

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/17/2025

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	33.72	30.36	28.64	26.71	26.73	27.69	30.17	30.47	32.66	34.71	36.95	40.89	44.13	44.19	45.85	54.22	54.55	72.84	60.72	55.46	54.48	47.93	42.12	36.85
24138	2.84	2.68	2.45	2.27	2.27	2.03	2.26	2.54	2.29	2.46	2.65	2.74	2.80	2.63	2.46	2.53	3.12	3.32	3.38	3.37	3.57	2.91	3.12	2.52
	-0.01	-0.01	-0.17	-0.01	-0.01	-2.30	-2.81	-3.31	-7.96	-7.91	-8.35	-11.00	-13.91	-16.29	-20.65	-29.15	-23.59	-39.64	-26.56	-21.44	-16.23	-15.88	-6.83	-10.10
74TH STREET_GT_1	33.66	30.31	28.59	26.69	26.71	27.67	30.15	31.44	33.12	36.06	39.39	45.73	50.35	50.28	51.20	59.07	55.40	79.63	60.63	55.37	54.41	47.88	42.13	36.81
24260	2.78	2.63	2.39	2.25	2.25	2.01	2.23	2.46	2.22	2.41	2.57	2.66	2.74	2.55	2.39	2.46	3.01	3.20	3.29	3.28	3.50	2.86	3.12	2.47
	-0.02	-0.02	-0.18	-0.02	-0.02	-2.30	-2.81	-4.36	-8.48	-9.31	-10.86	-15.93	-20.18	-22.46	-26.07	-34.06	-24.55	-46.55	-26.57	-21.44	-16.23	-15.89	-6.84	-10.11
74TH STREET_GT_2	33.66	30.31	28.59	26.69	26.71	27.67	30.15	31.44	33.12	36.06	39.39	45.73	50.35	50.28	51.20	59.07	55.40	79.63	60.63	55.37	54.41	47.88	42.13	36.81
24261	2.78	2.63	2.39	2.25	2.25	2.01	2.23	2.46	2.22	2.41	2.57	2.66	2.74	2.55	2.39	2.46	3.01	3.20	3.29	3.28	3.50	2.86	3.12	2.47
	-0.02	-0.02	-0.18	-0.02	-0.02	-2.30	-2.81	-4.36	-8.48	-9.31	-10.86	-15.93	-20.18	-22.46	-26.07	-34.06	-24.55	-46.55	-26.57	-21.44	-16.23	-15.89	-6.84	-10.11
ADK HUDSON___FALLS	32.69	29.30	27.74	25.77	25.84	27.54	30.04	28.08	33.01	33.18	33.06	32.61	33.89	34.86	39.52	41.52	46.06	49.94	55.56	60.32	58.19	51.62	42.87	38.65
24011	1.82	1.63	1.51	1.34	1.39	1.17	1.26	1.35	1.30	1.46	1.56	1.57	1.65	1.44	1.32	1.29	1.64	1.82	1.94	1.93	2.25	1.69	1.77	1.21
	0.00	0.00	-0.21	0.00	0.00	-3.02	-3.68	-2.10	-9.30	-7.38	-5.55	-3.89	-4.82	-8.15	-15.46	-17.68	-16.57	-18.23	-22.85	-27.74	-21.26	-20.79	-8.93	-13.22
ADK RESOURCE___RCVRY	32.82	29.41	27.85	25.84	25.92	27.64	30.12	28.21	33.12	33.32	33.19	32.75	34.03	34.97	39.64	41.61	46.23	50.12	55.78	60.56	58.41	51.78	43.05	38.75
23798	1.95	1.74	1.61	1.42	1.47	1.26	1.33	1.48	1.39	1.58	1.69	1.71	1.78	1.54	1.43	1.38	1.78	1.97	2.12	2.11	2.43	1.81	1.93	1.28
	0.00	0.00	-0.21	0.00	0.00	-3.02	-3.69	-2.11	-9.32	-7.40	-5.55	-3.89	-4.82	-8.16	-15.47	-17.69	-16.60	-18.27	-22.90	-27.80	-21.31	-20.84	-8.95	-13.24
ADK S GLENS___FALLS	32.69	29.30	27.74	25.77	25.84	27.54	30.04	28.08	33.01	33.18	33.06	32.61	33.89	34.86	39.52	41.52	46.06	49.94	55.56	60.32	58.19	51.62	42.87	38.65
24028	1.82	1.63	1.51	1.34	1.39	1.17	1.26	1.35	1.30	1.46	1.56	1.57	1.65	1.44	1.32	1.29	1.64	1.82	1.94	1.93	2.25	1.69	1.77	1.21
	0.00	0.00	-0.21	0.00	0.00	-3.02	-3.68	-2.10	-9.30	-7.38	-5.55	-3.89	-4.82	-8.15	-15.46	-17.68	-16.57	-18.23	-22.85	-27.74	-21.26	-20.79	-8.93	-13.22
ADK_NYS___DAM	32.50	29.19	27.63	25.74	25.77	27.45	29.93	27.95	32.66	32.84	32.69	32.30	33.50	34.48	38.97	41.28	45.86	49.76	54.94	59.12	57.10	50.84	42.44	38.22
23527	1.63	1.52	1.40	1.32	1.32	1.14	1.23	1.28	1.16	1.29	1.32	1.36	1.37	1.26	1.16	1.17	1.45	1.46	1.48	1.38	1.66	1.40	1.54	1.09
	0.00	0.00	-0.21	0.00	0.00	-2.95	-3.60	-2.05	-9.08	-7.21	-5.41	-3.79	-4.70	-7.95	-15.07	-17.56	-16.57	-18.41	-22.70	-27.10	-20.76	-20.30	-8.72	-12.91
AIR_PRODUCTS___DRP	31.49	28.50	27.01	25.16	25.18	26.82	29.25	27.13	31.85	31.98	31.82	31.43	32.62	33.65	38.17	40.12	44.38	48.04	53.41	57.95	55.76	49.66	41.21	37.39
24190	0.62	0.83	0.78	0.73	0.73	0.54	0.58	0.47	0.43	0.49	0.49	0.52	0.52	0.48	0.45	0.43	0.47	0.48	0.49	0.43	0.49	0.38	0.39	0.36
	0.00	0.00	-0.21	0.00	0.00	-2.92	-3.57	-2.04	-9.01	-7.15	-5.37	-3.77	-4.67	-7.90	-14.97	-17.14	-16.06	-17.68	-22.15	-26.87	-20.59	-20.14	-8.65	-12.80
AKWESSNE_115KV_BK	30.38	27.23	25.65	24.03	23.96	22.89	24.60	24.20	22.06	23.98	25.62	26.79	27.07	24.91	22.31	22.03	27.23	29.19	30.00	29.88	33.85	28.52	31.56	23.55
355683	-0.49	-0.44	-0.36	-0.39	-0.49	-0.47	-0.50	-0.42	-0.36	-0.37	-0.34	-0.35	-0.36	-0.35	-0.43	-0.52	-0.61	-0.69	-0.77	-0.77	-0.83	-0.61	-0.61	-0.68
	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	32.01	28.86	27.26	25.45	25.50	26.99	29.38	27.36	31.87	32.03	31.89	31.54	32.71	33.60	37.97	40.26	44.74	48.68	53.83	57.89	55.91	49.70	41.55	37.45
323833	1.14	1.19	1.04	1.03	1.05	0.77	0.78	0.74	0.63	0.68	0.67	0.70	0.71	0.61	0.57	0.63	0.78	0.90	0.98	0.89	1.04	0.81	0.90	0.68
	0.00	0.00	-0.20	0.00	0.00	-2.87	-3.50	-2.00	-8.83	-7.01	-5.26	-3.69	-4.57	-7.73	-14.66	-17.07	-16.12	-17.91	-22.07	-26.35	-20.19	-19.74	-8.48	-12.55
ALBANY_2_SOLAR	32.01	28.86	27.26	25.45	25.50	26.99	29.38	27.36	31.87	32.03	31.89	31.54	32.69	33.60	37.97	40.26	44.74	48.68	53.83	57.89	55.91	49.70	41.55	37.46
323834	1.14	1.19	1.04	1.03	1.05	0.77	0.78	0.74	0.63	0.68	0.67	0.70	0.69	0.61	0.57	0.63	0.78	0.90	0.98	0.89	1.04	0.81	0.90	0.68
	0.00	0.00	-0.20	0.00	0.00	-2.87	-3.50	-2.00	-8.83	-7.01	-5.26	-3.69	-4.57	-7.73	-14.66	-17.08	-16.12	-17.91	-22.08	-26.36	-20.19	-19.75	-8.48	-12.55
ALBANY___1	31.49	28.50	27.01	25.16	25.18	26.82	29.25	27.13	31.85	31.98	31.82	31.43	32.62	33.65	38.17	40.12	44.38	48.04	53.41	57.95	55.76	49.66	41.21	37.39
23571	0.62	0.83	0.78	0.73	0.73	0.54	0.58	0.47	0.43	0.49	0.49	0.52	0.52	0.48	0.45	0.43	0.47	0.48	0.49	0.43	0.49	0.38	0.39	0.36
	0.00	0.00	-0.21	0.00	0.00	-2.92	-3.57	-2.04	-9.01	-7.15	-5.37	-3.77	-4.67	-7.90	-14.97	-17.14	-16.06	-17.68	-22.15	-26.87	-20.59	-20.14	-8.65	-12.80

ALBANY___2 23572	31.49 0.62 0.00	28.50 0.83 0.00	27.01 0.78 -0.21	25.16 0.73 0.00	25.18 0.73 0.00	26.82 0.54 -2.92	29.25 0.58 -3.57	27.13 0.47 -2.04	31.85 0.43 -9.01	31.98 0.49 -7.15	31.82 0.49 -5.37	31.43 0.52 -3.77	32.62 0.52 -4.67	33.65 0.48 -7.90	38.17 0.45 -14.97	40.12 0.43 -17.14	44.38 0.47 -16.06	48.04 0.48 -17.68	53.41 0.49 -22.15	57.95 0.43 -26.87	55.76 0.49 -20.59	49.66 0.38 -20.14	41.21 0.39 -8.65	37.39 0.36 -12.80
ALBANY___3 23573	31.49 0.62 0.00	28.50 0.83 0.00	27.01 0.78 -0.21	25.16 0.73 0.00	25.18 0.73 0.00	26.82 0.54 -2.92	29.25 0.58 -3.57	27.13 0.47 -2.04	31.85 0.43 -9.01	31.98 0.49 -7.15	31.82 0.49 -5.37	31.43 0.52 -3.77	32.62 0.52 -4.67	33.65 0.48 -7.90	38.17 0.45 -14.97	40.12 0.43 -17.14	44.38 0.47 -16.06	48.04 0.48 -17.68	53.41 0.49 -22.15	57.95 0.43 -26.87	55.76 0.49 -20.59	49.66 0.38 -20.14	41.21 0.39 -8.65	37.39 0.36 -12.80
ALBANY___4 23574	31.49 0.62 0.00	28.50 0.83 0.00	27.01 0.78 -0.21	25.16 0.73 0.00	25.18 0.73 0.00	26.82 0.54 -2.92	29.25 0.58 -3.57	27.13 0.47 -2.04	31.85 0.43 -9.01	31.98 0.49 -7.15	31.82 0.49 -5.37	31.43 0.52 -3.77	32.62 0.52 -4.67	33.65 0.48 -7.90	38.17 0.45 -14.97	40.12 0.43 -17.14	44.38 0.47 -16.06	48.04 0.48 -17.68	53.41 0.49 -22.15	57.95 0.43 -26.87	55.76 0.49 -20.59	49.66 0.38 -20.14	41.21 0.39 -8.65	37.39 0.36 -12.80
ALBANY___LFGE 323615	31.77 0.90 0.00	28.69 1.02 0.00	27.19 0.96 -0.21	25.30 0.88 0.00	25.35 0.91 0.00	27.01 0.70 -2.96	29.46 0.75 -3.61	27.37 0.69 -2.06	32.14 0.63 -9.10	32.28 0.71 -7.23	32.11 0.73 -5.42	31.74 0.79 -3.80	32.94 0.80 -4.71	33.97 0.73 -7.97	38.54 0.68 -15.11	40.54 0.65 -17.33	44.90 0.78 -16.28	48.60 0.78 -17.95	54.00 0.80 -22.43	58.54 0.73 -27.16	56.33 0.83 -20.82	50.13 0.64 -20.36	41.62 0.71 -8.75	37.72 0.56 -12.94
ALCOA_PA_115KV_PL-6C 55860	30.38 -0.49 0.00	27.23 -0.44 0.00	25.65 -0.36 0.00	24.03 -0.39 0.00	23.96 -0.49 0.00	22.89 -0.47 0.00	24.58 -0.53 0.00	24.18 -0.44 0.00	22.03 -0.38 0.00	23.95 -0.39 0.00	25.59 -0.36 0.00	26.77 -0.38 0.00	27.05 -0.38 0.00	24.89 -0.38 0.00	22.26 -0.48 0.00	21.99 -0.56 0.00	27.18 -0.67 0.00	29.13 -0.75 0.00	29.97 -0.80 0.00	29.85 -0.80 0.00	33.81 -0.87 0.00	28.50 -0.64 0.00	31.56 -0.61 0.00	23.52 -0.70 0.00
ALCOA_RYNLDS___DRP 24188	30.38 -0.49 0.00	27.23 -0.44 0.00	25.65 -0.36 0.00	24.03 -0.39 0.00	23.96 -0.49 0.00	22.89 -0.47 0.00	24.58 -0.53 0.00	24.18 -0.44 0.00	22.03 -0.38 0.00	23.95 -0.39 0.00	25.59 -0.36 0.00	26.77 -0.38 0.00	27.05 -0.38 0.00	24.89 -0.38 0.00	22.26 -0.48 0.00	21.99 -0.56 0.00	27.18 -0.67 0.00	29.13 -0.75 0.00	29.97 -0.80 0.00	29.85 -0.80 0.00	33.81 -0.87 0.00	28.50 -0.64 0.00	31.56 -0.61 0.00	23.52 -0.70 0.00
ALCOA___DSASP 323711	30.37 -0.50 0.00	27.22 -0.44 0.00	25.65 -0.36 0.00	24.03 -0.39 0.00	23.96 -0.49 0.00	22.89 -0.47 0.00	24.57 -0.53 0.00	24.18 -0.44 0.00	22.03 -0.38 0.00	23.95 -0.39 0.00	25.59 -0.36 0.00	26.77 -0.38 0.00	27.05 -0.38 0.00	24.89 -0.38 0.00	22.26 -0.48 0.00	21.99 -0.56 0.00	27.18 -0.67 0.00	29.13 -0.75 0.00	29.97 -0.80 0.00	29.85 -0.80 0.00	33.84 -0.83 0.00	28.52 -0.61 0.00	31.56 -0.61 0.00	23.52 -0.70 0.00
ALLEGHENY___COGEN 23514	31.21 0.34 0.00	27.59 -0.08 0.00	25.68 -0.36 -0.03	24.21 -0.22 0.00	24.38 -0.07 0.00	23.78 -0.02 -0.44	25.62 -0.03 -0.54	24.53 -0.39 -0.31	23.13 -0.65 -1.36	24.64 -0.78 -1.08	25.44 -1.32 -0.81	28.89 -1.60 -3.35	30.33 -1.78 -4.68	30.71 -1.62 -7.06	35.09 -1.16 -13.51	38.27 -0.95 -16.67	50.73 -1.22 -24.11	55.07 -1.20 -26.39	62.05 -0.83 -32.11	58.70 -0.49 -28.55	52.78 -0.41 -18.52	39.38 -0.61 -10.86	32.74 -0.74 -1.31	26.14 -0.02 -1.94
ALTAMONT_115KV_TB 2 55880	31.80 0.93 0.00	28.61 0.94 0.00	27.08 0.86 -0.21	25.23 0.81 0.00	25.28 0.83 0.00	26.93 0.65 -2.92	29.37 0.70 -3.56	27.34 0.69 -2.03	32.03 0.63 -8.99	32.16 0.68 -7.14	32.02 0.70 -5.36	31.61 0.71 -3.76	32.80 0.71 -4.66	33.81 0.66 -7.88	38.32 0.64 -14.94	40.07 0.65 -16.86	44.36 0.78 -15.73	47.91 0.84 -17.19	53.44 0.86 -21.81	58.28 0.83 -26.81	56.17 0.94 -20.55	49.99 0.76 -20.10	41.61 0.80 -8.63	37.63 0.63 -12.78
ALTONA_WT_PWR 323606	30.62 -0.25 0.00	27.45 -0.22 0.00	25.84 -0.18 0.00	24.23 -0.20 0.00	24.16 -0.29 0.00	23.10 -0.26 0.00	24.85 -0.25 0.00	24.47 -0.15 0.00	22.32 -0.09 0.00	24.27 -0.07 0.00	25.88 -0.08 0.00	27.01 -0.14 0.00	27.29 -0.14 0.00	25.06 -0.20 0.00	22.40 -0.34 0.00	22.10 -0.45 0.00	27.23 -0.61 0.00	29.13 -0.75 0.00	29.97 -0.80 0.00	29.85 -0.80 0.00	33.81 -0.87 0.00	28.38 -0.76 0.00	31.34 -0.84 0.00	23.31 -0.92 0.00
AMERICAN_REF_FUEL 24010	28.65 -2.22 0.00	25.15 -2.52 0.00	23.44 -2.60 -0.03	22.10 -2.32 0.00	22.30 -2.15 0.00	21.82 -1.94 -0.40	23.63 -1.96 -0.49	22.49 -2.41 -0.28	21.24 -2.40 -1.23	22.76 -2.56 -0.97	23.68 -3.01 -0.73	24.02 -2.99 0.14	24.00 -3.13 0.30	22.26 -2.70 0.30	20.11 -2.02 0.60	19.87 -1.76 0.92	22.48 -2.67 2.69	23.76 -3.23 2.89	24.04 -3.26 3.47	25.60 -3.13 1.92	29.85 -4.02 0.81	26.41 -3.64 -0.91	29.52 -3.83 -1.18	24.03 -1.94 -1.74
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.54 -1.33 0.00	25.93 -1.74 0.00	23.92 -2.13 -0.03	22.62 -1.81 0.00	22.71 -1.74 0.00	21.89 -1.91 -0.45	23.72 -1.93 -0.55	22.67 -2.26 -0.31	21.62 -2.17 -1.38	23.15 -2.29 -1.09	24.08 -2.70 -0.82	24.01 -3.07 0.07	24.26 -2.96 0.21	22.08 -3.03 0.16	20.03 -2.39 0.32	20.00 -1.96 0.59	23.00 -2.37 2.48	24.41 -2.81 2.66	24.88 -2.71 3.18	26.63 -2.54 1.48	30.44 -3.81 0.42	26.94 -3.47 -1.27	29.63 -3.86 -1.32	24.15 -2.03 -1.96
ARTHUR KILL_GT_1 23520	33.85 2.96 -0.02	30.53 2.85 -0.02	28.83 2.63 -0.18	26.91 2.47 -0.02	26.93 2.47 -0.02	27.88 2.22 -2.30	30.30 2.38 -2.81	30.76 2.27 -3.87	32.70 2.04 -8.24	41.60 2.24 -15.02	38.47 2.39 -10.12	46.64 2.47 -17.02	47.22 2.58 -17.22	47.22 2.40 -19.55	48.51 2.25 -23.52	50.15 2.35 -25.25	50.16 2.81 -19.51	50.16 3.05 -17.24	50.14 3.14 -16.23	50.74 3.13 -16.97	50.73 3.43 -12.62	47.93 2.88 -15.90	42.08 2.99 -6.91	36.82 2.47 -10.12
ARTHUR_KILL_2 23512	33.76 2.87 -0.02	30.46 2.77 -0.02	28.75 2.55 -0.18	26.84 2.40 -0.02	26.87 2.40 -0.02	27.84 2.17 -2.31	30.23 2.31 -2.82	30.69 2.19 -3.88	32.67 1.99 -8.26	41.54 2.17 -15.03	38.39 2.31 -10.12	46.58 2.42 -17.02	47.14 2.50 -17.22	47.14 2.32 -19.55	48.44 2.18 -23.52	50.08 2.28 -25.25	50.08 2.70 -19.54	50.08 2.93 -17.27	50.08 3.05 -16.27	50.66 3.00 -17.01	50.66 3.33 -12.65	47.70 2.62 -15.94	42.00 2.90 -6.93	36.77 2.40 -10.15
ARTHUR_KILL_3 23513	33.38 2.50 -0.01	30.06 2.38 -0.01	28.35 2.16 -0.18	26.44 2.00 -0.01	26.47 2.01 -0.01	27.44 1.77 -2.31	29.90 1.98 -2.82	30.78 2.29 -3.87	32.70 2.04 -8.25	41.58 2.21 -15.03	38.43 2.36 -10.11	46.57 2.42 -17.01	47.11 2.47 -17.21	47.11 2.30 -19.54	48.41 2.16 -23.51	50.02 2.21 -25.26	50.09 2.70 -19.54	50.03 2.87 -17.28	49.99 2.95 -16.27	50.60 2.94 -17.02	50.46 3.12 -12.66	47.63 2.56 -15.93	41.96 2.86 -6.92	36.62 2.25 -10.14

ARTHUR_KILL_COGEN 323718	33.85 2.96 -0.02	30.54 2.85 -0.02	28.83 2.63 -0.18	26.91 2.47 -0.02	26.94 2.47 -0.02	27.89 2.22 -2.31	30.31 2.39 -2.82	30.76 2.26 -3.88	32.71 2.04 -8.26	41.61 2.24 -15.03	38.46 2.39 -10.12	46.63 2.47 -17.02	47.22 2.58 -17.22	47.22 2.40 -19.55	48.51 2.25 -23.52	50.15 2.35 -25.25	50.19 2.81 -19.54	50.20 3.05 -17.27	50.17 3.14 -16.27	50.78 3.13 -17.01	50.80 3.47 -12.65	47.82 2.74 -15.94	42.10 2.99 -6.93	36.84 2.47 -10.15
ASHOKAN____ 23654	33.21 2.34 0.00	29.94 2.27 0.00	26.96 0.76 -0.19	26.43 2.00 0.00	26.45 2.01 0.00	26.54 0.56 -2.63	28.76 0.45 -3.20	27.12 0.67 -1.83	31.11 0.61 -8.09	31.37 0.61 -6.42	31.32 0.55 -4.82	31.07 0.54 -3.38	32.03 0.41 -4.19	32.80 0.46 -7.08	36.56 0.39 -13.43	42.47 1.58 -18.34	47.93 2.01 -18.09	53.64 2.24 -21.52	56.74 2.52 -23.45	55.86 0.98 -24.24	54.32 1.14 -18.50	48.07 0.85 -18.09	40.91 0.96 -7.77	36.43 0.70 -11.50
ASTORIA_EAST_ENERGY_CC1 323581	33.29 2.41 -0.01	30.11 2.44 -0.01	28.35 2.16 -0.17	26.44 2.00 -0.01	26.46 2.01 -0.01	27.41 1.75 -2.30	29.90 1.98 -2.81	30.82 2.34 -3.86	31.75 2.11 -7.23	32.32 2.21 -5.76	33.03 2.36 -4.71	33.28 2.44 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.74 2.76 -22.14	61.82 2.93 -29.01	60.39 3.02 -26.60	55.07 2.94 -21.48	54.09 3.16 -16.26	47.65 2.59 -15.92	41.88 2.86 -6.84	36.62 2.28 -10.12
ASTORIA_EAST_ENERGY_CC2 323582	33.29 2.41 -0.01	30.11 2.44 -0.01	28.35 2.16 -0.17	26.44 2.00 -0.01	26.46 2.01 -0.01	27.41 1.75 -2.30	29.90 1.98 -2.81	30.82 2.34 -3.86	31.75 2.11 -7.23	32.32 2.21 -5.76	33.03 2.36 -4.71	33.28 2.44 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.74 2.76 -22.14	61.85 2.96 -29.01	60.39 3.02 -26.60	55.10 2.97 -21.48	54.09 3.16 -16.26	47.65 2.59 -15.92	41.88 2.86 -6.84	36.62 2.28 -10.12
ASTORIA_GT2_1 24094	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT2_2 24095	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT2_3 24096	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT2_4 24097	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT3_1 24098	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT3_2 24099	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT3_3 24100	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT3_4 24101	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT4_1 24102	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT4_2 24103	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT4_3 24104	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10

ASTORIA_GT4_4 24105	33.32 2.44 -0.02	30.15 2.46 -0.02	28.36 2.16 -0.18	26.44 2.00 -0.02	26.47 2.00 -0.02	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.73 2.11 -7.21	32.36 2.26 -5.75	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.41 2.30 -21.56	52.71 2.76 -22.11	61.81 2.96 -28.98	60.35 3.02 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.67 2.65 -15.88	41.89 2.90 -6.83	36.60 2.28 -10.10
ASTORIA_GT_1 23523	33.39 2.50 -0.02	30.17 2.49 -0.02	28.41 2.21 -0.18	26.49 2.05 -0.02	26.52 2.05 -0.02	27.46 1.80 -2.30	29.95 2.03 -2.81	30.86 2.39 -3.86	31.78 2.15 -7.21	32.38 2.29 -5.75	33.08 2.41 -4.71	33.36 2.52 -3.69	34.55 2.61 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.45 2.35 -21.56	52.76 2.81 -22.11	61.87 3.02 -28.98	60.41 3.08 -26.57	55.09 3.00 -21.44	54.10 3.19 -16.23	47.73 2.71 -15.88	41.96 2.96 -6.83	36.65 2.33 -10.10
ASTORIA_GT_10 24110	33.51 2.62 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.02 2.11 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.21 2.39 -10.86	45.54 2.47 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.44 3.11 -26.57	55.15 3.06 -21.44	54.20 3.29 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
ASTORIA_GT_11 24225	33.51 2.62 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.02 2.11 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.21 2.39 -10.86	45.54 2.47 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.44 3.11 -26.57	55.15 3.06 -21.44	54.20 3.29 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
ASTORIA_GT_12 24226	33.51 2.62 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.02 2.11 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.21 2.39 -10.86	45.54 2.47 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.44 3.11 -26.57	55.15 3.06 -21.44	54.20 3.29 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
ASTORIA_GT_13 24227	33.51 2.62 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.02 2.11 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.21 2.39 -10.86	45.54 2.47 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.44 3.11 -26.57	55.15 3.06 -21.44	54.20 3.29 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
ASTORIA_GT_5 24106	33.39 2.50 -0.02	30.17 2.49 -0.02	28.41 2.21 -0.18	26.49 2.05 -0.02	26.52 2.05 -0.02	27.46 1.80 -2.30	29.95 2.03 -2.81	30.86 2.39 -3.86	31.78 2.15 -7.21	32.38 2.29 -5.75	33.08 2.41 -4.71	33.36 2.52 -3.69	34.55 2.61 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.45 2.35 -21.56	52.76 2.81 -22.11	61.87 3.02 -28.98	60.41 3.08 -26.57	55.09 3.00 -21.44	54.10 3.19 -16.23	47.73 2.71 -15.88	41.96 2.96 -6.83	36.65 2.33 -10.10
ASTORIA_GT_7 24107	33.39 2.50 -0.02	30.17 2.49 -0.02	28.41 2.21 -0.18	26.49 2.05 -0.02	26.52 2.05 -0.02	27.46 1.80 -2.30	29.95 2.03 -2.81	30.86 2.39 -3.86	31.78 2.15 -7.21	32.38 2.29 -5.75	33.08 2.41 -4.71	33.36 2.52 -3.69	34.55 2.61 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.45 2.35 -21.56	52.76 2.81 -22.11	61.87 3.02 -28.98	60.41 3.08 -26.57	55.09 3.00 -21.44	54.10 3.19 -16.23	47.73 2.71 -15.88	41.96 2.96 -6.83	36.65 2.33 -10.10
ASTORIA_GT_8 24108	33.39 2.50 -0.02	30.17 2.49 -0.02	28.41 2.21 -0.18	26.49 2.05 -0.02	26.52 2.05 -0.02	27.46 1.80 -2.30	29.95 2.03 -2.81	30.86 2.39 -3.86	31.78 2.15 -7.21	32.38 2.29 -5.75	33.08 2.41 -4.71	33.36 2.52 -3.69	34.55 2.61 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.45 2.35 -21.56	52.76 2.81 -22.11	61.87 3.02 -28.98	60.41 3.08 -26.57	55.09 3.00 -21.44	54.10 3.19 -16.23	47.73 2.71 -15.88	41.96 2.96 -6.83	36.65 2.33 -10.10
ASTORIA___2 24149	33.32 2.44 -0.01	30.14 2.46 -0.01	28.38 2.19 -0.17	26.44 2.00 -0.01	26.46 2.01 -0.01	27.41 1.75 -2.30	29.90 1.98 -2.81	30.84 2.36 -3.86	31.75 2.11 -7.23	32.34 2.24 -5.76	33.03 2.36 -4.71	33.31 2.47 -3.69	34.49 2.55 -4.51	34.70 2.37 -7.06	37.46 2.23 -12.49	46.43 2.32 -21.56	52.74 2.76 -22.14	61.85 2.96 -29.01	60.42 3.05 -26.60	55.10 2.97 -21.48	54.13 3.19 -16.26	47.68 2.62 -15.92	41.91 2.90 -6.84	36.62 2.28 -10.12
ASTORIA___3 23516	33.51 2.62 -0.02	30.23 2.54 -0.02	28.51 2.31 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.31	30.03 2.11 -2.82	31.32 2.34 -4.36	33.00 2.08 -8.50	35.92 2.26 -9.32	39.21 2.39 -10.86	45.54 2.47 -15.93	50.16 2.55 -20.18	50.10 2.37 -22.46	51.07 2.25 -26.07	58.94 2.32 -34.06	55.24 2.81 -24.58	79.45 2.99 -46.58	60.45 3.08 -26.61	55.20 3.06 -21.49	54.24 3.30 -16.27	47.72 2.65 -15.93	41.95 2.93 -6.86	36.69 2.33 -10.13
ASTORIA___4 23517	33.51 2.62 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.02 2.11 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.21 2.39 -10.86	45.54 2.47 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.44 3.11 -26.57	55.15 3.06 -21.44	54.20 3.29 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
ASTORIA___5 23518	33.51 2.62 -0.02	30.23 2.54 -0.02	28.51 2.31 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.31	30.03 2.11 -2.82	31.32 2.34 -4.36	33.00 2.08 -8.50	35.92 2.26 -9.32	39.21 2.39 -10.86	45.54 2.47 -15.93	50.16 2.55 -20.18	50.10 2.37 -22.46	51.07 2.25 -26.07	58.94 2.32 -34.06	55.24 2.81 -24.58	79.45 2.99 -46.58	60.45 3.08 -26.61	55.20 3.06 -21.49	54.24 3.30 -16.27	47.72 2.65 -15.93	41.95 2.93 -6.86	36.69 2.33 -10.13
AST_ENERGY_2_CC3 323677	31.82 2.13 1.18	29.95 2.27 -0.01	28.19 2.00 -0.17	26.27 1.83 -0.01	26.29 1.83 -0.01	27.27 1.61 -2.30	29.72 1.81 -2.81	30.67 2.19 -3.86	31.57 1.93 -7.23	31.82 2.00 -5.48	31.67 2.13 -3.58	31.67 2.20 -2.33	31.67 2.28 -1.97	31.67 2.15 -4.26	31.67 2.02 -6.91	33.68 2.10 -9.03	33.90 2.48 -3.58	43.01 2.66 -10.47	41.31 2.74 -7.81	36.06 2.66 -2.75	35.06 2.84 2.46	31.67 2.33 -0.20	31.67 2.57 3.08	31.67 2.04 -5.41
AST_ENERGY_2_CC4 323678	31.82 2.13 1.18	29.95 2.27 -0.01	28.19 2.00 -0.17	26.27 1.83 -0.01	26.29 1.83 -0.01	27.27 1.61 -2.30	29.72 1.81 -2.81	30.67 2.19 -3.86	31.57 1.93 -7.23	31.82 2.00 -5.48	31.67 2.13 -3.58	31.67 2.20 -2.33	31.67 2.28 -1.97	31.67 2.15 -4.26	31.67 2.02 -6.91	33.68 2.10 -9.03	33.90 2.48 -3.58	43.01 2.66 -10.47	41.31 2.74 -7.81	36.06 2.66 -2.75	35.06 2.84 2.46	31.67 2.33 -0.20	31.67 2.57 3.08	31.67 2.04 -5.41

ATHENS_STG_1 23668	32.04 1.17 0.00	28.83 1.16 0.00	27.30 1.09 -0.19	25.45 1.03 0.00	25.47 1.03 0.00	26.82 0.84 -2.62	29.23 0.93 -3.20	27.46 1.01 -1.83	31.36 0.87 -8.08	31.73 0.97 -6.42	31.78 1.01 -4.81	31.55 1.03 -3.38	32.65 1.04 -4.18	33.30 0.96 -7.07	37.08 0.93 -13.41	35.68 0.97 -12.16	39.50 1.17 -10.48	40.92 1.23 -9.82	48.08 1.26 -16.05	55.89 1.26 -23.99	54.50 1.35 -18.47	48.28 1.08 -18.07	41.12 1.19 -7.76	36.65 0.94 -11.48
ATHENS_STG_2 23670	32.04 1.17 0.00	28.83 1.16 0.00	27.30 1.09 -0.19	25.45 1.03 0.00	25.47 1.03 0.00	26.82 0.84 -2.62	29.23 0.93 -3.20	27.46 1.01 -1.83	31.36 0.87 -8.08	31.73 0.97 -6.42	31.78 1.01 -4.81	31.55 1.03 -3.38	32.65 1.04 -4.18	33.30 0.96 -7.07	37.08 0.93 -13.41	35.68 0.97 -12.16	39.50 1.17 -10.48	40.92 1.23 -9.82	48.08 1.26 -16.05	55.89 1.26 -23.99	54.50 1.35 -18.47	48.28 1.08 -18.07	41.12 1.19 -7.76	36.65 0.94 -11.48
ATHENS_STG_3 23677	32.04 1.17 0.00	28.83 1.16 0.00	27.30 1.09 -0.19	25.45 1.03 0.00	25.47 1.03 0.00	26.82 0.84 -2.62	29.23 0.93 -3.20	27.46 1.01 -1.83	31.36 0.87 -8.08	31.73 0.97 -6.42	31.78 1.01 -4.81	31.55 1.03 -3.38	32.65 1.04 -4.18	33.30 0.96 -7.07	37.08 0.93 -13.41	35.68 0.97 -12.16	39.50 1.17 -10.48	40.92 1.23 -9.82	48.08 1.26 -16.05	55.89 1.26 -23.99	54.50 1.35 -18.47	48.28 1.08 -18.07	41.12 1.19 -7.76	36.65 0.94 -11.48
AUBURN___LFGE 323710	30.87 0.00 0.00	27.53 -0.14 0.00	25.80 -0.23 -0.02	24.28 -0.15 0.00	24.35 -0.10 0.00	23.36 -0.28 -0.28	25.12 -0.33 -0.35	24.28 -0.54 -0.20	22.75 -0.54 -0.87	24.47 -0.56 -0.69	25.82 -0.73 -0.59	26.72 -0.84 -0.41	27.06 -0.88 -0.51	25.37 -0.76 -0.86	23.83 -0.55 -1.64	24.06 -0.41 -1.91	28.88 -0.56 -1.59	31.02 -0.63 -1.77	32.36 -0.58 -2.18	32.82 -0.43 -2.60	36.22 -0.45 -1.99	30.62 -0.47 -1.95	32.37 -0.64 -0.84	25.27 -0.19 -1.24
BABYLON_RES_REC 323704	34.40 3.52 -0.01	30.97 3.29 -0.01	29.21 3.02 -0.17	27.24 2.81 -0.01	27.24 2.79 -0.01	28.22 2.55 -2.32	30.72 2.79 -2.83	29.68 3.03 -2.04	34.68 2.69 -9.58	34.47 2.90 -7.24	41.23 3.06 -12.21	41.47 3.15 -11.18	41.44 3.18 -10.83	41.89 2.95 -13.66	42.15 2.77 -16.63	46.72 2.59 -21.57	53.20 3.20 -22.16	62.19 3.29 -29.02	60.84 3.45 -26.63	55.74 3.58 -21.51	54.77 3.81 -16.28	49.12 3.09 -16.90	42.97 3.79 -7.01	40.55 3.03 -13.30
BALL_HILL_WT_PWR 323825	29.67 -1.20 0.00	26.06 -1.61 0.00	24.15 -1.90 -0.03	22.86 -1.56 0.00	23.01 -1.44 0.00	22.20 -1.59 -0.43	24.05 -1.58 -0.53	22.98 -1.95 -0.30	21.80 -1.95 -1.34	23.36 -2.04 -1.06	24.29 -2.47 -0.80	24.11 -2.74 0.29	24.36 -2.55 0.52	22.07 -2.58 0.62	19.59 -1.93 1.22	19.34 -1.51 1.70	21.86 -2.27 4.14	23.13 -2.22 4.48	23.15 -2.05 5.40	25.20 -3.22 3.39	29.81 -3.22 1.65	26.77 -2.97 -0.61	30.21 -3.25 -1.29	24.55 -1.57 -1.90
BARON_WINDS___WT_PWR 323822	30.47 -0.40 0.00	26.92 -0.75 0.00	25.01 -1.04 -0.04	23.59 -0.83 0.00	23.66 -0.78 0.00	22.94 -0.98 -0.56	24.78 -1.00 -0.68	23.80 -1.21 -0.39	22.81 -1.32 -1.72	24.35 -1.36 -1.37	25.19 -1.79 -1.02	21.25 -2.01 3.89	19.83 -1.89 5.71	15.11 -1.92 8.23	5.41 -1.52 15.81	1.58 -1.22 19.75	-6.00 -1.39 32.45	-6.83 -1.43 35.28	-13.66 -1.38 43.05	-6.00 -1.23 35.42	11.00 -2.05 21.63	18.10 -1.92 9.11	31.64 -2.19 -1.65	25.61 -1.07 -2.45
BARRETT_IC_1 23704	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_10 23701	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_11 23702	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_12 23703	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_2 23705	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_3 23706	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_4 23707	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_5 23708	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30

BARRETT_IC_6 23709	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_7 23710	33.90 3.03 -0.01	30.53 2.85 -0.01	28.79 2.60 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.20 -2.31	30.36 2.43 -2.82	28.99 2.66 -1.71	34.33 2.33 -9.59	34.10 2.53 -7.22	40.84 2.67 -12.21	41.07 2.74 -11.18	41.06 2.80 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.04 3.06 -22.13	62.13 3.26 -28.99	60.71 3.35 -26.58	55.44 3.34 -21.46	54.49 3.57 -16.24	47.96 2.94 -15.88	42.28 3.28 -6.83	40.12 2.62 -13.28
BARRETT_IC_8 23711	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT_IC_9 23700	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT___1 23545	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BARRETT___2 23546	33.91 3.03 -0.01	30.53 2.85 -0.01	28.82 2.63 -0.17	26.88 2.44 -0.01	26.90 2.44 -0.01	27.87 2.19 -2.32	30.36 2.43 -2.83	28.99 2.66 -1.71	34.35 2.33 -9.60	34.11 2.53 -7.24	40.84 2.67 -12.21	41.06 2.74 -11.18	41.09 2.83 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.63 2.50 -21.57	53.07 3.06 -22.16	62.16 3.26 -29.03	60.75 3.35 -26.63	55.49 3.34 -21.51	54.53 3.57 -16.28	47.97 2.91 -15.92	42.30 3.28 -6.85	40.14 2.62 -13.30
BATAVIA___115KV_TB1 55881	30.01 -0.86 0.00	26.42 -1.25 0.00	24.66 -1.38 -0.02	23.25 -1.17 0.00	23.47 -0.98 0.00	22.89 -0.79 -0.33	24.73 -0.78 -0.40	23.65 -1.21 -0.23	22.20 -1.23 -1.02	23.81 -1.34 -0.81	24.91 -1.71 -0.67	25.37 -1.82 -0.05	25.43 -1.97 0.03	23.63 -1.72 -0.09	21.77 -1.11 -0.15	21.70 -0.88 -0.03	24.97 -1.50 1.37	26.50 -1.91 1.47	27.24 -1.78 1.75	28.39 -1.62 0.63	33.17 -1.49 0.02	28.74 -1.49 -1.09	31.16 -1.99 -0.98	24.93 -0.75 -1.45
BAYONEEC___CTG1 323682	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG10 323750	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG2 323683	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG3 323684	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG4 323685	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG5 323686	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG6 323687	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG7 323688	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13

BAYONEEC___CTG8 323689	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BAYONEEC___CTG9 323749	33.48 2.59 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.54 2.10 -0.01	26.56 2.10 -0.01	27.54 1.87 -2.31	30.00 2.08 -2.82	30.83 2.34 -3.87	32.77 2.11 -8.25	36.24 2.26 -9.64	38.49 2.41 -10.12	43.76 2.50 -14.12	47.19 2.55 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.81 -24.13	76.18 2.99 -43.31	60.45 3.08 -26.61	55.20 3.06 -21.49	54.20 3.26 -16.27	47.71 2.65 -15.93	41.99 2.96 -6.86	36.68 2.33 -10.13
BEACON___LESR 323632	31.95 1.08 0.00	28.86 1.19 0.00	27.32 1.09 -0.21	25.45 1.03 0.00	25.47 1.03 0.00	27.10 0.82 -2.93	29.55 0.88 -3.57	27.50 0.84 -2.04	32.19 0.76 -9.01	32.37 0.87 -7.16	32.24 0.91 -5.37	31.86 0.95 -3.77	33.05 0.96 -4.67	34.04 0.88 -7.89	38.52 0.82 -14.97	40.53 0.79 -17.18	44.97 0.97 -16.15	48.71 1.02 -17.81	54.05 1.05 -22.24	58.52 0.98 -26.90	56.40 1.11 -20.61	50.14 0.85 -20.16	41.73 0.90 -8.66	37.74 0.70 -12.81
BEAVER RIVER___HYD 24048	30.72 -0.15 0.00	27.48 -0.19 0.00	25.82 -0.21 -0.01	24.23 -0.20 0.00	24.28 -0.17 0.00	23.18 -0.28 -0.10	24.65 -0.58 -0.13	24.08 -0.61 -0.07	22.15 -0.58 -0.32	24.06 -0.54 -0.26	25.55 -0.60 -0.19	26.60 -0.68 -0.13	26.75 -0.85 -0.17	24.69 -0.86 -0.28	22.55 -0.73 -0.53	22.45 -0.72 -0.62	27.65 -0.78 -0.59	29.79 -0.75 -0.66	30.99 -0.59 -0.81	31.18 -0.43 -0.96	34.90 -0.52 -0.74	29.48 -0.38 -0.72	31.93 -0.55 -0.31	24.30 -0.39 -0.46
BEEBEE_GT_13 23619	30.04 -0.83 0.00	26.59 -1.08 0.00	24.95 -1.09 -0.02	23.42 -1.00 0.00	23.57 -0.88 0.00	22.94 -0.70 -0.29	24.75 -0.70 -0.35	23.79 -1.03 -0.20	22.24 -1.05 -0.88	23.94 -1.10 -0.70	25.17 -1.38 -0.59	25.98 -1.57 -0.41	26.13 -1.81 -0.51	24.69 -1.44 -0.86	23.40 -0.98 -1.64	23.56 -0.90 -1.91	27.89 -1.56 -1.60	29.78 -1.88 -1.78	31.12 -1.85 -2.20	31.52 -1.75 -2.62	35.23 -1.46 -2.01	29.73 -1.37 -1.97	31.44 -1.58 -0.84	24.85 -0.63 -1.25
BENSHRST_27_KV_BENSHRST_1 355998	33.85 2.96 -0.02	30.51 2.82 -0.02	28.77 2.58 -0.18	26.83 2.39 -0.02	26.86 2.40 -0.02	27.81 2.15 -2.30	30.25 2.33 -2.81	31.44 2.46 -4.36	33.14 2.24 -8.48	45.93 2.46 -19.13	39.42 2.60 -10.86	51.05 2.71 -21.20	50.43 2.83 -20.18	50.36 2.63 -22.46	51.27 2.46 -26.07	59.17 2.55 -34.06	55.46 3.06 -24.55	79.72 3.29 -46.55	60.75 3.42 -26.57	55.46 3.37 -21.44	54.58 3.68 -16.23	48.07 3.03 -15.90	42.37 3.25 -6.95	36.94 2.59 -10.12
BETHLEHEM___GRP 23843	31.49 0.62 0.00	28.50 0.83 0.00	27.01 0.78 -0.21	25.16 0.73 0.00	25.18 0.73 0.00	26.82 0.54 -2.92	29.25 0.58 -3.57	27.13 0.47 -2.04	31.85 0.43 -9.01	31.98 0.49 -7.15	31.82 0.49 -5.37	31.43 0.52 -3.77	32.62 0.52 -4.67	33.65 0.48 -7.90	38.17 0.45 -14.97	40.12 0.43 -17.14	44.38 0.47 -16.06	48.04 0.48 -17.68	53.41 0.49 -22.15	57.95 0.43 -26.87	55.76 0.49 -20.59	49.66 0.38 -20.14	41.21 0.39 -8.65	37.39 0.36 -12.80
BETHLEHEM___GS1 323560	31.49 0.62 0.00	28.50 0.83 0.00	27.01 0.78 -0.21	25.16 0.73 0.00	25.18 0.73 0.00	26.82 0.54 -2.93	29.25 0.58 -3.57	27.13 0.47 -2.04	31.86 0.42 -9.02	31.99 0.49 -7.16	31.82 0.49 -5.37	31.43 0.51 -3.77	32.62 0.52 -4.67	33.64 0.48 -7.90	38.17 0.45 -14.97	40.11 0.43 -17.14	44.40 0.47 -16.09	48.06 0.48 -17.71	53.44 0.49 -22.18	57.99 0.43 -26.91	55.79 0.49 -20.63	49.69 0.38 -20.17	41.23 0.39 -8.67	37.41 0.36 -12.82
BETHLEHEM___GS2 323561	31.49 0.62 0.00	28.50 0.83 0.00	27.01 0.78 -0.21	25.16 0.73 0.00	25.18 0.73 0.00	26.82 0.54 -2.93	29.25 0.58 -3.57	27.13 0.47 -2.04	31.86 0.42 -9.02	31.99 0.49 -7.16	31.82 0.49 -5.37	31.43 0.51 -3.77	32.62 0.52 -4.67	33.64 0.48 -7.90	38.17 0.45 -14.97	40.11 0.43 -17.14	44.40 0.47 -16.09	48.06 0.48 -17.71	53.44 0.49 -22.18	57.99 0.43 -26.91	55.79 0.49 -20.63	49.69 0.38 -20.17	41.23 0.39 -8.67	37.41 0.36 -12.82
BETHLEHEM___GS3 323562	31.49 0.62 0.00	28.50 0.83 0.00	27.01 0.78 -0.21	25.16 0.73 0.00	25.18 0.73 0.00	26.82 0.54 -2.93	29.25 0.58 -3.57	27.13 0.47 -2.04	31.86 0.42 -9.02	31.99 0.49 -7.16	31.82 0.49 -5.37	31.43 0.51 -3.77	32.62 0.52 -4.67	33.64 0.48 -7.90	38.17 0.45 -14.97	40.11 0.43 -17.14	44.40 0.47 -16.09	48.06 0.48 -17.71	53.44 0.49 -22.18	57.99 0.43 -26.91	55.79 0.49 -20.63	49.69 0.38 -20.17	41.23 0.39 -8.67	37.41 0.36 -12.82
BETHLEHEM___STEEL 23779	29.57 -1.30 0.00	25.98 -1.69 0.00	24.04 -2.00 -0.03	22.81 -1.61 0.00	22.96 -1.49 0.00	22.14 -1.61 -0.39	23.98 -1.61 -0.48	22.90 -1.99 -0.27	21.61 -2.02 -1.22	23.19 -2.12 -0.97	24.20 -2.54 -0.78	24.01 -2.85 0.28	24.29 -2.63 0.51	22.01 -2.65 0.60	19.59 -1.98 1.18	19.37 -1.53 1.65	21.70 -1.95 4.20	22.97 -2.36 4.55	23.01 -2.28 5.48	24.89 -2.18 3.58	29.84 -3.02 1.82	26.73 -2.80 -0.39	30.03 -3.31 -1.17	24.35 -1.60 -1.73
BETHLHEM_115KV_TB1 79974	31.55 0.68 0.00	28.53 0.86 0.00	27.01 0.78 -0.21	25.18 0.76 0.00	25.21 0.76 0.00	26.84 0.56 -2.92	29.27 0.60 -3.56	27.17 0.52 -2.04	31.88 0.47 -9.00	32.00 0.51 -7.15	31.84 0.52 -5.37	31.48 0.57 -3.77	32.67 0.58 -4.66	33.66 0.51 -7.89	38.20 0.50 -14.96	40.11 0.47 -17.08	44.40 0.56 -16.00	48.04 0.57 -17.59	53.43 0.58 -22.08	58.01 0.52 -26.85	55.84 0.59 -20.58	49.69 0.44 -20.12	41.30 0.48 -8.64	37.43 0.41 -12.79
BETHPAGE_CC_5 323564	34.21 3.33 -0.01	30.83 3.15 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.12 2.67 -0.01	28.08 2.41 -2.32	30.59 2.66 -2.83	29.39 2.90 -1.86	34.55 2.58 -9.56	34.38 2.80 -7.24	41.13 2.96 -12.21	41.39 3.07 -11.18	41.39 3.13 -10.83	41.83 2.90 -13.66	42.03 2.66 -16.63	46.76 2.64 -21.57	53.26 3.26 -22.16	62.30 3.40 -29.02	60.93 3.54 -26.63	55.74 3.58 -21.51	54.77 3.81 -16.28	48.44 3.12 -16.18	42.69 3.63 -6.89	40.41 2.88 -13.30
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.67 -1.20 0.00	26.04 -1.63 0.00	24.07 -1.98 -0.03	22.86 -1.56 0.00	23.01 -1.44 0.00	22.10 -1.66 -0.40	23.93 -1.66 -0.49	22.86 -2.04 -0.28	21.58 -2.06 -1.23	23.15 -2.17 -0.98	24.15 -2.60 -0.79	24.04 -2.88 0.23	24.42 -2.58 0.43	22.07 -2.70 0.49	19.73 -2.05 0.96	19.63 -1.53 1.39	22.25 -1.78 3.81	23.58 -2.18 4.12	23.71 -2.09 4.96	25.53 -1.99 3.12	30.06 -3.09 1.53	26.86 -2.83 -0.55	29.98 -3.38 -1.18	24.33 -1.65 -1.75
BINGHAMTON___COGEN 23790	31.18 0.31 0.00	27.81 0.14 0.00	26.05 -0.03 -0.05	24.50 0.07 0.00	24.57 0.12 0.00	24.04 -0.09 -0.78	26.00 -0.05 -0.95	24.99 -0.17 -0.54	24.58 -0.22 -2.39	26.02 -0.22 -1.90	27.06 -0.36 -1.46	27.77 -0.41 -1.03	28.37 -0.33 -1.27	27.04 -0.38 -2.15	26.64 -0.18 -4.08	27.63 0.00 -5.08	32.69 0.08 -4.76	35.37 0.03 -5.47	37.26 0.12 -6.36	37.98 0.18 -7.15	40.04 -0.10 -5.46	34.28 -0.20 -5.34	34.11 -0.35 -2.30	27.67 0.05 -3.40

BIXINCNT_115KV_LOAD 355685	29.88 -0.99 0.00	26.15 -1.52 0.00	23.97 -2.08 -0.03	22.79 -1.64 0.00	22.88 -1.56 0.00	21.73 -2.06 -0.42	23.59 -2.03 -0.52	22.48 -2.44 -0.30	21.21 -2.51 -1.30	22.82 -2.56 -1.04	23.88 -2.91 -0.83	23.97 -3.23 -0.05	24.57 -2.83 0.04	21.98 -3.39 -0.10	20.20 -2.71 -0.17	20.56 -2.01 -0.02	24.08 -2.03 1.73	25.70 -2.33 1.85	26.32 -2.25 2.20	27.82 -2.11 0.71	30.79 -3.92 -0.03	27.12 -3.44 -1.42	29.31 -4.12 -1.25	23.90 -2.18 -1.85
BLACK RIVER___HYD 24047	31.06 0.19 0.00	27.72 0.06 0.00	26.03 0.00 -0.01	24.45 0.02 0.00	24.55 0.10 0.00	23.43 -0.07 -0.15	24.93 -0.35 -0.18	24.28 -0.44 -0.10	22.42 -0.45 -0.45	24.29 -0.41 -0.36	25.73 -0.49 -0.27	26.76 -0.57 -0.19	26.98 -0.68 -0.23	24.90 -0.76 -0.39	22.92 -0.57 -0.75	22.90 -0.52 -0.87	28.14 -0.53 -0.83	30.38 -0.42 -0.92	31.72 -0.18 -1.13	32.03 0.03 -1.35	35.71 0.00 -1.03	30.18 0.03 -1.01	32.45 -0.16 -0.43	24.87 0.00 -0.64
BLACKRVR_115KV_TB2 79977	31.05 0.19 0.00	27.72 0.06 0.00	26.03 0.00 -0.01	24.45 0.02 0.00	24.55 0.10 0.00	23.41 -0.07 -0.12	24.90 -0.35 -0.15	24.26 -0.44 -0.08	22.34 -0.45 -0.37	24.22 -0.41 -0.30	25.73 -0.49 -0.27	26.76 -0.57 -0.19	26.98 -0.69 -0.23	24.90 -0.76 -0.39	22.92 -0.57 -0.75	22.90 -0.52 -0.87	28.00 -0.53 -0.68	30.22 -0.42 -0.76	31.52 -0.18 -0.93	31.82 0.06 -1.11	35.50 -0.03 -0.85	30.00 0.03 -0.84	32.37 -0.16 -0.36	24.76 0.00 -0.53
BLDWN_LI_69_KV_BK4 356085	34.12 3.24 -0.01	30.72 3.04 -0.01	28.97 2.78 -0.17	27.02 2.59 -0.01	27.05 2.59 -0.01	28.01 2.34 -2.31	30.48 2.56 -2.82	29.17 2.81 -1.74	34.40 2.49 -9.50	34.29 2.73 -7.22	41.05 2.88 -12.21	41.31 2.99 -11.18	41.31 3.04 -10.83	41.79 2.86 -13.66	42.03 2.66 -16.63	46.84 2.73 -21.56	53.34 3.37 -22.13	62.44 3.59 -28.98	61.07 3.72 -26.58	55.84 3.74 -21.46	54.87 3.95 -16.24	48.26 3.23 -15.88	42.57 3.57 -6.83	40.31 2.81 -13.28
BLISS_WT_PWR 323608	29.82 -1.05 0.00	26.12 -1.55 0.00	23.97 -2.08 -0.03	22.67 -1.76 0.00	22.76 -1.69 0.00	21.64 -2.17 -0.46	23.52 -2.13 -0.56	22.38 -2.56 -0.32	21.15 -2.67 -1.40	22.75 -2.70 -1.11	23.78 -3.01 -0.83	23.86 -3.34 -0.05	24.40 -2.99 0.04	21.78 -3.59 -0.10	20.00 -2.91 -0.17	20.38 -2.19 -0.02	24.01 -2.28 1.55	25.66 -2.57 1.65	26.29 -2.52 1.96	27.86 -2.36 0.42	30.46 -4.47 -0.25	26.87 -3.90 -1.64	29.17 -4.34 -1.35	23.87 -2.35 -1.99
BLUESTONE___WT_PWR 323821	32.50 1.63 0.00	29.00 1.33 0.00	27.17 1.09 -0.06	25.53 1.10 0.00	25.67 1.22 0.00	25.17 0.96 -0.85	27.05 0.90 -1.04	26.10 0.89 -0.60	25.78 0.74 -2.63	27.21 0.78 -2.09	28.30 0.78 -1.57	29.06 0.81 -1.10	29.67 0.88 -1.36	28.20 0.63 -2.30	27.83 0.73 -4.37	28.84 0.86 -5.44	34.30 1.22 -5.23	37.22 1.35 -6.00	39.27 1.51 -7.00	40.11 1.59 -7.87	42.11 1.42 -6.02	36.13 1.11 -5.88	35.76 1.06 -2.53	29.03 1.06 -3.74
BLUE_CIRC_CHEM_DRP 24182	31.80 0.93 0.00	28.66 1.00 0.00	27.13 0.91 -0.20	25.30 0.88 0.00	25.33 0.88 0.00	26.88 0.65 -2.87	29.28 0.68 -3.50	27.26 0.64 -2.00	31.79 0.54 -8.84	31.97 0.61 -7.02	31.86 0.62 -5.28	31.47 0.62 -3.70	32.64 0.63 -4.58	33.60 0.58 -7.76	37.99 0.55 -14.70	40.24 0.56 -17.13	44.68 0.70 -16.14	48.56 0.75 -17.93	53.67 0.80 -22.10	57.77 0.74 -26.39	55.76 0.87 -20.22	49.58 0.67 -19.77	41.37 0.71 -8.49	37.38 0.58 -12.57
BOC_GAS_DRP 24189	31.67 0.80 0.00	28.53 0.86 0.00	27.03 0.81 -0.21	25.18 0.76 0.00	25.21 0.76 0.00	26.85 0.58 -2.91	29.28 0.63 -3.55	27.29 0.64 -2.02	31.93 0.56 -8.95	32.06 0.61 -7.11	31.92 0.62 -5.34	31.54 0.65 -3.75	32.73 0.66 -4.64	33.72 0.61 -7.85	38.22 0.59 -14.88	39.94 0.61 -16.78	44.22 0.72 -15.65	47.72 0.75 -17.09	53.25 0.77 -21.71	58.05 0.70 -26.70	55.94 0.80 -20.47	49.80 0.64 -20.02	41.45 0.68 -8.60	37.53 0.58 -12.72
BOONVILLE_115KV_TB1 79983	31.36 0.49 0.00	28.06 0.39 0.00	26.36 0.34 -0.01	24.74 0.32 0.00	24.82 0.37 0.00	23.69 0.26 -0.08	25.27 0.08 -0.09	24.75 0.07 -0.05	22.71 0.07 -0.23	24.65 0.12 -0.19	26.22 0.10 -0.16	27.37 0.11 -0.11	27.60 0.03 -0.14	25.46 -0.05 -0.24	23.22 0.02 -0.46	23.13 0.05 -0.53	28.38 0.11 -0.43	30.53 0.18 -0.47	31.63 0.28 -0.58	31.68 0.34 -0.70	35.52 0.31 -0.53	29.95 0.29 -0.52	32.59 0.19 -0.22	24.78 0.22 -0.33
BORALEX_4TH_BRANCH 23824	32.51 1.64 0.00	29.19 1.52 0.00	27.63 1.41 -0.21	25.74 1.32 0.00	25.77 1.32 0.00	27.44 1.14 -2.94	29.92 1.23 -3.59	27.95 1.28 -2.05	32.64 1.17 -9.06	32.80 1.27 -7.20	32.69 1.32 -5.41	32.30 1.36 -3.79	33.50 1.37 -4.70	34.48 1.26 -7.95	38.95 1.14 -15.07	41.28 1.17 -17.56	45.84 1.45 -16.55	49.73 1.46 -18.38	54.91 1.48 -22.66	59.08 1.38 -27.06	57.10 1.70 -20.73	50.84 1.43 -20.27	42.42 1.54 -8.71	38.20 1.09 -12.89
BOWLINE___1 23526	33.00 2.13 0.00	29.72 2.05 0.00	28.05 1.87 -0.16	26.16 1.73 0.00	26.18 1.74 0.00	27.11 1.52 -2.24	29.57 1.73 -2.73	28.13 1.94 -1.56	31.06 1.75 -6.90	31.72 1.90 -5.48	32.07 2.00 -4.11	32.09 2.06 -2.88	33.11 2.11 -3.57	33.30 2.00 -6.04	36.08 1.89 -11.45	44.82 1.94 -20.33	51.43 2.39 -21.19	59.65 2.54 -27.23	58.99 2.61 -25.61	54.09 2.60 -20.84	53.23 2.78 -15.78	46.81 2.24 -15.43	41.28 2.48 -6.63	35.99 1.96 -9.81
BOWLINE___2 23595	33.00 2.13 0.00	29.72 2.05 0.00	28.05 1.87 -0.16	26.16 1.73 0.00	26.18 1.74 0.00	27.11 1.52 -2.24	29.57 1.73 -2.73	28.13 1.94 -1.56	31.06 1.75 -6.90	31.72 1.90 -5.48	32.07 2.00 -4.11	32.12 2.09 -2.88	33.11 2.11 -3.57	33.30 2.00 -6.04	36.08 1.89 -11.45	44.82 1.94 -20.33	51.43 2.39 -21.19	59.65 2.54 -27.24	58.99 2.61 -25.61	54.09 2.60 -20.84	53.23 2.78 -15.78	46.81 2.24 -15.43	41.28 2.48 -6.63	36.00 1.96 -9.81
BRADY___115KV_TB2 356060	30.41 -0.46 0.00	27.25 -0.42 0.00	25.68 -0.34 0.00	24.06 -0.37 0.00	24.01 -0.44 0.00	22.94 -0.42 0.00	24.58 -0.53 0.00	24.18 -0.44 0.00	21.99 -0.43 0.00	23.85 -0.49 0.00	25.46 -0.49 0.00	26.63 -0.52 0.00	26.91 -0.52 0.00	24.76 -0.51 0.00	22.15 -0.59 0.00	21.88 -0.68 0.00	27.09 -0.75 0.00	29.13 -0.75 0.00	30.00 -0.77 0.00	29.94 -0.70 0.00	33.91 -0.76 0.00	28.58 -0.55 0.00	31.62 -0.55 0.00	23.55 -0.68 0.00
BRANSCOMB___SOLAR 323811	32.44 1.57 0.00	29.11 1.44 0.00	27.58 1.35 -0.21	25.65 1.22 0.00	25.69 1.25 0.00	27.42 1.05 -3.01	29.91 1.13 -3.67	27.90 1.18 -2.10	32.78 1.10 -9.27	32.89 1.19 -7.36	32.75 1.27 -5.52	32.29 1.28 -3.87	33.54 1.32 -4.80	34.55 1.16 -8.12	39.20 1.07 -15.39	41.24 1.06 -17.63	45.74 1.34 -16.56	49.59 1.46 -18.24	55.16 1.57 -22.82	59.86 1.56 -27.65	57.67 1.80 -21.19	51.26 1.40 -20.73	42.59 1.51 -8.90	38.47 1.06 -13.17
BRDGHMPT_69_KV_BK1 55812	35.36 4.48 -0.02	31.86 4.18 -0.02	30.05 3.85 -0.18	28.00 3.57 -0.01	28.00 3.55 -0.01	28.94 3.27 -2.31	31.49 3.56 -2.82	33.82 3.87 -5.34	35.45 3.38 -9.65	35.05 3.48 -7.22	41.73 3.56 -12.21	41.93 3.61 -11.18	41.88 3.62 -10.83	42.27 3.34 -13.66	42.51 3.14 -16.63	47.48 3.29 -21.63	54.05 4.07 -22.14	63.12 4.24 -29.00	61.93 4.52 -26.64	56.75 4.54 -21.57	55.78 4.85 -16.25	64.01 3.88 -31.00	45.87 4.38 -9.32	41.06 3.56 -13.28

