.05 0.00	29.91 2.01 0.00	29.71 1.94 0.00	31.10 1.95 0.00	35.67 2.30 0.00	45.89 3.36 0.00	49.79 4.03 -1.44	42.73 3.47 -1.12	45.17 2.55 -14.88	36.55 2.30 -8.16	35.70 2.11 -9.10	35.44 2.00 -9.92	35.49 2.02 -9.76	35.74 2.02 -9.90	36.36 1.78 -13.87	37.41 1.78 -15.41	48.38 2.04 -23.47	49.03 3.13 -12.24	50.33 3.48 -9.49	50.49 3.44 -10.04	43.48 3.08 -6.90	39.15 2.66 -7.51	33.79 2.74 -0.56
PJM_GEN_KEystone 24065	31.87 -0.03 0.00	29.22 -0.12 0.00	27.79 -0.11 0.00	27.58 -0.19 0.00	28.97 -0.17 0.00	33.23 -0.13 0.00	42.24 -0.30 0.00	45.80 0.04 -1.44	37.13 0.19 1.20	29.57 0.08 -1.75	26.98 0.13 -0.76	25.51 0.17 -0.84	24.61 0.17 -0.92	24.70 0.07 -0.91	25.14 -0.05 -1.38	25.45 -0.02 -4.76	26.79 0.04 -6.52	31.80 -0.07 -8.99	38.81 0.03 -5.12	43.14 0.19 -5.58	43.27 0.19 -6.08	37.84 0.17 -4.18	33.67 0.15 -4.55	31.04 0.21 -0.34
PJM_GEN_NEPTUNE_PROXY 323594	33.98 2.07 0.00	31.25 1.91 0.00	29.88 1.98 0.00	29.69 1.91 0.00	30.98 1.84 0.00	35.67 2.30 0.00	45.55 3.02 0.00	49.65 3.90 -1.44	40.55 3.70 1.29	32.04 2.72 -1.58	29.07 2.48 -0.50	27.33 2.28 -0.56	26.29 2.16 -0.61	26.46 2.14 -0.60	27.40 2.14 -1.44	29.78 1.86 -7.21	32.35 1.86 -10.26	38.89 2.10 -13.90	44.92 3.23 -8.03	49.98 3.44 -9.18	50.42 3.37 -10.05	43.65 3.25 -6.90	39.31 2.81 -7.52	33.88 2.84 -0.56
PJM_GEN_VFT_PROXY 323633	34.20 2.30 0.00	31.42 2.08 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.10 1.95 0.00	35.70 2.33 0.00	45.94 3.40 0.00	49.83 4.07 -1.44	43.59 3.51 -1.94	49.74 2.58 -19.42	39.21 2.35 -10.77	38.67 2.16 -12.02	38.67 2.05 -13.10	38.67 2.06 -12.88	38.67 2.07 -12.78	38.67 1.82 -16.14	39.21 1.82 -17.16	51.68 2.06 -26.74	50.54 3.20 -13.68	50.47 3.51 -9.59	50.53 3.48 -10.04	43.54 3.15 -6.90	39.21 2.72 -7.51	33.88 2.84 -0.56
PLATSBURG_115KV_PMLD1 355749	32.09 0.19 0.00	29.72 0.38 0.00	28.21 0.31 0.00	28.13 0.36 0.00	29.61 0.47 0.00	33.87 0.50 0.00	43.00 0.47 0.00	44.58 0.27 0.00	38.33 0.19 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.54 0.05 0.00	23.57 0.05 0.00	23.72 0.00 0.00	23.70 -0.12 0.00	20.48 -0.23 0.00	19.90 -0.32 0.00	22.49 -0.39 0.00	32.88 -0.77 0.00	36.39 -0.97 0.00	36.01 -1.00 0.00	32.50 -1.01 0.00	28.08 -0.90 0.00	29.57 -0.91 0.00
PLEASANTVLY___LBMP 24000	33.53 1.63 0.00	30.81 1.47 0.00	29.35 1.45 0.00	29.22 1.44 0.00	30.60 1.46 0.00	35.03 1.67 0.00	44.96 2.42 0.00	47.37 3.06 0.00	40.73 2.59 0.00	30.39 1.91 -0.74	27.81 1.72 0.00	26.06 1.57 0.00	25.03 1.51 0.00	25.24 1.52 0.00	26.26 1.52 -0.92	29.03 1.35 -6.98	31.76 1.31 -10.22	38.06 1.51 -13.67	44.01 2.36 -7.99	49.46 2.65 -9.44	49.97 2.63 -10.34	42.94 2.35 -7.10	38.71 2.00 -7.73	33.13 2.07 -0.58
PLSNTVLE_13_KV_13.8KVDIST 80602	33.85 1.95 0.00	31.13 1.79 0.00	29.63 1.73 0.00	29.49 1.72 0.00	30.86 1.72 0.00	35.37 2.00 0.00	45.47 2.93 0.00	47.95 3.63 0.00	41.06 3.09 0.17	29.77 2.25 0.21	27.59 2.04 0.53	25.76 1.86 0.60	24.66 1.79 0.65	24.86 1.78 0.64	25.93 1.81 -0.31	28.62 1.57 -6.35	31.42 1.58 -9.62	37.36 1.81 -12.67	43.96 2.79 -7.50	49.69 3.14 -9.19	50.20 3.11 -10.09	43.21 2.78 -6.93	38.89 2.38 -7.54	33.48 2.44 -0.56
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.85 1.95 0.00	31.13 1.79 0.00	29.63 1.73 0.00	29.49 1.72 0.00	30.86 1.72 0.00	35.37 2.00 0.00	45.47 2.93 0.00	47.95 3.63 0.00	41.06 3.09 0.17	29.77 2.25 0.21	27.59 2.04 0.53	25.76 1.86 0.60	24.66 1.79 0.65	24.86 1.78 0.64	25.93 1.81 -0.31	28.62 1.57 -6.35	31.42 1.58 -9.62	37.36 1.81 -12.67	43.96 2.79 -7.50	49.69 3.14 -9.19	50.20 3.11 -10.09	43.21 2.78 -6.93	38.89 2.38 -7.54	33.48 2.44 -0.56
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.63 1.72 0.00	30.95 1.61 0.00	29.44 1.53 0.00	29.33 1.56 0.00	30.72 1.57 0.00	35.17 1.80 0.00	45.13 2.59 0.00	47.51 3.19 0.00	40.92 2.78 0.00	30.46 2.00 -0.72	27.87 1.77 0.00	26.11 1.62 0.00	25.05 1.53 0.00	25.27 1.54 0.00	26.32 1.60 -0.90	28.95 1.39 -6.86	31.64 1.38 -10.04	37.89 1.58 -13.43	44.00 2.49 -7.85	49.48 2.84 -9.27	49.97 2.81 -10.16	42.92 2.45 -6.97	38.66 2.09 -7.60	33.24 2.19 -0.56
POLETTI___ 23519	34.23 2.33 0.00	31.48 2.14 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.15 2.01 0.00	35.74 2.37 0.00	45.98 3.45 0.00	48.48 4.17 0.00	45.10 3.59 -3.37	49.79 2.64 -19.42	39.26 2.40 -10.77	38.71 2.20 -12.02	38.71 2.09 -13.10	38.71 2.11 -12.88	38.71 2.12 -12.78	38.69 1.84 -16.14	39.22 1.84 -17.16	51.74 2.13 -26.73	50.60 3.26 -13.68	50.54 3.59 -9.59	50.60 3.55 -10.04	43.61 3.22 -6.90	39.21 2.72 -7.51	33.88 2.83 -0.56
POMONA___ESR 323819	33.59 1.69 0.00	30.89 1.55 0.00	29.43 1.53 0.00	29.30 1.53 0.00	30.66 1.51 0.00	35.17 1.80 0.00	45.09 2.55 0.00	47.68 3.37 0.00	41.04 2.90 0.00	30.53 2.11 -0.69	27.97 1.88 0.00	26.21 1.71 0.00	25.15 1.62 0.00	25.34 1.61 0.00	26.32 1.64 -0.86	28.67 1.43 -6.54	31.25 1.46 -9.57	37.35 1.67 -12.80	43.73 2.59 -7.48	49.15 2.95 -8.84	49.61 2.92 -9.68	42.73 2.58 -6.65	38.45 2.23 -7.24	33.34 2.32 -0.54
PORT_JEFF_3 23555	34.20 2.30 0.00	31.45 2.11 0.00	30.22 2.31 0.00	30.02 2.25 0.00	31.27 2.13 0.00	36.07 2.70 0.00	46.19 3.66 0.00	48.97 4.65 0.00	42.15 3.85 -0.16	32.28 2.88 -1.66	29.22 2.58 -0.54	27.45 2.35 -0.60	26.30 2.12 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.49	29.80 1.84 -7.25	32.42 1.90 -10.29	39.04 2.20 -13.96	45.48 3.77 -8.06	50.66 4.11 -9.18	51.08 4.03 -10.05	44.32 3.92 -6.90	39.83 3.33 -7.52	34.21 3.17 -0.56

PORT_JEFF_4 23616	34.20 2.30 0.00	31.45 2.11 0.00	30.22 2.31 0.00	30.02 2.25 0.00	31.27 2.13 0.00	36.07 2.70 0.00	46.19 3.66 0.00	48.97 4.65 0.00	42.15 3.85 -0.16	32.28 2.88 -1.66	29.22 2.58 -0.54	27.45 2.35 -0.60	26.30 2.12 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.49	29.80 1.84 -7.25	32.42 1.90 -10.29	39.04 2.20 -13.96	45.48 3.77 -8.06	50.66 4.11 -9.18	51.08 4.03 -10.05	44.32 3.92 -6.90	39.83 3.33 -7.52	34.21 3.17 -0.56
PORT_JEFF_IC 23713	34.23 2.33 0.00	31.48 2.14 0.00	30.16 2.26 0.00	30.05 2.28 0.00	31.30 2.16 0.00	35.70 2.34 0.00	46.36 3.83 0.00	48.97 4.65 0.00	42.16 3.85 -0.16	32.29 2.88 -1.66	29.17 2.53 -0.54	27.48 2.38 -0.61	26.33 2.14 -0.66	26.51 2.14 -0.65	27.38 2.07 -1.49	29.80 1.84 -7.25	32.42 1.90 -10.30	39.06 2.22 -13.96	45.49 3.77 -8.06	50.70 4.15 -9.18	51.08 4.03 -10.05	44.36 3.95 -6.90	39.83 3.33 -7.52	34.09 3.05 -0.56
PPL_PILGRIM_ST_GT1 24216	34.36 2.46 0.00	31.60 2.26 0.00	30.30 2.40 0.00	30.10 2.33 0.00	31.36 2.21 0.00	36.17 2.80 0.00	46.28 3.74 0.00	49.01 4.70 0.00	42.39 4.08 -0.17	32.41 3.00 -1.68	29.33 2.69 -0.55	27.58 2.47 -0.62	26.45 2.26 -0.67	26.66 2.28 -0.66	27.58 2.26 -1.50	29.95 1.99 -7.26	32.54 2.02 -10.30	39.21 2.36 -13.97	45.56 3.84 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.36 3.95 -6.90	39.83 3.33 -7.52	34.30 3.26 -0.56
PPL_PILGRIM_ST_GT2 24217	34.36 2.46 0.00	31.60 2.26 0.00	30.30 2.40 0.00	30.10 2.33 0.00	31.36 2.21 0.00	36.17 2.80 0.00	46.28 3.74 0.00	49.01 4.70 0.00	42.39 4.08 -0.17	32.41 3.00 -1.68	29.33 2.69 -0.55	27.58 2.47 -0.62	26.45 2.26 -0.67	26.66 2.28 -0.66	27.58 2.26 -1.50	29.95 1.99 -7.26	32.54 2.02 -10.30	39.21 2.36 -13.97	45.56 3.84 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.36 3.95 -6.90	39.83 3.33 -7.52	34.30 3.26 -0.56
PPL_SHRM_GT3 24213	33.82 1.91 0.00	31.13 1.79 0.00	30.08 2.18 0.00	29.91 2.14 0.00	31.13 1.98 0.00	35.94 2.57 0.00	46.23 3.70 0.00	48.97 4.65 0.00	41.58 3.28 -0.16	32.01 2.61 -1.66	28.98 2.35 -0.54	27.23 2.13 -0.61	25.95 1.77 -0.66	26.15 1.78 -0.65	26.88 1.57 -1.49	29.38 1.43 -7.25	32.03 1.52 -10.29	38.62 1.79 -13.96	45.39 3.67 -8.06	50.59 4.04 -9.18	51.01 3.96 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.00 2.96 -0.56
PPL_SHRM_GT4 24214	33.82 1.91 0.00	31.13 1.79 0.00	30.08 2.18 0.00	29.91 2.14 0.00	31.13 1.98 0.00	35.94 2.57 0.00	46.23 3.70 0.00	48.97 4.65 0.00	41.58 3.28 -0.16	32.01 2.61 -1.66	28.98 2.35 -0.54	27.23 2.13 -0.61	25.95 1.77 -0.66	26.15 1.78 -0.65	26.88 1.57 -1.49	29.38 1.43 -7.25	32.03 1.52 -10.29	38.62 1.79 -13.96	45.39 3.67 -8.06	50.59 4.04 -9.18	51.01 3.96 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.00 2.96 -0.56
PROJECT___ORANGE 1 24174	31.49 -0.41 0.00	28.93 -0.41 0.00	27.51 -0.39 0.00	27.35 -0.42 0.00	28.74 -0.41 0.00	32.93 -0.43 0.00	42.02 -0.51 0.00	43.78 -0.53 0.00	37.72 -0.42 0.00	27.49 -0.31 -0.06	25.86 -0.23 0.00	24.32 -0.17 0.00	23.36 -0.16 0.00	23.53 -0.19 0.00	23.68 -0.21 -0.08	21.11 -0.17 -0.57	20.88 -0.18 -0.84	23.79 -0.21 -1.12	34.01 -0.30 -0.66	37.80 -0.34 -0.77	37.52 -0.33 -0.85	33.75 -0.34 -0.58	29.29 -0.32 -0.63	30.19 -0.34 -0.05
PROJECT___ORANGE 2 24166	31.49 -0.41 0.00	28.93 -0.41 0.00	27.51 -0.39 0.00	27.35 -0.42 0.00	28.74 -0.41 0.00	32.93 -0.43 0.00	42.02 -0.51 0.00	43.78 -0.53 0.00	37.72 -0.42 0.00	27.49 -0.31 -0.06	25.86 -0.23 0.00	24.32 -0.17 0.00	23.36 -0.16 0.00	23.53 -0.19 0.00	23.68 -0.21 -0.08	21.11 -0.17 -0.57	20.88 -0.18 -0.84	23.79 -0.21 -1.12	34.01 -0.30 -0.66	37.80 -0.34 -0.77	37.52 -0.33 -0.85	33.75 -0.34 -0.58	29.29 -0.32 -0.63	30.19 -0.34 -0.05
PUCKETT___SOLAR 323809	32.38 0.48 0.00	29.72 0.38 0.00	28.24 0.34 0.00	28.05 0.28 0.00	29.49 0.35 0.00	33.87 0.50 0.00	43.21 0.68 0.00	44.89 0.57 0.00	38.56 0.42 0.00	27.99 0.03 -0.22	26.14 0.05 0.00	24.59 0.10 0.00	23.62 0.09 0.00	23.77 0.05 0.00	24.09 0.00 -0.28	22.83 0.02 -2.10	23.38 0.08 -3.08	27.09 0.09 -4.12	36.40 0.34 -2.41	40.69 0.48 -2.84	40.60 0.48 -3.11	36.01 0.37 -2.14	31.56 0.26 -2.33	30.96 0.30 -0.17
PYRITES___HYD 24023	31.93 0.03 0.00	29.49 0.15 0.00	27.93 0.03 0.00	27.85 0.08 0.00	29.23 0.09 0.00	33.47 0.10 0.00	42.49 -0.04 0.00	43.96 -0.35 0.00	37.53 -0.61 0.00	27.07 -0.67 0.00	25.44 -0.65 0.00	23.83 -0.66 0.00	22.91 -0.61 0.00	23.13 -0.59 0.00	23.27 -0.55 0.00	20.23 -0.48 0.00	19.76 -0.47 0.00	22.44 -0.43 0.00	33.09 -0.57 0.00	36.77 -0.60 0.00	36.41 -0.59 0.00	32.93 -0.57 0.00	28.48 -0.49 0.00	29.96 -0.52 0.00
