

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/21/2025

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	30.35	28.71	27.10	25.88	26.77	29.81	35.04	40.66	37.00	34.23	32.99	32.27	31.44	31.41	32.85	35.79	39.14	44.31	49.95	53.40	52.82	41.64	35.89	32.23
24138	2.17	1.95	1.82	1.76	1.82	2.05	2.66	2.98	2.83	2.77	2.58	2.50	2.67	2.62	2.71	3.07	3.29	3.37	3.24	3.77	3.04	2.94	2.35	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	0.00	-0.05	-0.01	-0.01	-0.03	-0.87	-1.63	-0.05	-0.01	-4.75	-10.25	-7.29	-13.94	-4.09	-6.24	-9.27
74TH STREET_GT_1	30.40	28.76	27.12	25.93	26.82	29.86	35.07	40.73	37.07	34.23	33.06	32.34	31.45	31.43	32.85	35.76	39.26	44.38	50.06	53.49	52.93	41.75	35.91	32.18
24260	2.23	2.01	1.85	1.81	1.87	2.11	2.69	3.06	2.90	2.73	2.64	2.56	2.67	2.60	2.65	3.01	3.40	3.44	3.35	3.85	3.15	3.05	2.37	1.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	0.00	-0.08	-0.02	-0.02	-0.04	-0.92	-1.68	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.08	-6.24	-9.27
74TH STREET_GT_2	30.40	28.76	27.12	25.93	26.82	29.86	35.07	40.73	37.07	34.23	33.06	32.34	31.45	31.43	32.85	35.76	39.26	44.38	50.06	53.49	52.93	41.75	35.91	32.18
24261	2.23	2.01	1.85	1.81	1.87	2.11	2.69	3.06	2.90	2.73	2.64	2.56	2.67	2.60	2.65	3.01	3.40	3.44	3.35	3.85	3.15	3.05	2.37	1.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	0.00	-0.08	-0.02	-0.02	-0.04	-0.92	-1.68	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.08	-6.24	-9.27
ADK HUDSON___FALLS	29.64	28.09	26.62	25.40	26.45	29.50	34.49	40.57	36.49	33.27	32.16	31.34	30.32	30.54	32.21	34.86	37.45	43.54	50.83	53.33	54.88	41.19	36.27	33.61
24011	1.47	1.34	1.34	1.28	1.50	1.75	2.10	2.58	2.32	1.85	1.76	1.58	1.58	1.59	1.71	2.19	1.61	1.45	1.64	1.91	1.68	1.49	1.20	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	0.00	0.00	0.00	0.00	0.00	-1.03	-1.98	0.00	0.00	-5.90	-12.74	-9.08	-17.35	-5.09	-7.77	-11.55
ADK RESOURCE___RCVRY	29.75	28.17	26.69	25.47	26.55	29.59	34.59	40.72	36.63	33.36	32.28	31.43	30.40	30.62	32.29	34.14	37.49	43.63	50.94	53.41	54.95	41.26	36.33	34.12
23798	1.58	1.42	1.41	1.35	1.60	1.83	2.20	2.73	2.46	1.95	1.89	1.67	1.67	1.67	1.80	1.47	1.65	1.52	1.71	1.99	1.76	1.56	1.26	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	0.00	0.00	0.00	0.00	0.00	-1.03	-1.98	0.00	0.00	-5.91	-12.78	-9.08	-17.36	-5.09	-7.77	-11.55
ADK S GLENS___FALLS	29.64	28.09	26.62	25.40	26.45	29.50	34.49	40.57	36.49	33.27	32.16	31.34	30.32	30.54	32.21	34.86	37.45	43.54	50.83	53.33	54.88	41.19	36.27	33.61
24028	1.47	1.34	1.34	1.28	1.50	1.75	2.10	2.58	2.32	1.85	1.76	1.58	1.58	1.59	1.71	2.19	1.61	1.45	1.64	1.91	1.68	1.49	1.20	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	0.00	0.00	0.00	0.00	0.00	-1.03	-1.98	0.00	0.00	-5.90	-12.74	-9.08	-17.35	-5.09	-7.77	-11.55
ADK_NYS___DAM	29.59	28.04	26.51	25.31	26.27	29.28	34.26	40.16	36.15	33.14	32.04	31.31	30.31	30.45	32.00	34.50	37.95	44.07	51.08	53.83	54.92	41.67	36.48	33.70
23527	1.41	1.28	1.24	1.18	1.32	1.53	1.88	2.22	1.98	1.73	1.64	1.55	1.58	1.53	1.57	1.83	2.11	2.13	2.22	2.67	2.22	2.11	1.64	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.56	0.00	0.00	0.00	0.00	0.00	-1.00	-1.91	0.00	0.00	-5.74	-12.41	-8.82	-16.85	-4.94	-7.55	-11.22
AIR_PRODUCTS___DRP	28.74	27.29	25.81	24.63	25.50	28.39	33.10	38.79	34.99	32.14	31.10	30.39	29.48	29.65	31.19	33.55	36.77	42.82	49.75	52.20	53.59	40.36	35.52	32.96
24190	0.56	0.54	0.53	0.51	0.55	0.64	0.71	0.84	0.82	0.72	0.70	0.63	0.75	0.73	0.74	0.88	0.93	0.87	0.87	1.02	0.86	0.80	0.66	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.57	0.00	0.00	0.00	0.00	0.00	-1.00	-1.93	0.00	0.00	-5.75	-12.43	-8.84	-16.90	-4.95	-7.57	-11.24
AKWESSNE_115KV_BK	28.23	26.81	25.33	24.20	24.98	27.73	32.29	36.17	33.79	31.04	30.09	29.44	28.39	27.53	28.09	32.18	35.12	35.40	35.61	41.28	35.16	34.03	26.97	20.98
355683	0.06	0.05	0.05	0.07	0.02	-0.03	-0.10	-0.22	-0.38	-0.38	-0.30	-0.33	-0.34	-0.39	-0.43	-0.49	-0.72	-0.80	-0.84	-1.06	-0.68	-0.59	-0.33	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.11	27.64	26.14	24.97	25.85	28.78	33.55	39.09	35.26	32.33	31.22	30.51	29.57	29.58	31.12	33.78	37.09	42.92	49.79	52.47	53.70	40.69	35.69	33.03
323833	0.93	0.88	0.86	0.84	0.90	1.03	1.16	1.16	1.09	0.91	0.82	0.74	0.83	0.70	0.74	1.11	1.25	1.12	1.24	1.44	1.25	1.21	0.95	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	0.00	0.00	0.00	0.00	0.00	-0.97	-1.86	0.00	0.00	-5.60	-12.10	-8.69	-16.61	-4.87	-7.44	-11.05
ALBANY_2_SOLAR	29.11	27.64	26.14	24.94	25.85	28.78	33.55	39.09	35.26	32.33	31.22	30.51	29.57	29.58	31.12	33.78	37.09	42.92	49.79	52.47	53.70	40.66	35.69	33.03
323834	0.93	0.88	0.86	0.82	0.90	1.03	1.16	1.16	1.09	0.91	0.82	0.74	0.83	0.70	0.74	1.11	1.25	1.12	1.24	1.44	1.25	1.18	0.95	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	0.00	0.00	0.00	0.00	0.00	-0.97	-1.86	0.00	0.00	-5.60	-12.10	-8.69	-16.61	-4.87	-7.44	-11.05
ALBANY___1	28.74	27.29	25.81	24.63	25.50	28.39	33.10	38.79	34.99	32.14	31.10	30.39	29.48	29.65	31.19	33.55	36.77	42.82	49.75	52.20	53.59	40.36	35.52	32.96
23571	0.56	0.54	0.53	0.51	0.55	0.64	0.71	0.84	0.82	0.72	0.70	0.63	0.75	0.73	0.74	0.88	0.93	0.87	0.87	1.02	0.86	0.80	0.66	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.57	0.00	0.00	0.00	0.00	0.00	-1.00	-1.93	0.00	0.00	-5.75	-12.43	-8.84	-16.90	-4.95	-7.57	-11.24

ALBANY___2 23572	28.74 0.56 0.00	27.29 0.54 0.00	25.81 0.53 0.00	24.63 0.51 0.00	25.50 0.55 0.00	28.39 0.64 0.00	33.10 0.71 0.00	38.79 0.84 -1.57	34.99 0.82 0.00	32.14 0.72 0.00	31.10 0.70 0.00	30.39 0.63 0.00	29.48 0.75 0.00	29.65 0.73 -1.00	31.19 0.74 -1.93	33.55 0.88 0.00	36.77 0.93 0.00	42.82 0.87 -5.75	49.75 0.87 -12.43	52.20 1.02 -8.84	53.59 0.86 -16.90	40.36 0.80 -4.95	35.52 0.66 -7.57	32.96 0.49 -11.24