BRENTWOD_69_KV_W. BRTWOOD 56703	34.65 3.77 -0.01	31.19 3.51 -0.01	29.42 3.23 -0.17	27.44 3.00 -0.01	27.44 2.98 -0.01	28.38 2.71 -2.31	30.91 2.99 -2.82	30.35 3.20 -2.53	34.88 2.87 -9.60	34.66 3.09 -7.22	41.41 3.24 -12.21	41.66 3.34 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.28 2.91 -16.63	47.07 2.93 -21.59	53.65 3.68 -22.13	62.73 3.85 -28.99	61.42 4.06 -26.60	56.14 4.01 -21.48	55.29 4.37 -16.24	51.58 3.44 -19.01	43.44 3.92 -7.34	40.70 3.20 -13.28
BRISTLHL_115KV_TB1 79998	30.47 -0.40 0.00	27.23 -0.44 0.00	25.56 -0.47 -0.01	24.03 -0.39 0.00	24.08 -0.37 0.00	22.93 -0.61 -0.18	24.62 -0.70 -0.22	23.79 -0.96 -0.13	22.07 -0.90 -0.56	23.83 -0.95 -0.44	25.28 -1.09 -0.41	26.24 -1.19 -0.29	26.55 -1.23 -0.35	24.75 -1.11 -0.60	22.99 -0.89 -1.14	23.09 -0.79 -1.33	27.80 -1.06 -1.02	29.84 -1.17 -1.13	31.02 -1.14 -1.39	31.33 -0.98 -1.66	34.88 -1.07 -1.28	29.45 -0.93 -1.25	31.61 -1.09 -0.54	24.49 -0.53 -0.79
BROOKHAVEN___DRP 24191	34.87 3.98 -0.02	31.39 3.71 -0.02	29.61 3.41 -0.18	27.61 3.18 -0.01	27.61 3.15 -0.01	28.54 2.87 -2.31	31.09 3.16 -2.82	33.35 3.42 -5.30	35.09 3.03 -9.65	34.73 3.16 -7.22	41.47 3.30 -12.21	41.69 3.37 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.31 2.93 -16.63	47.23 3.04 -21.63	53.71 3.73 -22.14	62.79 3.91 -29.00	61.56 4.15 -26.64	56.38 4.17 -21.56	55.40 4.47 -16.25	63.62 3.61 -30.87	45.55 4.09 -9.30	40.82 3.32 -13.28
BROOKLYN_NAVY_YARD 23515	33.50 2.62 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.56 2.12 -0.01	26.59 2.13 -0.01	27.56 1.89 -2.31	30.00 2.08 -2.82	30.78 2.29 -3.87	32.70 2.04 -8.25	35.21 2.21 -8.66	37.99 2.36 -9.67	43.16 2.42 -13.60	47.11 2.47 -17.21	47.13 2.32 -19.54	48.43 2.18 -23.51	56.52 2.23 -31.74	54.73 2.76 -24.13	76.12 2.93 -43.31	60.39 3.02 -26.61	55.17 3.03 -21.49	54.17 3.23 -16.27	47.65 2.59 -15.93	41.92 2.90 -6.85	36.66 2.30 -10.13
BROOKLYN___ARMY_DRP 323595	33.73 2.84 -0.02	30.40 2.71 -0.02	28.67 2.47 -0.18	26.76 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.30	30.17 2.26 -2.81	31.34 2.36 -4.36	33.05 2.15 -8.48	45.80 2.34 -19.13	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.32 2.92 -24.55	79.57 3.14 -46.55	60.60 3.26 -26.57	55.31 3.22 -21.44	54.41 3.50 -16.23	47.93 2.88 -15.90	42.21 3.09 -6.95	36.82 2.47 -10.12
BROOME_2_LFGE 323671	31.18 0.31 0.00	27.81 0.14 0.00	26.05 -0.03 -0.05	24.50 0.07 0.00	24.57 0.12 0.00	24.06 -0.09 -0.80	26.03 -0.05 -0.97	25.01 -0.17 -0.56	24.65 -0.22 -2.46	26.07 -0.22 -1.95	27.06 -0.36 -1.46	27.77 -0.41 -1.03	28.37 -0.33 -1.27	27.04 -0.38 -2.15	26.64 -0.18 -4.08	27.63 0.00 -5.08	32.82 0.08 -4.89	35.55 0.06 -5.61	37.40 0.09 -6.54	38.19 0.18 -7.36	40.16 -0.14 -5.63	34.37 -0.26 -5.50	34.18 -0.35 -2.36	27.77 0.05 -3.50
BROOME___LFGE 323600	31.18 0.31 0.00	27.81 0.14 0.00	26.05 -0.03 -0.05	24.50 0.07 0.00	24.57 0.12 0.00	24.06 -0.09 -0.80	26.03 -0.05 -0.97	25.01 -0.17 -0.56	24.65 -0.22 -2.46	26.07 -0.22 -1.95	27.06 -0.36 -1.46	27.77 -0.41 -1.03	28.37 -0.33 -1.27	27.04 -0.38 -2.15	26.64 -0.18 -4.08	27.63 0.00 -5.08	32.82 0.08 -4.89	35.55 0.06 -5.61	37.40 0.09 -6.54	38.19 0.18 -7.36	40.16 -0.14 -5.63	34.37 -0.26 -5.50	34.18 -0.35 -2.36	27.77 0.05 -3.50
BROWNFLS_115KV_TB_3_5 80003	30.04 -0.83 0.00	26.89 -0.77 0.00	25.29 -0.73 0.00	23.72 -0.71 0.00	23.71 -0.73 0.00	22.65 -0.77 -0.06	24.15 -1.03 -0.07	23.70 -0.96 -0.04	21.70 -0.90 -0.19	23.59 -0.90 -0.15	25.13 -0.96 -0.13	26.21 -1.03 -0.09	26.39 -1.15 -0.12	24.33 -1.14 -0.20	22.07 -1.05 -0.37	21.90 -1.08 -0.43	26.93 -1.25 -0.34	28.97 -1.28 -0.38	30.01 -1.23 -0.47	30.07 -1.13 -0.56	33.82 -1.28 -0.43	28.56 -0.99 -0.42	31.19 -1.16 -0.18	23.52 -0.97 -0.27
BROWNSV1_27_KV_LOAD 356125	33.78 2.90 -0.01	30.37 2.68 -0.01	28.64 2.45 -0.18	26.71 2.27 -0.01	26.78 2.32 -0.01	27.69 2.03 -2.30	30.17 2.26 -2.81	31.00 2.51 -3.86	32.91 2.26 -8.23	35.44 2.46 -8.65	38.25 2.62 -9.67	43.46 2.71 -13.60	47.43 2.80 -17.21	47.41 2.60 -19.54	48.68 2.43 -23.51	56.79 2.50 -31.74	55.03 3.09 -24.10	76.44 3.29 -43.28	60.72 3.38 -26.57	55.46 3.37 -21.44	54.48 3.57 -16.23	47.97 2.94 -15.89	42.22 3.22 -6.84	36.85 2.52 -10.11
BURROWS___LYONSDAL 23803	31.21 0.34 0.00	27.92 0.25 0.00	26.23 0.21 -0.01	24.62 0.20 0.00	24.69 0.24 0.00	23.55 0.12 -0.08	25.10 -0.10 -0.10	24.55 -0.12 -0.05	22.54 -0.11 -0.24	24.48 -0.05 -0.19	26.07 -0.05 -0.17	27.18 -0.08 -0.12	27.36 -0.22 -0.15	25.24 -0.28 -0.25	23.03 -0.18 -0.47	22.94 -0.16 -0.55	28.14 -0.14 -0.44	30.31 -0.06 -0.49	31.40 0.03 -0.60	31.48 0.12 -0.72	35.30 0.07 -0.55	29.76 0.09 -0.54	32.37 -0.03 -0.23	24.62 0.05 -0.34
CAITHNESS_CC_1 323624	34.81 3.92 -0.02	31.34 3.65 -0.02	29.56 3.36 -0.18	27.56 3.13 -0.01	27.56 3.11 -0.01	28.50 2.83 -2.32	31.04 3.11 -2.83	33.27 3.37 -5.27	35.06 2.98 -9.66	34.69 3.12 -7.24	41.44 3.27 -12.21	41.66 3.34 -11.18	41.61 3.35 -10.83	42.01 3.08 -13.66	42.31 2.93 -16.63	47.18 3.00 -21.63	53.69 3.68 -22.17	62.79 3.88 -29.03	61.51 4.06 -26.68	56.33 4.08 -21.61	55.34 4.37 -16.29	63.40 3.49 -30.77	45.48 4.02 -9.29	40.80 3.27 -13.30
CALPINE BETH_PAGE_GT4 24209	34.21 3.33 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.05 2.38 -2.31	30.56 2.64 -2.82	29.34 2.88 -1.84	34.51 2.58 -9.52	34.36 2.80 -7.22	41.13 2.96 -12.21	41.36 3.04 -11.18	41.36 3.10 -10.83	41.84 2.91 -13.66	42.08 2.71 -16.63	46.80 2.68 -21.56	53.31 3.34 -22.13	62.38 3.53 -28.98	61.01 3.66 -26.58	55.78 3.68 -21.46	54.80 3.88 -16.24	48.48 3.26 -16.08	42.67 3.64 -6.86	40.36 2.86 -13.28
CALPINE_BETH_PAGE_GT_4 323586	34.21 3.33 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.06 2.38 -2.32	30.57 2.64 -2.83	29.35 2.88 -1.85	34.50 2.55 -9.53	34.35 2.77 -7.24	41.13 2.96 -12.21	41.36 3.04 -11.18	41.36 3.10 -10.83	41.83 2.90 -13.66	42.06 2.68 -16.63	46.75 2.64 -21.56	53.26 3.26 -22.16	62.33 3.43 -29.01	60.96 3.57 -26.63	55.74 3.58 -21.51	54.77 3.81 -16.28	48.43 3.18 -16.12	42.68 3.63 -6.88	40.38 2.86 -13.30
CALPINE_BP_GT1 23823	34.21 3.33 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.06 2.38 -2.32	30.57 2.64 -2.83	29.35 2.88 -1.85	34.50 2.55 -9.53	34.35 2.77 -7.24	41.13 2.96 -12.21	41.36 3.04 -11.18	41.36 3.10 -10.83	41.83 2.90 -13.66	42.06 2.68 -16.63	46.75 2.64 -21.56	53.26 3.26 -22.16	62.33 3.43 -29.01	60.96 3.57 -26.63	55.74 3.58 -21.51	54.77 3.81 -16.28	48.43 3.18 -16.12	42.68 3.63 -6.88	40.38 2.86 -13.30
CALSPAN___DRP 24200	29.57 -1.30 0.00	25.98 -1.69 0.00	24.04 -2.00 -0.03	22.81 -1.61 0.00	22.96 -1.49 0.00	22.14 -1.61 -0.39	23.98 -1.61 -0.48	22.90 -1.99 -0.27	21.61 -2.02 -1.22	23.19 -2.12 -0.97	24.20 -2.54 -0.78	24.01 -2.85 0.28	24.29 -2.63 0.51	22.01 -2.65 0.60	19.59 -1.98 1.18	19.37 -1.53 1.65	21.70 -1.95 4.20	22.97 -2.36 4.55	23.01 -2.28 5.48	24.89 -2.18 3.58	29.84 -3.02 1.82	26.73 -2.80 -0.39	30.03 -3.31 -1.17	24.35 -1.60 -1.73

CALVERTON___SOLAR 323806	34.96 4.07 -0.02	31.48 3.79 -0.02	29.69 3.49 -0.18	27.66 3.22 -0.01	27.66 3.20 -0.01	28.62 2.94 -2.32	31.14 3.21 -2.83	33.44 3.49 -5.32	35.17 3.09 -9.66	34.77 3.19 -7.24	41.49 3.32 -12.21	41.72 3.39 -11.18	41.66 3.40 -10.83	42.06 3.13 -13.66	42.35 2.98 -16.63	47.27 3.09 -21.63	53.80 3.79 -22.17	62.91 4.01 -29.03	61.67 4.22 -26.68	56.49 4.23 -21.61	55.47 4.51 -16.29	63.75 3.64 -30.98	45.68 4.18 -9.32	40.89 3.37 -13.30
CANDIGU_WT_PWR 323617	30.47 -0.40 0.00	26.92 -0.75 0.00	25.01 -1.04 -0.04	23.59 -0.83 0.00	23.66 -0.78 0.00	22.94 -0.98 -0.56	24.78 -1.00 -0.68	23.80 -1.21 -0.39	22.81 -1.32 -1.72	24.35 -1.36 -1.37	25.19 -1.79 -1.02	21.25 -2.01 3.89	19.83 -1.89 5.71	15.11 -1.92 8.23	5.41 -1.52 15.81	1.58 -1.22 19.75	-6.00 -1.39 32.45	-6.83 -1.43 35.28	-13.66 -1.38 43.05	-6.00 -1.23 35.42	11.00 -2.05 21.63	18.10 -1.92 9.11	31.64 -2.19 -1.65	25.61 -1.07 -2.45
CARR STREET_E_SYR 24060	30.84 -0.03 0.00	27.53 -0.14 0.00	25.83 -0.21 -0.02	24.28 -0.15 0.00	24.35 -0.10 0.00	23.31 -0.30 -0.26	25.07 -0.35 -0.32	24.24 -0.57 -0.18	22.65 -0.56 -0.80	24.41 -0.56 -0.63	25.73 -0.70 -0.47	26.72 -0.76 -0.33	27.04 -0.80 -0.41	25.25 -0.71 -0.69	23.54 -0.52 -1.32	23.66 -0.43 -1.53	28.71 -0.59 -1.45	30.84 -0.66 -1.61	32.11 -0.65 -1.99	32.50 -0.52 -2.38	35.94 -0.56 -1.82	30.39 -0.52 -1.78	32.26 -0.68 -0.76	25.16 -0.19 -1.13
CARTHAGE___PAPER 23857	30.81 -0.06 0.00	27.53 -0.14 0.00	25.87 -0.16 -0.01	24.28 -0.15 0.00	24.35 -0.10 0.00	23.25 -0.23 -0.13	24.73 -0.53 -0.16	24.15 -0.57 -0.09	22.26 -0.56 -0.40	24.12 -0.54 -0.32	25.57 -0.62 -0.24	26.61 -0.71 -0.17	26.79 -0.85 -0.21	24.73 -0.89 -0.35	22.68 -0.73 -0.66	22.63 -0.70 -0.77	27.83 -0.75 -0.73	30.04 -0.66 -0.82	31.31 -0.46 -1.01	31.57 -0.28 -1.20	35.25 -0.35 -0.92	29.80 -0.23 -0.90	32.14 -0.42 -0.39	24.51 -0.29 -0.57
CASSADAGA_WT_PWR 323784	29.73 -1.14 0.00	26.09 -1.58 0.00	23.99 -2.06 -0.03	22.72 -1.71 0.00	22.78 -1.66 0.00	21.82 -1.99 -0.45	23.59 -2.06 -0.55	22.57 -2.36 -0.31	21.60 -2.20 -1.38	23.10 -2.34 -1.10	24.06 -2.73 -0.82	24.03 -3.10 0.02	24.35 -2.93 0.15	22.05 -3.16 0.06	20.10 -2.50 0.14	20.13 -2.05 0.36	23.37 -2.34 2.13	24.82 -2.78 2.28	25.40 -2.65 2.72	27.11 -2.45 1.08	30.55 -3.95 0.17	26.99 -3.56 -1.41	29.48 -4.02 -1.33	24.04 -2.16 -1.97
CE_DUNWOOD___DRP 24194	33.19 2.32 0.00	29.91 2.24 0.00	28.21 2.03 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.32 1.66 -2.30	29.77 1.86 -2.81	28.42 2.12 -1.68	31.42 1.88 -7.12	32.12 2.04 -5.73	32.56 2.18 -4.42	32.74 2.25 -3.34	33.88 2.30 -4.15	34.12 2.17 -6.68	36.98 2.05 -12.19	46.10 2.10 -21.45	52.48 2.59 -22.05	61.45 2.75 -28.82	60.10 2.83 -26.50	54.86 2.82 -21.40	53.86 2.98 -16.20	47.40 2.42 -15.84	41.65 2.67 -6.81	36.40 2.11 -10.07
CE_MILLWOOD___DRP 24193	33.12 2.25 0.00	29.83 2.16 0.00	28.16 1.98 -0.16	26.26 1.83 0.00	26.28 1.83 0.00	27.26 1.61 -2.29	29.71 1.81 -2.80	28.32 2.04 -1.66	31.34 1.84 -7.09	32.02 2.00 -5.69	32.45 2.13 -4.36	32.57 2.17 -3.25	33.72 2.25 -4.04	33.93 2.10 -6.56	36.79 1.98 -12.07	45.88 2.05 -21.27	52.27 2.51 -21.92	61.11 2.66 -28.57	59.88 2.74 -26.38	54.69 2.73 -21.32	53.69 2.88 -16.14	47.28 2.36 -15.78	41.53 2.57 -6.78	36.29 2.04 -10.03
CE_NYC2_DRP 24202	33.54 2.65 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.62 2.17 -0.02	26.64 2.18 -0.02	27.58 1.92 -2.30	30.05 2.13 -2.81	31.32 2.34 -4.36	33.01 2.11 -8.48	35.93 2.29 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.18 2.58 -20.18	50.13 2.40 -22.46	51.07 2.25 -26.07	58.94 2.32 -34.06	55.24 2.84 -24.55	79.45 3.02 -46.55	60.44 3.11 -26.57	55.18 3.10 -21.44	54.20 3.29 -16.23	47.74 2.71 -15.89	41.97 2.96 -6.84	36.69 2.35 -10.11
CE_NYC_DRP 24195	33.54 2.65 -0.01	30.23 2.55 -0.01	28.51 2.32 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.30	30.05 2.13 -2.81	30.74 2.39 -3.73	32.71 2.13 -8.17	35.13 2.31 -8.47	37.90 2.47 -9.48	42.68 2.55 -12.99	46.47 2.61 -16.43	46.47 2.43 -18.78	47.85 2.27 -22.84	56.02 2.35 -31.13	54.72 2.90 -23.98	75.35 3.05 -42.42	60.50 3.17 -26.57	55.24 3.16 -21.44	54.24 3.33 -16.23	47.76 2.74 -15.89	42.00 2.99 -6.83	36.70 2.37 -10.10
CHAFFEE___LFGE 323603	29.63 -1.24 0.00	26.06 -1.61 0.00	24.12 -1.93 -0.03	22.86 -1.56 0.00	23.01 -1.44 0.00	22.19 -1.61 -0.44	24.03 -1.61 -0.54	22.93 -1.99 -0.31	21.75 -2.02 -1.36	23.30 -2.12 -1.08	24.25 -2.52 -0.81	24.21 -2.82 0.11	24.64 -2.52 0.27	22.42 -2.60 0.25	20.29 -1.96 0.50	20.28 -1.47 0.81	23.32 -1.75 2.77	24.71 -2.18 2.99	25.10 -2.09 3.58	26.88 -1.93 1.84	30.76 -3.26 0.66	27.23 -3.03 -1.13	30.19 -3.28 -1.30	24.58 -1.57 -1.93
CHATEAUG_35_KV_LOAD 355732	30.41 -0.46 0.00	27.28 -0.39 0.00	25.68 -0.34 0.00	24.06 -0.37 0.00	24.01 -0.44 0.00	22.96 -0.40 0.00	24.68 -0.43 0.00	24.33 -0.30 0.00	22.19 -0.22 0.00	24.12 -0.22 0.00	25.72 -0.23 0.00	26.87 -0.27 0.00	27.13 -0.30 0.00	24.91 -0.35 0.00	22.29 -0.45 0.00	21.97 -0.59 0.00	27.09 -0.75 0.00	29.01 -0.87 0.00	29.81 -0.95 0.00	29.66 -0.98 0.00	33.57 -1.11 0.00	28.20 -0.93 0.00	31.17 -1.00 0.00	23.18 -1.04 0.00
CHATEAUG_WT_PWR 323614	30.44 -0.43 0.00	27.28 -0.39 0.00	25.71 -0.31 0.00	24.08 -0.34 0.00	24.03 -0.42 0.00	22.98 -0.37 0.00	24.70 -0.40 0.00	24.33 -0.29 0.00	22.19 -0.22 0.00	24.12 -0.22 0.00	25.75 -0.21 0.00	26.90 -0.24 0.00	27.15 -0.27 0.00	24.94 -0.33 0.00	22.31 -0.43 0.00	21.99 -0.56 0.00	27.12 -0.72 0.00	29.04 -0.84 0.00	29.87 -0.89 0.00	29.73 -0.92 0.00	33.67 -1.01 0.00	28.29 -0.85 0.00	31.21 -0.96 0.00	23.23 -0.99 0.00
CHAT_HIGH_FALL_HYD 323578	30.41 -0.46 0.00	27.28 -0.39 0.00	25.68 -0.34 0.00	24.06 -0.37 0.00	24.01 -0.44 0.00	22.96 -0.40 0.00	24.68 -0.43 0.00	24.33 -0.30 0.00	22.19 -0.22 0.00	24.12 -0.22 0.00	25.72 -0.23 0.00	26.87 -0.27 0.00	27.13 -0.30 0.00	24.91 -0.35 0.00	22.29 -0.45 0.00	21.97 -0.59 0.00	27.09 -0.75 0.00	29.01 -0.87 0.00	29.81 -0.95 0.00	29.66 -0.98 0.00	33.57 -1.11 0.00	28.20 -0.93 0.00	31.17 -1.00 0.00	23.18 -1.04 0.00
CHAUTAUQUA___LFGE 323629	29.79 -1.08 0.00	26.15 -1.52 0.00	24.17 -1.87 -0.03	22.89 -1.54 0.00	23.01 -1.44 0.00	22.19 -1.61 -0.44	24.06 -1.58 -0.54	22.98 -1.95 -0.31	21.87 -1.91 -1.36	23.42 -2.00 -1.08	24.35 -2.41 -0.81	24.23 -2.74 0.17	24.49 -2.58 0.36	22.24 -2.65 0.37	19.98 -2.02 0.74	19.86 -1.58 1.11	22.67 -1.92 3.25	24.04 -2.33 3.51	24.31 -2.24 4.21	26.23 -2.05 2.37	30.42 -3.26 0.99	27.09 -3.00 -0.96	30.16 -3.31 -1.30	24.53 -1.62 -1.93
CHERRYST_13_KV_LD 356241	33.63 2.75 -0.01	30.28 2.60 -0.01	28.56 2.37 -0.18	26.66 2.22 -0.01	26.69 2.22 -0.01	27.62 1.96 -2.30	30.12 2.21 -2.81	30.83 2.46 -3.75	32.79 2.20 -8.18	35.22 2.39 -8.49	37.89 2.54 -9.39	42.83 2.63 -13.05	46.63 2.69 -16.51	46.65 2.53 -18.86	48.01 2.37 -22.90	56.15 2.41 -31.19	54.81 2.98 -23.99	75.55 3.17 -42.51	60.59 3.26 -26.57	55.34 3.25 -21.44	54.34 3.43 -16.23	47.85 2.83 -15.89	42.09 3.09 -6.83	36.78 2.45 -10.10

CHESTROR_138KV_BK263 355645	32.75 1.88 0.00	29.47 1.80 0.00	27.84 1.67 -0.15	25.96 1.54 0.00	25.99 1.54 0.00	26.85 1.35 -2.14	29.19 1.48 -2.61	27.78 1.67 -1.49	30.50 1.50 -6.58	31.20 1.63 -5.23	31.60 1.71 -3.93	31.67 1.76 -2.76	32.63 1.78 -3.42	32.74 1.69 -5.78	35.29 1.59 -10.96	43.41 1.65 -19.21	49.82 2.03 -19.95	57.59 2.15 -25.56	57.21 2.28 -24.17	52.79 2.27 -19.88	52.13 2.39 -15.06	45.81 1.95 -14.73	40.65 2.16 -6.33	35.28 1.70 -9.36
CH_MIDHUDSON___DRP 24192	32.97 2.10 0.00	29.69 2.02 0.00	28.03 1.85 -0.17	26.16 1.73 0.00	26.18 1.74 0.00	27.21 1.52 -2.34	29.61 1.66 -2.85	28.10 1.85 -1.63	31.28 1.66 -7.21	31.86 1.80 -5.72	32.15 1.89 -4.30	32.12 1.95 -3.02	33.14 1.97 -3.74	33.43 1.84 -6.32	36.46 1.73 -11.99	45.53 1.80 -21.17	52.06 2.20 -22.02	60.52 2.36 -28.28	59.87 2.46 -26.64	54.86 2.45 -21.76	53.79 2.64 -16.48	47.38 2.13 -16.11	41.44 2.35 -6.92	36.31 1.84 -10.24
CH_MISC_IPPS 23765	33.09 2.22 0.00	29.83 2.16 0.00	28.13 1.95 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.27 1.61 -2.30	29.64 1.73 -2.81	28.17 1.94 -1.60	31.25 1.75 -7.09	31.87 1.90 -5.63	32.18 2.00 -4.22	32.17 2.06 -2.96	33.16 2.06 -3.67	33.39 1.92 -6.21	36.30 1.80 -11.77	45.21 1.89 -20.76	51.77 2.31 -21.62	60.10 2.48 -27.74	59.54 2.61 -26.16	54.69 2.64 -21.40	53.73 2.84 -16.21	47.26 2.27 -15.85	41.49 2.51 -6.81	36.29 1.99 -10.08
CH_RES_BVR_FALLS 23983	30.62 -0.25 0.00	27.45 -0.22 0.00	25.81 -0.21 0.00	24.21 -0.22 0.00	24.23 -0.22 0.00	23.05 -0.30 0.00	24.78 -0.33 0.00	24.30 -0.32 0.00	22.12 -0.29 0.00	24.00 -0.34 0.00	25.62 -0.34 0.00	26.79 -0.35 0.00	27.07 -0.36 0.00	24.94 -0.33 0.00	22.40 -0.34 0.00	22.19 -0.36 0.00	27.37 -0.47 0.00	29.34 -0.54 0.00	30.22 -0.55 0.00	30.06 -0.58 0.00	34.02 -0.66 0.00	28.61 -0.52 0.00	31.59 -0.58 0.00	23.74 -0.48 0.00
CH_RES_NIAGARA 23895	28.71 -2.16 0.00	25.18 -2.49 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.94 -1.78 -0.36	23.71 -1.83 -0.44	22.56 -2.31 -0.25	21.22 -2.31 -1.12	22.77 -2.46 -0.89	23.77 -2.91 -0.72	23.97 -3.04 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.15 -2.73 2.96	23.45 -3.23 3.20	23.69 -3.23 3.85	25.25 -3.13 2.27	30.44 -3.22 1.01	26.82 -3.00 -0.69	29.51 -3.73 -1.07	23.97 -1.84 -1.59
CH_RES_SYRACUSE 23985	30.87 0.00 0.00	27.59 -0.08 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.38 -0.07 0.00	23.32 -0.30 -0.26	25.07 -0.35 -0.32	24.21 -0.59 -0.18	22.65 -0.58 -0.81	24.40 -0.58 -0.65	25.71 -0.73 -0.48	26.70 -0.79 -0.34	27.00 -0.85 -0.42	25.24 -0.73 -0.71	23.54 -0.55 -1.35	23.67 -0.45 -1.57	28.69 -0.64 -1.49	30.81 -0.72 -1.65	32.10 -0.71 -2.04	32.53 -0.55 -2.43	35.98 -0.56 -1.86	30.43 -0.52 -1.82	32.28 -0.68 -0.78	25.17 -0.22 -1.16
CLINTON_WT_PWR 323605	30.44 -0.43 0.00	27.28 -0.39 0.00	25.71 -0.31 0.00	24.08 -0.34 0.00	24.03 -0.42 0.00	22.98 -0.37 0.00	24.70 -0.40 0.00	24.33 -0.29 0.00	22.19 -0.22 0.00	24.12 -0.22 0.00	25.75 -0.21 0.00	26.90 -0.24 0.00	27.15 -0.27 0.00	24.94 -0.33 0.00	22.31 -0.43 0.00	21.99 -0.56 0.00	27.12 -0.72 0.00	29.04 -0.84 0.00	29.87 -0.89 0.00	29.73 -0.92 0.00	33.67 -1.01 0.00	28.29 -0.85 0.00	31.21 -0.96 0.00	23.23 -0.99 0.00
CLINTON___LFGE 323618	30.90 0.03 0.00	27.70 0.03 0.00	26.07 0.05 0.00	24.43 0.00 0.00	24.35 -0.10 0.00	23.29 -0.07 0.00	25.05 -0.05 0.00	24.67 0.05 0.00	22.50 0.09 0.00	24.51 0.17 0.00	26.11 0.16 0.00	27.25 0.11 0.00	27.54 0.11 0.00	25.27 0.00 0.00	22.61 -0.14 0.00	22.28 -0.27 0.00	27.45 -0.39 0.00	29.34 -0.54 0.00	30.18 -0.59 0.00	30.09 -0.55 0.00	34.09 -0.59 0.00	28.61 -0.52 0.00	31.59 -0.58 0.00	23.48 -0.75 0.00
COBBLENY_34_KV_TB1 80064	29.63 -1.23 0.00	26.04 -1.63 0.00	24.07 -1.98 -0.03	22.86 -1.56 0.00	23.01 -1.44 0.00	22.15 -1.61 -0.41	24.00 -1.61 -0.50	22.91 -1.99 -0.28	21.68 -1.99 -1.26	23.25 -2.09 -1.00	24.25 -2.52 -0.81	24.21 -2.82 0.11	24.64 -2.52 0.27	22.42 -2.60 0.25	20.29 -1.96 0.50	20.28 -1.47 0.81	23.14 -1.75 2.95	24.54 -2.15 3.19	24.88 -2.06 3.82	26.58 -1.93 2.13	30.84 -2.95 0.89	27.31 -2.74 -0.91	30.10 -3.28 -1.21	24.44 -1.57 -1.79
COFFEEN___115KV_TB3 355620	31.21 0.34 0.00	27.86 0.19 0.00	26.13 0.10 -0.01	24.55 0.12 0.00	24.67 0.22 0.00	23.53 0.05 -0.12	25.00 -0.25 -0.15	24.36 -0.34 -0.09	22.41 -0.38 -0.38	24.30 -0.34 -0.30	25.82 -0.42 -0.27	26.82 -0.52 -0.19	27.04 -0.63 -0.24	24.96 -0.71 -0.40	23.00 -0.50 -0.76	22.99 -0.45 -0.89	28.09 -0.45 -0.69	30.35 -0.30 -0.77	31.69 -0.03 -0.95	32.03 0.25 -1.14	35.72 0.17 0.89	30.19 0.20 -0.91	32.54 0.00 -0.85	24.89 0.12 -0.54
COLDSPRG_115KV_BK1 355956	30.25 -0.62 0.00	26.59 -1.08 0.00	24.38 -1.67 -0.03	23.25 -1.17 0.00	23.35 -1.10 0.00	22.18 -1.61 -0.43	24.02 -1.61 -0.53	23.00 -1.92 -0.30	21.88 -1.86 -1.33	23.48 -1.92 -1.06	24.50 -2.31 -0.85	24.72 -2.63 -0.21	25.53 -2.08 -0.19	23.10 -2.60 -0.44	21.60 -1.96 -0.81	22.06 -1.31 -0.81	26.21 -1.09 0.54	27.93 -1.40 0.55	28.92 -1.23 0.62	30.20 -1.10 -0.66	32.78 -2.81 -0.91	28.41 -2.62 -1.90	30.20 -3.25 -1.28	24.54 -1.57 -1.89
COLONIE_LFGE___ 323577	32.14 1.27 0.00	28.88 1.22 0.00	27.35 1.12 -0.21	25.48 1.05 0.00	25.50 1.05 0.00	27.20 0.86 -2.98	29.67 0.93 -3.63	27.65 0.96 -2.07	32.46 0.87 -9.17	32.60 0.97 -7.28	32.43 1.01 -5.46	32.03 1.06 -3.83	33.24 1.07 -4.75	34.26 0.96 -8.03	38.87 0.91 -15.22	41.19 0.90 -17.73	45.70 1.11 -16.74	49.64 1.16 -18.60	54.89 1.20 -22.92	59.15 1.13 -27.37	56.96 1.32 -20.97	50.72 1.08 -20.51	42.14 1.16 -8.81	38.11 0.85 -13.03
COOPERNY_115KV_TB1 80082	32.29 1.42 0.00	29.02 1.36 0.00	27.39 1.25 -0.12	25.60 1.17 0.00	25.62 1.17 0.00	26.11 1.00 -1.75	28.34 1.10 -2.13	27.09 1.26 -1.22	28.92 1.12 -5.38	29.83 1.22 -4.28	30.45 1.27 -3.22	30.71 1.30 -2.26	31.57 1.34 -2.80	31.24 1.24 -4.73	32.89 1.18 -8.97	38.54 1.24 -14.75	44.50 1.53 -15.12	50.57 1.61 -19.08	51.07 1.69 -18.61	48.59 1.72 -16.22	48.79 1.80 -12.31	42.64 1.46 -12.04	38.92 1.58 -5.17	33.16 1.28 -7.65
COPENHAGEN_WT_PWR 323753	31.02 0.16 0.00	27.70 0.03 0.00	26.00 -0.03 -0.01	24.43 0.00 0.00	24.50 0.05 0.00	23.40 -0.12 -0.15	24.92 -0.38 -0.19	24.24 -0.49 -0.11	22.40 -0.49 -0.48	24.26 -0.46 -0.38	25.69 -0.55 -0.28	26.72 -0.62 -0.20	26.94 -0.74 -0.25	24.90 -0.78 -0.42	22.94 -0.59 -0.79	22.93 -0.54 -0.92	28.13 -0.59 -0.87	30.34 -0.51 -0.97	31.68 -0.28 -1.19	32.01 -0.06 -1.42	35.66 -0.10 -1.09	30.14 -0.06 -1.07	32.41 -0.22 -0.46	24.86 -0.05 -0.68
CORNELL_____ 23752	31.58 0.71 0.00	28.17 0.50 0.00	26.37 0.31 -0.04	24.82 0.39 0.00	24.89 0.44 0.00	24.13 0.23 -0.54	26.01 0.25 -0.66	25.12 0.12 -0.38	24.10 0.02 -1.66	25.68 0.02 -1.32	26.87 -0.13 -1.04	27.98 -0.19 -1.02	28.56 -0.19 -1.32	27.21 -0.20 -2.14	26.77 -0.05 -4.08	27.76 0.14 -5.07	33.63 0.22 -5.57	36.41 0.27 -6.26	38.59 0.40 -7.42	38.73 0.55 -7.53	40.54 0.45 -5.41	33.93 0.26 -4.53	33.86 0.10 -1.59	26.95 0.36 -2.36

CORONA_69_KV_TB1 355595	34.03 3.15 -0.01	30.64 2.96 -0.01	28.90 2.71 -0.17	26.95 2.52 -0.01	26.97 2.52 -0.01	27.94 2.27 -2.31	30.43 2.51 -2.82	29.06 2.73 -1.71	34.20 2.42 -9.36	34.19 2.63 -7.22	40.97 2.80 -12.21	41.20 2.88 -11.18	41.23 2.96 -10.83	41.68 2.75 -13.66	41.97 2.59 -16.63	46.78 2.68 -21.54	53.28 3.31 -22.12	62.35 3.53 -28.95	61.01 3.66 -26.58	55.75 3.65 -21.46	54.80 3.88 -16.24	48.20 3.18 -15.88	42.48 3.47 -6.83	40.22 2.71 -13.28
CORTLAND_115KV_TB3 80093	31.36 0.49 0.00	28.00 0.33 0.00	26.23 0.18 -0.03	24.69 0.27 0.00	24.77 0.32 0.00	23.89 0.09 -0.44	25.74 0.10 -0.54	24.90 -0.02 -0.31	23.68 -0.09 -1.35	25.32 -0.10 -1.08	26.61 -0.21 -0.86	27.50 -0.24 -0.60	27.93 -0.25 -0.75	26.28 -0.25 -1.26	25.04 -0.09 -2.39	25.38 0.05 -2.79	30.40 0.08 -2.47	32.72 0.09 -2.75	34.34 0.18 -3.39	35.00 0.31 -4.05	37.95 0.17 -3.10	32.22 0.06 -3.03	33.41 -0.06 -1.30	26.37 0.22 -1.93
COXSACKIE___GT 23611	32.57 1.70 0.00	29.38 1.72 0.00	27.46 1.25 -0.20	25.97 1.54 0.00	25.99 1.54 0.00	27.10 0.98 -2.76	29.36 0.88 -3.37	27.41 0.86 -1.93	31.71 0.78 -8.52	31.91 0.80 -6.76	31.73 0.70 -5.07	31.41 0.70 -3.56	32.41 0.58 -4.41	33.26 0.53 -7.46	37.31 0.43 -14.14	41.05 0.79 -17.71	45.94 1.03 -17.07	50.75 1.25 -19.62	55.05 1.51 -22.77	57.18 1.07 -25.46	55.50 1.35 -19.47	49.20 1.02 -19.05	41.48 1.13 -8.18	37.13 0.80 -12.11
CPV_VALLEY___CC1 323721	32.57 1.70 0.00	29.30 1.63 0.00	27.64 1.48 -0.14	25.82 1.39 0.00	25.84 1.39 0.00	26.57 1.21 -2.00	28.90 1.35 -2.44	27.54 1.53 -1.39	29.95 1.37 -6.17	30.70 1.46 -4.90	31.19 1.56 -3.67	31.32 1.60 -2.58	32.27 1.65 -3.19	32.21 1.54 -5.40	34.44 1.46 -10.24	41.68 1.51 -17.61	47.97 1.87 -18.26	55.14 1.97 -23.29	55.05 2.06 -22.22	51.31 2.05 -18.61	50.93 2.15 -14.10	44.65 1.72 -13.79	40.03 1.93 -5.92	34.54 1.55 -8.77
CPV_VALLEY___CC2 323722	32.57 1.70 0.00	29.30 1.63 0.00	27.64 1.48 -0.14	25.82 1.39 0.00	25.84 1.39 0.00	26.57 1.21 -2.00	28.90 1.35 -2.44	27.54 1.53 -1.39	29.95 1.37 -6.17	30.70 1.46 -4.90	31.19 1.56 -3.67	31.32 1.60 -2.58	32.27 1.65 -3.19	32.21 1.54 -5.40	34.44 1.46 -10.24	41.68 1.51 -17.61	47.97 1.87 -18.26	55.14 1.97 -23.29	55.05 2.06 -22.22	51.31 2.05 -18.61	50.93 2.15 -14.10	44.65 1.72 -13.79	40.03 1.93 -5.92	34.54 1.55 -8.77
CRESCENT___HYD 24018	32.14 1.27 0.00	28.88 1.22 0.00	27.35 1.12 -0.21	25.48 1.05 0.00	25.50 1.05 0.00	27.20 0.86 -2.98	29.67 0.93 -3.63	27.65 0.96 -2.07	32.46 0.87 -9.17	32.60 0.97 -7.28	32.43 1.01 -5.46	32.03 1.06 -3.83	33.24 1.07 -4.75	34.26 0.96 -8.03	38.87 0.91 -15.22	41.19 0.90 -17.73	45.70 1.11 -16.74	49.64 1.16 -18.60	54.89 1.20 -22.92	59.15 1.13 -27.37	56.96 1.32 -20.97	50.72 1.08 -20.51	42.14 1.16 -8.81	38.11 0.85 -13.03
CRICKET___VALLEY_CC1 323756	32.69 1.82 0.00	29.52 1.85 0.00	27.88 1.69 -0.17	26.01 1.59 0.00	26.04 1.59 0.00	27.15 1.38 -2.42	29.56 1.51 -2.95	28.00 1.70 -1.68	31.34 1.48 -7.45	31.86 1.61 -5.91	32.11 1.71 -4.44	32.02 1.76 -3.11	33.09 1.81 -3.86	33.48 1.69 -6.52	36.70 1.59 -12.36	46.60 1.65 -22.40	53.31 2.03 -23.43	62.26 2.12 -30.26	61.17 2.22 -28.19	55.37 2.21 -22.51	54.03 2.32 -17.03	47.66 1.87 -16.66	41.42 2.09 -7.16	36.46 1.65 -10.59
CRICKET___VALLEY_CC2 323757	32.69 1.82 0.00	29.52 1.85 0.00	27.88 1.69 -0.17	26.01 1.59 0.00	26.04 1.59 0.00	27.15 1.38 -2.42	29.56 1.51 -2.95	28.00 1.70 -1.68	31.34 1.48 -7.45	31.86 1.61 -5.91	32.11 1.71 -4.44	32.02 1.76 -3.11	33.09 1.81 -3.86	33.48 1.69 -6.52	36.70 1.59 -12.36	46.60 1.65 -22.40	53.31 2.03 -23.43	62.26 2.12 -30.26	61.17 2.22 -28.19	55.37 2.21 -22.51	54.03 2.32 -17.03	47.66 1.87 -16.66	41.42 2.09 -7.16	36.46 1.65 -10.59
CRICKET___VALLEY_CC3 323758	32.69 1.82 0.00	29.52 1.85 0.00	27.88 1.69 -0.17	26.01 1.59 0.00	26.04 1.59 0.00	27.15 1.38 -2.42	29.56 1.51 -2.95	28.00 1.70 -1.68	31.34 1.48 -7.45	31.86 1.61 -5.91	32.11 1.71 -4.44	32.02 1.76 -3.11	33.09 1.81 -3.86	33.48 1.69 -6.52	36.70 1.59 -12.36	46.60 1.65 -22.40	53.31 2.03 -23.43	62.26 2.12 -30.26	61.17 2.22 -28.19	55.37 2.21 -22.51	54.03 2.32 -17.03	47.66 1.87 -16.66	41.42 2.09 -7.16	36.46 1.65 -10.59
CRUCIBLE_METL_DRP 24180	30.87 0.00 0.00	27.58 -0.08 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.28 -0.30 -0.22	25.03 -0.35 -0.27	24.19 -0.59 -0.16	22.52 -0.58 -0.69	24.31 -0.58 -0.55	25.71 -0.73 -0.48	26.67 -0.81 -0.34	27.00 -0.85 -0.42	25.24 -0.73 -0.71	23.54 -0.55 -1.35	23.67 -0.45 -1.57	28.46 -0.64 -1.26	30.56 -0.72 -1.40	31.82 -0.68 -1.73	32.16 -0.55 -2.06	35.70 -0.55 -1.58	30.16 -0.52 -1.55	32.16 -0.68 -0.66	24.99 -0.22 -0.98
DAHOWA___HYDRO 323763	32.54 1.67 0.00	29.19 1.52 0.00	27.64 1.40 -0.21	25.69 1.27 0.00	25.74 1.29 0.00	27.47 1.10 -3.01	29.96 1.18 -3.68	27.98 1.25 -2.10	32.86 1.16 -9.28	33.00 1.29 -7.37	32.84 1.35 -5.53	32.41 1.38 -3.88	33.66 1.43 -4.81	34.66 1.26 -8.13	39.31 1.16 -15.41	41.33 1.13 -17.65	45.86 1.45 -16.57	49.71 1.58 -18.25	55.31 1.69 -22.85	60.03 1.68 -27.70	57.85 1.94 -21.23	51.38 1.49 -20.76	42.70 1.61 -8.92	38.54 1.12 -13.20
DANC___LFGE 323619	30.84 -0.03 0.00	27.56 -0.11 0.00	25.85 -0.18 -0.01	24.30 -0.12 0.00	24.35 -0.10 0.00	23.24 -0.30 -0.18	24.82 -0.50 -0.22	24.08 -0.66 -0.13	22.33 -0.65 -0.56	24.18 -0.61 -0.45	25.56 -0.73 -0.33	26.59 -0.79 -0.23	26.84 -0.88 -0.29	24.90 -0.86 -0.49	23.01 -0.66 -0.93	23.03 -0.61 -1.08	28.12 -0.75 -1.03	30.28 -0.75 -1.14	31.56 -0.62 -1.41	31.93 -0.40 -1.68	35.51 -0.45 -1.29	30.02 -0.38 -1.26	32.20 -0.52 -0.54	24.83 -0.19 -0.80
DANSKAMMER___1 23586	33.09 2.22 0.00	29.83 2.16 0.00	28.13 1.95 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.27 1.61 -2.30	29.64 1.73 -2.81	28.17 1.94 -1.60	31.25 1.75 -7.09	31.87 1.90 -5.63	32.18 2.00 -4.22	32.17 2.06 -2.96	33.16 2.06 -3.67	33.39 1.92 -6.21	36.30 1.80 -11.77	45.21 1.89 -20.76	51.77 2.31 -21.62	60.10 2.48 -27.74	59.54 2.61 -26.16	54.69 2.64 -21.40	53.73 2.84 -16.21	47.26 2.27 -15.85	41.49 2.51 -6.81	36.29 1.99 -10.08
DANSKAMMER___2 23589	33.09 2.22 0.00	29.83 2.16 0.00	28.13 1.95 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.27 1.61 -2.30	29.64 1.73 -2.81	28.17 1.94 -1.60	31.25 1.75 -7.09	31.87 1.90 -5.63	32.18 2.00 -4.22	32.17 2.06 -2.96	33.16 2.06 -3.67	33.39 1.92 -6.21	36.30 1.80 -11.77	45.21 1.89 -20.76	51.77 2.31 -21.62	60.10 2.48 -27.74	59.54 2.61 -26.16	54.69 2.64 -21.40	53.73 2.84 -16.21	47.26 2.27 -15.85	41.49 2.51 -6.81	36.29 1.99 -10.08
DANSKAMMER___3 23590	33.09 2.22 0.00	29.83 2.16 0.00	28.13 1.95 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.27 1.61 -2.30	29.64 1.73 -2.81	28.17 1.94 -1.60	31.25 1.75 -7.09	31.87 1.90 -5.63	32.18 2.00 -4.22	32.17 2.06 -2.96	33.16 2.06 -3.67	33.39 1.92 -6.21	36.30 1.80 -11.77	45.21 1.89 -20.76	51.77 2.31 -21.62	60.10 2.48 -27.74	59.54 2.61 -26.16	54.69 2.64 -21.40	53.73 2.84 -16.21	47.26 2.27 -15.85	41.49 2.51 -6.81	36.29 1.99 -10.08

DANSKAMMER___4 23591	33.09 2.22 0.00	29.83 2.16 0.00	28.13 1.95 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.27 1.61 -2.30	29.64 1.73 -2.81	28.17 1.94 -1.60	31.25 1.75 -7.09	31.87 1.90 -5.63	32.18 2.00 -4.22	32.17 2.06 -2.96	33.16 2.06 -3.67	33.39 1.92 -6.21	36.30 1.80 -11.77	45.21 1.89 -20.76	51.77 2.31 -21.62	60.10 2.48 -27.74	59.54 2.61 -26.16	54.69 2.64 -21.40	53.73 2.84 -16.21	47.26 2.27 -15.85	41.49 2.51 -6.81	36.29 1.99 -10.08
DANSKAMMER___DIESEL 23592	33.09 2.22 0.00	29.83 2.16 0.00	28.13 1.95 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.26 1.61 -2.30	29.64 1.73 -2.80	28.17 1.95 -1.60	31.23 1.75 -7.07	31.85 1.90 -5.62	32.18 2.00 -4.22	32.17 2.06 -2.96	33.16 2.06 -3.67	33.39 1.92 -6.21	36.30 1.80 -11.77	45.21 1.89 -20.76	51.77 2.34 -21.59	60.07 2.48 -27.71	59.50 2.62 -26.12	54.63 2.64 -21.35	53.69 2.84 -16.17	47.25 2.30 -15.81	41.47 2.51 -6.79	36.26 1.99 -10.05
DARBY___SOLAR 323810	32.47 1.60 0.00	29.13 1.47 0.00	27.58 1.35 -0.21	25.65 1.22 0.00	25.69 1.25 0.00	27.42 1.05 -3.01	29.91 1.13 -3.67	27.90 1.18 -2.10	32.78 1.10 -9.27	32.92 1.22 -7.36	32.75 1.27 -5.52	32.32 1.30 -3.87	33.57 1.34 -4.80	34.57 1.19 -8.12	39.22 1.09 -15.39	41.24 1.06 -17.63	45.77 1.36 -16.56	49.62 1.49 -18.24	55.19 1.60 -22.82	59.89 1.59 -27.66	57.71 1.84 -21.20	51.29 1.43 -20.73	42.59 1.51 -8.90	38.47 1.06 -13.18
DASHVILLE___HYD 23610	33.15 2.28 0.00	29.85 2.19 0.00	27.85 1.67 -0.17	26.31 1.88 0.00	26.33 1.88 0.00	27.06 1.35 -2.35	29.43 1.46 -2.87	27.96 1.70 -1.64	31.18 1.52 -7.24	31.72 1.63 -5.75	31.99 1.71 -4.32	31.94 1.76 -3.03	32.94 1.76 -3.76	33.29 1.67 -6.36	36.36 1.57 -12.05	44.06 1.94 -19.57	50.26 2.39 -20.02	57.62 2.57 -25.17	58.20 2.71 -24.72	54.76 2.30 -21.81	53.70 2.46 -16.56	47.32 1.98 -16.20	41.32 2.19 -6.96	36.24 1.72 -10.30
DELAWARE___LFGE 323621	32.04 1.17 0.00	28.72 1.05 0.00	27.08 0.99 -0.07	25.38 0.95 0.00	25.43 0.98 0.00	25.16 0.77 -1.03	27.19 0.83 -1.26	26.20 0.86 -0.72	26.34 0.76 -3.17	27.69 0.83 -2.52	28.73 0.86 -1.91	29.38 0.90 -1.34	30.02 0.93 -1.66	28.89 0.81 -2.81	28.89 0.82 -5.33	30.05 0.86 -6.64	35.28 1.11 -6.32	38.30 1.17 -7.25	40.47 1.26 -8.44	41.41 1.29 -9.48	43.24 1.32 -7.25	37.27 1.05 -7.09	36.28 1.06 -3.04	29.68 0.94 -4.50
DERFIELD_115KV_TB7 355931	31.05 0.19 0.00	27.86 0.19 0.00	26.20 0.18 0.00	24.60 0.17 0.00	24.62 0.17 0.00	23.45 0.09 0.00	25.20 0.10 0.00	24.69 0.07 0.00	22.46 0.04 0.00	24.39 0.05 0.00	26.01 0.05 0.00	27.20 0.05 0.00	27.48 0.05 0.00	25.32 0.05 0.00	22.81 0.07 0.00	22.64 0.09 0.00	27.93 0.08 0.00	29.97 0.09 0.00	30.86 0.09 0.00	30.77 0.12 0.00	34.78 0.10 0.00	29.22 0.09 0.00	32.24 0.06 0.00	24.35 0.12 0.00
DOGLEVILLE___HYD 23807	30.90 0.03 0.00	27.70 0.03 0.00	26.04 0.03 0.00	24.45 0.02 0.00	24.45 0.00 0.00	23.26 -0.09 0.00	24.93 -0.18 0.00	24.42 -0.20 0.00	22.21 -0.20 0.00	24.12 -0.22 0.00	25.75 -0.21 0.00	26.93 -0.22 0.00	27.21 -0.22 0.00	25.09 -0.18 0.00	22.63 -0.11 0.00	22.42 -0.14 0.00	27.68 -0.17 0.00	29.64 -0.24 0.00	30.52 -0.25 0.00	30.40 -0.25 0.00	34.37 -0.31 0.00	28.84 -0.29 0.00	31.85 -0.32 0.00	24.03 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	29.79 -1.08 0.00	26.15 -1.52 0.00	24.17 -1.87 -0.03	22.91 -1.51 0.00	23.05 -1.39 0.00	22.20 -1.56 -0.41	24.07 -1.53 -0.50	23.01 -1.90 -0.28	21.81 -1.86 -1.26	23.39 -1.95 -1.00	24.40 -2.36 -0.81	24.24 -2.71 0.19	24.53 -2.52 0.38	22.28 -2.58 0.40	19.99 -1.96 0.80	19.83 -1.53 1.18	22.44 -1.87 3.54	23.81 -2.24 3.82	24.04 -2.12 4.60	25.87 -1.99 2.79	30.47 -2.91 1.30	27.12 -2.71 -0.69	30.16 -3.22 -1.21	24.46 -1.55 -1.79
DUNKIRK___1 23563	29.79 -1.08 0.00	26.15 -1.52 0.00	24.17 -1.87 -0.03	22.91 -1.51 0.00	23.05 -1.39 0.00	22.20 -1.56 -0.41	24.07 -1.53 -0.50	23.01 -1.90 -0.28	21.81 -1.86 -1.26	23.39 -1.95 -1.00	24.40 -2.36 -0.81	24.24 -2.71 0.19	24.53 -2.52 0.38	22.28 -2.58 0.40	19.99 -1.96 0.80	19.83 -1.53 1.18	22.44 -1.87 3.54	23.81 -2.24 3.82	24.04 -2.12 4.60	25.87 -1.99 2.79	30.47 -2.91 1.30	27.12 -2.71 -0.69	30.16 -3.22 -1.21	24.46 -1.55 -1.79
DUNKIRK___2 23564	29.79 -1.08 0.00	26.15 -1.52 0.00	24.17 -1.87 -0.03	22.91 -1.51 0.00	23.05 -1.39 0.00	22.20 -1.56 -0.41	24.07 -1.53 -0.50	23.01 -1.90 -0.28	21.81 -1.86 -1.26	23.39 -1.95 -1.00	24.40 -2.36 -0.81	24.24 -2.71 0.19	24.53 -2.52 0.38	22.28 -2.58 0.40	19.99 -1.96 0.80	19.83 -1.53 1.18	22.44 -1.87 3.54	23.81 -2.24 3.82	24.04 -2.12 4.60	25.87 -1.99 2.79	30.47 -2.91 1.30	27.12 -2.71 -0.69	30.16 -3.22 -1.21	24.46 -1.55 -1.79
DUNKIRK___3 23565	29.73 -1.14 0.00	26.12 -1.55 0.00	24.15 -1.90 -0.03	22.91 -1.51 0.00	23.03 -1.42 0.00	22.20 -1.56 -0.41	24.07 -1.53 -0.50	23.01 -1.90 -0.28	21.76 -1.91 -1.25	23.34 -2.00 -0.99	24.35 -2.41 -0.80	24.21 -2.69 0.25	24.47 -2.50 0.47	22.18 -2.55 0.54	19.78 -1.91 1.05	19.59 -1.47 1.50	22.04 -1.78 4.02	23.35 -2.18 4.35	23.46 -2.06 5.24	25.35 -1.96 3.33	30.19 -2.84 1.65	27.00 -2.65 -0.51	30.16 -3.22 -1.20	24.45 -1.55 -1.78
DUNKIRK___4 23566	29.73 -1.14 0.00	26.12 -1.55 0.00	24.15 -1.90 -0.03	22.91 -1.51 0.00	23.03 -1.42 0.00	22.20 -1.56 -0.41	24.07 -1.53 -0.50	23.01 -1.90 -0.28	21.76 -1.91 -1.25	23.34 -2.00 -0.99	24.35 -2.41 -0.80	24.21 -2.69 0.25	24.47 -2.50 0.47	22.18 -2.55 0.54	19.78 -1.91 1.05	19.59 -1.47 1.50	22.04 -1.78 4.02	23.35 -2.18 4.35	23.46 -2.06 5.24	25.35 -1.96 3.33	30.19 -2.84 1.65	27.00 -2.65 -0.51	30.16 -3.22 -1.20	24.45 -1.55 -1.78
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.28 2.41 0.00	29.99 2.32 0.00	28.29 2.11 -0.16	26.38 1.95 0.00	26.40 1.96 0.00	27.39 1.73 -2.30	29.85 1.93 -2.81	28.36 2.19 -1.55	31.45 1.97 -7.07	32.04 2.14 -5.56	32.31 2.26 -4.10	32.18 2.33 -2.70	33.17 2.41 -3.33	33.40 2.25 -5.88	36.36 2.11 -11.51	45.60 2.19 -20.86	52.49 2.67 -21.98	60.71 2.84 -27.99	60.26 2.92 -26.57	55.00 2.91 -21.44	53.99 3.09 -16.23	47.51 2.51 -15.87	41.76 2.77 -6.82	36.50 2.18 -10.09
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.94 2.07 0.00	29.66 1.99 0.00	28.00 1.82 -0.16	26.14 1.71 0.00	26.16 1.71 0.00	27.07 1.49 -2.22	29.45 1.63 -2.71	28.02 1.85 -1.55	30.92 1.66 -6.84	31.58 1.80 -5.44	31.91 1.87 -4.09	31.94 1.93 -2.87	32.93 1.95 -3.55	33.09 1.82 -6.01	35.84 1.71 -11.39	44.31 1.80 -19.95	50.76 2.20 -20.72	58.79 2.36 -26.55	58.37 2.49 -25.11	53.79 2.48 -20.66	52.96 2.64 -15.65	46.60 2.16 -15.31	41.10 2.35 -6.58	35.82 1.87 -9.73
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.42 2.53 -0.02	30.12 2.43 -0.02	28.41 2.21 -0.18	26.49 2.05 -0.02	26.52 2.05 -0.02	27.48 1.82 -2.30	29.95 2.03 -2.81	28.57 2.24 -1.71	31.64 2.02 -7.21	32.28 2.19 -5.75	32.97 2.31 -4.71	33.23 2.39 -3.69	34.41 2.47 -4.51	34.62 2.30 -7.06	37.39 2.16 -12.49	46.34 2.23 -21.56	52.65 2.70 -22.11	61.75 2.90 -28.98	60.32 2.98 -26.57	55.06 2.97 -21.44	54.06 3.16 -16.23	47.61 2.59 -15.88	41.83 2.83 -6.83	36.58 2.25 -10.10