QUAKERRD_115KV_BK1 80622	30.18 -1.72 0.00	27.64 -1.70 0.00	26.28 -1.62 0.00	26.02 -1.75 0.00	27.42 -1.72 0.00	31.43 -1.94 0.00	39.81 -2.72 0.00	41.44 -2.88 0.00	35.89 -2.25 0.00	26.26 -1.55 -0.08	24.68 -1.41 0.00	23.32 -1.18 0.00	22.39 -1.13 0.00	22.54 -1.19 0.00	22.72 -1.19 -0.10	20.46 -0.99 -0.75	20.32 -0.99 -1.09	23.20 -1.14 -1.46	32.69 -1.82 -0.85	36.43 -1.94 -1.01	36.26 -1.85 -1.11	32.62 -1.64 -0.76	28.38 -1.42 -0.83	28.96 -1.59 -0.06
QUENSBRY_115KV_TB8 356137	33.82 1.91 0.00	31.07 1.73 0.00	29.52 1.62 0.00	29.41 1.64 0.00	31.13 1.98 0.00	35.84 2.47 0.00	45.77 3.23 0.00	47.64 3.32 0.00	40.81 2.67 0.00	30.39 1.78 -0.87	27.63 1.54 0.00	25.72 1.22 0.00	24.72 1.20 0.00	25.05 1.33 0.00	26.26 1.36 -1.09	30.27 1.28 -8.28	33.62 1.27 -12.12	40.46 1.37 -16.20	45.35 2.22 -9.47	51.13 2.58 -11.19	51.85 2.59 -12.26	44.09 2.18 -8.41	39.97 1.83 -9.17	33.05 1.89 -0.68
RAMAPO___LBMP 323565	33.47 1.56 0.00	30.78 1.44 0.00	29.30 1.40 0.00	29.19 1.42 0.00	30.54 1.40 0.00	35.00 1.63 0.00	44.92 2.38 0.00	47.46 3.15 0.00	40.85 2.71 0.00	30.42 2.00 -0.68	27.87 1.77 0.00	26.11 1.62 0.00	25.05 1.53 0.00	25.24 1.52 0.00	26.19 1.52 -0.86	28.53 1.35 -6.48	31.07 1.35 -9.50	37.16 1.58 -12.70	43.51 2.42 -7.42	48.90 2.77 -8.77	49.38 2.78 -9.60	42.54 2.45 -6.59	38.24 2.09 -7.18	33.18 2.16 -0.53
RANKINE____ 23646	29.93 -1.98 0.00	27.32 -2.02 0.00	25.95 -1.95 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.86 -2.50 0.00	38.71 -3.83 0.00	40.20 -4.12 0.00	35.17 -2.97 0.00	25.46 -2.39 -0.11	24.24 -1.85 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.16 -1.57 0.00	22.10 -1.86 -0.14	20.18 -1.57 -1.05	20.24 -1.52 -1.53	22.82 -2.13 -2.07	31.87 -3.00 -1.21	35.57 -3.21 -1.42	35.48 -3.07 -1.55	31.92 -2.65 -1.06	27.90 -2.23 -1.16	28.25 -2.32 -0.09
RAVENSWOOD_GT2_1 24244	34.20 2.30 0.00	31.42 2.08 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.76 3.51 -4.11	53.80 2.55 -23.51	41.54 2.32 -13.13	41.29 2.16 -14.65	41.53 2.05 -15.96	41.46 2.04 -15.70	41.24 2.05 -15.38	40.69 1.80 -18.19	40.77 1.80 -18.74	54.62 2.06 -29.68	51.83 3.20 -14.97	50.60 3.55 -9.68	50.56 3.52 -10.04	43.55 3.15 -6.90	39.18 2.69 -7.51	33.85 2.80 -0.56

RAVENSWOOD_GT2_2 24245	34.20 2.30 0.00	31.42 2.08 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.76 3.51 -4.11	53.80 2.55 -23.51	41.54 2.32 -13.13	41.29 2.16 -14.65	41.53 2.05 -15.96	41.46 2.04 -15.70	41.24 2.05 -15.38	40.69 1.80 -18.19	40.77 1.80 -18.74	54.62 2.06 -29.68	51.83 3.20 -14.97	50.60 3.55 -9.68	50.56 3.52 -10.04	43.55 3.15 -6.90	39.18 2.69 -7.51	33.85 2.80 -0.56
RAVENSWOOD_GT2_3 24246	34.20 2.30 0.00	31.45 2.11 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.15 2.01 0.00	35.70 2.34 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.80 3.55 -4.11	53.82 2.58 -23.51	41.57 2.35 -13.13	41.29 2.16 -14.65	41.53 2.05 -15.96	41.48 2.06 -15.70	41.27 2.07 -15.38	40.71 1.82 -18.19	40.79 1.82 -18.74	54.64 2.08 -29.68	51.83 3.20 -14.97	50.60 3.55 -9.68	50.56 3.52 -10.04	43.58 3.18 -6.90	39.18 2.69 -7.51	33.85 2.80 -0.56
RAVENSWOOD_GT2_4 24247	34.20 2.30 0.00	31.45 2.11 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.15 2.01 0.00	35.70 2.34 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.80 3.55 -4.11	53.82 2.58 -23.51	41.57 2.35 -13.13	41.29 2.16 -14.65	41.53 2.05 -15.96	41.48 2.06 -15.70	41.27 2.07 -15.38	40.71 1.82 -18.19	40.79 1.82 -18.74	54.64 2.08 -29.68	51.83 3.20 -14.97	50.60 3.55 -9.68	50.56 3.52 -10.04	43.58 3.18 -6.90	39.18 2.69 -7.51	33.85 2.80 -0.56
RAVENSWOOD_GT3_1 24248	34.20 2.30 0.00	31.45 2.11 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.76 3.51 -4.11	53.82 2.58 -23.51	41.54 2.32 -13.13	41.29 2.16 -14.65	41.53 2.05 -15.96	41.46 2.04 -15.70	41.27 2.07 -15.38	40.69 1.80 -18.19	40.77 1.80 -18.74	54.62 2.06 -29.68	51.83 3.20 -14.97	50.60 3.55 -9.68	50.56 3.52 -10.04	43.55 3.15 -6.90	39.18 2.69 -7.51	33.85 2.80 -0.56
RAVENSWOOD_GT3_2 24249	34.20 2.30 0.00	31.45 2.11 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.76 3.51 -4.11	53.82 2.58 -23.51	41.54 2.32 -13.13	41.29 2.16 -14.65	41.53 2.05 -15.96	41.46 2.04 -15.70	41.27 2.07 -15.38	40.69 1.80 -18.19	40.77 1.80 -18.74	54.62 2.06 -29.68	51.83 3.20 -14.97	50.60 3.55 -9.68	50.56 3.52 -10.04	43.55 3.15 -6.90	39.18 2.69 -7.51	33.85 2.80 -0.56
RAVENSWOOD_GT3_3 24250	34.23 2.33 0.00	31.48 2.14 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.18 2.04 0.00	35.74 2.37 0.00	45.98 3.45 0.00	48.48 4.17 0.00	45.84 3.59 -4.11	53.85 2.61 -23.51	41.59 2.37 -13.13	41.32 2.18 -14.65	41.56 2.07 -15.96	41.51 2.09 -15.70	41.29 2.10 -15.38	40.71 1.82 -18.19	40.79 1.82 -18.74	54.66 2.10 -29.68	51.86 3.23 -14.97	50.64 3.59 -9.68	50.60 3.55 -10.04	43.61 3.22 -6.90	39.21 2.72 -7.51	33.88 2.83 -0.56
RAVENSWOOD_GT3_4 24251	34.23 2.33 0.00	31.48 2.14 0.00	29.97 2.06 0.00	29.80 2.03 0.00	31.18 2.04 0.00	35.74 2.37 0.00	45.98 3.45 0.00	48.48 4.17 0.00	45.84 3.59 -4.11	53.85 2.61 -23.51	41.59 2.37 -13.13	41.32 2.18 -14.65	41.56 2.07 -15.96	41.51 2.09 -15.70	41.29 2.10 -15.38	40.71 1.82 -18.19	40.79 1.82 -18.74	54.66 2.10 -29.68	51.86 3.23 -14.97	50.64 3.59 -9.68	50.60 3.55 -10.04	43.61 3.22 -6.90	39.21 2.72 -7.51	33.88 2.83 -0.56
RAVENSWOOD_GT_1 23729	37.28 2.46 -2.92	34.03 2.26 -2.44	31.07 2.18 -1.00	29.92 2.14 -0.01	31.31 2.16 -0.01	35.88 2.50 -0.01	46.25 3.62 -0.11	48.67 4.34 -0.01	48.60 3.74 -6.72	53.96 2.72 -23.51	47.80 2.48 -19.23	47.84 2.28 -21.07	47.87 2.16 -22.18	48.40 2.18 -22.50	47.92 2.19 -21.91	47.84 1.93 -25.21	48.50 1.92 -26.36	54.73 2.17 -29.68	53.93 3.37 -16.90	50.82 3.77 -9.68	50.79 3.74 -10.05	45.28 3.35 -8.43	41.18 2.84 -9.37	37.06 2.96 -3.62
RAVENSWOOD_GT_10 24258	34.34 2.30 -0.14	31.48 2.08 -0.05	29.96 2.04 -0.02	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 -0.01	48.39 4.08 0.00	46.03 3.51 -4.38	53.80 2.55 -23.51	42.13 2.32 -13.71	41.89 2.13 -15.26	42.10 2.02 -16.55	42.11 2.04 -16.35	41.86 2.05 -16.00	41.37 1.80 -18.86	41.49 1.80 -19.47	54.62 2.06 -29.68	52.05 3.20 -15.19	50.60 3.55 -9.68	50.56 3.52 -10.05	43.62 3.15 -6.97	39.27 2.69 -7.60	33.97 2.77 -0.71
RAVENSWOOD_GT_11 24259	34.34 2.30 -0.14	31.48 2.08 -0.05	29.96 2.04 -0.02	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 -0.01	48.39 4.08 0.00	46.03 3.51 -4.38	53.80 2.55 -23.51	42.13 2.32 -13.71	41.89 2.13 -15.26	42.10 2.02 -16.55	42.11 2.04 -16.35	41.86 2.05 -16.00	41.37 1.80 -18.86	41.49 1.80 -19.47	54.62 2.06 -29.68	52.05 3.20 -15.19	50.60 3.55 -9.68	50.56 3.52 -10.05	43.62 3.15 -6.97	39.27 2.69 -7.60	33.97 2.77 -0.71
RAVENSWOOD_GT_4 24252	36.39 2.27 -2.23	33.25 2.05 -1.85	30.67 2.01 -0.76	29.75 1.97 -0.01	31.10 1.95 -0.01	35.68 2.30 -0.01	45.97 3.36 -0.08	48.40 4.08 -0.01	47.71 3.47 -6.10	53.80 2.55 -23.51	46.16 2.30 -17.77	46.16 2.13 -19.53	46.24 2.02 -20.70	46.62 2.02 -20.88	46.19 2.02 -20.35	46.02 1.78 -23.53	46.54 1.78 -24.54	54.59 2.04 -29.68	53.26 3.16 -16.44	50.56 3.51 -9.68	50.53 3.48 -10.05	44.68 3.12 -8.06	40.57 2.67 -8.93	36.12 2.74 -2.89
RAVENSWOOD_GT_5 24254	36.39 2.27 -2.23	33.25 2.05 -1.85	30.67 2.01 -0.76	29.75 1.97 -0.01	31.10 1.95 -0.01	35.68 2.30 -0.01	45.97 3.36 -0.08	48.40 4.08 -0.01	47.71 3.47 -6.10	53.80 2.55 -23.51	46.16 2.30 -17.77	46.16 2.13 -19.53	46.24 2.02 -20.70	46.62 2.02 -20.88	46.19 2.02 -20.35	46.02 1.78 -23.53	46.54 1.78 -24.54	54.59 2.04 -29.68	53.26 3.16 -16.44	50.56 3.51 -9.68	50.53 3.48 -10.05	44.68 3.12 -8.06	40.57 2.67 -8.93	36.12 2.74 -2.89
RAVENSWOOD_GT_6 24253	36.39 2.27 -2.23	33.25 2.05 -1.85	30.67 2.01 -0.76	29.75 1.97 -0.01	31.10 1.95 -0.01	35.68 2.30 -0.01	45.97 3.36 -0.08	48.40 4.08 -0.01	47.71 3.47 -6.10	53.80 2.55 -23.51	46.16 2.30 -17.77	46.16 2.13 -19.53	46.24 2.02 -20.70	46.62 2.02 -20.88	46.19 2.02 -20.35	46.02 1.78 -23.53	46.54 1.78 -24.54	54.59 2.04 -29.68	53.26 3.16 -16.44	50.56 3.51 -9.68	50.53 3.48 -10.05	44.68 3.12 -8.06	40.57 2.67 -8.93	36.12 2.74 -2.89
RAVENSWOOD_GT_7 24255	36.39 2.27 -2.23	33.25 2.05 -1.85	30.67 2.01 -0.76	29.75 1.97 -0.01	31.10 1.95 -0.01	35.68 2.30 -0.01	45.97 3.36 -0.08	48.40 4.08 -0.01	47.71 3.47 -6.10	53.80 2.55 -23.51	46.16 2.30 -17.77	46.16 2.13 -19.53	46.24 2.02 -20.70	46.62 2.02 -20.88	46.19 2.02 -20.35	46.02 1.78 -23.53	46.54 1.78 -24.54	54.59 2.04 -29.68	53.26 3.16 -16.44	50.56 3.51 -9.68	50.53 3.48 -10.05	44.68 3.12 -8.06	40.57 2.67 -8.93	36.12 2.74 -2.89
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.34 2.30 -0.14	31.48 2.08 -0.05	29.96 2.04 -0.02	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 -0.01	48.39 4.08 0.00	46.03 3.51 -4.38	53.80 2.55 -23.51	42.13 2.32 -13.71	41.89 2.13 -15.26	42.10 2.02 -16.55	42.11 2.04 -16.35	41.86 2.05 -16.00	41.37 1.80 -18.86	41.49 1.80 -19.47	54.62 2.06 -29.68	52.05 3.20 -15.19	50.60 3.55 -9.68	50.56 3.52 -10.05	43.62 3.15 -6.97	39.27 2.69 -7.60	33.97 2.77 -0.71

RAVENSWOOD_GT_9 24257	34.34 2.30 -0.14	31.48 2.08 -0.05	29.96 2.04 -0.02	29.77 2.00 0.00	31.13 1.98 0.00	35.70 2.34 0.00	45.94 3.40 -0.01	48.39 4.08 0.00	46.03 3.51 -4.38	53.80 2.55 -23.51	42.13 2.32 -13.71	41.89 2.13 -15.26	42.10 2.02 -16.55	42.11 2.04 -16.35	41.86 2.05 -16.00	41.37 1.80 -18.86	41.49 1.80 -19.47	54.62 2.06 -29.68	52.05 3.20 -15.19	50.60 3.55 -9.68	50.56 3.52 -10.05	43.62 3.15 -6.97	39.27 2.69 -7.60	33.97 2.77 -0.71
RAVENSWOOD___1 23533	35.84 2.49 -1.45	32.12 2.26 -0.52	30.32 2.20 -0.22	29.92 2.14 -0.01	31.31 2.16 -0.01	35.91 2.53 -0.01	46.20 3.61 -0.06	48.67 4.35 -0.01	48.67 3.70 -6.83	53.97 2.72 -23.51	47.60 2.48 -19.03	47.60 2.28 -20.83	47.60 2.16 -21.92	48.13 2.18 -22.23	47.60 2.19 -21.60	47.60 1.93 -24.97	48.13 1.90 -26.01	54.73 2.17 -29.68	54.23 3.37 -17.21	50.78 3.74 -9.68	50.76 3.70 -10.05	44.51 3.35 -7.66	40.28 2.87 -8.44	35.51 2.96 -2.07