ALBANY___3 23573	28.74 0.56 0.00	27.29 0.54 0.00	25.81 0.53 0.00	24.63 0.51 0.00	25.50 0.55 0.00	28.39 0.64 0.00	33.10 0.71 0.00	38.79 0.84 -1.57	34.99 0.82 0.00	32.14 0.72 0.00	31.10 0.70 0.00	30.39 0.63 0.00	29.48 0.75 0.00	29.65 0.73 -1.00	31.19 0.74 -1.93	33.55 0.88 0.00	36.77 0.93 0.00	42.82 0.87 -5.75	49.75 0.87 -12.43	52.20 1.02 -8.84	53.59 0.86 -16.90	40.36 0.80 -4.95	35.52 0.66 -7.57	32.96 0.49 -11.24
ALBANY___4 23574	28.74 0.56 0.00	27.29 0.54 0.00	25.81 0.53 0.00	24.63 0.51 0.00	25.50 0.55 0.00	28.39 0.64 0.00	33.10 0.71 0.00	38.79 0.84 -1.57	34.99 0.82 0.00	32.14 0.72 0.00	31.10 0.70 0.00	30.39 0.63 0.00	29.48 0.75 0.00	29.65 0.73 -1.00	31.19 0.74 -1.93	33.55 0.88 0.00	36.77 0.93 0.00	42.82 0.87 -5.75	49.75 0.87 -12.43	52.20 1.02 -8.84	53.59 0.86 -16.90	40.36 0.80 -4.95	35.52 0.66 -7.57	32.96 0.49 -11.24
ALBANY___LFGE 323615	28.94 0.76 0.00	27.48 0.72 0.00	25.98 0.71 0.00	24.82 0.70 0.00	25.70 0.75 0.00	28.62 0.86 0.00	33.39 1.01 0.00	39.12 1.16 -1.58	35.29 1.13 0.00	32.39 0.97 0.00	31.34 0.94 0.00	30.66 0.89 0.00	29.71 0.98 0.00	29.87 0.95 -1.01	31.45 1.00 -1.94	33.84 1.17 0.00	37.13 1.29 0.00	43.18 1.19 -5.80	50.22 1.24 -12.53	52.64 1.40 -8.90	54.03 1.18 -17.01	40.74 1.14 -4.99	35.84 0.93 -7.62	33.27 0.72 -11.32
ALCOA_PA_115KV_PL-6C 55860	28.37 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.32 0.19 0.00	25.10 0.15 0.00	27.89 0.14 0.00	32.48 0.10 0.00	36.35 -0.04 0.00	33.96 -0.21 0.00	31.16 -0.25 0.00	30.22 -0.18 0.00	29.56 -0.21 0.00	28.51 -0.23 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.31 -0.36 0.00	35.26 -0.57 0.00	35.51 -0.69 0.00	35.76 -0.69 0.00	41.45 -0.89 0.00	35.34 -0.50 0.00	34.20 -0.42 0.00	27.08 -0.22 0.00	21.08 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	28.37 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.32 0.19 0.00	25.10 0.15 0.00	27.89 0.14 0.00	32.48 0.10 0.00	36.35 -0.04 0.00	33.96 -0.21 0.00	31.16 -0.25 0.00	30.22 -0.18 0.00	29.56 -0.21 0.00	28.51 -0.23 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.31 -0.36 0.00	35.26 -0.57 0.00	35.51 -0.69 0.00	35.76 -0.69 0.00	41.45 -0.89 0.00	35.34 -0.50 0.00	34.20 -0.42 0.00	27.08 -0.22 0.00	21.08 -0.15 0.00
ALCOA___DSASP 323711	28.38 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.32 0.19 0.00	25.10 0.15 0.00	27.89 0.14 0.00	32.48 0.10 0.00	36.35 -0.04 0.00	33.93 -0.24 0.00	31.16 -0.25 0.00	30.22 -0.18 0.00	29.56 -0.21 0.00	28.50 -0.23 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.34 -0.33 0.00	35.26 -0.57 0.00	35.51 -0.69 0.00	35.76 -0.69 0.00	41.45 -0.89 0.00	35.34 -0.50 0.00	34.16 -0.45 0.00	27.08 -0.22 0.00	21.04 -0.19 0.00
ALLEGHENY___COGEN 23514	27.39 -0.79 0.00	26.06 -0.70 0.00	24.60 -0.68 0.00	23.33 -0.80 0.00	24.20 -0.75 0.00	26.86 -0.89 0.00	31.22 -1.16 0.00	35.02 -1.42 -0.05	32.35 -1.81 0.00	29.72 -1.70 0.00	28.39 -2.01 0.00	27.89 -1.87 0.00	24.93 -2.44 1.36	24.93 -2.32 0.67	25.00 -2.28 1.24	25.07 -2.55 5.05	23.35 -2.61 9.87	33.71 -2.28 0.21	34.31 -1.71 0.43	35.28 -1.44 5.62	34.75 -1.15 -0.06	33.15 -1.32 0.15	25.79 -1.26 0.25	22.08 -0.91 -1.76
ALTAMONT_115KV_TB 2 55880	28.97 0.79 0.00	27.48 0.72 0.00	25.96 0.68 0.00	24.78 0.65 0.00	25.65 0.70 0.00	28.56 0.80 0.00	33.32 0.94 0.00	39.08 1.13 -1.57	35.23 1.06 0.00	32.36 0.94 0.00	31.31 0.91 0.00	30.63 0.86 0.00	29.65 0.92 0.00	29.82 0.89 -1.00	31.36 0.91 -1.93	33.74 1.08 0.00	37.02 1.18 0.00	43.14 1.19 -5.75	50.12 1.24 -12.43	52.57 1.40 -8.83	53.91 1.18 -16.89	40.71 1.14 -4.95	35.76 0.90 -7.56	33.11 0.64 -11.24
ALTONA_WT_PWR 323606	28.69 0.51 0.00	27.29 0.53 0.00	25.78 0.51 0.00	24.61 0.48 0.00	25.40 0.45 0.00	28.17 0.42 0.00	33.26 0.87 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.97 0.58 0.00	30.21 0.45 0.00	29.08 0.35 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.77 0.10 0.00	35.59 -0.25 0.00	35.65 -0.54 0.00	35.72 -0.73 0.00	41.37 -0.97 0.00	35.26 -0.57 0.00	34.37 -0.24 0.00	27.33 0.03 0.00	21.06 -0.17 0.00
AMERICAN_REF_FUEL 24010	24.80 -3.38 0.00	23.73 -3.02 0.00	22.37 -2.91 0.00	21.23 -2.90 0.00	22.01 -2.94 0.00	24.23 -3.53 0.00	27.91 -4.47 0.00	31.64 -4.84 -0.09	29.99 -4.17 0.01	27.99 -3.42 0.00	26.90 -3.49 0.00	26.70 -3.06 0.00	23.71 -3.74 1.29	23.72 -3.60 0.60	23.71 -3.68 1.13	24.10 -3.72 4.84	22.45 -4.05 9.34	31.64 -4.56 0.00	31.80 -4.67 -0.02	32.56 -4.74 5.04	31.72 -4.73 -0.61	30.23 -4.40 -0.02	23.88 -3.44 -0.02	20.24 -2.59 -1.60
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.64 -2.54 0.00	24.45 -2.30 0.00	22.93 -2.35 0.00	21.69 -2.44 0.00	22.48 -2.47 0.00	24.76 -3.00 0.00	28.56 -3.82 0.00	32.18 -4.29 -0.09	30.47 -3.69 0.01	28.31 -3.11 0.00	27.21 -3.19 0.00	26.96 -2.80 0.00	24.01 -3.42 1.30	23.99 -3.32 0.61	23.96 -3.42 1.13	23.93 -3.89 4.85	22.24 -4.19 9.40	31.98 -4.20 0.01	32.28 -4.16 0.02	32.47 -4.78 5.09	32.22 -4.19 -0.58	30.82 -3.81 -0.01	24.30 -3.00 0.00	20.59 -2.42 -1.77
ARTHUR KILL_GT_1 23520	30.47 2.28 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.90 2.14 -0.01	35.14 2.75 -0.01	40.74 3.06 -1.30	37.04 2.87 0.00	33.82 2.32 -0.08	33.03 2.61 -0.02	32.31 2.53 -0.02	31.37 2.59 -0.04	31.08 2.26 -0.90	32.51 2.34 -1.65	35.42 2.68 -0.08	39.33 3.48 -0.02	44.02 3.07 -4.75	49.65 2.95 -10.25	53.05 3.43 -7.28	52.53 2.76 -13.93	41.64 2.94 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
ARTHUR_KILL_2 23512	30.38 2.20 -0.01	28.77 2.01 -0.01	27.15 1.87 -0.01	25.94 1.81 -0.01	26.83 1.87 -0.01	29.84 2.08 -0.01	35.05 2.66 -0.01	40.63 2.95 -1.30	36.97 2.80 0.00	33.72 2.23 -0.08	32.94 2.52 -0.02	32.25 2.47 -0.02	31.28 2.50 -0.04	31.02 2.20 -0.90	32.42 2.25 -1.65	35.32 2.58 -0.08	39.26 3.41 -0.02	43.91 2.97 -4.75	49.54 2.85 -10.25	52.93 3.30 -7.28	52.42 2.65 -13.93	41.54 2.84 -4.09	36.03 2.48 -6.25	32.30 1.78 -9.28