E179THST_13_KV_LOAD 356214	33.54 2.65 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.05 2.13 -2.81	28.67 2.34 -1.71	31.73 2.11 -7.21	32.40 2.31 -5.75	33.10 2.44 -4.71	33.36 2.52 -3.69	34.55 2.61 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.45 2.35 -21.56	52.82 2.87 -22.11	61.90 3.05 -28.98	60.50 3.17 -26.57	55.21 3.13 -21.44	54.27 3.36 -16.23	47.76 2.74 -15.88	41.99 2.99 -6.83	36.70 2.37 -10.10
EAST HAMPTON___GT 23717	35.52 4.63 -0.02	32.03 4.34 -0.02	30.23 4.03 -0.18	28.12 3.69 -0.01	28.10 3.64 -0.01	29.06 3.39 -2.32	31.67 3.74 -2.83	34.00 4.04 -5.34	35.55 3.47 -9.67	35.11 3.53 -7.24	41.65 3.48 -12.21	41.80 3.48 -11.18	41.72 3.46 -10.83	42.11 3.18 -13.66	42.40 3.02 -16.63	47.34 3.16 -21.63	53.91 3.90 -22.17	63.09 4.18 -29.03	61.79 4.34 -26.68	56.61 4.35 -21.61	55.65 4.68 -16.29	63.82 3.64 -31.04	45.66 4.15 -9.34	41.02 3.49 -13.30
EAST RIVER___6 23660	33.54 2.66 -0.01	30.22 2.54 -0.01	28.51 2.31 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.31	30.05 2.13 -2.82	30.80 2.39 -3.79	32.78 2.15 -8.21	35.21 2.31 -8.56	37.92 2.47 -9.49	42.94 2.55 -13.25	46.82 2.63 -16.76	46.80 2.43 -19.10	48.14 2.27 -23.12	56.28 2.35 -31.39	54.80 2.90 -24.06	75.75 3.05 -42.82	60.54 3.17 -26.61	55.29 3.16 -21.49	54.27 3.33 -16.27	47.77 2.71 -15.92	42.01 2.99 -6.85	36.73 2.38 -10.13
EAST RIVER___7 23524	33.54 2.66 -0.01	30.22 2.54 -0.01	28.51 2.31 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.31	30.05 2.13 -2.82	30.80 2.39 -3.79	32.78 2.15 -8.21	35.21 2.31 -8.56	37.92 2.47 -9.49	42.94 2.55 -13.25	46.82 2.63 -16.76	46.80 2.43 -19.10	48.14 2.27 -23.12	56.28 2.35 -31.39	54.80 2.90 -24.06	75.75 3.05 -42.82	60.54 3.17 -26.61	55.29 3.16 -21.49	54.27 3.33 -16.27	47.77 2.71 -15.92	42.01 2.99 -6.85	36.73 2.38 -10.13
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.19 2.32 0.00	29.91 2.24 0.00	28.21 2.03 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.32 1.66 -2.30	29.77 1.86 -2.81	28.42 2.12 -1.68	31.42 1.88 -7.12	32.12 2.04 -5.73	32.56 2.18 -4.42	32.74 2.25 -3.34	33.88 2.30 -4.15	34.12 2.17 -6.68	36.98 2.05 -12.19	46.10 2.10 -21.45	52.48 2.59 -22.05	61.45 2.75 -28.82	60.10 2.83 -26.50	54.86 2.82 -21.40	53.86 2.98 -16.20	47.40 2.42 -15.84	41.65 2.67 -6.81	36.40 2.11 -10.07
EAST_HAMPTON___DIESEL 23722	35.49 4.60 -0.02	32.03 4.34 -0.02	30.21 4.01 -0.18	28.12 3.69 -0.01	28.10 3.64 -0.01	29.04 3.36 -2.32	31.64 3.71 -2.83	33.98 4.01 -5.34	35.53 3.45 -9.67	35.08 3.51 -7.24	41.60 3.43 -12.21	41.74 3.42 -11.18	41.66 3.40 -10.83	42.06 3.13 -13.66	42.35 2.98 -16.63	47.30 3.11 -21.63	53.86 3.84 -22.17	63.00 4.09 -29.03	61.70 4.25 -26.68	56.55 4.29 -21.61	55.54 4.58 -16.29	63.76 3.58 -31.04	45.59 4.09 -9.34	40.97 3.44 -13.30
EAST_POINT___SOLAR 323840	33.52 2.66 0.00	29.96 2.30 0.00	28.39 2.13 -0.23	26.35 1.93 0.00	26.45 2.01 0.00	28.40 1.75 -3.29	30.90 1.78 -4.01	28.69 1.77 -2.29	34.04 1.50 -10.13	34.01 1.63 -8.04	33.65 1.66 -6.03	33.01 1.63 -4.23	34.21 1.54 -5.24	35.32 1.19 -8.87	40.62 1.07 -16.81	42.70 0.86 -19.29	47.28 1.31 -18.13	51.69 1.82 -19.99	58.07 2.34 -24.97	63.68 2.82 -30.22	61.06 3.23 -23.16	54.23 2.45 -22.65	44.60 2.70 -9.73	40.56 1.94 -14.40
EAST_PULASKI___ESR 323781	30.69 -0.18 0.00	27.42 -0.25 0.00	25.75 -0.29 -0.01	24.18 -0.24 0.00	24.23 -0.22 0.00	23.10 -0.47 -0.21	24.75 -0.60 -0.25	23.95 -0.81 -0.14	22.27 -0.79 -0.64	24.09 -0.75 -0.51	25.45 -0.88 -0.38	26.43 -0.98 -0.27	26.72 -1.04 -0.33	24.86 -0.96 -0.56	23.05 -0.75 -1.05	23.10 -0.68 -1.23	28.12 -0.89 -1.17	30.19 -0.99 -1.30	31.44 -0.92 -1.60	31.82 -0.74 -1.91	35.38 -0.76 -1.46	29.87 -0.70 -1.43	32.01 -0.77 -0.61	24.80 -0.34 -0.91
EAST_RIVER___1 323558	33.54 2.66 -0.01	30.22 2.54 -0.01	28.51 2.31 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.31	30.05 2.13 -2.82	30.75 2.39 -3.74	32.73 2.13 -8.19	35.14 2.31 -8.49	37.78 2.47 -9.36	42.68 2.55 -12.99	46.47 2.61 -16.43	46.47 2.43 -18.78	47.87 2.30 -22.84	56.02 2.35 -31.13	54.75 2.90 -24.01	75.38 3.05 -42.46	60.54 3.17 -26.61	55.29 3.16 -21.49	54.27 3.33 -16.27	47.77 2.71 -15.92	42.01 2.99 -6.85	36.73 2.38 -10.13
EAST_RIVER___2 323559	33.54 2.66 -0.01	30.22 2.54 -0.01	28.51 2.31 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.31	30.05 2.13 -2.82	30.80 2.39 -3.79	32.78 2.15 -8.21	35.21 2.31 -8.56	37.92 2.47 -9.49	42.94 2.55 -13.25	46.82 2.63 -16.76	46.80 2.43 -19.10	48.14 2.27 -23.12	56.28 2.35 -31.39	54.80 2.90 -24.06	75.75 3.05 -42.82	60.54 3.17 -26.61	55.29 3.16 -21.49	54.27 3.33 -16.27	47.77 2.71 -15.92	42.01 2.99 -6.85	36.73 2.38 -10.13
EAST___DELAWARE_HYD 23607	33.06 2.19 0.00	29.74 2.08 0.00	28.07 1.90 -0.15	26.23 1.81 0.00	26.28 1.83 0.00	27.05 1.59 -2.10	29.35 1.68 -2.56	27.98 1.90 -1.46	30.56 1.68 -6.47	31.30 1.83 -5.14	31.70 1.89 -3.85	31.80 1.96 -2.70	32.70 1.92 -3.35	32.72 1.79 -5.66	35.14 1.66 -10.73	42.41 1.78 -18.08	48.71 2.20 -18.66	55.92 2.36 -23.68	56.16 2.55 -22.84	52.72 2.57 -19.50	52.27 2.81 -14.79	45.84 2.24 -14.46	40.86 2.48 -6.21	35.38 1.96 -9.19
EIGHT_POINT___WT_PWR 323820	30.66 -0.21 0.00	27.00 -0.66 0.00	25.01 -1.04 -0.03	23.57 -0.86 0.00	23.62 -0.83 0.00	22.85 -1.03 -0.52	24.64 -1.10 -0.64	23.68 -1.31 -0.36	22.59 -1.43 -1.61	24.11 -1.51 -1.28	24.89 -2.02 -0.96	28.23 -2.31 -3.39	29.93 -2.22 -4.72	30.14 -2.27 -7.14	34.57 -1.84 -13.67	37.83 -1.56 -16.83	50.11 -1.81 -24.08	54.36 -1.88 -26.36	61.07 -1.79 -32.09	57.90 -1.50 -28.75	51.06 -2.36 -18.74	38.19 -2.19 -11.24	31.21 -2.51 -1.55	25.21 -1.31 -2.29
ELBRIDGE_115KV_TB2 80188	30.59 -0.28 0.00	27.34 -0.33 0.00	25.64 -0.39 -0.02	24.13 -0.29 0.00	24.18 -0.27 0.00	23.10 -0.49 -0.23	24.83 -0.55 -0.28	23.97 -0.81 -0.16	22.34 -0.78 -0.71	24.07 -0.83 -0.56	25.46 -0.99 -0.49	26.41 -1.09 -0.35	26.73 -1.12 -0.43	24.98 -1.01 -0.73	23.34 -0.77 -1.38	23.48 -0.68 -1.60	28.19 -0.95 -1.29	30.27 -1.05 -1.43	31.52 -1.02 -1.77	31.90 -0.86 -2.11	35.39 -0.90 -1.62	29.93 -0.79 -1.58	31.89 -0.97 -0.68	24.82 -0.41 -1.00
ELEC_TRO_TEK 24086	33.84 2.96 -0.01	30.47 2.79 -0.01	28.77 2.58 -0.17	26.83 2.39 -0.01	26.85 2.40 -0.01	27.82 2.15 -2.31	30.31 2.38 -2.82	28.95 2.61 -1.72	34.09 2.31 -9.37	34.07 2.51 -7.22	40.82 2.65 -12.21	41.07 2.74 -11.18	41.06 2.80 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.64 2.55 -21.54	53.11 3.15 -22.12	62.17 3.35 -28.95	60.80 3.45 -26.58	55.53 3.43 -21.46	54.56 3.64 -16.24	47.99 2.97 -15.88	42.28 3.28 -6.83	40.07 2.57 -13.28
ELLENBURG_WT_PWR 323604	30.44 -0.43 0.00	27.28 -0.39 0.00	25.71 -0.31 0.00	24.08 -0.34 0.00	24.03 -0.42 0.00	22.98 -0.37 0.00	24.70 -0.40 0.00	24.33 -0.29 0.00	22.19 -0.22 0.00	24.12 -0.22 0.00	25.75 -0.21 0.00	26.90 -0.24 0.00	27.15 -0.33 0.00	24.94 -0.43 0.00	22.31 -0.56 0.00	21.99 -0.72 0.00	27.12 -0.84 0.00	29.04 -0.89 0.00	29.87 -0.92 0.00	29.73 -1.01 0.00	33.67 -0.85 0.00	28.29 -0.96 0.00	31.21 -0.96 0.00	23.23 -0.99 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.42 -1.45 0.00	25.81 -1.85 0.00	23.96 -2.08 -0.03	22.69 -1.73 0.00	22.86 -1.59 0.00	22.15 -1.59 -0.39	23.97 -1.61 -0.47	22.87 -2.02 -0.27	21.58 -2.02 -1.19	23.14 -2.14 -0.94	24.15 -2.57 -0.77	23.96 -2.85 0.33	24.08 -2.77 0.58	21.93 -2.63 0.71	19.40 -1.96 1.39	19.07 -1.58 1.91	21.11 -2.14 4.59	22.31 -2.60 4.97	22.24 -2.52 6.00	24.22 -2.42 4.00	29.55 -3.02 2.11	26.55 -2.80 -0.21	30.00 -3.31 -1.14	24.31 -1.60 -1.69
EMPIRE_CC_1 323656	31.83 0.96 0.00	28.64 0.97 0.00	27.13 0.91 -0.20	25.28 0.85 0.00	25.28 0.83 0.00	26.90 0.70 -2.84	29.28 0.70 -3.47	27.32 0.71 -1.98	31.82 0.65 -8.76	32.00 0.71 -6.96	31.88 0.70 -5.22	31.54 0.73 -3.66	32.70 0.74 -4.53	33.62 0.68 -7.67	37.92 0.64 -14.54	40.57 0.63 -17.39	45.16 0.78 -16.54	49.24 0.75 -18.61	53.97 0.77 -22.44	57.46 0.64 -26.17	55.51 0.80 -20.03	49.37 0.64 -19.59	41.33 0.74 -8.42	37.24 0.56 -12.45
EMPIRE_CC_2 323658	31.83 0.96 0.00	28.64 0.97 0.00	27.13 0.91 -0.20	25.28 0.85 0.00	25.28 0.83 0.00	26.90 0.70 -2.84	29.28 0.70 -3.47	27.32 0.71 -1.98	31.82 0.65 -8.76	32.00 0.71 -6.96	31.88 0.70 -5.22	31.54 0.73 -3.66	32.70 0.74 -4.53	33.62 0.68 -7.67	37.92 0.64 -14.54	40.57 0.63 -17.39	45.16 0.78 -16.54	49.24 0.75 -18.61	53.97 0.77 -22.44	57.46 0.64 -26.17	55.51 0.80 -20.03	49.37 0.64 -19.59	41.33 0.74 -8.42	37.24 0.56 -12.45
ENORWICH_115KV_TB1 80156	33.03 2.16 0.00	29.41 1.74 0.00	27.53 1.46 -0.05	25.89 1.47 0.00	26.06 1.61 0.00	25.45 1.35 -0.74	27.26 1.26 -0.91	26.34 1.21 -0.52	25.69 0.99 -2.29	27.15 1.00 -1.82	28.37 1.01 -1.40	29.30 1.03 -1.13	29.95 1.10 -1.42	28.44 0.81 -2.37	28.16 0.93 -4.49	29.25 1.11 -5.59	35.13 1.61 -5.67	38.18 1.85 -6.44	40.46 2.12 -7.57	40.99 2.24 -8.10	42.78 2.08 -6.02	36.34 1.69 -5.52	35.94 1.58 -2.20	28.95 1.48 -3.25
ERIE_ST__34_KV_TB1-2 80199	29.76 -1.11 0.00	26.15 -1.52 0.00	24.02 -2.03 -0.03	22.96 -1.47 0.00	23.10 -1.34 0.00	21.93 -1.82 -0.40	23.78 -1.81 -0.49	22.71 -2.19 -0.28	21.47 -2.17 -1.23	23.03 -2.29 -0.98	24.05 -2.70 -0.79	23.98 -2.99 0.18	24.73 -2.33 0.37	22.12 -2.75 0.39	19.88 -2.09 0.77	20.01 -1.40 1.15	23.16 -1.25 3.43	24.53 -1.64 3.70	24.80 -1.51 4.46	26.53 -1.41 2.70	30.29 -3.12 1.27	26.94 -2.88 -0.68	29.88 -3.47 -1.18	24.23 -1.74 -1.75
ERIE_WT_PWR 323693	29.60 -1.27 0.00	26.01 -1.66 0.00	24.10 -1.95 -0.03	22.81 -1.61 0.00	22.96 -1.49 0.00	22.19 -1.59 -0.43	24.02 -1.61 -0.52	22.92 -1.99 -0.30	21.71 -2.02 -1.31	23.24 -2.14 -1.04	24.17 -2.57 -0.78	24.02 -2.85 0.28	24.26 -2.66 0.51	22.01 -2.65 0.60	19.56 -2.00 1.18	19.35 -1.56 1.65	21.88 -1.95 4.02	23.14 -2.39 4.35	23.20 -2.34 5.23	25.19 -2.18 3.28	29.72 -3.36 1.59	26.66 -3.09 -0.61	30.12 -3.31 -1.26	24.50 -1.60 -1.87
ESPRGFLD_115KV_TB1 80157	32.81 1.94 0.00	29.33 1.66 0.00	27.53 1.51 0.00	25.84 1.42 0.00	25.94 1.49 0.00	24.64 1.28 0.00	26.43 1.33 0.00	26.00 1.38 0.00	23.67 1.26 0.00	25.68 1.34 0.00	27.36 1.40 0.00	28.56 1.41 0.00	28.83 1.40 0.00	26.43 1.16 0.00	23.88 1.14 0.00	23.66 1.11 0.00	29.35 1.50 0.00	31.64 1.76 0.00	32.77 2.00 0.00	32.79 2.15 0.00	36.97 2.29 0.00	30.91 1.78 0.00	34.07 1.90 0.00	25.73 1.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.52 0.65 0.00	28.11 0.44 0.00	26.34 0.29 -0.04	24.79 0.37 0.00	24.86 0.42 0.00	24.10 0.21 -0.54	25.96 0.20 -0.66	25.07 0.07 -0.37	24.07 0.00 -1.65	25.65 0.00 -1.31	26.84 -0.16 -1.04	27.90 -0.22 -0.97	28.46 -0.22 -1.25	27.07 -0.23 -2.04	26.54 -0.07 -3.87	27.47 0.11 -4.81	33.18 0.17 -5.17	35.95 0.24 -5.83	38.00 0.34 -6.90	38.22 0.49 -7.08	40.18 0.38 -5.12	33.72 0.20 -4.38	33.83 0.06 -1.59	26.92 0.34 -2.35
ETNA____115KV_TB2 80207	31.52 0.65 0.00	28.11 0.44 0.00	26.34 0.29 -0.04	24.79 0.37 0.00	24.86 0.42 0.00	24.10 0.21 -0.54	25.96 0.20 -0.66	25.07 0.07 -0.37	24.07 0.00 -1.65	25.65 0.00 -1.31	26.84 -0.16 -1.04	27.90 -0.22 -0.97	28.46 -0.22 -1.25	27.07 -0.23 -2.04	26.54 -0.07 -3.87	27.47 0.11 -4.81	33.18 0.17 -5.17	35.95 0.24 -5.83	38.00 0.34 -6.90	38.22 0.49 -7.08	40.18 0.38 -5.12	33.72 0.20 -4.38	33.83 0.06 -1.59	26.92 0.34 -2.35
EUCLID__115KV_TB2 356179	30.72 -0.15 0.00	27.45 -0.22 0.00	25.75 -0.29 -0.01	24.21 -0.22 0.00	24.28 -0.17 0.00	23.17 -0.40 -0.21	24.93 -0.43 -0.25	24.10 -0.66 -0.14	22.40 -0.65 -0.63	24.19 -0.66 -0.50	25.60 -0.80 -0.44	26.59 -0.87 -0.31	26.91 -0.91 -0.39	25.11 -0.81 -0.65	23.36 -0.61 -1.24	23.47 -0.52 -1.44	28.28 -0.72 -1.16	30.36 -0.81 -1.29	31.58 -0.77 -1.59	31.90 -0.64 -1.89	35.43 -0.69 -1.45	29.94 -0.61 -1.42	32.01 -0.77 -0.61	24.84 -0.29 -0.90
E_CANADA_CAP_HY 24051	33.28 2.41 0.00	29.74 2.08 0.00	28.19 1.93 -0.24	26.19 1.76 0.00	26.26 1.81 0.00	28.36 1.59 -3.41	30.93 1.66 -4.17	28.70 1.70 -2.38	34.43 1.50 -10.52	34.32 1.63 -8.35	33.91 1.69 -6.26	33.22 1.68 -4.39	34.52 1.65 -5.44	35.86 1.39 -9.21	41.47 1.27 -17.46	43.79 1.13 -20.11	48.31 1.56 -18.91	52.71 1.94 -20.89	59.06 2.28 -26.02	64.51 2.48 -31.38	61.50 2.78 -24.05	54.78 2.13 -23.52	44.66 2.38 -10.10	40.92 1.75 -14.95
E_CANADA_MHWK_HY 24050	30.90 0.03 0.00	27.70 0.03 0.00	26.04 0.03 0.00	24.45 0.02 0.00	24.45 0.00 0.00	23.26 -0.09 0.00	24.93 -0.17 0.00	24.42 -0.20 0.00	22.21 -0.20 0.00	24.12 -0.22 0.00	25.75 -0.21 0.00	26.93 -0.22 0.00	27.21 -0.22 0.00	25.09 -0.18 0.00	22.63 -0.11 0.00	22.42 -0.13 0.00	27.68 -0.17 0.00	29.64 -0.24 0.00	30.52 -0.25 0.00	30.40 -0.25 0.00	34.36 -0.31 0.00	28.84 -0.29 0.00	31.85 -0.32 0.00	24.03 -0.19 0.00
E_FISHKILL__LBMP 23776	32.91 2.04 0.00	29.63 1.96 0.00	28.01 1.82 -0.17	26.11 1.69 0.00	26.14 1.69 0.00	27.18 1.47 -2.35	29.60 1.63 -2.87	28.10 1.85 -1.64	31.29 1.64 -7.24	31.86 1.78 -5.75	32.17 1.89 -4.32	32.13 1.95 -3.03	33.19 2.00 -3.75	33.49 1.87 -6.35	36.53 1.75 -12.04	46.00 1.80 -21.64	52.65 2.23 -22.58	61.35 2.36 -29.11	60.40 2.43 -27.20	54.93 2.42 -21.86	53.79 2.57 -16.55	47.41 2.10 -16.18	41.44 2.32 -6.95	36.33 1.82 -10.29
FALCON__SEABRD_CC1 323796	30.81 -0.06 0.00	27.61 -0.06 0.00	25.99 -0.03 0.00	24.38 -0.05 0.00	24.30 -0.15 0.00	23.24 -0.12 0.00	24.98 -0.12 0.00	24.60 -0.02 0.00	22.44 0.02 0.00	24.41 0.07 0.00	26.04 0.08 0.00	27.17 0.03 0.00	27.46 0.03 0.00	25.22 -0.05 0.00	22.54 -0.21 0.00	22.24 -0.32 0.00	27.40 -0.45 0.00	29.31 -0.57 0.00	30.12 -0.65 0.00	30.03 -0.61 0.00	33.98 -0.69 0.00	28.55 -0.58 0.00	31.49 -0.68 0.00	23.45 -0.78 0.00
FALCON__SEABRD_CC2 323797	30.81 -0.06 0.00	27.61 -0.06 0.00	25.99 -0.03 0.00	24.38 -0.05 0.00	24.30 -0.15 0.00	23.24 -0.12 0.00	24.98 -0.12 0.00	24.60 -0.02 0.00	22.44 0.02 0.00	24.41 0.07 0.00	26.04 0.08 0.00	27.17 0.03 0.00	27.46 0.03 0.00	25.22 -0.05 0.00	22.54 -0.21 0.00	22.24 -0.32 0.00	27.40 -0.45 0.00	29.31 -0.57 0.00	30.12 -0.65 0.00	30.03 -0.61 0.00	33.98 -0.69 0.00	28.55 -0.58 0.00	31.49 -0.68 0.00	23.45 -0.78 0.00

FAR ROCKAWAY___4 23548	34.27 3.40 -0.01	30.89 3.21 -0.01	29.10 2.91 -0.17	27.17 2.74 -0.01	27.17 2.71 -0.01	28.12 2.45 -2.31	30.63 2.71 -2.82	29.26 2.93 -1.71	34.43 2.60 -9.41	34.44 2.87 -7.22	41.23 3.06 -12.21	41.50 3.18 -11.18	41.53 3.26 -10.83	41.96 3.03 -13.66	42.22 2.84 -16.63	47.03 2.93 -21.55	53.62 3.65 -22.12	62.69 3.85 -28.96	61.35 4.00 -26.58	56.09 3.98 -21.46	55.18 4.27 -16.24	48.49 3.47 -15.88	42.80 3.80 -6.83	40.46 2.96 -13.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.57 2.69 -0.01	30.20 2.52 -0.01	28.51 2.32 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.30	30.05 2.13 -2.81	30.87 2.39 -3.86	32.78 2.13 -8.23	35.30 2.31 -8.65	38.09 2.47 -9.67	43.29 2.55 -13.60	47.24 2.61 -17.21	47.23 2.43 -19.54	48.52 2.27 -23.51	56.63 2.35 -31.74	54.84 2.90 -24.10	76.20 3.05 -43.28	60.47 3.14 -26.57	55.21 3.13 -21.44	54.24 3.33 -16.23	47.73 2.71 -15.89	42.00 2.99 -6.84	36.71 2.37 -10.11
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.57 2.69 -0.01	30.23 2.55 -0.01	28.51 2.32 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.30	30.05 2.13 -2.81	30.87 2.39 -3.86	32.78 2.13 -8.23	35.30 2.31 -8.65	38.09 2.47 -9.67	43.29 2.55 -13.60	47.24 2.61 -17.21	47.23 2.43 -19.54	48.55 2.30 -23.51	56.63 2.35 -31.74	54.84 2.90 -24.10	76.20 3.05 -43.28	60.50 3.17 -26.57	55.24 3.16 -21.44	54.24 3.33 -16.23	47.76 2.74 -15.89	42.00 2.99 -6.84	36.71 2.37 -10.11
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.54 2.65 -0.01	30.20 2.52 -0.01	28.48 2.29 -0.18	26.56 2.13 -0.01	26.59 2.13 -0.01	27.55 1.89 -2.30	30.02 2.11 -2.81	30.85 2.36 -3.86	32.78 2.13 -8.23	35.27 2.29 -8.65	38.07 2.44 -9.67	43.27 2.52 -13.60	47.21 2.58 -17.21	47.23 2.43 -19.54	48.52 2.27 -23.51	56.61 2.32 -31.74	54.81 2.87 -24.10	76.17 3.02 -43.28	60.47 3.14 -26.57	55.21 3.13 -21.44	54.20 3.29 -16.23	47.73 2.71 -15.89	42.00 2.99 -6.84	36.68 2.35 -10.11
FARRAGUT___LBMP 323566	33.51 2.62 -0.01	30.17 2.49 -0.01	28.48 2.29 -0.18	26.56 2.13 -0.01	26.59 2.13 -0.01	27.55 1.89 -2.30	30.02 2.11 -2.81	30.82 2.34 -3.86	32.76 2.11 -8.23	35.27 2.29 -8.65	38.04 2.41 -9.67	43.24 2.50 -13.60	47.21 2.58 -17.21	47.21 2.40 -19.54	48.50 2.25 -23.51	56.59 2.30 -31.74	54.78 2.84 -24.10	76.17 3.02 -43.28	60.44 3.11 -26.57	55.18 3.10 -21.44	54.17 3.26 -16.23	47.70 2.68 -15.89	41.97 2.96 -6.84	36.68 2.35 -10.11
FENNER___WINDPWR 24204	31.49 0.62 0.00	28.14 0.47 0.00	26.43 0.39 -0.02	24.84 0.41 0.00	24.91 0.46 0.00	23.95 0.28 -0.32	25.74 0.25 -0.39	24.99 0.15 -0.22	23.50 0.11 -0.97	25.24 0.12 -0.77	26.61 0.08 -0.58	27.61 0.05 -0.41	27.99 0.05 -0.50	26.12 0.00 -0.85	24.47 0.11 -1.61	24.61 0.18 -1.88	29.90 0.28 -1.78	32.15 0.30 -1.97	33.57 0.37 -2.43	34.01 0.46 -2.90	37.35 0.45 -2.23	31.63 0.32 -2.18	33.33 0.23 -0.93	25.95 0.34 -1.38
FIBERTEK___ENERGY 23856	30.87 0.00 0.00	27.58 -0.08 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.28 -0.30 -0.22	25.03 -0.35 -0.27	24.19 -0.59 -0.16	22.52 -0.58 -0.69	24.31 -0.58 -0.55	25.71 -0.73 -0.48	26.67 -0.81 -0.34	27.00 -0.85 -0.42	25.24 -0.73 -0.71	23.54 -0.55 -1.35	23.67 -0.45 -1.57	28.46 -0.64 -1.26	30.56 -0.72 -1.40	31.82 -0.68 -1.73	32.16 -0.55 -2.06	35.70 -0.55 -1.58	30.16 -0.52 -1.55	32.16 -0.68 -0.66	24.99 -0.22 -0.98
FITZPATRICK___ 23598	30.13 -0.74 0.00	26.95 -0.72 0.00	25.30 -0.73 -0.01	23.77 -0.66 0.00	23.81 -0.64 0.00	22.67 -0.86 -0.18	24.39 -0.93 -0.22	23.54 -1.21 -0.12	21.84 -1.12 -0.54	23.58 -1.19 -0.43	24.93 -1.35 -0.33	25.93 -1.44 -0.23	26.20 -1.51 -0.28	24.41 -1.34 -0.48	22.54 -1.11 -0.91	22.55 -1.06 -1.06	27.44 -1.39 -0.99	29.43 -1.55 -1.10	30.56 -1.57 -1.36	30.86 -1.41 -1.62	34.39 -1.53 -1.24	29.07 -1.28 -1.21	31.28 -1.41 -0.52	24.22 -0.78 -0.77
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.15 2.28 0.00	29.85 2.19 0.00	28.19 2.00 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.32 1.66 -2.31	29.70 1.78 -2.81	28.22 1.99 -1.61	31.31 1.79 -7.10	31.93 1.95 -5.64	32.22 2.02 -4.24	32.21 2.09 -2.98	33.20 2.08 -3.69	33.45 1.95 -6.24	36.38 1.82 -11.82	45.37 1.92 -20.90	51.96 2.37 -21.75	60.32 2.51 -27.93	59.74 2.68 -26.30	54.77 2.67 -21.45	53.80 2.88 -16.25	47.35 2.33 -15.89	41.57 2.57 -6.83	36.34 2.01 -10.10
FORT ORANGE___ 23900	31.79 0.93 0.00	28.72 1.05 0.00	27.16 0.94 -0.21	25.33 0.90 0.00	25.38 0.93 0.00	26.95 0.68 -2.91	29.36 0.70 -3.55	27.29 0.64 -2.03	31.96 0.58 -8.97	32.09 0.63 -7.12	31.92 0.62 -5.34	31.54 0.65 -3.75	32.73 0.66 -4.64	33.72 0.61 -7.85	38.20 0.57 -14.89	40.48 0.59 -17.34	44.94 0.72 -16.37	48.84 0.78 -18.19	53.99 0.80 -22.42	58.12 0.71 -26.77	56.01 0.83 -20.51	49.80 0.61 -20.05	41.46 0.68 -8.62	37.51 0.53 -12.75
FORT_DRUM_COGEN 23780	31.02 0.15 0.00	27.70 0.03 0.00	26.00 -0.03 -0.01	24.43 0.00 0.00	24.52 0.07 0.00	23.38 -0.09 -0.12	24.87 -0.38 -0.14	24.24 -0.47 -0.08	22.31 -0.47 -0.37	24.19 -0.44 -0.29	25.70 -0.52 -0.26	26.73 -0.60 -0.18	26.94 -0.71 -0.23	24.89 -0.76 -0.39	22.90 -0.57 -0.73	22.86 -0.54 -0.85	27.95 -0.56 -0.67	30.14 -0.48 -0.74	31.44 -0.25 -0.91	31.74 0.00 -1.09	35.44 -0.07 -0.84	29.95 0.00 -0.82	32.33 -0.19 -0.35	24.70 -0.05 -0.52
FOX_HILLS___ESR 323835	33.76 2.87 -0.02	30.45 2.77 -0.02	28.72 2.52 -0.18	26.81 2.37 -0.02	26.84 2.37 -0.02	27.76 2.10 -2.30	30.20 2.28 -2.81	31.32 2.34 -4.36	33.01 2.11 -8.48	45.78 2.31 -19.13	39.29 2.47 -10.86	50.89 2.55 -21.20	50.27 2.66 -20.18	50.21 2.48 -22.46	51.14 2.32 -26.07	59.03 2.41 -34.06	55.27 2.87 -24.55	79.51 3.08 -46.55	60.54 3.20 -26.57	55.28 3.19 -21.44	54.38 3.47 -16.23	47.93 2.88 -15.90	42.18 3.06 -6.95	36.82 2.47 -10.12
FPL_FAR_ROCK_GT1 24212	34.27 3.40 -0.01	30.88 3.21 -0.01	29.10 2.91 -0.17	27.17 2.74 -0.01	27.17 2.71 -0.01	28.13 2.45 -2.32	30.64 2.71 -2.83	29.27 2.93 -1.72	34.44 2.60 -9.43	34.42 2.85 -7.24	41.23 3.06 -12.21	41.50 3.17 -11.18	41.53 3.26 -10.83	41.96 3.03 -13.66	42.22 2.84 -16.63	47.05 2.95 -21.55	53.64 3.65 -22.15	62.75 3.88 -28.99	61.39 4.00 -26.63	56.16 4.01 -21.51	55.26 4.30 -16.28	48.49 3.44 -15.92	42.81 3.79 -6.85	40.48 2.95 -13.30
FPL_FAR_ROCK_GT2 23815	34.27 3.40 -0.01	30.88 3.21 -0.01	29.10 2.91 -0.17	27.17 2.74 -0.01	27.17 2.71 -0.01	28.13 2.45 -2.32	30.64 2.71 -2.83	29.27 2.93 -1.72	34.44 2.60 -9.43	34.42 2.85 -7.24	41.23 3.06 -12.21	41.50 3.17 -11.18	41.53 3.26 -10.83	41.96 3.03 -13.66	42.22 2.84 -16.63	47.05 2.95 -21.55	53.64 3.65 -22.15	62.75 3.88 -28.99	61.39 4.00 -26.63	56.16 4.01 -21.51	55.26 4.30 -16.28	48.49 3.44 -15.92	42.81 3.79 -6.85	40.48 2.95 -13.30
FRANKLIN_FALL_HYD 24054	30.44 -0.43 0.00	27.31 -0.36 0.00	25.71 -0.31 0.00	24.08 -0.34 0.00	23.98 -0.46 0.00	22.94 -0.42 0.00	24.65 -0.45 0.00	24.30 -0.32 0.00	22.17 -0.25 0.00	24.15 -0.19 0.00	25.75 -0.21 0.00	26.87 -0.27 0.00	27.15 -0.33 0.00	24.94 -0.45 0.00	22.29 -0.45 0.00	21.99 -0.56 0.00	27.09 -0.75 0.00	28.98 -0.90 0.00	29.78 -0.98 0.00	29.66 -0.98 0.00	33.60 -1.07 0.00	28.23 -0.90 0.00	31.24 -0.93 0.00	23.21 -1.02 0.00

FREEPORT_EQUS_GT1 23764	34.15 3.27 -0.01	30.75 3.07 -0.01	29.00 2.81 -0.17	27.05 2.61 -0.01	27.05 2.59 -0.01	28.01 2.34 -2.32	30.52 2.59 -2.83	29.20 2.83 -1.75	34.43 2.51 -9.50	34.30 2.73 -7.24	41.08 2.91 -12.21	41.34 3.01 -11.18	41.34 3.07 -10.83	41.81 2.88 -13.66	42.06 2.68 -16.63	46.84 2.73 -21.56	53.37 3.37 -22.16	62.47 3.58 -29.01	61.11 3.72 -26.63	55.89 3.74 -21.51	54.94 3.99 -16.28	48.26 3.21 -15.92	42.62 3.60 -6.85	40.36 2.83 -13.30
FREEPORT___CT2 23818	34.15 3.27 -0.01	30.75 3.07 -0.01	29.00 2.81 -0.17	27.05 2.61 -0.01	27.05 2.59 -0.01	28.01 2.34 -2.32	30.52 2.59 -2.83	29.20 2.83 -1.75	34.43 2.51 -9.50	34.30 2.73 -7.24	41.08 2.91 -12.21	41.34 3.01 -11.18	41.34 3.07 -10.83	41.81 2.88 -13.66	42.06 2.68 -16.63	46.84 2.73 -21.56	53.37 3.37 -22.16	62.47 3.58 -29.01	61.11 3.72 -26.63	55.89 3.74 -21.51	54.94 3.99 -16.28	48.26 3.21 -15.92	42.62 3.60 -6.85	40.36 2.83 -13.30
FRESHKLS_33_KV_LOAD 356253	33.85 2.96 -0.02	30.53 2.85 -0.02	28.83 2.63 -0.18	26.91 2.47 -0.02	26.93 2.47 -0.02	27.88 2.22 -2.30	30.30 2.38 -2.81	30.76 2.27 -3.87	32.70 2.04 -8.24	41.60 2.24 -15.02	38.47 2.39 -10.12	46.64 2.47 -17.02	47.22 2.58 -17.22	47.22 2.40 -19.55	48.51 2.25 -23.52	50.15 2.35 -25.25	50.16 2.81 -19.51	50.16 3.05 -17.24	50.14 3.14 -16.23	50.74 3.13 -16.97	50.73 3.43 -12.62	47.93 2.88 -15.90	42.08 2.99 -6.91	36.82 2.47 -10.12
FULTON COGEN____ 23766	30.47 -0.40 0.00	27.23 -0.44 0.00	25.56 -0.47 -0.01	24.03 -0.39 0.00	24.08 -0.37 0.00	22.93 -0.61 -0.18	24.62 -0.70 -0.22	23.79 -0.96 -0.13	22.07 -0.90 -0.56	23.83 -0.95 -0.44	25.28 -1.09 -0.41	26.24 -1.19 -0.29	26.55 -1.23 -0.35	24.75 -1.11 -0.60	22.99 -0.89 -1.14	23.09 -0.79 -1.33	27.80 -1.06 -1.02	29.84 -1.17 -1.13	31.02 -1.14 -1.39	31.33 -0.98 -1.66	34.88 -1.07 -1.28	29.45 -0.93 -1.25	31.61 -1.09 -0.54	24.49 -0.53 -0.79
FULTON___LFGE 323630	33.19 2.32 0.00	29.69 2.02 0.00	28.12 1.87 -0.23	26.11 1.68 0.00	26.21 1.76 0.00	28.15 1.54 -3.26	30.68 1.61 -3.97	28.56 1.68 -2.27	33.94 1.50 -10.03	33.96 1.66 -7.96	33.62 1.69 -5.97	33.02 1.68 -4.19	34.27 1.65 -5.19	35.46 1.41 -8.78	40.69 1.30 -16.65	42.84 1.19 -19.09	47.39 1.61 -17.93	51.61 1.97 -19.76	57.75 2.28 -24.71	63.02 2.45 -29.93	60.35 2.74 -22.93	53.66 2.10 -22.43	44.12 2.32 -9.64	40.15 1.67 -14.26
G.F.CEMENT___DRP 24184	32.69 1.82 0.00	29.30 1.63 0.00	27.74 1.51 -0.21	25.77 1.34 0.00	25.84 1.39 0.00	27.54 1.17 -3.02	30.04 1.26 -3.68	28.08 1.35 -2.10	33.01 1.30 -9.30	33.18 1.46 -7.38	33.06 1.56 -5.55	32.61 1.57 -3.89	33.89 1.65 -4.82	34.86 1.44 -8.15	39.52 1.32 -15.46	41.52 1.29 -17.68	46.06 1.64 -16.57	49.94 1.82 -18.23	55.56 1.94 -22.85	60.32 1.93 -27.74	58.19 2.25 -21.26	51.62 1.69 -20.79	42.87 1.77 -8.93	38.65 1.21 -13.22
GARDENVILLE___LBMP 24039	29.51 -1.36 0.00	25.92 -1.74 0.00	24.02 -2.03 -0.03	22.76 -1.66 0.00	22.91 -1.54 0.00	22.14 -1.61 -0.39	23.98 -1.61 -0.48	22.88 -2.02 -0.27	21.59 -2.04 -1.21	23.16 -2.14 -0.96	24.17 -2.57 -0.78	23.88 -2.85 0.41	24.04 -2.69 0.70	21.76 -2.63 0.88	19.05 -1.98 1.72	18.68 -1.56 2.32	20.60 -2.00 5.24	21.74 -2.45 5.69	21.53 -2.37 6.87	23.67 -2.24 4.74	29.10 -3.02 2.56	26.35 -2.80 -0.01	29.99 -3.35 -1.16	24.32 -1.62 -1.72
GARDNVLA_35_KV_LD 355827	29.63 -1.23 0.00	26.01 -1.66 0.00	24.10 -1.95 -0.03	22.84 -1.59 0.00	23.01 -1.44 0.00	22.19 -1.56 -0.40	24.03 -1.56 -0.48	22.93 -1.97 -0.28	21.64 -1.99 -1.22	23.21 -2.09 -0.97	24.22 -2.52 -0.78	24.09 -2.82 0.23	24.36 -2.63 0.44	22.14 -2.63 0.50	19.79 -1.98 0.98	19.64 -1.51 1.40	22.11 -1.92 3.81	23.40 -2.36 4.12	23.56 -2.25 4.97	25.36 -2.15 3.14	30.15 -2.98 1.55	26.90 -2.77 -0.53	30.06 -3.28 -1.17	24.41 -1.55 -1.73
GELCKHM___115KV_LOAD 80723	30.78 -0.09 0.00	27.50 -0.17 0.00	25.80 -0.23 -0.02	24.25 -0.17 0.00	24.30 -0.15 0.00	23.22 -0.35 -0.21	24.96 -0.40 -0.26	24.13 -0.64 -0.15	22.44 -0.63 -0.65	24.23 -0.63 -0.52	25.64 -0.78 -0.46	26.62 -0.84 -0.32	26.95 -0.88 -0.40	25.15 -0.78 -0.67	23.42 -0.59 -1.27	23.54 -0.50 -1.48	28.34 -0.70 -1.19	30.43 -0.78 -1.32	31.66 -0.74 -1.63	31.98 -0.61 -1.95	35.51 -0.66 -1.49	30.01 -0.58 -1.46	32.06 -0.74 -0.63	24.89 -0.27 -0.93
GENERAL___MILLS 23808	29.57 -1.30 0.00	25.98 -1.69 0.00	24.04 -2.00 -0.03	22.81 -1.61 0.00	22.96 -1.49 0.00	22.14 -1.61 -0.39	23.98 -1.61 -0.48	22.90 -1.99 -0.27	21.61 -2.02 -1.22	23.19 -2.12 -0.97	24.20 -2.54 -0.78	24.01 -2.85 0.28	24.29 -2.63 0.51	22.01 -2.65 0.60	19.59 -1.98 1.18	19.37 -1.53 1.65	21.70 -1.95 4.20	22.97 -2.36 4.55	23.01 -2.28 5.48	24.89 -2.18 3.58	29.84 -3.02 1.82	26.73 -2.80 -0.39	30.03 -3.31 -1.17	24.35 -1.60 -1.73
GE_PLASTICS___DRP 24183	31.70 0.83 0.00	28.58 0.91 0.00	27.06 0.83 -0.21	25.23 0.81 0.00	25.26 0.81 0.00	26.87 0.61 -2.91	29.30 0.65 -3.54	27.26 0.62 -2.02	31.92 0.56 -8.95	32.06 0.61 -7.11	31.92 0.62 -5.34	31.54 0.65 -3.75	32.73 0.66 -4.64	33.72 0.61 -7.85	38.19 0.57 -14.88	40.10 0.59 -16.97	44.42 0.70 -15.88	48.05 0.72 -17.45	53.47 0.77 -21.93	58.02 0.67 -26.70	55.90 0.76 -20.46	49.76 0.61 -20.01	41.44 0.68 -8.60	37.48 0.53 -12.72
GILBOA___1 23756	31.86 0.99 0.00	28.64 0.97 0.00	27.14 0.96 -0.16	25.33 0.90 0.00	25.38 0.93 0.00	26.34 0.68 -2.30	28.64 0.73 -2.81	27.01 0.79 -1.60	30.20 0.70 -7.09	30.73 0.76 -5.63	30.96 0.78 -4.22	30.90 0.79 -2.96	31.90 0.80 -3.67	32.21 0.73 -6.21	35.24 0.73 -11.77	35.80 0.77 -12.48	40.18 0.92 -11.42	42.90 0.98 -12.04	48.03 1.01 -16.25	52.78 1.01 -21.12	51.97 1.08 -16.22	45.84 0.85 -15.86	39.88 0.90 -6.81	35.08 0.78 -10.08
GILBOA___2 23757	31.86 0.99 0.00	28.64 0.97 0.00	27.14 0.96 -0.16	25.33 0.90 0.00	25.38 0.93 0.00	26.34 0.68 -2.30	28.64 0.73 -2.81	27.01 0.79 -1.60	30.20 0.70 -7.09	30.73 0.76 -5.63	30.96 0.78 -4.22	30.90 0.79 -2.96	31.90 0.80 -3.67	32.21 0.73 -6.21	35.24 0.73 -11.77	35.80 0.77 -12.48	40.18 0.92 -11.42	42.90 0.98 -12.04	48.03 1.01 -16.25	52.78 1.01 -21.12	51.97 1.08 -16.22	45.84 0.85 -15.86	39.88 0.90 -6.81	35.08 0.78 -10.08
GILBOA___3 23758	31.86 0.99 0.00	28.64 0.97 0.00	27.14 0.96 -0.16	25.33 0.90 0.00	25.38 0.93 0.00	26.34 0.68 -2.30	28.64 0.73 -2.81	27.01 0.79 -1.60	30.20 0.70 -7.09	30.73 0.76 -5.63	30.96 0.78 -4.22	30.90 0.79 -2.96	31.90 0.80 -3.67	32.21 0.73 -6.21	35.24 0.73 -11.77	35.80 0.77 -12.48	40.18 0.92 -11.42	42.90 0.98 -12.04	48.03 1.01 -16.25	52.78 1.01 -21.12	51.97 1.08 -16.22	45.84 0.85 -15.86	39.88 0.90 -6.81	35.08 0.78 -10.08
GILBOA___4 23759	31.86 0.99 0.00	28.64 0.97 0.00	27.14 0.96 -0.16	25.33 0.90 0.00	25.38 0.93 0.00	26.34 0.68 -2.30	28.64 0.73 -2.81	27.01 0.79 -1.60	30.20 0.70 -7.09	30.73 0.76 -5.63	30.96 0.78 -4.22	30.90 0.79 -2.96	31.90 0.80 -3.67	32.21 0.73 -6.21	35.24 0.73 -11.77	35.80 0.77 -12.48	40.18 0.92 -11.42	42.90 0.98 -12.04	48.03 1.01 -16.25	52.78 1.01 -21.12	51.97 1.08 -16.22	45.84 0.85 -15.86	39.88 0.90 -6.81	35.08 0.78 -10.08

GILBOA____ 23599	31.86 0.99 0.00	28.61 0.94 0.00	27.14 0.96 -0.16	25.33 0.90 0.00	25.38 0.93 0.00	26.33 0.68 -2.30	28.63 0.73 -2.80	27.01 0.79 -1.60	30.18 0.69 -7.07	30.71 0.75 -5.62	30.96 0.78 -4.22	30.90 0.79 -2.96	31.90 0.80 -3.67	32.21 0.73 -6.21	35.24 0.73 -11.77	35.80 0.77 -12.48	40.18 0.95 -11.39	42.86 0.99 -12.00	47.98 1.02 -16.20	52.72 1.01 -21.07	51.92 1.07 -16.17	45.80 0.84 -15.81	39.87 0.90 -6.79	35.05 0.78 -10.05
GINNA____ 23603	28.80 -2.07 0.00	25.56 -2.10 0.00	23.98 -2.06 -0.02	22.55 -1.88 0.00	22.69 -1.76 0.00	22.08 -1.59 -0.31	23.77 -1.71 -0.38	22.87 -1.97 -0.22	21.51 -1.86 -0.96	23.11 -2.00 -0.76	24.24 -2.28 -0.57	25.07 -2.47 -0.40	25.21 -2.72 -0.49	23.78 -2.32 -0.84	22.51 -1.82 -1.59	22.66 -1.74 -1.85	27.08 -2.51 -1.75	28.89 -2.93 -1.94	30.21 -2.95 -2.39	30.68 -2.82 -2.85	34.13 -2.74 -2.19	28.80 -2.48 -2.14	30.39 -2.70 -0.92	24.01 -1.57 -1.36
GLEN PARK____ 23778	31.12 0.25 0.00	27.78 0.11 0.00	26.08 0.05 -0.01	24.50 0.07 0.00	24.62 0.17 0.00	23.48 -0.02 -0.15	24.98 -0.30 -0.18	24.31 -0.42 -0.10	22.45 -0.43 -0.46	24.31 -0.39 -0.36	25.76 -0.47 -0.27	26.79 -0.54 -0.19	27.01 -0.66 -0.24	24.93 -0.73 -0.40	22.95 -0.55 -0.76	22.94 -0.50 -0.88	28.18 -0.50 -0.84	30.42 -0.39 -0.93	31.79 -0.12 -1.15	32.17 0.15 -1.37	35.83 0.10 -1.05	30.28 0.12 -1.03	32.55 -0.06 -0.44	24.95 0.07 -0.65
GLENDALE_27_KV_LOAD 356172	33.66 2.78 -0.02	30.34 2.66 -0.02	28.62 2.42 -0.18	26.69 2.25 -0.02	26.71 2.25 -0.02	27.67 2.01 -2.30	30.15 2.23 -2.81	31.42 2.44 -4.36	33.10 2.20 -8.48	36.03 2.39 -9.31	39.36 2.54 -10.86	45.71 2.63 -15.93	50.32 2.72 -20.18	50.26 2.53 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.38 2.98 -24.55	79.60 3.17 -46.55	60.63 3.29 -26.57	55.34 3.25 -21.44	54.41 3.50 -16.23	47.88 2.86 -15.89	42.13 3.12 -6.84	36.78 2.45 -10.11
GLENWOOD_IC_1_G5 23712	33.75 2.87 -0.01	30.39 2.71 -0.01	28.66 2.47 -0.17	26.73 2.30 -0.01	26.75 2.30 -0.01	27.73 2.06 -2.31	30.21 2.28 -2.82	28.90 2.54 -1.74	34.04 2.26 -9.37	34.02 2.46 -7.22	40.79 2.62 -12.21	41.04 2.71 -11.18	41.06 2.80 -10.83	41.53 2.60 -13.66	41.81 2.43 -16.63	46.62 2.53 -21.54	52.97 3.01 -22.12	61.99 3.17 -28.95	60.64 3.29 -26.58	55.38 3.28 -21.46	54.39 3.47 -16.24	47.93 2.91 -15.88	42.22 3.22 -6.83	40.02 2.52 -13.28
GLENWOOD_IC_2_G1 23688	33.50 2.62 -0.01	30.19 2.52 -0.01	28.48 2.29 -0.17	26.56 2.12 -0.01	26.58 2.13 -0.01	27.56 1.89 -2.32	30.04 2.11 -2.83	28.64 2.36 -1.66	32.52 2.11 -8.00	33.84 2.26 -7.24	40.58 2.41 -12.21	40.82 2.50 -11.18	40.84 2.58 -10.83	41.33 2.40 -13.66	41.63 2.25 -16.63	46.17 2.32 -21.30	52.79 2.84 -22.10	61.54 3.02 -28.64	60.50 3.11 -26.62	55.28 3.13 -21.50	54.25 3.30 -16.28	47.73 2.68 -15.92	41.97 2.96 -6.84	39.88 2.35 -13.30
GLENWOOD_IC_3_G1 23689	33.50 2.62 -0.01	30.19 2.52 -0.01	28.48 2.29 -0.17	26.56 2.12 -0.01	26.58 2.13 -0.01	27.56 1.89 -2.32	30.04 2.11 -2.83	28.64 2.36 -1.66	32.52 2.11 -8.00	33.84 2.26 -7.24	40.58 2.41 -12.21	40.82 2.50 -11.18	40.84 2.58 -10.83	41.33 2.40 -13.66	41.63 2.25 -16.63	46.17 2.32 -21.30	52.79 2.84 -22.10	61.54 3.02 -28.64	60.50 3.11 -26.62	55.28 3.13 -21.50	54.25 3.30 -16.28	47.73 2.68 -15.92	41.97 2.96 -6.84	39.88 2.35 -13.30
GLENWOOD____4 23550	33.75 2.87 -0.01	30.39 2.71 -0.01	28.66 2.47 -0.17	26.73 2.30 -0.01	26.75 2.30 -0.01	27.73 2.06 -2.31	30.21 2.28 -2.82	28.90 2.54 -1.74	34.04 2.26 -9.37	34.02 2.46 -7.22	40.79 2.62 -12.21	41.04 2.71 -11.18	41.06 2.80 -10.83	41.53 2.60 -13.66	41.81 2.43 -16.63	46.62 2.53 -21.54	53.00 3.03 -22.12	62.05 3.23 -28.95	60.67 3.32 -26.58	55.41 3.31 -21.46	54.42 3.50 -16.24	47.93 2.91 -15.88	42.22 3.22 -6.83	40.02 2.52 -13.28
GLENWOOD____5 23614	33.75 2.87 -0.01	30.39 2.71 -0.01	28.66 2.47 -0.17	26.73 2.30 -0.01	26.75 2.30 -0.01	27.73 2.06 -2.31	30.21 2.28 -2.82	28.90 2.54 -1.74	34.04 2.26 -9.37	34.02 2.46 -7.22	40.79 2.62 -12.21	41.04 2.71 -11.18	41.06 2.80 -10.83	41.53 2.60 -13.66	41.81 2.43 -16.63	46.62 2.53 -21.54	53.00 3.03 -22.12	62.05 3.23 -28.95	60.67 3.32 -26.58	55.41 3.31 -21.46	54.42 3.50 -16.24	47.93 2.91 -15.88	42.22 3.22 -6.83	40.02 2.52 -13.28
GLOBAL GREEN_PORT_GT1 23814	35.55 4.66 -0.02	32.06 4.37 -0.02	30.23 4.03 -0.18	28.15 3.71 -0.01	28.15 3.69 -0.01	29.09 3.41 -2.32	31.67 3.74 -2.83	34.00 4.04 -5.34	35.60 3.52 -9.67	35.21 3.63 -7.24	41.80 3.63 -12.21	42.02 3.69 -11.18	41.94 3.68 -10.83	42.32 3.39 -13.66	42.58 3.21 -16.63	47.52 3.34 -21.63	54.16 4.15 -22.17	63.33 4.42 -29.03	62.07 4.61 -26.68	56.89 4.63 -21.61	55.93 4.96 -16.29	64.08 3.91 -31.04	45.92 4.41 -9.34	41.16 3.63 -13.30
GLOBE____DSASP 323697	28.62 -2.25 0.00	25.09 -2.57 0.00	23.52 -2.52 -0.03	22.18 -2.25 0.00	22.35 -2.10 0.00	21.90 -1.82 -0.36	23.64 -1.91 -0.44	22.51 -2.36 -0.25	21.17 -2.35 -1.11	22.72 -2.51 -0.88	23.69 -2.99 -0.72	23.98 -3.04 0.13	23.94 -3.21 0.28	22.25 -2.73 0.28	20.13 -2.05 0.57	19.88 -1.80 0.87	22.18 -2.73 2.93	23.46 -3.26 3.17	23.73 -3.23 3.81	25.24 -3.16 2.25	30.43 -3.26 0.99	26.80 -3.03 -0.70	29.44 -3.80 -1.07	23.89 -1.91 -1.58
GOETHSLN____LBMP 323567	33.38 2.50 -0.01	30.06 2.38 -0.01	28.35 2.16 -0.18	26.44 2.00 -0.01	26.47 2.00 -0.01	27.44 1.78 -2.30	29.90 1.98 -2.81	30.77 2.29 -3.86	32.69 2.04 -8.23	34.22 2.22 -7.67	37.92 2.36 -9.60	42.63 2.42 -13.07	47.10 2.47 -17.21	47.11 2.30 -19.54	48.41 2.16 -23.51	56.50 2.21 -31.74	54.67 2.73 -24.10	76.03 2.87 -43.28	60.29 2.95 -26.57	55.03 2.94 -21.44	54.03 3.12 -16.23	47.59 2.56 -15.89	41.86 2.86 -6.82	36.58 2.25 -10.10
GOLAH____69_KV_TB 1_2 80279	29.85 -1.02 0.00	26.40 -1.27 0.00	24.79 -1.25 -0.02	23.30 -1.12 0.00	23.47 -0.98 0.00	22.85 -0.79 -0.29	24.63 -0.83 -0.35	23.62 -1.21 -0.20	22.07 -1.23 -0.89	23.71 -1.34 -0.71	24.89 -1.66 -0.59	25.69 -1.87 -0.42	25.86 -2.08 -0.52	24.45 -1.69 -0.87	23.17 -1.23 -1.66	23.38 -1.11 -1.93	27.64 -1.84 -1.64	29.49 -2.21 -1.82	30.89 -2.12 -2.24	31.38 -1.93 -2.67	35.02 -1.70 -2.04	29.56 -1.57 -1.99	31.16 -1.87 -0.86	24.77 -0.73 -1.27
GOODYEAR_LAKE_HYD 323669	32.35 1.48 0.00	28.97 1.30 0.00	27.24 1.17 -0.05	25.57 1.15 0.00	25.65 1.20 0.00	25.08 0.98 -0.74	27.03 1.03 -0.90	26.22 1.08 -0.51	25.67 0.99 -2.27	27.22 1.07 -1.81	28.45 1.12 -1.38	29.25 1.14 -0.97	29.80 1.18 -1.20	28.27 0.99 -2.02	27.58 1.00 -3.83	28.35 1.04 -4.76	33.70 1.34 -4.52	36.52 1.46 -5.17	38.44 1.63 -6.04	39.13 1.69 -6.80	41.58 1.70 -5.20	35.59 1.37 -5.09	35.77 1.42 -2.19	28.65 1.19 -3.23
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.21 0.34 0.00	27.81 0.14 0.00	26.05 -0.03 -0.05	24.52 0.10 0.00	24.59 0.15 0.00	24.03 -0.09 -0.77	26.02 -0.03 -0.94	25.01 -0.15 -0.54	24.56 -0.22 -2.37	26.03 -0.19 -1.88	27.05 -0.36 -1.46	27.73 -0.43 -1.02	28.39 -0.30 -1.26	27.03 -0.38 -2.14	26.62 -0.18 -4.06	27.62 0.02 -5.05	32.69 0.11 -4.73	35.37 0.06 -5.43	37.24 0.15 -6.32	37.99 0.25 -7.10	40.00 -0.10 -5.43	34.24 -0.20 -5.31	34.10 -0.35 -2.28	27.65 0.05 -3.37

GOUDEY___7 23579	31.21	27.81	26.05	24.52	24.59	24.03	26.02	25.01	24.56	26.03	27.05	27.73	28.39	27.03	26.62	27.62	32.69	35.37	37.24	37.99	40.00	34.24	34.10	27.65
	0.34	0.14	-0.03	0.10	0.15	-0.09	-0.03	-0.15	-0.22	-0.19	-0.36	-0.43	-0.30	-0.38	-0.18	0.02	0.11	0.06	0.15	0.25	-0.10	-0.20	-0.35	0.05
	0.00	0.00	-0.05	0.00	0.00	-0.77	-0.94	-0.54	-2.37	-1.88	-1.46	-1.02	-1.26	-2.14	-4.06	-5.05	-4.73	-5.43	-6.32	-7.10	-5.43	-5.31	-2.28	-3.37
GOUDEY___8 23580	31.21	27.81	26.05	24.52	24.59	24.03	26.02	25.01	24.56	26.03	27.05	27.73	28.39	27.03	26.62	27.62	32.69	35.37	37.24	37.99	40.00	34.24	34.10	27.65
	0.34	0.14	-0.03	0.10	0.15	-0.09	-0.03	-0.15	-0.22	-0.19	-0.36	-0.43	-0.30	-0.38	-0.18	0.02	0.11	0.06	0.15	0.25	-0.10	-0.20	-0.35	0.05
	0.00	0.00	-0.05	0.00	0.00	-0.77	-0.94	-0.54	-2.37	-1.88	-1.46	-1.02	-1.26	-2.14	-4.06	-5.05	-4.73	-5.43	-6.32	-7.10	-5.43	-5.31	-2.28	-3.37
GOWANUS_GT1_1 24077	33.73	30.40	28.67	26.76	26.79	27.72	30.17	31.34	33.05	45.80	39.31	50.95	50.29	50.23	51.18	59.05	55.32	79.57	60.60	55.31	54.41	47.93	42.21	36.82
	2.84	2.71	2.47	2.32	2.32	2.06	2.26	2.36	2.15	2.34	2.49	2.61	2.69	2.50	2.37	2.44	2.92	3.14	3.26	3.22	3.50	2.88	3.09	2.47
	-0.02	-0.02	-0.18	-0.02	-0.02	-2.30	-2.81	-4.36	-8.48	-19.13	-10.86	-21.20	-20.18	-22.46	-26.07	-34.06	-24.55	-46.55	-26.57	-21.44	-16.23	-15.90	-6.95	-10.12
GOWANUS_GT1_2 24078	33.73	30.40	28.67	26.76	26.79	27.72	30.17	31.34	33.05	45.80	39.31	50.95	50.29	50.23	51.18	59.05	55.32	79.57	60.60	55.31	54.41	47.93	42.21	36.82
	2.84	2.71	2.47	2.32	2.32	2.06	2.26	2.36	2.15	2.34	2.49	2.61	2.69	2.50	2.37	2.44	2.92	3.14	3.26	3.22	3.50	2.88	3.09	2.47
	-0.02	-0.02	-0.18	-0.02	-0.02	-2.30	-2.81	-4.36	-8.48	-19.13	-10.86	-21.20	-20.18	-22.46	-26.07	-34.06	-24.55	-46.55	-26.57	-21.44	-16.23	-15.90	-6.95	-10.12
GOWANUS_GT1_3 24079	33.73	30.40	28.67	26.76	26.79	27.72	30.17	31.34	33.05	45.80	39.31	50.95	50.29	50.23	51.18	59.05	55.32	79.57	60.60	55.31	54.41	47.93	42.21	36.82
	2.84	2.71	2.47	2.32	2.32	2.06	2.26	2.36	2.15	2.34	2.49	2.61	2.69	2.50	2.37	2.44	2.92	3.14	3.26	3.22	3.50	2.88	3.09	2.47
	-0.02	-0.02	-0.18	-0.02	-0.02	-2.30	-2.81	-4.36	-8.48	-19.13	-10.86	-21.20	-20.18	-22.46	-26.07	-34.06	-24.55	-46.55	-26.57	-21.44	-16.23	-15.90	-6.95	-10.12
GOWANUS_GT1_4 24080	33.73	30.40	28.67	26.76	26.79	27.72	30.17	31.34	33.05	45.80	39.31	50.95	50.29	50.23	51.18	59.05	55.32	79.57	60.60	55.31	54.41	47.93	42.21	36.82
	2.84	2.71	2.47	2.32	2.32	2.06	2.26	2.36	2.15	2.34	2.49	2.61	2.69	2.50	2.37	2.44	2.92	3.14	3.26	3.22	3.50	2.88	3.09	2.47
	-0.02	-0.02	-0.18	-0.0																				

GOWANUS_GT2_6 24119	33.73 2.84 -0.02	30.40 2.71 -0.02	28.68 2.47 -0.18	26.74 2.30 -0.02	26.77 2.30 -0.02	27.72 2.06 -2.31	30.15 2.23 -2.82	31.35 2.36 -4.36	33.05 2.13 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.16 2.34 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.61 3.23 -26.61	55.35 3.22 -21.49	54.45 3.50 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
GOWANUS_GT2_7 24120	33.73 2.84 -0.02	30.40 2.71 -0.02	28.68 2.47 -0.18	26.74 2.30 -0.02	26.77 2.30 -0.02	27.72 2.06 -2.31	30.15 2.23 -2.82	31.35 2.36 -4.36	33.05 2.13 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.16 2.34 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.61 3.23 -26.61	55.35 3.22 -21.49	54.45 3.50 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
GOWANUS_GT2_8 24121	33.73 2.84 -0.02	30.40 2.71 -0.02	28.68 2.47 -0.18	26.74 2.30 -0.02	26.77 2.30 -0.02	27.72 2.06 -2.31	30.15 2.23 -2.82	31.35 2.36 -4.36	33.05 2.13 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.16 2.34 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.61 3.23 -26.61	55.35 3.22 -21.49	54.45 3.50 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
GOWANUS_GT3_1 24122	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
GOWANUS_GT3_2 24123	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
GOWANUS_GT3_3 24124	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
GOWANUS_GT3_4 24125	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	