RAVENSWOOD___2 23534	35.78 2.42 -1.46	32.07 2.20 -0.52	30.27 2.15 -0.22	29.86 2.08 -0.01	31.25 2.10 -0.01	35.84 2.47 -0.01	46.12 3.53 -0.06	48.58 4.25 -0.01	48.60 3.63 -6.84	53.91 2.66 -23.51	47.57 2.43 -19.05	47.58 2.23 -20.85	47.58 2.12 -21.94	48.11 2.14 -22.25	47.58 2.14 -21.62	47.58 1.88 -25.00	48.12 1.86 -26.04	54.68 2.13 -29.68	54.17 3.30 -17.21	50.71 3.66 -9.68	50.72 3.66 -10.05	44.45 3.28 -7.66	40.22 2.81 -8.44	35.46 2.90 -2.08
RAVENSWOOD___3 23535	34.20 2.30 0.00	31.45 2.11 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.15 2.01 0.00	35.74 2.37 0.00	45.94 3.40 0.00	48.44 4.12 0.00	45.76 3.51 -4.11	53.83 2.58 -23.51	41.57 2.35 -13.13	41.30 2.16 -14.65	41.53 2.05 -15.96	41.48 2.06 -15.70	41.27 2.07 -15.38	40.69 1.80 -18.19	40.77 1.80 -18.74	54.62 2.06 -29.68	51.83 3.20 -14.97	50.60 3.55 -9.68	50.57 3.52 -10.04	43.58 3.18 -6.90	39.21 2.72 -7.51	33.84 2.80 -0.56
RAVENSWOOD___4 23820	34.37 2.46 -0.01	30.24 2.26 1.36	29.53 2.18 0.55	29.92 2.14 -0.01	31.28 2.13 -0.01	35.88 2.50 -0.01	46.16 3.61 -0.01	48.67 4.35 -0.01	48.78 3.70 -6.94	53.94 2.69 -23.51	47.43 2.48 -18.86	47.40 2.28 -20.62	47.36 2.16 -21.68	47.87 2.23 -21.99	47.30 2.17 -21.31	47.37 1.90 -24.77	47.82 1.90 -25.69	54.73 2.17 -29.68	54.51 3.33 -17.52	50.78 3.74 -9.68	50.76 3.70 -10.05	43.75 3.35 -6.90	39.36 2.87 -7.52	33.99 2.96 -0.55
RCPL_TRUST___DRP 24196	34.30 2.39 0.00	31.60 2.26 0.00	30.02 2.12 0.00	29.88 2.11 0.00	31.27 2.13 0.00	35.87 2.50 0.00	46.19 3.66 0.00	48.70 4.39 0.00	44.51 3.81 -2.56	45.42 2.80 -14.88	36.78 2.53 -8.16	35.92 2.33 -9.10	35.66 2.21 -9.92	35.71 2.23 -9.76	35.95 2.24 -9.90	36.54 1.97 -13.87	37.59 1.96 -15.41	48.59 2.24 -23.47	49.33 3.43 -12.24	50.63 3.77 -9.49	50.79 3.74 -10.04	43.68 3.28 -6.90	39.27 2.78 -7.51	33.91 2.87 -0.56
RED___ROCHESTER 323720	30.76 -1.15 0.00	28.17 -1.17 0.00	26.76 -1.15 0.00	26.49 -1.28 0.00	27.92 -1.22 0.00	32.06 -1.30 0.00	40.45 -2.08 0.00	42.10 -2.21 0.00	36.54 -1.60 0.00	26.71 -1.11 -0.08	25.13 -0.96 0.00	23.78 -0.71 0.00	22.84 -0.68 0.00	22.99 -0.74 0.00	23.18 -0.74 -0.10	20.87 -0.60 -0.77	20.72 -0.63 -1.13	23.63 -0.75 -1.50	33.33 -1.21 -0.88	37.13 -1.27 -1.04	37.00 -1.15 -1.14	33.28 -1.00 -0.78	28.93 -0.90 -0.85	29.54 -1.01 -0.06
REGAN___SOLAR 323812	34.23 2.33 0.00	31.45 2.11 0.00	29.82 1.92 0.00	29.74 1.97 0.00	31.27 2.13 0.00	36.00 2.64 0.00	45.85 3.32 0.00	47.46 3.15 0.00	40.47 2.33 0.00	29.99 1.30 -0.95	27.21 1.12 0.00	25.45 0.95 0.00	24.49 0.96 0.00	24.84 1.12 0.00	26.10 1.10 -1.18	30.75 1.06 -8.99	34.46 1.07 -13.16	41.82 1.35 -17.59	46.37 2.42 -10.28	52.42 2.92 -12.14	53.30 3.00 -13.30	45.28 2.65 -9.13	41.12 2.20 -9.95	33.45 2.22 -0.74
RENSSELAER___COGEN 23796	32.67 0.76 0.00	30.04 0.70 0.00	28.60 0.70 0.00	28.47 0.69 0.00	29.90 0.76 0.00	34.20 0.83 0.00	43.64 1.10 0.00	45.64 1.33 0.00	39.32 1.18 0.00	29.50 0.91 -0.84	26.87 0.78 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.61 0.74 -1.06	29.37 0.64 -8.02	32.58 0.61 -11.75	39.26 0.66 -15.71	43.89 1.04 -9.19	49.32 1.12 -10.84	49.98 1.11 -11.87	42.65 1.00 -8.15	38.75 0.90 -8.88	32.12 0.98 -0.66
REPUBLIC_115KV_BARTNBRK 55605	34.65 2.74 0.00	31.83 2.49 0.00	30.19 2.29 0.00	30.08 2.31 0.00	31.88 2.74 0.00	36.80 3.44 0.00	46.96 4.42 0.00	48.75 4.43 0.00	41.65 3.51 0.00	30.83 2.22 -0.87	27.97 1.88 0.00	25.94 1.45 0.00	24.96 1.43 0.00	25.31 1.59 0.00	26.55 1.64 -1.09	30.55 1.57 -8.27	33.94 1.60 -12.12	40.86 1.78 -16.20	46.16 3.03 -9.47	52.06 3.51 -11.18	52.84 3.59 -12.25	44.86 2.95 -8.41	40.60 2.46 -9.16	33.69 2.53 -0.68
REVERE_CPPR_DRP 24186	32.83 0.93 0.00	30.13 0.79 0.00	28.63 0.73 0.00	28.55 0.78 0.00	29.99 0.85 0.00	34.40 1.03 0.00	43.98 1.45 0.00	45.78 1.46 0.00	39.13 0.99 0.00	28.13 0.36 -0.03	26.46 0.37 0.00	24.86 0.37 0.00	23.85 0.33 0.00	24.13 0.40 0.00	24.29 0.43 -0.04	21.40 0.37 -0.33	21.10 0.40 -0.48	24.04 0.53 -0.64	34.97 0.94 -0.37	38.93 1.12 -0.44	38.60 1.11 -0.48	34.77 0.94 -0.33	30.06 0.72 -0.36	31.18 0.67 -0.03
REYNOLDS_115KV_TB3 80639	32.96 1.05 0.00	30.28 0.94 0.00	28.79 0.89 0.00	28.72 0.94 0.00	30.13 0.99 0.00	34.50 1.13 0.00	44.07 1.53 0.00	46.13 1.82 0.00	39.67 1.53 0.00	29.75 1.17 -0.85	27.11 1.02 0.00	25.42 0.93 0.00	24.42 0.89 0.00	24.67 0.95 0.00	25.83 0.95 -1.06	29.56 0.83 -8.03	32.78 0.79 -11.76	39.49 0.89 -15.72	44.23 1.38 -9.19	49.75 1.53 -10.85	50.41 1.52 -11.89	43.03 1.37 -8.16	39.08 1.22 -8.89	32.42 1.28 -0.66
RIVERBAY____ 323610	34.40 2.49 -0.01	31.64 2.29 -0.01	30.11 2.20 -0.01	29.95 2.17 -0.01	31.31 2.16 -0.01	35.88 2.50 -0.01	46.16 3.62 -0.01	48.67 4.34 -0.01	45.94 3.70 -4.10	53.91 2.66 -23.51	41.61 2.40 -13.12	41.38 2.25 -14.64	41.57 2.09 -15.95	41.50 2.09 -15.69	41.28 2.10 -15.37	40.73 1.84 -18.18	40.80 1.84 -18.74	54.66 2.10 -29.68	51.89 3.26 -14.96	50.79 3.74 -9.68	50.79 3.74 -10.05	43.69 3.28 -6.90	39.28 2.78 -7.52	33.94 2.90 -0.57
RIVERSDE_115KV_TB3 55908	32.83 0.93 0.00	30.16 0.82 0.00	28.71 0.81 0.00	28.60 0.83 0.00	30.05 0.90 0.00	34.37 1.00 0.00	43.85 1.32 0.00	45.91 1.60 0.00	39.51 1.37 0.00	29.64 1.05 -0.85	27.01 0.91 0.00	25.35 0.86 0.00	24.35 0.82 0.00	24.60 0.88 0.00	25.73 0.86 -1.06	29.50 0.75 -8.05	32.72 0.71 -11.79	39.43 0.80 -15.75	44.08 1.21 -9.21	49.59 1.35 -10.88	50.25 1.33 -11.91	42.85 1.17 -8.18	38.96 1.07 -8.91	32.30 1.16 -0.66
ROARING___BROOK_WT_PWR 323790	31.58 -0.32 0.00	29.10 -0.24 0.00	27.68 -0.22 0.00	27.55 -0.22 0.00	28.85 -0.29 0.00	32.90 -0.47 0.00	41.68 -0.85 0.00	43.25 -1.06 0.00	37.19 -0.95 0.00	27.05 -0.69 0.00	25.44 -0.65 0.00	23.83 -0.66 0.00	22.87 -0.66 0.00	23.03 -0.69 0.00	23.10 -0.71 0.00	20.08 -0.62 0.00	19.60 -0.63 0.00	22.19 -0.69 0.00	32.61 -1.04 0.00	36.17 -1.20 0.00	35.82 -1.19 0.00	32.40 -1.10 0.00	28.02 -0.96 0.00	29.48 -1.01 0.00

ROCHESRG_115KV_T4 355643	30.50 -1.40 0.00	27.93 -1.41 0.00	26.53 -1.37 0.00	26.27 -1.50 0.00	27.69 -1.46 0.00	31.73 -1.63 0.00	40.11 -2.42 0.00	41.70 -2.61 0.00	36.16 -1.98 0.00	26.52 -1.30 -0.08	24.92 -1.17 0.00	23.56 -0.93 0.00	22.65 -0.87 0.00	22.77 -0.95 0.00	22.99 -0.93 -0.10	20.70 -0.77 -0.76	20.55 -0.79 -1.12	23.46 -0.92 -1.49	33.02 -1.51 -0.87	36.79 -1.61 -1.03	36.62 -1.52 -1.13	32.97 -1.31 -0.78	28.69 -1.13 -0.85	29.30 -1.25 -0.06
ROCHESTER_9_IC 23652	30.66 -1.24 0.00	28.05 -1.29 0.00	26.67 -1.23 0.00	26.38 -1.39 0.00	27.80 -1.34 0.00	31.90 -1.47 0.00	40.32 -2.21 0.00	41.92 -2.39 0.00	36.35 -1.79 0.00	26.65 -1.17 -0.08	25.05 -1.04 0.00	23.68 -0.81 0.00	22.75 -0.78 0.00	22.89 -0.83 0.00	23.08 -0.83 -0.10	20.79 -0.68 -0.77	20.64 -0.71 -1.13	23.56 -0.82 -1.50	33.16 -1.38 -0.88	36.99 -1.42 -1.04	36.85 -1.30 -1.14	33.14 -1.14 -0.78	28.84 -0.99 -0.85	29.42 -1.13 -0.06
ROCKVIEW_13_KV_LD 356306	34.07 2.17 0.00	31.31 1.97 0.00	29.80 1.90 0.00	29.66 1.89 0.00	31.04 1.89 0.00	35.57 2.20 0.00	45.77 3.23 0.00	48.26 3.94 0.00	41.53 3.39 0.00	30.92 2.47 -0.71	28.31 2.22 0.00	26.55 2.06 0.00	25.48 1.95 0.00	25.69 1.97 0.00	26.69 1.98 -0.89	29.20 1.72 -6.78	31.87 1.72 -9.93	38.15 1.99 -13.28	44.49 3.06 -7.76	49.97 3.44 -9.17	50.45 3.40 -10.04	43.44 3.05 -6.90	39.07 2.58 -7.51	33.69 2.65 -0.56
ROME____115KV_TB2 80656	32.83 0.93 0.00	30.13 0.79 0.00	28.63 0.73 0.00	28.55 0.78 0.00	29.99 0.85 0.00	34.40 1.03 0.00	43.98 1.45 0.00	45.78 1.46 0.00	39.13 0.99 0.00	28.13 0.36 -0.03	26.46 0.37 0.00	24.86 0.37 0.00	23.85 0.33 0.00	24.13 0.40 0.00	24.29 0.43 -0.04	21.40 0.37 -0.33	21.10 0.40 -0.48	24.04 0.53 -0.64	34.97 0.94 -0.37	38.93 1.12 -0.44	38.60 1.11 -0.48	34.77 0.94 -0.33	30.06 0.72 -0.36	31.18 0.67 -0.03
ROSETON___1 23587	33.47 1.56 0.00	30.75 1.41 0.00	29.30 1.39 0.00	29.16 1.39 0.00	30.54 1.40 0.00	34.97 1.60 0.00	44.87 2.34 0.00	47.29 2.97 0.00	40.70 2.56 0.00	30.31 1.86 -0.71	27.79 1.70 0.00	26.04 1.54 0.00	24.98 1.46 0.00	25.19 1.47 0.00	26.18 1.48 -0.89	28.75 1.31 -6.74	31.39 1.30 -9.87	37.56 1.49 -13.20	43.66 2.29 -7.72	49.10 2.61 -9.11	49.58 2.59 -9.98	42.66 2.31 -6.85	38.41 1.97 -7.47	33.08 2.04 -0.56
ROSETON___2 23588	33.47 1.56 0.00	30.75 1.41 0.00	29.30 1.39 0.00	29.16 1.39 0.00	30.54 1.40 0.00	34.97 1.60 0.00	44.87 2.34 0.00	47.29 2.97 0.00	40.70 2.56 0.00	30.31 1.86 -0.71	27.79 1.70 0.00	26.04 1.54 0.00	24.98 1.46 0.00	25.19 1.47 0.00	26.18 1.48 -0.89	28.75 1.31 -6.74	31.39 1.30 -9.87	37.56 1.49 -13.20	43.66 2.29 -7.72	49.10 2.61 -9.11	49.58 2.59 -9.98	42.66 2.31 -6.85	38.41 1.97 -7.47	33.08 2.04 -0.56
ROTRRDAM_115KV_TB3 80664	32.89 0.99 0.00	30.22 0.88 0.00	28.77 0.86 0.00	28.63 0.86 0.00	30.05 0.90 0.00	34.43 1.07 0.00	43.98 1.45 0.00	45.91 1.60 0.00	39.44 1.30 0.00	29.54 0.92 -0.88	26.93 0.83 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.48 0.76 0.00	25.68 0.76 -1.10	29.76 0.68 -8.37	33.15 0.67 -12.26	40.07 0.80 -16.39	44.52 1.28 -9.58	50.10 1.42 -11.32	50.85 1.44 -12.40	43.28 1.27 -8.51	39.32 1.07 -9.27	32.30 1.13 -0.69
RUSSELL___1 23602	30.79 -1.12 0.00	28.17 -1.17 0.00	26.76 -1.14 0.00	26.49 -1.28 0.00	27.92 -1.22 0.00	32.03 -1.33 0.00	40.49 -2.04 0.00	42.10 -2.22 0.00	36.54 -1.60 0.00	26.77 -1.05 -0.08	25.15 -0.94 0.00	23.78 -0.71 0.00	22.84 -0.68 0.00	22.99 -0.74 0.00	23.18 -0.74 -0.10	20.87 -0.60 -0.77	20.72 -0.63 -1.13	23.63 -0.76 -1.50	33.29 -1.25 -0.88	37.14 -1.27 -1.04	37.00 -1.15 -1.14	33.28 -1.01 -0.78	28.96 -0.87 -0.85	29.54 -1.01 -0.06
RUSSELL___2 23532	30.79 -1.12 0.00	28.17 -1.17 0.00	26.76 -1.14 0.00	26.49 -1.28 0.00	27.92 -1.22 0.00	32.03 -1.33 0.00	40.49 -2.04 0.00	42.10 -2.22 0.00	36.54 -1.60 0.00	26.77 -1.05 -0.08	25.15 -0.94 0.00	23.78 -0.71 0.00	22.84 -0.68 0.00	22.99 -0.74 0.00	23.18 -0.74 -0.10	20.87 -0.60 -0.77	20.72 -0.63 -1.13	23.63 -0.76 -1.50	33.29 -1.25 -0.88	37.14 -1.27 -1.04	37.00 -1.15 -1.14	33.28 -1.01 -0.78	28.96 -0.87 -0.85	29.54 -1.01 -0.06