ARTHUR_KILL_3 23513	30.15 1.97 0.00	28.55 1.79 0.00	26.92 1.64 0.00	25.72 1.59 0.00	26.60 1.65 0.00	29.61 1.86 0.00	34.78 2.40 0.00	40.37 2.69 -1.29	36.73 2.56 0.00	34.00 2.51 -0.07	32.75 2.34 -0.01	32.07 2.29 -0.01	31.16 2.38 -0.04	31.18 2.37 -0.89	32.61 2.45 -1.64	35.51 2.78 -0.07	38.90 3.04 -0.01	44.02 3.07 -4.75	49.69 2.99 -10.25	53.06 3.43 -7.29	52.57 2.80 -13.94	41.43 2.73 -4.09	35.69 2.16 -6.24	32.10 1.59 -9.27

ARTHUR_KILL_COGEN 323718	30.47 2.28 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.90 2.14 -0.01	35.14 2.75 -0.01	40.74 3.06 -1.30	37.04 2.87 0.00	33.82 2.32 -0.08	33.03 2.61 -0.02	32.31 2.53 -0.02	31.37 2.59 -0.04	31.08 2.26 -0.90	32.51 2.34 -1.65	35.42 2.68 -0.08	39.33 3.48 -0.02	44.02 3.07 -4.75	49.65 2.95 -10.25	53.05 3.43 -7.28	52.53 2.76 -13.93	41.64 2.94 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
ASHOKAN____ 23654	29.50 1.32 0.00	28.01 1.26 0.00	26.49 1.21 0.00	25.31 1.18 0.00	26.20 1.25 0.00	29.50 1.75 0.00	34.43 2.04 0.00	38.04 0.22 -1.44	35.84 1.67 0.00	32.92 1.51 0.00	31.83 1.43 0.00	31.01 1.25 0.00	30.09 1.35 0.00	28.87 0.06 -0.90	30.33 0.09 -1.73	34.43 1.76 0.00	37.88 2.04 0.00	41.81 0.40 -5.21	48.19 0.47 -11.27	50.95 0.51 -8.10	51.85 0.54 -15.48	39.50 0.35 -4.54	34.45 0.22 -6.93	31.60 0.06 -10.30
ASTORIA_EAST_ENERGY_CC1 323581	30.36 2.17 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.79 2.02 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.88 2.39 -0.08	32.81 2.40 -0.01	32.09 2.32 -0.01	31.19 2.41 -0.04	31.13 2.32 -0.90	32.53 2.37 -1.65	35.42 2.68 -0.08	38.93 3.08 -0.01	44.02 3.07 -4.75	49.66 2.95 -10.25	53.06 3.43 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.09	35.87 2.32 -6.25	32.23 1.72 -9.28
ASTORIA_EAST_ENERGY_CC2 323582	30.36 2.17 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.79 2.02 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.88 2.39 -0.08	32.81 2.40 -0.01	32.09 2.32 -0.01	31.19 2.41 -0.04	31.13 2.32 -0.90	32.53 2.37 -1.65	35.42 2.68 -0.08	38.93 3.08 -0.01	44.02 3.07 -4.75	49.66 2.95 -10.25	53.06 3.43 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.09	35.87 2.32 -6.25	32.23 1.72 -9.28
ASTORIA_GT2_1 24094	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT2_2 24095	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT2_3 24096	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT2_4 24097	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT3_1 24098	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT3_2 24099	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT3_3 24100	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT3_4 24101	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT4_1 24102	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT4_2 24103	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT4_3 24104	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28

ASTORIA_GT4_4 24105	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.02 3.08 -4.75	49.66 2.95 -10.25	53.02 3.39 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.08	35.89 2.35 -6.25	32.19 1.68 -9.28
ASTORIA_GT_1 23523	30.41 2.23 -0.01	28.77 2.01 -0.01	27.15 1.87 -0.01	25.94 1.81 -0.01	26.83 1.87 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.63 2.95 -1.30	36.84 2.67 0.00	33.94 2.45 -0.08	32.87 2.46 -0.01	32.12 2.35 -0.01	31.24 2.47 -0.04	31.19 2.37 -0.90	32.59 2.42 -1.65	35.49 2.74 -0.08	39.00 3.15 -0.01	44.05 3.11 -4.75	49.70 2.99 -10.25	53.11 3.47 -7.29	52.57 2.80 -13.94	41.57 2.87 -4.09	35.92 2.37 -6.25	32.26 1.74 -9.28
ASTORIA_GT_10 24110	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.84 2.08 -0.01	34.98 2.59 -0.01	40.63 2.95 -1.30	36.94 2.77 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.34 2.56 -0.04	31.29 2.46 -0.92	32.68 2.48 -1.68	35.53 2.78 -0.08	39.12 3.26 -0.02	44.16 3.22 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.60 2.83 -13.94	41.61 2.91 -4.08	35.92 2.37 -6.25	32.19 1.68 -9.28
ASTORIA_GT_11 24225	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.84 2.08 -0.01	34.98 2.59 -0.01	40.63 2.95 -1.30	36.94 2.77 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.34 2.56 -0.04	31.29 2.46 -0.92	32.68 2.48 -1.68	35.53 2.78 -0.08	39.12 3.26 -0.02	44.16 3.22 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.60 2.83 -13.94	41.61 2.91 -4.08	35.92 2.37 -6.25	32.19 1.68 -9.28
ASTORIA_GT_12 24226	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.84 2.08 -0.01	34.98 2.59 -0.01	40.63 2.95 -1.30	36.94 2.77 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.34 2.56 -0.04	31.29 2.46 -0.92	32.68 2.48 -1.68	35.53 2.78 -0.08	39.12 3.26 -0.02	44.16 3.22 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.60 2.83 -13.94	41.61 2.91 -4.08	35.92 2.37 -6.25	32.19 1.68 -9.28
ASTORIA_GT_13 24227	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.84 2.08 -0.01	34.98 2.59 -0.01	40.63 2.95 -1.30	36.94 2.77 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.34 2.56 -0.04	31.29 2.46 -0.92	32.68 2.48 -1.68	35.53 2.78 -0.08	39.12 3.26 -0.02	44.16 3.22 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.60 2.83 -13.94	41.61 2.91 -4.08	35.92 2.37 -6.25	32.19 1.68 -9.28
ASTORIA_GT_5 24106	30.41 2.23 -0.01	28.77 2.01 -0.01	27.15 1.87 -0.01	25.94 1.81 -0.01	26.83 1.87 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.63 2.95 -1.30	36.83 2.67 0.00	33.95 2.45 -0.08	32.85 2.43 -0.02	32.13 2.35 -0.02	31.28 2.50 -0.04	31.24 2.40 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	39.01 3.15 -0.02	44.09 3.15 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.57 2.80 -13.94	41.57 2.87 -4.08	35.92 2.37 -6.25	32.21 1.70 -9.28