GOWANUS_GT4_5 24134	33.73 2.84 -0.02	30.40 2.71 -0.02	28.67 2.47 -0.18	26.74 2.30 -0.02	26.76 2.30 -0.02	27.72 2.06 -2.30	30.15 2.23 -2.81	31.34 2.36 -4.36	33.03 2.13 -8.48	45.80 2.34 -19.13	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.16 2.34 -26.07	59.05 2.44 -34.06	55.32 2.92 -24.55	79.57 3.14 -46.55	60.57 3.23 -26.57	55.31 3.22 -21.44	54.41 3.50 -16.23	47.93 2.88 -15.90	42.21 3.09 -6.95	36.82 2.47 -10.12
GOWANUS_GT4_6 24135	33.73 2.84 -0.02	30.40 2.71 -0.02	28.67 2.47 -0.18	26.74 2.30 -0.02	26.76 2.30 -0.02	27.72 2.06 -2.30	30.15 2.23 -2.81	31.34 2.36 -4.36	33.03 2.13 -8.48	45.80 2.34 -19.13	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.16 2.34 -26.07	59.05 2.44 -34.06	55.32 2.92 -24.55	79.57 3.14 -46.55	60.57 3.23 -26.57	55.31 3.22 -21.44	54.41 3.50 -16.23	47.93 2.88 -15.90	42.21 3.09 -6.95	36.82 2.47 -10.12
GOWANUS_GT4_7 24136	33.73 2.84 -0.02	30.40 2.71 -0.02	28.67 2.47 -0.18	26.74 2.30 -0.02	26.76 2.30 -0.02	27.72 2.06 -2.30	30.15 2.23 -2.81	31.34 2.36 -4.36	33.03 2.13 -8.48	45.80 2.34 -19.13	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.16 2.34 -26.07	59.05 2.44 -34.06	55.32 2.92 -24.55	79.57 3.14 -46.55	60.57 3.23 -26.57	55.31 3.22 -21.44	54.41 3.50 -16.23	47.93 2.88 -15.90	42.21 3.09 -6.95	36.82 2.47 -10.12
GOWANUS_GT4_8 24137	33.73 2.84 -0.02	30.40 2.71 -0.02	28.67 2.47 -0.18	26.74 2.30 -0.02	26.76 2.30 -0.02	27.72 2.06 -2.30	30.15 2.23 -2.81	31.34 2.36 -4.36	33.03 2.13 -8.48	45.80 2.34 -19.13	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.16 2.34 -26.07	59.05 2.44 -34.06	55.32 2.92 -24.55	79.57 3.14 -46.55	60.57 3.23 -26.57	55.31 3.22 -21.44	54.41 3.50 -16.23	47.93 2.88 -15.90	42.21 3.09 -6.95	36.82 2.47 -10.12
GREATVR_69_KV_BK1 356245	34.96 4.07 -0.01	31.47 3.79 -0.01	29.66 3.46 -0.18	27.66 3.22 -0.01	27.66 3.20 -0.01	28.59 2.92 -2.31	31.11 3.19 -2.82	31.97 3.45 -3.91	35.12 3.09 -9.62	34.90 3.33 -7.22	41.70 3.53 -12.21	41.96 3.64 -11.18	41.91 3.65 -10.83	42.32 3.39 -13.66	42.56 3.18 -16.63	47.39 3.22 -21.61	53.99 4.01 -22.14	63.09 4.21 -28.99	61.85 4.46 -26.62	56.61 4.44 -21.52	55.71 4.79 -16.25	57.82 3.82 -24.87	44.79 4.31 -8.31	40.94 3.44 -13.28
GREENBSH_115KV_TB3 55895	31.64 0.77 0.00	28.58 0.91 0.00	27.06 0.83 -0.21	25.23 0.81 0.00	25.26 0.81 0.00	26.89 0.61 -2.92	29.32 0.65 -3.57	27.22 0.57 -2.04	31.93 0.52 -9.00	32.07 0.58 -7.15	31.90 0.57 -5.37	31.54 0.62 -3.77	32.73 0.63 -4.67	33.72 0.56 -7.89	38.25 0.55 -14.97	40.25 0.52 -17.18	44.58 0.61 -16.12	48.29 0.63 -17.78	53.62 0.65 -22.20	58.05 0.55 -26.86	55.92 0.66 -20.58	49.79 0.52 -20.13	41.37 0.55 -8.65	37.48 0.46 -12.79
GREENDGE_115KV_TB5 80291	30.90 0.03 0.00	27.42 -0.25 0.00	25.58 -0.47 -0.03	24.13 -0.29 0.00	24.23 -0.22 0.00	23.47 -0.35 -0.47	25.32 -0.35 -0.57	24.43 -0.52 -0.33	23.23 -0.63 -1.44	24.83 -0.66 -1.14	25.94 -0.93 -0.91	27.86 -1.11 -1.83	28.85 -1.07 -2.49	28.05 -1.06 -3.85	29.34 -0.75 -7.34	30.99 -0.52 -8.95	39.08 -0.61 -11.84	42.21 -0.66 -12.99	45.83 -0.77 -15.84	45.02 -0.37 -14.74	43.92 -0.62 -9.86	34.96 -0.73 -6.55	32.56 -1.00 -1.38	25.96 -0.31 -2.05
GREENIDGE___3 23582	30.90 0.03 0.00	27.42 -0.25 0.00	25.58 -0.47 -0.03	24.13 -0.29 0.00	24.23 -0.22 0.00	23.47 -0.35 -0.47	25.32 -0.35 -0.57	24.43 -0.52 -0.33	23.23 -0.63 -1.44	24.83 -0.66 -1.14	25.94 -0.93 -0.91	27.86 -1.11 -1.83	28.85 -1.07 -2.49	28.05 -1.06 -3.85	29.34 -0.75 -7.34	30.99 -0.52 -8.95	39.08 -0.61 -11.84	42.21 -0.66 -12.99	45.83 -0.77 -15.84	45.02 -0.37 -14.74	43.92 -0.62 -9.86	34.96 -0.73 -6.55	32.56 -1.00 -1.38	25.96 -0.31 -2.05
GREENIDGE___4 23583	30.90 0.03 0.00	27.45 -0.22 0.00	25.61 -0.44 -0.03	24.13 -0.29 0.00	24.23 -0.22 0.00	23.51 -0.35 -0.50	25.36 -0.35 -0.61	24.45 -0.52 -0.35	23.32 -0.63 -1.54	24.91 -0.66 -1.22	25.94 -0.93 -0.91	27.88 -1.09 -1.83	28.85 -1.07 -2.49	28.07 -1.04 -3.85	29.34 -0.75 -7.34	30.99 -0.52 -8.95	39.25 -0.61 -12.02	42.41 -0.66 -13.18	46.04 -0.80 -16.08	45.31 -0.37 -15.03	44.10 -0.66 -10.08	35.12 -0.79 -6.77	32.65 -1.00 -1.48	26.10 -0.32 -2.19
GREENLWN_69_KV_BK 3 55738	34.21 3.33 0.00	30.80 3.13 0.00	29.02 2.84 -0.17	27.07 2.64 -0.01	27.10 2.64 -0.01	28.05 2.38 -2.31	30.56 2.64 -2.82	28.76 2.95 -1.19	34.60 2.62 -9.57	34.36 2.80 -7.22	41.05 2.88 -12.21	41.28 2.96 -11.18	41.31 3.04 -10.83	41.74 2.80 -13.66	41.97 2.59 -16.63	46.75 2.64 -21.56	53.17 3.20 -22.12	62.25 3.38 -28.99	60.94 3.60 -26.57	55.78 3.71 -21.43	54.63 3.71 -16.24	44.87 3.18 -12.56	42.09 3.64 -6.28	40.36 2.86 -13.28
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.73 2.84 -0.02	30.40 2.71 -0.02	28.67 2.47 -0.18	26.76 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.30	30.17 2.26 -2.81	31.34 2.36 -4.36	33.05 2.15 -8.48	45.80 2.34 -19.13	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.32 2.92 -24.55	79.57 3.14 -46.55	60.60 3.26 -26.57	55.31 3.22 -21.44	54.41 3.50 -16.23	47.93 2.88 -15.90	42.21 3.09 -6.95	36.82 2.47 -10.12
GRISSOM___SOLAR 323813	33.06 2.19 0.00	29.58 1.91 0.00	28.02 1.77 -0.23	26.04 1.61 0.00	26.11 1.66 0.00	28.03 1.45 -3.23	30.57 1.53 -3.94	28.45 1.58 -2.25	33.79 1.44 -9.94	33.79 1.56 -7.89	33.49 1.61 -5.92	32.93 1.63 -4.15	34.16 1.59 -5.14	35.33 1.36 -8.70	40.49 1.25 -16.50	42.63 1.17 -18.90	47.15 1.56 -17.75	51.31 1.88 -19.55	57.39 2.15 -24.47	62.60 2.30 -29.66	60.01 2.60 -22.73	53.35 1.98 -22.23	43.91 2.19 -9.55	39.91 1.55 -14.13
GROVEVILLE___HYD 323602	33.15 2.28 0.00	29.85 2.19 0.00	28.19 2.00 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.32 1.66 -2.31	29.70 1.78 -2.81	28.22 1.99 -1.61	31.31 1.79 -7.10	31.93 1.95 -5.64	32.22 2.02 -4.24	32.21 2.09 -2.98	33.20 2.08 -3.69	33.45 1.95 -6.24	36.38 1.82 -11.82	45.37 1.92 -20.90	51.96 2.37 -21.75	60.32 2.51 -27.93	59.74 2.68 -26.30	54.77 2.67 -21.45	53.80 2.88 -16.25	47.35 2.33 -15.89	41.57 2.57 -6.83	36.34 2.01 -10.10
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.87 0.00 0.00	27.58 -0.08 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.28 -0.30 -0.22	25.03 -0.35 -0.27	24.19 -0.59 -0.16	22.52 -0.58 -0.69	24.31 -0.58 -0.55	25.71 -0.73 -0.48	26.67 -0.81 -0.34	27.00 -0.85 -0.42	25.24 -0.73 -0.71	23.54 -0.55 -1.35	23.67 -0.45 -1.57	28.46 -0.64 -1.26	30.56 -0.72 -1.40	31.82 -0.68 -1.73	32.16 -0.55 -2.06	35.70 -0.55 -1.58	30.16 -0.52 -1.55	32.16 -0.68 -0.66	24.99 -0.22 -0.98
HAMLTNNY_34_KV_TB 80303	30.78 -0.09 0.00	27.47 -0.19 0.00	25.75 -0.29 -0.02	24.23 -0.20 0.00	24.30 -0.15 0.00	23.27 -0.33 -0.24	24.99 -0.40 -0.29	24.12 -0.66 -0.16	22.49 -0.65 -0.72	24.26 -0.66 -0.57	25.63 -0.83 -0.50	26.58 -0.92 -0.35	26.88 -0.99 -0.44	25.15 -0.86 -0.74	23.53 -0.61 -1.40	23.67 -0.52 -1.63	28.41 -0.75 -1.32	30.48 -0.87 -1.47	31.75 -0.83 -1.81	32.10 -0.70 -2.16	35.64 -0.69 -1.66	30.11 -0.64 -1.62	32.06 -0.80 -0.70	24.99 -0.27 -1.03

HAMPSHIRE___PAPER_HYD 323593	30.04 -0.83 0.00	26.86 -0.80 0.00	25.29 -0.73 0.00	23.72 -0.71 0.00	23.72 -0.73 0.00	22.66 -0.77 -0.07	24.16 -1.03 -0.09	23.71 -0.96 -0.05	21.74 -0.90 -0.23	23.62 -0.90 -0.18	25.13 -0.96 -0.13	26.21 -1.03 -0.09	26.39 -1.15 -0.12	24.33 -1.14 -0.20	22.07 -1.05 -0.37	21.90 -1.08 -0.43	27.00 -1.25 -0.41	29.05 -1.28 -0.46	30.10 -1.23 -0.56	30.19 -1.13 -0.67	33.95 -1.25 -0.52	28.65 -0.99 -0.50	31.23 -1.16 -0.22	23.58 -0.97 -0.32
HARDSCRABBLE_WT_PWR 323673	30.96 0.09 0.00	27.78 0.11 0.00	26.10 0.08 0.00	24.50 0.07 0.00	24.50 0.05 0.00	23.31 -0.05 0.00	24.98 -0.12 0.00	24.45 -0.17 0.00	22.23 -0.18 0.00	24.17 -0.17 0.00	25.78 -0.18 0.00	26.98 -0.16 0.00	27.27 -0.16 0.00	25.14 -0.13 0.00	22.67 -0.07 0.00	22.46 -0.09 0.00	27.73 -0.11 0.00	29.70 -0.18 0.00	30.55 -0.21 0.00	30.46 -0.18 0.00	34.40 -0.28 0.00	28.87 -0.26 0.00	31.88 -0.29 0.00	24.08 -0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.00 2.13 0.00	29.72 2.05 0.00	28.02 1.85 -0.15	26.16 1.73 0.00	26.18 1.74 0.00	27.06 1.54 -2.16	29.42 1.68 -2.64	28.02 1.90 -1.50	30.77 1.70 -6.65	31.47 1.85 -5.28	31.88 1.95 -3.97	31.94 2.01 -2.79	32.88 2.00 -3.45	33.00 1.89 -5.84	35.59 1.77 -11.07	43.86 1.85 -19.46	50.34 2.28 -20.21	58.26 2.45 -25.93	57.80 2.55 -24.48	53.30 2.57 -20.08	52.63 2.74 -15.21	46.22 2.21 -14.87	41.01 2.45 -6.39	35.62 1.94 -9.45
HARSNRAD_115KV_TB1 81005	29.05 -1.82 0.00	25.48 -2.19 0.00	23.75 -2.29 -0.03	22.42 -2.00 0.00	22.59 -1.86 0.00	22.05 -1.66 -0.36	23.86 -1.68 -0.43	22.75 -2.12 -0.25	21.38 -2.13 -1.10	22.95 -2.26 -0.87	23.95 -2.73 -0.71	24.15 -2.85 0.14	24.20 -2.93 0.30	22.38 -2.58 0.31	20.22 -1.91 0.61	20.00 -1.62 0.92	22.46 -2.48 2.91	23.78 -2.96 3.14	24.07 -2.92 3.77	25.53 -2.82 2.29	30.68 -2.95 1.05	27.02 -2.77 -0.65	29.78 -3.44 -1.05	24.11 -1.67 -1.56
HARZA MOOSE___RIVER 24016	31.21 0.34 0.00	27.92 0.25 0.00	26.23 0.21 -0.01	24.62 0.20 0.00	24.69 0.24 0.00	23.55 0.12 -0.08	25.10 -0.10 -0.10	24.55 -0.12 -0.05	22.54 -0.11 -0.24	24.48 -0.05 -0.19	26.07 -0.05 -0.17	27.18 -0.08 -0.12	27.36 -0.22 -0.15	25.24 -0.28 -0.25	23.03 -0.18 -0.47	22.94 -0.16 -0.55	28.14 -0.14 -0.44	30.31 -0.06 -0.49	31.40 0.03 -0.60	31.48 0.12 -0.72	35.30 0.07 -0.55	29.76 0.09 -0.54	32.37 -0.03 -0.23	24.62 0.05 -0.34
HDSNBRDG_115KV_BRDG_TB1 355580	30.81 -0.06 0.00	27.53 -0.14 0.00	25.83 -0.21 -0.02	24.28 -0.15 0.00	24.33 -0.12 0.00	23.26 -0.33 -0.23	25.03 -0.35 -0.28	24.21 -0.57 -0.16	22.55 -0.56 -0.70	24.31 -0.58 -0.55	25.73 -0.70 -0.48	26.69 -0.79 -0.34	27.02 -0.82 -0.42	25.24 -0.73 -0.70	23.55 -0.52 -1.33	23.68 -0.43 -1.55	28.53 -0.58 -1.27	30.61 -0.69 -1.41	31.87 -0.65 -1.74	32.21 -0.52 -2.08	35.72 -0.55 -1.59	30.17 -0.52 -1.56	32.17 -0.68 -0.67	25.00 -0.22 -0.99
HELLGATE_13_KV_LD 55870	33.66 2.78 -0.02	30.34 2.66 -0.02	28.62 2.42 -0.18	26.69 2.25 -0.02	26.71 2.25 -0.02	27.67 2.01 -2.30	30.12 2.21 -2.81	31.42 2.44 -4.36	33.10 2.20 -8.48	36.03 2.39 -9.31	39.34 2.52 -10.86	45.68 2.61 -15.93	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.95 -24.55	79.60 3.17 -46.55	60.60 3.26 -26.57	55.31 3.22 -21.44	54.38 3.47 -16.23	47.85 2.83 -15.89	42.10 3.09 -6.84	36.76 2.42 -10.11
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.66 2.78 -0.02	30.34 2.66 -0.02	28.62 2.42 -0.18	26.69 2.25 -0.02	26.71 2.25 -0.02	27.67 2.01 -2.30	30.12 2.21 -2.81	31.42 2.44 -4.36	33.10 2.20 -8.48	36.03 2.39 -9.31	39.34 2.52 -10.86	45.68 2.61 -15.93	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.95 -24.55	79.60 3.17 -46.55	60.60 3.26 -26.57	55.31 3.22 -21.44	54.38 3.47 -16.23	47.85 2.83 -15.89	42.10 3.09 -6.84	36.76 2.42 -10.11
HEMPSTEAD____ 23647	33.84 2.96 -0.01	30.47 2.79 -0.01	28.74 2.55 -0.17	26.80 2.37 -0.01	26.83 2.37 -0.01	27.80 2.13 -2.32	30.29 2.36 -2.83	28.98 2.61 -1.75	34.18 2.31 -9.46	34.11 2.53 -7.24	40.84 2.67 -12.21	41.09 2.77 -11.18	41.12 2.85 -10.83	41.58 2.65 -13.66	41.85 2.48 -16.63	46.63 2.53 -21.55	53.12 3.12 -22.16	62.16 3.29 -29.00	60.78 3.38 -26.63	55.55 3.40 -21.51	54.56 3.61 -16.28	48.00 2.94 -15.92	42.33 3.31 -6.85	40.12 2.59 -13.30
HICKLING___1 23621	30.96 0.09 0.00	27.45 -0.22 0.00	25.52 -0.55 -0.04	24.13 -0.29 0.00	24.20 -0.24 0.00	23.50 -0.47 -0.61	25.42 -0.43 -0.74	24.45 -0.59 -0.42	23.59 -0.69 -1.87	25.14 -0.68 -1.48	26.13 -0.99 -1.16	27.27 -1.14 -1.27	28.12 -0.96 -1.66	26.87 -1.06 -2.66	27.06 -0.75 -5.07	28.43 -0.43 -6.31	34.74 -0.33 -7.23	37.59 -0.39 -8.10	40.09 -0.31 -9.63	40.07 -0.15 -9.58	40.69 -0.76 -6.78	33.71 -0.87 -5.45	32.78 -1.19 -1.80	26.49 -0.39 -2.66
HICKLING___2 23622	30.96 0.09 0.00	27.45 -0.22 0.00	25.52 -0.55 -0.04	24.13 -0.29 0.00	24.20 -0.24 0.00	23.50 -0.47 -0.61	25.42 -0.43 -0.74	24.45 -0.59 -0.42	23.59 -0.69 -1.87	25.14 -0.68 -1.48	26.13 -0.99 -1.16	27.27 -1.14 -1.27	28.12 -0.96 -1.66	26.87 -1.06 -2.66	27.06 -0.75 -5.07	28.43 -0.43 -6.31	34.74 -0.33 -7.23	37.59 -0.39 -8.10	40.09 -0.31 -9.63	40.07 -0.15 -9.58	40.69 -0.76 -6.78	33.71 -0.87 -5.45	32.78 -1.19 -1.80	26.49 -0.39 -2.66
HIGH FALLS___HY 23754	33.25 2.38 0.00	29.94 2.27 0.00	28.29 2.11 -0.16	26.38 1.95 0.00	26.40 1.96 0.00	27.42 1.78 -2.28	29.77 1.88 -2.79	28.35 2.14 -1.59	31.38 1.93 -7.04	32.00 2.07 -5.59	32.29 2.13 -4.20	32.29 2.13 -2.95	33.27 2.19 -3.65	33.52 2.07 -6.18	36.36 1.91 -11.71	43.89 2.01 -19.33	50.20 2.51 -19.85	57.60 2.66 -25.06	58.03 2.86 -24.40	54.79 2.94 -21.21	53.93 3.16 -16.09	47.44 2.56 -15.74	41.76 2.83 -6.76	36.46 2.23 -10.00
HIGH_RIVER___SOLAR 323847	32.35 1.48 0.00	29.00 1.33 0.00	27.49 1.25 -0.22	25.57 1.15 0.00	25.62 1.17 0.00	27.46 0.98 -3.12	29.94 1.03 -3.81	27.83 1.03 -2.18	32.93 0.90 -9.62	32.93 0.95 -7.64	32.67 0.99 -5.73	32.11 0.95 -4.02	33.34 0.93 -4.98	34.50 0.81 -8.42	39.37 0.66 -15.97	41.43 0.65 -18.23	45.81 0.86 -17.10	49.85 1.16 -18.80	55.75 1.39 -23.60	60.84 1.50 -28.69	58.37 1.70 -21.99	51.96 1.31 -21.51	42.86 1.45 -9.24	38.96 1.06 -13.67
HILLBURN___GT 23639	33.06 2.19 0.00	29.77 2.10 0.00	28.10 1.93 -0.15	26.21 1.78 0.00	26.23 1.78 0.00	27.14 1.59 -2.19	29.56 1.78 -2.67	28.17 2.02 -1.53	30.98 1.81 -6.75	31.67 1.97 -5.36	32.08 2.10 -4.02	32.14 2.17 -2.82	33.12 2.20 -3.49	33.25 2.07 -5.91	35.90 1.96 -11.20	44.34 2.03 -19.75	50.89 2.48 -20.57	58.91 2.63 -26.40	58.40 2.74 -24.89	53.75 2.73 -20.37	53.02 2.91 -15.43	46.56 2.33 -15.09	41.23 2.57 -6.48	35.85 2.04 -9.59
HILLSIDE_115KV_TB1 80332	30.65 -0.22 0.00	27.23 -0.44 0.00	25.36 -0.70 -0.04	23.96 -0.46 0.00	24.03 -0.42 0.00	23.33 -0.65 -0.63	25.27 -0.60 -0.77	24.30 -0.76 -0.44	23.52 -0.83 -1.94	25.03 -0.85 -1.54	26.04 -1.12 -1.20	27.09 -1.25 -1.20	27.94 -1.04 -1.55	26.62 -1.16 -2.51	26.68 -0.84 -4.78	27.98 -0.52 -5.95	34.00 -0.45 -6.61	36.80 -0.51 -7.43	39.14 -0.43 -8.80	39.22 -0.34 -8.92	40.10 -0.97 -6.39	33.45 -1.02 -5.33	32.72 -1.32 -1.86	26.45 -0.53 -2.76

HISHELDN_WT_PWR 323625	29.70 -1.17 0.00	26.09 -1.58 0.00	24.20 -1.85 -0.03	22.86 -1.56 0.00	23.01 -1.44 0.00	22.30 -1.52 -0.46	24.08 -1.58 -0.56	23.04 -1.90 -0.32	21.87 -1.95 -1.41	23.41 -2.04 -1.12	24.30 -2.49 -0.84	22.75 -2.80 1.60	22.30 -2.72 2.41	19.19 -2.68 3.40	14.09 -2.11 6.54	12.37 -1.83 8.36	11.06 -2.31 14.47	11.43 -2.69 15.76	9.02 -2.65 19.10	13.15 -2.45 15.04	22.34 -3.40 8.94	23.03 -3.09 3.02	30.18 -3.35 -1.35	24.53 -1.70 -2.00
HOLTSVILLE_IC_1 23690	34.71 3.83 -0.02	31.26 3.57 -0.02	29.48 3.28 -0.18	27.46 3.03 -0.01	27.46 3.01 -0.01	28.43 2.75 -2.32	30.94 3.01 -2.83	33.12 3.27 -5.23	34.99 2.91 -9.66	34.65 3.07 -7.24	41.39 3.22 -12.21	41.63 3.31 -11.18	41.55 3.29 -10.83	41.99 3.06 -13.66	42.26 2.89 -16.63	47.11 2.93 -21.63	53.61 3.59 -22.17	62.70 3.80 -29.03	61.42 3.97 -26.68	56.21 3.95 -21.61	55.20 4.23 -16.29	63.13 3.41 -30.58	45.35 3.92 -9.26	40.70 3.17 -13.30
HOLTSVILLE_IC_10 23699	34.87 3.98 -0.02	31.40 3.71 -0.02	29.58 3.38 -0.18	27.59 3.15 -0.01	27.59 3.13 -0.01	28.55 2.87 -2.32	31.07 3.14 -2.83	33.54 3.40 -5.52	35.11 3.02 -9.67	34.79 3.21 -7.24	41.54 3.37 -12.21	41.80 3.48 -11.18	41.72 3.46 -10.83	42.14 3.21 -13.66	42.40 3.02 -16.63	47.26 3.07 -21.64	53.80 3.79 -22.17	62.91 4.01 -29.03	61.67 4.22 -26.69	56.47 4.20 -21.62	55.48 4.51 -16.29	64.50 3.58 -31.78	45.75 4.12 -9.46	40.85 3.32 -13.30
HOLTSVILLE_IC_2 23691	34.71 3.83 -0.02	31.26 3.57 -0.02	29.48 3.28 -0.18	27.46 3.03 -0.01	27.46 3.01 -0.01	28.43 2.75 -2.32	30.94 3.01 -2.83	33.12 3.27 -5.23	34.99 2.91 -9.66	34.65 3.07 -7.24	41.39 3.22 -12.21	41.63 3.31 -11.18	41.55 3.29 -10.83	41.99 3.06 -13.66	42.26 2.89 -16.63	47.11 2.93 -21.63	53.61 3.59 -22.17	62.70 3.80 -29.03	61.42 3.97 -26.68	56.21 3.95 -21.61	55.20 4.23 -16.29	63.13 3.41 -30.58	45.35 3.92 -9.26	40.70 3.17 -13.30
HOLTSVILLE_IC_3 23692	34.71 3.83 -0.02	31.26 3.57 -0.02	29.48 3.28 -0.18	27.46 3.03 -0.01	27.46 3.01 -0.01	28.43 2.75 -2.32	30.94 3.01 -2.83	33.12 3.27 -5.23	34.99 2.91 -9.66	34.65 3.07 -7.24	41.39 3.22 -12.21	41.63 3.31 -11.18	41.55 3.29 -10.83	41.99 3.06 -13.66	42.26 2.89 -16.63	47.11 2.93 -21.63	53.61 3.59 -22.17	62.70 3.80 -29.03	61.42 3.97 -26.68	56.21 3.95 -21.61	55.20 4.23 -16.29	63.13 3.41 -30.58	45.35 3.92 -9.26	40.70 3.17 -13.30
HOLTSVILLE_IC_4 23693	34.71 3.83 -0.02	31.26 3.57 -0.02	29.48 3.28 -0.18	27.46 3.03 -0.01	27.46 3.01 -0.01	28.43 2.75 -2.32	30.94 3.01 -2.83	33.12 3.27 -5.23	34.99 2.91 -9.66	34.65 3.07 -7.24	41.39 3.22 -12.21	41.63 3.31 -11.18	41.55 3.29 -10.83	41.99 3.06 -13.66	42.26 2.89 -16.63	47.11 2.93 -21.63	53.61 3.59 -22.17	62.70 3.80 -29.03	61.42 3.97 -26.68	56.21 3.95 -21.61	55.20 4.23 -16.29	63.13 3.41 -30.58	45.35 3.92 -9.26	40.70 3.17 -13.30
HOLTSVILLE_IC_5 23694	34.71 3.83 -0.02	31.26 3.57 -0.02	29.48 3.28 -0.18	27.46 3.03 -0.01	27.46 3.01 -0.01	28.43 2.75 -2.32	30.94 3.01 -2.83	33.12 3.27 -5.23	34.99 2.91 -9.66	34.65 3.07 -7.24	41.39 3.22 -12.21	41.63 3.31 -11.18	41.55 3.29 -10.83	41.99 3.06 -13.66	42.26 2.89 -16.63	47.11 2.93 -21.63	53.61 3.59 -22.17	62.70 3.80 -29.03	61.42 3.97 -26.68	56.21 3.95 -21.61	55.20 4.23 -16.29	63.13 3.41 -30.58	45.35 3.92 -9.26	40.70 3.17 -13.30
HOLTSVILLE_IC_6 23695	34.87 3.98 -0.02	31.40 3.71 -0.02	29.58 3.38 -0.18	27.59 3.15 -0.01	27.59 3.13 -0.01	28.55 2.87 -2.32	31.07 3.14 -2.83	33.54 3.40 -5.52	35.11 3.02 -9.67	34.79 3.21 -7.24	41.54 3.37 -12.21	41.80 3.48 -11.18	41.72 3.46 -10.83	42.14 3.21 -13.66	42.40 3.02 -16.63	47.26 3.07 -21.64	53.80 3.79 -22.17	62.91 4.01 -29.03	61.67 4.22 -26.69	56.47 4.20 -21.62	55.48 4.51 -16.29	64.50 3.58 -31.78	45.75 4.12 -9.46	40.85 3.32 -13.30
HOLTSVILLE_IC_7 23696	34.87 3.98 -0.02	31.40 3.71 -0.02	29.58 3.38 -0.18	27.59 3.15 -0.01	27.59 3.13 -0.01	28.55 2.87 -2.32	31.07 3.14 -2.83	33.54 3.40 -5.52	35.11 3.02 -9.67	34.79 3.21 -7.24	41.54 3.37 -12.21	41.80 3.48 -11.18	41.72 3.46 -10.83	42.14 3.21 -13.66	42.40 3.02 -16.63	47.26 3.07 -21.64	53.80 3.79 -22.17	62.91 4.01 -29.03	61.67 4.22 -26.69	56.47 4.20 -21.62	55.48 4.51 -16.29	64.50 3.58 -31.78	45.75 4.12 -9.46	40.85 3.32 -13.30
HOLTSVILLE_IC_8 23697	34.87 3.98 -0.02	31.40 3.71 -0.02	29.58 3.38 -0.18	27.59 3.15 -0.01	27.59 3.13 -0.01	28.55 2.87 -2.32	31.07 3.14 -2.83	33.54 3.40 -5.52	35.11 3.02 -9.67	34.79 3.21 -7.24	41.54 3.37 -12.21	41.80 3.48 -11.18	41.72 3.46 -10.83	42.14 3.21 -13.66	42.40 3.02 -16.63	47.26 3.07 -21.64	53.80 3.79 -22.17	62.91 4.01 -29.03	61.67 4.22 -26.69	56.47 4.20 -21.62	55.48 4.51 -16.29	64.50 3.58 -31.78	45.75 4.12 -9.46	40.85 3.32 -13.30
HOLTSVILLE_IC_9 23698	34.87 3.98 -0.02	31.40 3.71 -0.02	29.58 3.38 -0.18	27.59 3.15 -0.01	27.59 3.13 -0.01	28.55 2.87 -2.32	31.07 3.14 -2.83	33.54 3.40 -5.52	35.11 3.02 -9.67	34.79 3.21 -7.24	41.54 3.37 -12.21	41.80 3.48 -11.18	41.72 3.46 -10.83	42.14 3.21 -13.66	42.40 3.02 -16.63	47.26 3.07 -21.64	53.80 3.79 -22.17	62.91 4.01 -29.03	61.67 4.22 -26.69	56.47 4.20 -21.62	55.48 4.51 -16.29	64.50 3.58 -31.78	45.75 4.12 -9.46	40.85 3.32 -13.30
HOMER_HL_115KV_TB2 355744	30.10 -0.77 0.00	26.48 -1.19 0.00	24.20 -1.85 -0.03	23.25 -1.17 0.00	23.37 -1.08 0.00	21.93 -1.87 -0.44	23.84 -1.81 -0.54	22.81 -2.12 -0.31	21.70 -2.08 -1.37	23.24 -2.19 -1.09	24.23 -2.60 -0.87	24.68 -2.88 -0.42	26.01 -1.89 -0.48	23.43 -2.70 -0.87	22.31 -2.07 -1.64	23.22 -1.17 -1.84	28.37 -0.47 -0.99	30.27 -0.75 -1.13	31.58 -0.62 -1.43	32.55 -0.52 -2.43	33.74 -2.98 -2.04	28.88 -2.77 -2.51	30.14 -3.35 -1.32	24.45 -1.72 -1.95
HOWARD_WT_PWR 323690	30.69 -0.18 0.00	27.00 -0.66 0.00	25.01 -1.04 -0.04	23.55 -0.88 0.00	23.62 -0.83 0.00	22.86 -1.03 -0.53	24.65 -1.10 -0.65	23.68 -1.31 -0.37	22.61 -1.43 -1.63	24.13 -1.51 -1.30	24.90 -2.02 -0.97	28.01 -2.31 -3.17	29.65 -2.20 -4.41	29.69 -2.27 -6.69	33.68 -1.86 -12.80	36.72 -1.58 -15.75	48.42 -1.81 -22.39	52.48 -1.91 -24.52	58.80 -1.82 -29.85	55.97 -1.53 -26.86	49.85 -2.39 -17.56	37.58 -2.22 -10.66	31.20 -2.54 -1.57	25.21 -1.33 -2.32
HQ_GEN_CEDARS 23644	30.28 -0.59 0.00	27.14 -0.53 0.00	25.58 -0.44 0.00	23.96 -0.46 0.00	23.89 -0.56 0.00	22.82 -0.54 0.00	24.48 -0.63 0.00	24.10 -0.52 0.00	21.97 -0.45 0.00	23.88 -0.46 0.00	25.49 -0.47 0.00	26.66 -0.49 0.00	26.96 -0.47 0.00	24.79 -0.48 0.00	22.20 -0.55 0.00	21.90 -0.65 0.00	27.06 -0.78 0.00	29.04 -0.84 0.00	29.84 -0.92 0.00	29.73 -0.92 0.00	33.71 -0.97 0.00	28.38 -0.76 0.00	31.43 -0.74 0.00	23.43 -0.80 0.00
HQ_GEN_CEDARS_PROXY 323590	30.28 -0.59 0.00	27.11 -0.55 0.00	25.58 -0.44 0.00	23.96 -0.46 0.00	23.89 -0.56 0.00	22.82 -0.54 0.00	24.48 -0.63 0.00	24.10 -0.52 0.00	21.97 -0.45 0.00	23.88 -0.46 0.00	25.49 -0.47 0.00	26.66 -0.49 0.00	26.96 -0.47 0.00	24.79 -0.48 0.00	22.17 -0.57 0.00	21.90 -0.65 0.00	27.06 -0.78 0.00	29.04 -0.84 0.00	29.87 -0.89 0.00	29.73 -0.92 0.00	33.74 -0.93 0.00	28.44 -0.70 0.00	31.43 -0.74 0.00	23.43 -0.80 0.00

HQ_GEN_IMPORT 323601	30.37 -0.50 0.00	27.22 -0.44 0.00	25.65 -0.36 0.00	24.06 -0.37 0.00	24.03 -0.42 0.00	22.96 -0.40 0.00	24.68 -0.43 0.00	24.25 -0.37 0.00	22.10 -0.31 0.00	24.00 -0.34 0.00	25.65 -0.31 0.00	26.82 -0.32 0.00	27.13 -0.30 0.00	24.96 -0.30 0.00	22.38 -0.36 0.00	22.12 -0.43 0.00	27.37 -0.47 0.00	29.40 -0.48 0.00	30.24 -0.52 0.00	30.09 -0.55 0.00	34.09 -0.59 0.00	28.70 -0.44 0.00	31.72 -0.45 0.00	23.72 -0.51 0.00
HQ_GEN_WHEEL 23651	30.37 -0.50 0.00	27.22 -0.44 0.00	25.65 -0.36 0.00	24.06 -0.37 0.00	24.03 -0.42 0.00	22.96 -0.40 0.00	24.68 -0.43 0.00	24.25 -0.37 0.00	22.10 -0.31 0.00	24.00 -0.34 0.00	25.65 -0.31 0.00	26.82 -0.32 0.00	27.13 -0.30 0.00	24.96 -0.30 0.00	22.38 -0.36 0.00	22.12 -0.43 0.00	27.37 -0.47 0.00	29.40 -0.48 0.00	30.24 -0.52 0.00	30.09 -0.55 0.00	34.09 -0.59 0.00	28.70 -0.44 0.00	31.72 -0.45 0.00	23.72 -0.51 0.00
HUDSON AVE_GT_3 23810	33.57 2.69 -0.01	30.23 2.55 -0.01	28.51 2.32 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.30	30.05 2.13 -2.81	30.87 2.39 -3.86	32.78 2.13 -8.23	35.30 2.31 -8.65	38.09 2.47 -9.67	43.29 2.55 -13.60	47.24 2.61 -17.21	47.23 2.43 -19.54	48.55 2.30 -23.51	56.63 2.35 -31.74	54.84 2.90 -24.10	76.20 3.05 -43.28	60.50 3.17 -26.57	55.24 3.16 -21.44	54.24 3.33 -16.23	47.76 2.74 -15.89	42.00 2.99 -6.84	36.71 2.37 -10.11
HUDSON AVE_GT_4 23540	33.57 2.69 -0.01	30.23 2.55 -0.01	28.51 2.32 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.30	30.05 2.13 -2.81	30.87 2.39 -3.86	32.78 2.13 -8.23	35.30 2.31 -8.65	38.09 2.47 -9.67	43.29 2.55 -13.60	47.24 2.61 -17.21	47.23 2.43 -19.54	48.55 2.30 -23.51	56.63 2.35 -31.74	54.84 2.90 -24.10	76.20 3.05 -43.28	60.50 3.17 -26.57	55.24 3.16 -21.44	54.24 3.33 -16.23	47.76 2.74 -15.89	42.00 2.99 -6.84	36.71 2.37 -10.11
HUDSON AVE_GT_5 23657	33.57 2.69 -0.01	30.23 2.55 -0.01	28.51 2.32 -0.18	26.59 2.15 -0.01	26.61 2.15 -0.01	27.58 1.92 -2.30	30.05 2.13 -2.81	30.87 2.39 -3.86	32.78 2.13 -8.23	35.30 2.31 -8.65	38.09 2.47 -9.67	43.29 2.55 -13.60	47.24 2.61 -17.21	47.23 2.43 -19.54	48.55 2.30 -23.51	56.63 2.35 -31.74	54.84 2.90 -24.10	76.20 3.05 -43.28	60.50 3.17 -26.57	55.24 3.16 -21.44	54.24 3.33 -16.23	47.76 2.74 -15.89	42.00 2.99 -6.84	36.71 2.37 -10.11
HUDSON_AVE_10 24168	33.51 2.62 -0.01	30.17 2.49 -0.01	28.46 2.26 -0.18	26.56 2.13 -0.01	26.59 2.13 -0.01	27.55 1.89 -2.30	30.00 2.08 -2.81	30.77 2.29 -3.86	32.69 2.04 -8.23	35.20 2.22 -8.65	37.99 2.36 -9.67	43.16 2.42 -13.60	47.10 2.47 -17.21	47.13 2.32 -19.54	48.43 2.18 -23.51	56.52 2.23 -31.74	54.70 2.76 -24.10	76.08 2.93 -43.28	60.38 3.05 -26.57	55.12 3.03 -21.44	54.13 3.22 -16.23	47.62 2.59 -15.89	41.90 2.90 -6.84	36.63 2.30 -10.11
HUDSON___115KV_TB 4 355613	32.17 1.30 0.00	29.02 1.36 0.00	27.29 1.07 -0.20	25.60 1.17 0.00	25.65 1.20 0.00	27.02 0.82 -2.84	29.38 0.80 -3.47	27.39 0.79 -1.98	31.87 0.69 -8.76	32.03 0.73 -6.96	31.88 0.70 -5.23	31.52 0.71 -3.67	32.66 0.69 -4.54	33.58 0.63 -7.68	37.87 0.57 -14.56	40.68 0.74 -17.38	45.26 0.92 -16.50	49.50 1.08 -18.55	54.36 1.20 -22.39	57.75 0.95 -26.16	55.85 1.14 -20.03	49.57 0.84 -19.59	41.49 0.90 -8.42	37.36 0.68 -12.45
HUNTER MOUNT___DRP 323613	32.26 1.39 0.00	29.11 1.44 0.00	27.18 0.96 -0.20	25.70 1.27 0.00	25.72 1.27 0.00	26.84 0.72 -2.76	29.15 0.68 -3.37	27.18 0.64 -1.92	31.50 0.58 -8.50	31.70 0.61 -6.75	31.58 0.55 -5.07	31.25 0.54 -3.56	32.33 0.49 -4.41	33.18 0.45 -7.46	37.27 0.39 -14.14	40.96 0.70 -17.71	45.78 0.89 -17.04	50.52 1.05 -19.59	54.74 1.23 -22.74	56.83 0.77 -25.42	55.09 0.97 -19.44	48.88 0.73 -19.01	41.11 0.77 -8.17	36.87 0.56 -12.08
HUNTINGTON_RES_REC 323705	34.47 3.61 0.01	31.04 3.37 0.01	29.25 3.07 -0.16	27.29 2.86 -0.01	27.29 2.83 -0.01	28.27 2.59 -2.32	30.77 2.84 -2.83	27.11 3.15 0.66	34.77 2.80 -9.55	34.55 2.97 -7.24	41.26 3.09 -12.21	41.50 3.17 -11.18	41.50 3.24 -10.83	41.91 2.98 -13.66	42.17 2.80 -16.63	46.92 2.84 -21.53	53.47 3.48 -22.15	62.58 3.67 -29.03	61.22 3.88 -26.58	56.02 3.95 -21.42	55.14 4.19 -16.27	37.42 3.35 -4.93	41.06 3.86 -5.03	40.60 3.08 -13.30
HUNTLEY___63 23557	29.26 -1.61 0.00	25.68 -1.99 0.00	23.94 -2.11 -0.03	22.59 -1.83 0.00	22.76 -1.69 0.00	22.16 -1.56 -0.37	23.97 -1.58 -0.45	22.83 -2.04 -0.26	21.51 -2.04 -1.14	23.08 -2.17 -0.90	24.10 -2.60 -0.74	24.23 -2.74 0.17	24.32 -2.77 0.34	22.40 -2.50 0.37	20.20 -1.82 0.72	19.97 -1.51 1.07	22.37 -2.26 3.22	23.68 -2.72 3.48	23.93 -2.65 4.19	25.54 -2.54 2.56	30.63 -2.84 1.20	27.10 -2.65 -0.62	29.92 -3.35 -1.09	24.27 -1.57 -1.62
HUNTLEY___64 23558	29.26 -1.61 0.00	25.68 -1.99 0.00	23.94 -2.11 -0.03	22.59 -1.83 0.00	22.76 -1.69 0.00	22.16 -1.56 -0.37	23.97 -1.58 -0.45	22.83 -2.04 -0.26	21.51 -2.04 -1.14	23.08 -2.17 -0.90	24.10 -2.60 -0.74	24.23 -2.74 0.17	24.32 -2.77 0.34	22.40 -2.50 0.37	20.20 -1.82 0.72	19.97 -1.51 1.07	22.37 -2.26 3.22	23.68 -2.72 3.48	23.93 -2.65 4.19	25.54 -2.54 2.56	30.63 -2.84 1.20	27.10 -2.65 -0.62	29.92 -3.35 -1.09	24.27 -1.57 -1.62
HUNTLEY___65 23559	29.26 -1.61 0.00	25.68 -1.99 0.00	23.94 -2.11 -0.03	22.59 -1.83 0.00	22.76 -1.69 0.00	22.16 -1.56 -0.37	23.97 -1.58 -0.45	22.83 -2.04 -0.26	21.51 -2.04 -1.14	23.08 -2.17 -0.90	24.10 -2.60 -0.74	24.23 -2.74 0.17	24.32 -2.77 0.34	22.40 -2.50 0.37	20.20 -1.82 0.72	19.97 -1.51 1.07	22.37 -2.26 3.22	23.68 -2.72 3.48	23.93 -2.65 4.19	25.54 -2.54 2.56	30.63 -2.84 1.20	27.10 -2.65 -0.62	29.92 -3.35 -1.09	24.27 -1.57 -1.62
HUNTLEY___66 23560	29.26 -1.61 0.00	25.68 -1.99 0.00	23.94 -2.11 -0.03	22.59 -1.83 0.00	22.76 -1.69 0.00	22.16 -1.56 -0.37	23.97 -1.58 -0.45	22.83 -2.04 -0.26	21.51 -2.04 -1.14	23.08 -2.17 -0.90	24.10 -2.60 -0.74	24.23 -2.74 0.17	24.32 -2.77 0.34	22.40 -2.50 0.37	20.20 -1.82 0.72	19.97 -1.51 1.07	22.37 -2.26 3.22	23.68 -2.72 3.48	23.93 -2.65 4.19	25.54 -2.54 2.56	30.63 -2.84 1.20	27.10 -2.65 -0.62	29.92 -3.35 -1.09	24.27 -1.57 -1.62
HUNTLEY___67 23561	29.23 -1.64 0.00	25.65 -2.02 0.00	23.86 -2.19 -0.03	22.57 -1.86 0.00	22.74 -1.71 0.00	22.10 -1.64 -0.38	23.93 -1.63 -0.46	22.82 -2.07 -0.26	21.49 -2.08 -1.16	23.07 -2.19 -0.92	24.06 -2.65 -0.75	23.95 -2.93 0.27	24.01 -2.93 0.49	22.01 -2.68 0.58	19.61 -2.00 1.13	19.30 -1.67 1.58	21.41 -2.37 4.07	22.63 -2.84 4.41	22.68 -2.77 5.31	24.57 -2.67 3.41	29.80 -3.12 1.76	26.61 -2.88 -0.36	29.91 -3.38 -1.12	24.25 -1.62 -1.65
HUNTLEY___68 23562	29.23 -1.64 0.00	25.65 -2.02 0.00	23.86 -2.19 -0.03	22.57 -1.86 0.00	22.74 -1.71 0.00	22.10 -1.64 -0.38	23.93 -1.63 -0.46	22.82 -2.07 -0.26	21.49 -2.08 -1.16	23.07 -2.19 -0.92	24.06 -2.65 -0.75	23.95 -2.93 0.27	24.01 -2.93 0.49	22.01 -2.68 0.58	19.61 -2.00 1.13	19.30 -1.67 1.58	21.41 -2.37 4.07	22.63 -2.84 4.41	22.68 -2.77 5.31	24.57 -2.67 3.41	29.80 -3.12 1.76	26.61 -2.88 -0.36	29.91 -3.38 -1.12	24.25 -1.62 -1.65

HYLAND___LFGE 323620	31.33 0.46 0.00	27.67 0.00 0.00	25.76 -0.29 -0.03	24.28 -0.15 0.00	24.47 0.02 0.00	23.87 0.07 -0.44	25.69 0.05 -0.54	24.61 -0.32 -0.31	23.17 -0.60 -1.36	24.64 -0.78 -1.08	25.42 -1.35 -0.81	28.83 -1.66 -3.35	30.27 -1.84 -4.68	30.66 -1.67 -7.06	35.02 -1.23 -13.51	38.23 -0.99 -16.67	50.70 -1.25 -24.11	55.07 -1.20 -26.39	62.11 -0.77 -32.11	58.83 -0.37 -28.55	52.96 -0.24 -18.52	39.53 -0.47 -10.86	32.87 -0.61 -1.31	26.24 0.07 -1.94
INDECK___CORINTH 23802	32.50 1.63 0.00	29.13 1.47 0.00	27.61 1.38 -0.21	25.65 1.22 0.00	25.69 1.25 0.00	27.44 1.05 -3.03	29.93 1.13 -3.69	27.96 1.23 -2.11	32.93 1.19 -9.33	33.08 1.34 -7.41	32.97 1.45 -5.56	32.51 1.46 -3.90	33.76 1.51 -4.83	34.77 1.34 -8.17	39.45 1.23 -15.48	41.44 1.19 -17.70	45.98 1.53 -16.61	49.82 1.67 -18.27	55.46 1.78 -22.91	60.25 1.78 -27.82	58.05 2.05 -21.33	51.51 1.51 -20.86	42.74 1.61 -8.96	38.57 1.09 -13.26
INDECK___ILION 23567	31.05 0.19 0.00	27.83 0.17 0.00	26.18 0.16 0.00	24.57 0.15 0.00	24.59 0.15 0.00	23.40 0.05 0.00	25.13 0.03 0.00	24.62 0.00 0.00	22.39 -0.02 0.00	24.34 0.00 0.00	25.96 0.00 0.00	27.15 0.00 0.00	27.43 0.00 0.00	25.27 0.00 0.00	22.79 0.05 0.00	22.60 0.05 0.00	27.90 0.06 0.00	29.91 0.03 0.00	30.80 0.03 0.00	30.68 0.03 0.00	34.68 0.00 0.00	29.11 -0.03 0.00	32.14 -0.03 0.00	24.25 0.02 0.00
INDECK___OLEAN 23982	30.10 -0.77 0.00	26.51 -1.16 0.00	24.31 -1.74 -0.03	23.25 -1.17 0.00	23.37 -1.08 0.00	21.96 -1.87 -0.48	23.88 -1.81 -0.58	22.83 -2.12 -0.33	21.77 -2.11 -1.47	23.31 -2.19 -1.16	24.23 -2.60 -0.87	24.68 -2.88 -0.42	26.04 -1.87 -0.48	23.45 -2.68 -0.87	22.31 -2.07 -1.64	23.24 -1.15 -1.84	28.54 -0.47 -1.17	30.46 -0.75 -1.33	31.79 -0.65 -1.67	32.84 -0.52 -2.71	33.75 -3.19 -2.26	28.92 -2.94 -2.73	30.23 -3.35 -1.41	24.59 -1.72 -2.08
INDECK___OSWEGO 23783	30.34 -0.52 0.00	27.14 -0.53 0.00	25.46 -0.57 -0.01	23.94 -0.49 0.00	23.98 -0.47 0.00	22.85 -0.72 -0.22	24.54 -0.83 -0.26	23.66 -1.11 -0.15	22.02 -1.05 -0.66	23.77 -1.09 -0.53	25.10 -1.25 -0.39	26.06 -1.36 -0.27	26.34 -1.43 -0.34	24.58 -1.26 -0.58	22.81 -1.02 -1.09	22.85 -0.97 -1.27	27.77 -1.28 -1.21	29.82 -1.40 -1.34	31.04 -1.38 -1.66	31.40 -1.23 -1.98	34.87 -1.32 -1.51	29.51 -1.11 -1.48	31.55 -1.26 -0.64	24.54 -0.63 -0.94
INDECK___YERKES 23781	29.26 -1.61 0.00	25.73 -1.94 0.00	23.96 -2.08 -0.03	22.62 -1.81 0.00	22.78 -1.66 0.00	22.22 -1.54 -0.40	24.01 -1.58 -0.49	22.88 -2.02 -0.28	21.61 -2.04 -1.24	23.18 -2.14 -0.98	24.12 -2.57 -0.74	24.26 -2.71 0.17	24.32 -2.77 0.34	22.43 -2.48 0.37	20.20 -1.82 0.72	19.99 -1.49 1.07	22.61 -2.20 3.04	23.88 -2.72 3.28	24.16 -2.68 3.94	25.87 -2.51 2.26	30.31 -3.40 0.97	26.86 -3.12 -0.84	30.05 -3.31 -1.19	24.44 -1.55 -1.76
INDIAN POINT_GT_1 24139	33.09 2.22 0.00	29.80 2.13 0.00	28.13 1.95 -0.16	26.23 1.81 0.00	26.26 1.81 0.00	27.23 1.59 -2.28	29.67 1.78 -2.78	28.29 2.02 -1.65	31.29 1.82 -7.06	31.97 1.97 -5.66	32.40 2.10 -4.35	32.55 2.17 -3.24	33.67 2.22 -4.02	33.90 2.10 -6.53	36.73 1.98 -12.01	45.74 2.03 -21.15	52.14 2.51 -21.80	60.90 2.63 -28.39	59.74 2.74 -26.23	54.59 2.73 -21.22	53.62 2.88 -16.06	47.18 2.33 -15.71	41.49 2.57 -6.75	36.25 2.04 -9.99
INDIAN POINT_GT_2 23659	33.09 2.22 0.00	29.80 2.13 0.00	28.13 1.95 -0.16	26.23 1.81 0.00	26.26 1.81 0.00	27.23 1.59 -2.28	29.67 1.78 -2.78	28.29 2.02 -1.65	31.29 1.82 -7.06	31.97 1.97 -5.66	32.40 2.10 -4.35	32.55 2.17 -3.24	33.67 2.22 -4.02	33.90 2.10 -6.53	36.73 1.98 -12.01	45.74 2.03 -21.15	52.14 2.51 -21.80	60.90 2.63 -28.39	59.74 2.74 -26.23	54.59 2.73 -21.22	53.62 2.88 -16.06	47.18 2.33 -15.71	41.49 2.57 -6.75	36.25 2.04 -9.99
INDIAN POINT_GT_3 24019	33.09 2.22 0.00	29.80 2.13 0.00	28.13 1.95 -0.16	26.23 1.81 0.00	26.26 1.81 0.00	27.23 1.59 -2.28	29.67 1.78 -2.78	28.29 2.02 -1.65	31.29 1.82 -7.06	31.97 1.97 -5.66	32.40 2.10 -4.35	32.55 2.17 -3.24	33.67 2.22 -4.02	33.90 2.10 -6.53	36.73 1.98 -12.01	45.74 2.03 -21.15	52.14 2.51 -21.80	60.90 2.63 -28.39	59.74 2.74 -26.23	54.59 2.73 -21.22	53.62 2.88 -16.06	47.18 2.33 -15.71	41.49 2.57 -6.75	36.25 2.04 -9.99
INDIAN POINT___2 23530	33.06 2.19 0.00	29.77 2.10 0.00	28.10 1.93 -0.16	26.21 1.78 0.00	26.23 1.78 0.00	27.18 1.57 -2.25	29.61 1.76 -2.75	28.25 1.99 -1.63	31.18 1.79 -6.97	31.88 1.95 -5.60	32.32 2.08 -4.28	32.48 2.14 -3.19	33.59 2.20 -3.96	33.75 2.05 -6.44	36.52 1.93 -11.84	45.34 2.01 -20.78	51.72 2.45 -21.42	60.36 2.60 -27.88	59.25 2.68 -25.81	54.31 2.70 -20.97	53.40 2.84 -15.88	46.96 2.30 -15.53	41.38 2.54 -6.67	36.11 2.01 -9.87
INDIAN POINT___3 23531	33.06 2.19 0.00	29.77 2.10 0.00	28.11 1.93 -0.16	26.21 1.78 0.00	26.23 1.78 0.00	27.20 1.56 -2.28	29.64 1.76 -2.78	28.26 1.99 -1.65	31.26 1.79 -7.06	31.95 1.95 -5.66	32.34 2.05 -4.34	32.48 2.12 -3.22	33.59 2.17 -4.00	33.83 2.05 -6.51	36.67 1.93 -12.00	45.68 1.98 -21.15	52.10 2.45 -21.80	60.86 2.60 -28.38	59.69 2.68 -26.24	54.54 2.67 -21.23	53.56 2.81 -16.07	47.15 2.30 -15.72	41.43 2.51 -6.75	36.20 1.99 -9.99
INGHAM_C_115KV_TB7 356103	30.90 0.03 0.00	27.70 0.03 0.00	26.04 0.03 0.00	24.45 0.02 0.00	24.45 0.00 0.00	23.26 -0.09 0.00	24.93 -0.18 0.00	24.42 -0.20 0.00	22.21 -0.20 0.00	24.12 -0.22 0.00	25.75 -0.21 0.00	26.93 -0.22 0.00	27.21 -0.22 0.00	25.09 -0.18 0.00	22.63 -0.11 0.00	22.42 -0.14 0.00	27.68 -0.17 0.00	29.64 -0.24 0.00	30.52 -0.25 0.00	30.40 -0.25 0.00	34.37 -0.31 0.00	28.84 -0.29 0.00	31.85 -0.32 0.00	24.03 -0.19 0.00
IP CORINTH___1 23988	32.51 1.64 0.00	29.13 1.47 0.00	27.61 1.38 -0.21	25.65 1.22 0.00	25.70 1.25 0.00	27.43 1.05 -3.02	29.92 1.13 -3.69	27.96 1.23 -2.11	32.91 1.19 -9.31	33.07 1.34 -7.39	32.97 1.45 -5.56	32.51 1.47 -3.90	33.76 1.51 -4.83	34.77 1.34 -8.17	39.45 1.23 -15.48	41.44 1.20 -17.70	45.95 1.53 -16.58	49.79 1.67 -18.24	55.43 1.78 -22.87	60.21 1.78 -27.78	58.05 2.08 -21.29	51.50 1.54 -20.82	42.73 1.61 -8.95	38.55 1.09 -13.24
IP___TICONDEROGA 23804	33.46 2.59 0.00	29.94 2.27 0.00	28.34 2.11 -0.21	26.26 1.83 0.00	26.36 1.91 0.00	28.04 1.66 -3.02	30.55 1.76 -3.69	28.65 1.92 -2.10	33.55 1.84 -9.30	33.80 2.07 -7.39	33.71 2.21 -5.55	33.29 2.25 -3.89	34.56 2.30 -4.82	35.40 1.97 -8.16	40.03 1.82 -15.47	42.00 1.76 -17.69	46.73 2.31 -16.57	50.72 2.60 -18.24	56.46 2.83 -22.86	61.28 2.88 -27.76	59.28 3.33 -21.27	52.39 2.45 -20.80	43.68 2.57 -8.94	39.15 1.70 -13.22
ISLIP_RES_REC 323679	34.99 4.11 -0.02	31.51 3.82 -0.02	29.69 3.49 -0.18	27.68 3.25 -0.01	27.68 3.23 -0.01	28.62 2.94 -2.32	31.17 3.24 -2.83	33.31 3.49 -5.19	35.19 3.11 -9.66	34.89 3.31 -7.24	41.67 3.50 -12.21	41.93 3.61 -11.18	41.86 3.59 -10.83	42.24 3.31 -13.66	42.51 3.14 -16.63	47.38 3.20 -21.63	53.97 3.95 -22.17	63.09 4.18 -29.03	61.85 4.40 -26.68	56.64 4.38 -21.61	55.68 4.72 -16.29	63.26 3.76 -30.36	45.68 4.28 -9.22	40.97 3.44 -13.30

JAMAICA__27_KV_LOAD 355505	33.88 2.99 -0.01	30.50 2.82 -0.01	28.77 2.58 -0.18	26.83 2.39 -0.01	26.86 2.40 -0.01	27.81 2.15 -2.30	30.27 2.36 -2.81	30.80 2.31 -3.86	32.62 1.97 -8.23	35.13 2.14 -8.65	37.86 2.23 -9.67	41.09 2.25 -11.69	38.13 2.30 -8.40	38.55 2.17 -11.11	38.55 2.05 -13.76	46.24 2.12 -21.56	52.57 2.62 -22.11	61.64 2.78 -28.98	60.38 3.05 -26.57	55.21 3.13 -21.44	54.34 3.43 -16.23	47.50 2.48 -15.89	42.03 3.02 -6.84	36.68 2.35 -10.11
JANIS__SOLAR 323808	32.26 1.39 0.00	28.72 1.05 0.00	26.90 0.83 -0.05	25.30 0.88 0.00	25.43 0.98 0.00	24.78 0.75 -0.68	26.63 0.70 -0.82	25.68 0.59 -0.47	24.90 0.40 -2.08	26.33 0.34 -1.65	27.43 0.23 -1.24	28.37 0.16 -1.06	28.94 0.17 -1.34	27.51 0.03 -2.22	27.16 0.20 -4.21	28.20 0.41 -5.24	34.13 0.70 -5.59	37.13 0.93 -6.33	39.40 1.17 -7.46	39.87 1.35 -7.88	41.72 1.25 -5.80	35.22 0.90 -5.18	34.94 0.77 -2.00	28.05 0.87 -2.96
JARVIS____ 23743	31.06 0.19 0.00	27.86 0.20 0.00	26.20 0.18 0.00	24.60 0.17 0.00	24.62 0.17 0.00	23.45 0.09 0.00	25.20 0.10 0.00	24.69 0.07 0.00	22.46 0.04 0.00	24.39 0.05 0.00	26.01 0.05 0.00	27.20 0.05 0.00	27.48 0.05 0.00	25.32 0.05 0.00	22.81 0.07 0.00	22.64 0.09 0.00	27.93 0.08 0.00	29.97 0.09 0.00	30.86 0.09 0.00	30.77 0.12 0.00	34.78 0.10 0.00	29.22 0.09 0.00	32.24 0.06 0.00	24.35 0.12 0.00
JENNISON____1 23625	32.41 1.54 0.00	28.91 1.25 0.00	27.09 1.01 -0.06	25.48 1.05 0.00	25.60 1.15 0.00	25.10 0.91 -0.83	27.00 0.88 -1.02	26.04 0.84 -0.58	25.68 0.69 -2.57	27.11 0.73 -2.04	28.25 0.73 -1.57	28.98 0.73 -1.10	29.61 0.82 -1.36	28.15 0.58 -2.30	27.81 0.70 -4.37	28.82 0.83 -5.44	34.13 1.17 -5.12	37.07 1.31 -5.87	39.09 1.48 -6.84	39.89 1.56 -7.68	41.94 1.39 -5.87	35.99 1.11 -5.74	35.67 1.03 -2.47	28.92 1.04 -3.65
JENNISON____2 23626	32.41 1.54 0.00	28.91 1.25 0.00	27.09 1.01 -0.06	25.48 1.05 0.00	25.60 1.15 0.00	25.10 0.91 -0.83	27.00 0.88 -1.02	26.04 0.84 -0.58	25.68 0.69 -2.57	27.11 0.73 -2.04	28.25 0.73 -1.57	28.98 0.73 -1.10	29.61 0.82 -1.36	28.15 0.58 -2.30	27.81 0.70 -4.37	28.82 0.83 -5.44	34.13 1.17 -5.12	37.07 1.31 -5.87	39.09 1.48 -6.84	39.89 1.56 -7.68	41.94 1.39 -5.87	35.99 1.11 -5.74	35.67 1.03 -2.47	28.92 1.04 -3.65
JERICOHO_RISE_WT_PWR 323719	30.34 -0.52 0.00	27.20 -0.47 0.00	25.63 -0.39 0.00	24.01 -0.42 0.00	23.96 -0.49 0.00	22.91 -0.44 0.00	24.63 -0.48 0.00	24.28 -0.34 0.00	22.15 -0.27 0.00	24.07 -0.27 0.00	25.70 -0.26 0.00	26.85 -0.30 0.00	27.10 -0.33 0.00	24.89 -0.38 0.00	22.26 -0.48 0.00	21.94 -0.61 0.00	27.04 -0.81 0.00	28.98 -0.90 0.00	29.78 -0.99 0.00	29.63 -1.01 0.00	33.53 -1.01 0.00	28.20 -0.93 0.00	31.11 -1.06 0.00	23.14 -1.09 0.00
KATONAH__115KV_46KV_TB4 355592	33.22 2.35 0.00	29.91 2.24 0.00	28.21 2.03 -0.17	26.31 1.88 0.00	26.36 1.91 0.00	27.40 1.71 -2.33	29.83 1.88 -2.85	28.34 2.09 -1.63	31.51 1.91 -7.19	32.14 2.09 -5.71	32.51 2.26 -4.29	32.49 2.33 -3.01	33.57 2.41 -3.73	33.83 2.25 -6.31	36.87 2.16 -11.96	46.19 2.19 -21.45	52.91 2.70 -22.37	61.57 2.87 -28.82	60.68 2.95 -26.96	55.31 2.94 -21.73	54.24 3.12 -16.44	47.72 2.51 -16.08	41.81 2.73 -6.91	36.58 2.13 -10.22
KCE_NY_1 323755	32.54 1.67 0.00	29.16 1.49 0.00	27.64 1.40 -0.21	25.69 1.27 0.00	25.74 1.29 0.00	27.48 1.10 -3.02	29.97 1.18 -3.69	27.96 1.23 -2.10	32.86 1.14 -9.30	33.02 1.29 -7.39	32.85 1.35 -5.54	32.42 1.38 -3.89	33.67 1.43 -4.82	34.70 1.29 -8.15	39.37 1.18 -15.45	41.40 1.17 -17.67	45.91 1.47 -16.59	49.72 1.58 -18.26	55.30 1.66 -22.88	60.06 1.65 -27.76	57.86 1.91 -21.28	51.40 1.46 -20.81	42.69 1.58 -8.94	38.57 1.12 -13.23
KCE_NY_6_ESR 323823	29.60 -1.27 0.00	26.01 -1.66 0.00	24.10 -1.95 -0.03	22.81 -1.61 0.00	22.96 -1.49 0.00	22.19 -1.59 -0.43	24.02 -1.61 -0.52	22.92 -1.99 -0.30	21.71 -2.02 -1.31	23.24 -2.14 -1.04	24.17 -2.57 -0.78	24.02 -2.85 0.28	24.26 -2.66 0.51	22.01 -2.65 0.60	19.56 -2.00 1.18	19.35 -1.56 1.65	21.88 -1.95 4.02	23.14 -2.39 4.35	23.20 -2.34 5.23	25.19 -2.18 3.28	29.72 -3.36 1.59	26.66 -3.09 -0.61	30.12 -3.31 -1.26	24.50 -1.60 -1.87
KEDC_PORT_JEFF_GT2 24210	34.81 3.92 -0.02	31.34 3.65 -0.02	29.56 3.36 -0.19	27.54 3.10 -0.01	27.56 3.11 -0.01	28.50 2.83 -2.32	31.02 3.09 -2.83	33.92 3.35 -5.96	35.07 2.98 -9.68	34.74 3.16 -7.24	41.52 3.35 -12.21	41.74 3.42 -11.18	41.69 3.43 -10.83	42.09 3.16 -13.66	42.38 3.00 -16.63	47.24 3.04 -21.64	53.77 3.76 -22.17	62.79 3.88 -29.03	61.52 4.06 -26.70	56.36 4.08 -21.64	55.31 4.33 -16.29	66.29 3.55 -33.60	46.02 4.09 -9.76	40.80 3.27 -13.30
KEDC_PORT_JEFF_GT3 24211	34.81 3.92 -0.02	31.34 3.65 -0.02	29.56 3.36 -0.19	27.54 3.10 -0.01	27.56 3.11 -0.01	28.50 2.83 -2.32	31.02 3.09 -2.83	33.92 3.35 -5.96	35.07 2.98 -9.68	34.74 3.16 -7.24	41.52 3.35 -12.21	41.74 3.42 -11.18	41.69 3.43 -10.83	42.09 3.16 -13.66	42.38 3.00 -16.63	47.24 3.04 -21.64	53.77 3.76 -22.17	62.79 3.88 -29.03	61.52 4.06 -26.70	56.36 4.08 -21.64	55.31 4.33 -16.29	66.29 3.55 -33.60	46.02 4.09 -9.76	40.80 3.27 -13.30
KEDC_GLWD_GT4 24219	33.75 2.87 -0.01	30.39 2.71 -0.01	28.66 2.47 -0.17	26.73 2.30 -0.01	26.75 2.30 -0.01	27.73 2.06 -2.32	30.21 2.28 -2.83	28.90 2.54 -1.75	34.06 2.26 -9.38	34.04 2.46 -7.24	40.79 2.62 -12.21	41.04 2.71 -11.18	41.06 2.80 -10.83	41.53 2.60 -13.66	41.81 2.43 -16.63	46.62 2.53 -21.54	53.00 3.01 -22.15	62.03 3.17 -28.98	60.69 3.29 -26.62	55.43 3.28 -21.51	54.46 3.50 -16.28	47.94 2.89 -15.92	42.23 3.22 -6.84	40.05 2.52 -13.30
KEDC_GLWD_GT5 24220	33.75 2.87 -0.01	30.39 2.71 -0.01	28.66 2.47 -0.17	26.73 2.30 -0.01	26.75 2.30 -0.01	27.73 2.06 -2.32	30.21 2.28 -2.83	28.90 2.54 -1.75	34.06 2.26 -9.38	34.04 2.46 -7.24	40.79 2.62 -12.21	41.04 2.71 -11.18	41.06 2.80 -10.83	41.53 2.60 -13.66	41.81 2.43 -16.63	46.62 2.53 -21.54	53.00 3.01 -22.15	62.03 3.17 -28.98	60.69 3.29 -26.62	55.43 3.28 -21.51	54.46 3.50 -16.28	47.94 2.89 -15.92	42.23 3.22 -6.84	40.05 2.52 -13.30
KENSICO____ 23655	33.19 2.32 0.00	29.91 2.24 0.00	28.21 2.03 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.32 1.66 -2.30	29.77 1.86 -2.81	28.42 2.12 -1.68	31.42 1.88 -7.12	32.12 2.04 -5.73	32.56 2.18 -4.42	32.74 2.25 -3.34	33.88 2.30 -4.15	34.12 2.17 -6.68	36.98 2.05 -12.19	46.10 2.10 -21.45	52.48 2.59 -22.05	61.45 2.75 -28.82	60.10 2.83 -26.50	54.86 2.82 -21.40	53.86 2.98 -16.20	47.40 2.42 -15.84	41.65 2.67 -6.81	36.40 2.11 -10.07
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.18 2.32 0.00	29.85 2.19 0.00	28.18 2.00 -0.16	26.33 1.91 0.00	26.36 1.91 0.00	27.23 1.68 -2.20	29.56 1.78 -2.68	28.17 2.02 -1.53	30.99 1.82 -6.76	31.66 1.95 -5.37	31.99 2.00 -4.04	32.04 2.06 -2.83	33.00 2.06 -3.51	33.12 1.92 -5.94	35.79 1.80 -11.26	43.32 1.89 -18.87	49.64 2.37 -19.43	57.05 2.54 -24.63	57.30 2.74 -23.80	53.79 2.76 -20.39	53.13 2.98 -15.47	46.68 2.42 -15.12	41.34 2.67 -6.50	35.92 2.08 -9.61