RUSSELL___3 23549	30.79 -1.12 0.00	28.17 -1.17 0.00	26.76 -1.14 0.00	26.49 -1.28 0.00	27.92 -1.22 0.00	32.03 -1.33 0.00	40.49 -2.04 0.00	42.10 -2.22 0.00	36.54 -1.60 0.00	26.77 -1.05 -0.08	25.15 -0.94 0.00	23.78 -0.71 0.00	22.84 -0.68 0.00	22.99 -0.74 0.00	23.18 -0.74 -0.10	20.87 -0.60 -0.77	20.72 -0.63 -1.13	23.63 -0.76 -1.50	33.29 -1.25 -0.88	37.14 -1.27 -1.04	37.00 -1.15 -1.14	33.28 -1.01 -0.78	28.96 -0.87 -0.85	29.54 -1.01 -0.06
RUSSELL___4 23556	30.79 -1.12 0.00	28.17 -1.17 0.00	26.76 -1.14 0.00	26.49 -1.28 0.00	27.92 -1.22 0.00	32.03 -1.33 0.00	40.49 -2.04 0.00	42.10 -2.22 0.00	36.54 -1.60 0.00	26.77 -1.05 -0.08	25.15 -0.94 0.00	23.78 -0.71 0.00	22.84 -0.68 0.00	22.99 -0.74 0.00	23.18 -0.74 -0.10	20.87 -0.60 -0.77	20.72 -0.63 -1.13	23.63 -0.76 -1.50	33.29 -1.25 -0.88	37.14 -1.27 -1.04	37.00 -1.15 -1.14	33.28 -1.01 -0.78	28.96 -0.87 -0.85	29.54 -1.01 -0.06
RUSSELL___STATION 23914	30.79 -1.12 0.00	28.17 -1.17 0.00	26.76 -1.14 0.00	26.49 -1.28 0.00	27.92 -1.22 0.00	32.03 -1.33 0.00	40.49 -2.04 0.00	42.10 -2.22 0.00	36.54 -1.60 0.00	26.77 -1.05 -0.08	25.15 -0.94 0.00	23.78 -0.71 0.00	22.84 -0.68 0.00	22.99 -0.74 0.00	23.18 -0.74 -0.10	20.87 -0.60 -0.77	20.72 -0.63 -1.13	23.63 -0.76 -1.50	33.29 -1.25 -0.88	37.14 -1.27 -1.04	37.00 -1.15 -1.14	33.28 -1.01 -0.78	28.96 -0.87 -0.85	29.54 -1.01 -0.06
S SALMON___HYD 24043	31.39 -0.51 0.00	28.84 -0.50 0.00	27.45 -0.45 0.00	27.33 -0.45 0.00	28.71 -0.44 0.00	32.87 -0.50 0.00	41.90 -0.64 0.00	43.61 -0.71 0.00	37.34 -0.80 0.00	27.07 -0.72 -0.05	25.47 -0.63 0.00	23.98 -0.52 0.00	23.03 -0.50 0.00	23.22 -0.50 0.00	23.40 -0.48 -0.06	20.73 -0.44 -0.46	20.45 -0.44 -0.68	23.33 -0.46 -0.90	33.61 -0.57 -0.53	37.43 -0.56 -0.62	37.13 -0.55 -0.68	33.47 -0.50 -0.47	29.05 -0.43 -0.51	30.00 -0.52 -0.04
S.PERRY__115KV_TB1 80734	31.52 -0.38 0.00	28.78 -0.56 0.00	27.32 -0.59 0.00	26.99 -0.78 0.00	28.42 -0.73 0.00	32.60 -0.77 0.00	41.26 -1.28 0.00	42.77 -1.55 0.00	36.73 -1.41 0.00	26.66 -1.19 -0.12	25.02 -1.07 0.00	23.64 -0.86 0.00	22.68 -0.85 0.00	22.73 -1.00 0.00	22.89 -1.07 -0.14	20.95 -0.85 -1.10	21.02 -0.81 -1.61	24.07 -0.96 -2.15	33.80 -1.11 -1.26	37.95 -0.90 -1.48	37.89 -0.74 -1.62	33.88 -0.74 -1.11	29.49 -0.70 -1.21	29.81 -0.76 -0.09
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.67 -2.23 0.00	27.08 -2.26 0.00	25.72 -2.18 0.00	25.27 -2.50 0.00	26.75 -2.39 0.00	30.63 -2.74 0.00	38.37 -4.17 0.00	39.84 -4.48 0.00	34.75 -3.39 0.00	25.37 -2.47 -0.10	24.06 -2.04 0.00	22.85 -1.64 0.00	21.99 -1.53 0.00	22.06 -1.66 0.00	22.11 -1.83 -0.13	20.15 -1.55 -1.00	20.17 -1.52 -1.46	22.65 -2.17 -1.94	31.77 -3.03 -1.14	35.44 -3.29 -1.36	35.38 -3.11 -1.49	31.84 -2.68 -1.02	27.83 -2.26 -1.11	28.22 -2.35 -0.08

SAWYER___23_KV_LOAD 55526	29.67 -2.23 0.00	27.08 -2.26 0.00	25.72 -2.18 0.00	25.27 -2.50 0.00	26.75 -2.39 0.00	30.63 -2.74 0.00	38.37 -4.17 0.00	39.84 -4.48 0.00	34.75 -3.39 0.00	25.37 -2.47 -0.10	24.06 -2.04 0.00	22.85 -1.64 0.00	21.99 -1.53 0.00	22.06 -1.66 0.00	22.11 -1.83 -0.13	20.15 -1.55 -1.00	20.17 -1.52 -1.46	22.65 -2.17 -1.94	31.77 -3.03 -1.14	35.44 -3.29 -1.36	35.38 -3.11 -1.49	31.84 -2.68 -1.02	27.83 -2.26 -1.11	28.22 -2.35 -0.08
SELKIRK___I 23801	32.86 0.96 0.00	30.22 0.88 0.00	28.74 0.84 0.00	28.63 0.86 0.00	30.05 0.90 0.00	34.37 1.00 0.00	43.81 1.27 0.00	45.69 1.38 0.00	39.25 1.11 0.00	29.34 0.78 -0.83	26.74 0.65 0.00	25.08 0.59 0.00	24.09 0.56 0.00	24.36 0.64 0.00	25.52 0.67 -1.04	29.16 0.60 -7.85	32.31 0.59 -11.50	38.92 0.66 -15.38	43.72 1.08 -8.99	49.26 1.20 -10.70	49.91 1.18 -11.72	42.62 1.07 -8.05	38.69 0.95 -8.76	32.17 1.04 -0.65
SELKIRK___II 23799	32.70 0.80 0.00	30.07 0.73 0.00	28.63 0.72 0.00	28.49 0.72 0.00	29.90 0.76 0.00	34.23 0.87 0.00	43.68 1.15 0.00	45.69 1.38 0.00	39.32 1.18 0.00	29.49 0.91 -0.84	26.87 0.78 0.00	25.23 0.73 0.00	24.23 0.71 0.00	24.46 0.74 0.00	25.61 0.74 -1.05	29.33 0.64 -7.98	32.54 0.63 -11.69	39.22 0.71 -15.63	43.90 1.11 -9.14	49.32 1.16 -10.80	49.98 1.15 -11.83	42.66 1.04 -8.12	38.75 0.93 -8.84	32.14 1.00 -0.66
SENECA OSWGO___HYD 24041	31.23 -0.67 0.00	28.69 -0.65 0.00	27.29 -0.61 0.00	27.13 -0.64 0.00	28.50 -0.64 0.00	32.66 -0.70 0.00	41.64 -0.90 0.00	43.43 -0.89 0.00	37.34 -0.80 0.00	27.21 -0.58 -0.05	25.60 -0.50 0.00	24.08 -0.42 0.00	23.12 -0.40 0.00	23.32 -0.40 0.00	23.45 -0.43 -0.07	20.86 -0.35 -0.51	20.60 -0.36 -0.74	23.48 -0.39 -0.99	33.63 -0.60 -0.58	37.42 -0.64 -0.69	37.09 -0.67 -0.75	33.41 -0.60 -0.52	28.98 -0.55 -0.56	29.94 -0.58 -0.04
SENECA___115KV_TB3 355854	29.99 -1.91 0.00	27.37 -1.97 0.00	25.98 -1.93 0.00	25.52 -2.25 0.00	26.99 -2.16 0.00	30.90 -2.47 0.00	38.75 -3.79 0.00	40.28 -4.03 0.00	35.24 -2.90 0.00	25.52 -2.33 -0.11	24.29 -1.80 0.00	23.02 -1.47 0.00	22.16 -1.36 0.00	22.18 -1.54 0.00	22.12 -1.83 -0.14	20.20 -1.55 -1.05	20.26 -1.50 -1.53	22.84 -2.10 -2.07	31.94 -2.93 -1.21	35.60 -3.18 -1.42	35.52 -3.03 -1.55	31.95 -2.61 -1.06	27.93 -2.20 -1.16	28.28 -2.29 -0.09
SENECA___ENERGY 23797	31.36 -0.54 0.00	28.78 -0.56 0.00	27.34 -0.56 0.00	27.16 -0.61 0.00	28.56 -0.58 0.00	32.80 -0.57 0.00	41.77 -0.76 0.00	43.52 -0.80 0.00	37.45 -0.69 0.00	27.24 -0.58 -0.09	25.60 -0.50 0.00	24.10 -0.39 0.00	23.15 -0.38 0.00	23.27 -0.45 0.00	23.40 -0.52 -0.11	21.09 -0.44 -0.82	20.99 -0.43 -1.20	24.00 -0.48 -1.60	33.95 -0.64 -0.94	37.87 -0.60 -1.11	37.59 -0.63 -1.21	33.73 -0.60 -0.83	29.30 -0.58 -0.91	29.94 -0.61 -0.07
SHOEMAKER___GT 23640	33.18 1.28 0.00	30.51 1.17 0.00	29.05 1.14 0.00	28.91 1.14 0.00	30.28 1.14 0.00	34.70 1.34 0.00	44.45 1.92 0.00	46.66 2.35 0.00	40.20 2.06 0.00	29.85 1.47 -0.64	27.40 1.30 0.00	25.67 1.18 0.00	24.65 1.13 0.00	24.84 1.12 0.00	25.77 1.14 -0.81	27.84 1.01 -6.12	30.20 1.01 -8.97	36.06 1.19 -11.99	42.52 1.85 -7.01	47.77 2.13 -8.28	48.22 2.15 -9.07	41.57 1.84 -6.23	37.35 1.59 -6.78	32.66 1.68 -0.50
SHOEMAKR_138KV_BK 111 55601	33.18 1.28 0.00	30.51 1.17 0.00	29.05 1.14 0.00	28.91 1.14 0.00	30.28 1.14 0.00	34.70 1.33 0.00	44.45 1.91 0.00	46.71 2.39 0.00	40.24 2.10 0.00	29.88 1.50 -0.64	27.42 1.33 0.00	25.69 1.20 0.00	24.68 1.15 0.00	24.86 1.14 0.00	25.78 1.17 -0.80	27.79 1.01 -6.07	30.15 1.03 -8.89	35.96 1.19 -11.89	42.46 1.85 -6.95	47.74 2.17 -8.21	48.14 2.15 -8.99	41.55 1.88 -6.17	37.29 1.59 -6.73	32.66 1.68 -0.50
SHOREHAM_IC_1 23715	33.82 1.91 0.00	31.13 1.79 0.00	30.08 2.18 0.00	29.91 2.14 0.00	31.13 1.98 0.00	35.94 2.57 0.00	46.23 3.70 0.00	48.97 4.65 0.00	41.58 3.28 -0.16	32.01 2.61 -1.66	28.98 2.35 -0.54	27.23 2.13 -0.61	25.95 1.77 -0.66	26.15 1.78 -0.65	26.88 1.57 -1.49	29.38 1.43 -7.25	32.03 1.52 -10.29	38.62 1.79 -13.96	45.39 3.67 -8.06	50.59 4.04 -9.18	51.01 3.96 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.00 2.96 -0.56
SHOREHAM_IC_2 23716	33.82 1.91 0.00	31.13 1.79 0.00	30.08 2.18 0.00	29.91 2.14 0.00	31.13 1.98 0.00	35.94 2.57 0.00	46.23 3.70 0.00	48.97 4.65 0.00	41.58 3.28 -0.16	32.01 2.61 -1.66	28.98 2.35 -0.54	27.23 2.13 -0.61	25.95 1.77 -0.66	26.15 1.78 -0.65	26.88 1.57 -1.49	29.38 1.43 -7.25	32.03 1.52 -10.29	38.62 1.79 -13.96	45.39 3.67 -8.06	50.59 4.04 -9.18	51.01 3.96 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.00 2.96 -0.56
SISSONVILLE___ 23735	31.23 -0.67 0.00	28.87 -0.47 0.00	27.34 -0.56 0.00	27.27 -0.50 0.00	28.65 -0.50 0.00	32.73 -0.63 0.00	41.60 -0.94 0.00	43.08 -1.24 0.00	36.88 -1.26 0.00	26.68 -1.05 0.00	25.13 -0.97 0.00	23.54 -0.96 0.00	22.63 -0.89 0.00	22.82 -0.90 0.00	22.93 -0.88 0.00	19.92 -0.79 0.00	19.45 -0.77 0.00	22.03 -0.85 0.00	32.38 -1.28 0.00	35.95 -1.42 0.00	35.60 -1.41 0.00	32.19 -1.31 0.00	27.84 -1.13 0.00	29.32 -1.16 0.00
SITHE_IND_GS1 24169	30.91 -0.99 0.00	28.43 -0.91 0.00	27.04 -0.87 0.00	26.88 -0.89 0.00	28.24 -0.90 0.00	32.33 -1.03 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.95 -0.83 -0.04	25.36 -0.73 0.00	23.86 -0.64 0.00	22.91 -0.61 0.00	23.08 -0.64 0.00	23.23 -0.64 -0.05	20.54 -0.56 -0.40	20.26 -0.55 -0.58	23.04 -0.62 -0.78	33.13 -0.98 -0.45	36.82 -1.08 -0.54	36.52 -1.07 -0.59	32.93 -0.97 -0.40	28.57 -0.84 -0.44	29.60 -0.91 -0.03
SITHE_IND_GS2 24170	30.91 -0.99 0.00	28.43 -0.91 0.00	27.04 -0.87 0.00	26.88 -0.89 0.00	28.24 -0.90 0.00	32.33 -1.03 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.95 -0.83 -0.04	25.36 -0.73 0.00	23.86 -0.64 0.00	22.91 -0.61 0.00	23.08 -0.64 0.00	23.23 -0.64 -0.05	20.54 -0.56 -0.40	20.26 -0.55 -0.58	23.04 -0.62 -0.78	33.13 -0.98 -0.45	36.82 -1.08 -0.54	36.52 -1.07 -0.59	32.93 -0.97 -0.40	28.57 -0.84 -0.44	29.60 -0.91 -0.03
SITHE_IND_GS3 24171	30.91 -0.99 0.00	28.43 -0.91 0.00	27.04 -0.87 0.00	26.88 -0.89 0.00	28.24 -0.90 0.00	32.33 -1.03 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.95 -0.83 -0.04	25.36 -0.73 0.00	23.86 -0.64 0.00	22.91 -0.61 0.00	23.08 -0.64 0.00	23.23 -0.64 -0.05	20.54 -0.56 -0.40	20.26 -0.55 -0.58	23.04 -0.62 -0.78	33.13 -0.98 -0.45	36.82 -1.08 -0.54	36.52 -1.07 -0.59	32.93 -0.97 -0.40	28.57 -0.84 -0.44	29.60 -0.91 -0.03
SITHE_IND_GS4 24172	30.91 -0.99 0.00	28.43 -0.91 0.00	27.04 -0.87 0.00	26.88 -0.89 0.00	28.24 -0.90 0.00	32.33 -1.03 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.95 -0.83 -0.04	25.36 -0.73 0.00	23.86 -0.64 0.00	22.91 -0.61 0.00	23.08 -0.64 0.00	23.23 -0.64 -0.05	20.54 -0.56 -0.40	20.26 -0.55 -0.58	23.04 -0.62 -0.78	33.13 -0.98 -0.45	36.82 -1.08 -0.54	36.52 -1.07 -0.59	32.93 -0.97 -0.40	28.57 -0.84 -0.44	29.60 -0.91 -0.03