ASTORIA_GT_7 24107	30.41 2.23 -0.01	28.77 2.01 -0.01	27.15 1.87 -0.01	25.94 1.81 -0.01	26.83 1.87 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.63 2.95 -1.30	36.83 2.67 0.00	33.95 2.45 -0.08	32.85 2.43 -0.02	32.13 2.35 -0.02	31.28 2.50 -0.04	31.24 2.40 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	39.01 3.15 -0.02	44.09 3.15 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.57 2.80 -13.94	41.57 2.87 -4.08	35.92 2.37 -6.25	32.21 1.70 -9.28
ASTORIA_GT_8 24108	30.41 2.23 -0.01	28.77 2.01 -0.01	27.15 1.87 -0.01	25.94 1.81 -0.01	26.83 1.87 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.63 2.95 -1.30	36.83 2.67 0.00	33.95 2.45 -0.08	32.85 2.43 -0.02	32.13 2.35 -0.02	31.28 2.50 -0.04	31.24 2.40 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	39.01 3.15 -0.02	44.09 3.15 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.57 2.80 -13.94	41.57 2.87 -4.08	35.92 2.37 -6.25	32.21 1.70 -9.28
ASTORIA___2 24149	30.36 2.17 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.79 2.02 -0.01	34.98 2.59 -0.01	40.56 2.87 -1.30	36.80 2.63 0.00	33.88 2.39 -0.08	32.81 2.40 -0.01	32.09 2.32 -0.01	31.19 2.41 -0.04	31.13 2.32 -0.90	32.53 2.37 -1.65	35.42 2.68 -0.08	38.93 3.08 -0.01	44.02 3.07 -4.75	49.66 2.95 -10.25	53.06 3.43 -7.29	52.50 2.72 -13.94	41.50 2.80 -4.09	35.87 2.32 -6.25	32.23 1.72 -9.28
ASTORIA___3 23516	30.36 2.17 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.63 2.95 -1.30	36.93 2.77 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.31 2.53 -0.04	31.25 2.43 -0.91	32.66 2.48 -1.66	35.56 2.81 -0.08	39.12 3.26 -0.02	44.13 3.19 -4.75	49.73 3.02 -10.25	53.15 3.51 -7.29	52.61 2.83 -13.94	41.61 2.91 -4.09	35.89 2.35 -6.25	32.23 1.72 -9.28
ASTORIA___4 23517	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.84 2.08 -0.01	34.98 2.59 -0.01	40.63 2.95 -1.30	36.94 2.77 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.34 2.56 -0.04	31.29 2.46 -0.92	32.68 2.48 -1.68	35.53 2.78 -0.08	39.12 3.26 -0.02	44.16 3.22 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.60 2.83 -13.94	41.61 2.91 -4.08	35.92 2.37 -6.25	32.19 1.68 -9.28
ASTORIA___5 23518	30.36 2.17 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.89 1.76 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	34.98 2.59 -0.01	40.63 2.95 -1.30	36.93 2.77 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.31 2.53 -0.04	31.25 2.43 -0.91	32.66 2.48 -1.66	35.56 2.81 -0.08	39.12 3.26 -0.02	44.13 3.19 -4.75	49.73 3.02 -10.25	53.11 3.47 -7.29	52.61 2.83 -13.94	41.61 2.91 -4.09	35.89 2.35 -6.25	32.23 1.72 -9.28
AST_ENERGY_2_CC3 323677	30.26 2.09 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.70 1.94 0.00	34.88 2.49 0.00	40.52 2.84 -1.29	36.84 2.67 0.00	34.03 2.54 -0.07	32.84 2.43 -0.01	32.13 2.35 -0.01	31.24 2.47 -0.04	31.24 2.43 -0.89	32.64 2.48 -1.64	35.58 2.84 -0.07	39.01 3.15 -0.01	44.16 3.22 -4.75	49.80 3.10 -10.25	53.23 3.60 -7.29	52.68 2.90 -13.94	41.54 2.84 -4.09	35.80 2.26 -6.24	32.16 1.66 -9.27
AST_ENERGY_2_CC4 323678	30.26 2.09 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.70 1.94 0.00	34.88 2.49 0.00	40.52 2.84 -1.29	36.84 2.67 0.00	34.03 2.54 -0.07	32.84 2.43 -0.01	32.13 2.35 -0.01	31.24 2.47 -0.04	31.24 2.43 -0.89	32.64 2.48 -1.64	35.58 2.84 -0.07	39.01 3.15 -0.01	44.16 3.22 -4.75	49.80 3.10 -10.25	53.23 3.60 -7.29	52.68 2.90 -13.94	41.54 2.84 -4.09	35.80 2.26 -6.24	32.16 1.66 -9.27

ATHENS_STG_1 23668	29.14 0.96 0.00	27.61 0.86 0.00	26.11 0.83 0.00	24.92 0.79 0.00	25.77 0.82 0.00	28.67 0.91 0.00	33.52 1.13 0.00	39.14 1.35 -1.41	35.43 1.26 0.00	32.55 1.13 0.00	31.52 1.13 0.00	30.83 1.07 0.00	29.91 1.18 0.00	29.95 1.15 -0.89	31.40 1.17 -1.71	33.97 1.31 0.00	37.31 1.47 0.00	42.89 1.52 -5.18	49.13 1.50 -11.19	52.03 1.74 -7.95	52.48 1.44 -15.20	40.46 1.39 -4.46	35.20 1.09 -6.81	32.16 0.81 -10.12
ATHENS_STG_2 23670	29.14 0.96 0.00	27.61 0.86 0.00	26.11 0.83 0.00	24.92 0.79 0.00	25.77 0.82 0.00	28.67 0.91 0.00	33.52 1.13 0.00	39.14 1.35 -1.41	35.43 1.26 0.00	32.55 1.13 0.00	31.52 1.13 0.00	30.83 1.07 0.00	29.91 1.18 0.00	29.95 1.15 -0.89	31.40 1.17 -1.71	33.97 1.31 0.00	37.31 1.47 0.00	42.89 1.52 -5.18	49.13 1.50 -11.19	52.03 1.74 -7.95	52.48 1.44 -15.20	40.46 1.39 -4.46	35.20 1.09 -6.81	32.16 0.81 -10.12
ATHENS_STG_3 23677	29.14 0.96 0.00	27.61 0.86 0.00	26.11 0.83 0.00	24.92 0.79 0.00	25.77 0.82 0.00	28.67 0.91 0.00	33.52 1.13 0.00	39.14 1.35 -1.41	35.43 1.26 0.00	32.55 1.13 0.00	31.52 1.13 0.00	30.83 1.07 0.00	29.91 1.18 0.00	29.95 1.15 -0.89	31.40 1.17 -1.71	33.97 1.31 0.00	37.31 1.47 0.00	42.89 1.52 -5.18	49.13 1.50 -11.19	52.03 1.74 -7.95	52.48 1.44 -15.20	40.46 1.39 -4.46	35.20 1.09 -6.81	32.16 0.81 -10.12
AUBURN___LFGE 323710	27.78 -0.39 0.00	26.43 -0.32 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.42 -0.33 0.00	32.09 -0.29 0.00	36.30 -0.29 -0.21	33.86 -0.31 0.00	31.16 -0.25 0.00	30.12 -0.27 0.00	29.53 -0.24 0.00	28.75 -0.40 -0.42	27.90 -0.36 -0.34	28.86 -0.31 -0.66	33.90 -0.33 -1.56	38.54 -0.32 -3.03	36.81 -0.25 -0.87	38.14 -0.18 -1.87	45.18 -0.13 -2.97	37.98 -0.22 -2.35	35.05 -0.31 -0.74	28.08 -0.35 -1.13	22.27 -0.19 -1.23
BABYLON_RES_REC 323704	30.40 2.23 0.00	28.52 1.77 0.00	27.00 1.72 0.00	25.67 1.55 0.00	26.62 1.67 0.00	29.56 1.80 0.00	35.01 2.62 0.00	40.41 2.73 -1.29	36.52 2.36 0.00	33.89 2.48 0.00	32.43 2.04 0.00	31.79 2.02 0.00	30.98 2.24 0.00	30.99 2.26 -0.81	32.62 2.54 -1.57	35.54 2.88 0.00	38.99 3.15 0.00	44.60 3.65 -4.75	50.29 3.57 -10.27	54.05 4.40 -7.30	53.37 3.58 -13.95	42.10 3.39 -4.10	36.43 2.89 -6.24	32.23 1.72 -9.28
BABYLON__69_KV_BK2 356345	30.80 2.62 0.00	28.68 1.93 0.00	27.20 1.92 0.00	25.81 1.69 0.00	26.80 1.85 0.00	29.84 2.08 0.00	35.30 2.91 0.00	40.62 2.95 -1.29	36.66 2.49 0.00	33.96 2.54 0.00	32.59 2.19 0.00	31.91 2.14 0.00	31.29 2.56 0.00	31.37 2.62 -0.82	32.67 2.57 -1.59	35.01 2.35 0.00	39.21 3.37 0.00	44.78 3.84 -4.75	50.80 4.08 -10.26	54.85 5.21 -7.30	54.05 4.26 -13.95	42.62 3.91 -4.10	36.84 3.30 -6.24	32.38 1.87 -9.27