KIAC_JFK_GT1 23816	33.72 2.84 -0.01	30.37 2.68 -0.01	28.64 2.45 -0.18	26.71 2.27 -0.01	26.73 2.27 -0.01	27.69 2.03 -2.30	30.15 2.23 -2.81	30.65 2.17 -3.86	32.51 1.86 -8.23	34.98 2.00 -8.65	37.73 2.10 -9.67	40.90 2.06 -11.69	37.94 2.11 -8.40	38.37 2.00 -11.11	38.37 1.86 -13.76	46.01 1.89 -21.56	52.30 2.34 -22.11	61.31 2.45 -28.98	60.07 2.74 -26.57	54.91 2.82 -21.44	54.03 3.12 -16.23	47.24 2.21 -15.89	41.84 2.83 -6.84	36.54 2.20 -10.11
KIAC_JFK_GT2 23817	33.72 2.84 -0.01	30.37 2.68 -0.01	28.64 2.45 -0.18	26.71 2.27 -0.01	26.73 2.27 -0.01	27.69 2.03 -2.30	30.15 2.23 -2.81	30.65 2.17 -3.86	32.51 1.86 -8.23	34.98 2.00 -8.65	37.73 2.10 -9.67	40.90 2.06 -11.69	37.94 2.11 -8.40	38.37 2.00 -11.11	38.37 1.86 -13.76	46.01 1.89 -21.56	52.30 2.34 -22.11	61.31 2.45 -28.98	60.07 2.74 -26.57	54.91 2.82 -21.44	54.03 3.12 -16.23	47.24 2.21 -15.89	41.84 2.83 -6.84	36.54 2.20 -10.11
KIAC_JFK____ 323774	33.72 2.84 -0.02	30.37 2.68 -0.02	28.64 2.45 -0.18	26.71 2.27 -0.02	26.74 2.27 -0.02	27.70 2.03 -2.31	30.15 2.23 -2.82	30.65 2.17 -3.87	32.52 1.86 -8.25	35.00 2.00 -8.66	37.73 2.10 -9.67	40.90 2.06 -11.69	37.94 2.11 -8.40	38.37 2.00 -11.11	38.37 1.87 -13.76	46.01 1.89 -21.56	52.33 2.34 -22.14	61.37 2.48 -29.02	59.99 2.61 -26.61	54.90 2.76 -21.49	54.00 3.05 -16.27	47.25 2.19 -15.93	41.85 2.83 -6.85	36.56 2.20 -10.13
KINTIGH__24_KV_GSU 356498	29.26 -1.61 0.00	25.79 -1.88 0.00	24.14 -1.90 -0.02	22.72 -1.71 0.00	22.88 -1.57 0.00	22.45 -1.26 -0.36	24.31 -1.23 -0.44	23.22 -1.65 -0.25	21.83 -1.68 -1.10	23.44 -1.78 -0.87	24.46 -2.15 -0.65	24.78 -2.42 -0.05	24.67 -2.74 0.02	23.19 -2.17 -0.09	21.31 -1.59 -0.16	21.11 -1.49 -0.05	24.21 -2.42 1.21	25.70 -2.90 1.28	26.32 -2.92 1.52	27.49 -2.79 0.37	32.17 -2.74 -0.24	27.88 -2.56 -1.30	30.53 -2.70 -1.06	24.55 -1.23 -1.56
KINTIGH____ 23543	29.26 -1.61 0.00	25.79 -1.88 0.00	24.17 -1.87 -0.02	22.72 -1.71 0.00	22.88 -1.56 0.00	22.42 -1.26 -0.32	24.27 -1.23 -0.39	23.20 -1.65 -0.23	21.73 -1.68 -1.00	23.35 -1.78 -0.79	24.46 -2.15 -0.65	24.78 -2.42 -0.05	24.67 -2.74 0.02	23.19 -2.17 -0.09	21.31 -1.59 -0.16	21.11 -1.49 -0.05	23.99 -2.45 1.40	25.49 -2.90 1.50	26.12 -2.86 1.78	27.17 -2.79 0.68	32.18 -2.50 0.00	27.88 -2.33 -1.07	30.43 -2.70 -0.96	24.41 -1.24 -1.41
KNTFSRNC_46_KV_46KV_LOAD 80397	30.90 0.03 0.00	27.72 0.06 0.00	26.07 0.05 0.00	24.43 0.00 0.00	24.35 -0.10 0.00	23.29 -0.07 0.00	25.05 -0.05 0.00	24.67 0.05 0.00	22.50 0.09 0.00	24.49 0.15 0.00	26.11 0.16 0.00	27.25 0.11 0.00	27.54 0.11 0.00	25.27 0.00 0.00	22.60 -0.14 0.00	22.28 -0.27 0.00	27.45 -0.39 0.00	29.34 -0.54 0.00	30.18 -0.58 0.00	30.09 -0.55 0.00	34.02 -0.66 0.00	28.58 -0.55 0.00	31.59 -0.58 0.00	23.48 -0.75 0.00
LACHUTE____HYDRO 323717	33.46 2.59 0.00	29.94 2.27 0.00	28.34 2.11 -0.21	26.26 1.83 0.00	26.36 1.91 0.00	28.04 1.66 -3.02	30.55 1.76 -3.69	28.65 1.92 -2.11	33.57 1.84 -9.32	33.81 2.07 -7.40	33.71 2.21 -5.55	33.29 2.25 -3.89	34.56 2.30 -4.82	35.40 1.97 -8.16	40.03 1.82 -15.47	42.00 1.76 -17.69	46.75 2.31 -16.60	50.74 2.60 -18.27	56.49 2.83 -22.90	61.32 2.88 -27.80	59.28 3.30 -21.31	52.42 2.45 -20.84	43.70 2.57 -8.95	39.17 1.70 -13.24
LAWRNCV_115KV_TB1 80681	29.73 -1.14 0.00	26.64 -1.02 0.00	25.11 -0.91 0.00	23.52 -0.90 0.00	23.45 -1.00 0.00	22.40 -0.96 0.00	24.00 -1.10 0.00	23.64 -0.98 0.00	21.54 -0.87 0.00	23.42 -0.92 0.00	25.00 -0.96 0.00	26.14 -1.00 0.00	26.41 -1.01 0.00	24.28 -0.99 0.00	21.72 -1.02 0.00	21.42 -1.13 0.00	26.48 -1.36 0.00	28.42 -1.46 0.00	29.26 -1.51 0.00	29.17 -1.47 0.00	33.05 -1.63 0.00	27.85 -1.28 0.00	30.85 -1.32 0.00	22.94 -1.28 0.00
LEDERLE____ 23769	33.15 2.28 0.00	29.85 2.19 0.00	28.18 2.00 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.24 1.66 -2.22	29.65 1.83 -2.71	28.24 2.07 -1.55	31.12 1.86 -6.85	31.80 2.02 -5.44	32.20 2.15 -4.09	32.24 2.23 -2.87	33.23 2.25 -3.55	33.40 2.12 -6.01	36.12 1.98 -11.40	44.80 2.05 -20.20	51.40 2.53 -21.02	59.58 2.69 -27.01	58.97 2.80 -25.40	54.12 2.79 -20.68	53.32 2.98 -15.66	46.87 2.42 -15.31	41.42 2.67 -6.58	36.07 2.11 -9.73
LIGHTHSE_115KV_TB6 355974	30.75 -0.12 0.00	27.47 -0.19 0.00	25.80 -0.23 -0.01	24.23 -0.20 0.00	24.28 -0.17 0.00	23.10 -0.42 -0.17	24.76 -0.55 -0.21	23.97 -0.76 -0.12	22.19 -0.74 -0.52	24.07 -0.68 -0.41	25.53 -0.80 -0.37	26.51 -0.90 -0.26	26.79 -0.96 -0.32	24.91 -0.91 -0.55	23.08 -0.70 -1.04	23.13 -0.63 -1.21	27.95 -0.84 -0.95	30.03 -0.90 -1.05	31.26 -0.80 -1.29	31.58 -0.61 -1.55	35.17 -0.69 -1.18	29.71 -0.58 -1.16	31.99 -0.68 -0.50	24.70 -0.27 -0.74
LINDEN COGEN____ 23786	33.35 2.47 -0.01	30.06 2.38 -0.01	28.35 2.16 -0.18	26.44 2.00 -0.01	26.47 2.01 -0.01	27.44 1.77 -2.31	29.90 1.98 -2.82	30.78 2.29 -3.87	32.70 2.04 -8.25	34.21 2.19 -7.68	37.89 2.34 -9.60	42.63 2.42 -13.07	47.08 2.44 -17.21	47.11 2.30 -19.54	48.41 2.16 -23.51	56.50 2.21 -31.74	54.67 2.70 -24.13	76.06 2.87 -43.31	60.33 2.95 -26.61	55.08 2.94 -21.49	54.07 3.12 -16.27	47.62 2.56 -15.92	41.87 2.86 -6.84	36.61 2.25 -10.13
LINDHRST_69_KV_BK1 356055	34.55 3.67 -0.01	31.11 3.43 -0.01	29.31 3.12 -0.17	27.34 2.91 -0.01	27.34 2.88 -0.01	28.31 2.64 -2.31	30.81 2.89 -2.82	29.84 3.13 -2.09	34.77 2.80 -9.56	34.61 3.04 -7.22	41.39 3.22 -12.21	41.64 3.31 -11.18	41.61 3.35 -10.83	42.06 3.13 -13.66	42.31 2.93 -16.63	47.08 2.95 -21.57	53.65 3.68 -22.13	62.72 3.85 -28.99	61.42 4.06 -26.59	56.19 4.08 -21.47	55.29 4.37 -16.24	49.82 3.50 -17.19	43.17 3.96 -7.04	40.65 3.15 -13.28
LIPA_MISC_IPP 23656	34.87 3.98 -0.02	31.39 3.71 -0.02	29.61 3.41 -0.18	27.61 3.18 -0.01	27.61 3.15 -0.01	28.54 2.87 -2.31	31.09 3.16 -2.82	33.35 3.42 -5.30	35.09 3.03 -9.65	34.73 3.16 -7.22	41.47 3.30 -12.21	41.69 3.37 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.31 2.93 -16.63	47.23 3.04 -21.63	53.71 3.73 -22.14	62.79 3.91 -29.00	61.56 4.15 -26.64	56.38 4.17 -21.56	55.40 4.47 -16.25	63.62 3.61 -30.87	45.55 4.09 -9.30	40.82 3.32 -13.28
LISF____SOLAR 323691	34.96 4.07 -0.02	31.48 3.79 -0.02	29.69 3.49 -0.18	27.66 3.22 -0.01	27.66 3.20 -0.01	28.62 2.94 -2.32	31.14 3.21 -2.83	33.47 3.49 -5.36	35.17 3.09 -9.67	34.79 3.21 -7.24	41.52 3.35 -12.21	41.77 3.45 -11.18	41.69 3.43 -10.83	42.11 3.18 -13.66	42.38 3.00 -16.63	47.30 3.11 -21.63	53.83 3.81 -22.17	62.94 4.03 -29.03	61.70 4.25 -26.68	56.52 4.26 -21.62	55.51 4.54 -16.29	63.93 3.67 -31.12	45.73 4.21 -9.35	40.92 3.39 -13.30
LITTLE FALLS____HYD 24013	30.90 0.03 0.00	27.70 0.03 0.00	26.04 0.03 0.00	24.45 0.02 0.00	24.45 0.00 0.00	23.26 -0.09 0.00	24.93 -0.18 0.00	24.42 -0.20 0.00	22.21 -0.20 0.00	24.12 -0.22 0.00	25.75 -0.21 0.00	26.93 -0.22 0.00	27.21 -0.22 0.00	25.09 -0.18 0.00	22.63 -0.11 0.00	22.42 -0.14 0.00	27.68 -0.17 0.00	29.64 -0.24 0.00	30.52 -0.25 0.00	30.40 -0.25 0.00	34.37 -0.31 0.00	28.84 -0.29 0.00	31.85 -0.32 0.00	24.03 -0.19 0.00

LITTLRIV_115KV_TB1 356100	30.04 -0.83 0.00	26.92 -0.75 0.00	25.37 -0.65 0.00	23.77 -0.66 0.00	23.69 -0.76 0.00	22.63 -0.72 0.00	24.22 -0.88 0.00	23.86 -0.76 0.00	21.72 -0.69 0.00	23.56 -0.78 0.00	25.15 -0.80 0.00	26.30 -0.84 0.00	26.58 -0.85 0.00	24.41 -0.86 0.00	21.83 -0.91 0.00	21.56 -0.99 0.00	26.73 -1.11 0.00	28.71 -1.17 0.00	29.63 -1.14 0.00	29.54 -1.10 0.00	33.46 -1.21 0.00	28.23 -0.90 0.00	31.21 -0.97 0.00	23.21 -1.02 0.00
LI_NEWBRDGE___DRP 323616	33.87 2.99 -0.01	30.50 2.82 -0.01	28.79 2.60 -0.17	26.85 2.42 -0.01	26.88 2.42 -0.01	27.84 2.17 -2.31	30.33 2.41 -2.82	28.96 2.63 -1.70	34.36 2.33 -9.61	34.10 2.53 -7.22	40.82 2.65 -12.21	41.07 2.74 -11.18	41.06 2.80 -10.83	41.53 2.60 -13.66	41.81 2.43 -16.63	46.66 2.53 -21.58	53.12 3.15 -22.13	62.20 3.32 -29.00	60.77 3.42 -26.58	55.53 3.43 -21.46	54.53 3.61 -16.24	47.96 2.94 -15.88	42.28 3.28 -6.83	40.10 2.59 -13.28
LOCKPORT_115KV_TB60_63_64 80432	29.02 -1.85 0.00	25.45 -2.21 0.00	23.73 -2.32 -0.03	22.40 -2.03 0.00	22.59 -1.86 0.00	22.03 -1.68 -0.35	23.85 -1.68 -0.43	22.72 -2.14 -0.25	21.37 -2.13 -1.09	22.94 -2.26 -0.86	23.94 -2.73 -0.71	24.25 -2.80 0.10	24.31 -2.88 0.24	22.52 -2.53 0.22	20.44 -1.86 0.44	20.26 -1.58 0.71	22.87 -2.42 2.55	24.20 -2.93 2.75	24.57 -2.89 3.31	25.99 -2.76 1.90	30.98 -2.88 0.82	27.21 -2.68 -0.76	29.77 -3.44 -1.05	24.10 -1.67 -1.55
LOCKPORT___CC1 323769	29.05 -1.82 0.00	25.51 -2.16 0.00	23.75 -2.29 -0.03	22.42 -2.00 0.00	22.59 -1.86 0.00	22.06 -1.68 -0.39	23.90 -1.68 -0.48	22.77 -2.12 -0.27	21.48 -2.13 -1.20	23.03 -2.26 -0.95	23.95 -2.73 -0.71	24.18 -2.82 0.14	24.20 -2.93 0.30	22.38 -2.58 0.31	20.22 -1.91 0.61	20.00 -1.62 0.92	22.67 -2.45 2.72	23.96 -2.99 2.93	24.29 -2.95 3.52	25.84 -2.82 1.99	30.29 -3.57 0.81	26.72 -3.29 -0.88	29.88 -3.44 -1.15	24.26 -1.67 -1.70
LOCKPORT___CC2 323770	29.05 -1.82 0.00	25.51 -2.16 0.00	23.75 -2.29 -0.03	22.42 -2.00 0.00	22.59 -1.86 0.00	22.06 -1.68 -0.39	23.90 -1.68 -0.48	22.77 -2.12 -0.27	21.48 -2.13 -1.20	23.03 -2.26 -0.95	23.95 -2.73 -0.71	24.18 -2.82 0.14	24.20 -2.93 0.30	22.38 -2.58 0.31	20.22 -1.91 0.61	20.00 -1.62 0.92	22.67 -2.45 2.72	23.96 -2.99 2.93	24.29 -2.95 3.52	25.84 -2.82 1.99	30.29 -3.57 0.81	26.72 -3.29 -0.88	29.88 -3.44 -1.15	24.26 -1.67 -1.70
LOCKPORT___CC3 323771	29.05 -1.82 0.00	25.51 -2.16 0.00	23.75 -2.29 -0.03	22.42 -2.00 0.00	22.59 -1.86 0.00	22.06 -1.68 -0.39	23.90 -1.68 -0.48	22.77 -2.12 -0.27	21.48 -2.13 -1.20	23.03 -2.26 -0.95	23.95 -2.73 -0.71	24.18 -2.82 0.14	24.20 -2.93 0.30	22.38 -2.58 0.31	20.22 -1.91 0.61	20.00 -1.62 0.92	22.67 -2.45 2.72	23.96 -2.99 2.93	24.29 -2.95 3.52	25.84 -2.82 1.99	30.29 -3.57 0.81	26.72 -3.29 -0.88	29.88 -3.44 -1.15	24.26 -1.67 -1.70
LOCUSVLY_69_KV_BK2 55797	34.03 3.15 -0.01	30.64 2.96 -0.01	28.90 2.71 -0.17	26.95 2.52 -0.01	26.97 2.52 -0.01	27.94 2.27 -2.31	30.43 2.51 -2.82	29.21 2.78 -1.81	34.33 2.49 -9.43	34.27 2.70 -7.22	41.03 2.86 -12.21	41.28 2.96 -11.18	41.31 3.04 -10.83	41.76 2.83 -13.66	42.01 2.64 -16.63	46.81 2.71 -21.55	53.25 3.29 -22.12	62.31 3.47 -28.96	60.98 3.63 -26.58	55.75 3.65 -21.46	54.73 3.81 -16.24	48.20 3.18 -15.88	42.54 3.54 -6.83	40.26 2.76 -13.28
LONG_LAKE_PHOENIX 24014	30.47 -0.40 0.00	27.23 -0.44 0.00	25.56 -0.47 -0.01	24.03 -0.39 0.00	24.08 -0.37 0.00	22.93 -0.61 -0.18	24.62 -0.70 -0.22	23.79 -0.96 -0.13	22.07 -0.90 -0.56	23.83 -0.95 -0.44	25.28 -1.09 -0.41	26.24 -1.19 -0.29	26.55 -1.23 -0.35	24.75 -1.11 -0.60	22.99 -0.89 -1.14	23.09 -0.79 -1.33	27.80 -1.06 -1.02	29.84 -1.17 -1.13	31.02 -1.14 -1.39	31.33 -0.98 -1.66	34.88 -1.07 -1.28	29.45 -0.93 -1.25	31.61 -1.09 -0.54	24.49 -0.53 -0.79
LOVETT___3 23632	33.03 2.16 0.00	29.74 2.08 0.00	28.08 1.90 -0.16	26.18 1.76 0.00	26.21 1.76 0.00	27.16 1.56 -2.24	29.59 1.76 -2.73	28.15 1.97 -1.56	31.08 1.77 -6.90	31.74 1.92 -5.48	32.13 2.05 -4.12	32.15 2.12 -2.89	33.17 2.17 -3.58	33.34 2.02 -6.05	36.13 1.91 -11.48	44.92 1.98 -20.38	51.49 2.42 -21.22	59.73 2.57 -27.28	59.08 2.68 -25.63	54.14 2.67 -20.83	53.26 2.81 -15.77	46.83 2.27 -15.42	41.31 2.51 -6.63	36.02 1.99 -9.80
LOVETT___4 23642	33.03 2.16 0.00	29.74 2.08 0.00	28.08 1.90 -0.16	26.18 1.76 0.00	26.21 1.76 0.00	27.16 1.56 -2.24	29.59 1.76 -2.73	28.15 1.97 -1.56	31.08 1.77 -6.90	31.74 1.92 -5.48	32.13 2.05 -4.12	32.15 2.12 -2.89	33.17 2.17 -3.58	33.34 2.02 -6.05	36.13 1.91 -11.48	44.92 1.98 -20.38	51.49 2.42 -21.22	59.73 2.57 -27.28	59.08 2.68 -25.63	54.14 2.67 -20.83	53.26 2.81 -15.77	46.83 2.27 -15.42	41.31 2.51 -6.63	36.02 1.99 -9.80
LOVETT___5 23593	33.03 2.16 0.00	29.74 2.08 0.00	28.08 1.90 -0.16	26.18 1.76 0.00	26.21 1.76 0.00	27.16 1.56 -2.24	29.59 1.76 -2.73	28.15 1.97 -1.56	31.08 1.77 -6.90	31.74 1.92 -5.48	32.13 2.05 -4.12	32.15 2.12 -2.89	33.17 2.17 -3.58	33.34 2.02 -6.05	36.13 1.91 -11.48	44.92 1.98 -20.38	51.49 2.42 -21.22	59.73 2.57 -27.28	59.08 2.68 -25.63	54.14 2.67 -20.83	53.26 2.81 -15.77	46.83 2.27 -15.42	41.31 2.51 -6.63	36.02 1.99 -9.80
LOWER RAQUET___HYD 24057	29.54 -1.33 0.00	26.48 -1.19 0.00	24.95 -1.07 0.00	23.38 -1.05 0.00	23.30 -1.15 0.00	22.30 -1.10 -0.04	23.90 -1.25 -0.05	23.52 -1.13 -0.03	21.53 -1.01 -0.12	23.37 -1.07 -0.10	24.91 -1.12 -0.07	26.03 -1.17 -0.05	26.29 -1.21 -0.06	24.21 -1.16 -0.11	21.76 -1.18 -0.20	21.50 -1.28 -0.23	26.53 -1.53 -0.22	28.48 -1.64 -0.25	29.41 -1.66 -0.30	29.35 -1.66 -0.36	33.19 -1.77 -0.28	28.01 -1.40 -0.27	30.78 -1.51 -0.12	22.97 -1.43 -0.17
LOWER___HUDSON 24059	32.14 1.27 0.00	28.88 1.22 0.00	27.35 1.12 -0.21	25.48 1.05 0.00	25.50 1.05 0.00	27.20 0.86 -2.98	29.67 0.93 -3.63	27.65 0.96 -2.07	32.46 0.87 -9.17	32.60 0.97 -7.28	32.43 1.01 -5.46	32.03 1.06 -3.83	33.24 1.07 -4.75	34.26 0.96 -8.03	38.87 0.91 -15.22	41.19 0.90 -17.73	45.70 1.11 -16.74	49.64 1.16 -18.60	54.89 1.20 -22.92	59.15 1.13 -27.37	56.96 1.32 -20.97	50.72 1.08 -20.51	42.14 1.16 -8.81	38.11 0.85 -13.03
LOWVILLE_115KV_TB2 356335	30.99 0.12 0.00	27.72 0.06 0.00	26.05 0.03 -0.01	24.45 0.02 0.00	24.52 0.07 0.00	23.39 -0.05 -0.08	24.83 -0.38 -0.10	24.28 -0.39 -0.06	22.29 -0.38 -0.25	24.25 -0.29 -0.20	25.80 -0.34 -0.18	26.89 -0.38 -0.13	26.98 -0.60 -0.16	24.90 -0.63 -0.27	22.74 -0.50 -0.50	22.64 -0.50 -0.59	27.78 -0.53 -0.46	29.95 -0.45 -0.52	31.10 -0.31 -0.64	31.22 -0.18 -0.76	34.98 -0.28 -0.58	29.53 -0.17 -0.57	32.09 -0.32 -0.24	24.39 -0.19 -0.36
LUTHERFT_115KV_GLOB_FND_222 355753	32.51 1.64 0.00	29.16 1.49 0.00	27.61 1.38 -0.21	25.67 1.25 0.00	25.74 1.30 0.00	27.45 1.07 -3.02	29.94 1.15 -3.68	27.95 1.23 -2.10	32.85 1.14 -9.29	32.98 1.27 -7.38	32.85 1.35 -5.54	32.42 1.38 -3.89	33.67 1.43 -4.82	34.68 1.26 -8.15	39.35 1.16 -15.45	41.37 1.15 -17.67	45.85 1.45 -16.56	49.66 1.55 -18.23	55.27 1.66 -22.84	59.99 1.62 -27.72	57.83 1.91 -21.24	51.37 1.46 -20.78	42.67 1.58 -8.93	38.55 1.11 -13.21

LUTHERNY_35_KV_BK2 355980	32.54 1.67 0.00	29.16 1.49 0.00	27.64 1.41 -0.21	25.70 1.27 0.00	25.74 1.30 0.00	27.47 1.10 -3.02	29.96 1.18 -3.68	27.95 1.23 -2.10	32.85 1.14 -9.29	33.01 1.29 -7.38	32.85 1.35 -5.54	32.42 1.38 -3.89	33.67 1.43 -4.82	34.70 1.29 -8.15	39.37 1.18 -15.45	41.40 1.17 -17.67	45.88 1.48 -16.56	49.69 1.58 -18.23	55.27 1.66 -22.84	60.02 1.65 -27.72	57.83 1.91 -21.24	51.40 1.49 -20.78	42.67 1.58 -8.93	38.55 1.11 -13.21
LWR___OSWEGATCHIE_HYD 23850	30.04 -0.83 0.00	26.89 -0.77 0.00	25.29 -0.73 0.00	23.72 -0.71 0.00	23.71 -0.73 0.00	22.65 -0.77 -0.06	24.15 -1.03 -0.07	23.70 -0.96 -0.04	21.70 -0.90 -0.19	23.59 -0.90 -0.15	25.13 -0.96 -0.13	26.21 -1.03 -0.09	26.39 -1.15 -0.12	24.33 -1.14 -0.20	22.07 -1.05 -0.37	21.90 -1.08 -0.43	26.93 -1.25 -0.34	28.97 -1.28 -0.38	30.01 -1.23 -0.47	30.07 -1.13 -0.56	33.82 -1.28 -0.43	28.56 -0.99 -0.42	31.19 -1.16 -0.18	23.52 -0.97 -0.27
LYONS_FALL_HYD 23570	31.21 0.34 0.00	27.92 0.25 0.00	26.23 0.21 -0.01	24.62 0.19 0.00	24.69 0.24 0.00	23.57 0.12 -0.09	25.12 -0.10 -0.11	24.56 -0.12 -0.06	22.59 -0.11 -0.28	24.52 -0.05 -0.23	26.07 -0.05 -0.17	27.18 -0.08 -0.12	27.36 -0.22 -0.15	25.24 -0.28 -0.25	23.03 -0.18 -0.47	22.94 -0.16 -0.55	28.22 -0.14 -0.52	30.40 -0.06 -0.58	31.51 0.03 -0.71	31.62 0.12 -0.85	35.43 0.10 -0.65	29.86 0.09 -0.64	32.41 -0.03 -0.27	24.68 0.05 -0.40
MADISON___COUNTY_LFGE 323628	31.64 0.77 0.00	28.30 0.64 0.00	26.58 0.55 -0.01	24.99 0.56 0.00	25.06 0.61 0.00	23.94 0.44 -0.14	25.67 0.40 -0.17	25.04 0.32 -0.10	23.11 0.27 -0.43	24.97 0.29 -0.34	26.53 0.29 -0.29	27.62 0.27 -0.20	27.96 0.27 -0.25	25.87 0.18 -0.43	23.83 0.27 -0.81	23.84 0.34 -0.95	29.07 0.45 -0.78	31.26 0.51 -0.87	32.45 0.62 -1.07	32.63 0.70 -1.28	36.35 0.69 -0.98	30.65 0.55 -0.96	33.07 0.48 -0.41	25.34 0.51 -0.61
MALONE___115KV_TB1 356076	30.44 -0.43 0.00	27.31 -0.36 0.00	25.71 -0.31 0.00	24.08 -0.34 0.00	23.98 -0.46 0.00	22.94 -0.42 0.00	24.65 -0.45 0.00	24.30 -0.32 0.00	22.17 -0.25 0.00	24.15 -0.19 0.00	25.75 -0.21 0.00	26.87 -0.27 0.00	27.15 -0.27 0.00	24.94 -0.33 0.00	22.29 -0.45 0.00	21.99 -0.56 0.00	27.09 -0.75 0.00	28.98 -0.90 0.00	29.78 -0.98 0.00	29.66 -0.98 0.00	33.60 -1.07 0.00	28.23 -0.90 0.00	31.24 -0.93 0.00	23.21 -1.02 0.00
MAPLEWOD_115KV_TB3 80458	31.95 1.08 0.00	28.80 1.13 0.00	27.27 1.04 -0.21	25.40 0.98 0.00	25.43 0.98 0.00	27.10 0.79 -2.95	29.53 0.83 -3.60	27.49 0.81 -2.05	32.23 0.74 -9.08	32.38 0.83 -7.21	32.23 0.86 -5.42	31.84 0.90 -3.80	33.07 0.93 -4.71	34.07 0.83 -7.97	38.61 0.77 -15.10	40.71 0.79 -17.37	45.10 0.95 -16.31	48.87 0.99 -18.00	54.22 1.02 -22.44	58.67 0.92 -27.10	56.55 1.11 -20.77	50.29 0.84 -20.31	41.83 0.93 -8.73	37.84 0.70 -12.91
MAPLE_RIDGE_WT_1 323574	30.62 -0.25 0.00	27.42 -0.25 0.00	25.78 -0.23 0.00	24.21 -0.22 0.00	24.20 -0.24 0.00	23.03 -0.33 0.00	24.73 -0.38 0.00	24.23 -0.39 0.00	22.05 -0.36 0.00	23.95 -0.39 0.00	25.54 -0.42 0.00	26.74 -0.41 0.00	26.99 -0.44 0.00	24.86 -0.41 0.00	22.35 -0.39 0.00	22.12 -0.43 0.00	27.29 -0.56 0.00	29.25 -0.63 0.00	30.09 -0.68 0.00	29.94 -0.70 0.00	33.88 -0.80 0.00	28.47 -0.67 0.00	31.43 -0.74 0.00	23.64 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	30.62 -0.25 0.00	27.42 -0.25 0.00	25.78 -0.23 0.00	24.21 -0.22 0.00	24.20 -0.24 0.00	23.03 -0.33 0.00	24.73 -0.38 0.00	24.23 -0.39 0.00	22.05 -0.36 0.00	23.95 -0.39 0.00	25.54 -0.42 0.00	26.74 -0.41 0.00	26.99 -0.44 0.00	24.86 -0.41 0.00	22.35 -0.39 0.00	22.12 -0.43 0.00	27.29 -0.56 0.00	29.25 -0.63 0.00	30.09 -0.68 0.00	29.94 -0.70 0.00	33.88 -0.80 0.00	28.47 -0.67 0.00	31.43 -0.74 0.00	23.64 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	30.44 -0.43 0.00	27.28 -0.39 0.00	25.71 -0.31 0.00	24.08 -0.34 0.00	24.03 -0.42 0.00	22.98 -0.37 0.00	24.73 -0.38 0.00	24.33 -0.29 0.00	22.21 -0.20 0.00	24.15 -0.20 0.00	25.75 -0.21 0.00	26.90 -0.24 0.00	27.15 -0.27 0.00	24.96 -0.30 0.00	22.31 -0.43 0.00	22.01 -0.54 0.00	27.12 -0.72 0.00	29.04 -0.84 0.00	29.85 -0.92 0.00	29.73 -0.92 0.00	33.64 -1.04 0.00	28.26 -0.87 0.00	31.17 -1.00 0.00	23.21 -1.02 0.00
MARSHVLE_115KV_TB1 80742	33.31 2.44 0.00	29.77 2.10 0.00	28.21 1.95 -0.24	26.21 1.78 0.00	26.31 1.86 0.00	28.34 1.61 -3.37	30.90 1.68 -4.11	28.69 1.72 -2.35	34.32 1.52 -10.38	34.26 1.68 -8.24	33.86 1.71 -6.19	33.20 1.71 -4.35	34.48 1.67 -5.38	35.76 1.39 -9.11	41.28 1.27 -17.26	43.54 1.13 -19.86	48.04 1.56 -18.64	52.43 1.97 -20.58	58.76 2.34 -25.65	64.19 2.57 -30.97	61.29 2.88 -23.73	54.56 2.21 -23.21	44.59 2.45 -9.97	40.75 1.77 -14.75
MARSH_HILL_WT_PWR 323713	30.66 -0.21 0.00	27.00 -0.66 0.00	25.01 -1.04 -0.03	23.57 -0.86 0.00	23.62 -0.83 0.00	22.85 -1.03 -0.52	24.64 -1.10 -0.64	23.68 -1.31 -0.36	22.59 -1.43 -1.61	24.11 -1.51 -1.28	24.89 -2.02 -0.96	28.23 -2.31 -3.39	29.93 -2.22 -4.72	30.14 -2.27 -7.15	34.57 -1.84 -13.67	37.83 -1.56 -16.84	50.12 -1.81 -24.09	54.37 -1.88 -26.37	61.08 -1.79 -32.10	57.91 -1.50 -28.76	51.07 -2.36 -18.75	38.19 -2.19 -11.24	31.21 -2.51 -1.55	25.21 -1.31 -2.29
MCINTYRE_115KV_TB2 80467	30.38 -0.49 0.00	27.23 -0.44 0.00	25.65 -0.36 0.00	24.03 -0.39 0.00	23.98 -0.46 0.00	22.91 -0.44 0.00	24.53 -0.58 0.00	24.13 -0.49 0.00	21.94 -0.47 0.00	23.78 -0.56 0.00	25.36 -0.60 0.00	26.52 -0.62 0.00	26.80 -0.63 0.00	24.63 -0.63 0.00	22.04 -0.70 0.00	21.74 -0.81 0.00	27.01 -0.84 0.00	29.07 -0.81 0.00	30.00 -0.77 0.00	29.94 -0.70 0.00	33.91 -0.76 0.00	28.61 -0.52 0.00	31.62 -0.55 0.00	23.50 -0.73 0.00
MECO_____69_KV_BK1 80468	33.49 2.62 0.00	29.94 2.27 0.00	28.36 2.11 -0.23	26.33 1.91 0.00	26.43 1.98 0.00	28.35 1.75 -3.25	30.90 1.83 -3.96	28.78 1.90 -2.26	34.14 1.73 -10.00	34.18 1.90 -7.94	33.90 1.97 -5.97	33.28 1.95 -4.18	34.50 1.89 -5.18	35.68 1.64 -8.77	40.87 1.50 -16.62	43.03 1.42 -19.06	47.63 1.92 -17.87	51.90 2.33 -19.69	58.07 2.68 -24.62	63.29 2.82 -29.83	60.73 3.19 -22.86	53.94 2.45 -22.36	44.41 2.64 -9.60	40.33 1.89 -14.21
MENANDS___115KV_TB5 355628	31.83 0.96 0.00	28.72 1.05 0.00	27.19 0.96 -0.21	25.33 0.90 0.00	25.35 0.90 0.00	27.02 0.72 -2.94	29.45 0.75 -3.59	27.38 0.71 -2.05	32.13 0.65 -9.06	32.27 0.73 -7.20	32.12 0.75 -5.41	31.73 0.79 -3.79	32.95 0.82 -4.70	33.95 0.73 -7.95	38.52 0.70 -15.07	40.56 0.68 -17.34	44.93 0.81 -16.27	48.68 0.84 -17.96	54.00 0.83 -22.40	58.46 0.77 -27.05	56.31 0.90 -20.73	50.11 0.70 -20.27	41.65 0.77 -8.71	37.72 0.61 -12.88
MG INDUSTRY___DRP 24185	31.80 0.93 0.00	28.66 1.00 0.00	27.13 0.91 -0.20	25.30 0.88 0.00	25.33 0.88 0.00	26.88 0.65 -2.87	29.28 0.68 -3.50	27.26 0.64 -2.00	31.79 0.54 -8.84	31.97 0.61 -7.02	31.86 0.62 -5.28	31.47 0.62 -3.70	32.64 0.63 -4.58	33.60 0.58 -7.76	37.99 0.55 -14.70	40.24 0.56 -17.13	44.68 0.70 -16.14	48.56 0.75 -17.93	53.67 0.80 -22.10	57.77 0.74 -26.39	55.76 0.87 -20.22	49.58 0.67 -19.77	41.37 0.71 -8.49	37.38 0.58 -12.57

MID___OSWEGATCHIE_HYD 23849	30.04 -0.83 0.00	26.89 -0.77 0.00	25.29 -0.73 0.00	23.72 -0.71 0.00	23.71 -0.73 0.00	22.65 -0.77 -0.06	24.15 -1.03 -0.07	23.70 -0.96 -0.04	21.70 -0.90 -0.19	23.59 -0.90 -0.15	25.13 -0.96 -0.13	26.21 -1.03 -0.09	26.39 -1.15 -0.12	24.33 -1.14 -0.20	22.07 -1.05 -0.37	21.90 -1.08 -0.43	26.93 -1.25 -0.34	28.97 -1.28 -0.38	30.01 -1.23 -0.47	30.07 -1.13 -0.56	33.82 -1.28 -0.43	28.56 -0.99 -0.42	31.19 -1.16 -0.18	23.52 -0.97 -0.27
MID___RAQUETTE_HYD 23851	29.54 -1.33 0.00	26.51 -1.16 0.00	24.95 -1.07 0.00	23.38 -1.05 0.00	23.30 -1.15 0.00	22.26 -1.10 0.00	23.85 -1.26 0.00	23.49 -1.13 0.00	21.41 -1.01 0.00	23.27 -1.07 0.00	24.91 -1.12 -0.07	26.03 -1.17 -0.05	26.28 -1.21 -0.06	24.21 -1.16 -0.11	21.76 -1.18 -0.20	21.50 -1.29 -0.23	26.31 -1.53 0.00	28.24 -1.64 0.00	29.08 -1.69 0.00	28.99 -1.65 0.00	32.87 -1.80 0.00	27.71 -1.43 0.00	30.66 -1.51 0.00	22.80 -1.43 0.00
MILLIKEN___1 23584	31.49 0.62 0.00	28.08 0.42 0.00	26.31 0.26 -0.03	24.77 0.34 0.00	24.84 0.39 0.00	24.02 0.19 -0.48	25.86 0.18 -0.58	24.98 0.02 -0.33	23.85 -0.04 -1.48	25.46 -0.05 -1.17	26.68 -0.21 -0.94	27.73 -0.27 -0.86	28.26 -0.27 -1.10	26.79 -0.28 -1.81	26.08 -0.09 -3.43	26.69 0.07 -4.07	32.24 0.11 -4.28	34.75 0.15 -4.73	36.81 0.25 -5.80	37.25 0.40 -6.21	39.53 0.35 -4.51	33.19 0.17 -3.87	33.62 0.03 -1.42	26.62 0.29 -2.10
MILLIKEN___2 23585	31.49 0.62 0.00	28.08 0.42 0.00	26.31 0.26 -0.03	24.77 0.34 0.00	24.84 0.39 0.00	24.02 0.19 -0.48	25.86 0.18 -0.58	24.98 0.02 -0.33	23.85 -0.04 -1.48	25.46 -0.05 -1.17	26.68 -0.21 -0.94	27.73 -0.27 -0.86	28.26 -0.27 -1.10	26.79 -0.28 -1.81	26.08 -0.09 -3.43	26.69 0.07 -4.07	32.24 0.11 -4.28	34.75 0.15 -4.73	36.81 0.25 -5.80	37.25 0.40 -6.21	39.53 0.35 -4.51	33.19 0.17 -3.87	33.62 0.03 -1.42	26.62 0.29 -2.10
MILLIKEN___DIESEL 23629	31.49 0.62 0.00	28.08 0.42 0.00	26.31 0.26 -0.03	24.77 0.34 0.00	24.84 0.39 0.00	24.02 0.19 -0.48	25.86 0.18 -0.58	24.98 0.02 -0.33	23.85 -0.04 -1.48	25.46 -0.05 -1.17	26.68 -0.21 -0.94	27.73 -0.27 -0.86	28.26 -0.27 -1.10	26.79 -0.28 -1.81	26.08 -0.09 -3.43	26.69 0.07 -4.07	32.24 0.11 -4.28	34.75 0.15 -4.73	36.81 0.25 -5.80	37.25 0.40 -6.21	39.53 0.35 -4.51	33.19 0.17 -3.87	33.62 0.03 -1.42	26.62 0.29 -2.10
MILLSEAT___LFGE 323607	29.70 -1.17 0.00	26.15 -1.52 0.00	24.35 -1.69 -0.02	22.98 -1.44 0.00	23.20 -1.25 0.00	22.65 -1.07 -0.37	24.48 -1.08 -0.45	23.40 -1.48 -0.26	22.03 -1.52 -1.14	23.62 -1.63 -0.91	24.61 -2.02 -0.68	25.06 -2.09 0.00	25.09 -2.25 0.09	23.29 -1.97 0.00	21.38 -1.34 0.02	21.28 -1.08 0.19	24.56 -1.75 1.53	26.04 -2.21 1.63	26.67 -2.15 1.94	27.97 -1.99 0.69	32.20 -2.46 0.01	28.03 -2.33 -1.23	30.79 -2.48 -1.10	24.81 -1.04 -1.63
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.12 2.25 0.00	29.83 2.16 0.00	28.16 1.98 -0.16	26.26 1.83 0.00	26.28 1.83 0.00	27.26 1.61 -2.29	29.71 1.81 -2.80	28.32 2.04 -1.66	31.34 1.84 -7.09	32.02 2.00 -5.69	32.45 2.13 -4.36	32.57 2.17 -3.25	33.72 2.25 -4.04	33.93 2.10 -6.56	36.79 1.98 -12.07	45.88 2.05 -21.27	52.27 2.51 -21.92	61.11 2.66 -28.57	59.88 2.74 -26.38	54.69 2.73 -21.32	53.69 2.88 -16.14	47.28 2.36 -15.78	41.53 2.57 -6.78	36.29 2.04 -10.03
MILLWOOD_13_KV_LOAD 356217	33.19 2.32 0.00	29.88 2.21 0.00	28.18 2.00 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.31 1.66 -2.29	29.76 1.86 -2.80	28.37 2.09 -1.66	31.38 1.88 -7.09	32.07 2.04 -5.69	32.50 2.18 -4.36	32.65 2.25 -3.25	33.80 2.33 -4.04	34.00 2.17 -6.56	36.88 2.07 -12.07	45.95 2.12 -21.27	52.39 2.62 -21.92	61.20 2.75 -28.57	60.01 2.86 -26.38	54.81 2.85 -21.32	53.83 3.02 -16.14	47.36 2.45 -15.78	41.62 2.67 -6.78	36.37 2.11 -10.03
MODEL_CITY_ENERGY 24167	28.74 -2.13 0.00	25.23 -2.43 0.00	23.50 -2.55 -0.03	22.18 -2.25 0.00	22.37 -2.08 0.00	21.88 -1.87 -0.39	23.70 -1.88 -0.48	22.55 -2.34 -0.27	21.29 -2.33 -1.21	22.82 -2.48 -0.96	23.72 -2.96 -0.72	24.09 -2.93 0.12	24.11 -3.05 0.27	22.35 -2.65 0.26	20.26 -1.96 0.53	20.04 -1.69 0.82	22.74 -2.59 2.51	24.04 -3.14 2.70	24.39 -3.14 3.24	25.89 -3.00 1.76	30.06 -3.92 0.70	26.53 -3.56 -0.95	29.60 -3.73 -1.16	24.08 -1.86 -1.72
MODERN_LFGE___ 323580	28.74 -2.13 0.00	25.23 -2.43 0.00	23.50 -2.55 -0.03	22.18 -2.25 0.00	22.37 -2.08 0.00	21.88 -1.87 -0.39	23.70 -1.88 -0.48	22.55 -2.34 -0.27	21.29 -2.33 -1.21	22.82 -2.48 -0.96	23.72 -2.96 -0.72	24.09 -2.93 0.12	24.11 -3.05 0.27	22.35 -2.65 0.26	20.26 -1.96 0.53	20.04 -1.69 0.82	22.74 -2.59 2.51	24.04 -3.14 2.70	24.39 -3.14 3.24	25.89 -3.00 1.76	30.06 -3.92 0.70	26.53 -3.56 -0.95	29.60 -3.73 -1.16	24.08 -1.86 -1.72
MOHAWK_PAPER___DRP 24187	31.95 1.08 0.00	28.80 1.13 0.00	27.27 1.04 -0.21	25.40 0.98 0.00	25.43 0.98 0.00	27.10 0.79 -2.95	29.53 0.83 -3.60	27.49 0.81 -2.05	32.23 0.74 -9.08	32.38 0.83 -7.21	32.23 0.86 -5.42	31.84 0.90 -3.80	33.07 0.93 -4.71	34.07 0.83 -7.97	38.61 0.77 -15.10	40.71 0.79 -17.37	45.10 0.95 -16.31	48.87 0.99 -18.00	54.22 1.02 -22.44	58.67 0.92 -27.10	56.55 1.11 -20.77	50.29 0.84 -20.31	41.83 0.93 -8.73	37.84 0.70 -12.91
MOHICAN___35_KV_115KV_LD 80490	32.69 1.82 0.00	29.30 1.63 0.00	27.74 1.51 -0.21	25.77 1.34 0.00	25.84 1.39 0.00	27.54 1.17 -3.02	30.04 1.26 -3.68	28.08 1.35 -2.10	33.01 1.30 -9.30	33.18 1.46 -7.38	33.06 1.56 -5.55	32.61 1.57 -3.89	33.89 1.65 -4.82	34.86 1.44 -8.15	39.52 1.32 -15.46	41.52 1.29 -17.68	46.06 1.64 -16.57	49.94 1.82 -18.23	55.56 1.94 -22.85	60.32 1.93 -27.74	58.19 2.25 -21.26	51.62 1.69 -20.79	42.87 1.77 -8.93	38.65 1.21 -13.22
MONGAUP___HYD 23641	32.85 1.98 0.00	29.55 1.88 0.00	27.88 1.72 -0.15	26.06 1.64 0.00	26.09 1.64 0.00	26.89 1.42 -2.11	29.03 1.35 -2.57	27.47 1.38 -1.47	30.11 1.21 -6.49	30.76 1.26 -5.15	31.12 1.30 -3.87	31.19 1.33 -2.71	32.11 1.32 -3.36	31.96 1.01 -5.68	34.47 0.95 -10.78	42.39 1.04 -18.80	48.69 1.31 -19.54	56.32 1.43 -25.01	56.07 1.60 -23.70	51.89 1.65 -19.59	51.29 1.77 -14.84	45.05 1.40 -14.52	40.27 1.87 -6.24	35.05 1.60 -9.23
MONTAUK___DIESEL 23721	35.52 4.63 -0.02	32.03 4.34 -0.02	30.21 4.01 -0.18	28.12 3.69 -0.01	28.10 3.64 -0.01	29.06 3.39 -2.31	31.66 3.74 -2.82	33.99 4.04 -5.34	35.54 3.47 -9.65	35.12 3.55 -7.22	41.65 3.48 -12.21	41.80 3.47 -11.18	41.72 3.46 -10.83	42.11 3.18 -13.66	42.38 3.00 -16.63	47.36 3.18 -21.63	53.91 3.93 -22.14	63.00 4.12 -29.00	61.78 4.37 -26.64	56.59 4.38 -21.57	55.58 4.65 -16.25	63.81 3.67 -31.00	45.64 4.15 -9.32	40.99 3.49 -13.28
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.73 -1.14 0.00	26.06 -1.60 0.00	23.94 -2.11 -0.03	22.72 -1.71 0.00	22.79 -1.66 0.00	21.79 -1.99 -0.42	23.55 -2.06 -0.51	22.55 -2.36 -0.29	21.50 -2.20 -1.29	23.05 -2.31 -1.02	24.06 -2.73 -0.82	24.03 -3.09 0.02	24.35 -2.93 0.15	22.05 -3.16 0.06	20.08 -2.52 0.14	20.11 -2.07 0.36	23.17 -2.37 2.31	24.62 -2.78 2.48	25.18 -2.62 2.97	26.82 -2.45 1.37	30.61 -3.68 0.39	26.97 -3.35 -1.19	29.39 -4.02 -1.24	23.90 -2.16 -1.83

MORRIS_RIDGE___SOLAR 323848	30.19 -0.68 0.00	26.59 -1.08 0.00	24.67 -1.38 -0.03	23.30 -1.12 0.00	23.40 -1.05 0.00	22.67 -1.19 -0.51	24.47 -1.25 -0.62	23.45 -1.53 -0.35	22.32 -1.66 -1.56	23.88 -1.70 -1.24	24.68 -2.21 -0.93	21.41 -2.50 3.24	20.25 -2.41 4.76	16.04 -2.38 6.85	7.64 -1.93 13.17	4.26 -1.65 16.64	-1.52 -1.95 27.42	-2.18 -2.15 29.90	-7.61 -2.09 36.28	-0.72 -1.81 29.56	14.00 -2.67 18.01	19.24 -2.45 7.45	30.97 -2.70 -1.50	25.09 -1.36 -2.22
MORTIMER_115KV_TB3 55949	29.97 -0.90 0.00	26.53 -1.13 0.00	24.89 -1.14 -0.02	23.38 -1.05 0.00	23.54 -0.90 0.00	22.92 -0.72 -0.29	24.72 -0.73 -0.35	23.74 -1.08 -0.20	22.22 -1.08 -0.88	23.90 -1.14 -0.70	25.12 -1.43 -0.59	25.93 -1.63 -0.41	26.08 -1.87 -0.51	24.64 -1.49 -0.87	23.34 -1.05 -1.64	23.52 -0.95 -1.91	27.85 -1.61 -1.62	29.71 -1.97 -1.80	31.08 -1.91 -2.22	31.48 -1.81 -2.64	35.17 -1.53 -2.02	29.68 -1.43 -1.98	31.38 -1.64 -0.85	24.83 -0.65 -1.26
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.48 2.59 -0.02	30.15 2.46 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.70 2.31 -4.77	33.19 2.08 -8.69	36.46 2.26 -9.85	40.20 2.39 -11.85	47.47 2.47 -17.86	52.61 2.55 -22.63	52.52 2.37 -24.88	53.17 2.23 -28.20	60.84 2.30 -35.99	55.59 2.81 -24.93	82.13 2.99 -49.26	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.68 2.65 -15.90	41.94 2.93 -6.84	36.64 2.30 -10.11
MUNSVILLE_WIND_PWR 323609	33.19 2.32 0.00	29.55 1.88 0.00	27.66 1.59 -0.05	25.99 1.56 0.00	26.18 1.74 0.00	25.59 1.47 -0.77	27.37 1.33 -0.93	26.46 1.30 -0.53	25.85 1.08 -2.36	27.31 1.10 -1.87	28.53 1.17 -1.40	29.47 1.19 -1.13	30.12 1.26 -1.42	28.57 0.94 -2.37	28.30 1.07 -4.49	29.38 1.24 -5.59	35.43 1.78 -5.80	38.53 2.06 -6.59	40.82 2.31 -7.74	41.38 2.42 -8.31	43.11 2.25 -6.18	36.62 1.81 -5.67	36.14 1.70 -2.26	29.17 1.60 -3.35
N SALMON___HYD 24042	30.44 -0.43 0.00	27.28 -0.39 0.00	25.71 -0.31 0.00	24.08 -0.34 0.00	23.98 -0.47 0.00	22.94 -0.42 0.00	24.65 -0.45 0.00	24.30 -0.32 0.00	22.17 -0.25 0.00	24.15 -0.20 0.00	25.75 -0.21 0.00	26.87 -0.27 0.00	27.15 -0.27 0.00	24.94 -0.33 0.00	22.29 -0.45 0.00	21.99 -0.56 0.00	27.09 -0.75 0.00	28.98 -0.90 0.00	29.78 -0.99 0.00	29.66 -0.98 0.00	33.67 -1.01 0.00	28.29 -0.85 0.00	31.24 -0.93 0.00	23.21 -1.02 0.00
N.AKRON__115KV_KNAPP 355671	29.63 -1.23 0.00	26.04 -1.63 0.00	24.30 -1.74 -0.02	22.91 -1.51 0.00	23.13 -1.32 0.00	22.56 -1.14 -0.34	24.39 -1.13 -0.42	23.28 -1.58 -0.24	21.88 -1.59 -1.06	23.48 -1.70 -0.84	24.54 -2.10 -0.69	24.92 -2.20 0.03	24.99 -2.30 0.13	23.18 -2.02 0.07	21.18 -1.41 0.15	21.07 -1.13 0.35	24.03 -1.84 1.98	25.45 -2.30 2.13	26.01 -2.22 2.54	27.28 -2.08 1.28	32.20 -2.05 0.43	28.10 -1.95 -0.92	30.58 -2.61 -1.01	24.61 -1.11 -1.50
N.E_GEN_SANDY PD 24062	32.26 1.39 0.00	30.91 1.33 -1.91	30.46 1.25 -3.19	29.48 1.17 -3.88	29.90 1.17 -4.28	32.90 0.98 -8.56	33.90 1.05 -7.74	37.40 1.08 -11.70	37.05 0.96 -13.67	32.70 1.05 -7.31	37.30 1.09 -10.25	37.20 1.14 -8.91	36.60 1.15 -8.02	38.10 1.06 -11.77	38.29 0.98 -14.57	41.30 0.99 -17.76	45.80 1.22 -16.73	50.00 1.23 -18.90	54.60 1.20 -22.63	58.00 1.13 -26.22	56.10 1.35 -20.07	50.10 1.14 -19.83	41.86 1.25 -8.43	37.60 0.90 -12.48
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.06 2.19 0.00	29.77 2.10 0.00	28.10 1.93 -0.16	26.21 1.78 0.00	26.23 1.78 0.00	27.18 1.59 -2.23	29.58 1.76 -2.72	28.17 1.99 -1.55	31.08 1.79 -6.87	31.74 1.95 -5.45	32.14 2.08 -4.10	32.17 2.14 -2.88	33.16 2.17 -3.56	33.34 2.05 -6.03	36.11 1.93 -11.43	44.81 1.98 -20.28	51.40 2.45 -21.10	59.60 2.60 -27.13	58.98 2.71 -25.50	54.09 2.70 -20.75	53.23 2.84 -15.71	46.83 2.33 -15.36	41.31 2.54 -6.60	36.00 2.01 -9.76
N.QUEENS_27_KV_LOAD 356247	33.39 2.50 -0.02	30.17 2.49 -0.02	28.41 2.21 -0.18	26.49 2.05 -0.02	26.52 2.05 -0.02	27.46 1.80 -2.30	29.95 2.03 -2.81	30.86 2.39 -3.86	31.78 2.15 -7.21	32.38 2.29 -5.75	33.08 2.41 -4.71	33.36 2.52 -3.69	34.55 2.61 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.45 2.35 -21.56	52.76 2.81 -22.11	61.87 3.02 -28.98	60.41 3.08 -26.57	55.09 3.00 -21.44	54.10 3.19 -16.23	47.73 2.71 -15.88	41.96 2.96 -6.83	36.65 2.33 -10.10
N.TROY___115KV_TB1 355778	32.14 1.27 0.00	28.89 1.22 0.00	27.35 1.12 -0.21	25.48 1.05 0.00	25.50 1.05 0.00	27.19 0.86 -2.97	29.66 0.93 -3.63	27.65 0.96 -2.07	32.44 0.87 -9.16	32.59 0.97 -7.27	32.43 1.01 -5.46	32.04 1.06 -3.83	33.25 1.07 -4.75	34.26 0.96 -8.03	38.85 0.89 -15.22	41.19 0.90 -17.73	45.67 1.11 -16.71	49.61 1.17 -18.57	54.86 1.20 -22.89	59.11 1.13 -27.33	56.97 1.35 -20.94	50.69 1.08 -20.47	42.13 1.16 -8.80	38.09 0.85 -13.01
NARROWS_GT1_1 24228	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT1_2 24229	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT1_3 24230	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT1_4 24231	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT1_5 24232	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15

NARROWS_GT1_6 24233	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT1_7 24234	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT1_8 24235	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_1 24236	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_2 24237	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_3 24238	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_4 24239	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_5 24240	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_6 24241	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_7 24242	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NARROWS_GT2_8 24243	33.73 2.84 -0.02	30.43 2.74 -0.02	28.68 2.47 -0.18	26.77 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.31	30.18 2.26 -2.82	31.35 2.36 -4.36	33.07 2.15 -8.50	45.82 2.34 -19.14	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.35 2.92 -24.58	79.60 3.14 -46.58	60.64 3.26 -26.61	55.35 3.22 -21.49	54.48 3.54 -16.27	47.88 2.80 -15.94	42.23 3.09 -6.97	36.84 2.47 -10.15
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.26 1.39 0.00	29.11 1.44 0.00	27.18 0.96 -0.20	25.70 1.27 0.00	25.72 1.27 0.00	26.84 0.72 -2.76	29.15 0.68 -3.37	27.18 0.64 -1.92	31.50 0.58 -8.50	31.70 0.61 -6.75	31.58 0.55 -5.07	31.25 0.54 -3.56	32.33 0.49 -4.41	33.18 0.45 -7.46	37.27 0.39 -14.14	40.96 0.70 -17.71	45.78 0.89 -17.04	50.52 1.05 -19.59	54.74 1.23 -22.74	56.83 0.77 -25.42	55.09 0.97 -19.44	48.88 0.73 -19.01	41.11 0.77 -8.17	36.87 0.56 -12.08
NCHELSEA_115KV_TR2 355582	33.12 2.25 0.00	29.83 2.16 0.00	28.13 1.95 -0.16	26.28 1.86 0.00	26.31 1.86 0.00	27.29 1.64 -2.30	29.67 1.76 -2.81	28.19 1.97 -1.60	31.27 1.77 -7.08	31.89 1.92 -5.63	32.19 2.00 -4.23	32.18 2.06 -2.97	33.16 2.06 -3.68	33.43 1.95 -6.22	36.33 1.80 -11.79	45.25 1.89 -20.81	51.82 2.34 -21.64	60.14 2.48 -27.78	59.59 2.65 -26.18	54.67 2.64 -21.39	53.72 2.84 -16.20	47.28 2.30 -15.84	41.52 2.54 -6.81	36.28 1.99 -10.07
NEG CAPITAL___MECHNVIL 23645	32.57 1.70 0.00	29.22 1.55 0.00	27.66 1.43 -0.21	25.72 1.29 0.00	25.77 1.32 0.00	27.49 1.12 -3.01	29.98 1.20 -3.67	28.00 1.28 -2.10	32.86 1.19 -9.26	33.04 1.34 -7.36	32.88 1.40 -5.52	32.48 1.46 -3.87	33.73 1.51 -4.80	34.72 1.34 -8.11	39.35 1.23 -15.38	41.40 1.22 -17.63	45.93 1.53 -16.56	49.76 1.64 -18.24	55.31 1.72 -22.82	59.97 1.68 -27.64	57.80 1.94 -21.18	51.37 1.51 -20.72	42.71 1.64 -8.90	38.53 1.14 -13.17
NEG CENTRAL_HIGH_ACRES 23767	29.67 -1.20 0.00	26.34 -1.33 0.00	24.68 -1.35 -0.02	23.20 -1.22 0.00	23.35 -1.10 0.00	22.69 -0.98 -0.31	24.45 -1.03 -0.38	23.51 -1.33 -0.22	22.09 -1.28 -0.96	23.74 -1.36 -0.76	24.89 -1.63 -0.57	25.73 -1.82 -0.40	25.89 -2.03 -0.49	24.43 -1.67 -0.84	23.08 -1.25 -1.59	23.22 -1.17 -1.85	27.81 -1.78 -1.75	29.70 -2.12 -1.94	31.04 -2.12 -2.39	31.50 -1.99 -2.85	35.03 -1.84 -2.19	29.53 -1.75 -2.14	31.19 -1.90 -0.92	24.64 -0.95 -1.36