SITHE___BATAVIA 24024	30.34 -1.56 0.00	27.73 -1.61 0.00	26.28 -1.62 0.00	25.97 -1.80 0.00	27.42 -1.72 0.00	31.53 -1.84 0.00	39.52 -3.02 0.00	41.39 -2.93 0.00	36.04 -2.10 0.00	26.20 -1.64 -0.10	24.68 -1.41 0.00	23.34 -1.15 0.00	22.51 -1.01 0.00	22.61 -1.11 0.00	22.65 -1.29 -0.12	20.61 -1.03 -0.94	20.50 -1.09 -1.37	23.18 -1.53 -1.84	32.65 -2.09 -1.07	36.47 -2.17 -1.27	36.39 -2.00 -1.39	32.78 -1.67 -0.95	28.50 -1.51 -1.04	28.97 -1.59 -0.07
SITHE___INDEPEND 23800	30.91 -0.99 0.00	28.43 -0.91 0.00	27.04 -0.86 0.00	26.88 -0.89 0.00	28.24 -0.90 0.00	32.33 -1.03 0.00	41.17 -1.36 0.00	42.90 -1.42 0.00	36.96 -1.18 0.00	26.95 -0.83 -0.04	25.36 -0.73 0.00	23.86 -0.64 0.00	22.91 -0.61 0.00	23.08 -0.64 0.00	23.22 -0.64 -0.05	20.54 -0.56 -0.40	20.26 -0.55 -0.58	23.04 -0.62 -0.78	33.14 -0.98 -0.45	36.82 -1.08 -0.54	36.52 -1.07 -0.59	32.93 -0.97 -0.40	28.57 -0.84 -0.44	29.60 -0.91 -0.03
SITHE___MASSENA 23902	31.90 0.00 0.00	29.46 0.12 0.00	27.93 0.03 0.00	27.83 0.06 0.00	29.20 0.06 0.00	33.37 0.00 0.00	42.36 -0.17 0.00	43.92 -0.40 0.00	37.76 -0.38 0.00	27.43 -0.30 0.00	25.83 -0.26 0.00	24.22 -0.27 0.00	23.29 -0.24 0.00	23.46 -0.26 0.00	23.58 -0.24 0.00	20.48 -0.23 0.00	20.00 -0.22 0.00	22.61 -0.27 0.00	33.19 -0.47 0.00	36.81 -0.56 0.00	36.45 -0.55 0.00	33.00 -0.50 0.00	28.57 -0.41 0.00	30.12 -0.36 0.00
SITHE___OGDNSBRG 24021	32.06 0.16 0.00	29.63 0.29 0.00	28.04 0.14 0.00	27.99 0.22 0.00	29.38 0.23 0.00	33.60 0.23 0.00	42.66 0.13 0.00	44.09 -0.22 0.00	37.72 -0.42 0.00	27.24 -0.50 0.00	25.60 -0.50 0.00	23.98 -0.51 0.00	23.05 -0.47 0.00	23.25 -0.47 0.00	23.41 -0.40 0.00	20.33 -0.37 0.00	19.88 -0.34 0.00	22.58 -0.30 0.00	33.25 -0.40 0.00	36.95 -0.41 0.00	36.63 -0.37 0.00	33.13 -0.37 0.00	28.66 -0.32 0.00	30.18 -0.30 0.00
SITHE___STERLING 23777	32.57 0.67 0.00	29.93 0.59 0.00	28.43 0.53 0.00	28.33 0.56 0.00	29.76 0.61 0.00	34.13 0.77 0.00	43.64 1.10 0.00	45.42 1.11 0.00	38.90 0.76 0.00	28.08 0.31 -0.04	26.38 0.29 0.00	24.79 0.29 0.00	23.81 0.28 0.00	24.06 0.33 0.00	24.20 0.33 -0.05	21.37 0.29 -0.38	21.10 0.32 -0.55	24.03 0.41 -0.74	34.83 0.74 -0.43	38.77 0.90 -0.51	38.45 0.89 -0.56	34.62 0.74 -0.39	29.97 0.58 -0.42	31.06 0.55 -0.03
SLEIGHT__34_KV_TB1 80719	30.85 -1.05 0.00	28.28 -1.06 0.00	26.90 -1.00 0.00	26.66 -1.11 0.00	28.07 -1.08 0.00	32.20 -1.17 0.00	40.96 -1.57 0.00	42.63 -1.68 0.00	36.81 -1.33 0.00	26.90 -0.92 -0.08	25.28 -0.81 0.00	23.86 -0.64 0.00	22.91 -0.61 0.00	23.08 -0.64 0.00	23.25 -0.67 -0.10	20.90 -0.56 -0.75	20.74 -0.59 -1.10	23.69 -0.66 -1.47	33.48 -1.04 -0.86	37.30 -1.08 -1.02	37.08 -1.04 -1.11	33.33 -0.94 -0.77	28.97 -0.84 -0.83	29.60 -0.94 -0.06
SOUTH CAIRO___GT 23612	33.40 1.50 0.00	30.81 1.47 0.00	29.21 1.31 0.00	29.13 1.36 0.00	30.60 1.46 0.00	35.07 1.70 0.00	44.66 2.13 0.00	46.53 2.22 0.00	40.05 1.91 0.00	29.88 1.33 -0.81	27.03 0.94 0.00	25.30 0.81 0.00	24.32 0.80 0.00	24.60 0.88 0.00	25.78 0.95 -1.01	29.22 0.93 -7.58	32.29 0.97 -11.10	39.16 1.24 -15.04	44.57 2.12 -8.79	49.43 1.68 -10.39	50.12 1.74 -11.38	42.58 1.27 -7.81	38.64 1.16 -8.51	32.37 1.25 -0.63
SOUTH HAMPTN___IC 23720	34.01 2.11 0.00	31.36 2.02 0.00	30.30 2.40 0.00	30.13 2.36 0.00	31.42 2.27 0.00	36.30 2.94 0.00	46.66 4.12 0.00	49.45 5.14 0.00	42.12 3.81 -0.16	32.31 2.91 -1.66	29.19 2.56 -0.54	27.35 2.25 -0.60	26.04 1.86 -0.66	26.20 1.83 -0.65	26.95 1.64 -1.49	29.45 1.49 -7.25	32.09 1.58 -10.29	38.71 1.88 -13.96	45.42 3.70 -8.06	50.62 4.07 -9.18	51.05 4.00 -10.05	44.39 3.98 -6.90	39.83 3.33 -7.52	34.09 3.05 -0.56
SOUTHDOW_115KV_TB1 355954	30.95 -0.96 0.00	28.17 -1.17 0.00	26.67 -1.23 0.00	26.16 -1.61 0.00	27.54 -1.60 0.00	31.60 -1.77 0.00	39.73 -2.81 0.00	41.48 -2.84 0.00	36.16 -1.98 0.00	25.84 -2.02 -0.12	24.68 -1.41 0.00	23.29 -1.20 0.00	22.42 -1.11 0.00	22.37 -1.35 0.00	22.06 -1.91 -0.15	20.26 -1.59 -1.15	20.47 -1.44 -1.69	23.24 -1.90 -2.26	32.32 -2.66 -1.32	36.19 -2.73 -1.55	36.19 -2.52 -1.70	32.39 -2.28 -1.17	28.25 -2.00 -1.27	28.66 -1.92 -0.09
SOUTHOLD_69_KV_BK 2 55809	34.07 2.17 0.00	31.60 2.26 0.00	30.41 2.51 0.00	30.38 2.61 0.00	31.71 2.56 0.00	36.27 2.90 0.00	47.38 4.85 0.00	50.12 5.81 0.00	42.65 4.35 -0.16	32.62 3.22 -1.66	29.19 2.56 -0.54	27.35 2.25 -0.60	25.95 1.76 -0.66	26.03 1.66 -0.65	26.76 1.45 -1.49	29.28 1.33 -7.25	31.97 1.46 -10.29	38.60 1.76 -13.96	45.18 3.47 -8.06	50.44 3.89 -9.18	50.82 3.77 -10.05	44.16 3.75 -6.90	39.63 3.13 -7.52	33.85 2.80 -0.56
SOUTHOLD___IC 23719	34.07 2.17 0.00	31.51 2.17 0.00	30.50 2.60 0.00	30.38 2.61 0.00	31.71 2.57 0.00	36.77 3.41 0.00	47.25 4.72 0.00	50.12 5.80 0.00	42.65 4.35 -0.16	32.61 3.22 -1.66	29.35 2.71 -0.54	27.35 2.25 -0.60	25.95 1.77 -0.66	26.03 1.66 -0.65	26.76 1.45 -1.49	29.28 1.33 -7.25	31.97 1.46 -10.29	38.60 1.76 -13.96	45.22 3.50 -8.06	50.44 3.89 -9.18	50.83 3.78 -10.05	44.16 3.75 -6.90	39.63 3.13 -7.52	34.03 2.99 -0.56
SOUTH_FORK_WT_PWR 323839	33.85 1.95 0.00	31.39 2.05 0.00	30.41 2.51 0.00	30.32 2.55 0.00	31.71 2.57 0.00	36.84 3.47 0.00	47.34 4.80 0.00	50.21 5.89 0.00	42.73 4.42 -0.16	32.61 3.22 -1.66	29.24 2.61 -0.54	27.20 2.11 -0.60	25.71 1.53 -0.66	25.75 1.38 -0.65	26.45 1.14 -1.49	29.01 1.06 -7.25	31.69 1.17 -10.29	38.28 1.44 -13.96	44.71 2.99 -8.06	49.91 3.36 -9.18	50.31 3.26 -10.05	43.69 3.28 -6.90	39.22 2.72 -7.52	33.69 2.65 -0.56
SPIERFLS_115KV_TB 1 80737	33.69 1.79 0.00	30.95 1.61 0.00	29.41 1.51 0.00	29.30 1.53 0.00	31.01 1.87 0.00	35.67 2.30 0.00	45.55 3.02 0.00	47.46 3.15 0.00	40.66 2.52 0.00	30.30 1.69 -0.87	27.55 1.46 0.00	25.64 1.15 0.00	24.68 1.15 0.00	25.00 1.28 0.00	26.22 1.31 -1.09	30.19 1.20 -8.28	33.57 1.21 -12.13	40.37 1.28 -16.21	45.22 2.09 -9.48	50.95 2.39 -11.19	51.71 2.44 -12.26	43.96 2.04 -8.42	39.88 1.74 -9.17	32.96 1.80 -0.68
ST LAWRENCE____ 23600	31.62 -0.29 0.00	29.17 -0.17 0.00	27.68 -0.22 0.00	27.58 -0.19 0.00	28.94 -0.20 0.00	33.10 -0.27 0.00	42.03 -0.51 0.00	43.65 -0.66 0.00	37.53 -0.61 0.00	27.32 -0.42 0.00	25.70 -0.39 0.00	24.10 -0.39 0.00	23.15 -0.38 0.00	23.34 -0.38 0.00	23.43 -0.38 0.00	20.35 -0.35 0.00	19.86 -0.36 0.00	22.47 -0.41 0.00	32.95 -0.71 0.00	36.54 -0.82 0.00	36.19 -0.81 0.00	32.76 -0.74 0.00	28.36 -0.61 0.00	29.87 -0.61 0.00
STATE_CA_115KV_115_LB 55624	32.80 0.89 0.00	30.16 0.82 0.00	28.68 0.78 0.00	28.58 0.81 0.00	30.02 0.87 0.00	34.37 1.00 0.00	43.81 1.28 0.00	45.82 1.51 0.00	39.48 1.33 0.00	29.62 1.03 -0.85	26.98 0.89 0.00	25.33 0.83 0.00	24.32 0.80 0.00	24.58 0.85 0.00	25.72 0.83 -1.07	29.53 0.72 -8.10	32.80 0.71 -11.87	39.49 0.76 -15.86	44.11 1.18 -9.27	49.62 1.31 -10.95	50.29 1.30 -11.99	42.87 1.14 -8.23	38.99 1.04 -8.97	32.25 1.10 -0.67

STATE_ST_34_KV_LOAD 55959	31.68 -0.22 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.47 -0.31 0.00	28.88 -0.26 0.00	33.10 -0.27 0.00	42.32 -0.21 0.00	44.09 -0.22 0.00	37.91 -0.23 0.00	27.57 -0.25 -0.09	25.94 -0.16 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.17 -0.11	21.37 -0.14 -0.81	21.26 -0.14 -1.18	24.32 -0.14 -1.58	34.41 -0.17 -0.92	38.35 -0.11 -1.09	38.09 -0.11 -1.20	34.15 -0.17 -0.82	29.69 -0.17 -0.89	30.34 -0.21 -0.07
STATION_5_MISC_HYD 23604	30.66 -1.24 0.00	28.05 -1.29 0.00	26.65 -1.26 0.00	26.38 -1.39 0.00	27.80 -1.34 0.00	31.93 -1.43 0.00	40.28 -2.26 0.00	41.92 -2.39 0.00	36.35 -1.79 0.00	26.60 -1.22 -0.08	25.02 -1.07 0.00	23.69 -0.81 0.00	22.75 -0.78 0.00	22.89 -0.83 0.00	23.08 -0.83 -0.10	20.79 -0.68 -0.77	20.64 -0.71 -1.13	23.56 -0.82 -1.50	33.16 -1.38 -0.88	36.99 -1.42 -1.04	36.85 -1.30 -1.14	33.14 -1.14 -0.78	28.81 -1.01 -0.85	29.42 -1.13 -0.06
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.01 -0.89 0.00	28.40 -0.94 0.00	27.01 -0.89 0.00	26.77 -1.00 0.00	28.18 -0.96 0.00	32.33 -1.03 0.00	41.05 -1.49 0.00	42.72 -1.60 0.00	36.92 -1.22 0.00	26.93 -0.89 -0.08	25.31 -0.78 0.00	23.88 -0.61 0.00	22.94 -0.59 0.00	23.08 -0.64 0.00	23.25 -0.67 -0.10	20.95 -0.54 -0.78	20.80 -0.57 -1.15	23.77 -0.64 -1.53	33.55 -1.01 -0.90	37.42 -1.01 -1.06	37.24 -0.93 -1.16	33.46 -0.84 -0.80	29.09 -0.75 -0.87	29.69 -0.85 -0.06
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.53 -1.37 0.00	27.96 -1.38 0.00	26.59 -1.31 0.00	26.33 -1.44 0.00	27.72 -1.43 0.00	31.80 -1.57 0.00	40.24 -2.30 0.00	41.83 -2.48 0.00	36.27 -1.87 0.00	26.57 -1.25 -0.08	24.97 -1.12 0.00	23.61 -0.88 0.00	22.68 -0.85 0.00	22.82 -0.90 0.00	23.01 -0.90 -0.10	20.72 -0.75 -0.76	20.57 -0.77 -1.12	23.48 -0.89 -1.49	33.08 -1.45 -0.87	36.87 -1.53 -1.03	36.73 -1.41 -1.13	33.04 -1.24 -0.78	28.75 -1.07 -0.84	29.33 -1.22 -0.06
STA_56___34_KV_BUS2 355983	30.53 -1.37 0.00	27.96 -1.38 0.00	26.59 -1.31 0.00	26.33 -1.44 0.00	27.72 -1.43 0.00	31.80 -1.57 0.00	40.24 -2.30 0.00	41.83 -2.48 0.00	36.27 -1.87 0.00	26.57 -1.25 -0.08	24.97 -1.12 0.00	23.61 -0.88 0.00	22.68 -0.85 0.00	22.82 -0.90 0.00	23.01 -0.90 -0.10	20.72 -0.75 -0.76	20.57 -0.77 -1.12	23.48 -0.89 -1.49	33.08 -1.45 -0.87	36.87 -1.53 -1.03	36.73 -1.41 -1.13	33.04 -1.24 -0.78	28.75 -1.07 -0.84	29.33 -1.22 -0.06
STA_67___115KV_BK2 355882	30.60 -1.31 0.00	27.99 -1.35 0.00	26.62 -1.28 0.00	26.33 -1.44 0.00	27.77 -1.37 0.00	31.83 -1.53 0.00	40.24 -2.30 0.00	41.83 -2.48 0.00	36.27 -1.87 0.00	26.60 -1.22 -0.08	25.00 -1.10 0.00	23.64 -0.86 0.00	22.70 -0.82 0.00	22.85 -0.88 0.00	23.04 -0.88 -0.10	20.75 -0.72 -0.77	20.62 -0.73 -1.12	23.51 -0.87 -1.50	33.09 -1.45 -0.88	36.91 -1.49 -1.04	36.77 -1.37 -1.14	33.08 -1.21 -0.78	28.78 -1.04 -0.85	29.36 -1.19 -0.06
STA_7___115KV_9TRANS 80674	30.79 -1.12 0.00	28.17 -1.17 0.00	26.76 -1.14 0.00	26.49 -1.28 0.00	27.92 -1.22 0.00	32.03 -1.33 0.00	40.49 -2.04 0.00	42.10 -2.22 0.00	36.54 -1.60 0.00	26.77 -1.05 -0.08	25.15 -0.94 0.00	23.78 -0.71 0.00	22.84 -0.68 0.00	22.99 -0.74 0.00	23.18 -0.74 -0.10	20.87 -0.60 -0.77	20.72 -0.63 -1.13	23.63 -0.76 -1.50	33.29 -1.25 -0.88	37.14 -1.27 -1.04	37.00 -1.15 -1.14	33.28 -1.01 -0.78	28.96 -0.87 -0.85	29.54 -1.01 -0.06