BALL_HILL_WT_PWR 323825	25.87 -2.31 0.00	24.72 -2.03 0.00	23.23 -2.05 0.00	22.00 -2.12 0.00	22.83 -2.12 0.00	25.17 -2.58 0.00	29.08 -3.30 0.00	32.81 -3.67 -0.10	31.02 -3.14 0.01	28.84 -2.58 0.00	27.69 -2.71 0.00	27.44 -2.32 0.00	24.51 -2.93 1.29	24.44 -2.87 0.60	24.46 -2.94 1.12	24.53 -3.33 4.81	22.93 -3.58 9.32	32.61 -3.58 0.00	32.86 -3.61 -0.02	33.18 -4.15 5.02	32.84 -3.62 -0.62	31.28 -3.36 -0.02	24.65 -2.67 -0.02	20.87 -2.10 -1.74
BARON_WINDS___WT_PWR 323822	26.68 -1.49 0.00	25.39 -1.36 0.00	23.91 -1.37 0.00	22.68 -1.45 0.00	23.41 -1.55 0.00	25.89 -1.86 0.00	30.09 -2.30 0.00	33.76 -2.69 -0.07	31.71 -2.46 0.00	29.25 -2.17 0.00	28.12 -2.28 0.00	27.62 -2.14 0.00	24.86 -2.50 1.37	24.85 -2.40 0.67	24.91 -2.40 1.21	24.98 -2.64 5.05	23.06 -2.90 9.88	33.17 -2.86 0.17	33.31 -2.81 0.34	33.75 -3.05 5.54	33.35 -2.69 -0.20	31.95 -2.56 0.10	25.00 -2.10 0.20	21.85 -1.55 -2.17
BARRETT_IC_1 23704	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_10 23701	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_11 23702	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_12 23703	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_2 23705	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_3 23706	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_4 23707	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28

BARRETT_IC_5 23708	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_6 23709	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_7 23710	30.29 2.11 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.52 1.57 0.00	29.59 1.83 0.00	34.91 2.53 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.43 2.04 0.00	31.76 1.99 0.00	30.97 2.24 0.00	31.31 2.57 -0.82	32.67 2.57 -1.59	35.01 2.35 0.00	38.85 3.01 0.00	44.13 3.19 -4.75	49.74 3.03 -10.26	53.20 3.56 -7.30	52.69 2.90 -13.95	41.58 2.87 -4.09	36.08 2.54 -6.24	32.04 1.53 -9.27
BARRETT_IC_8 23711	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT_IC_9 23700	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT___1 23545	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BARRETT___2 23546	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.48 1.72 0.00	34.81 2.43 0.00	40.22 2.55 -1.29	36.46 2.29 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.76 1.99 0.00	30.89 2.16 0.00	31.02 2.29 -0.81	32.62 2.54 -1.57	35.50 2.84 0.00	38.81 2.97 0.00	44.16 3.22 -4.75	49.74 3.02 -10.27	53.20 3.56 -7.30	52.69 2.90 -13.95	41.62 2.91 -4.10	36.08 2.54 -6.24	32.08 1.57 -9.28
BATAVIA___115KV_TB1 55881	25.87 -2.31 0.00	24.80 -1.95 0.00	23.38 -1.90 0.00	22.19 -1.93 0.00	23.06 -1.90 0.00	25.51 -2.25 0.00	29.44 -2.95 0.00	32.98 -3.49 -0.09	31.12 -3.04 0.01	28.97 -2.45 0.00	27.84 -2.55 0.00	27.59 -2.17 0.00	24.79 -2.64 1.30	24.75 -2.57 0.60	24.79 -2.60 1.13	25.13 -2.68 4.86	23.83 -2.90 9.10	33.06 -3.15 -0.01	33.46 -3.03 -0.03	34.39 -3.05 4.90	33.50 -2.94 -0.60	31.75 -2.87 -0.01	24.97 -2.35 -0.02	21.40 -1.34 -1.50
BAYONEEC___CTG1 323682	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG10 323750	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG2 323683	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG3 323684	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG4 323685	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG5 323686	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG6 323687	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27

BAYONEEC___CTG7 323688	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG8 323689	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BAYONEEC___CTG9 323749	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	34.00 2.51 -0.07	32.81 2.40 -0.01	32.13 2.35 -0.01	31.21 2.44 -0.04	31.21 2.40 -0.89	32.64 2.48 -1.64	35.55 2.81 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
BEACON___LESR 323632	29.08 0.90 0.00	27.61 0.86 0.00	26.11 0.83 0.00	24.92 0.79 0.00	25.83 0.87 0.00	28.78 1.03 0.00	33.58 1.20 0.00	39.33 1.38 -1.56	35.50 1.33 0.00	32.55 1.13 0.00	31.49 1.09 0.00	30.78 1.01 0.00	29.85 1.12 0.00	30.00 1.09 -1.00	31.54 1.11 -1.92	34.04 1.37 0.00	37.31 1.47 0.00	43.36 1.41 -5.75	50.34 1.46 -12.43	52.82 1.65 -8.82	54.14 1.44 -16.87	40.91 1.35 -4.94	35.91 1.06 -7.55	33.26 0.81 -11.22
BEAVER RIVER___HYD 24048	28.15 -0.03 0.00	26.76 0.00 0.00	25.30 0.03 0.00	24.15 0.02 0.00	25.03 0.08 0.00	27.89 0.14 0.00	32.42 0.03 0.00	36.40 -0.04 -0.05	33.83 -0.34 0.00	30.75 -0.66 0.00	29.58 -0.82 0.00	28.90 -0.86 0.00	27.90 -0.83 0.00	27.08 -0.87 -0.03	27.75 -0.83 -0.06	31.79 -0.88 0.00	34.98 -0.86 0.00	35.66 -0.72 -0.19	36.43 -0.44 -0.42	42.30 -0.34 -0.30	36.05 -0.36 -0.57	34.33 -0.45 -0.17	27.17 -0.38 -0.25	21.23 -0.38 -0.38
BEEBEE_GT_13 23619	26.52 -1.66 0.00	25.31 -1.44 0.00	23.91 -1.36 0.00	22.75 -1.38 0.00	23.60 -1.35 0.00	26.14 -1.61 0.00	30.31 -2.07 0.00	34.29 -2.18 -0.09	31.97 -2.19 0.01	29.72 -1.70 0.00	28.67 -1.73 0.00	28.36 -1.40 0.00	25.47 -1.95 1.31	25.47 -1.84 0.60	25.48 -1.88 1.15	25.61 -2.12 4.93	23.88 -2.37 9.59	33.85 -2.35 -0.01	34.17 -2.30 -0.02	34.62 -2.54 5.18	34.23 -2.22 -0.62	32.38 -2.25 -0.01	25.47 -1.86 -0.03	21.57 -1.00 -1.33
BENSHRST_27_KV_BENSHRST_1 355998	30.61 2.42 -0.01	28.93 2.17 -0.01	27.31 2.02 -0.01	26.09 1.95 -0.01	26.98 2.02 -0.01	30.04 2.28 -0.01	35.27 2.88 -0.01	40.96 3.27 -1.30	37.24 3.08 0.00	34.20 2.70 -0.08	33.21 2.80 -0.02	32.52 2.74 -0.02	31.60 2.82 -0.04	31.46 2.62 -0.92	32.88 2.68 -1.68	35.79 3.04 -0.08	39.55 3.69 -0.02	44.52 3.58 -4.75	50.09 3.39 -10.25	53.53 3.90 -7.29	52.96 3.19 -13.94	41.88 3.18 -4.08	36.22 2.68 -6.25	32.40 1.89 -9.28