NEG CENTRAL___DRP 24199	30.81 -0.06 0.00	27.42 -0.25 0.00	25.65 -0.39 -0.02	24.16 -0.27 0.00	24.23 -0.22 0.00	23.28 -0.37 -0.29	25.06 -0.40 -0.36	24.21 -0.62 -0.20	22.67 -0.65 -0.91	24.38 -0.68 -0.72	25.68 -0.88 -0.61	26.80 -1.03 -0.69	27.29 -1.04 -0.90	25.75 -0.96 -1.44	24.81 -0.68 -2.75	25.32 -0.52 -3.29	30.83 -0.70 -3.68	33.16 -0.78 -4.06	34.96 -0.77 -4.96	35.09 -0.55 -5.00	37.54 -0.66 -3.52	31.22 -0.67 -2.76	32.14 -0.90 -0.87	25.22 -0.29 -1.29
NEG CENTRAL___INDECK 23768	31.02 0.16 0.00	27.39 -0.28 0.00	25.53 -0.52 -0.03	24.03 -0.39 0.00	24.20 -0.24 0.00	23.61 -0.19 -0.44	25.44 -0.20 -0.54	24.41 -0.52 -0.31	23.06 -0.72 -1.36	24.62 -0.80 -1.08	25.52 -1.25 -0.81	29.01 -1.49 -3.36	30.48 -1.65 -4.70	30.86 -1.49 -7.09	35.26 -1.05 -13.56	38.43 -0.86 -16.74	50.89 -1.17 -24.21	55.12 -1.25 -26.50	62.00 -1.01 -32.25	58.61 -0.70 -28.67	52.54 -0.73 -18.60	39.16 -0.87 -10.90	32.45 -1.03 -1.31	25.95 -0.22 -1.94
NEG CENTRAL___SENECA 23627	30.90 0.03 0.00	27.45 -0.22 0.00	25.63 -0.42 -0.02	24.16 -0.27 0.00	24.25 -0.20 0.00	23.39 -0.30 -0.34	25.21 -0.30 -0.41	24.34 -0.52 -0.23	22.86 -0.58 -1.03	24.55 -0.61 -0.82	25.78 -0.86 -0.68	27.03 -1.00 -0.89	27.60 -1.01 -1.19	26.18 -0.96 -1.88	25.66 -0.66 -3.58	26.41 -0.45 -4.31	32.38 -0.58 -5.12	34.85 -0.66 -5.63	36.94 -0.71 -6.88	36.99 -0.40 -6.75	38.79 -0.55 -4.67	31.98 -0.64 -3.48	32.26 -0.90 -0.99	25.45 -0.24 -1.47
NEG CENTRAL___STATE_STREET 24147	30.87 0.00 0.00	27.53 -0.14 0.00	25.80 -0.23 -0.02	24.28 -0.15 0.00	24.35 -0.10 0.00	23.36 -0.28 -0.28	25.12 -0.33 -0.35	24.28 -0.54 -0.20	22.75 -0.54 -0.87	24.47 -0.56 -0.69	25.82 -0.73 -0.59	26.72 -0.84 -0.41	27.06 -0.88 -0.51	25.37 -0.76 -0.86	23.83 -0.55 -1.64	24.06 -0.41 -1.91	28.88 -0.56 -1.59	31.02 -0.63 -1.77	32.36 -0.58 -2.18	32.82 -0.43 -2.60	36.22 -0.45 -1.99	30.62 -0.47 -1.95	32.37 -0.64 -0.84	25.27 -0.19 -1.24
NEG MILLWOOD___DRP 24198	33.28 2.41 0.00	29.94 2.27 0.00	28.24 2.06 -0.16	26.36 1.93 0.00	26.40 1.96 0.00	27.43 1.75 -2.33	29.85 1.91 -2.84	28.36 2.12 -1.62	31.51 1.93 -7.16	32.12 2.09 -5.69	32.52 2.28 -4.28	32.51 2.36 -3.00	33.53 2.39 -3.72	33.80 2.25 -6.29	36.80 2.14 -11.92	45.95 2.19 -21.21	52.67 2.73 -22.10	61.17 2.87 -28.42	60.43 2.98 -26.68	55.26 2.97 -21.64	54.25 3.19 -16.38	47.72 2.56 -16.02	41.82 2.77 -6.88	36.57 2.16 -10.18
NEG NORTH_FLCN_SEA 23793	30.81 -0.06 0.00	27.61 -0.06 0.00	25.99 -0.03 0.00	24.38 -0.05 0.00	24.30 -0.15 0.00	23.24 -0.12 0.00	24.98 -0.13 0.00	24.60 -0.02 0.00	22.44 0.02 0.00	24.41 0.07 0.00	26.03 0.08 0.00	27.17 0.03 0.00	27.46 0.03 0.00	25.22 -0.05 0.00	22.54 -0.20 0.00	22.24 -0.32 0.00	27.40 -0.45 0.00	29.31 -0.57 0.00	30.12 -0.65 0.00	30.03 -0.61 0.00	33.95 -0.73 0.00	28.52 -0.61 0.00	31.50 -0.68 0.00	23.45 -0.78 0.00
NEG NORTH_KES_CHATEGAY 23792	30.41 -0.46 0.00	27.28 -0.39 0.00	25.68 -0.34 0.00	24.06 -0.37 0.00	24.01 -0.44 0.00	22.96 -0.40 0.00	24.68 -0.43 0.00	24.33 -0.30 0.00	22.19 -0.22 0.00	24.12 -0.22 0.00	25.72 -0.23 0.00	26.87 -0.27 0.00	27.13 -0.30 0.00	24.91 -0.35 0.00	22.29 -0.45 0.00	21.97 -0.59 0.00	27.09 -0.75 0.00	29.01 -0.87 0.00	29.81 -0.95 0.00	29.66 -0.98 0.00	33.57 -1.11 0.00	28.20 -0.93 0.00	31.17 -1.00 0.00	23.18 -1.04 0.00
NEG NORTH___ALICE_FALLS 23915	30.90 0.03 0.00	27.72 0.06 0.00	26.07 0.05 0.00	24.43 0.00 0.00	24.35 -0.10 0.00	23.29 -0.07 0.00	25.05 -0.05 0.00	24.67 0.05 0.00	22.50 0.09 0.00	24.49 0.15 0.00	26.11 0.16 0.00	27.25 0.11 0.00	27.54 0.11 0.00	25.27 0.00 0.00	22.60 -0.14 0.00	22.28 -0.27 0.00	27.45 -0.39 0.00	29.34 -0.54 0.00	30.18 -0.58 0.00	30.09 -0.55 0.00	34.02 -0.66 0.00	28.58 -0.55 0.00	31.59 -0.58 0.00	23.48 -0.75 0.00
NEG NORTH___LWR_SARANAC 23913	30.90 0.03 0.00	27.72 0.06 0.00	26.07 0.05 0.00	24.43 0.00 0.00	24.35 -0.10 0.00	23.29 -0.07 0.00	25.05 -0.05 0.00	24.67 0.05 0.00	22.50 0.09 0.00	24.49 0.15 0.00	26.11 0.16 0.00	27.25 0.11 0.00	27.54 0.11 0.00	25.27 0.00 0.00	22.60 -0.14 0.00	22.28 -0.27 0.00	27.45 -0.39 0.00	29.34 -0.54 0.00	30.18 -0.58 0.00	30.09 -0.55 0.00	34.02 -0.66 0.00	28.58 -0.55 0.00	31.59 -0.58 0.00	23.48 -0.75 0.00
NEG NORTH___PLATTSBURG 23628	30.90 0.03 0.00	27.70 0.03 0.00	26.07 0.05 0.00	24.43 0.00 0.00	24.35 -0.10 0.00	23.29 -0.07 0.00	25.05 -0.05 0.00	24.67 0.05 0.00	22.50 0.09 0.00	24.51 0.17 0.00	26.11 0.16 0.00	27.25 0.11 0.00	27.54 0.11 0.00	25.27 0.00 0.00	22.61 -0.14 0.00	22.28 -0.27 0.00	27.45 -0.39 0.00	29.34 -0.54 0.00	30.18 -0.59 0.00	30.09 -0.55 0.00	34.09 -0.59 0.00	28.61 -0.52 0.00	31.59 -0.58 0.00	23.48 -0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	29.05 -1.82 0.00	25.48 -2.19 0.00	23.75 -2.29 -0.03	22.42 -2.00 0.00	22.59 -1.86 0.00	22.05 -1.66 -0.36	23.86 -1.68 -0.43	22.75 -2.12 -0.25	21.38 -2.13 -1.10	22.95 -2.26 -0.87	23.95 -2.73 -0.71	24.15 -2.85 0.14	24.20 -2.93 0.30	22.38 -2.58 0.31	20.22 -1.91 0.61	20.00 -1.62 0.92	22.46 -2.48 2.91	23.78 -2.96 3.14	24.07 -2.92 3.77	25.53 -2.82 2.29	30.68 -2.95 1.05	27.02 -2.77 -0.65	29.78 -3.44 -1.05	24.11 -1.67 -1.56
NEG WEST___LANCASTER 23811	29.82 -1.05 0.00	26.23 -1.44 0.00	23.91 -2.13 -0.03	23.03 -1.39 0.00	23.18 -1.27 0.00	21.65 -2.13 -0.42	23.50 -2.11 -0.51	22.45 -2.46 -0.29	21.30 -2.40 -1.29	22.83 -2.53 -1.02	23.82 -2.96 -0.82	23.81 -3.26 0.08	25.01 -2.19 0.22	22.06 -3.03 0.17	20.02 -2.37 0.35	20.50 -1.42 0.63	24.35 -0.78 2.71	25.86 -1.11 2.92	26.29 -0.98 3.50	27.92 -0.89 1.84	30.45 -3.54 0.69	26.94 -3.23 -1.04	29.61 -3.80 -1.24	24.02 -2.04 -1.83
NEG_PENN_ALLEGHNY 23528	31.21 0.34 0.00	27.81 0.14 0.00	26.05 -0.03 -0.05	24.52 0.10 0.00	24.60 0.15 0.00	24.09 -0.07 -0.80	26.03 -0.05 -0.97	25.03 -0.15 -0.56	24.67 -0.20 -2.46	26.10 -0.20 -1.95	27.08 -0.34 -1.46	27.79 -0.38 -1.03	28.43 -0.27 -1.27	27.06 -0.35 -2.15	26.66 -0.16 -4.08	27.67 0.05 -5.08	32.87 0.14 -4.89	35.57 0.09 -5.60	37.46 0.15 -6.53	38.24 0.24 -7.35	40.19 -0.10 -5.62	34.40 -0.23 -5.50	34.18 -0.35 -2.36	27.77 0.05 -3.49
NEG___GEN_MONROE 24207	29.85 -1.02 0.00	26.40 -1.27 0.00	24.79 -1.25 -0.02	23.30 -1.12 0.00	23.47 -0.98 0.00	22.85 -0.79 -0.29	24.63 -0.83 -0.35	23.62 -1.21 -0.20	22.07 -1.23 -0.89	23.71 -1.34 -0.71	24.89 -1.66 -0.59	25.69 -1.87 -0.42	25.86 -2.08 -0.52	24.45 -1.69 -0.87	23.17 -1.23 -1.66	23.38 -1.11 -1.93	27.64 -1.84 -1.64	29.49 -2.21 -1.82	30.89 -2.12 -2.24	31.38 -1.93 -2.67	35.02 -1.70 -2.04	29.56 -1.57 -1.99	31.16 -1.87 -0.86	24.77 -0.73 -1.27
NEPA___ENERGY 23901	29.91 -0.96 0.00	26.31 -1.36 0.00	24.33 -1.72 -0.03	23.11 -1.32 0.00	23.25 -1.20 0.00	22.35 -1.42 -0.42	24.29 -1.33 -0.51	23.24 -1.67 -0.29	22.01 -1.70 -1.30	23.59 -1.78 -1.03	24.63 -2.15 -0.83	24.59 -2.42 0.14	24.97 -2.14 0.32	22.68 -2.27 0.31	20.46 -1.66 0.62	20.41 -1.17 0.97	23.28 -1.31 3.25	24.70 -1.67 3.51	25.01 -1.54 4.22	26.75 -1.47 2.43	31.16 -2.46 1.05	27.64 -2.36 -0.87	30.59 -2.83 -1.25	24.76 -1.31 -1.84

NEVERSINK___HYD 23608	33.06 2.19 0.00	29.74 2.08 0.00	28.06 1.90 -0.15	26.23 1.81 0.00	26.26 1.81 0.00	27.03 1.59 -2.09	29.31 1.66 -2.55	27.95 1.87 -1.45	30.53 1.68 -6.43	31.25 1.80 -5.11	31.66 1.87 -3.83	31.76 1.93 -2.69	32.68 1.92 -3.33	32.69 1.79 -5.63	35.08 1.66 -10.68	42.28 1.76 -17.97	48.59 2.20 -18.55	55.77 2.36 -23.53	56.02 2.55 -22.70	52.61 2.57 -19.39	52.16 2.78 -14.71	45.76 2.24 -14.38	40.83 2.48 -6.18	35.33 1.96 -9.14
NEWKRMKL_115KV_TB1 55635	31.70 0.83 0.00	28.64 0.97 0.00	27.14 0.91 -0.21	25.26 0.83 0.00	25.30 0.86 0.00	26.95 0.65 -2.94	29.40 0.70 -3.59	27.29 0.62 -2.05	32.03 0.56 -9.06	32.17 0.63 -7.19	32.01 0.65 -5.41	31.64 0.71 -3.79	32.84 0.71 -4.70	33.87 0.66 -7.95	38.42 0.61 -15.06	40.40 0.59 -17.26	44.73 0.70 -16.19	48.40 0.69 -17.83	53.78 0.71 -22.31	58.32 0.64 -27.03	56.16 0.76 -20.72	49.98 0.58 -20.26	41.49 0.61 -8.70	37.61 0.51 -12.88
NEWTON___FALLS_HYD 23847	30.04 -0.83 0.00	26.89 -0.77 0.00	25.29 -0.73 0.00	23.72 -0.71 0.00	23.71 -0.73 0.00	22.65 -0.77 -0.06	24.15 -1.03 -0.07	23.70 -0.96 -0.04	21.70 -0.90 -0.19	23.59 -0.90 -0.15	25.13 -0.96 -0.13	26.21 -1.03 -0.09	26.39 -1.15 -0.12	24.33 -1.14 -0.20	22.07 -1.05 -0.37	21.90 -1.08 -0.43	26.93 -1.25 -0.34	28.97 -1.28 -0.38	30.01 -1.23 -0.47	30.07 -1.13 -0.56	33.82 -1.28 -0.43	28.56 -0.99 -0.42	31.19 -1.16 -0.18	23.52 -0.97 -0.27
NGRID_A1_DSASP 323792	28.71 -2.16 0.00	25.21 -2.46 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.98 -1.78 -0.40	23.75 -1.83 -0.48	22.58 -2.32 -0.28	21.32 -2.31 -1.22	22.85 -2.46 -0.97	23.75 -2.93 -0.72	24.00 -3.01 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.37 -2.70 2.78	23.63 -3.26 2.99	23.91 -3.26 3.59	25.56 -3.13 1.96	29.98 -3.92 0.78	26.50 -3.56 -0.92	29.64 -3.70 -1.17	24.11 -1.84 -1.73
NGRID_A2_DSASP 323793	28.71 -2.16 0.00	25.21 -2.46 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.98 -1.78 -0.40	23.75 -1.83 -0.48	22.58 -2.32 -0.28	21.32 -2.31 -1.22	22.85 -2.46 -0.97	23.75 -2.93 -0.72	24.00 -3.01 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.37 -2.70 2.78	23.63 -3.26 2.99	23.91 -3.26 3.59	25.56 -3.13 1.96	29.98 -3.92 0.78	26.50 -3.56 -0.92	29.64 -3.70 -1.17	24.11 -1.84 -1.73
NGRID_A4_DSASP 323807	28.71 -2.16 0.00	25.21 -2.46 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.98 -1.78 -0.40	23.75 -1.83 -0.48	22.58 -2.32 -0.28	21.32 -2.31 -1.22	22.85 -2.46 -0.97	23.75 -2.93 -0.72	24.00 -3.01 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.37 -2.70 2.78	23.63 -3.26 2.99	23.91 -3.26 3.59	25.56 -3.13 1.96	29.98 -3.92 0.78	26.50 -3.56 -0.92	29.64 -3.70 -1.17	24.11 -1.84 -1.73
NIAGARA_115E_LBMP 323715	28.59 -2.28 0.00	25.10 -2.57 0.00	23.37 -2.68 -0.03	22.06 -2.37 0.00	22.25 -2.20 0.00	21.77 -1.99 -0.40	23.58 -2.01 -0.48	22.43 -2.46 -0.28	21.19 -2.44 -1.22	22.70 -2.60 -0.97	23.59 -3.09 -0.73	24.00 -3.01 0.13	24.02 -3.13 0.29	22.28 -2.70 0.29	20.15 -2.02 0.57	19.91 -1.76 0.88	22.56 -2.70 2.58	23.84 -3.26 2.78	24.18 -3.26 3.33	25.68 -3.13 1.84	29.79 -4.13 0.76	26.36 -3.70 -0.93	29.45 -3.89 -1.17	23.97 -1.99 -1.73
NIAGARA_115W_LBMP 323714	28.62 -2.25 0.00	25.12 -2.54 0.00	23.52 -2.52 -0.03	22.18 -2.25 0.00	22.35 -2.10 0.00	21.93 -1.82 -0.39	23.68 -1.91 -0.48	22.53 -2.36 -0.27	21.25 -2.38 -1.21	22.80 -2.51 -0.96	23.70 -2.98 -0.72	23.98 -3.04 0.13	23.94 -3.21 0.28	22.25 -2.73 0.28	20.15 -2.02 0.57	19.87 -1.80 0.87	22.37 -2.73 2.75	23.63 -3.29 2.96	23.92 -3.29 3.55	25.55 -3.16 1.94	29.94 -3.99 0.76	26.45 -3.61 -0.93	29.54 -3.80 -1.17	24.04 -1.91 -1.73
NIAGARA_230_LBMP 323716	28.93 -1.94 0.00	25.43 -2.24 0.00	23.70 -2.34 -0.03	22.37 -2.05 0.00	22.54 -1.91 0.00	22.06 -1.68 -0.39	23.90 -1.68 -0.48	22.75 -2.14 -0.27	21.46 -2.15 -1.20	23.03 -2.26 -0.95	23.95 -2.73 -0.71	24.00 -3.04 0.11	24.00 -3.18 0.25	22.31 -2.73 0.23	20.23 -2.05 0.47	20.00 -1.80 0.75	22.61 -2.67 2.56	23.92 -3.20 2.76	24.23 -3.23 3.31	25.73 -3.09 1.82	30.49 -3.57 0.62	26.79 -3.32 -0.98	29.85 -3.48 -1.15	24.26 -1.67 -1.71
NIAGARA___115KV_198_GIBSON 55903	28.62 -2.25 0.00	25.09 -2.57 0.00	23.52 -2.52 -0.03	22.18 -2.25 0.00	22.35 -2.10 0.00	21.90 -1.82 -0.36	23.64 -1.91 -0.44	22.51 -2.36 -0.25	21.17 -2.35 -1.11	22.72 -2.51 -0.88	23.69 -2.99 -0.72	23.98 -3.04 0.13	23.94 -3.21 0.28	22.25 -2.73 0.28	20.13 -2.05 0.57	19.88 -1.80 0.87	22.18 -2.73 2.93	23.46 -3.26 3.17	23.73 -3.23 3.81	25.24 -3.16 2.25	30.43 -3.26 0.99	26.80 -3.03 -0.70	29.44 -3.80 -1.07	23.89 -1.91 -1.58
NIAGARA____ 23760	28.93 -1.94 0.00	25.43 -2.24 0.00	23.70 -2.34 -0.03	22.37 -2.05 0.00	22.54 -1.91 0.00	22.07 -1.68 -0.40	23.90 -1.68 -0.48	22.75 -2.14 -0.27	21.48 -2.15 -1.21	23.04 -2.26 -0.96	23.95 -2.73 -0.72	24.00 -3.04 0.11	24.00 -3.18 0.25	22.31 -2.73 0.23	20.23 -2.05 0.47	20.00 -1.80 0.75	22.61 -2.67 2.56	23.92 -3.20 2.76	24.23 -3.23 3.31	25.73 -3.09 1.82	30.49 -3.57 0.62	26.79 -3.32 -0.98	29.86 -3.48 -1.17	24.29 -1.67 -1.73
NINE_MILE_1 23575	30.13 -0.74 0.00	26.95 -0.72 0.00	25.30 -0.73 -0.01	23.77 -0.66 0.00	23.81 -0.64 0.00	22.65 -0.89 -0.18	24.40 -0.93 -0.22	23.54 -1.21 -0.13	21.83 -1.14 -0.56	23.57 -1.22 -0.44	24.94 -1.35 -0.34	25.91 -1.47 -0.24	26.21 -1.51 -0.29	24.40 -1.36 -0.49	22.56 -1.11 -0.94	22.58 -1.06 -1.09	27.47 -1.39 -1.02	29.46 -1.55 -1.14	30.60 -1.57 -1.40	30.91 -1.41 -1.67	34.43 -1.53 -1.28	29.11 -1.28 -1.25	31.26 -1.45 -0.54	24.25 -0.78 -0.80
NINE_MILE_2 23744	30.13 -0.74 0.00	26.95 -0.72 0.00	25.30 -0.73 -0.01	23.77 -0.66 0.00	23.81 -0.64 0.00	22.65 -0.89 -0.18	24.40 -0.93 -0.22	23.54 -1.21 -0.13	21.83 -1.14 -0.56	23.57 -1.22 -0.44	24.94 -1.35 -0.34	25.91 -1.47 -0.24	26.21 -1.51 -0.29	24.39 -1.36 -0.49	22.56 -1.11 -0.93	22.58 -1.06 -1.09	27.47 -1.39 -1.02	29.46 -1.55 -1.13	30.60 -1.57 -1.40	30.90 -1.41 -1.67	34.43 -1.53 -1.28	29.10 -1.28 -1.25	31.29 -1.41 -0.54	24.24 -0.78 -0.79
NM_CAPITAL___DRP 24208	31.76 0.90 0.00	28.66 1.00 0.00	27.16 0.94 -0.21	25.30 0.88 0.00	25.33 0.88 0.00	26.99 0.70 -2.94	29.41 0.73 -3.58	27.33 0.66 -2.05	32.06 0.61 -9.04	32.20 0.68 -7.18	32.05 0.70 -5.39	31.66 0.73 -3.78	32.86 0.74 -4.69	33.88 0.68 -7.93	38.43 0.66 -15.03	40.47 0.63 -17.29	44.83 0.75 -16.23	48.54 0.75 -17.91	53.88 0.77 -22.34	58.33 0.70 -26.98	56.19 0.83 -20.68	50.00 0.64 -20.22	41.53 0.68 -8.69	37.64 0.56 -12.85
NM_CENTRAL___DRP 24181	30.84 -0.03 0.00	27.56 -0.11 0.00	25.85 -0.18 -0.02	24.30 -0.12 0.00	24.37 -0.07 0.00	23.27 -0.30 -0.22	25.04 -0.33 -0.26	24.23 -0.54 -0.15	22.54 -0.54 -0.66	24.31 -0.56 -0.53	25.74 -0.67 -0.46	26.71 -0.76 -0.32	27.03 -0.80 -0.40	25.26 -0.68 -0.67	23.52 -0.50 -1.28	23.63 -0.41 -1.49	28.50 -0.56 -1.21	30.57 -0.66 -1.35	31.81 -0.62 -1.66	32.14 -0.49 -1.98	35.67 -0.52 -1.52	30.12 -0.50 -1.48	32.17 -0.64 -0.64	24.98 -0.19 -0.94

NM_FRONTIER___DRP 24179	28.62 -2.25 0.00	25.09 -2.57 0.00	23.52 -2.52 -0.03	22.18 -2.25 0.00	22.35 -2.10 0.00	21.90 -1.82 -0.36	23.64 -1.91 -0.44	22.51 -2.36 -0.25	21.17 -2.35 -1.11	22.72 -2.51 -0.88	23.69 -2.99 -0.72	23.98 -3.04 0.13	23.94 -3.21 0.28	22.25 -2.73 0.28	20.13 -2.05 0.57	19.88 -1.80 0.87	22.18 -2.73 2.93	23.46 -3.26 3.17	23.73 -3.23 3.81	25.24 -3.16 2.25	30.43 -3.26 0.99	26.80 -3.03 -0.70	29.44 -3.80 -1.07	23.89 -1.91 -1.58
NM_ST_REGIS___HYD 24053	29.79 -1.08 0.00	26.70 -0.97 0.00	25.16 -0.86 0.00	23.55 -0.88 0.00	23.47 -0.98 0.00	22.45 -0.91 0.00	24.05 -1.05 0.00	23.71 -0.91 0.00	21.61 -0.81 0.00	23.49 -0.85 0.00	25.10 -0.86 0.00	26.22 -0.92 0.00	26.47 -0.96 0.00	24.33 -0.93 0.00	21.74 -1.00 0.00	21.45 -1.11 0.00	26.51 -1.34 0.00	28.42 -1.46 0.00	29.26 -1.51 0.00	29.14 -1.50 0.00	33.05 -1.63 0.00	27.83 -1.31 0.00	30.79 -1.38 0.00	22.89 -1.33 0.00
NORTHPORT___1 23551	34.21 3.33 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.08 2.41 -2.32	30.57 2.64 -2.83	29.33 2.85 -1.85	34.56 2.53 -9.61	34.30 2.73 -7.24	41.00 2.83 -12.21	41.20 2.88 -11.18	41.20 2.94 -10.83	41.64 2.70 -13.66	41.92 2.55 -16.63	46.61 2.48 -21.58	53.09 3.09 -22.16	62.17 3.26 -29.03	60.78 3.38 -26.63	55.46 3.31 -21.51	54.46 3.50 -16.28	47.89 2.80 -15.95	42.37 3.28 -6.91	40.34 2.81 -13.30
NORTHPORT___2 23552	34.21 3.33 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.08 2.41 -2.32	30.57 2.64 -2.83	29.33 2.85 -1.85	34.56 2.53 -9.61	34.30 2.73 -7.24	41.00 2.83 -12.21	41.20 2.88 -11.18	41.20 2.94 -10.83	41.64 2.70 -13.66	41.92 2.55 -16.63	46.61 2.48 -21.58	53.09 3.09 -22.16	62.17 3.26 -29.03	60.78 3.38 -26.63	55.47 3.31 -21.51	54.46 3.50 -16.28	48.25 2.80 -16.32	42.37 3.28 -6.91	40.34 2.81 -13.30
NORTHPORT___3 23553	34.18 3.30 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.06 2.38 -2.32	30.57 2.64 -2.83	29.44 2.98 -1.85	34.64 2.62 -9.60	34.35 2.77 -7.24	41.00 2.83 -12.21	41.26 2.93 -11.18	41.25 2.99 -10.83	41.71 2.78 -13.66	41.94 2.57 -16.63	46.71 2.59 -21.57	53.09 3.09 -22.16	62.20 3.29 -29.03	60.83 3.45 -26.62	55.79 3.65 -21.50	54.84 3.88 -16.28	46.85 3.12 -14.59	42.43 3.63 -6.63	40.36 2.83 -13.30
NORTHPORT___4 23650	34.18 3.30 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.06 2.38 -2.32	30.57 2.64 -2.83	29.44 2.98 -1.85	34.64 2.62 -9.60	34.35 2.77 -7.24	41.00 2.83 -12.21	41.26 2.93 -11.18	41.25 2.99 -10.83	41.71 2.78 -13.66	41.94 2.57 -16.63	46.71 2.59 -21.57	53.09 3.09 -22.16	62.20 3.29 -29.03	60.83 3.45 -26.62	55.79 3.65 -21.50	54.84 3.88 -16.28	46.85 3.12 -14.59	42.43 3.63 -6.63	40.36 2.83 -13.30
NORTHPORT___IC 23718	34.21 3.33 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.10 2.66 -0.01	27.10 2.64 -0.01	28.08 2.41 -2.31	30.56 2.64 -2.82	29.33 2.86 -1.85	34.54 2.53 -9.60	34.32 2.75 -7.22	41.00 2.83 -12.21	41.20 2.88 -11.18	41.20 2.93 -10.83	41.63 2.70 -13.66	41.90 2.52 -16.63	46.63 2.50 -21.58	53.09 3.12 -22.13	62.13 3.26 -29.00	60.77 3.42 -26.59	55.41 3.31 -21.46	54.60 3.68 -16.24	48.24 2.83 -16.28	42.35 3.28 -6.89	40.31 2.81 -13.28
NORTH___COUNTRY_ESR 323785	30.34 -0.52 0.00	27.20 -0.47 0.00	25.63 -0.39 0.00	24.01 -0.42 0.00	23.96 -0.49 0.00	22.91 -0.44 0.00	24.63 -0.48 0.00	24.28 -0.34 0.00	22.15 -0.27 0.00	24.07 -0.27 0.00	25.70 -0.26 0.00	26.85 -0.30 0.00	27.10 -0.33 0.00	24.89 -0.38 0.00	22.26 -0.48 0.00	21.94 -0.61 0.00	27.04 -0.81 0.00	28.98 -0.90 0.00	29.78 -0.99 0.00	29.63 -1.01 0.00	33.53 -1.14 0.00	28.20 -0.93 0.00	31.11 -1.06 0.00	23.14 -1.09 0.00
NPX_GEN_1385_PROXY 323591	34.21 3.33 -0.01	30.86 3.18 -0.01	29.57 2.97 -0.59	27.90 2.74 -0.74	28.20 2.74 -1.01	30.25 2.47 -4.42	33.10 2.74 -5.26	37.00 2.93 -9.45	35.30 2.62 -10.26	34.30 2.73 -7.24	40.95 2.78 -12.21	40.06 2.80 -10.12	38.43 2.85 -8.15	40.10 2.60 -12.23	36.35 2.46 -11.15	39.80 2.39 -14.86	44.97 3.01 -14.12	49.38 3.17 -16.34	60.72 3.32 -26.63	55.44 3.28 -21.51	54.46 3.50 -16.28	48.25 2.80 -16.32	42.27 3.19 -6.91	37.26 2.71 -10.32
NPX_GEN_CSC 323557	34.90 4.01 -0.02	31.42 3.73 -0.02	29.63 3.43 -0.18	27.63 3.20 -0.01	27.63 3.18 -0.01	28.57 2.90 -2.32	31.09 3.16 -2.83	33.44 3.47 -5.35	35.15 3.07 -9.67	34.67 3.09 -7.24	41.41 3.24 -12.21	41.63 3.31 -11.18	41.61 3.35 -10.83	42.01 3.08 -13.66	42.31 2.93 -16.63	47.25 3.07 -21.63	53.72 3.70 -22.17	62.79 3.88 -29.03	61.58 4.12 -26.68	56.40 4.14 -21.62	55.37 4.40 -16.29	63.79 3.58 -31.07	45.63 4.12 -9.34	40.85 3.32 -13.30
NSINS_S_GLNS_FALLS 23858	32.66 1.79 0.00	29.27 1.60 0.00	27.72 1.48 -0.21	25.74 1.32 0.00	25.82 1.37 0.00	27.55 1.17 -3.02	30.02 1.23 -3.69	28.08 1.35 -2.10	33.02 1.30 -9.30	33.19 1.46 -7.39	33.06 1.56 -5.55	32.64 1.60 -3.89	33.90 1.65 -4.82	34.87 1.44 -8.16	39.53 1.32 -15.47	41.52 1.29 -17.69	46.06 1.64 -16.57	49.94 1.82 -18.24	55.57 1.94 -22.86	60.33 1.93 -27.76	58.21 2.25 -21.27	51.63 1.69 -20.80	42.88 1.77 -8.94	38.64 1.19 -13.22
NUCOR_STEEL___DRP 24197	30.96 0.09 0.00	27.61 -0.06 0.00	25.91 -0.13 -0.02	24.38 -0.05 0.00	24.42 -0.02 0.00	23.42 -0.21 -0.27	25.18 -0.25 -0.33	24.32 -0.49 -0.19	22.73 -0.52 -0.83	24.49 -0.51 -0.66	25.84 -0.67 -0.56	26.75 -0.79 -0.39	27.10 -0.82 -0.49	25.39 -0.71 -0.83	23.81 -0.50 -1.57	23.99 -0.38 -1.83	28.80 -0.56 -1.51	30.93 -0.63 -1.68	32.28 -0.55 -2.07	32.72 -0.40 -2.47	36.15 -0.42 -1.89	30.58 -0.41 -1.85	32.39 -0.58 -0.79	25.28 -0.12 -1.18
NUMBER_THREE_WT_PWR 323818	30.96 0.09 0.00	27.67 0.00 0.00	26.00 -0.03 -0.01	24.40 -0.02 0.00	24.47 0.02 0.00	23.36 -0.09 -0.10	24.80 -0.43 -0.12	24.25 -0.44 -0.07	22.29 -0.43 -0.31	24.24 -0.34 -0.24	25.75 -0.39 -0.18	26.84 -0.44 -0.13	26.93 -0.66 -0.16	24.85 -0.68 -0.27	22.70 -0.55 -0.51	22.60 -0.54 -0.59	27.82 -0.59 -0.56	29.99 -0.51 -0.62	31.17 -0.37 -0.77	31.31 -0.25 -0.91	35.06 -0.31 -0.70	29.59 -0.23 -0.68	32.08 -0.38 -0.29	24.40 -0.27 -0.44
NYISO_LBMP_REFERENCE 24008	30.87 0.00 0.00	27.67 0.00 0.00	26.02 0.00 0.00	24.43 0.00 0.00	24.45 0.00 0.00	23.36 0.00 0.00	25.10 0.00 0.00	24.62 0.00 0.00	22.41 0.00 0.00	24.34 0.00 0.00	25.96 0.00 0.00	27.15 0.00 0.00	27.43 0.00 0.00	25.27 0.00 0.00	22.74 0.00 0.00	22.55 0.00 0.00	27.84 0.00 0.00	29.88 0.00 0.00	30.77 0.00 0.00	30.65 0.00 0.00	34.68 0.00 0.00	29.14 0.00 0.00	32.17 0.00 0.00	24.23 0.00 0.00
NYPA_BRENTWD____GT 24164	34.64 3.76 -0.01	31.19 3.51 -0.01	29.42 3.23 -0.17	27.44 3.00 -0.01	27.44 2.98 -0.01	28.38 2.71 -2.32	30.92 2.99 -2.83	30.36 3.20 -2.54	34.90 2.87 -9.61	34.67 3.09 -7.24	41.41 3.24 -12.21	41.66 3.34 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.31 2.93 -16.63	47.07 2.93 -21.59	53.65 3.65 -22.16	62.76 3.86 -29.03	61.43 4.03 -26.64	56.19 4.01 -21.53	55.22 4.26 -16.28	51.59 3.41 -19.05	43.45 3.92 -7.36	40.72 3.20 -13.30

OAKDALE___35_KV_LOAD 356122	31.15 0.28 0.00	27.78 0.11 0.00	26.02 -0.05 -0.05	24.50 0.07 0.00	24.57 0.12 0.00	24.01 -0.12 -0.77	25.97 -0.08 -0.94	24.98 -0.17 -0.54	24.54 -0.25 -2.37	26.00 -0.22 -1.88	27.05 -0.36 -1.45	27.73 -0.43 -1.02	28.36 -0.33 -1.26	27.00 -0.40 -2.14	26.59 -0.20 -4.05	27.59 0.00 -5.04	32.62 0.06 -4.72	35.33 0.03 -5.42	37.17 0.09 -6.31	37.89 0.15 -7.09	39.96 -0.14 -5.42	34.20 -0.23 -5.30	34.06 -0.39 -2.28	27.62 0.02 -3.37
OCC_CHEM___DRP 24175	28.71 -2.16 0.00	25.18 -2.49 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.94 -1.78 -0.36	23.71 -1.83 -0.44	22.56 -2.31 -0.25	21.22 -2.31 -1.12	22.77 -2.46 -0.89	23.77 -2.91 -0.72	23.97 -3.04 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.15 -2.73 2.96	23.45 -3.23 3.20	23.69 -3.23 3.85	25.25 -3.13 2.27	30.44 -3.22 1.01	26.82 -3.00 -0.69	29.51 -3.73 -1.07	23.97 -1.84 -1.59
OH_GEN_PROXY 24063	28.99 -1.88 0.00	25.45 -2.21 0.00	23.75 -2.29 -0.03	22.40 -2.03 0.00	22.59 -1.86 0.00	22.09 -1.66 -0.39	23.95 -1.63 -0.48	22.80 -2.09 -0.27	21.51 -2.11 -1.20	23.08 -2.21 -0.96	24.00 -2.67 -0.72	24.11 -2.99 0.05	24.16 -3.10 0.17	22.50 -2.65 0.11	20.50 -2.00 0.24	20.33 -1.76 0.46	23.13 -2.59 2.12	24.49 -3.11 2.28	24.90 -3.14 2.73	26.33 -3.00 1.31	30.90 -3.47 0.31	27.04 -3.24 -1.14	29.95 -3.38 -1.16	24.29 -1.65 -1.71
OLIN_CORP_DRP 24177	28.65 -2.22 0.00	25.12 -2.55 0.00	23.44 -2.60 -0.03	22.11 -2.32 0.00	22.30 -2.15 0.00	21.78 -1.94 -0.37	23.59 -1.96 -0.45	22.46 -2.41 -0.25	21.14 -2.40 -1.13	22.70 -2.53 -0.89	23.68 -3.01 -0.73	23.99 -3.01 0.14	24.03 -3.10 0.30	22.26 -2.70 0.30	20.11 -2.02 0.60	19.87 -1.76 0.92	22.27 -2.70 2.87	23.55 -3.23 3.10	23.84 -3.20 3.72	25.30 -3.13 2.22	30.45 -3.19 1.04	26.85 -2.97 -0.69	29.42 -3.83 -1.08	23.89 -1.94 -1.60
OLIN_CORP_DSASP 323712	28.71 -2.16 0.00	25.21 -2.46 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.98 -1.78 -0.40	23.75 -1.83 -0.48	22.58 -2.32 -0.28	21.32 -2.31 -1.22	22.85 -2.46 -0.97	23.75 -2.93 -0.72	24.00 -3.01 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.37 -2.70 2.78	23.63 -3.26 2.99	23.91 -3.26 3.59	25.56 -3.13 1.96	29.98 -3.92 0.78	26.50 -3.56 -0.92	29.64 -3.70 -1.17	24.11 -1.84 -1.73
ONEIDA_HERK_LFGE 323681	31.33 0.46 0.00	28.06 0.39 0.00	26.36 0.34 -0.01	24.74 0.32 0.00	24.82 0.37 0.00	23.70 0.26 -0.09	25.31 0.10 -0.10	24.75 0.07 -0.06	22.74 0.07 -0.26	24.67 0.12 -0.21	26.24 0.13 -0.16	27.36 0.11 -0.11	27.59 0.03 -0.14	25.45 -0.05 -0.23	23.22 0.05 -0.44	23.10 0.05 -0.51	28.44 0.11 -0.48	30.59 0.18 -0.53	31.70 0.28 -0.66	31.77 0.34 -0.79	35.59 0.31 -0.60	29.99 0.26 -0.59	32.62 0.19 -0.25	24.82 0.22 -0.37
ONEIDA___115KV_TB4 55905	31.64 0.77 0.00	28.30 0.64 0.00	26.58 0.55 -0.01	24.99 0.56 0.00	25.06 0.61 0.00	23.94 0.44 -0.14	25.67 0.40 -0.17	25.04 0.32 -0.10	23.11 0.27 -0.43	24.97 0.29 -0.34	26.53 0.29 -0.29	27.62 0.27 -0.20	27.96 0.27 -0.25	25.87 0.18 -0.43	23.83 0.27 -0.81	23.84 0.34 -0.95	29.07 0.45 -0.78	31.26 0.51 -0.87	32.45 0.62 -1.07	32.63 0.70 -1.28	36.35 0.69 -0.98	30.65 0.55 -0.96	33.07 0.48 -0.41	25.34 0.51 -0.61
ONONDAGA_REF_OCCRA 23987	30.93 0.06 0.00	27.64 -0.03 0.00	25.91 -0.13 -0.02	24.38 -0.05 0.00	24.42 -0.02 0.00	23.39 -0.23 -0.26	25.17 -0.25 -0.32	24.34 -0.47 -0.18	22.75 -0.47 -0.81	24.52 -0.46 -0.64	25.91 -0.60 -0.55	26.88 -0.65 -0.38	27.22 -0.69 -0.47	25.46 -0.61 -0.80	23.83 -0.43 -1.52	23.99 -0.34 -1.77	28.88 -0.45 -1.48	31.01 -0.51 -1.64	32.33 -0.46 -2.03	32.73 -0.34 -2.42	36.15 -0.38 -1.85	30.57 -0.38 -1.81	32.40 -0.55 -0.78	25.26 -0.12 -1.15
ONONDAGA___COGEN 23986	30.87 0.00 0.00	27.58 -0.08 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.28 -0.30 -0.22	25.03 -0.35 -0.27	24.19 -0.59 -0.16	22.52 -0.58 -0.69	24.31 -0.58 -0.55	25.71 -0.73 -0.48	26.67 -0.81 -0.34	27.00 -0.85 -0.42	25.24 -0.73 -0.71	23.54 -0.55 -1.35	23.67 -0.45 -1.57	28.46 -0.64 -1.26	30.56 -0.72 -1.40	31.82 -0.68 -1.73	32.16 -0.55 -2.06	35.70 -0.55 -1.58	30.16 -0.52 -1.55	32.16 -0.68 -0.66	24.99 -0.22 -0.98
ONTARIO___LFGE 23819	30.90 0.03 0.00	27.45 -0.22 0.00	25.63 -0.42 -0.02	24.16 -0.27 0.00	24.25 -0.20 0.00	23.42 -0.30 -0.37	25.26 -0.30 -0.45	24.36 -0.52 -0.26	22.97 -0.58 -1.14	24.64 -0.61 -0.91	25.78 -0.86 -0.68	27.03 -1.00 -0.89	27.60 -1.01 -1.19	26.18 -0.96 -1.88	25.66 -0.66 -3.58	26.41 -0.45 -4.31	32.58 -0.59 -5.32	35.07 -0.66 -5.85	37.21 -0.71 -7.15	37.32 -0.40 -7.07	39.00 -0.59 -4.92	32.16 -0.70 -3.72	32.37 -0.90 -1.10	25.61 -0.24 -1.62
ORANGEVILLE_WT_PWR 323706	29.82 -1.05 0.00	26.23 -1.44 0.00	24.33 -1.72 -0.03	22.96 -1.46 0.00	23.08 -1.37 0.00	22.38 -1.45 -0.47	24.15 -1.53 -0.57	23.13 -1.82 -0.33	21.96 -1.91 -1.45	23.52 -1.97 -1.15	24.38 -2.44 -0.86	22.33 -2.74 2.07	21.68 -2.66 3.08	18.25 -2.63 4.39	12.16 -2.14 8.44	9.97 -1.85 10.73	7.32 -2.34 18.18	7.40 -2.66 19.82	4.12 -2.62 24.03	9.05 -2.39 19.21	19.81 -3.33 11.54	21.85 -3.00 4.29	30.32 -3.25 -1.39	24.62 -1.67 -2.06
ORANGEVILLE___ESR 323794	29.82 -1.05 0.00	26.23 -1.44 0.00	24.33 -1.72 -0.03	22.96 -1.46 0.00	23.08 -1.37 0.00	22.38 -1.45 -0.47	24.15 -1.53 -0.57	23.13 -1.82 -0.33	21.96 -1.91 -1.45	23.52 -1.97 -1.15	24.38 -2.44 -0.86	22.33 -2.74 2.07	21.68 -2.66 3.08	18.25 -2.63 4.39	12.16 -2.14 8.44	9.97 -1.85 10.73	7.32 -2.34 18.18	7.40 -2.66 19.82	4.12 -2.62 24.03	9.05 -2.39 19.21	19.81 -3.33 11.54	21.85 -3.00 4.29	30.32 -3.25 -1.39	24.62 -1.67 -2.06
OSWEGATCHIE___HYD 24044	30.04 -0.83 0.00	26.86 -0.80 0.00	25.29 -0.73 0.00	23.72 -0.71 0.00	23.72 -0.73 0.00	22.66 -0.77 -0.07	24.16 -1.03 -0.09	23.71 -0.96 -0.05	21.74 -0.90 -0.23	23.62 -0.90 -0.18	25.13 -0.96 -0.13	26.21 -1.03 -0.09	26.39 -1.15 -0.12	24.33 -1.14 -0.20	22.07 -1.05 -0.37	21.90 -1.08 -0.43	27.00 -1.25 -0.41	29.05 -1.28 -0.46	30.10 -1.23 -0.56	30.19 -1.13 -0.67	33.95 -1.25 -0.52	28.65 -0.99 -0.50	31.23 -1.16 -0.22	23.58 -0.97 -0.32
OSWEGO___5 23606	30.31 -0.55 0.00	27.09 -0.58 0.00	25.43 -0.60 -0.01	23.91 -0.51 0.00	23.96 -0.49 0.00	22.83 -0.72 -0.20	24.52 -0.83 -0.24	23.68 -1.08 -0.14	21.99 -1.03 -0.61	23.73 -1.09 -0.49	25.07 -1.25 -0.36	26.07 -1.33 -0.25	26.34 -1.40 -0.31	24.56 -1.24 -0.53	22.74 -1.00 -1.00	22.77 -0.95 -1.17	27.71 -1.25 -1.12	29.72 -1.40 -1.24	30.88 -1.41 -1.53	31.21 -1.26 -1.82	34.72 -1.35 -1.40	29.37 -1.14 -1.37	31.47 -1.29 -0.59	24.42 -0.68 -0.87
OSWEGO___6 23613	30.31 -0.55 0.00	27.09 -0.58 0.00	25.43 -0.60 -0.01	23.91 -0.51 0.00	23.96 -0.49 0.00	22.83 -0.72 -0.20	24.52 -0.83 -0.24	23.68 -1.08 -0.14	21.99 -1.03 -0.61	23.73 -1.09 -0.49	25.07 -1.25 -0.36	26.07 -1.33 -0.25	26.34 -1.40 -0.31	24.56 -1.24 -0.53	22.74 -1.00 -1.00	22.77 -0.95 -1.17	27.71 -1.25 -1.12	29.72 -1.40 -1.24	30.88 -1.41 -1.53	31.21 -1.26 -1.82	34.72 -1.35 -1.40	29.37 -1.14 -1.37	31.47 -1.29 -0.59	24.42 -0.68 -0.87

OUTOKUMPU-AB___DRP 24206	29.26 -1.61 0.00	25.68 -1.99 0.00	23.94 -2.11 -0.03	22.59 -1.83 0.00	22.76 -1.69 0.00	22.16 -1.56 -0.37	23.97 -1.58 -0.45	22.83 -2.04 -0.26	21.51 -2.04 -1.14	23.08 -2.17 -0.90	24.10 -2.60 -0.74	24.23 -2.74 0.17	24.32 -2.77 0.34	22.40 -2.50 0.37	20.20 -1.82 0.72	19.97 -1.51 1.07	22.37 -2.26 3.22	23.68 -2.72 3.48	23.93 -2.65 4.19	25.54 -2.54 2.56	30.63 -2.84 1.20	27.10 -2.65 -0.62	29.92 -3.35 -1.09	24.27 -1.57 -1.62
OXBOW___BTM 323836	29.02 -1.85 0.00	25.48 -2.19 0.00	23.78 -2.26 -0.03	22.45 -1.98 0.00	22.61 -1.83 0.00	22.10 -1.66 -0.40	23.91 -1.68 -0.49	22.76 -2.14 -0.28	21.49 -2.15 -1.23	23.03 -2.29 -0.98	23.96 -2.73 -0.73	24.14 -2.85 0.15	24.15 -2.96 0.32	22.36 -2.58 0.33	20.20 -1.89 0.65	19.94 -1.62 0.98	22.51 -2.42 2.91	23.78 -2.96 3.14	24.08 -2.92 3.77	25.74 -2.79 2.11	30.16 -3.64 0.88	26.69 -3.32 -0.88	29.85 -3.51 -1.18	24.30 -1.67 -1.75
OXBOW___ 24026	29.02 -1.85 0.00	25.45 -2.21 0.00	23.78 -2.26 -0.03	22.45 -1.98 0.00	22.61 -1.83 0.00	22.06 -1.66 -0.37	23.87 -1.68 -0.45	22.73 -2.14 -0.25	21.39 -2.15 -1.13	22.95 -2.29 -0.90	23.96 -2.73 -0.73	24.14 -2.85 0.15	24.15 -2.96 0.32	22.36 -2.58 0.33	20.18 -1.91 0.65	19.94 -1.62 0.98	22.30 -2.45 3.09	23.58 -2.96 3.34	23.85 -2.89 4.02	25.44 -2.79 2.42	30.59 -2.98 1.11	26.99 -2.80 -0.65	29.75 -3.51 -1.08	24.16 -1.67 -1.60
OXY_CHEM_DSASP 323612	28.71 -2.16 0.00	25.18 -2.49 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.94 -1.78 -0.36	23.71 -1.83 -0.44	22.56 -2.31 -0.25	21.22 -2.31 -1.12	22.77 -2.46 -0.89	23.77 -2.91 -0.72	23.97 -3.04 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.15 -2.73 2.96	23.45 -3.23 3.20	23.69 -3.23 3.85	25.25 -3.13 2.27	30.44 -3.22 1.01	26.82 -3.00 -0.69	29.51 -3.73 -1.07	23.97 -1.84 -1.59
OZONE_PARK_ESR 323760	33.82 2.93 -0.01	30.39 2.71 -0.01	28.64 2.45 -0.18	26.73 2.30 -0.01	26.78 2.32 -0.01	27.69 2.03 -2.30	30.20 2.28 -2.81	31.02 2.54 -3.86	32.91 2.26 -8.23	35.44 2.46 -8.65	38.25 2.62 -9.67	43.46 2.71 -13.60	47.43 2.80 -17.21	47.41 2.60 -19.54	48.68 2.43 -23.51	56.79 2.50 -31.74	55.03 3.09 -24.10	76.44 3.29 -43.28	60.72 3.38 -26.57	55.46 3.37 -21.44	54.51 3.61 -16.23	47.97 2.94 -15.89	42.22 3.22 -6.84	36.88 2.54 -10.11
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.71 -2.16 0.00	25.18 -2.49 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.94 -1.78 -0.36	23.71 -1.83 -0.44	22.56 -2.31 -0.25	21.22 -2.31 -1.12	22.77 -2.46 -0.89	23.77 -2.91 -0.72	23.97 -3.04 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.15 -2.73 2.96	23.45 -3.23 3.20	23.69 -3.23 3.85	25.25 -3.13 2.27	30.44 -3.22 1.01	26.82 -3.00 -0.69	29.51 -3.73 -1.07	23.97 -1.84 -1.59
PACKARD___115KV_DUPONT_184 80571	28.71 -2.16 0.00	25.18 -2.49 0.00	23.57 -2.47 -0.03	22.23 -2.20 0.00	22.42 -2.03 0.00	21.94 -1.78 -0.36	23.71 -1.83 -0.44	22.56 -2.31 -0.25	21.22 -2.31 -1.12	22.77 -2.46 -0.89	23.77 -2.91 -0.72	23.97 -3.04 0.13	23.96 -3.18 0.29	22.27 -2.70 0.29	20.13 -2.02 0.58	19.88 -1.78 0.89	22.15 -2.73 2.96	23.45 -3.23 3.20	23.69 -3.23 3.85	25.25 -3.13 2.27	30.44 -3.22 1.01	26.82 -3.00 -0.69	29.51 -3.73 -1.07	23.97 -1.84 -1.59
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.42 2.53 -0.02	30.12 2.43 -0.02	28.41 2.21 -0.18	26.49 2.05 -0.02	26.52 2.05 -0.02	27.48 1.82 -2.30	29.95 2.03 -2.81	28.54 2.22 -1.71	31.62 1.99 -7.21	32.26 2.17 -5.75	32.95 2.28 -4.71	33.20 2.36 -3.69	34.38 2.44 -4.51	34.60 2.27 -7.06	37.37 2.14 -12.49	46.32 2.21 -21.56	52.65 2.70 -22.11	61.72 2.87 -28.98	60.32 2.98 -26.57	55.03 2.94 -21.44	54.06 3.16 -16.23	47.58 2.56 -15.88	41.83 2.83 -6.83	36.55 2.23 -10.10
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.63 2.75 -0.02	30.31 2.63 -0.02	28.59 2.39 -0.18	26.69 2.25 -0.02	26.71 2.25 -0.02	27.67 2.01 -2.30	30.12 2.21 -2.81	28.71 2.39 -1.71	31.75 2.13 -7.21	32.38 2.29 -5.75	33.08 2.41 -4.71	33.36 2.52 -3.69	34.52 2.58 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.48 2.37 -21.56	52.85 2.90 -22.11	61.93 3.08 -28.98	60.54 3.20 -26.57	55.28 3.19 -21.44	54.31 3.40 -16.23	47.78 2.77 -15.88	42.06 3.06 -6.83	36.75 2.42 -10.10
PATROON___115KV_TB1 80586	31.76 0.90 0.00	28.69 1.02 0.00	27.19 0.96 -0.21	25.30 0.88 0.00	25.35 0.90 0.00	27.01 0.70 -2.95	29.46 0.75 -3.60	27.37 0.69 -2.06	32.13 0.63 -9.09	32.26 0.71 -7.22	32.11 0.73 -5.42	31.74 0.79 -3.80	32.94 0.80 -4.71	33.97 0.73 -7.97	38.54 0.68 -15.11	40.54 0.65 -17.33	44.88 0.78 -16.26	48.57 0.78 -17.92	53.97 0.80 -22.40	58.50 0.74 -27.12	56.33 0.87 -20.78	50.10 0.64 -20.33	41.61 0.71 -8.73	37.70 0.56 -12.92
PATTRSNVILLE___SOLAR 323815	32.23 1.36 0.00	28.91 1.25 0.00	27.38 1.14 -0.22	25.48 1.05 0.00	25.52 1.07 0.00	27.37 0.91 -3.10	29.84 0.95 -3.79	27.77 0.99 -2.16	32.84 0.87 -9.56	32.88 0.95 -7.59	32.64 0.99 -5.69	32.11 0.98 -3.99	33.33 0.96 -4.95	34.49 0.86 -8.37	39.38 0.77 -15.86	41.42 0.77 -18.10	45.79 0.97 -16.98	49.70 1.16 -18.66	55.53 1.32 -23.44	60.54 1.38 -28.51	58.09 1.56 -21.85	51.70 1.20 -21.37	42.67 1.32 -9.18	38.78 0.97 -13.58
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.76 -1.11 0.00	26.15 -1.52 0.00	23.99 -2.06 -0.03	22.96 -1.47 0.00	23.10 -1.34 0.00	21.87 -1.89 -0.40	23.69 -1.91 -0.49	22.64 -2.27 -0.28	21.42 -2.24 -1.24	22.97 -2.36 -0.99	23.98 -2.78 -0.80	23.92 -3.07 0.16	24.77 -2.33 0.33	22.07 -2.86 0.34	19.88 -2.18 0.67	20.10 -1.42 1.03	23.42 -1.17 3.26	24.84 -1.52 3.52	25.12 -1.42 4.23	26.83 -1.32 2.50	30.29 -3.26 1.13	26.90 -3.00 -0.77	29.76 -3.60 -1.20	24.15 -1.84 -1.77
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.28 2.41 0.00	29.94 2.27 0.00	28.24 2.06 -0.16	26.36 1.93 0.00	26.40 1.96 0.00	27.43 1.75 -2.33	29.85 1.91 -2.84	28.36 2.12 -1.62	31.51 1.93 -7.16	32.12 2.09 -5.69	32.52 2.28 -4.28	32.51 2.36 -3.00	33.53 2.39 -3.72	33.80 2.25 -6.29	36.80 2.14 -11.92	45.95 2.19 -21.21	52.67 2.73 -22.10	61.17 2.87 -28.42	60.43 2.98 -26.68	55.26 2.97 -21.64	54.25 3.19 -16.38	47.72 2.56 -16.02	41.82 2.77 -6.88	36.57 2.16 -10.18
PEEKSKILL___ 23653	33.09 2.22 0.00	29.80 2.13 0.00	28.13 1.95 -0.16	26.23 1.81 0.00	26.26 1.81 0.00	27.23 1.59 -2.29	29.68 1.78 -2.79	28.30 2.02 -1.66	31.30 1.81 -7.07	31.96 1.95 -5.68	32.40 2.10 -4.35	32.55 2.17 -3.24	33.67 2.22 -4.02	33.90 2.10 -6.53	36.73 1.98 -12.01	45.74 2.03 -21.15	52.18 2.51 -21.83	60.96 2.66 -28.43	59.78 2.74 -26.27	54.64 2.73 -21.27	53.66 2.88 -16.10	47.22 2.33 -15.75	41.51 2.57 -6.77	36.27 2.04 -10.01
PGE MADISON___WINDPWR 24146	33.19 2.32 0.00	29.55 1.88 0.00	27.66 1.59 -0.05	25.99 1.56 0.00	26.18 1.74 0.00	25.59 1.47 -0.77	27.37 1.33 -0.93	26.46 1.30 -0.53	25.85 1.08 -2.36	27.31 1.10 -1.87	28.53 1.17 -1.40	29.47 1.19 -1.13	30.12 1.26 -1.42	28.57 0.94 -2.37	28.30 1.07 -4.49	29.38 1.24 -5.59	35.43 1.78 -5.80	38.53 2.06 -6.59	40.82 2.31 -7.74	41.38 2.42 -8.31	43.11 2.25 -6.18	36.62 1.81 -5.67	36.14 1.70 -2.26	29.17 1.60 -3.35

PIERCEFIELD___HYD 23852	29.54 -1.33 0.00	26.51 -1.16 0.00	24.95 -1.07 0.00	23.38 -1.05 0.00	23.30 -1.15 0.00	22.26 -1.10 0.00	23.85 -1.26 0.00	23.49 -1.13 0.00	21.41 -1.01 0.00	23.27 -1.07 0.00	24.91 -1.12 -0.07	26.03 -1.17 -0.05	26.28 -1.21 -0.06	24.21 -1.16 -0.11	21.76 -1.18 -0.20	21.50 -1.29 -0.23	26.31 -1.53 0.00	28.24 -1.64 0.00	29.08 -1.69 0.00	28.99 -1.65 0.00	32.87 -1.80 0.00	27.71 -1.43 0.00	30.66 -1.51 0.00	22.80 -1.43 0.00
PINELAWN_CC_1 323563	34.40 3.52 -0.01	30.97 3.29 -0.01	29.21 3.02 -0.17	27.24 2.81 -0.01	27.24 2.79 -0.01	28.22 2.55 -2.32	30.72 2.79 -2.83	29.68 3.03 -2.04	34.68 2.69 -9.58	34.47 2.90 -7.24	41.23 3.06 -12.21	41.47 3.15 -11.18	41.44 3.18 -10.83	41.89 2.95 -13.66	42.15 2.77 -16.63	46.72 2.59 -21.57	53.20 3.20 -22.16	62.19 3.29 -29.02	60.84 3.45 -26.63	55.74 3.58 -21.51	54.77 3.81 -16.28	49.12 3.09 -16.90	42.97 3.79 -7.01	40.55 3.03 -13.30
PJM_GEN_HTTP_PROXY 323702	33.47 2.59 -0.01	30.14 2.46 -0.01	28.43 2.24 -0.17	26.51 2.07 -0.01	26.53 2.08 -0.01	27.51 1.84 -2.31	29.98 2.06 -2.82	30.25 2.31 -3.32	32.47 2.08 -7.97	34.50 2.24 -7.92	36.69 2.39 -8.35	40.62 2.47 -11.00	43.86 2.52 -13.91	43.91 2.35 -16.29	45.62 2.23 -20.65	53.98 2.28 -29.15	54.28 2.81 -23.62	72.54 2.99 -39.67	60.45 3.08 -26.61	55.20 3.06 -21.49	54.17 3.23 -16.27	47.68 2.62 -15.92	41.92 2.90 -6.85	36.65 2.30 -10.12
PJM_GEN_KEystone 24065	31.39 0.52 0.00	28.03 0.36 0.00	26.28 0.16 -0.10	24.67 0.24 0.00	24.74 0.29 0.00	24.89 0.09 -1.44	27.11 0.25 -1.76	26.00 0.22 -1.16	27.04 0.11 -4.51	28.22 0.15 -3.73	29.01 0.03 -3.02	29.54 -0.05 -2.45	30.57 0.11 -3.03	29.78 0.03 -4.49	30.53 0.23 -7.56	35.40 0.47 -12.38	40.22 0.61 -11.76	46.42 0.54 -16.00	45.47 0.62 -14.09	43.31 0.64 -12.02	44.17 0.21 -9.29	38.62 0.00 -9.48	36.46 0.03 -4.26	30.94 0.41 -6.30
PJM_GEN_NEPTUNE_PROXY 323594	33.84 2.96 -0.01	30.50 2.82 -0.01	28.77 2.58 -0.17	26.83 2.40 -0.01	26.85 2.40 -0.01	27.82 2.15 -2.32	30.32 2.39 -2.83	28.94 2.61 -1.71	34.35 2.31 -9.63	34.09 2.51 -7.24	40.82 2.65 -12.21	41.04 2.71 -11.18	41.03 2.77 -10.83	41.51 2.58 -13.66	41.78 2.41 -16.63	46.66 2.53 -21.58	53.12 3.12 -22.16	62.23 3.32 -29.03	60.78 3.38 -26.63	55.55 3.40 -21.51	54.56 3.61 -16.28	47.94 2.89 -15.92	42.26 3.25 -6.85	40.09 2.57 -13.30
PJM_GEN_VFT_PROXY 323633	33.35 2.47 -0.01	30.06 2.38 -0.01	28.35 2.16 -0.18	26.44 2.00 -0.01	26.47 2.01 -0.01	27.44 1.77 -2.31	29.90 1.98 -2.82	30.78 2.29 -3.87	32.70 2.04 -8.25	34.21 2.19 -7.68	37.89 2.34 -9.60	42.63 2.42 -13.07	47.08 2.44 -17.21	47.11 2.30 -19.54	48.41 2.16 -23.51	56.50 2.21 -31.74	54.67 2.70 -24.13	76.06 2.87 -43.31	60.33 2.95 -26.61	55.08 2.94 -21.49	54.07 3.12 -16.27	47.62 2.56 -15.92	41.87 2.86 -6.84	36.61 2.25 -10.13
PLATSBURG_115KV_PMLD1 355749	30.81 -0.06 0.00	27.61 -0.06 0.00	25.99 -0.03 0.00	24.35 -0.07 0.00	24.28 -0.17 0.00	23.22 -0.14 0.00	24.98 -0.13 0.00	24.60 -0.02 0.00	22.44 0.02 0.00	24.39 0.05 0.00	26.01 0.05 0.00	27.17 0.03 0.00	27.43 0.00 0.00	25.19 -0.08 0.00	22.54 -0.20 0.00	22.21 -0.34 0.00	27.37 -0.47 0.00	29.28 -0.60 0.00	30.09 -0.68 0.00	30.00 -0.64 0.00	33.95 -0.73 0.00	28.50 -0.64 0.00	31.50 -0.68 0.00	23.43 -0.80 0.00
PLEASANTVLY___LBMP 24000	32.85 1.98 0.00	29.60 1.94 0.00	27.96 1.77 -0.17	26.06 1.64 0.00	26.09 1.64 0.00	27.22 1.45 -2.41	29.65 1.61 -2.94	28.10 1.80 -1.68	31.44 1.59 -7.43	31.97 1.73 -5.90	32.24 1.84 -4.44	32.16 1.90 -3.11	33.20 1.92 -3.86	33.61 1.82 -6.52	36.81 1.71 -12.36	46.71 1.76 -22.40	53.42 2.17 -23.41	62.38 2.27 -30.23	61.28 2.37 -28.15	55.47 2.36 -22.46	54.17 2.50 -17.00	47.80 2.04 -16.62	41.53 2.22 -7.14	36.56 1.77 -10.56
PLSNTVLE_13_KV_13.8KVDIST 80602	33.18 2.32 0.00	29.88 2.21 0.00	28.21 2.03 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.34 1.66 -2.32	29.79 1.86 -2.83	28.18 2.07 -1.50	31.36 1.86 -7.09	31.87 2.02 -5.51	32.09 2.15 -3.98	31.79 2.23 -2.42	32.72 2.30 -2.98	32.97 2.15 -5.56	36.03 2.02 -11.26	45.37 2.07 -20.74	52.52 2.56 -22.12	60.44 2.72 -27.84	60.36 2.80 -26.79	55.03 2.79 -21.59	53.97 2.95 -16.34	47.51 2.39 -15.98	41.67 2.64 -6.87	36.47 2.08 -10.16
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.18 2.32 0.00	29.88 2.21 0.00	28.21 2.03 -0.16	26.31 1.88 0.00	26.33 1.88 0.00	27.34 1.66 -2.32	29.79 1.86 -2.83	28.18 2.07 -1.50	31.36 1.86 -7.09	31.87 2.02 -5.51	32.09 2.15 -3.98	31.79 2.23 -2.42	32.72 2.30 -2.98	32.97 2.15 -5.56	36.03 2.02 -11.26	45.37 2.07 -20.74	52.52 2.56 -22.12	60.44 2.72 -27.84	60.36 2.80 -26.79	55.03 2.79 -21.59	53.97 2.95 -16.34	47.51 2.39 -15.98	41.67 2.64 -6.87	36.47 2.08 -10.16
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.97 2.10 0.00	29.72 2.05 0.00	28.06 1.87 -0.17	26.18 1.76 0.00	26.21 1.76 0.00	27.28 1.54 -2.38	29.66 1.66 -2.90	28.12 1.85 -1.66	31.39 1.66 -7.32	31.96 1.80 -5.81	32.20 1.87 -4.37	32.14 1.93 -3.07	33.15 1.92 -3.80	33.51 1.82 -6.43	36.61 1.68 -12.18	45.19 1.76 -20.88	51.61 2.17 -21.59	59.70 2.30 -27.52	59.53 2.46 -26.30	55.18 2.45 -22.09	54.05 2.64 -16.74	47.64 2.13 -16.37	41.55 2.35 -7.03	36.47 1.84 -10.41
POLETTI_____ 23519	31.83 2.13 1.17	29.95 2.27 -0.02	28.20 2.00 -0.18	26.27 1.83 -0.02	26.30 1.83 -0.02	27.27 1.61 -2.30	29.75 1.83 -2.81	30.67 2.19 -3.86	31.55 1.93 -7.21	31.83 2.02 -5.47	31.67 2.13 -3.58	31.67 2.20 -2.33	31.67 2.28 -1.97	31.67 2.15 -4.26	31.67 2.02 -6.91	33.66 2.07 -9.03	33.87 2.48 -3.55	42.97 2.66 -10.44	41.25 2.71 -7.77	35.99 2.64 -2.71	35.00 2.81 2.49	31.69 2.39 -0.16	31.65 2.57 3.09	31.65 2.04 -5.38
POMONA___ESR 323819	33.06 2.19 0.00	29.77 2.10 0.00	28.10 1.93 -0.16	26.21 1.78 0.00	26.23 1.78 0.00	27.18 1.59 -2.24	29.59 1.76 -2.73	28.17 1.99 -1.56	31.09 1.79 -6.89	31.76 1.95 -5.47	32.14 2.08 -4.10	32.17 2.14 -2.88	33.16 2.17 -3.56	33.34 2.05 -6.03	36.10 1.93 -11.43	44.81 1.99 -20.28	51.43 2.45 -21.13	59.64 2.60 -27.16	59.02 2.71 -25.54	54.14 2.70 -20.80	53.30 2.88 -15.75	46.84 2.30 -15.40	41.33 2.54 -6.62	36.02 2.01 -9.79
PORT_JEFF_3 23555	34.78 3.89 -0.02	31.31 3.62 -0.02	29.53 3.33 -0.18	27.51 3.08 -0.01	27.54 3.08 -0.01	28.48 2.80 -2.32	30.99 3.06 -2.83	33.33 3.32 -5.38	35.04 2.96 -9.67	34.72 3.14 -7.24	41.47 3.30 -12.21	41.72 3.39 -11.18	41.64 3.37 -10.83	42.06 3.13 -13.66	42.33 2.96 -16.63	47.19 3.00 -21.63	53.72 3.70 -22.17	62.79 3.88 -29.03	61.51 4.06 -26.68	56.31 4.04 -21.62	55.30 4.33 -16.29	63.85 3.49 -31.22	45.56 4.02 -9.37	40.77 3.25 -13.30
PORT_JEFF_4 23616	34.78 3.89 -0.02	31.31 3.62 -0.02	29.53 3.33 -0.18	27.51 3.08 -0.01	27.54 3.08 -0.01	28.48 2.80 -2.32	30.99 3.06 -2.83	33.33 3.32 -5.38	35.04 2.96 -9.67	34.72 3.14 -7.24	41.47 3.30 -12.21	41.72 3.39 -11.18	41.64 3.37 -10.83	42.06 3.13 -13.66	42.33 2.96 -16.63	47.19 3.00 -21.63	53.72 3.70 -22.17	62.79 3.88 -29.03	61.51 4.06 -26.68	56.31 4.04 -21.62	55.30 4.33 -16.29	63.85 3.49 -31.22	45.56 4.02 -9.37	40.77 3.25 -13.30