STA_82___115KV_TB1 80780	30.60 -1.31 0.00	28.02 -1.32 0.00	26.62 -1.28 0.00	26.36 -1.42 0.00	27.77 -1.37 0.00	31.83 -1.53 0.00	40.24 -2.30 0.00	41.83 -2.48 0.00	36.27 -1.87 0.00	26.60 -1.22 -0.08	25.00 -1.10 0.00	23.64 -0.86 0.00	22.72 -0.80 0.00	22.85 -0.88 0.00	23.04 -0.88 -0.10	20.77 -0.70 -0.77	20.63 -0.73 -1.13	23.52 -0.87 -1.51	33.13 -1.41 -0.88	36.92 -1.49 -1.04	36.78 -1.37 -1.14	33.08 -1.21 -0.79	28.79 -1.04 -0.86	29.39 -1.16 -0.06
STEEL___WIND 323596	29.96 -1.95 0.00	27.34 -2.00 0.00	25.89 -2.01 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.93 -2.43 0.00	38.71 -3.83 0.00	40.24 -4.08 0.00	35.20 -2.94 0.00	25.55 -2.30 -0.11	24.21 -1.88 0.00	23.00 -1.49 0.00	22.11 -1.41 0.00	22.13 -1.59 0.00	22.07 -1.88 -0.14	20.18 -1.57 -1.05	20.24 -1.52 -1.53	22.82 -2.13 -2.07	31.87 -3.00 -1.21	35.57 -3.21 -1.42	35.48 -3.07 -1.55	31.88 -2.68 -1.06	27.81 -2.32 -1.16	28.22 -2.35 -0.09
STEPHTWN_115KV_BK_2 55603	32.99 1.08 0.00	30.34 1.00 0.00	28.85 0.95 0.00	28.74 0.97 0.00	30.19 1.05 0.00	34.60 1.23 0.00	44.11 1.57 0.00	46.13 1.82 0.00	39.74 1.60 0.00	29.75 1.17 -0.84	27.11 1.02 0.00	25.40 0.91 0.00	24.39 0.87 0.00	24.67 0.95 0.00	25.82 0.95 -1.06	29.56 0.83 -8.02	32.78 0.81 -11.75	39.47 0.89 -15.70	44.21 1.38 -9.18	49.73 1.53 -10.84	50.39 1.52 -11.87	42.99 1.34 -8.15	39.04 1.19 -8.88	32.42 1.28 -0.66
STEUBEN_REC_LFGE 323667	31.20 -0.70 0.00	28.40 -0.94 0.00	26.90 -1.00 0.00	26.47 -1.31 0.00	27.77 -1.37 0.00	31.80 -1.57 0.00	40.19 -2.34 0.00	41.61 -2.70 0.00	35.81 -2.33 0.00	25.89 -2.00 -0.15	24.40 -1.70 0.00	22.97 -1.52 0.00	22.07 -1.46 0.00	22.04 -1.68 0.00	22.02 -1.98 -0.18	20.40 -1.70 -1.39	20.62 -1.64 -2.03	23.66 -1.94 -2.72	32.73 -2.52 -1.59	36.78 -2.47 -1.88	36.62 -2.44 -2.06	32.60 -2.31 -1.41	28.43 -2.09 -1.54	28.65 -1.95 -0.11
STILLWATER___SOLAR 323814	33.59 1.69 0.00	30.84 1.50 0.00	29.32 1.42 0.00	29.21 1.44 0.00	30.86 1.72 0.00	35.40 2.04 0.00	45.26 2.72 0.00	47.20 2.88 0.00	40.43 2.29 0.00	30.13 1.52 -0.87	27.42 1.33 0.00	25.60 1.10 0.00	24.61 1.08 0.00	24.91 1.19 0.00	26.14 1.24 -1.09	30.13 1.22 -8.20	33.45 1.21 -12.01	40.19 1.17 -16.14	44.98 1.88 -9.44	50.64 2.13 -11.14	51.35 2.15 -12.21	43.75 1.87 -8.38	39.69 1.59 -9.13	32.84 1.68 -0.68
STONY___BROOK 24151	34.26 2.36 0.00	31.51 2.17 0.00	30.27 2.37 0.00	30.08 2.30 0.00	31.30 2.16 0.00	36.10 2.74 0.00	46.23 3.70 0.00	48.97 4.65 0.00	42.23 3.93 -0.16	32.34 2.94 -1.66	29.27 2.63 -0.54	27.50 2.40 -0.61	26.35 2.16 -0.66	26.56 2.18 -0.65	27.43 2.12 -1.50	29.84 1.88 -7.25	32.46 1.94 -10.29	39.09 2.24 -13.96	45.52 3.80 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.39 3.98 -6.90	39.86 3.36 -7.52	34.27 3.23 -0.56
STURGEON_POOL_HYD 23609	33.47 1.56 0.00	30.81 1.47 0.00	29.32 1.42 0.00	29.19 1.42 0.00	30.57 1.43 0.00	35.00 1.63 0.00	44.92 2.38 0.00	47.37 3.06 0.00	40.85 2.71 0.00	30.37 1.91 -0.72	27.79 1.70 0.00	26.04 1.54 0.00	25.01 1.48 0.00	25.19 1.47 0.00	26.21 1.50 -0.90	28.81 1.33 -6.79	31.48 1.31 -9.94	37.72 1.51 -13.33	43.81 2.36 -7.79	49.11 2.54 -9.20	49.64 2.55 -10.08	42.63 2.21 -6.92	38.37 1.85 -7.54	32.99 1.95 -0.56
ST_LAW_115_BK7_LBMP 345037	31.62 -0.29 0.00	29.17 -0.17 0.00	27.68 -0.22 0.00	27.58 -0.19 0.00	28.94 -0.20 0.00	33.07 -0.30 0.00	41.98 -0.55 0.00	43.61 -0.71 0.00	37.49 -0.65 0.00	27.27 -0.47 0.00	25.65 -0.44 0.00	24.05 -0.44 0.00	23.12 -0.40 0.00	23.30 -0.43 0.00	23.41 -0.40 0.00	20.33 -0.37 0.00	19.84 -0.38 0.00	22.44 -0.44 0.00	32.92 -0.74 0.00	36.51 -0.86 0.00	36.15 -0.85 0.00	32.73 -0.77 0.00	28.34 -0.64 0.00	29.87 -0.61 0.00

ST_LAW_115_BK8_LBMP 345038	31.62 -0.29 0.00	29.17 -0.17 0.00	27.68 -0.22 0.00	27.58 -0.19 0.00	28.94 -0.20 0.00	33.07 -0.30 0.00	41.98 -0.55 0.00	43.61 -0.71 0.00	37.49 -0.65 0.00	27.27 -0.47 0.00	25.65 -0.44 0.00	24.05 -0.44 0.00	23.12 -0.40 0.00	23.30 -0.43 0.00	23.41 -0.40 0.00	20.33 -0.37 0.00	19.84 -0.38 0.00	22.44 -0.44 0.00	32.92 -0.74 0.00	36.51 -0.86 0.00	36.15 -0.85 0.00	32.73 -0.77 0.00	28.34 -0.64 0.00	29.87 -0.61 0.00
ST_LAW_230_BK5_LBMP 345035	31.62 -0.29 0.00	29.17 -0.17 0.00	27.68 -0.22 0.00	27.58 -0.19 0.00	28.94 -0.20 0.00	33.10 -0.27 0.00	42.03 -0.51 0.00	43.65 -0.66 0.00	37.53 -0.61 0.00	27.32 -0.42 0.00	25.70 -0.39 0.00	24.10 -0.39 0.00	23.15 -0.38 0.00	23.34 -0.38 0.00	23.43 -0.38 0.00	20.35 -0.35 0.00	19.86 -0.36 0.00	22.47 -0.41 0.00	32.95 -0.71 0.00	36.54 -0.82 0.00	36.19 -0.81 0.00	32.76 -0.74 0.00	28.36 -0.61 0.00	29.87 -0.61 0.00
ST_LAW_230_BK6_LBMP 345036	31.62 -0.29 0.00	29.17 -0.17 0.00	27.68 -0.22 0.00	27.58 -0.19 0.00	28.94 -0.20 0.00	33.10 -0.27 0.00	42.03 -0.51 0.00	43.65 -0.66 0.00	37.53 -0.61 0.00	27.32 -0.42 0.00	25.70 -0.39 0.00	24.10 -0.39 0.00	23.15 -0.38 0.00	23.34 -0.38 0.00	23.43 -0.38 0.00	20.35 -0.35 0.00	19.86 -0.36 0.00	22.47 -0.41 0.00	32.95 -0.71 0.00	36.54 -0.82 0.00	36.19 -0.81 0.00	32.76 -0.74 0.00	28.36 -0.61 0.00	29.87 -0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.34 1.44 0.00	30.66 1.32 0.00	29.18 1.28 0.00	29.08 1.31 0.00	30.43 1.28 0.00	34.87 1.50 0.00	44.70 2.17 0.00	47.20 2.88 0.00	40.66 2.52 0.00	30.20 1.80 -0.66	27.71 1.62 0.00	25.96 1.47 0.00	24.91 1.39 0.00	25.10 1.38 0.00	26.05 1.41 -0.83	28.24 1.24 -6.30	30.70 1.25 -9.22	36.65 1.44 -12.33	43.12 2.26 -7.21	48.46 2.58 -8.51	48.88 2.55 -9.33	42.15 2.24 -6.40	37.86 1.91 -6.98	32.98 1.98 -0.52
SWANROAD_115KV_TB1 355699	29.03 -2.87 0.00	26.52 -2.82 0.00	25.19 -2.71 0.00	24.74 -3.03 0.00	26.20 -2.94 0.00	30.00 -3.37 0.00	37.56 -4.98 0.00	38.95 -5.36 0.00	34.06 -4.08 0.00	24.96 -2.88 -0.10	23.59 -2.50 0.00	22.44 -2.06 0.00	21.59 -1.93 0.00	21.64 -2.09 0.00	21.75 -2.19 -0.13	19.81 -1.86 -0.97	19.78 -1.86 -1.41	22.19 -2.59 -1.89	31.13 -3.64 -1.11	34.67 -4.00 -1.31	34.62 -3.81 -1.43	31.27 -3.22 -0.98	27.32 -2.72 -1.07	27.73 -2.83 -0.08
SYNERGY___BIOGAS 323694	30.34 -1.56 0.00	27.73 -1.61 0.00	26.34 -1.56 0.00	25.97 -1.81 0.00	27.42 -1.72 0.00	31.46 -1.90 0.00	39.56 -2.98 0.00	41.44 -2.88 0.00	36.04 -2.10 0.00	26.20 -1.64 -0.10	24.74 -1.36 0.00	23.34 -1.15 0.00	22.51 -1.01 0.00	22.61 -1.12 0.00	22.65 -1.29 -0.12	20.61 -1.04 -0.94	20.50 -1.09 -1.37	23.18 -1.53 -1.84	32.65 -2.09 -1.07	36.47 -2.17 -1.27	36.43 -1.96 -1.39	32.78 -1.68 -0.95	28.56 -1.45 -1.04	28.97 -1.59 -0.07
SYRACUSE___ENERGY_ST1 323597	31.65 -0.26 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.07 -0.30 0.00	42.24 -0.30 0.00	44.01 -0.31 0.00	37.87 -0.27 0.00	27.58 -0.22 -0.07	25.96 -0.13 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.14 -0.09	21.25 -0.10 -0.65	21.07 -0.10 -0.95	24.03 -0.11 -1.27	34.20 -0.20 -0.74	38.05 -0.19 -0.87	37.78 -0.19 -0.96	33.96 -0.20 -0.66	29.49 -0.20 -0.72	30.32 -0.21 -0.05
SYRACUSE___ENERGY_ST2 323598	31.65 -0.26 0.00	29.08 -0.26 0.00	27.65 -0.25 0.00	27.49 -0.28 0.00	28.88 -0.26 0.00	33.07 -0.30 0.00	42.24 -0.30 0.00	44.01 -0.31 0.00	37.87 -0.27 0.00	27.58 -0.22 -0.07	25.96 -0.13 0.00	24.39 -0.10 0.00	23.45 -0.07 0.00	23.60 -0.12 0.00	23.76 -0.14 -0.09	21.25 -0.10 -0.65	21.07 -0.10 -0.95	24.03 -0.11 -1.27	34.20 -0.20 -0.74	38.05 -0.19 -0.87	37.78 -0.19 -0.96	33.96 -0.20 -0.66	29.49 -0.20 -0.72	30.32 -0.21 -0.05
SYRACUSE___POWER 24017	31.58 -0.32 0.00	29.02 -0.32 0.00	27.59 -0.31 0.00	27.41 -0.36 0.00	28.79 -0.35 0.00	33.03 -0.33 0.00	42.15 -0.38 0.00	43.92 -0.40 0.00	37.80 -0.34 0.00	27.53 -0.28 -0.07	25.91 -0.18 0.00	24.35 -0.15 0.00	23.41 -0.12 0.00	23.58 -0.14 0.00	23.71 -0.19 -0.09	21.23 -0.14 -0.68	21.07 -0.14 -0.99	24.04 -0.16 -1.32	34.20 -0.24 -0.77	38.06 -0.22 -0.91	37.78 -0.22 -1.00	33.95 -0.23 -0.69	29.49 -0.23 -0.75	30.26 -0.27 -0.06
TALLMAN___138KV_BK151 55660	33.53 1.63 0.00	30.87 1.53 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.63 1.49 0.00	35.10 1.74 0.00	45.00 2.47 0.00	47.64 3.32 0.00	41.00 2.86 0.00	30.50 2.08 -0.68	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.31 1.59 0.00	26.27 1.60 -0.86	28.60 1.41 -6.48	31.13 1.42 -9.50	37.23 1.65 -12.70	43.64 2.56 -7.42	49.05 2.91 -8.77	49.50 2.89 -9.60	42.64 2.55 -6.59	38.33 2.17 -7.18	33.27 2.26 -0.53
TEALLAVE_115KV_TB7 355573	31.49 -0.41 0.00	28.90 -0.44 0.00	27.48 -0.42 0.00	27.33 -0.44 0.00	28.71 -0.44 0.00	32.90 -0.47 0.00	41.98 -0.55 0.00	43.78 -0.53 0.00	37.68 -0.46 0.00	27.46 -0.33 -0.06	25.83 -0.26 0.00	24.30 -0.20 0.00	23.34 -0.19 0.00	23.51 -0.21 0.00	23.68 -0.21 -0.07	21.08 -0.19 -0.56	20.87 -0.18 -0.83	23.76 -0.23 -1.11	33.97 -0.34 -0.65	37.79 -0.34 -0.76	37.47 -0.37 -0.84	33.74 -0.34 -0.57	29.28 -0.32 -0.63	30.16 -0.37 -0.05
TELGRAPH_34_KV_EAST 80808	29.83 -2.07 0.00	27.23 -2.11 0.00	25.86 -2.04 0.00	25.44 -2.33 0.00	26.93 -2.21 0.00	30.86 -2.50 0.00	38.71 -3.83 0.00	40.28 -4.03 0.00	35.13 -3.01 0.00	25.65 -2.19 -0.10	24.24 -1.85 0.00	22.97 -1.52 0.00	22.11 -1.41 0.00	22.21 -1.52 0.00	22.27 -1.67 -0.12	20.27 -1.37 -0.93	20.19 -1.40 -1.36	22.76 -1.94 -1.82	32.00 -2.73 -1.07	35.71 -2.91 -1.26	35.64 -2.74 -1.38	32.14 -2.31 -0.95	28.03 -1.97 -1.03	28.45 -2.10 -0.08
TEMPLE___115KV_TB 2 55572	31.49 -0.41 0.00	28.93 -0.41 0.00	27.51 -0.39 0.00	27.35 -0.42 0.00	28.74 -0.41 0.00	32.93 -0.43 0.00	42.02 -0.51 0.00	43.78 -0.53 0.00	37.72 -0.42 0.00	27.49 -0.31 -0.06	25.86 -0.23 0.00	24.32 -0.17 0.00	23.36 -0.16 0.00	23.53 -0.19 0.00	23.68 -0.21 -0.08	21.11 -0.17 -0.57	20.88 -0.18 -0.84	23.79 -0.21 -1.12	34.01 -0.30 -0.66	37.80 -0.34 -0.77	37.52 -0.33 -0.85	33.75 -0.34 -0.58	29.29 -0.32 -0.63	30.19 -0.34 -0.05