BETHLEHEM___GRP 23843	28.74 0.56 0.00	27.29 0.54 0.00	25.81 0.53 0.00	24.63 0.51 0.00	25.50 0.55 0.00	28.39 0.64 0.00	33.10 0.71 0.00	38.79 0.84 -1.57	34.99 0.82 0.00	32.14 0.72 0.00	31.10 0.70 0.00	30.39 0.63 0.00	29.48 0.75 0.00	29.65 0.73 -1.00	31.19 0.74 -1.93	33.55 0.88 0.00	36.77 0.93 0.00	42.82 0.87 -5.75	49.75 0.87 -12.43	52.20 1.02 -8.84	53.59 0.86 -16.90	40.36 0.80 -4.95	35.52 0.66 -7.57	32.96 0.49 -11.24
BETHLEHEM___GS1 323560	28.74 0.56 0.00	27.29 0.53 0.00	25.81 0.53 0.00	24.63 0.51 0.00	25.50 0.55 0.00	28.39 0.64 0.00	33.10 0.71 0.00	38.79 0.84 -1.57	34.99 0.82 0.00	32.14 0.72 0.00	31.10 0.70 0.00	30.39 0.63 0.00	29.48 0.75 0.00	29.64 0.72 -1.00	31.17 0.74 -1.92	33.55 0.88 0.00	36.77 0.93 0.00	42.82 0.87 -5.75	49.76 0.87 -12.43	52.19 1.01 -8.83	53.58 0.86 -16.88	40.36 0.80 -4.95	35.54 0.68 -7.56	33.00 0.53 -11.23
BETHLEHEM___GS2 323561	28.74 0.56 0.00	27.29 0.53 0.00	25.81 0.53 0.00	24.63 0.51 0.00	25.50 0.55 0.00	28.39 0.64 0.00	33.10 0.71 0.00	38.79 0.84 -1.57	34.99 0.82 0.00	32.14 0.72 0.00	31.10 0.70 0.00	30.39 0.63 0.00	29.48 0.75 0.00	29.64 0.72 -1.00	31.17 0.74 -1.92	33.55 0.88 0.00	36.77 0.93 0.00	42.82 0.87 -5.75	49.76 0.87 -12.43	52.19 1.01 -8.83	53.58 0.86 -16.88	40.36 0.80 -4.95	35.54 0.68 -7.56	33.00 0.53 -11.23
BETHLEHEM___GS3 323562	28.74 0.56 0.00	27.29 0.53 0.00	25.81 0.53 0.00	24.63 0.51 0.00	25.50 0.55 0.00	28.39 0.64 0.00	33.10 0.71 0.00	38.79 0.84 -1.57	34.99 0.82 0.00	32.14 0.72 0.00	31.10 0.70 0.00	30.39 0.63 0.00	29.48 0.75 0.00	29.64 0.72 -1.00	31.17 0.74 -1.92	33.55 0.88 0.00	36.77 0.93 0.00	42.82 0.87 -5.75	49.76 0.87 -12.43	52.19 1.01 -8.83	53.58 0.86 -16.88	40.36 0.80 -4.95	35.54 0.68 -7.56	33.00 0.53 -11.23
BETHLEHEM___STEEL 23779	25.47 -2.71 0.00	24.43 -2.33 0.00	22.98 -2.30 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.90 -2.86 0.00	28.72 -3.66 0.00	32.55 -3.93 -0.09	30.81 -3.35 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.36 -3.07 1.30	24.30 -3.02 0.60	24.34 -3.05 1.13	24.43 -3.40 4.84	22.73 -3.73 9.38	32.39 -3.80 0.01	32.65 -3.79 0.01	32.87 -4.40 5.07	32.48 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	21.03 -1.89 -1.69
BETHLHEM_115KV_TB1 79974	28.80 0.62 0.00	27.32 0.56 0.00	25.83 0.56 0.00	24.65 0.53 0.00	25.53 0.57 0.00	28.42 0.67 0.00	33.16 0.78 0.00	38.82 0.87 -1.56	35.06 0.89 0.00	32.17 0.75 0.00	31.13 0.73 0.00	30.45 0.68 0.00	29.54 0.80 0.00	29.68 0.75 -1.00	31.21 0.77 -1.93	33.58 0.91 0.00	36.84 1.00 0.00	42.89 0.94 -5.75	49.82 0.95 -12.42	52.28 1.10 -8.83	53.66 0.93 -16.89	40.43 0.87 -4.95	35.57 0.71 -7.56	33.00 0.53 -11.24
BETHPAGE_CC_5 323564	30.40 2.23 0.00	28.55 1.79 0.00	27.00 1.72 0.00	25.67 1.55 0.00	26.65 1.70 0.00	29.61 1.86 0.00	34.98 2.59 0.00	40.41 2.73 -1.29	36.56 2.39 0.00	33.93 2.51 0.00	32.49 2.10 0.00	31.85 2.08 0.00	31.00 2.27 0.00	31.08 2.35 -0.81	32.71 2.62 -1.57	35.60 2.94 0.00	38.95 3.12 0.00	44.42 3.48 -4.75	50.07 3.35 -10.27	53.67 4.02 -7.30	53.08 3.30 -13.95	41.86 3.15 -4.10	36.27 2.73 -6.24	32.19 1.68 -9.28
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.50 -2.68 0.00	24.45 -2.30 0.00	23.00 -2.27 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.92 -2.83 0.00	28.76 -3.63 0.00	32.55 -3.93 -0.09	30.81 -3.35 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.39 -3.05 1.30	24.30 -3.02 0.60	24.37 -3.02 1.13	24.43 -3.40 4.84	22.77 -3.69 9.38	32.39 -3.80 0.01	32.65 -3.79 0.01	32.83 -4.45 5.07	32.48 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	21.01 -1.93 -1.71

BINGHAMTON___COGEN 23790	27.87 -0.31 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.83 -0.29 0.00	24.68 -0.27 0.00	27.45 -0.31 0.00	32.06 -0.32 0.00	36.34 -0.40 -0.36	33.90 -0.27 0.00	31.20 -0.22 0.00	30.12 -0.27 0.00	29.56 -0.21 0.00	28.06 -0.34 0.33	27.64 -0.34 -0.05	28.33 -0.31 -0.13	31.09 -0.36 1.22	33.12 -0.32 2.39	37.07 -0.33 -1.20	38.76 -0.29 -2.60	42.61 -0.30 -0.57	39.21 -0.32 -3.69	35.31 -0.35 -1.05	28.53 -0.35 -1.58	24.03 -0.21 -3.01
BIXINCNT_115KV_LOAD 355685	25.42 -2.76 0.00	24.35 -2.41 0.00	22.88 -2.40 0.00	21.62 -2.51 0.00	22.36 -2.60 0.00	24.67 -3.08 0.00	28.37 -4.02 0.00	31.96 -4.51 -0.09	30.23 -3.93 0.01	28.05 -3.36 0.00	26.99 -3.40 0.00	26.73 -3.04 0.00	23.84 -3.59 1.31	23.82 -3.49 0.61	23.88 -3.51 1.13	23.85 -3.95 4.86	21.92 -4.48 9.44	31.61 -4.56 0.02	31.79 -4.63 0.03	31.68 -5.55 5.12	31.67 -4.73 -0.56	30.22 -4.40 0.00	23.85 -3.44 0.01	20.51 -2.53 -1.80
BLACK RIVER___HYD 24047	28.15 -0.03 0.00	26.81 0.05 0.00	25.35 0.08 0.00	24.17 0.05 0.00	25.10 0.15 0.00	28.03 0.28 0.00	32.71 0.32 0.00	36.82 0.36 -0.07	34.13 -0.03 0.00	30.98 -0.44 0.00	29.79 -0.61 0.00	29.14 -0.63 0.00	28.10 -0.63 0.00	27.32 -0.64 -0.04	28.00 -0.60 -0.09	32.08 -0.59 0.00	35.30 -0.54 0.00	36.13 -0.33 -0.26	37.12 0.11 -0.56	43.12 0.38 -0.40	36.81 0.22 -0.76	34.87 0.03 -0.22	27.58 -0.05 -0.34	21.59 -0.15 -0.50
BLACKRVR_115KV_TB2 79977	28.15 -0.03 0.00	26.81 0.05 0.00	25.35 0.08 0.00	24.17 0.05 0.00	25.10 0.15 0.00	28.03 0.28 0.00	32.71 0.32 0.00	36.82 0.36 -0.07	34.13 -0.03 0.00	30.98 -0.44 0.00	29.79 -0.61 0.00	29.14 -0.63 0.00	28.10 -0.63 0.00	27.32 -0.64 -0.05	28.00 -0.60 -0.09	32.08 -0.59 0.00	35.30 -0.54 0.00	36.13 -0.33 -0.26	37.12 0.11 -0.56	43.08 0.34 -0.40	36.81 0.22 -0.76	34.87 0.03 -0.22	27.58 -0.05 -0.34	21.61 -0.13 -0.50
BLISS_WT_PWR 323608	25.36 -2.82 0.00	24.27 -2.49 0.00	22.77 -2.50 0.00	21.50 -2.63 0.00	22.21 -2.74 0.00	24.51 -3.25 0.00	28.17 -4.21 0.00	31.71 -4.76 -0.09	29.99 -4.17 0.01	27.83 -3.58 0.00	26.78 -3.62 0.00	26.49 -3.27 0.00	23.64 -3.79 1.31	23.68 -3.63 0.61	23.70 -3.68 1.14	23.63 -4.18 4.86	21.68 -4.73 9.43	31.36 -4.81 0.02	31.43 -4.99 0.03	31.35 -5.88 5.10	31.38 -5.02 -0.56	29.98 -4.64 -0.01	23.66 -3.63 0.01	20.04 -2.99 -1.80