PORT_JEFF_IC 23713	34.81 3.92 -0.02	31.34 3.65 -0.02	29.56 3.36 -0.19	27.54 3.10 -0.01	27.56 3.10 -0.01	28.50 2.83 -2.31	31.01 3.09 -2.82	33.92 3.35 -5.95	35.05 2.98 -9.66	34.75 3.19 -7.22	41.52 3.35 -12.21	41.74 3.42 -11.18	41.69 3.43 -10.83	42.09 3.16 -13.66	42.35 2.98 -16.63	47.24 3.04 -21.64	53.75 3.76 -22.14	62.73 3.85 -28.99	61.51 4.09 -26.65	56.31 4.08 -21.59	55.30 4.37 -16.26	66.29 3.58 -33.57	46.00 4.09 -9.74	40.77 3.27 -13.28
PPL PILGRIM_ST_GT1 24216	34.64 3.76 -0.01	31.19 3.51 -0.01	29.42 3.23 -0.17	27.44 3.00 -0.01	27.44 2.98 -0.01	28.38 2.71 -2.32	30.92 2.99 -2.83	30.36 3.20 -2.54	34.90 2.87 -9.61	34.67 3.09 -7.24	41.41 3.24 -12.21	41.66 3.34 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.31 2.93 -16.63	47.07 2.93 -21.59	53.65 3.65 -22.16	62.76 3.86 -29.03	61.43 4.03 -26.64	56.19 4.01 -21.53	55.22 4.26 -16.28	51.59 3.41 -19.05	43.45 3.92 -7.36	40.72 3.20 -13.30
PPL PILGRIM_ST_GT2 24217	34.64 3.76 -0.01	31.19 3.51 -0.01	29.42 3.23 -0.17	27.44 3.00 -0.01	27.44 2.98 -0.01	28.38 2.71 -2.32	30.92 2.99 -2.83	30.36 3.20 -2.54	34.90 2.87 -9.61	34.67 3.09 -7.24	41.41 3.24 -12.21	41.66 3.34 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.31 2.93 -16.63	47.07 2.93 -21.59	53.65 3.65 -22.16	62.76 3.86 -29.03	61.43 4.03 -26.64	56.19 4.01 -21.53	55.22 4.26 -16.28	51.59 3.41 -19.05	43.45 3.92 -7.36	40.72 3.20 -13.30
PPL_SHRM_GT3 24213	35.00 4.11 -0.02	31.51 3.82 -0.02	29.71 3.51 -0.18	27.68 3.25 -0.01	27.68 3.23 -0.01	28.64 2.97 -2.32	31.17 3.24 -2.83	33.66 3.55 -5.50	35.20 3.11 -9.67	34.72 3.14 -7.24	41.44 3.27 -12.21	41.69 3.37 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.33 2.96 -16.63	47.30 3.11 -21.64	53.77 3.76 -22.17	62.88 3.97 -29.03	61.67 4.22 -26.69	56.50 4.23 -21.62	55.51 4.54 -16.29	64.50 3.67 -31.69	45.83 4.21 -9.44	40.92 3.39 -13.30
PPL_SHRM_GT4 24214	35.00 4.11 -0.02	31.51 3.82 -0.02	29.71 3.51 -0.18	27.68 3.25 -0.01	27.68 3.23 -0.01	28.64 2.97 -2.32	31.17 3.24 -2.83	33.66 3.55 -5.50	35.20 3.11 -9.67	34.72 3.14 -7.24	41.44 3.27 -12.21	41.69 3.37 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.33 2.96 -16.63	47.30 3.11 -21.64	53.77 3.76 -22.17	62.88 3.97 -29.03	61.67 4.22 -26.69	56.50 4.23 -21.62	55.51 4.54 -16.29	64.50 3.67 -31.69	45.83 4.21 -9.44	40.92 3.39 -13.30
PROJECT___ORANGE 1 24174	30.87 0.00 0.00	27.56 -0.11 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.30 -0.28 -0.22	25.07 -0.30 -0.27	24.23 -0.54 -0.15	22.55 -0.54 -0.68	24.34 -0.54 -0.54	25.75 -0.67 -0.47	26.74 -0.73 -0.33	27.07 -0.77 -0.40	25.27 -0.68 -0.68	23.56 -0.48 -1.30	23.68 -0.38 -1.51	28.52 -0.56 -1.23	30.62 -0.63 -1.37	31.87 -0.58 -1.69	32.20 -0.46 -2.02	35.74 -0.49 -1.54	30.18 -0.47 -1.51	32.21 -0.61 -0.65	25.02 -0.17 -0.96
PROJECT___ORANGE 2 24166	30.87 0.00 0.00	27.56 -0.11 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.30 -0.28 -0.22	25.07 -0.30 -0.27	24.23 -0.54 -0.15	22.55 -0.54 -0.68	24.34 -0.54 -0.54	25.75 -0.67 -0.47	26.74 -0.73 -0.33	27.07 -0.77 -0.40	25.27 -0.68 -0.68	23.56 -0.48 -1.30	23.68 -0.38 -1.51	28.52 -0.56 -1.23	30.62 -0.63 -1.37	31.87 -0.58 -1.69	32.20 -0.46 -2.02	35.74 -0.49 -1.54	30.18 -0.47 -1.51	32.21 -0.61 -0.65	25.02 -0.17 -0.96
PUCKETT___SOLAR 323809	31.67 0.80 0.00	28.25 0.58 0.00	26.47 0.39 -0.06	24.89 0.46 0.00	24.99 0.54 0.00	24.48 0.30 -0.82	26.42 0.33 -1.00	25.44 0.25 -0.57	25.04 0.11 -2.51	26.46 0.12 -2.00	27.45 0.00 -1.50	28.14 -0.05 -1.05	28.76 0.03 -1.30	27.34 -0.13 -2.20	26.96 0.05 -4.17	27.97 0.23 -5.19	33.29 0.44 -5.00	36.09 0.48 -5.73	38.07 0.62 -6.68	38.93 0.77 -7.52	40.91 0.49 -5.75	35.05 0.29 -5.62	34.78 0.19 -2.41	28.24 0.44 -3.57
PYRITES___HYD 24023	30.19 -0.68 0.00	27.06 -0.61 0.00	25.50 -0.52 0.00	23.89 -0.54 0.00	23.84 -0.61 0.00	22.77 -0.58 0.00	24.35 -0.75 0.00	23.98 -0.64 0.00	21.81 -0.61 0.00	23.66 -0.68 0.00	25.26 -0.70 0.00	26.41 -0.73 0.00	26.66 -0.77 0.00	24.51 -0.76 0.00	21.92 -0.82 0.00	21.63 -0.92 0.00	26.84 -1.00 0.00	28.86 -1.02 0.00	29.81 -0.95 0.00	29.73 -0.92 0.00	33.67 -1.01 0.00	28.41 -0.73 0.00	31.40 -0.77 0.00	23.35 -0.87 0.00
QUAKERRD_115KV_BK1 80622	29.51 -1.36 0.00	26.20 -1.47 0.00	24.58 -1.46 -0.02	23.08 -1.34 0.00	23.23 -1.22 0.00	22.56 -1.07 -0.28	24.31 -1.13 -0.34	23.38 -1.43 -0.19	21.87 -1.39 -0.85	23.53 -1.48 -0.67	24.79 -1.74 -0.57	25.59 -1.95 -0.40	25.76 -2.17 -0.49	24.31 -1.79 -0.84	22.96 -1.36 -1.59	23.12 -1.29 -1.85	27.44 -1.95 -1.55	29.30 -2.30 -1.72	30.61 -2.28 -2.12	31.00 -2.18 -2.53	34.61 -2.01 -1.94	29.23 -1.81 -1.90	30.96 -2.03 -0.82	24.39 -1.04 -1.21
QUENSBRY_115KV_TB8 356137	32.69 1.82 0.00	29.27 1.60 0.00	27.72 1.48 -0.21	25.74 1.32 0.00	25.82 1.37 0.00	27.55 1.17 -3.02	30.02 1.23 -3.69	28.10 1.38 -2.11	33.04 1.32 -9.31	33.22 1.48 -7.39	33.09 1.58 -5.55	32.67 1.63 -3.90	33.93 1.67 -4.83	34.89 1.47 -8.16	39.56 1.34 -15.48	41.55 1.31 -17.69	46.09 1.67 -16.58	49.97 1.85 -18.24	55.60 1.97 -22.87	60.38 1.96 -27.77	58.25 2.29 -21.28	51.64 1.69 -20.82	42.92 1.80 -8.94	38.67 1.21 -13.23
RAMAPO___LBMP 323565	32.94 2.07 0.00	29.66 1.99 0.00	28.00 1.82 -0.16	26.14 1.71 0.00	26.16 1.71 0.00	27.07 1.49 -2.21	29.49 1.68 -2.70	28.08 1.92 -1.54	30.93 1.70 -6.82	31.63 1.87 -5.41	32.00 1.97 -4.07	32.04 2.04 -2.86	33.05 2.08 -3.54	33.22 1.97 -5.98	35.93 1.84 -11.34	44.55 1.92 -20.08	51.10 2.37 -20.89	59.23 2.51 -26.84	58.61 2.58 -25.26	53.81 2.57 -20.59	53.01 2.74 -15.59	46.60 2.21 -15.24	41.17 2.45 -6.55	35.85 1.94 -9.69
RANKINE____ 23646	29.57 -1.30 0.00	25.98 -1.69 0.00	24.04 -2.00 -0.03	22.81 -1.61 0.00	22.96 -1.49 0.00	22.14 -1.61 -0.39	23.98 -1.61 -0.48	22.90 -1.99 -0.27	21.61 -2.02 -1.22	23.19 -2.12 -0.97	24.20 -2.54 -0.78	24.01 -2.85 0.28	24.29 -2.63 0.51	22.01 -2.65 0.60	19.59 -1.98 1.18	19.37 -1.53 1.65	21.70 -1.95 4.20	22.97 -2.36 4.55	23.01 -2.28 5.48	24.89 -2.18 3.58	29.84 -3.02 1.82	26.73 -2.80 -0.39	30.03 -3.31 -1.17	24.35 -1.60 -1.73
RAVENSWOOD_GT2_1 24244	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT2_2 24245	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11

RAVENSWOOD_GT2_3 24246	33.51 2.62 -0.02	30.17 2.49 -0.02	28.49 2.29 -0.18	26.57 2.13 -0.02	26.59 2.13 -0.02	27.55 1.89 -2.30	30.02 2.11 -2.81	31.32 2.34 -4.36	33.01 2.11 -8.48	35.93 2.29 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.13 2.40 -22.46	51.07 2.25 -26.07	58.92 2.30 -34.06	55.24 2.84 -24.55	79.45 3.02 -46.55	60.44 3.11 -26.57	55.18 3.10 -21.44	54.20 3.29 -16.23	47.71 2.68 -15.89	41.97 2.96 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT2_4 24247	33.51 2.62 -0.02	30.17 2.49 -0.02	28.49 2.29 -0.18	26.57 2.13 -0.02	26.59 2.13 -0.02	27.55 1.89 -2.30	30.02 2.11 -2.81	31.32 2.34 -4.36	33.01 2.11 -8.48	35.93 2.29 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.13 2.40 -22.46	51.07 2.25 -26.07	58.92 2.30 -34.06	55.24 2.84 -24.55	79.45 3.02 -46.55	60.44 3.11 -26.57	55.18 3.10 -21.44	54.20 3.29 -16.23	47.71 2.68 -15.89	41.97 2.96 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT3_1 24248	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.57 2.13 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT3_2 24249	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.57 2.13 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT3_3 24250	33.54 2.65 -0.02	30.20 2.52 -0.02	28.49 2.29 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.05 2.13 -2.81	31.34 2.36 -4.36	33.03 2.13 -8.48	35.93 2.29 -9.31	39.26 2.44 -10.86	45.60 2.52 -15.93	50.21 2.61 -20.18	50.16 2.43 -22.46	51.09 2.27 -26.07	58.94 2.32 -34.06	55.27 2.87 -24.55	79.48 3.05 -46.55	60.47 3.14 -26.57	55.21 3.13 -21.44	54.24 3.33 -16.23	47.74 2.71 -15.89	42.00 2.99 -6.84	36.69 2.35 -10.11
RAVENSWOOD_GT3_4 24251	33.54 2.65 -0.02	30.20 2.52 -0.02	28.49 2.29 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.05 2.13 -2.81	31.34 2.36 -4.36	33.03 2.13 -8.48	35.93 2.29 -9.31	39.26 2.44 -10.86	45.60 2.52 -15.93	50.21 2.61 -20.18	50.16 2.43 -22.46	51.09 2.27 -26.07	58.94 2.32 -34.06	55.27 2.87 -24.55	79.48 3.05 -46.55	60.47 3.14 -26.57	55.21 3.13 -21.44	54.24 3.33 -16.23	47.74 2.71 -15.89	42.00 2.99 -6.84	36.69 2.35 -10.11
RAVENSWOOD_GT_1 23729	33.57 2.69 -0.02	30.26 2.57 -0.02	28.54 2.34 -0.18	26.62 2.17 -0.02	26.64 2.18 -0.02	27.60 1.94 -2.30	30.07 2.16 -2.81	31.34 2.36 -4.36	33.03 2.13 -8.48	37.38 2.31 -10.73	39.26 2.44 -10.86	46.36 2.52 -16.69	50.21 2.61 -20.18	50.16 2.43 -22.46	51.09 2.27 -26.07	58.96 2.35 -34.06	55.24 2.84 -24.55	79.48 3.05 -46.55	60.47 3.14 -26.57	55.21 3.13 -21.44	54.24 3.33 -16.23	47.77 2.74 -15.89	42.02 2.99 -6.86	36.71 2.37 -10.11
RAVENSWOOD_GT_10 24258	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT_11 24259	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT_4 24252	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	36.99 2.26 -10.39	39.23 2.41 -10.86	46.15 2.50 -16.51	50.16 2.55 -20.18	50.11 2.37 -22.46	51.07 2.25 -26.07	58.92 2.30 -34.06	55.24 2.84 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.18 3.10 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.95 2.93 -6.85	36.66 2.33 -10.11
RAVENSWOOD_GT_5 24254	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	36.99 2.26 -10.39	39.23 2.41 -10.86	46.15 2.50 -16.51	50.16 2.55 -20.18	50.11 2.37 -22.46	51.07 2.25 -26.07	58.92 2.30 -34.06	55.24 2.84 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.18 3.10 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.95 2.93 -6.85	36.66 2.33 -10.11
RAVENSWOOD_GT_6 24253	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	36.99 2.26 -10.39	39.23 2.41 -10.86	46.15 2.50 -16.51	50.16 2.55 -20.18	50.11 2.37 -22.46	51.07 2.25 -26.07	58.92 2.30 -34.06	55.24 2.84 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.18 3.10 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.95 2.93 -6.85	36.66 2.33 -10.11
RAVENSWOOD_GT_7 24255	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	36.99 2.26 -10.39	39.23 2.41 -10.86	46.15 2.50 -16.51	50.16 2.55 -20.18	50.11 2.37 -22.46	51.07 2.25 -26.07	58.92 2.30 -34.06	55.24 2.84 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.18 3.10 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.95 2.93 -6.85	36.66 2.33 -10.11
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11
RAVENSWOOD_GT_9 24257	33.48 2.59 -0.02	30.17 2.49 -0.02	28.46 2.26 -0.18	26.54 2.10 -0.02	26.57 2.10 -0.02	27.53 1.87 -2.30	30.00 2.08 -2.81	31.32 2.34 -4.36	32.98 2.08 -8.48	35.91 2.26 -9.31	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.11 2.37 -22.46	51.04 2.23 -26.07	58.92 2.30 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.41 3.08 -26.57	55.15 3.06 -21.44	54.17 3.26 -16.23	47.71 2.68 -15.89	41.94 2.93 -6.84	36.66 2.33 -10.11

RAVENSWOOD___1 23533	33.54 2.66 -0.02	30.26 2.57 -0.02	28.54 2.34 -0.18	26.61 2.17 -0.02	26.64 2.18 -0.02	27.58 1.92 -2.31	30.05 2.13 -2.82	31.32 2.34 -4.36	33.02 2.11 -8.50	35.95 2.29 -9.32	39.23 2.41 -10.86	45.57 2.50 -15.93	50.18 2.58 -20.18	50.13 2.40 -22.46	51.09 2.27 -26.07	58.96 2.35 -34.06	55.27 2.84 -24.58	79.48 3.02 -46.58	60.48 3.11 -26.61	55.23 3.09 -21.49	54.27 3.33 -16.27	47.74 2.68 -15.93	41.98 2.96 -6.86	36.71 2.35 -10.13
RAVENSWOOD___2 23534	33.54 2.66 -0.02	30.23 2.54 -0.02	28.51 2.31 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.31	30.05 2.13 -2.82	31.32 2.34 -4.36	33.00 2.08 -8.50	35.92 2.26 -9.32	39.23 2.41 -10.86	45.57 2.50 -15.93	50.18 2.58 -20.18	50.13 2.40 -22.46	51.07 2.25 -26.07	58.94 2.32 -34.06	55.24 2.81 -24.58	79.48 3.02 -46.58	60.48 3.11 -26.61	55.23 3.09 -21.49	54.27 3.33 -16.27	47.72 2.65 -15.93	41.98 2.96 -6.86	36.71 2.35 -10.13
RAVENSWOOD___3 23535	33.51 2.62 -0.02	30.18 2.49 -0.02	28.46 2.26 -0.18	26.57 2.12 -0.02	26.57 2.10 -0.02	27.56 1.89 -2.31	30.00 2.08 -2.82	31.32 2.34 -4.36	33.00 2.08 -8.50	35.92 2.26 -9.32	39.23 2.41 -10.86	45.57 2.50 -15.93	50.16 2.55 -20.18	50.10 2.37 -22.46	51.07 2.25 -26.07	58.92 2.30 -34.06	55.24 2.81 -24.58	79.45 2.99 -46.58	60.45 3.08 -26.61	55.23 3.09 -21.49	54.20 3.26 -16.27	47.72 2.65 -15.93	41.95 2.93 -6.86	36.69 2.33 -10.13
RAVENSWOOD___4 23820	33.54 2.66 -0.01	30.23 2.54 -0.02	28.51 2.31 -0.18	26.59 2.15 -0.01	26.62 2.15 -0.01	27.58 1.92 -2.31	30.03 2.11 -2.82	31.30 2.31 -4.36	33.00 2.08 -8.50	34.52 2.26 -7.92	39.23 2.41 -10.86	44.82 2.50 -15.18	50.18 2.58 -20.18	50.13 2.40 -22.46	51.07 2.25 -26.07	58.94 2.32 -34.06	55.24 2.81 -24.58	79.45 2.99 -46.58	60.48 3.11 -26.61	55.23 3.09 -21.49	54.27 3.33 -16.27	47.72 2.65 -15.93	41.97 2.96 -6.84	36.68 2.33 -10.13
RCPL_TRUST___DRP 24196	33.69 2.81 -0.01	30.36 2.68 -0.01	28.61 2.42 -0.17	26.71 2.27 -0.01	26.73 2.27 -0.01	27.67 2.01 -2.30	30.17 2.26 -2.81	30.44 2.51 -3.31	32.63 2.26 -7.96	34.71 2.46 -7.91	36.92 2.62 -8.35	40.86 2.71 -11.00	44.11 2.77 -13.91	44.16 2.60 -16.29	45.83 2.43 -20.65	54.20 2.50 -29.15	54.53 3.09 -23.59	72.81 3.29 -39.64	60.69 3.35 -26.56	55.43 3.34 -21.44	54.44 3.54 -16.23	47.90 2.88 -15.88	42.12 3.12 -6.83	36.82 2.50 -10.10
RED___ROCHESTER 323720	30.16 -0.71 0.00	26.70 -0.97 0.00	25.02 -1.02 -0.02	23.52 -0.90 0.00	23.69 -0.76 0.00	23.09 -0.58 -0.32	24.89 -0.60 -0.39	23.91 -0.94 -0.22	22.46 -0.94 -0.99	24.13 -1.00 -0.78	25.30 -1.25 -0.59	26.12 -1.44 -0.41	26.27 -1.67 -0.51	24.81 -1.31 -0.86	23.51 -0.86 -1.64	23.67 -0.79 -1.91	28.25 -1.39 -1.80	30.15 -1.73 -2.00	31.51 -1.72 -2.47	32.03 -1.56 -2.94	35.62 -1.32 -2.26	30.00 -1.34 -2.21	31.71 -1.41 -0.95	25.12 -0.51 -1.40
REGAN___SOLAR 323812	33.31 2.44 0.00	29.77 2.10 0.00	28.20 1.95 -0.23	26.19 1.76 0.00	26.28 1.83 0.00	28.20 1.61 -3.23	30.73 1.68 -3.94	28.65 1.77 -2.25	33.96 1.59 -9.95	34.00 1.75 -7.90	33.70 1.82 -5.93	33.12 1.82 -4.16	34.36 1.78 -5.15	35.52 1.54 -8.72	40.68 1.41 -16.52	42.81 1.33 -18.93	47.41 1.78 -17.78	51.62 2.15 -19.58	57.70 2.43 -24.50	62.92 2.57 -29.70	60.35 2.91 -22.76	53.61 2.21 -22.26	44.18 2.44 -9.56	40.10 1.72 -14.15
RENSSELAER___COGEN 23796	31.64 0.77 0.00	28.58 0.91 0.00	27.06 0.83 -0.21	25.23 0.80 0.00	25.25 0.81 0.00	26.89 0.61 -2.93	29.33 0.65 -3.57	27.23 0.57 -2.04	31.94 0.52 -9.01	32.08 0.58 -7.16	31.90 0.57 -5.37	31.54 0.62 -3.77	32.73 0.63 -4.67	33.74 0.58 -7.89	38.25 0.54 -14.97	40.26 0.52 -17.18	44.60 0.61 -16.15	48.32 0.63 -17.81	53.65 0.65 -22.24	58.10 0.55 -26.90	55.95 0.66 -20.61	49.79 0.49 -20.16	41.38 0.55 -8.66	37.50 0.46 -12.81
REPUBLIC_115KV_BARTNBRK 55605	33.65 2.78 0.00	30.10 2.43 0.00	28.47 2.24 -0.21	26.40 1.98 0.00	26.50 2.05 0.00	28.15 1.78 -3.02	30.70 1.91 -3.69	28.82 2.09 -2.10	33.71 1.99 -9.30	33.99 2.26 -7.39	33.92 2.41 -5.55	33.48 2.44 -3.89	34.78 2.52 -4.82	35.60 2.17 -8.16	40.21 2.00 -15.47	42.15 1.92 -17.69	46.95 2.53 -16.57	50.95 2.84 -18.24	56.67 3.05 -22.86	61.50 3.10 -27.76	59.52 3.57 -21.27	52.59 2.65 -20.80	43.88 2.77 -8.94	39.27 1.82 -13.22
REVERE_CPPR_DRP 24186	31.83 0.96 0.00	28.44 0.77 0.00	26.70 0.68 -0.01	25.11 0.68 0.00	25.21 0.76 0.00	24.06 0.58 -0.12	25.72 0.48 -0.14	25.12 0.42 -0.08	23.16 0.38 -0.36	25.07 0.44 -0.29	26.65 0.44 -0.25	27.78 0.46 -0.17	28.08 0.44 -0.22	25.94 0.30 -0.37	23.82 0.39 -0.69	23.79 0.43 -0.81	29.09 0.58 -0.66	31.30 0.69 -0.74	32.48 0.80 -0.91	32.62 0.89 -1.09	36.38 0.87 -0.83	30.68 0.73 -0.81	33.16 0.64 -0.35	25.37 0.63 -0.52
REYNLDPA_13_KV_LD 356490	30.47 -0.40 0.00	27.34 -0.33 0.00	25.73 -0.29 0.00	24.11 -0.32 0.00	24.06 -0.39 0.00	22.98 -0.37 0.00	24.68 -0.43 0.00	24.28 -0.34 0.00	22.12 -0.29 0.00	24.05 -0.29 0.00	25.70 -0.26 0.00	26.87 -0.27 0.00	27.15 -0.27 0.00	24.99 -0.28 0.00	22.38 -0.36 0.00	22.10 -0.45 0.00	27.31 -0.53 0.00	29.28 -0.60 0.00	30.09 -0.68 0.00	29.94 -0.70 0.00	33.95 -0.73 0.00	28.58 -0.55 0.00	31.66 -0.51 0.00	23.62 -0.61 0.00
REYNOLDS_115KV_TB3 80639	31.86 0.99 0.00	28.72 1.05 0.00	27.19 0.96 -0.21	25.33 0.90 0.00	25.35 0.90 0.00	27.01 0.72 -2.93	29.46 0.78 -3.58	27.40 0.74 -2.04	32.11 0.67 -9.03	32.26 0.75 -7.17	32.10 0.75 -5.39	31.74 0.81 -3.78	32.93 0.82 -4.68	33.94 0.76 -7.92	38.45 0.70 -15.01	40.73 0.70 -17.48	45.16 0.84 -16.48	49.02 0.84 -18.31	54.20 0.86 -22.57	58.35 0.77 -26.94	56.22 0.90 -20.64	50.05 0.73 -20.19	41.65 0.80 -8.67	37.66 0.61 -12.83
RIVERBAY____ 323610	33.63 2.75 -0.02	30.31 2.63 -0.02	28.59 2.39 -0.18	26.69 2.25 -0.02	26.71 2.25 -0.02	27.67 2.01 -2.30	30.12 2.21 -2.81	28.71 2.39 -1.71	31.75 2.13 -7.21	32.38 2.29 -5.75	33.08 2.41 -4.71	33.36 2.52 -3.69	34.52 2.58 -4.51	34.75 2.43 -7.06	37.50 2.27 -12.49	46.48 2.37 -21.56	52.85 2.90 -22.11	61.93 3.08 -28.98	60.54 3.20 -26.57	55.28 3.19 -21.44	54.31 3.40 -16.23	47.78 2.77 -15.88	42.06 3.06 -6.83	36.75 2.42 -10.10
RIVERSDE_115KV_TB3 55908	31.76 0.90 0.00	28.66 1.00 0.00	27.16 0.94 -0.21	25.30 0.88 0.00	25.33 0.88 0.00	26.99 0.70 -2.94	29.41 0.73 -3.58	27.33 0.66 -2.05	32.06 0.61 -9.04	32.20 0.68 -7.18	32.05 0.70 -5.39	31.66 0.73 -3.78	32.86 0.74 -4.69	33.88 0.68 -7.93	38.43 0.66 -15.03	40.47 0.63 -17.29	44.83 0.75 -16.23	48.54 0.75 -17.91	53.88 0.77 -22.34	58.33 0.70 -26.98	56.19 0.83 -20.68	50.00 0.64 -20.22	41.53 0.68 -8.69	37.64 0.56 -12.85
ROARING___BROOK_WT_PWR 323790	30.62 -0.25 0.00	27.42 -0.25 0.00	25.78 -0.23 0.00	24.21 -0.22 0.00	24.20 -0.24 0.00	23.03 -0.33 0.00	24.73 -0.38 0.00	24.23 -0.39 0.00	22.05 -0.36 0.00	23.95 -0.39 0.00	25.54 -0.42 0.00	26.74 -0.41 0.00	26.99 -0.44 0.00	24.86 -0.41 0.00	22.35 -0.39 0.00	22.12 -0.43 0.00	27.29 -0.56 0.00	29.25 -0.63 0.00	30.09 -0.68 0.00	29.94 -0.70 0.00	33.88 -0.80 0.00	28.47 -0.67 0.00	31.43 -0.74 0.00	23.64 -0.58 0.00

ROCHESRG_115KV_T4 355643	29.88 -0.99 0.00	26.45 -1.22 0.00	24.82 -1.22 -0.02	23.30 -1.12 0.00	23.47 -0.98 0.00	22.82 -0.82 -0.28	24.65 -0.80 -0.35	23.66 -1.16 -0.20	22.12 -1.17 -0.87	23.79 -1.24 -0.69	25.04 -1.51 -0.58	25.84 -1.71 -0.41	25.96 -1.97 -0.51	24.56 -1.57 -0.86	23.25 -1.11 -1.63	23.41 -1.04 -1.89	27.71 -1.73 -1.59	29.59 -2.06 -1.77	30.92 -2.03 -2.18	31.32 -1.93 -2.60	35.01 -1.66 -2.00	29.55 -1.54 -1.95	31.24 -1.77 -0.84	24.72 -0.75 -1.24
ROCHESTER_9_IC 23652	30.04 -0.83 0.00	26.59 -1.08 0.00	24.95 -1.09 -0.02	23.42 -1.00 0.00	23.57 -0.88 0.00	22.94 -0.70 -0.29	24.75 -0.70 -0.35	23.79 -1.03 -0.20	22.24 -1.05 -0.88	23.94 -1.10 -0.70	25.17 -1.38 -0.59	25.98 -1.57 -0.41	26.13 -1.81 -0.51	24.69 -1.44 -0.86	23.40 -0.98 -1.64	23.56 -0.90 -1.91	27.89 -1.56 -1.60	29.78 -1.88 -1.78	31.12 -1.85 -2.20	31.52 -1.75 -2.62	35.23 -1.46 -2.01	29.73 -1.37 -1.97	31.44 -1.58 -0.84	24.85 -0.63 -1.25
ROCKVIEW_13_KV_LD 356306	33.37 2.50 0.00	30.05 2.38 0.00	28.34 2.16 -0.16	26.43 2.00 0.00	26.45 2.00 0.00	27.44 1.78 -2.30	29.90 1.98 -2.81	28.41 2.24 -1.55	31.50 2.02 -7.07	32.09 2.19 -5.56	32.39 2.34 -4.10	32.26 2.42 -2.70	33.26 2.50 -3.33	33.50 2.35 -5.88	36.45 2.21 -11.51	45.66 2.26 -20.86	52.61 2.78 -21.98	60.83 2.96 -27.99	60.38 3.05 -26.57	55.09 3.00 -21.44	54.10 3.19 -16.23	47.60 2.59 -15.87	41.82 2.83 -6.82	36.57 2.25 -10.09
ROME____115KV_TB2 80656	31.83 0.96 0.00	28.44 0.77 0.00	26.70 0.68 -0.01	25.11 0.68 0.00	25.21 0.76 0.00	24.06 0.58 -0.12	25.72 0.48 -0.14	25.12 0.42 -0.08	23.16 0.38 -0.36	25.07 0.44 -0.29	26.65 0.44 -0.25	27.78 0.46 -0.17	28.08 0.44 -0.22	25.94 0.30 -0.37	23.82 0.39 -0.69	23.79 0.43 -0.81	29.09 0.58 -0.66	31.30 0.69 -0.74	32.48 0.80 -0.91	32.62 0.89 -1.09	36.38 0.87 -0.83	30.68 0.73 -0.81	33.16 0.64 -0.35	25.37 0.63 -0.52
ROSETON___1 23587	32.85 1.98 0.00	29.60 1.94 0.00	27.95 1.77 -0.16	26.09 1.66 0.00	26.09 1.64 0.00	27.09 1.45 -2.29	29.50 1.61 -2.79	28.01 1.80 -1.59	31.07 1.61 -7.04	31.69 1.75 -5.59	31.99 1.84 -4.19	32.02 1.93 -2.94	33.02 1.95 -3.64	33.28 1.84 -6.17	36.16 1.73 -11.69	45.17 1.78 -20.84	51.76 2.17 -21.74	60.15 2.30 -27.97	59.41 2.40 -26.24	54.31 2.39 -21.27	53.35 2.57 -16.10	46.92 2.04 -15.75	41.22 2.28 -6.76	36.03 1.79 -10.01
ROSETON___2 23588	32.85 1.98 0.00	29.60 1.94 0.00	27.95 1.77 -0.16	26.09 1.66 0.00	26.09 1.64 0.00	27.09 1.45 -2.29	29.50 1.61 -2.79	28.01 1.80 -1.59	31.07 1.61 -7.04	31.69 1.75 -5.59	31.99 1.84 -4.19	32.02 1.93 -2.94	33.02 1.95 -3.64	33.28 1.84 -6.17	36.16 1.73 -11.69	45.17 1.78 -20.84	51.76 2.17 -21.74	60.15 2.30 -27.97	59.41 2.40 -26.24	54.31 2.39 -21.27	53.35 2.57 -16.10	46.92 2.04 -15.75	41.22 2.28 -6.76	36.03 1.79 -10.01
ROTRRDAM_115KV_TB3 80664	31.92 1.05 0.00	28.64 0.97 0.00	27.15 0.91 -0.22	25.28 0.85 0.00	25.30 0.86 0.00	27.11 0.70 -3.05	29.58 0.75 -3.72	27.53 0.79 -2.12	32.50 0.69 -9.39	32.58 0.78 -7.46	32.36 0.80 -5.60	31.89 0.81 -3.93	33.12 0.82 -4.87	34.26 0.76 -8.23	39.06 0.70 -15.61	41.05 0.72 -17.78	45.38 0.89 -16.64	49.11 0.96 -18.28	54.80 1.05 -22.99	59.70 1.04 -28.01	57.33 1.18 -21.47	51.06 0.93 -21.00	42.19 1.00 -9.02	38.32 0.75 -13.35
RUSSELL___1 23602	30.16 -0.71 0.00	26.70 -0.97 0.00	25.02 -1.01 -0.02	23.52 -0.90 0.00	23.69 -0.76 0.00	23.06 -0.58 -0.29	24.85 -0.60 -0.35	23.88 -0.94 -0.20	22.35 -0.94 -0.88	24.04 -1.00 -0.70	25.30 -1.25 -0.59	26.12 -1.44 -0.41	26.27 -1.67 -0.51	24.82 -1.31 -0.86	23.51 -0.86 -1.64	23.69 -0.77 -1.91	28.06 -1.39 -1.60	29.93 -1.73 -1.78	31.27 -1.69 -2.20	31.70 -1.56 -2.62	35.40 -1.28 -2.01	29.91 -1.19 -1.97	31.60 -1.42 -0.84	24.97 -0.51 -1.25
RUSSELL___2 23532	30.16 -0.71 0.00	26.70 -0.97 0.00	25.02 -1.01 -0.02	23.52 -0.90 0.00	23.69 -0.76 0.00	23.06 -0.58 -0.29	24.85 -0.60 -0.35	23.88 -0.94 -0.20	22.35 -0.94 -0.88	24.04 -1.00 -0.70	25.30 -1.25 -0.59	26.12 -1.44 -0.41	26.27 -1.67 -0.51	24.82 -1.31 -0.86	23.51 -0.86 -1.64	23.69 -0.77 -1.91	28.06 -1.39 -1.60	29.93 -1.73 -1.78	31.27 -1.69 -2.20	31.70 -1.56 -2.62	35.40 -1.28 -2.01	29.91 -1.19 -1.97	31.60 -1.42 -0.84	24.97 -0.51 -1.25
RUSSELL___3 23549	30.16 -0.71 0.00	26.70 -0.97 0.00	25.02 -1.01 -0.02	23.52 -0.90 0.00	23.69 -0.76 0.00	23.06 -0.58 -0.29	24.85 -0.60 -0.35	23.88 -0.94 -0.20	22.35 -0.94 -0.88	24.04 -1.00 -0.70	25.30 -1.25 -0.59	26.12 -1.44 -0.41	26.27 -1.67 -0.51	24.82 -1.31 -0.86	23.51 -0.86 -1.64	23.69 -0.77 -1.91	28.06 -1.39 -1.60	29.93 -1.73 -1.78	31.27 -1.69 -2.20	31.70 -1.56 -2.62	35.40 -1.28 -2.01	29.91 -1.19 -1.97	31.60 -1.42 -0.84	24.97 -0.51 -1.25
RUSSELL___4 23556	30.16 -0.71 0.00	26.70 -0.97 0.00	25.02 -1.01 -0.02	23.52 -0.90 0.00	23.69 -0.76 0.00	23.06 -0.58 -0.29	24.85 -0.60 -0.35	23.88 -0.94 -0.20	22.35 -0.94 -0.88	24.04 -1.00 -0.70	25.30 -1.25 -0.59	26.12 -1.44 -0.41	26.27 -1.67 -0.51	24.82 -1.31 -0.86	23.51 -0.86 -1.64	23.69 -0.77 -1.91	28.06 -1.39 -1.60	29.93 -1.73 -1.78	31.27 -1.69 -2.20	31.70 -1.56 -2.62	35.40 -1.28 -2.01	29.91 -1.19 -1.97	31.60 -1.42 -0.84	24.97 -0.51 -1.25
RUSSELL___STATION 23914	30.16 -0.71 0.00	26.70 -0.97 0.00	25.02 -1.01 -0.02	23.52 -0.90 0.00	23.69 -0.76 0.00	23.06 -0.58 -0.29	24.85 -0.60 -0.35	23.88 -0.94 -0.20	22.35 -0.94 -0.88	24.04 -1.00 -0.70	25.30 -1.25 -0.59	26.12 -1.44 -0.41	26.27 -1.67 -0.51	24.82 -1.31 -0.86	23.51 -0.86 -1.64	23.69 -0.77 -1.91	28.06 -1.39 -1.60	29.93 -1.73 -1.78	31.27 -1.69 -2.20	31.70 -1.56 -2.62	35.40 -1.28 -2.01	29.91 -1.19 -1.97	31.60 -1.42 -0.84	24.97 -0.51 -1.25
S SALMON___HYD 24043	30.75 -0.12 0.00	27.48 -0.19 0.00	25.80 -0.23 -0.01	24.23 -0.20 0.00	24.28 -0.17 0.00	23.14 -0.42 -0.20	24.80 -0.55 -0.25	24.00 -0.76 -0.14	22.31 -0.74 -0.63	24.16 -0.68 -0.50	25.53 -0.80 -0.37	26.51 -0.90 -0.26	26.79 -0.96 -0.32	24.91 -0.91 -0.55	23.08 -0.71 -1.04	23.13 -0.63 -1.21	28.16 -0.83 -1.15	30.26 -0.90 -1.28	31.54 -0.80 -1.58	31.91 -0.61 -1.88	35.43 -0.69 -1.44	29.93 -0.61 -1.41	32.10 -0.68 -0.61	24.86 -0.27 -0.90
S.PERRY__115KV_TB1 80734	31.02 0.15 0.00	27.39 -0.28 0.00	25.53 -0.52 -0.03	24.03 -0.39 0.00	24.20 -0.24 0.00	23.58 -0.19 -0.41	25.40 -0.20 -0.50	24.39 -0.52 -0.29	22.96 -0.72 -1.27	24.54 -0.80 -1.00	25.52 -1.25 -0.81	28.98 -1.52 -3.36	30.48 -1.65 -4.70	30.86 -1.49 -7.09	35.26 -1.05 -13.56	38.45 -0.83 -16.74	50.71 -1.17 -24.03	54.92 -1.25 -26.30	61.79 -0.98 -32.00	58.31 -0.70 -28.37	52.39 -0.66 -18.37	39.08 -0.73 -10.68	32.36 -1.03 -1.22	25.81 -0.22 -1.80
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.26 -1.61 0.00	25.70 -1.96 0.00	23.91 -2.13 -0.03	22.59 -1.83 0.00	22.76 -1.69 0.00	22.12 -1.61 -0.38	23.96 -1.61 -0.46	22.84 -2.04 -0.26	21.54 -2.04 -1.16	23.10 -2.17 -0.92	24.11 -2.60 -0.75	24.00 -2.88 0.27	24.07 -2.88 0.48	22.07 -2.63 0.57	19.66 -1.96 1.12	19.36 -1.62 1.57	21.48 -2.31 4.05	22.71 -2.78 4.39	22.74 -2.74 5.29	24.62 -2.64 3.39	29.88 -3.05 1.75	26.68 -2.83 -0.37	29.94 -3.35 -1.12	24.30 -1.57 -1.65

SAWYER___23_KV_LOAD 55526	29.26 -1.61 0.00	25.70 -1.96 0.00	23.91 -2.13 -0.03	22.59 -1.83 0.00	22.76 -1.69 0.00	22.12 -1.61 -0.38	23.96 -1.61 -0.46	22.84 -2.04 -0.26	21.54 -2.04 -1.16	23.10 -2.17 -0.92	24.11 -2.60 -0.75	24.00 -2.88 0.27	24.07 -2.88 0.48	22.07 -2.63 0.57	19.66 -1.96 1.12	19.36 -1.62 1.57	21.48 -2.31 4.05	22.71 -2.78 4.39	22.74 -2.74 5.29	24.62 -2.64 3.39	29.88 -3.05 1.75	26.68 -2.83 -0.37	29.94 -3.35 -1.12	24.30 -1.57 -1.65
SELKIRK___I 23801	31.79 0.93 0.00	28.66 0.99 0.00	27.13 0.91 -0.20	25.30 0.88 0.00	25.33 0.88 0.00	26.89 0.65 -2.88	29.29 0.68 -3.51	27.26 0.64 -2.00	31.81 0.54 -8.86	31.98 0.61 -7.03	31.85 0.62 -5.28	31.47 0.62 -3.70	32.64 0.63 -4.58	33.60 0.58 -7.76	37.99 0.54 -14.70	40.24 0.56 -17.13	44.71 0.70 -16.17	48.59 0.75 -17.96	53.71 0.80 -22.14	57.81 0.73 -26.43	55.76 0.83 -20.25	49.58 0.64 -19.80	41.39 0.71 -8.51	37.39 0.58 -12.59
SELKIRK___II 23799	31.70 0.83 0.00	28.58 0.91 0.00	27.06 0.83 -0.21	25.23 0.80 0.00	25.25 0.81 0.00	26.87 0.61 -2.91	29.31 0.65 -3.55	27.26 0.62 -2.03	31.94 0.56 -8.96	32.07 0.61 -7.12	31.92 0.62 -5.34	31.54 0.65 -3.75	32.73 0.66 -4.64	33.72 0.61 -7.85	38.19 0.57 -14.88	40.10 0.59 -16.97	44.45 0.70 -15.91	48.08 0.72 -17.48	53.50 0.77 -21.97	58.06 0.67 -26.74	55.93 0.76 -20.49	49.79 0.61 -20.04	41.46 0.68 -8.61	37.50 0.53 -12.74
SENECA OSWGO___HYD 24041	30.47 -0.40 0.00	27.22 -0.44 0.00	25.54 -0.50 -0.01	24.03 -0.39 0.00	24.08 -0.37 0.00	22.97 -0.61 -0.22	24.67 -0.70 -0.27	23.82 -0.96 -0.16	22.18 -0.92 -0.69	23.94 -0.95 -0.41	25.28 -1.09 -0.29	26.24 -1.19 -0.29	26.55 -1.23 -0.35	24.76 -1.11 -0.60	22.99 -0.89 -1.14	23.09 -0.79 -1.33	28.05 -1.06 -1.26	30.11 -1.17 -1.40	31.32 -1.17 -1.73	31.69 -1.01 -2.06	35.18 -1.08 -1.58	29.75 -0.93 -1.54	31.74 -1.09 -0.66	24.67 -0.53 -0.98
SENECA___115KV_TB3 355854	29.60 -1.27 0.00	26.01 -1.66 0.00	24.07 -1.98 -0.03	22.84 -1.59 0.00	22.98 -1.47 0.00	22.16 -1.59 -0.39	24.00 -1.58 -0.48	22.90 -1.99 -0.27	21.63 -1.99 -1.22	23.21 -2.09 -0.97	24.22 -2.52 -0.78	24.04 -2.82 0.28	24.32 -2.61 0.51	22.04 -2.63 0.60	19.61 -1.96 1.18	19.39 -1.51 1.65	21.72 -1.92 4.20	23.00 -2.33 4.55	23.04 -2.25 5.48	24.92 -2.15 3.58	29.88 -2.98 1.82	26.75 -2.77 -0.39	30.06 -3.28 -1.17	24.40 -1.55 -1.73
SENECA___ENERGY 23797	30.56 -0.31 0.00	27.20 -0.47 0.00	25.47 -0.57 -0.02	23.99 -0.44 0.00	24.06 -0.39 0.00	23.15 -0.54 -0.33	24.95 -0.55 -0.40	24.06 -0.79 -0.23	22.62 -0.81 -1.01	24.29 -0.85 -0.80	25.49 -1.07 -0.60	26.56 -1.19 -0.61	26.99 -1.23 -0.79	25.44 -1.11 -1.28	24.34 -0.84 -2.44	24.76 -0.70 -2.90	30.25 -0.92 -3.32	32.52 -1.02 -3.66	34.21 -1.05 -4.48	34.53 -0.80 -4.68	37.13 -0.90 -3.36	31.02 -0.90 -2.79	32.05 -1.09 -0.97	25.22 -0.44 -1.43
SHOEMAKER___GT 23640	32.60 1.73 0.00	29.36 1.69 0.00	27.70 1.53 -0.15	25.87 1.44 0.00	25.89 1.44 0.00	26.70 1.24 -2.11	29.03 1.35 -2.57	27.59 1.50 -1.47	30.25 1.34 -6.49	30.96 1.46 -5.15	31.35 1.53 -3.87	31.43 1.57 -2.71	32.38 1.59 -3.36	32.41 1.46 -5.68	34.90 1.39 -10.78	42.82 1.47 -18.80	49.19 1.81 -19.54	56.80 1.91 -25.01	56.50 2.03 -23.70	52.26 2.02 -19.59	51.67 2.15 -14.84	45.37 1.72 -14.52	40.34 1.93 -6.24	35.00 1.55 -9.23
SHOEMAKR_138KV_BK 111 55601	32.60 1.73 0.00	29.36 1.69 0.00	27.70 1.54 -0.15	25.87 1.44 0.00	25.89 1.44 0.00	26.71 1.26 -2.09	29.03 1.38 -2.55	27.60 1.53 -1.45	30.21 1.37 -6.43	30.93 1.48 -5.11	31.36 1.56 -3.84	31.44 1.60 -2.69	32.38 1.62 -3.34	32.43 1.52 -5.65	34.88 1.43 -10.70	42.68 1.49 -18.64	49.02 1.84 -19.34	56.57 1.94 -24.75	56.29 2.06 -23.46	52.11 2.05 -19.41	51.57 2.18 -14.70	45.29 1.78 -14.38	40.31 1.96 -6.18	34.94 1.57 -9.14
SHOREHAM_IC_1 23715	35.00 4.11 -0.02	31.51 3.82 -0.02	29.71 3.51 -0.18	27.68 3.25 -0.01	27.68 3.23 -0.01	28.64 2.97 -2.32	31.17 3.24 -2.83	33.66 3.55 -5.50	35.20 3.11 -9.67	34.72 3.14 -7.24	41.44 3.27 -12.21	41.69 3.37 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.33 2.96 -16.63	47.30 3.11 -21.64	53.77 3.76 -22.17	62.88 3.97 -29.03	61.67 4.22 -26.69	56.50 4.23 -21.62	55.51 4.54 -16.29	64.50 3.67 -31.69	45.83 4.21 -9.44	40.92 3.39 -13.30
SHOREHAM_IC_2 23716	34.99 4.11 -0.02	31.51 3.82 -0.02	29.71 3.51 -0.18	27.68 3.25 -0.01	27.68 3.23 -0.01	28.64 2.97 -2.31	31.16 3.24 -2.82	33.66 3.55 -5.49	35.18 3.12 -9.65	34.73 3.16 -7.22	41.44 3.27 -12.21	41.66 3.34 -11.18	41.64 3.37 -10.83	42.04 3.11 -13.66	42.33 2.96 -16.63	47.32 3.13 -21.64	53.77 3.79 -22.14	62.82 3.94 -29.00	61.66 4.25 -26.64	56.48 4.26 -21.57	55.47 4.54 -16.25	64.52 3.73 -31.65	45.81 4.21 -9.43	40.89 3.39 -13.28
SISSONVILLE___ 23735	29.54 -1.33 0.00	26.51 -1.16 0.00	24.95 -1.07 0.00	23.38 -1.05 0.00	23.30 -1.15 0.00	22.26 -1.10 0.00	23.85 -1.26 0.00	23.49 -1.13 0.00	21.41 -1.01 0.00	23.27 -1.07 0.00	24.91 -1.12 -0.07	26.03 -1.17 -0.05	26.28 -1.21 -0.06	24.21 -1.16 -0.11	21.76 -1.18 -0.20	21.50 -1.29 -0.23	26.31 -1.53 0.00	28.24 -1.64 0.00	29.08 -1.69 0.00	28.99 -1.65 0.00	32.87 -1.80 0.00	27.71 -1.43 0.00	30.66 -1.51 0.00	22.80 -1.43 0.00
SITHE_IND_GS1 24169	30.16 -0.71 0.00	26.98 -0.69 0.00	25.33 -0.70 -0.01	23.79 -0.64 0.00	23.84 -0.61 0.00	22.70 -0.84 -0.18	24.42 -0.90 -0.22	23.54 -1.21 -0.13	21.84 -1.14 -0.56	23.57 -1.22 -0.45	24.94 -1.35 -0.34	25.92 -1.47 -0.24	26.21 -1.51 -0.29	24.40 -1.36 -0.50	22.57 -1.11 -0.94	22.59 -1.06 -1.10	27.48 -1.39 -1.03	29.47 -1.55 -1.14	30.61 -1.57 -1.41	30.92 -1.41 -1.68	34.48 -1.49 -1.29	29.15 -1.25 -1.26	31.30 -1.41 -0.54	24.28 -0.75 -0.80
SITHE_IND_GS2 24170	30.16 -0.71 0.00	26.98 -0.69 0.00	25.33 -0.70 -0.01	23.79 -0.64 0.00	23.84 -0.61 0.00	22.70 -0.84 -0.18	24.42 -0.90 -0.22	23.54 -1.21 -0.13	21.84 -1.14 -0.56	23.57 -1.22 -0.45	24.94 -1.35 -0.34	25.92 -1.47 -0.24	26.21 -1.51 -0.29	24.40 -1.36 -0.50	22.57 -1.11 -0.94	22.59 -1.06 -1.10	27.48 -1.39 -1.03	29.47 -1.55 -1.14	30.61 -1.57 -1.41	30.92 -1.41 -1.68	34.48 -1.49 -1.29	29.15 -1.25 -1.26	31.30 -1.41 -0.54	24.28 -0.75 -0.80
SITHE_IND_GS3 24171	30.16 -0.71 0.00	26.98 -0.69 0.00	25.33 -0.70 -0.01	23.79 -0.64 0.00	23.84 -0.61 0.00	22.70 -0.84 -0.18	24.42 -0.90 -0.22	23.54 -1.21 -0.13	21.84 -1.14 -0.56	23.57 -1.22 -0.45	24.94 -1.35 -0.34	25.92 -1.47 -0.24	26.21 -1.51 -0.29	24.40 -1.36 -0.50	22.57 -1.11 -0.94	22.59 -1.06 -1.10	27.48 -1.39 -1.03	29.47 -1.55 -1.14	30.61 -1.57 -1.41	30.92 -1.41 -1.68	34.48 -1.49 -1.29	29.15 -1.25 -1.26	31.30 -1.41 -0.54	24.28 -0.75 -0.80
SITHE_IND_GS4 24172	30.16 -0.71 0.00	26.98 -0.69 0.00	25.33 -0.70 -0.01	23.79 -0.64 0.00	23.84 -0.61 0.00	22.70 -0.84 -0.18	24.42 -0.90 -0.22	23.54 -1.21 -0.13	21.84 -1.14 -0.56	23.57 -1.22 -0.45	24.94 -1.35 -0.34	25.92 -1.47 -0.24	26.21 -1.51 -0.29	24.40 -1.36 -0.50	22.57 -1.11 -0.94	22.59 -1.06 -1.10	27.48 -1.39 -1.03	29.47 -1.55 -1.14	30.61 -1.57 -1.41	30.92 -1.41 -1.68	34.48 -1.49 -1.29	29.15 -1.25 -1.26	31.30 -1.41 -0.54	24.28 -0.75 -0.80

SITHE___BATAVIA 24024	30.04 -0.83 0.00	26.48 -1.19 0.00	24.69 -1.35 -0.02	23.28 -1.15 0.00	23.49 -0.95 0.00	22.97 -0.75 -0.36	24.79 -0.75 -0.44	23.72 -1.16 -0.25	22.32 -1.21 -1.11	23.91 -1.31 -0.88	24.93 -1.69 -0.66	25.45 -1.76 -0.07	25.49 -1.95 -0.01	23.74 -1.67 -0.14	21.90 -1.09 -0.25	21.85 -0.86 -0.16	25.42 -1.45 0.97	26.97 -1.88 1.03	27.78 -1.79 1.21	28.96 -1.59 0.09	33.16 -1.87 -0.36	28.68 -1.83 -1.38	31.28 -1.96 -1.07	25.08 -0.73 -1.58
SITHE___INDEPEND 23800	30.16 -0.71 0.00	26.95 -0.72 0.00	25.33 -0.70 -0.01	23.79 -0.64 0.00	23.84 -0.61 0.00	22.65 -0.84 -0.14	24.37 -0.90 -0.17	23.51 -1.21 -0.10	21.72 -1.12 -0.42	23.49 -1.19 -0.34	24.95 -1.35 -0.34	25.92 -1.47 -0.24	26.21 -1.51 -0.29	24.40 -1.36 -0.50	22.57 -1.11 -0.94	22.59 -1.06 -1.10	27.23 -1.39 -0.78	29.19 -1.55 -0.86	30.29 -1.54 -1.06	30.50 -1.41 -1.27	34.16 -1.49 -0.97	28.86 -1.22 -0.95	31.16 -1.42 -0.41	24.08 -0.75 -0.60
SITHE___MASSENA 23902	30.37 -0.50 0.00	27.20 -0.47 0.00	25.65 -0.36 0.00	24.03 -0.39 0.00	23.96 -0.49 0.00	22.89 -0.47 0.00	24.57 -0.53 0.00	24.18 -0.44 0.00	22.03 -0.38 0.00	23.95 -0.39 0.00	25.57 -0.39 0.00	26.74 -0.41 0.00	27.05 -0.38 0.00	24.86 -0.41 0.00	22.26 -0.48 0.00	21.99 -0.56 0.00	27.18 -0.67 0.00	29.13 -0.75 0.00	29.97 -0.80 0.00	29.82 -0.83 0.00	33.84 -0.83 0.00	28.52 -0.61 0.00	31.53 -0.64 0.00	23.50 -0.73 0.00
SITHE___OGDNSBRG 24021	30.41 -0.46 0.00	27.23 -0.44 0.00	25.65 -0.36 0.00	24.03 -0.39 0.00	23.98 -0.46 0.00	22.91 -0.44 0.00	24.53 -0.58 0.00	24.15 -0.47 0.00	21.97 -0.45 0.00	23.81 -0.54 0.00	25.39 -0.57 0.00	26.55 -0.60 0.00	26.85 -0.58 0.00	24.66 -0.61 0.00	22.06 -0.68 0.00	21.79 -0.77 0.00	27.04 -0.81 0.00	29.07 -0.81 0.00	30.00 -0.77 0.00	29.94 -0.70 0.00	33.91 -0.76 0.00	28.58 -0.55 0.00	31.62 -0.55 0.00	23.52 -0.70 0.00
SITHE___STERLING 23777	31.64 0.77 0.00	28.30 0.64 0.00	26.58 0.55 -0.01	24.99 0.56 0.00	25.06 0.61 0.00	23.96 0.44 -0.16	25.70 0.40 -0.19	25.05 0.32 -0.11	23.17 0.27 -0.49	25.02 0.29 -0.39	26.53 0.29 -0.29	27.62 0.27 -0.20	27.96 0.27 -0.25	25.87 0.18 -0.43	23.83 0.27 -0.81	23.84 0.34 -0.95	29.18 0.44 -0.90	31.38 0.51 -1.00	32.61 0.62 -1.23	32.82 0.71 -1.47	36.49 0.69 -1.12	30.76 0.53 -1.10	33.13 0.48 -0.47	25.43 0.51 -0.70
SLEIGHT__34_KV_TB1 80719	30.16 -0.71 0.00	26.78 -0.89 0.00	25.13 -0.91 -0.02	23.62 -0.81 0.00	23.74 -0.71 0.00	22.98 -0.65 -0.27	24.76 -0.68 -0.33	23.85 -0.96 -0.19	22.32 -0.94 -0.84	24.04 -0.97 -0.67	25.31 -1.22 -0.57	26.16 -1.38 -0.40	26.39 -1.54 -0.49	24.84 -1.26 -0.83	23.41 -0.91 -1.58	23.58 -0.81 -1.84	28.10 -1.28 -1.54	30.07 -1.52 -1.71	31.37 -1.51 -2.11	31.78 -1.38 -2.51	35.39 -1.21 -1.93	29.89 -1.14 -1.89	31.63 -1.35 -0.81	24.84 -0.58 -1.20
SMITHTWN_69_KV_BK 1 55830	34.82 3.92 -0.03	31.32 3.62 -0.03	29.54 3.33 -0.19	27.54 3.10 -0.01	27.54 3.08 -0.01	28.47 2.80 -2.31	31.01 3.09 -2.82	35.51 3.35 -7.54	35.10 3.00 -9.69	34.78 3.21 -7.22	41.52 3.35 -12.21	41.77 3.45 -11.18	41.75 3.48 -10.83	42.14 3.21 -13.66	42.40 3.02 -16.63	47.32 3.09 -21.67	53.81 3.81 -22.15	62.85 3.97 -28.99	61.67 4.22 -26.68	56.51 4.23 -21.64	55.41 4.47 -16.26	72.97 3.64 -40.19	47.16 4.15 -10.84	40.80 3.29 -13.28
SOUTH CAIRO___GT 23612	32.47 1.61 0.00	29.30 1.63 0.00	27.36 1.14 -0.20	25.89 1.47 0.00	25.92 1.47 0.00	27.03 0.91 -2.76	29.27 0.80 -3.37	27.33 0.79 -1.92	31.63 0.72 -8.50	31.82 0.73 -6.75	31.68 0.65 -5.07	31.36 0.65 -3.56	32.39 0.55 -4.41	33.23 0.51 -7.46	37.29 0.41 -14.14	41.03 0.77 -17.71	45.86 0.97 -17.04	50.63 1.17 -19.59	54.92 1.42 -22.74	57.05 0.98 -25.42	55.37 1.25 -19.44	49.08 0.93 -19.01	41.37 1.03 -8.17	37.04 0.73 -12.08
SOUTH HAMPTN___IC 23720	35.24 4.35 -0.02	31.76 4.07 -0.02	29.95 3.75 -0.18	27.90 3.47 -0.01	27.88 3.42 -0.01	28.83 3.15 -2.32	31.40 3.47 -2.83	33.70 3.74 -5.34	35.37 3.30 -9.67	34.96 3.38 -7.24	41.67 3.50 -12.21	41.88 3.56 -11.18	41.83 3.56 -10.83	42.24 3.31 -13.66	42.49 3.12 -16.63	47.43 3.25 -21.63	53.99 3.98 -22.17	63.12 4.21 -29.03	61.91 4.46 -26.68	56.73 4.47 -21.61	55.75 4.79 -16.29	63.99 3.82 -31.04	45.85 4.34 -9.33	41.04 3.51 -13.30
SOUTHDOW_115KV_TB1 355954	30.19 -0.68 0.00	26.51 -1.16 0.00	24.36 -1.69 -0.03	23.18 -1.25 0.00	23.25 -1.20 0.00	22.20 -1.59 -0.43	24.02 -1.61 -0.52	23.00 -1.92 -0.30	21.89 -1.84 -1.32	23.46 -1.92 -1.04	24.51 -2.28 -0.84	24.64 -2.63 -0.13	25.25 -2.25 -0.07	22.90 -2.63 -0.26	21.21 -2.00 -0.47	21.50 -1.44 -0.39	25.22 -1.45 1.18	26.84 -1.79 1.24	27.70 -1.60 1.47	29.10 -1.47 0.07	32.24 -2.88 -0.44	28.10 -2.68 -1.64	30.12 -3.31 -1.26	24.47 -1.62 -1.87
SOUTHOLD_69_KV_BK 2 55809	35.55 4.66 -0.02	32.06 4.37 -0.02	30.23 4.03 -0.18	28.15 3.71 -0.01	28.15 3.69 -0.01	29.08 3.41 -2.31	31.66 3.74 -2.82	34.00 4.04 -5.34	35.58 3.52 -9.65	35.19 3.63 -7.22	41.80 3.63 -12.21	42.02 3.69 -11.18	41.94 3.68 -10.83	42.32 3.39 -13.66	42.58 3.21 -16.63	47.55 3.36 -21.63	54.13 4.15 -22.14	63.24 4.36 -29.00	62.06 4.65 -26.64	56.87 4.66 -21.57	55.89 4.96 -16.25	64.08 3.93 -31.01	45.90 4.41 -9.32	41.14 3.63 -13.28
SOUTHOLD___IC 23719	35.55 4.66 -0.02	32.06 4.37 -0.02	30.23 4.03 -0.18	28.15 3.71 -0.01	28.15 3.69 -0.01	29.09 3.41 -2.32	31.67 3.74 -2.83	34.00 4.04 -5.34	35.60 3.52 -9.67	35.21 3.63 -7.24	41.80 3.63 -12.21	42.02 3.69 -11.18	41.94 3.68 -10.83	42.32 3.39 -13.66	42.58 3.21 -16.63	47.52 3.34 -21.63	54.16 4.15 -22.17	63.33 4.42 -29.03	62.07 4.61 -26.68	56.89 4.63 -21.61	55.93 4.96 -16.29	64.08 3.91 -31.04	45.92 4.41 -9.34	41.16 3.63 -13.30
SOUTH_FORK_WT_PWR 323839	35.49 4.60 -0.02	32.03 4.34 -0.02	30.21 4.01 -0.18	28.12 3.69 -0.01	28.10 3.64 -0.01	29.04 3.36 -2.32	31.64 3.71 -2.83	33.98 4.01 -5.34	35.53 3.45 -9.67	35.08 3.51 -7.24	41.60 3.43 -12.21	41.74 3.42 -11.18	41.66 3.40 -10.83	42.06 3.13 -13.66	42.35 2.98 -16.63	47.30 3.11 -21.63	53.86 3.84 -22.17	63.00 4.09 -29.03	61.70 4.25 -26.68	56.55 4.29 -21.61	55.54 4.58 -16.29	63.76 3.58 -31.04	45.59 4.09 -9.34	40.97 3.44 -13.30
SPIERFLS_115KV_TB 1 80737	32.51 1.64 0.00	29.13 1.47 0.00	27.61 1.38 -0.21	25.65 1.22 0.00	25.70 1.25 0.00	27.43 1.05 -3.02	29.92 1.13 -3.69	27.96 1.23 -2.11	32.91 1.19 -9.31	33.07 1.34 -7.39	32.97 1.45 -5.56	32.51 1.47 -3.90	33.76 1.51 -4.83	34.77 1.34 -8.17	39.45 1.23 -15.48	41.44 1.20 -17.70	45.95 1.53 -16.58	49.79 1.67 -18.24	55.43 1.78 -22.87	60.21 1.78 -27.78	58.05 2.08 -21.29	51.50 1.54 -20.82	42.73 1.61 -8.95	38.55 1.09 -13.24
ST LAWRENCE____ 23600	30.25 -0.62 0.00	27.09 -0.58 0.00	25.55 -0.47 0.00	23.94 -0.49 0.00	23.89 -0.56 0.00	22.82 -0.54 0.00	24.53 -0.58 0.00	24.13 -0.49 0.00	21.99 -0.43 0.00	23.88 -0.46 0.00	25.52 -0.44 0.00	26.71 -0.44 0.00	26.96 -0.47 0.00	24.84 -0.43 0.00	22.24 -0.50 0.00	21.97 -0.59 0.00	27.15 -0.70 0.00	29.16 -0.72 0.00	30.00 -0.77 0.00	29.82 -0.83 0.00	33.81 -0.87 0.00	28.50 -0.64 0.00	31.49 -0.68 0.00	23.50 -0.73 0.00