TIANA____69_KV_BK 1 55817	34.04 2.14 0.00	31.42 2.08 0.00	30.19 2.29 0.00	30.10 2.33 0.00	31.33 2.19 0.00	35.74 2.37 0.00	46.66 4.13 0.00	49.32 5.01 0.00	42.00 3.70 -0.16	32.23 2.83 -1.66	29.03 2.40 -0.54	27.35 2.25 -0.60	26.07 1.88 -0.66	26.25 1.87 -0.65	27.00 1.69 -1.49	29.49 1.53 -7.25	32.15 1.64 -10.29	38.76 1.92 -13.96	45.45 3.74 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.46 4.05 -6.90	39.89 3.39 -7.52	33.97 2.93 -0.56
TILDEN___115KV_TB1 80814	31.58 -0.32 0.00	29.02 -0.32 0.00	27.59 -0.31 0.00	27.41 -0.36 0.00	28.79 -0.35 0.00	33.03 -0.33 0.00	42.15 -0.38 0.00	43.92 -0.40 0.00	37.80 -0.34 0.00	27.53 -0.28 -0.07	25.91 -0.18 0.00	24.35 -0.15 0.00	23.41 -0.12 0.00	23.58 -0.14 0.00	23.71 -0.19 -0.09	21.23 -0.14 -0.68	21.07 -0.14 -0.99	24.04 -0.16 -1.32	34.20 -0.24 -0.77	38.06 -0.22 -0.91	37.78 -0.22 -1.00	33.95 -0.23 -0.69	29.49 -0.23 -0.75	30.26 -0.27 -0.06

TRIGEN___CC 323695	34.10 2.20 0.00	31.34 2.00 0.00	29.91 2.01 0.00	29.77 2.00 0.00	31.07 1.92 0.00	35.57 2.20 0.00	45.81 3.28 0.00	48.35 4.03 0.00	42.29 3.81 -0.34	33.16 2.77 -2.65	29.73 2.53 -1.11	28.08 2.35 -1.24	27.11 2.23 -1.35	27.26 2.21 -1.33	28.17 2.24 -2.12	30.37 1.93 -7.75	32.80 1.90 -10.67	39.73 2.17 -14.67	45.33 3.30 -8.37	50.12 3.55 -9.20	50.53 3.48 -10.05	43.73 3.32 -6.91	39.34 2.84 -7.53	33.85 2.80 -0.56
TRINITY___115KV___4 BK 55933	32.73 0.83 0.00	30.07 0.73 0.00	28.63 0.73 0.00	28.52 0.75 0.00	29.93 0.79 0.00	34.27 0.90 0.00	43.72 1.19 0.00	45.73 1.42 0.00	39.40 1.26 0.00	29.53 0.94 -0.85	26.93 0.83 0.00	25.28 0.78 0.00	24.25 0.73 0.00	24.51 0.78 0.00	25.66 0.79 -1.06	29.43 0.68 -8.04	32.64 0.65 -11.77	39.32 0.71 -15.73	43.96 1.11 -9.19	49.42 1.20 -10.86	50.08 1.18 -11.89	42.74 1.07 -8.17	38.86 0.99 -8.90	32.18 1.04 -0.66
UNION___PROCESSING_DRP 323587	30.60 -1.31 0.00	28.02 -1.32 0.00	26.65 -1.26 0.00	26.36 -1.42 0.00	27.77 -1.37 0.00	31.86 -1.50 0.00	40.24 -2.30 0.00	41.88 -2.44 0.00	36.31 -1.83 0.00	26.60 -1.22 -0.08	25.00 -1.10 0.00	23.66 -0.83 0.00	22.72 -0.80 0.00	22.85 -0.88 0.00	23.06 -0.86 -0.10	20.77 -0.70 -0.77	20.63 -0.73 -1.13	23.52 -0.87 -1.51	33.13 -1.41 -0.88	36.92 -1.49 -1.05	36.78 -1.37 -1.14	33.08 -1.21 -0.79	28.82 -1.01 -0.86	29.39 -1.16 -0.06
UPPER HUDSON___HYD 24058	33.69 1.79 0.00	30.95 1.61 0.00	29.41 1.51 0.00	29.30 1.53 0.00	31.01 1.87 0.00	35.67 2.30 0.00	45.55 3.02 0.00	47.46 3.15 0.00	40.66 2.52 0.00	30.30 1.69 -0.87	27.55 1.46 0.00	25.64 1.15 0.00	24.68 1.15 0.00	25.00 1.28 0.00	26.22 1.31 -1.09	30.20 1.20 -8.30	33.59 1.21 -12.16	40.38 1.28 -16.22	45.23 2.09 -9.48	50.95 2.39 -11.19	51.71 2.44 -12.26	43.96 2.04 -8.42	39.88 1.74 -9.17	32.96 1.80 -0.68
UPPER RAQUET___HYD 24056	31.23 -0.67 0.00	28.87 -0.47 0.00	27.34 -0.56 0.00	27.27 -0.50 0.00	28.65 -0.50 0.00	32.73 -0.63 0.00	41.60 -0.94 0.00	43.08 -1.24 0.00	36.88 -1.26 0.00	26.68 -1.05 0.00	25.13 -0.96 0.00	23.54 -0.96 0.00	22.63 -0.89 0.00	22.82 -0.90 0.00	22.93 -0.88 0.00	19.92 -0.79 0.00	19.45 -0.77 0.00	22.03 -0.85 0.00	32.38 -1.28 0.00	35.95 -1.42 0.00	35.60 -1.41 0.00	32.19 -1.31 0.00	27.84 -1.13 0.00	29.32 -1.16 0.00
VALLEY44_115KV_TB2 355964	30.24 -1.66 0.00	27.67 -1.67 0.00	26.26 -1.65 0.00	25.91 -1.86 0.00	27.31 -1.84 0.00	31.33 -2.04 0.00	39.39 -3.15 0.00	41.13 -3.19 0.00	35.78 -2.36 0.00	25.29 -2.58 -0.13	24.45 -1.64 0.00	23.07 -1.42 0.00	22.18 -1.34 0.00	22.13 -1.59 0.00	21.62 -2.36 -0.16	19.90 -2.01 -1.20	20.14 -1.84 -1.76	22.93 -2.31 -2.36	31.77 -3.26 -1.38	35.59 -3.40 -1.62	35.49 -3.29 -1.77	31.77 -2.95 -1.22	27.75 -2.55 -1.33	28.14 -2.44 -0.10
VALLEY___115KV_TB 1-4 80826	32.86 0.96 0.00	30.19 0.85 0.00	28.74 0.84 0.00	28.63 0.86 0.00	30.02 0.87 0.00	34.33 0.97 0.00	43.64 1.11 0.00	45.29 0.97 0.00	38.83 0.69 0.00	28.10 0.36 0.00	26.48 0.39 0.00	24.91 0.42 0.00	23.85 0.33 0.00	24.03 0.31 0.00	24.08 0.26 0.00	20.93 0.23 0.00	20.47 0.24 0.00	23.06 0.18 0.00	33.99 0.34 0.00	37.74 0.37 0.00	37.37 0.37 0.00	33.84 0.34 0.00	29.23 0.26 0.00	30.73 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.40 1.50 0.00	30.69 1.35 0.00	29.18 1.28 0.00	29.05 1.28 0.00	30.48 1.34 0.00	35.00 1.63 0.00	44.79 2.25 0.00	46.62 2.30 0.00	40.12 1.98 0.00	29.17 1.14 -0.29	27.16 1.07 0.00	25.52 1.03 0.00	24.49 0.96 0.00	24.77 1.04 0.00	25.23 1.05 -0.36	24.36 0.89 -2.77	25.16 0.89 -4.05	29.33 1.03 -5.42	38.51 1.68 -3.17	43.01 1.91 -3.74	42.99 1.89 -4.10	38.05 1.74 -2.81	33.46 1.42 -3.06	32.20 1.49 -0.23
VISCHER___FERRY HYD 24020	33.18 1.28 0.00	30.45 1.11 0.00	28.99 1.09 0.00	28.88 1.11 0.00	30.40 1.25 0.00	34.80 1.43 0.00	44.58 2.04 0.00	46.58 2.26 0.00	39.93 1.79 0.00	29.90 1.30 -0.86	27.21 1.12 0.00	25.47 0.98 0.00	24.47 0.94 0.00	24.74 1.02 0.00	25.94 1.05 -1.08	29.82 0.95 -8.16	33.11 0.93 -11.95	39.87 0.98 -16.01	44.60 1.58 -9.36	50.21 1.79 -11.05	50.88 1.78 -12.10	43.38 1.57 -8.31	39.39 1.36 -9.05	32.59 1.43 -0.67
V_A_10_SYNC_DSASP 323832	29.77 -2.14 0.00	27.23 -2.11 0.00	25.84 -2.06 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.93 -2.43 0.00	38.79 -3.74 0.00	40.24 -4.08 0.00	35.09 -3.05 0.00	25.78 -2.05 -0.09	24.24 -1.85 0.00	23.02 -1.47 0.00	22.16 -1.36 0.00	22.23 -1.49 0.00	22.45 -1.48 -0.11	20.35 -1.22 -0.87	20.28 -1.21 -1.27	23.15 -1.42 -1.69	32.22 -2.42 -0.99	35.88 -2.65 -1.17	35.77 -2.52 -1.28	32.24 -2.14 -0.88	28.05 -1.88 -0.96	28.60 -1.95 -0.07
V_CMM_10_SYNC_DSASP 323787	31.78 -0.13 0.00	29.31 -0.03 0.00	27.82 -0.08 0.00	27.72 -0.06 0.00	29.09 -0.06 0.00	33.23 -0.13 0.00	42.19 -0.34 0.00	43.79 -0.53 0.00	37.64 -0.50 0.00	27.38 -0.36 0.00	25.78 -0.31 0.00	24.17 -0.32 0.00	23.24 -0.28 0.00	23.41 -0.31 0.00	23.51 -0.31 0.00	20.43 -0.27 0.00	19.94 -0.28 0.00	22.56 -0.32 0.00	33.09 -0.57 0.00	36.65 -0.71 0.00	36.30 -0.70 0.00	32.90 -0.60 0.00	28.48 -0.49 0.00	29.99 -0.49 0.00
V_CMP_10_SYNC_DSASP 323788	32.10 0.19 0.00	29.72 0.38 0.00	28.21 0.31 0.00	28.13 0.36 0.00	29.61 0.46 0.00	33.87 0.50 0.00	43.00 0.47 0.00	44.58 0.27 0.00	38.33 0.19 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.54 0.05 0.00	23.57 0.05 0.00	23.72 0.00 0.00	23.70 -0.12 0.00	20.48 -0.23 0.00	19.90 -0.32 0.00	22.49 -0.39 0.00	32.89 -0.77 0.00	36.39 -0.97 0.00	36.01 -1.00 0.00	32.50 -1.00 0.00	28.11 -0.87 0.00	29.57 -0.91 0.00
V_D_10_SYNC_DSASP 323841	31.90 0.00 0.00	29.46 0.12 0.00	27.93 0.03 0.00	27.83 0.06 0.00	29.20 0.06 0.00	33.37 0.00 0.00	42.36 -0.17 0.00	43.92 -0.40 0.00	37.76 -0.38 0.00	27.43 -0.30 0.00	25.83 -0.26 0.00	24.22 -0.27 0.00	23.29 -0.24 0.00	23.49 -0.24 0.00	23.58 -0.24 0.00	20.50 -0.21 0.00	20.00 -0.22 0.00	22.61 -0.27 0.00	33.19 -0.47 0.00	36.81 -0.56 0.00	36.45 -0.55 0.00	33.00 -0.50 0.00	28.57 -0.41 0.00	30.12 -0.36 0.00
V_E_10_SYNC_DSASP 323830	34.01 2.11 0.00	31.19 1.85 0.00	29.55 1.65 0.00	29.44 1.67 0.00	30.92 1.78 0.00	35.60 2.24 0.00	45.55 3.02 0.00	47.24 2.92 0.00	40.24 2.10 0.00	28.72 0.78 -0.21	26.74 0.65 0.00	25.18 0.68 0.00	24.09 0.56 0.00	24.34 0.62 0.00	24.74 0.67 -0.26	23.28 0.60 -1.97	23.82 0.71 -2.89	27.63 0.89 -3.86	37.67 1.75 -2.26	42.16 2.13 -2.67	41.92 2.00 -2.92	37.18 1.67 -2.01	32.46 1.31 -2.18	31.95 1.31 -0.16
V_F_30_NSYNC___DSASP 323816	33.66 1.75 0.00	30.89 1.55 0.00	29.38 1.48 0.00	29.27 1.50 0.00	30.92 1.78 0.00	35.47 2.10 0.00	45.34 2.81 0.00	47.29 2.97 0.00	40.51 2.37 0.00	30.22 1.61 -0.87	27.50 1.41 0.00	25.64 1.15 0.00	24.68 1.15 0.00	24.98 1.26 0.00	26.19 1.29 -1.09	30.18 1.28 -8.20	33.48 1.25 -12.00	40.23 1.19 -16.16	45.02 1.92 -9.45	50.69 2.17 -11.15	51.40 2.18 -12.22	43.80 1.91 -8.39	39.73 1.62 -9.14	32.84 1.68 -0.68

V_F_30_SYNC_DSASP 323786	32.80 0.89 0.00	30.16 0.82 0.00	28.68 0.78 0.00	28.58 0.81 0.00	30.02 0.87 0.00	34.37 1.00 0.00	43.81 1.28 0.00	45.82 1.51 0.00	39.48 1.33 0.00	29.62 1.03 -0.85	26.98 0.89 0.00	25.30 0.81 0.00	24.30 0.78 0.00	24.58 0.85 0.00	25.72 0.83 -1.07	29.53 0.72 -8.10	32.77 0.69 -11.86	39.48 0.76 -15.85	44.10 1.18 -9.26	49.58 1.27 -10.94	50.28 1.30 -11.98	42.87 1.14 -8.23	38.98 1.04 -8.96	32.25 1.10 -0.67
V_XM_10_SYNC_DSASP 323789	32.10 0.19 0.00	29.72 0.38 0.00	28.21 0.31 0.00	28.13 0.36 0.00	29.61 0.46 0.00	33.87 0.50 0.00	43.00 0.47 0.00	44.58 0.27 0.00	38.33 0.19 0.00	27.82 0.08 0.00	26.25 0.16 0.00	24.54 0.05 0.00	23.57 0.05 0.00	23.72 0.00 0.00	23.70 -0.12 0.00	20.48 -0.23 0.00	19.90 -0.32 0.00	22.49 -0.39 0.00	32.89 -0.77 0.00	36.39 -0.97 0.00	36.01 -1.00 0.00	32.50 -1.00 0.00	28.11 -0.87 0.00	29.57 -0.91 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.66 1.75 0.00	30.95 1.61 0.00	29.46 1.56 0.00	29.33 1.56 0.00	30.72 1.57 0.00	35.20 1.84 0.00	45.17 2.64 0.00	47.73 3.41 0.00	41.12 2.97 0.00	30.59 2.16 -0.69	28.02 1.93 0.00	26.23 1.74 0.00	25.19 1.67 0.00	25.38 1.66 0.00	26.34 1.67 -0.86	28.71 1.47 -6.54	31.27 1.48 -9.58	37.40 1.72 -12.80	43.80 2.66 -7.49	49.23 3.03 -8.84	49.69 3.00 -9.68	42.79 2.65 -6.65	38.48 2.26 -7.24	33.37 2.35 -0.54
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.17 2.27 0.00	31.45 2.11 0.00	29.94 2.04 0.00	29.77 2.00 0.00	31.15 2.01 0.00	35.70 2.34 0.00	45.98 3.45 0.00	48.44 4.12 0.00	44.28 3.59 -2.56	45.23 2.61 -14.88	36.62 2.37 -8.16	35.78 2.18 -9.10	35.51 2.07 -9.92	35.57 2.09 -9.76	35.81 2.10 -9.90	36.40 1.82 -13.87	37.45 1.82 -15.41	48.46 2.10 -23.47	49.13 3.23 -12.24	50.40 3.55 -9.49	50.60 3.55 -10.04	43.54 3.15 -6.90	39.15 2.67 -7.51	33.81 2.77 -0.56
W50THST__13_KV_LOAD 356117	34.30 2.39 0.00	31.63 2.29 0.00	30.02 2.12 0.00	29.88 2.11 0.00	31.30 2.16 0.00	35.90 2.54 0.00	46.23 3.70 0.00	48.75 4.43 0.00	44.55 3.85 -2.56	45.42 2.80 -14.88	36.81 2.56 -8.16	35.95 2.35 -9.10	35.68 2.23 -9.92	35.73 2.25 -9.76	35.98 2.26 -9.90	36.56 1.99 -13.87	37.59 1.96 -15.41	48.62 2.27 -23.47	49.37 3.47 -12.24	50.67 3.81 -9.49	50.82 3.77 -10.04	43.71 3.32 -6.90	39.27 2.78 -7.51	33.94 2.90 -0.56