BLUESTONE___WT_PWR 323821	29.22 1.04 0.00	27.83 1.07 0.00	26.29 1.01 0.00	25.04 0.92 0.00	26.00 1.05 0.00	28.97 1.22 0.00	34.00 1.62 0.00	38.71 1.82 -0.50	35.74 1.57 0.00	32.70 1.29 0.00	31.49 1.09 0.00	30.87 1.10 0.00	29.92 0.89 -0.29	29.25 0.87 -0.47	30.34 0.94 -0.89	34.87 1.14 -1.06	39.36 1.44 -2.09	39.66 1.52 -1.95	42.33 1.68 -4.20	48.43 1.99 -4.10	42.90 1.50 -5.56	37.63 1.35 -1.66	30.78 0.93 -2.55	25.11 0.66 -3.22
BLUE_CIRC_CHEM_DRP 24182	28.97 0.79 0.00	27.50 0.75 0.00	26.01 0.73 0.00	24.85 0.72 0.00	25.73 0.77 0.00	28.61 0.86 0.00	33.39 1.00 0.00	38.98 1.06 -1.54	35.19 1.03 0.00	32.23 0.82 0.00	31.19 0.79 0.00	30.48 0.71 0.00	29.54 0.80 0.00	29.60 0.70 -0.98	31.14 0.74 -1.89	33.65 0.98 0.00	36.95 1.11 0.00	42.83 1.01 -5.62	49.66 1.06 -12.15	52.30 1.31 -8.64	53.47 1.11 -16.52	40.53 1.07 -4.84	35.57 0.87 -7.40	32.86 0.64 -10.99
BOC_GAS_DRP 24189	28.88 0.70 0.00	27.40 0.64 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.60 0.65 0.00	28.48 0.72 0.00	33.26 0.87 0.00	38.96 1.02 -1.56	35.16 0.99 0.00	32.30 0.88 0.00	31.25 0.85 0.00	30.57 0.80 0.00	29.63 0.89 0.00	29.78 0.87 -1.00	31.32 0.88 -1.92	33.68 1.01 0.00	36.98 1.15 0.00	43.05 1.12 -5.73	49.96 1.13 -12.38	52.42 1.27 -8.80	53.74 1.08 -16.83	40.59 1.04 -4.93	35.65 0.82 -7.54	33.03 0.59 -11.20
BOONVILLE_115KV_TB1 79983	28.54 0.37 0.00	27.13 0.37 0.00	25.66 0.38 0.00	24.46 0.34 0.00	25.38 0.42 0.00	28.25 0.50 0.00	32.93 0.55 0.00	37.01 0.58 -0.05	34.58 0.41 0.00	31.57 0.16 0.00	30.43 0.03 0.00	29.79 0.03 0.00	28.74 0.00 0.00	27.95 0.00 -0.03	28.63 0.06 -0.06	32.76 0.10 0.00	36.09 0.25 0.00	36.66 0.29 -0.17	37.29 0.47 -0.37	43.20 0.59 -0.26	36.77 0.43 -0.50	35.11 0.35 -0.15	27.74 0.22 -0.22	21.67 0.11 -0.33
BORALEX_4TH_BRANCH 23824	29.61 1.44 0.00	28.04 1.28 0.00	26.52 1.24 0.00	25.31 1.18 0.00	26.27 1.32 0.00	29.28 1.53 0.00	34.26 1.88 0.00	40.16 2.22 -1.56	36.15 1.98 0.00	33.14 1.73 0.00	32.04 1.64 0.00	31.31 1.55 0.00	30.32 1.58 0.00	30.45 1.54 -1.00	32.01 1.57 -1.92	34.53 1.86 0.00	37.99 2.15 0.00	44.06 2.14 -5.73	51.09 2.26 -12.38	53.83 2.67 -8.82	54.92 2.22 -16.86	41.67 2.11 -4.94	36.49 1.64 -7.55	33.64 1.19 -11.22
BOWLINE___1 23526	29.64 1.46 0.00	28.09 1.34 0.00	26.51 1.24 0.00	25.33 1.21 0.00	26.20 1.25 0.00	29.17 1.41 0.00	34.20 1.81 0.00	39.69 2.07 -1.24	36.08 1.91 0.00	33.21 1.79 0.00	32.16 1.76 0.00	31.46 1.70 0.00	30.55 1.81 0.00	30.49 1.79 -0.78	31.85 1.83 -1.50	34.73 2.06 0.00	38.17 2.33 0.00	43.13 2.39 -4.55	48.61 2.33 -9.82	52.04 2.71 -6.98	51.45 2.26 -13.35	40.67 2.15 -3.91	34.94 1.67 -5.98	31.33 1.21 -8.88
BOWLINE___2 23595	29.64 1.46 0.00	28.09 1.34 0.00	26.51 1.24 0.00	25.33 1.21 0.00	26.20 1.25 0.00	29.17 1.41 0.00	34.16 1.78 0.00	39.69 2.07 -1.24	36.08 1.91 0.00	33.21 1.79 0.00	32.16 1.76 0.00	31.46 1.70 0.00	30.55 1.81 0.00	30.46 1.76 -0.78	31.85 1.83 -1.50	34.73 2.06 0.00	38.17 2.33 0.00	43.13 2.39 -4.55	48.61 2.33 -9.82	52.04 2.71 -6.98	51.45 2.26 -13.35	40.67 2.15 -3.91	34.94 1.67 -5.98	31.33 1.21 -8.88
BRADY___115KV_TB2 356060	28.46 0.28 0.00	27.05 0.29 0.00	25.58 0.30 0.00	24.41 0.29 0.00	25.23 0.27 0.00	28.03 0.28 0.00	32.61 0.23 0.00	36.46 0.07 0.00	33.90 -0.27 0.00	31.04 -0.38 0.00	30.03 -0.36 0.00	29.35 -0.42 0.00	28.30 -0.43 0.00	27.41 -0.50 0.00	28.00 -0.51 0.00	32.14 -0.52 0.00	35.12 -0.72 0.00	35.44 -0.76 0.00	35.79 -0.66 0.00	41.54 -0.80 0.00	35.41 -0.43 0.00	34.23 -0.38 0.00	27.11 -0.19 0.00	21.06 -0.17 0.00
BRANSCOMB___SOLAR 323811	29.47 1.30 0.00	27.96 1.21 0.00	26.46 1.19 0.00	25.26 1.13 0.00	26.30 1.35 0.00	29.31 1.55 0.00	34.26 1.88 0.00	40.23 2.26 -1.59	36.18 2.02 0.00	33.05 1.63 0.00	31.92 1.52 0.00	31.07 1.31 0.00	30.09 1.35 0.00	30.33 1.40 -1.02	31.96 1.48 -1.96	34.23 1.57 0.00	37.66 1.83 0.00	43.67 1.59 -5.88	50.84 1.68 -12.71	53.36 1.99 -9.03	54.82 1.72 -17.26	41.27 1.59 -5.06	36.28 1.26 -7.73	33.85 1.12 -11.49
BRENTWOD_69_KV_W. BRTWOOD 56703	30.74 2.56 0.00	28.57 1.82 0.00	27.12 1.85 0.00	25.76 1.64 0.00	26.70 1.75 0.00	29.75 2.00 0.00	35.23 2.85 0.00	40.48 2.80 -1.29	36.53 2.36 0.00	33.83 2.42 0.00	32.46 2.07 0.00	31.76 1.99 0.00	31.17 2.44 0.00	31.23 2.48 -0.82	32.56 2.45 -1.59	34.85 2.19 0.00	39.06 3.23 0.00	44.67 3.73 -4.75	50.69 3.97 -10.26	54.77 5.12 -7.30	53.94 4.16 -13.95	42.52 3.81 -4.09	36.76 3.22 -6.24	32.31 1.80 -9.27

BRISTLHL_115KV_TB1 79998	27.44 -0.73 0.00	26.09 -0.67 0.00	24.64 -0.63 0.00	23.50 -0.63 0.00	24.33 -0.62 0.00	27.09 -0.67 0.00	31.64 -0.74 0.00	35.65 -0.84 -0.10	33.49 -0.68 0.00	30.79 -0.63 0.00	29.79 -0.61 0.00	29.17 -0.60 0.00	28.10 -0.63 0.00	27.40 -0.59 -0.07	28.07 -0.57 -0.13	32.01 -0.65 0.00	35.16 -0.68 0.00	35.89 -0.69 -0.38	36.62 -0.66 -0.82	42.25 -0.68 -0.58	36.27 -0.68 -1.12	34.25 -0.69 -0.33	27.20 -0.60 -0.50	21.55 -0.42 -0.74
BROOKHAVEN___DRP 24191	30.60 2.42 0.00	28.12 1.36 0.00	26.87 1.59 0.00	25.50 1.38 0.00	26.32 1.37 0.00	29.20 1.44 0.00	34.39 2.01 0.00	39.60 1.93 -1.29	35.47 1.30 0.00	32.73 1.32 0.00	31.58 1.19 0.00	30.92 1.16 0.00	30.77 2.04 0.00	30.16 1.42 -0.82	31.36 1.25 -1.59	33.35 0.69 0.00	38.17 2.33 0.00	43.98 3.04 -4.75	50.80 4.08 -10.26	55.57 5.93 -7.30	54.59 4.80 -13.95	42.83 4.12 -4.09	37.03 3.49 -6.24	32.10 1.59 -9.27
BROOKLYN_NAVY_YARD 23515	30.29 2.11 0.00	28.66 1.90 0.00	27.05 1.77 0.00	25.84 1.71 0.00	26.72 1.77 0.00	29.75 2.00 0.00	34.94 2.56 0.00	40.59 2.91 -1.29	36.97 2.80 0.00	34.12 2.64 -0.07	32.93 2.52 -0.01	32.22 2.44 -0.01	31.30 2.53 -0.04	31.29 2.48 -0.89	32.73 2.57 -1.64	35.64 2.91 -0.07	39.08 3.23 -0.01	44.20 3.26 -4.75	49.87 3.17 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.61 2.91 -4.09	35.86 2.32 -6.24	32.21 1.70 -9.27
BROOKLYN___ARMY_DRP 323595	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