STATE_CA_115KV_115_LB 55624	31.76 0.90 0.00	28.69 1.02 0.00	27.19 0.96 -0.21	25.30 0.88 0.00	25.35 0.90 0.00	27.01 0.70 -2.95	29.46 0.75 -3.60	27.37 0.69 -2.06	32.14 0.63 -9.10	32.27 0.71 -7.22	32.11 0.73 -5.43	31.74 0.79 -3.81	32.94 0.80 -4.72	33.98 0.73 -7.98	38.55 0.68 -15.12	40.55 0.65 -17.34	44.89 0.78 -16.27	48.62 0.81 -17.93	53.98 0.80 -22.41	58.52 0.74 -27.14	56.34 0.87 -20.80	50.15 0.67 -20.34	41.62 0.71 -8.74	37.71 0.56 -12.93
STATE_ST_34_KV_LOAD 55959	30.87 0.00 0.00	27.53 -0.14 0.00	25.80 -0.23 -0.02	24.28 -0.15 0.00	24.35 -0.10 0.00	23.36 -0.28 -0.28	25.12 -0.33 -0.35	24.28 -0.54 -0.20	22.75 -0.54 -0.87	24.47 -0.56 -0.69	25.82 -0.73 -0.59	26.72 -0.84 -0.41	27.06 -0.88 -0.51	25.37 -0.76 -0.86	23.83 -0.55 -1.64	24.06 -0.41 -1.91	28.88 -0.56 -1.59	31.02 -0.63 -1.77	32.36 -0.58 -2.18	32.82 -0.43 -2.60	36.22 -0.45 -1.99	30.62 -0.47 -1.95	32.37 -0.64 -0.84	25.27 -0.19 -1.24
STATION_5_MISC_HYD 23604	30.04 -0.83 0.00	26.59 -1.08 0.00	24.92 -1.12 -0.02	23.42 -1.00 0.00	23.57 -0.88 0.00	22.98 -0.70 -0.32	24.79 -0.70 -0.39	23.81 -1.03 -0.22	22.35 -1.05 -0.99	24.01 -1.12 -0.78	25.17 -1.38 -0.59	25.98 -1.58 -0.41	26.13 -1.81 -0.51	24.69 -1.44 -0.86	23.40 -0.98 -1.64	23.55 -0.90 -1.91	28.09 -1.56 -1.80	29.97 -1.91 -2.00	31.36 -1.88 -2.47	31.84 -1.75 -2.94	35.41 -1.53 -2.26	29.86 -1.48 -2.21	31.54 -1.58 -0.95	25.00 -0.63 -1.40
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.34 -0.52 0.00	26.92 -0.75 0.00	25.23 -0.81 -0.02	23.74 -0.68 0.00	23.86 -0.59 0.00	23.08 -0.56 -0.29	24.87 -0.58 -0.35	23.96 -0.86 -0.20	22.44 -0.85 -0.88	24.14 -0.90 -0.70	25.40 -1.14 -0.59	26.25 -1.30 -0.41	26.49 -1.45 -0.51	24.92 -1.21 -0.86	23.54 -0.84 -1.64	23.72 -0.74 -1.91	28.28 -1.17 -1.60	30.26 -1.40 -1.78	31.58 -1.38 -2.20	32.04 -1.23 -2.62	35.58 -1.11 -2.01	30.05 -1.05 -1.96	31.73 -1.29 -0.84	24.97 -0.51 -1.25
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.91 -0.96 0.00	26.51 -1.16 0.00	24.87 -1.17 -0.02	23.35 -1.07 0.00	23.49 -0.95 0.00	22.85 -0.79 -0.28	24.64 -0.80 -0.34	23.69 -1.13 -0.20	22.16 -1.12 -0.87	23.84 -1.19 -0.69	25.09 -1.45 -0.58	25.92 -1.63 -0.41	26.07 -1.87 -0.51	24.61 -1.52 -0.86	23.29 -1.07 -1.62	23.47 -0.97 -1.89	27.79 -1.64 -1.59	29.67 -1.97 -1.77	31.01 -1.94 -2.18	31.40 -1.84 -2.59	35.11 -1.56 -1.99	29.63 -1.46 -1.95	31.33 -1.67 -0.84	24.74 -0.73 -1.24
STA_56___34_KV_BUS2 355983	29.91 -0.96 0.00	26.51 -1.16 0.00	24.87 -1.17 -0.02	23.35 -1.07 0.00	23.49 -0.95 0.00	22.85 -0.79 -0.28	24.64 -0.80 -0.34	23.69 -1.13 -0.20	22.16 -1.12 -0.87	23.84 -1.19 -0.69	25.09 -1.45 -0.58	25.92 -1.63 -0.41	26.07 -1.87 -0.51	24.61 -1.52 -0.86	23.29 -1.07 -1.62	23.47 -0.97 -1.89	27.79 -1.64 -1.59	29.67 -1.97 -1.77	31.01 -1.94 -2.18	31.40 -1.84 -2.59	35.11 -1.56 -1.99	29.63 -1.46 -1.95	31.33 -1.67 -0.84	24.74 -0.73 -1.24
STA_67___115KV_BK2 355882	29.97 -0.90 0.00	26.53 -1.13 0.00	24.89 -1.14 -0.02	23.38 -1.05 0.00	23.54 -0.90 0.00	22.89 -0.75 -0.29	24.70 -0.75 -0.35	23.74 -1.08 -0.20	22.19 -1.10 -0.88	23.87 -1.17 -0.70	25.12 -1.43 -0.59	25.93 -1.63 -0.41	26.05 -1.89 -0.51	24.64 -1.49 -0.86	23.33 -1.05 -1.63	23.51 -0.95 -1.90	27.83 -1.61 -1.60	29.69 -1.97 -1.78	31.03 -1.94 -2.20	31.45 -1.81 -2.62	35.16 -1.53 -2.01	29.67 -1.43 -1.96	31.34 -1.67 -0.84	24.80 -0.68 -1.25
STA_7___115KV_9TRANS 80674	30.16 -0.71 0.00	26.70 -0.97 0.00	25.02 -1.01 -0.02	23.52 -0.90 0.00	23.69 -0.76 0.00	23.06 -0.58 -0.29	24.85 -0.60 -0.35	23.88 -0.94 -0.20	22.35 -0.94 -0.88	24.04 -1.00 -0.70	25.30 -1.25 -0.59	26.12 -1.44 -0.41	26.27 -1.67 -0.51	24.82 -1.31 -0.86	23.51 -0.86 -1.64	23.69 -0.77 -1.91	28.06 -1.39 -1.60	29.93 -1.73 -1.78	31.27 -1.69 -2.20	31.70 -1.56 -2.62	35.40 -1.28 -2.01	29.91 -1.19 -1.97	31.60 -1.42 -0.84	24.97 -0.51 -1.25
STA_82___115KV_TB1 80780	29.97 -0.90 0.00	26.53 -1.13 0.00	24.89 -1.14 -0.02	23.38 -1.05 0.00	23.54 -0.90 0.00	22.92 -0.72 -0.29	24.72 -0.73 -0.35	23.74 -1.08 -0.20	22.20 -1.10 -0.88	23.90 -1.14 -0.70	25.12 -1.43 -0.59	25.93 -1.63 -0.41	26.08 -1.87 -0.51	24.64 -1.49 -0.87	23.34 -1.05 -1.64	23.52 -0.95 -1.91	27.85 -1.61 -1.62	29.70 -1.97 -1.80	31.05 -1.94 -2.22	31.47 -1.81 -2.64	35.17 -1.53 -2.02	29.68 -1.43 -1.97	31.38 -1.64 -0.85	24.80 -0.68 -1.25
STEEL___WIND 323596	29.60 -1.27 0.00	26.01 -1.66 0.00	24.10 -1.95 -0.03	22.81 -1.61 0.00	22.96 -1.49 0.00	22.19 -1.59 -0.43	24.02 -1.61 -0.52	22.92 -1.99 -0.30	21.71 -2.02 -1.31	23.24 -2.14 -1.04	24.17 -2.57 -0.78	24.02 -2.85 0.28	24.26 -2.66 0.51	22.01 -2.65 0.60	19.56 -2.00 1.18	19.35 -1.56 1.65	21.88 -1.95 4.02	23.14 -2.39 4.35	23.20 -2.34 5.23	25.19 -2.18 3.28	29.72 -3.36 1.59	26.66 -3.09 -0.61	30.12 -3.31 -1.26	24.50 -1.60 -1.87
STEPHTWN_115KV_BK_2 55603	31.95 1.08 0.00	28.86 1.19 0.00	27.32 1.09 -0.21	25.45 1.03 0.00	25.48 1.03 0.00	27.10 0.82 -2.92	29.55 0.88 -3.57	27.49 0.84 -2.04	32.18 0.76 -9.00	32.36 0.88 -7.15	32.24 0.91 -5.37	31.86 0.95 -3.77	33.06 0.96 -4.67	34.04 0.88 -7.89	38.53 0.82 -14.97	40.53 0.79 -17.18	44.94 0.97 -16.12	48.68 1.02 -17.78	54.02 1.05 -22.20	58.48 0.98 -26.86	56.37 1.11 -20.58	50.11 0.84 -20.13	41.72 0.90 -8.65	37.72 0.70 -12.79
STEBEN_REC_LFGE 323667	30.81 -0.06 0.00	27.09 -0.58 0.00	25.07 -0.99 -0.04	23.67 -0.76 0.00	23.74 -0.71 0.00	22.95 -0.93 -0.52	24.76 -0.98 -0.64	23.80 -1.18 -0.36	22.72 -1.30 -1.61	24.23 -1.39 -1.28	25.10 -1.87 -1.01	27.53 -2.14 -2.53	28.92 -2.00 -3.49	28.51 -2.10 -5.34	31.26 -1.68 -10.20	33.67 -1.38 -12.50	43.44 -1.53 -17.13	47.03 -1.61 -18.77	52.12 -1.51 -22.86	50.27 -1.26 -20.88	46.46 -2.01 -13.79	35.97 -1.89 -8.72	31.37 -2.35 -1.55	25.35 -1.16 -2.29
STILLWATER___SOLAR 323814	32.47 1.60 0.00	29.13 1.47 0.00	27.58 1.35 -0.21	25.65 1.22 0.00	25.72 1.27 0.00	27.45 1.08 -3.02	29.91 1.13 -3.68	27.90 1.18 -2.10	32.80 1.10 -9.29	32.93 1.22 -7.38	32.79 1.30 -5.53	32.36 1.33 -3.88	33.58 1.34 -4.81	34.61 1.21 -8.13	39.27 1.11 -15.42	41.31 1.10 -17.65	45.81 1.39 -16.57	49.65 1.52 -18.25	55.22 1.60 -22.85	59.95 1.59 -27.71	57.75 1.84 -21.24	51.33 1.43 -20.77	42.64 1.54 -8.92	38.52 1.09 -13.20
STONY___BROOK 24151	34.85 3.95 -0.02	31.37 3.68 -0.02	29.56 3.36 -0.19	27.56 3.13 -0.01	27.56 3.11 -0.01	28.52 2.85 -2.32	31.04 3.11 -2.83	34.33 3.37 -6.34	35.10 3.00 -9.68	34.79 3.21 -7.24	41.54 3.37 -12.21	41.80 3.48 -11.18	41.75 3.48 -10.83	42.14 3.21 -13.66	42.42 3.05 -16.63	47.29 3.09 -21.65	53.83 3.81 -22.18	62.88 3.97 -29.03	61.62 4.15 -26.70	56.46 4.17 -21.65	55.41 4.44 -16.30	67.93 3.61 -35.19	46.34 4.15 -10.02	40.85 3.32 -13.30
STURGEON_POOL_HYD 23609	33.18 2.32 0.00	29.88 2.21 0.00	28.08 1.90 -0.17	26.33 1.91 0.00	26.36 1.91 0.00	27.26 1.56 -2.34	29.64 1.68 -2.86	28.20 1.95 -1.63	31.37 1.75 -7.21	31.96 1.90 -5.72	32.23 1.97 -4.30	32.20 2.04 -3.02	33.20 2.03 -3.74	33.51 1.92 -6.33	36.53 1.80 -11.99	44.18 2.01 -19.62	50.43 2.48 -20.11	57.83 2.63 -25.32	58.35 2.80 -24.78	54.99 2.64 -21.71	53.97 2.81 -16.48	47.53 2.27 -16.12	41.61 2.51 -6.93	36.46 1.99 -10.25

ST_LAW_115_BK7_LBMP 345037	30.19 -0.68 0.00	27.06 -0.61 0.00	25.50 -0.52 0.00	23.89 -0.54 0.00	23.84 -0.61 0.00	22.77 -0.58 0.00	24.48 -0.63 0.00	24.08 -0.54 0.00	21.97 -0.45 0.00	23.85 -0.49 0.00	25.46 -0.49 0.00	26.66 -0.49 0.00	26.94 -0.49 0.00	24.79 -0.48 0.00	22.20 -0.55 0.00	21.92 -0.63 0.00	27.09 -0.75 0.00	29.10 -0.78 0.00	29.91 -0.86 0.00	29.76 -0.89 0.00	33.74 -0.93 0.00	28.44 -0.70 0.00	31.43 -0.74 0.00	23.45 -0.78 0.00
ST_LAW_115_BK8_LBMP 345038	30.19 -0.68 0.00	27.06 -0.61 0.00	25.50 -0.52 0.00	23.89 -0.54 0.00	23.84 -0.61 0.00	22.77 -0.58 0.00	24.48 -0.63 0.00	24.08 -0.54 0.00	21.97 -0.45 0.00	23.85 -0.49 0.00	25.46 -0.49 0.00	26.66 -0.49 0.00	26.94 -0.49 0.00	24.79 -0.48 0.00	22.20 -0.55 0.00	21.92 -0.63 0.00	27.09 -0.75 0.00	29.10 -0.78 0.00	29.91 -0.86 0.00	29.76 -0.89 0.00	33.74 -0.93 0.00	28.44 -0.70 0.00	31.43 -0.74 0.00	23.45 -0.78 0.00
ST_LAW_230_BK5_LBMP 345035	30.25 -0.62 0.00	27.09 -0.58 0.00	25.55 -0.47 0.00	23.94 -0.49 0.00	23.89 -0.56 0.00	22.82 -0.54 0.00	24.53 -0.58 0.00	24.13 -0.49 0.00	21.99 -0.43 0.00	23.88 -0.46 0.00	25.52 -0.44 0.00	26.71 -0.44 0.00	26.96 -0.47 0.00	24.84 -0.43 0.00	22.24 -0.50 0.00	21.97 -0.59 0.00	27.15 -0.70 0.00	29.16 -0.72 0.00	30.00 -0.77 0.00	29.82 -0.83 0.00	33.81 -0.87 0.00	28.50 -0.64 0.00	31.49 -0.68 0.00	23.50 -0.73 0.00
ST_LAW_230_BK6_LBMP 345036	30.25 -0.62 0.00	27.09 -0.58 0.00	25.55 -0.47 0.00	23.94 -0.49 0.00	23.89 -0.56 0.00	22.82 -0.54 0.00	24.53 -0.58 0.00	24.13 -0.49 0.00	21.99 -0.43 0.00	23.88 -0.46 0.00	25.52 -0.44 0.00	26.71 -0.44 0.00	26.96 -0.47 0.00	24.84 -0.43 0.00	22.24 -0.50 0.00	21.97 -0.59 0.00	27.15 -0.70 0.00	29.16 -0.72 0.00	30.00 -0.77 0.00	29.82 -0.83 0.00	33.81 -0.87 0.00	28.50 -0.64 0.00	31.49 -0.68 0.00	23.50 -0.73 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.81 1.94 0.00	29.52 1.85 0.00	27.89 1.72 -0.15	26.01 1.59 0.00	26.04 1.59 0.00	26.91 1.40 -2.15	29.28 1.56 -2.62	27.87 1.75 -1.50	30.60 1.57 -6.62	31.30 1.70 -5.25	31.70 1.79 -3.95	31.76 1.85 -2.77	32.73 1.87 -3.43	32.84 1.77 -5.81	35.41 1.66 -11.01	43.61 1.74 -19.33	50.06 2.14 -20.07	57.89 2.27 -25.74	57.45 2.37 -24.32	52.98 2.36 -19.98	52.30 2.50 -15.13	45.97 2.04 -14.80	40.75 2.22 -6.36	35.40 1.77 -9.41
SWANROAD_115KV_TB1 355699	28.65 -2.22 0.00	25.15 -2.52 0.00	23.44 -2.60 -0.03	22.13 -2.30 0.00	22.30 -2.15 0.00	21.78 -1.94 -0.36	23.58 -1.96 -0.44	22.46 -2.41 -0.25	21.13 -2.40 -1.11	22.67 -2.56 -0.88	23.67 -3.01 -0.72	24.06 -2.96 0.12	24.08 -3.07 0.27	22.32 -2.68 0.27	20.20 -2.00 0.54	20.00 -1.71 0.84	22.48 -2.65 2.71	23.79 -3.17 2.93	24.08 -3.17 3.51	25.50 -3.06 2.08	30.61 -3.12 0.95	26.94 -2.91 -0.71	29.41 -3.83 -1.07	23.87 -1.94 -1.58
SYNERGY___BIOGAS 323694	30.04 -0.83 0.00	26.45 -1.22 0.00	24.72 -1.33 -0.02	23.28 -1.15 0.00	23.49 -0.95 0.00	22.94 -0.75 -0.33	24.75 -0.75 -0.40	23.69 -1.16 -0.23	22.21 -1.21 -1.01	23.83 -1.31 -0.80	24.96 -1.66 -0.66	25.45 -1.76 -0.07	25.52 -1.92 -0.01	23.74 -1.67 -0.14	21.90 -1.09 -0.25	21.88 -0.83 -0.16	25.20 -1.48 1.17	26.76 -1.88 1.24	27.58 -1.72 1.47	28.65 -1.59 0.40	33.34 -1.46 -0.12	28.86 -1.43 -1.15	31.18 -1.96 -0.97	24.93 -0.73 -1.43
SYRACUSE___ENERGY_ST1 323597	30.87 0.00 0.00	27.58 -0.08 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.28 -0.30 -0.22	25.03 -0.35 -0.27	24.19 -0.59 -0.16	22.52 -0.58 -0.69	24.31 -0.58 -0.55	25.71 -0.73 -0.48	26.67 -0.81 -0.34	27.00 -0.85 -0.42	25.24 -0.73 -0.71	23.54 -0.55 -1.35	23.67 -0.45 -1.57	28.46 -0.64 -1.26	30.56 -0.72 -1.40	31.82 -0.68 -1.73	32.16 -0.55 -2.06	35.70 -0.55 -1.58	30.16 -0.52 -1.55	32.16 -0.68 -0.66	24.99 -0.22 -0.98
SYRACUSE___ENERGY_ST2 323598	30.87 0.00 0.00	27.58 -0.08 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.28 -0.30 -0.22	25.03 -0.35 -0.27	24.19 -0.59 -0.16	22.52 -0.58 -0.69	24.31 -0.58 -0.55	25.71 -0.73 -0.48	26.67 -0.81 -0.34	27.00 -0.85 -0.42	25.24 -0.73 -0.71	23.54 -0.55 -1.35	23.67 -0.45 -1.57	28.46 -0.64 -1.26	30.56 -0.72 -1.40	31.82 -0.68 -1.73	32.16 -0.55 -2.06	35.70 -0.55 -1.58	30.16 -0.52 -1.55	32.16 -0.68 -0.66	24.99 -0.22 -0.98
SYRACUSE___POWER 24017	30.93 0.06 0.00	27.61 -0.06 0.00	25.91 -0.13 -0.02	24.38 -0.05 0.00	24.42 -0.02 0.00	23.35 -0.26 -0.25	25.14 -0.28 -0.31	24.31 -0.49 -0.18	22.70 -0.49 -0.78	24.48 -0.49 -0.62	25.86 -0.62 -0.53	26.84 -0.68 -0.37	27.18 -0.71 -0.46	25.41 -0.63 -0.78	23.77 -0.45 -1.48	23.94 -0.34 -1.72	28.80 -0.47 -1.43	30.93 -0.54 -1.59	32.24 -0.49 -1.96	32.62 -0.37 -2.34	36.05 -0.42 -1.79	30.48 -0.41 -1.75	32.38 -0.55 -0.75	25.22 -0.12 -1.11
TALLMAN_138KV_BK151 55660	33.03 2.16 0.00	29.74 2.08 0.00	28.08 1.90 -0.16	26.18 1.76 0.00	26.21 1.76 0.00	27.14 1.56 -2.21	29.56 1.76 -2.70	28.16 1.99 -1.54	31.02 1.79 -6.82	31.70 1.95 -5.41	32.08 2.05 -4.07	32.12 2.12 -2.86	33.13 2.17 -3.54	33.30 2.05 -5.98	36.00 1.91 -11.34	44.61 1.98 -20.08	51.18 2.45 -20.89	59.32 2.60 -26.84	58.70 2.68 -25.25	53.90 2.67 -20.59	53.11 2.84 -15.59	46.68 2.30 -15.24	41.26 2.54 -6.55	35.93 2.01 -9.69
TEALLAVE_115KV_TB7 355573	30.84 -0.03 0.00	27.56 -0.11 0.00	25.85 -0.18 -0.02	24.30 -0.12 0.00	24.37 -0.07 0.00	23.27 -0.30 -0.22	25.04 -0.33 -0.26	24.23 -0.54 -0.15	22.54 -0.54 -0.66	24.31 -0.56 -0.53	25.74 -0.67 -0.46	26.71 -0.76 -0.32	27.03 -0.80 -0.40	25.26 -0.68 -0.67	23.52 -0.50 -1.28	23.63 -0.41 -1.49	28.50 -0.56 -1.21	30.57 -0.66 -1.35	31.81 -0.62 -1.66	32.14 -0.49 -1.98	35.67 -0.52 -1.52	30.12 -0.50 -1.48	32.17 -0.64 -0.64	24.98 -0.19 -0.94
TELGRAPH_34_KV_EAST 80808	29.42 -1.45 0.00	25.84 -1.83 0.00	24.09 -1.95 -0.02	22.74 -1.69 0.00	22.93 -1.52 0.00	22.37 -1.33 -0.34	24.19 -1.33 -0.42	23.09 -1.77 -0.24	21.70 -1.77 -1.06	23.28 -1.90 -0.84	24.34 -2.31 -0.69	24.72 -2.39 0.03	24.79 -2.50 0.14	22.99 -2.20 0.08	21.02 -1.55 0.17	20.89 -1.29 0.37	23.77 -2.06 2.02	25.20 -2.51 2.17	25.74 -2.43 2.60	27.00 -2.33 1.32	31.87 -2.36 0.45	27.83 -2.21 -0.91	30.29 -2.90 -1.02	24.42 -1.31 -1.50
TEMPLE___115KV_TB 2 55572	30.87 0.00 0.00	27.56 -0.11 0.00	25.85 -0.18 -0.02	24.33 -0.10 0.00	24.37 -0.07 0.00	23.30 -0.28 -0.22	25.07 -0.30 -0.27	24.23 -0.54 -0.15	22.55 -0.54 -0.68	24.34 -0.54 -0.54	25.75 -0.67 -0.47	26.74 -0.73 -0.33	27.07 -0.77 -0.40	25.27 -0.68 -0.68	23.56 -0.48 -1.30	23.68 -0.38 -1.51	28.52 -0.56 -1.23	30.62 -0.63 -1.37	31.87 -0.58 -1.69	32.20 -0.46 -2.02	35.74 -0.49 -1.54	30.18 -0.47 -1.51	32.21 -0.61 -0.65	25.02 -0.17 -0.96
TIANA___69_KV_BK 1 55817	35.18 4.29 -0.02	31.67 3.98 -0.02	29.87 3.67 -0.18	27.83 3.40 -0.01	27.83 3.37 -0.01	28.78 3.11 -2.31	31.31 3.39 -2.82	33.65 3.69 -5.34	35.31 3.25 -9.65	34.92 3.36 -7.22	41.65 3.48 -12.21	41.88 3.56 -11.18	41.83 3.57 -10.83	42.22 3.28 -13.66	42.49 3.12 -16.63	47.46 3.27 -21.63	53.96 3.98 -22.14	63.06 4.18 -29.00	61.87 4.46 -26.64	56.68 4.47 -21.57	55.71 4.79 -16.25	64.02 3.88 -31.00	45.87 4.38 -9.32	41.02 3.51 -13.28

TILDEN___115KV_TB1 80814	30.93 0.06 0.00	27.61 -0.06 0.00	25.91 -0.13 -0.02	24.38 -0.05 0.00	24.42 -0.02 0.00	23.35 -0.26 -0.25	25.14 -0.28 -0.31	24.31 -0.49 -0.18	22.70 -0.49 -0.78	24.48 -0.49 -0.62	25.86 -0.62 -0.53	26.84 -0.68 -0.37	27.18 -0.71 -0.46	25.41 -0.63 -0.78	23.77 -0.45 -1.48	23.94 -0.34 -1.72	28.80 -0.47 -1.43	30.93 -0.54 -1.59	32.24 -0.49 -1.96	32.62 -0.37 -2.34	36.05 -0.42 -1.79	30.48 -0.41 -1.75	32.38 -0.55 -0.75	25.22 -0.12 -1.11
TRIGEN___CC 323695	33.84 2.96 -0.01	30.47 2.79 -0.01	28.77 2.58 -0.17	26.83 2.39 -0.01	26.85 2.40 -0.01	27.82 2.15 -2.31	30.31 2.38 -2.82	28.95 2.61 -1.72	34.09 2.31 -9.37	34.07 2.51 -7.22	40.82 2.65 -12.21	41.07 2.74 -11.18	41.06 2.80 -10.83	41.56 2.63 -13.66	41.83 2.46 -16.63	46.64 2.55 -21.54	53.11 3.15 -22.12	62.17 3.35 -28.95	60.80 3.45 -26.58	55.53 3.43 -21.46	54.56 3.64 -16.24	47.99 2.97 -15.88	42.28 3.28 -6.83	40.07 2.57 -13.28
TRINITY___115KV__4 BK 55933	31.67 0.80 0.00	28.61 0.94 0.00	27.11 0.88 -0.21	25.26 0.83 0.00	25.28 0.83 0.00	26.94 0.65 -2.93	29.35 0.68 -3.57	27.28 0.62 -2.04	31.99 0.56 -9.02	32.11 0.61 -7.16	31.96 0.62 -5.38	31.60 0.68 -3.78	32.79 0.69 -4.68	33.81 0.63 -7.91	38.33 0.59 -15.00	40.31 0.56 -17.20	44.64 0.67 -16.13	48.34 0.69 -17.77	53.67 0.68 -22.22	58.17 0.61 -26.92	56.03 0.73 -20.63	49.86 0.55 -20.17	41.45 0.61 -8.67	37.53 0.48 -12.82
UNION___PROCESSING_DRP 323587	29.97 -0.90 0.00	26.53 -1.13 0.00	24.89 -1.14 -0.02	23.38 -1.05 0.00	23.54 -0.90 0.00	22.92 -0.72 -0.29	24.72 -0.73 -0.35	23.74 -1.08 -0.20	22.22 -1.08 -0.88	23.90 -1.14 -0.70	25.12 -1.43 -0.59	25.93 -1.63 -0.41	26.08 -1.87 -0.51	24.64 -1.49 -0.87	23.34 -1.05 -1.64	23.52 -0.95 -1.91	27.85 -1.61 -1.62	29.71 -1.97 -1.80	31.08 -1.91 -2.22	31.48 -1.81 -2.64	35.17 -1.53 -2.02	29.68 -1.43 -1.98	31.38 -1.64 -0.85	24.83 -0.65 -1.26
UPPER HUDSON___HYD 24058	32.50 1.63 0.00	29.13 1.47 0.00	27.61 1.38 -0.21	25.65 1.22 0.00	25.69 1.25 0.00	27.44 1.05 -3.03	29.93 1.13 -3.69	27.96 1.23 -2.11	32.93 1.19 -9.33	33.08 1.34 -7.41	32.97 1.45 -5.56	32.51 1.46 -3.90	33.76 1.51 -4.83	34.77 1.34 -8.17	39.45 1.23 -15.48	41.44 1.19 -17.70	45.98 1.53 -16.61	49.82 1.67 -18.27	55.46 1.78 -22.91	60.25 1.78 -27.82	58.05 2.05 -21.33	51.51 1.51 -20.86	42.74 1.61 -8.96	38.57 1.09 -13.26
UPPER RAQUET___HYD 24056	29.54 -1.33 0.00	26.48 -1.19 0.00	24.95 -1.07 0.00	23.38 -1.05 0.00	23.30 -1.15 0.00	22.30 -1.10 -0.04	23.90 -1.25 -0.05	23.52 -1.13 -0.03	21.53 -1.01 -0.12	23.37 -1.07 -0.10	24.91 -1.12 -0.07	26.03 -1.17 -0.05	26.29 -1.21 -0.06	24.21 -1.16 -0.11	21.76 -1.18 -0.20	21.50 -1.28 -0.23	26.53 -1.53 -0.22	28.48 -1.64 -0.25	29.41 -1.66 -0.30	29.35 -1.66 -0.36	33.19 -1.77 -0.28	28.01 -1.40 -0.27	30.78 -1.51 -0.12	22.97 -1.43 -0.17
VALLEY44_115KV_TB2 355964	30.04 -0.83 0.00	26.42 -1.25 0.00	24.18 -1.87 -0.03	23.20 -1.22 0.00	23.35 -1.10 0.00	21.95 -1.85 -0.44	23.86 -1.78 -0.54	22.83 -2.09 -0.31	21.69 -2.08 -1.36	23.25 -2.17 -1.08	24.25 -2.57 -0.86	24.55 -2.85 -0.25	25.76 -1.92 -0.25	23.14 -2.65 -0.53	21.70 -2.02 -0.98	22.40 -1.17 -1.03	27.01 -0.58 0.24	28.79 -0.87 0.22	29.81 -0.74 0.22	31.02 -0.64 -1.01	32.88 -2.95 -1.15	28.41 -2.77 -2.04	30.16 -3.31 -1.30	24.46 -1.70 -1.93
VALLEY___115KV_TB 1-4 80826	31.02 0.15 0.00	27.83 0.17 0.00	26.18 0.16 0.00	24.55 0.12 0.00	24.57 0.12 0.00	23.38 0.02 0.00	25.05 -0.05 0.00	24.55 -0.07 0.00	22.35 -0.07 0.00	24.27 -0.07 0.00	25.88 -0.08 0.00	27.09 -0.05 0.00	27.37 -0.05 0.00	25.24 -0.03 0.00	22.76 0.02 0.00	22.55 0.00 0.00	27.84 0.00 0.00	29.82 -0.06 0.00	30.71 -0.06 0.00	30.58 -0.06 0.00	34.54 -0.14 0.00	29.02 -0.12 0.00	32.04 -0.13 0.00	24.18 -0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.63 1.76 0.00	29.22 1.55 0.00	27.52 1.43 -0.07	25.82 1.39 0.00	25.92 1.47 0.00	25.62 1.24 -1.03	27.61 1.26 -1.26	26.67 1.33 -0.72	26.82 1.23 -3.17	28.20 1.34 -2.52	29.32 1.45 -1.91	30.01 1.52 -1.34	30.65 1.56 -1.66	29.42 1.34 -2.81	29.41 1.34 -5.33	30.55 1.35 -6.64	35.89 1.73 -6.32	38.98 1.85 -7.25	41.18 1.97 -8.44	42.15 2.02 -9.48	43.97 2.05 -7.25	37.91 1.69 -7.09	36.95 1.74 -3.04	30.18 1.45 -4.50
VISCHER___FERRY HYD 24020	32.14 1.27 0.00	28.88 1.22 0.00	27.35 1.12 -0.21	25.48 1.05 0.00	25.50 1.05 0.00	27.20 0.86 -2.98	29.67 0.93 -3.63	27.65 0.96 -2.07	32.46 0.87 -9.17	32.60 0.97 -7.28	32.43 1.01 -5.46	32.03 1.06 -3.83	33.24 1.07 -4.75	34.26 0.96 -8.03	38.87 0.91 -15.22	41.19 0.90 -17.73	45.70 1.11 -16.74	49.64 1.16 -18.60	54.89 1.20 -22.92	59.15 1.13 -27.37	56.96 1.32 -20.97	50.72 1.08 -20.51	42.14 1.16 -8.81	38.11 0.85 -13.03
V_A_10_SYNC_DSASP 323832	29.26 -1.61 0.00	25.79 -1.88 0.00	24.14 -1.90 -0.02	22.72 -1.71 0.00	22.88 -1.57 0.00	22.45 -1.26 -0.36	24.31 -1.23 -0.44	23.22 -1.65 -0.25	21.83 -1.68 -1.10	23.44 -1.78 -0.87	24.46 -2.15 -0.65	24.78 -2.42 -0.05	24.67 -2.74 0.02	23.19 -2.17 -0.09	21.31 -1.59 -0.16	21.11 -1.49 -0.05	24.21 -2.42 1.21	25.70 -2.90 1.28	26.32 -2.92 1.52	27.49 -2.79 0.37	32.17 -2.74 -0.24	27.88 -2.56 -1.30	30.53 -2.70 -1.06	24.55 -1.23 -1.56
V_CMM_10_SYNC_DSASP 323787	30.34 -0.52 0.00	27.17 -0.50 0.00	25.63 -0.39 0.00	24.01 -0.42 0.00	23.96 -0.49 0.00	22.89 -0.47 0.00	24.57 -0.53 0.00	24.18 -0.44 0.00	22.03 -0.38 0.00	23.95 -0.39 0.00	25.59 -0.36 0.00	26.77 -0.38 0.00	27.05 -0.38 0.00	24.89 -0.38 0.00	22.29 -0.45 0.00	22.01 -0.54 0.00	27.20 -0.64 0.00	29.19 -0.69 0.00	30.00 -0.77 0.00	29.85 -0.80 0.00	33.84 -0.83 0.00	28.52 -0.61 0.00	31.56 -0.61 0.00	23.52 -0.70 0.00
V_CMP_10_SYNC_DSASP 323788	30.81 -0.06 0.00	27.59 -0.08 0.00	25.99 -0.03 0.00	24.35 -0.07 0.00	24.28 -0.17 0.00	23.22 -0.14 0.00	24.98 -0.12 0.00	24.60 -0.02 0.00	22.44 0.02 0.00	24.39 0.05 0.00	26.01 0.05 0.00	27.17 0.03 0.00	27.43 0.00 0.00	25.19 -0.08 0.00	22.54 -0.21 0.00	22.21 -0.34 0.00	27.37 -0.47 0.00	29.28 -0.60 0.00	30.12 -0.65 0.00	30.00 -0.65 0.00	33.98 -0.69 0.00	28.52 -0.61 0.00	31.49 -0.68 0.00	23.43 -0.80 0.00
V_D_10_SYNC_DSASP 323841	30.37 -0.50 0.00	27.22 -0.44 0.00	25.65 -0.36 0.00	24.03 -0.39 0.00	23.96 -0.49 0.00	22.89 -0.47 0.00	24.57 -0.53 0.00	24.18 -0.44 0.00	22.03 -0.38 0.00	23.95 -0.39 0.00	25.59 -0.36 0.00	26.77 -0.38 0.00	27.05 -0.38 0.00	24.89 -0.38 0.00	22.26 -0.48 0.00	21.99 -0.56 0.00	27.18 -0.67 0.00	29.13 -0.75 0.00	29.97 -0.80 0.00	29.85 -0.80 0.00	33.84 -0.83 0.00	28.52 -0.61 0.00	31.56 -0.61 0.00	23.52 -0.70 0.00
V_E_10_SYNC_DSASP 323830	33.19 2.32 0.00	29.55 1.88 0.00	27.66 1.59 -0.05	25.99 1.56 0.00	26.18 1.74 0.00	25.59 1.47 -0.77	27.37 1.33 -0.93	26.46 1.30 -0.53	25.85 1.08 -2.36	27.31 1.10 -1.87	28.53 1.17 -1.40	29.47 1.19 -1.13	30.12 1.26 -1.42	28.57 0.94 -2.37	28.30 1.07 -4.49	29.38 1.24 -5.59	35.43 1.78 -5.80	38.53 2.06 -6.59	40.82 2.31 -7.74	41.38 2.42 -8.31	43.11 2.25 -6.18	36.62 1.81 -5.67	36.14 1.70 -2.26	29.17 1.60 -3.35

V_F_30_NSYNC___DSASP 323816	32.50 1.63 0.00	29.16 1.49 0.00	27.61 1.38 -0.21	25.67 1.25 0.00	25.74 1.29 0.00	27.45 1.08 -3.02	29.94 1.16 -3.69	27.96 1.23 -2.10	32.86 1.14 -9.30	32.99 1.26 -7.39	32.85 1.35 -5.54	32.42 1.38 -3.89	33.67 1.43 -4.82	34.68 1.26 -8.15	39.35 1.16 -15.45	41.37 1.15 -17.67	45.88 1.45 -16.59	49.69 1.55 -18.26	55.30 1.66 -22.88	60.03 1.62 -27.76	57.83 1.87 -21.28	51.40 1.46 -20.81	42.69 1.58 -8.94	38.57 1.12 -13.23
V_F_30_SYNC_DSASP 323786	31.76 0.90 0.00	28.69 1.02 0.00	27.19 0.96 -0.21	25.30 0.88 0.00	25.35 0.90 0.00	27.01 0.70 -2.95	29.46 0.75 -3.60	27.37 0.69 -2.06	32.13 0.63 -9.09	32.26 0.71 -7.22	32.11 0.73 -5.42	31.74 0.79 -3.80	32.94 0.80 -4.71	33.97 0.73 -7.97	38.54 0.68 -15.11	40.54 0.65 -17.33	44.88 0.78 -16.26	48.57 0.78 -17.92	53.97 0.80 -22.40	58.50 0.74 -27.12	56.33 0.87 -20.78	50.10 0.64 -20.33	41.61 0.71 -8.73	37.70 0.56 -12.92
V_XM_10_SYNC_DSASP 323789	30.81 -0.06 0.00	27.59 -0.08 0.00	25.99 -0.03 0.00	24.35 -0.07 0.00	24.28 -0.17 0.00	23.22 -0.14 0.00	24.98 -0.12 0.00	24.60 -0.02 0.00	22.44 0.02 0.00	24.39 0.05 0.00	26.01 0.05 0.00	27.17 0.03 0.00	27.43 0.00 0.00	25.19 -0.08 0.00	22.54 -0.21 0.00	22.21 -0.34 0.00	27.37 -0.47 0.00	29.28 -0.60 0.00	30.12 -0.65 0.00	30.00 -0.65 0.00	33.98 -0.69 0.00	28.52 -0.61 0.00	31.49 -0.68 0.00	23.43 -0.80 0.00
W.BABYLN_69_KV_BK1 56697	34.71 3.83 -0.01	31.25 3.57 -0.01	29.44 3.25 -0.17	27.46 3.03 -0.01	27.46 3.01 -0.01	28.40 2.73 -2.31	30.94 3.01 -2.82	30.09 3.25 -2.22	34.89 2.91 -9.57	34.73 3.16 -7.22	41.52 3.35 -12.21	41.77 3.45 -11.18	41.75 3.48 -10.83	42.16 3.23 -13.66	42.40 3.02 -16.63	47.15 3.02 -21.58	53.73 3.76 -22.13	62.81 3.94 -28.99	61.51 4.15 -26.59	56.31 4.20 -21.47	55.43 4.51 -16.24	50.42 3.58 -17.70	43.42 4.12 -7.13	40.77 3.27 -13.28
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.12 2.25 0.00	29.83 2.16 0.00	28.15 1.98 -0.16	26.26 1.83 0.00	26.28 1.83 0.00	27.22 1.64 -2.23	29.63 1.81 -2.72	28.22 2.04 -1.55	31.12 1.84 -6.87	31.79 2.00 -5.46	32.19 2.13 -4.10	32.19 2.17 -2.88	33.22 2.22 -3.56	33.39 2.10 -6.03	36.13 1.96 -11.43	44.86 2.03 -20.28	51.46 2.51 -21.11	59.67 2.66 -27.13	59.04 2.77 -25.50	54.15 2.76 -20.75	53.33 2.95 -15.71	46.89 2.39 -15.36	41.38 2.61 -6.60	36.05 2.06 -9.77
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.53 2.65 -0.01	30.20 2.52 -0.01	28.48 2.29 -0.17	26.58 2.15 -0.01	26.59 2.13 -0.01	27.55 1.89 -2.30	30.05 2.13 -2.81	30.32 2.39 -3.31	32.50 2.13 -7.96	34.56 2.31 -7.91	36.77 2.47 -8.35	40.67 2.52 -11.00	43.94 2.61 -13.91	43.99 2.43 -16.29	45.67 2.27 -20.65	54.04 2.35 -29.15	54.33 2.90 -23.59	72.60 3.08 -39.64	60.50 3.17 -26.56	55.24 3.16 -21.44	54.23 3.33 -16.23	47.73 2.71 -15.88	41.96 2.96 -6.83	36.70 2.37 -10.10
W50THST__13_KV_LOAD 356117	33.72 2.84 -0.01	30.36 2.68 -0.01	28.64 2.45 -0.17	26.73 2.30 -0.01	26.73 2.27 -0.01	27.69 2.03 -2.30	30.20 2.28 -2.81	30.47 2.54 -3.31	32.66 2.29 -7.96	34.71 2.46 -7.91	36.95 2.65 -8.35	40.89 2.74 -11.00	44.13 2.80 -13.91	44.19 2.63 -16.29	45.85 2.46 -20.65	54.22 2.53 -29.15	54.55 3.12 -23.59	72.84 3.32 -39.64	60.72 3.38 -26.56	55.46 3.37 -21.44	54.48 3.57 -16.23	47.93 2.91 -15.88	42.12 3.12 -6.83	36.85 2.52 -10.10
WADING RIVER_IC_1 23522	35.05 4.17 -0.02	31.56 3.87 -0.02	29.74 3.54 -0.18	27.73 3.30 -0.01	27.71 3.25 -0.01	28.64 2.97 -2.32	31.17 3.24 -2.83	33.34 3.49 -5.23	35.24 3.16 -9.66	34.99 3.41 -7.24	41.80 3.63 -12.21	42.07 3.75 -11.18	42.02 3.76 -10.83	42.42 3.49 -13.66	42.65 3.28 -16.63	47.52 3.34 -21.63	54.13 4.12 -22.17	63.24 4.33 -29.03	61.97 4.52 -26.68	56.76 4.51 -21.61	55.79 4.82 -16.29	63.53 3.82 -30.57	45.80 4.37 -9.26	41.04 3.51 -13.30
WADING RIVER_IC_2 23547	35.05 4.17 -0.02	31.56 3.87 -0.02	29.74 3.54 -0.18	27.73 3.30 -0.01	27.71 3.25 -0.01	28.64 2.97 -2.32	31.17 3.24 -2.83	33.34 3.49 -5.23	35.24 3.16 -9.66	34.99 3.41 -7.24	41.80 3.63 -12.21	42.07 3.75 -11.18	42.02 3.76 -10.83	42.42 3.49 -13.66	42.65 3.28 -16.63	47.52 3.34 -21.63	54.13 4.12 -22.17	63.24 4.33 -29.03	61.97 4.52 -26.68	56.76 4.51 -21.61	55.79 4.82 -16.29	63.53 3.82 -30.57	45.80 4.37 -9.26	41.04 3.51 -13.30
WADING RIVER_IC_3 23601	35.05 4.17 -0.02	31.56 3.87 -0.02	29.74 3.54 -0.18	27.73 3.30 -0.01	27.71 3.25 -0.01	28.64 2.97 -2.32	31.17 3.24 -2.83	33.34 3.49 -5.23	35.24 3.16 -9.66	34.99 3.41 -7.24	41.80 3.63 -12.21	42.07 3.75 -11.18	42.02 3.76 -10.83	42.42 3.49 -13.66	42.65 3.28 -16.63	47.52 3.34 -21.63	54.13 4.12 -22.17	63.24 4.33 -29.03	61.97 4.52 -26.68	56.76 4.51 -21.61	55.79 4.82 -16.29	63.53 3.82 -30.57	45.80 4.37 -9.26	41.04 3.51 -13.30
WALDENNY_12_KV_BK2 80841	29.54 -1.33 0.00	25.95 -1.72 0.00	24.04 -2.00 -0.03	22.79 -1.64 0.00	22.93 -1.52 0.00	22.16 -1.59 -0.39	24.00 -1.58 -0.48	22.90 -1.99 -0.27	21.62 -1.99 -1.20	23.20 -2.09 -0.96	24.22 -2.52 -0.78	24.09 -2.80 0.26	24.31 -2.63 0.48	22.12 -2.58 0.56	19.72 -1.91 1.11	19.50 -1.49 1.56	21.83 -1.98 4.03	23.12 -2.39 4.37	23.20 -2.31 5.26	25.03 -2.21 3.41	30.04 -2.91 1.72	26.85 -2.71 -0.42	30.05 -3.28 -1.16	24.39 -1.55 -1.71
WALDEN__HYDRO 24148	32.94 2.07 0.00	29.66 1.99 0.00	28.00 1.82 -0.16	26.14 1.71 0.00	26.16 1.71 0.00	27.07 1.49 -2.22	29.45 1.63 -2.71	28.02 1.85 -1.55	30.92 1.66 -6.84	31.58 1.80 -5.44	31.91 1.87 -4.09	31.94 1.93 -2.87	32.93 1.95 -3.55	33.09 1.82 -6.01	35.84 1.71 -11.39	44.31 1.80 -19.95	50.79 2.23 -20.72	58.79 2.36 -26.55	58.37 2.49 -25.11	53.79 2.48 -20.66	53.00 2.67 -15.65	46.60 2.16 -15.31	41.13 2.38 -6.58	35.82 1.87 -9.73
WARRENSBURG____ 23737	32.51 1.64 0.00	29.13 1.47 0.00	27.61 1.38 -0.21	25.65 1.22 0.00	25.70 1.25 0.00	27.43 1.05 -3.02	29.92 1.13 -3.69	27.96 1.23 -2.11	32.91 1.19 -9.31	33.07 1.34 -7.39	32.97 1.45 -5.56	32.51 1.47 -3.90	33.76 1.51 -4.83	34.77 1.34 -8.17	39.45 1.23 -15.48	41.44 1.20 -17.70	45.95 1.53 -16.58	49.79 1.67 -18.24	55.43 1.78 -22.87	60.21 1.78 -27.78	58.05 2.08 -21.29	51.50 1.54 -20.82	42.73 1.61 -8.95	38.55 1.09 -13.24
WATERSIDE____6 8 9 23538	33.54 2.65 -0.02	30.23 2.55 -0.02	28.51 2.32 -0.18	26.59 2.15 -0.02	26.62 2.15 -0.02	27.58 1.92 -2.30	30.02 2.11 -2.81	31.29 2.31 -4.36	32.98 2.08 -8.48	34.53 2.29 -7.90	39.23 2.41 -10.86	44.82 2.50 -15.18	50.18 2.58 -20.18	50.13 2.40 -22.46	51.07 2.25 -26.07	58.94 2.32 -34.06	55.21 2.81 -24.55	79.42 2.99 -46.55	60.44 3.11 -26.57	55.18 3.10 -21.44	54.20 3.29 -16.23	47.74 2.71 -15.89	41.95 2.96 -6.82	36.68 2.35 -10.11
WATKINRD_115KV_LN8_ILLION 55919	31.05 0.19 0.00	27.83 0.17 0.00	26.18 0.16 0.00	24.57 0.15 0.00	24.59 0.15 0.00	23.40 0.05 0.00	25.13 0.03 0.00	24.62 0.00 0.00	22.39 -0.02 0.00	24.34 0.00 0.00	25.96 0.00 0.00	27.15 0.00 0.00	27.43 0.00 0.00	25.27 0.00 0.00	22.79 0.05 0.00	22.60 0.05 0.00	27.90 0.06 0.00	29.91 0.03 0.00	30.80 0.03 0.00	30.68 0.03 0.00	34.68 0.00 0.00	29.11 -0.03 0.00	32.14 -0.03 0.00	24.25 0.02 0.00

WDELAWARE___HYD 323627	33.06 2.19 0.00	29.74 2.08 0.00	28.07 1.90 -0.15	26.23 1.81 0.00	26.28 1.83 0.00	27.04 1.59 -2.10	29.34 1.68 -2.56	27.95 1.87 -1.46	30.56 1.68 -6.46	31.27 1.80 -5.13	31.70 1.89 -3.85	31.80 1.96 -2.70	32.69 1.92 -3.34	32.72 1.79 -5.66	35.13 1.66 -10.72	42.37 1.76 -18.06	48.69 2.20 -18.64	55.89 2.36 -23.66	56.13 2.55 -22.81	52.70 2.57 -19.48	52.26 2.81 -14.77	45.83 2.24 -14.45	40.86 2.48 -6.21	35.37 1.96 -9.18
WEST BABYLON___IC 23714	34.71 3.83 -0.01	31.25 3.57 -0.01	29.44 3.25 -0.17	27.46 3.03 -0.01	27.46 3.01 -0.01	28.40 2.73 -2.31	30.94 3.01 -2.82	30.09 3.25 -2.22	34.89 2.91 -9.57	34.73 3.16 -7.22	41.52 3.35 -12.21	41.77 3.45 -11.18	41.75 3.48 -10.83	42.16 3.23 -13.66	42.40 3.02 -16.63	47.15 3.02 -21.58	53.73 3.76 -22.13	62.81 3.94 -28.99	61.51 4.15 -26.59	56.31 4.20 -21.47	55.43 4.51 -16.24	50.42 3.58 -17.70	43.42 4.12 -7.13	40.77 3.27 -13.28
WEST CANADA___HYD 24049	31.06 0.19 0.00	27.86 0.20 0.00	26.20 0.18 0.00	24.60 0.17 0.00	24.62 0.17 0.00	23.45 0.09 0.00	25.20 0.10 0.00	24.69 0.07 0.00	22.46 0.04 0.00	24.39 0.05 0.00	26.01 0.05 0.00	27.20 0.05 0.00	27.48 0.05 0.00	25.32 0.05 0.00	22.81 0.07 0.00	22.64 0.09 0.00	27.93 0.08 0.00	29.97 0.09 0.00	30.86 0.09 0.00	30.77 0.12 0.00	34.78 0.10 0.00	29.22 0.09 0.00	32.24 0.06 0.00	24.35 0.12 0.00
WESTERN_NY_WIND 24143	30.01 -0.86 0.00	26.42 -1.25 0.00	24.66 -1.38 -0.02	23.25 -1.17 0.00	23.47 -0.98 0.00	22.89 -0.79 -0.33	24.73 -0.78 -0.40	23.65 -1.21 -0.23	22.20 -1.23 -1.02	23.81 -1.34 -0.81	24.91 -1.71 -0.67	25.37 -1.82 -0.05	25.43 -1.97 0.03	23.63 -1.72 -0.09	21.77 -1.11 -0.15	21.70 -0.88 -0.03	24.97 -1.50 1.37	26.50 -1.91 1.47	27.24 -1.78 1.75	28.39 -1.62 0.63	33.17 -1.49 0.02	28.74 -1.49 -1.09	31.16 -1.99 -0.98	24.93 -0.75 -1.45
WESTOVER___LESR 323668	31.21 0.34 0.00	27.81 0.14 0.00	26.05 -0.03 -0.05	24.52 0.10 0.00	24.59 0.15 0.00	24.03 -0.09 -0.77	26.02 -0.03 -0.94	25.01 -0.15 -0.54	24.56 -0.22 -2.37	26.03 -0.19 -1.88	27.05 -0.36 -1.46	27.73 -0.43 -1.02	28.39 -0.30 -1.26	27.03 -0.38 -2.14	26.62 -0.18 -4.06	27.62 0.02 -5.05	32.69 0.11 -4.73	35.37 0.06 -5.43	37.24 0.15 -6.32	37.99 0.25 -7.10	40.00 -0.10 -5.43	34.24 -0.20 -5.31	34.10 -0.35 -2.28	27.65 0.05 -3.37
WETHRSFD_WT_PWR 323626	29.85 -1.02 0.00	26.26 -1.41 0.00	24.36 -1.69 -0.03	22.98 -1.44 0.00	23.10 -1.34 0.00	22.41 -1.43 -0.47	24.18 -1.51 -0.58	23.16 -1.80 -0.33	21.99 -1.88 -1.46	23.53 -1.97 -1.16	24.39 -2.44 -0.87	22.23 -2.71 2.20	21.51 -2.66 3.26	17.99 -2.63 4.65	11.68 -2.11 8.94	9.34 -1.85 11.36	6.37 -2.31 19.16	6.36 -2.63 20.89	2.85 -2.58 25.33	8.01 -2.33 20.30	19.19 -3.26 12.23	21.57 -2.94 4.62	30.36 -3.22 -1.41	24.66 -1.65 -2.08
WHAVSTOR_138KV_BK127 55557	33.03 2.16 0.00	29.74 2.08 0.00	28.08 1.90 -0.16	26.18 1.76 0.00	26.21 1.76 0.00	27.13 1.54 -2.23	29.56 1.73 -2.73	28.15 1.97 -1.56	31.07 1.77 -6.88	31.73 1.92 -5.47	32.12 2.05 -4.11	32.15 2.12 -2.88	33.14 2.14 -3.57	33.33 2.02 -6.04	36.11 1.91 -11.45	44.84 1.96 -20.33	51.43 2.42 -21.16	59.65 2.57 -27.20	59.01 2.68 -25.57	54.10 2.67 -20.79	53.23 2.81 -15.74	46.80 2.27 -15.39	41.29 2.51 -6.61	36.00 1.99 -9.78
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.03 2.16 0.00	29.74 2.08 0.00	28.08 1.90 -0.16	26.18 1.76 0.00	26.21 1.76 0.00	27.13 1.54 -2.23	29.56 1.73 -2.73	28.15 1.97 -1.56	31.07 1.77 -6.88	31.73 1.92 -5.47	32.12 2.05 -4.11	32.15 2.12 -2.88	33.14 2.14 -3.57	33.33 2.02 -6.04	36.11 1.91 -11.45	44.84 1.96 -20.33	51.43 2.42 -21.16	59.65 2.57 -27.20	59.01 2.68 -25.57	54.10 2.67 -20.79	53.23 2.81 -15.74	46.80 2.27 -15.39	41.29 2.51 -6.61	36.00 1.99 -9.78
WHITEHAL_115KV_TB1 80871	33.03 2.16 0.00	29.58 1.91 0.00	28.00 1.77 -0.21	25.99 1.56 0.00	26.06 1.61 0.00	27.76 1.38 -3.02	30.27 1.48 -3.69	28.35 1.62 -2.10	33.26 1.55 -9.30	33.46 1.73 -7.39	33.35 1.84 -5.55	32.91 1.87 -3.89	34.17 1.92 -4.82	35.09 1.67 -8.16	39.73 1.52 -15.47	41.73 1.49 -17.69	46.37 1.95 -16.57	50.30 2.18 -18.24	56.00 2.37 -22.86	60.79 2.39 -27.76	58.69 2.74 -21.27	51.98 2.04 -20.80	43.26 2.16 -8.94	38.88 1.43 -13.22
WHITEPLN_13_KV_LOAD 356215	33.43 2.56 0.00	30.10 2.43 0.00	28.39 2.21 -0.16	26.48 2.05 0.00	26.50 2.05 0.00	27.48 1.82 -2.30	29.94 2.03 -2.81	28.62 2.31 -1.68	31.62 2.08 -7.12	32.33 2.26 -5.73	32.79 2.41 -4.42	32.98 2.50 -3.34	34.18 2.61 -4.15	34.40 2.45 -6.68	37.23 2.30 -12.19	46.35 2.35 -21.45	52.81 2.92 -22.05	61.84 3.14 -28.82	60.47 3.20 -26.50	55.23 3.19 -21.40	54.27 3.40 -16.20	47.69 2.71 -15.84	41.94 2.96 -6.81	36.62 2.33 -10.07
WM_FLOYD_69_KV_BK2 356380	35.03 4.14 -0.02	31.53 3.85 -0.02	29.71 3.51 -0.18	27.71 3.27 -0.01	27.71 3.25 -0.01	28.64 2.97 -2.31	31.19 3.26 -2.82	33.53 3.52 -5.39	35.20 3.14 -9.65	34.83 3.26 -7.22	41.57 3.40 -12.21	41.83 3.50 -11.18	41.75 3.48 -10.83	42.14 3.21 -13.66	42.42 3.05 -16.63	47.34 3.16 -21.63	53.88 3.90 -22.14	62.94 4.06 -29.00	61.78 4.37 -26.64	56.56 4.35 -21.57	55.61 4.68 -16.25	64.10 3.76 -31.20	45.80 4.28 -9.35	40.94 3.44 -13.28
WOODARD___115KV_TB2 355635	30.81 -0.06 0.00	27.53 -0.14 0.00	25.83 -0.21 -0.02	24.28 -0.15 0.00	24.33 -0.12 0.00	23.24 -0.33 -0.21	24.98 -0.38 -0.26	24.15 -0.62 -0.15	22.46 -0.61 -0.65	24.25 -0.61 -0.52	25.69 -0.73 -0.46	26.65 -0.81 -0.32	26.97 -0.85 -0.40	25.20 -0.73 -0.67	23.47 -0.55 -1.27	23.56 -0.47 -1.48	28.39 -0.64 -1.19	30.49 -0.72 -1.32	31.69 -0.71 -1.63	32.04 -0.55 -1.95	35.58 -0.59 -1.49	30.04 -0.55 -1.46	32.09 -0.71 -0.63	24.91 -0.24 -0.93
WOODMERE_69_KV_BK1 55827	34.21 3.33 -0.01	30.80 3.13 -0.01	29.05 2.86 -0.17	27.12 2.69 -0.01	27.15 2.69 -0.01	28.08 2.41 -2.31	30.58 2.66 -2.82	29.21 2.88 -1.71	34.38 2.56 -9.41	34.36 2.80 -7.22	41.16 2.99 -12.21	41.42 3.09 -11.18	41.45 3.18 -10.83	41.89 2.96 -13.66	42.15 2.77 -16.63	46.99 2.89 -21.55	53.53 3.56 -22.12	62.60 3.76 -28.96	61.26 3.91 -26.58	55.99 3.89 -21.46	55.12 4.20 -16.24	48.40 3.38 -15.88	42.73 3.73 -6.83	40.39 2.88 -13.28
YORK___WARBASSE 23770	33.73 2.84 -0.02	30.40 2.71 -0.02	28.67 2.47 -0.18	26.76 2.32 -0.02	26.79 2.32 -0.02	27.72 2.06 -2.30	30.17 2.26 -2.81	31.34 2.36 -4.36	33.05 2.15 -8.48	45.80 2.34 -19.13	39.31 2.49 -10.86	50.95 2.61 -21.20	50.29 2.69 -20.18	50.23 2.50 -22.46	51.18 2.37 -26.07	59.05 2.44 -34.06	55.32 2.92 -24.55	79.57 3.14 -46.55	60.60 3.26 -26.57	55.31 3.22 -21.44	54.41 3.50 -16.23	47.93 2.88 -15.90	42.21 3.09 -6.95	36.82 2.47 -10.12