WADING RIVER_IC_1 23522	33.78 1.88 0.00	31.10 1.76 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.10 1.95 0.00	35.90 2.53 0.00	46.19 3.66 0.00	48.97 4.65 0.00	41.54 3.24 -0.16	31.98 2.58 -1.66	28.95 2.32 -0.54	27.23 2.13 -0.60	25.92 1.74 -0.66	26.13 1.76 -0.65	26.85 1.55 -1.49	29.36 1.41 -7.25	32.01 1.50 -10.29	38.60 1.76 -13.96	45.35 3.64 -8.06	50.55 4.00 -9.18	50.97 3.92 -10.05	44.39 3.98 -6.90	39.83 3.33 -7.52	34.00 2.96 -0.56
WADING RIVER_IC_2 23547	33.78 1.88 0.00	31.10 1.76 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.10 1.95 0.00	35.90 2.53 0.00	46.19 3.66 0.00	48.97 4.65 0.00	41.54 3.24 -0.16	31.98 2.58 -1.66	28.95 2.32 -0.54	27.23 2.13 -0.60	25.92 1.74 -0.66	26.13 1.76 -0.65	26.85 1.55 -1.49	29.36 1.41 -7.25	32.01 1.50 -10.29	38.60 1.76 -13.96	45.35 3.64 -8.06	50.55 4.00 -9.18	50.97 3.92 -10.05	44.39 3.98 -6.90	39.83 3.33 -7.52	34.00 2.96 -0.56
WADING RIVER_IC_3 23601	33.78 1.88 0.00	31.10 1.76 0.00	30.08 2.18 0.00	29.88 2.11 0.00	31.10 1.95 0.00	35.90 2.53 0.00	46.19 3.66 0.00	48.97 4.65 0.00	41.54 3.24 -0.16	31.98 2.58 -1.66	28.95 2.32 -0.54	27.23 2.13 -0.60	25.92 1.74 -0.66	26.13 1.76 -0.65	26.85 1.55 -1.49	29.36 1.41 -7.25	32.01 1.50 -10.29	38.60 1.76 -13.96	45.35 3.64 -8.06	50.55 4.00 -9.18	50.97 3.92 -10.05	44.39 3.98 -6.90	39.83 3.33 -7.52	34.00 2.96 -0.56
WALDENNY_12_KV_BK2 80841	29.96 -1.95 0.00	27.34 -2.00 0.00	25.95 -1.95 0.00	25.49 -2.28 0.00	26.96 -2.19 0.00	30.86 -2.50 0.00	38.71 -3.83 0.00	40.24 -4.08 0.00	35.20 -2.94 0.00	25.55 -2.30 -0.11	24.29 -1.80 0.00	23.05 -1.45 0.00	22.16 -1.36 0.00	22.21 -1.52 0.00	22.17 -1.79 -0.14	20.23 -1.51 -1.04	20.27 -1.48 -1.52	22.84 -2.08 -2.05	31.93 -2.93 -1.20	35.59 -3.18 -1.40	35.54 -3.00 -1.54	31.98 -2.58 -1.06	27.92 -2.20 -1.15	28.31 -2.26 -0.09
WALDEN__HYDRO 24148	33.47 1.56 0.00	30.81 1.47 0.00	29.30 1.40 0.00	29.19 1.42 0.00	30.57 1.43 0.00	35.03 1.67 0.00	44.87 2.34 0.00	47.42 3.10 0.00	40.85 2.71 0.00	30.37 1.94 -0.69	27.81 1.72 0.00	26.04 1.54 0.00	25.01 1.48 0.00	25.19 1.47 0.00	26.18 1.50 -0.86	28.55 1.33 -6.52	31.11 1.33 -9.55	37.19 1.53 -12.77	43.55 2.42 -7.47	48.95 2.77 -8.82	49.44 2.78 -9.66	42.51 2.38 -6.63	38.26 2.06 -7.23	33.15 2.13 -0.54
WARRENSBURG____ 23737	33.69 1.79 0.00	30.95 1.61 0.00	29.41 1.51 0.00	29.30 1.53 0.00	31.01 1.87 0.00	35.67 2.30 0.00	45.55 3.02 0.00	47.46 3.15 0.00	40.66 2.52 0.00	30.30 1.69 -0.87	27.55 1.46 0.00	25.64 1.15 0.00	24.68 1.15 0.00	25.00 1.28 0.00	26.22 1.31 -1.09	30.19 1.20 -8.28	33.57 1.21 -12.13	40.37 1.28 -16.21	45.22 2.09 -9.48	50.95 2.39 -11.19	51.71 2.44 -12.26	43.96 2.04 -8.42	39.88 1.74 -9.17	32.96 1.80 -0.68
WATERSIDE____6 8 9 23538	34.37 2.46 -0.01	30.21 2.23 1.36	29.53 2.18 0.55	29.92 2.14 -0.01	31.28 2.13 -0.01	35.88 2.50 -0.01	46.16 3.62 -0.01	48.62 4.30 -0.01	48.78 3.70 -6.94	53.94 2.69 -23.51	47.40 2.45 -18.86	47.40 2.28 -20.62	47.37 2.16 -21.68	47.87 2.16 -21.99	47.30 2.17 -21.31	47.37 1.90 -24.77	47.82 1.90 -25.69	54.73 2.17 -29.68	54.54 3.37 -17.52	50.79 3.74 -9.68	50.76 3.70 -10.05	43.75 3.35 -6.90	39.33 2.84 -7.52	33.99 2.96 -0.55
WATKINRD_115KV_LN8_ILLION 55919	33.18 1.28 0.00	30.48 1.14 0.00	29.05 1.14 0.00	28.94 1.17 0.00	30.31 1.17 0.00	34.67 1.30 0.00	44.07 1.53 0.00	45.65 1.33 0.00	39.06 0.92 0.00	28.24 0.50 0.00	26.61 0.52 0.00	25.03 0.54 0.00	23.97 0.45 0.00	24.15 0.43 0.00	24.20 0.38 0.00	21.01 0.31 0.00	20.55 0.32 0.00	23.09 0.21 0.00	33.99 0.34 0.00	37.78 0.41 0.00	37.41 0.41 0.00	33.84 0.34 0.00	29.23 0.26 0.00	30.76 0.27 0.00
WATSON__69_KV_BK 1 55734	34.49 2.58 0.00	31.72 2.38 0.00	30.36 2.46 0.00	30.22 2.44 0.00	31.48 2.33 0.00	35.97 2.60 0.00	46.62 4.08 0.00	49.28 4.96 0.00	42.54 4.23 -0.17	32.54 3.11 -1.70	29.39 2.74 -0.56	27.67 2.55 -0.63	26.56 2.35 -0.68	26.77 2.37 -0.67	27.64 2.31 -1.52	30.02 2.05 -7.27	32.63 2.10 -10.31	39.31 2.45 -13.99	45.77 4.04 -8.07	51.00 4.45 -9.18	51.42 4.37 -10.05	44.59 4.19 -6.90	40.03 3.53 -7.52	34.33 3.29 -0.56
WDELAWARE__HYD 323627	33.75 1.85 0.00	31.16 1.82 0.00	29.60 1.70 0.00	29.49 1.72 0.00	30.89 1.75 0.00	35.40 2.04 0.00	45.34 2.81 0.00	47.33 3.02 0.00	40.89 2.75 0.00	30.22 1.86 -0.62	27.66 1.57 0.00	25.91 1.42 0.00	24.84 1.32 0.00	24.98 1.26 0.00	25.88 1.29 -0.78	27.75 1.14 -5.90	30.04 1.17 -8.65	35.81 1.37 -11.56	42.57 2.16 -6.76	47.93 2.58 -7.99	48.35 2.59 -8.76	41.66 2.15 -6.01	37.38 1.86 -6.55	32.92 1.95 -0.49

WEST BABYLON___IC 23714	34.46 2.55 0.00	31.66 2.32 0.00	30.27 2.37 0.00	30.13 2.36 0.00	31.42 2.27 0.00	35.94 2.57 0.00	46.45 3.91 0.00	49.06 4.74 0.00	42.52 4.20 -0.18	32.59 3.08 -1.77	29.44 2.74 -0.61	27.72 2.55 -0.68	26.61 2.35 -0.74	26.82 2.37 -0.73	27.71 2.33 -1.56	30.08 2.07 -7.31	32.66 2.10 -10.34	39.35 2.43 -14.04	45.66 3.90 -8.09	50.81 4.26 -9.19	51.23 4.18 -10.05	44.39 3.99 -6.91	39.89 3.39 -7.52	34.24 3.20 -0.56
WEST CANADA___HYD 24049	32.10 0.19 0.00	29.52 0.18 0.00	28.07 0.17 0.00	27.94 0.17 0.00	29.32 0.18 0.00	33.57 0.20 0.00	42.83 0.30 0.00	44.67 0.35 0.00	38.41 0.27 0.00	27.91 0.17 0.00	26.22 0.13 0.00	24.62 0.12 0.00	23.64 0.12 0.00	23.84 0.12 0.00	23.96 0.14 0.00	20.83 0.12 0.00	20.34 0.12 0.00	23.04 0.16 0.00	33.93 0.27 0.00	37.66 0.30 0.00	37.30 0.29 0.00	33.77 0.27 0.00	29.18 0.20 0.00	30.70 0.21 0.00
WESTERN_NY_WIND 24143	30.31 -1.60 0.00	27.67 -1.67 0.00	26.28 -1.62 0.00	25.91 -1.86 0.00	27.37 -1.78 0.00	31.40 -1.97 0.00	39.47 -3.06 0.00	41.26 -3.06 0.00	35.93 -2.21 0.00	26.12 -1.72 -0.10	24.66 -1.44 0.00	23.32 -1.18 0.00	22.44 -1.08 0.00	22.54 -1.19 0.00	22.61 -1.33 -0.12	20.57 -1.08 -0.94	20.47 -1.13 -1.38	23.14 -1.58 -1.84	32.58 -2.15 -1.08	36.39 -2.24 -1.27	36.32 -2.07 -1.39	32.71 -1.74 -0.96	28.51 -1.51 -1.04	28.91 -1.65 -0.07
WESTOVER___LESR 323668	31.87 -0.03 0.00	29.22 -0.12 0.00	27.79 -0.11 0.00	27.60 -0.17 0.00	29.00 -0.15 0.00	33.23 -0.13 0.00	42.32 -0.21 0.00	44.05 -0.27 0.00	37.99 -0.15 0.00	27.70 -0.25 -0.21	25.96 -0.13 0.00	24.42 -0.07 0.00	23.45 -0.07 0.00	23.58 -0.14 0.00	23.85 -0.24 -0.27	22.53 -0.21 -2.04	23.04 -0.16 -2.98	26.64 -0.23 -3.99	35.75 -0.24 -2.33	39.93 -0.19 -2.75	39.83 -0.19 -3.01	35.40 -0.17 -2.07	31.05 -0.17 -2.25	30.53 -0.12 -0.17
WETHRSFD_WT_PWR 323626	30.21 -1.69 0.00	27.58 -1.76 0.00	26.09 -1.81 0.00	25.72 -2.05 0.00	27.08 -2.07 0.00	30.96 -2.40 0.00	38.88 -3.66 0.00	40.28 -4.03 0.00	34.94 -3.20 0.00	25.39 -2.47 -0.12	23.95 -2.14 0.00	22.71 -1.79 0.00	21.83 -1.69 0.00	21.82 -1.90 0.00	21.85 -2.12 -0.16	20.08 -1.80 -1.18	20.19 -1.76 -1.72	22.91 -2.29 -2.32	31.95 -3.06 -1.35	35.82 -3.14 -1.59	35.68 -3.07 -1.74	31.95 -2.75 -1.20	27.82 -2.46 -1.30	28.11 -2.47 -0.10
WHAVSTOR_138KV_BK127 55557	33.56 1.66 0.00	30.87 1.53 0.00	29.41 1.51 0.00	29.27 1.50 0.00	30.63 1.49 0.00	35.10 1.74 0.00	45.04 2.51 0.00	47.64 3.32 0.00	40.96 2.82 0.00	30.51 2.08 -0.69	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.31 1.59 0.00	26.30 1.62 -0.86	28.66 1.41 -6.55	31.25 1.44 -9.59	37.35 1.65 -12.83	43.72 2.56 -7.50	49.14 2.91 -8.86	49.59 2.89 -9.70	42.71 2.55 -6.66	38.40 2.17 -7.26	33.28 2.26 -0.54
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.56 1.66 0.00	30.87 1.53 0.00	29.41 1.51 0.00	29.27 1.50 0.00	30.63 1.49 0.00	35.10 1.74 0.00	45.04 2.51 0.00	47.64 3.32 0.00	40.96 2.82 0.00	30.51 2.08 -0.69	27.94 1.85 0.00	26.18 1.69 0.00	25.12 1.60 0.00	25.31 1.59 0.00	26.30 1.62 -0.86	28.66 1.41 -6.55	31.25 1.44 -9.59	37.35 1.65 -12.83	43.72 2.56 -7.50	49.14 2.91 -8.86	49.59 2.89 -9.70	42.71 2.55 -6.66	38.40 2.17 -7.26	33.28 2.26 -0.54
WHITEHAL_115KV_TB1 80871	34.01 2.11 0.00	31.25 1.91 0.00	29.66 1.76 0.00	29.55 1.78 0.00	31.30 2.16 0.00	36.07 2.70 0.00	46.02 3.49 0.00	47.91 3.59 0.00	40.96 2.82 0.00	30.41 1.80 -0.87	27.61 1.51 0.00	25.67 1.18 0.00	24.70 1.18 0.00	25.03 1.30 0.00	26.26 1.36 -1.09	30.26 1.28 -8.27	33.66 1.31 -12.12	40.52 1.44 -16.20	45.55 2.42 -9.47	51.35 2.80 -11.18	52.10 2.85 -12.25	44.26 2.35 -8.41	40.11 1.97 -9.16	33.18 2.01 -0.68
WHITEPLN_13_KV_LOAD 356215	34.14 2.23 0.00	31.36 2.02 0.00	29.85 1.95 0.00	29.72 1.94 0.00	31.10 1.95 0.00	35.64 2.27 0.00	45.85 3.32 0.00	48.39 4.08 0.00	41.74 3.47 -0.13	31.69 2.52 -1.42	28.77 2.27 -0.41	27.06 2.11 -0.46	26.04 2.02 -0.50	26.23 2.02 -0.49	27.18 2.02 -1.34	29.59 1.76 -7.13	32.19 1.78 -10.19	38.71 2.06 -13.77	44.80 3.16 -7.98	50.09 3.55 -9.17	50.55 3.52 -10.03	43.50 3.12 -6.88	39.11 2.64 -7.50	33.75 2.71 -0.56
WM_FLOYD_69_KV_BK2 356380	34.04 2.14 0.00	31.39 2.05 0.00	30.13 2.23 0.00	30.02 2.25 0.00	31.24 2.10 0.00	35.60 2.24 0.00	46.45 3.91 0.00	49.06 4.74 0.00	41.89 3.59 -0.16	32.15 2.75 -1.66	28.98 2.35 -0.54	27.33 2.23 -0.61	26.11 1.93 -0.66	26.32 1.95 -0.65	27.09 1.79 -1.49	29.57 1.61 -7.25	32.22 1.70 -10.29	38.83 1.99 -13.96	45.49 3.77 -8.06	50.70 4.15 -9.18	51.12 4.07 -10.05	44.43 4.02 -6.90	39.89 3.39 -7.52	33.97 2.93 -0.56
WOODARD___115KV_TB2 355635	31.46 -0.45 0.00	28.87 -0.47 0.00	27.48 -0.42 0.00	27.30 -0.47 0.00	28.68 -0.47 0.00	32.87 -0.50 0.00	41.94 -0.60 0.00	43.74 -0.58 0.00	37.64 -0.50 0.00	27.44 -0.36 -0.06	25.80 -0.29 0.00	24.27 -0.22 0.00	23.31 -0.21 0.00	23.49 -0.24 0.00	23.65 -0.24 -0.08	21.07 -0.21 -0.58	20.86 -0.20 -0.84	23.78 -0.23 -1.13	33.95 -0.37 -0.66	37.77 -0.37 -0.78	37.45 -0.41 -0.85	33.72 -0.37 -0.58	29.26 -0.35 -0.64	30.13 -0.40 -0.05
YORK___WARBASSE 23770	47.29 2.55 -12.84	45.83 2.44 -14.05	35.88 2.26 -5.72	30.04 2.25 -0.02	31.51 2.36 -0.01	36.09 2.70 -0.02	46.72 3.74 -0.44	48.84 4.52 -0.01	50.63 3.85 -8.63	54.07 2.83 -23.51	54.53 2.56 -25.88	55.04 2.35 -28.20	55.04 2.23 -29.28	56.13 2.25 -30.15	55.60 2.26 -29.52	55.60 1.99 -32.91	57.36 1.98 -35.16	54.82 2.27 -29.68	54.40 3.53 -17.21	50.97 3.92 -9.68	50.94 3.89 -10.05	50.57 3.45 -13.62	47.56 2.93 -15.66	47.57 3.05 -14.04