BROOKVLE_69_KV_TB1 55790	30.40 2.23 0.00	28.60 1.85 0.00	27.02 1.74 0.00	25.74 1.62 0.00	26.67 1.72 0.00	29.75 2.00 0.00	35.04 2.66 0.00	40.51 2.84 -1.29	36.77 2.60 0.00	34.02 2.61 0.00	32.74 2.34 0.00	32.05 2.29 0.00	31.23 2.50 0.00	31.42 2.68 -0.82	32.78 2.68 -1.59	35.37 2.71 0.00	39.13 3.30 0.00	44.42 3.47 -4.75	50.11 3.39 -10.27	53.54 3.90 -7.31	52.98 3.19 -13.95	41.83 3.12 -4.10	36.13 2.59 -6.24	32.16 1.66 -9.27
BROOME_2_LFGE 323671	27.90 -0.28 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.84 -0.29 0.00	24.68 -0.27 0.00	27.45 -0.30 0.00	32.06 -0.32 0.00	36.34 -0.40 -0.36	33.89 -0.27 0.00	31.23 -0.19 0.00	30.12 -0.27 0.00	29.56 -0.21 0.00	28.06 -0.34 0.33	27.63 -0.33 -0.05	28.32 -0.31 -0.12	31.12 -0.33 1.22	33.12 -0.32 2.39	37.10 -0.29 -1.20	38.76 -0.29 -2.60	42.61 -0.29 -0.57	39.21 -0.32 -3.69	35.31 -0.35 -1.05	28.53 -0.36 -1.58	23.97 -0.28 -3.01
BROOME___LFGE 323600	27.90 -0.28 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.84 -0.29 0.00	24.68 -0.27 0.00	27.45 -0.30 0.00	32.06 -0.32 0.00	36.34 -0.40 -0.36	33.89 -0.27 0.00	31.23 -0.19 0.00	30.12 -0.27 0.00	29.56 -0.21 0.00	28.06 -0.34 0.33	27.63 -0.33 -0.05	28.32 -0.31 -0.12	31.12 -0.33 1.22	33.12 -0.32 2.39	37.10 -0.29 -1.20	38.76 -0.29 -2.60	42.61 -0.29 -0.57	39.21 -0.32 -3.69	35.31 -0.35 -1.05	28.53 -0.36 -1.58	23.97 -0.28 -3.01
BROWNFLS_115KV_TB_3_5 80003	27.92 -0.25 0.00	26.54 -0.21 0.00	25.10 -0.18 0.00	23.96 -0.17 0.00	24.80 -0.15 0.00	27.59 -0.17 0.00	32.00 -0.39 0.00	35.88 -0.55 -0.04	33.35 -0.82 0.00	30.41 -1.01 0.00	29.30 -1.09 0.00	28.66 -1.10 0.00	27.64 -1.09 0.00	26.83 -1.12 -0.02	27.42 -1.14 -0.05	31.43 -1.24 0.00	34.48 -1.36 0.00	35.00 -1.34 -0.14	35.63 -1.13 -0.31	41.33 -1.23 -0.22	35.29 -0.97 -0.42	33.73 -1.00 -0.12	26.72 -0.76 -0.19	20.85 -0.66 -0.28
BROWNSV1_27_KV_LOAD 356125	30.43 2.25 0.00	28.76 2.01 0.00	27.15 1.87 0.00	25.93 1.81 0.00	26.82 1.87 0.00	29.86 2.11 0.00	35.07 2.69 0.00	40.73 3.06 -1.29	37.07 2.90 0.00	34.25 2.76 -0.07	33.06 2.64 -0.01	32.34 2.56 -0.01	31.44 2.67 -0.04	31.44 2.62 -0.90	32.86 2.68 -1.66	35.74 3.01 -0.07	39.26 3.40 -0.01	44.38 3.44 -4.75	50.06 3.35 -10.25	53.53 3.90 -7.29	52.96 3.19 -13.93	41.75 3.05 -4.08	35.99 2.46 -6.24	32.23 1.72 -9.27
BURROWS___LYONSDAL 23803	28.46 0.28 0.00	27.05 0.29 0.00	25.58 0.30 0.00	24.39 0.27 0.00	25.30 0.35 0.00	28.17 0.42 0.00	32.80 0.42 0.00	36.83 0.40 -0.05	34.37 0.21 0.00	31.35 -0.06 0.00	30.18 -0.21 0.00	29.56 -0.21 0.00	28.51 -0.23 0.00	27.70 -0.25 -0.03	28.38 -0.20 -0.06	32.50 -0.16 0.00	35.77 -0.07 0.00	36.41 0.04 -0.17	37.05 0.22 -0.38	42.95 0.34 -0.27	36.57 0.22 -0.51	34.87 0.10 -0.15	27.58 0.05 -0.23	21.55 -0.02 -0.34
CAITHNESS_CC_1 323624	30.18 2.00 0.00	28.12 1.36 0.00	26.87 1.59 0.00	25.50 1.37 0.00	26.35 1.40 0.00	28.72 0.97 0.00	34.33 1.94 0.00	39.60 1.93 -1.29	35.50 1.33 0.00	32.76 1.35 0.00	31.34 0.94 0.00	30.98 1.22 0.00	30.66 1.93 0.00	29.90 1.17 -0.81	31.28 1.20 -1.57	33.97 1.31 0.00	38.20 2.36 0.00	44.71 3.76 -4.75	50.76 4.05 -10.27	55.53 5.88 -7.30	54.52 4.73 -13.95	42.79 4.08 -4.10	36.98 3.44 -6.24	32.14 1.64 -9.28
CALPINE BETH_PAGE_GT4 24209	30.49 2.31 0.00	28.55 1.79 0.00	27.02 1.74 0.00	25.67 1.54 0.00	26.65 1.70 0.00	29.72 1.97 0.00	35.01 2.62 0.00	40.33 2.66 -1.29	36.49 2.32 0.00	33.89 2.48 0.00	32.49 2.10 0.00	31.79 2.02 0.00	31.06 2.33 0.00	31.34 2.60 -0.82	32.70 2.60 -1.59	35.08 2.42 0.00	38.81 2.97 0.00	44.24 3.29 -4.75	49.89 3.17 -10.27	53.46 3.81 -7.30	52.90 3.12 -13.95	41.72 3.01 -4.10	36.19 2.65 -6.24	32.08 1.57 -9.27
CALPINE_BETH_PAGE_GT_4 323586	30.40 2.23 0.00	28.55 1.79 0.00	27.02 1.74 0.00	25.67 1.55 0.00	26.65 1.70 0.00	29.61 1.86 0.00	34.94 2.56 0.00	40.33 2.65 -1.29	36.49 2.32 0.00	33.86 2.45 0.00	32.43 2.04 0.00	31.79 2.02 0.00	30.98 2.24 0.00	31.05 2.32 -0.81	32.65 2.57 -1.57	35.54 2.88 0.00	38.81 2.97 0.00	44.27 3.33 -4.75	49.89 3.17 -10.27	53.50 3.85 -7.30	52.90 3.12 -13.95	41.72 3.01 -4.10	36.19 2.65 -6.24	32.14 1.64 -9.28
CALPINE_BP_GT1 23823	30.40 2.23 0.00	28.55 1.79 0.00	27.02 1.74 0.00	25.67 1.55 0.00	26.65 1.70 0.00	29.61 1.86 0.00	34.94 2.56 0.00	40.33 2.65 -1.29	36.49 2.32 0.00	33.86 2.45 0.00	32.43 2.04 0.00	31.79 2.02 0.00	30.98 2.24 0.00	31.05 2.32 -0.81	32.65 2.57 -1.57	35.54 2.88 0.00	38.81 2.97 0.00	44.27 3.33 -4.75	49.89 3.17 -10.27	53.50 3.85 -7.30	52.90 3.12 -13.95	41.72 3.01 -4.10	36.19 2.65 -6.24	32.14 1.64 -9.28
CALSPAN___DRP 24200	25.47 -2.71 0.00	24.43 -2.33 0.00	22.98 -2.30 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.90 -2.86 0.00	28.72 -3.66 0.00	32.55 -3.93 -0.09	30.81 -3.35 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.36 -3.07 1.30	24.30 -3.02 0.60	24.34 -3.05 1.13	24.43 -3.40 4.84	22.73 -3.73 9.38	32.39 -3.80 0.01	32.65 -3.79 0.01	32.87 -4.40 5.07	32.48 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	21.03 -1.89 -1.69

CALVERTON___SOLAR 323806	30.15 1.97 0.00	28.12 1.36 0.00	26.90 1.62 0.00	25.50 1.37 0.00	26.35 1.40 0.00	28.70 0.94 0.00	34.29 1.91 0.00	39.57 1.89 -1.29	35.47 1.30 0.00	32.70 1.29 0.00	31.25 0.85 0.00	30.92 1.16 0.00	30.66 1.93 0.00	29.82 1.09 -0.81	31.19 1.11 -1.57	33.84 1.17 0.00	38.13 2.30 0.00	44.71 3.76 -4.75	50.80 4.08 -10.27	55.65 6.01 -7.30	54.62 4.84 -13.95	42.86 4.15 -4.10	37.03 3.50 -6.24	32.17 1.66 -9.28
CANDIGU_WT_PWR 323617	26.68 -1.49 0.00	25.39 -1.36 0.00	23.91 -1.37 0.00	22.68 -1.45 0.00	23.41 -1.55 0.00	25.89 -1.86 0.00	30.09 -2.30 0.00	33.76 -2.69 -0.07	31.71 -2.46 0.00	29.25 -2.17 0.00	28.12 -2.28 0.00	27.62 -2.14 0.00	24.86 -2.50 1.37	24.85 -2.40 0.67	24.91 -2.40 1.21	24.98 -2.64 5.05	23.06 -2.90 9.88	33.17 -2.86 0.17	33.31 -2.81 0.34	33.75 -3.05 5.54	33.35 -2.69 -0.20	31.95 -2.56 0.10	25.00 -2.10 0.20	21.85 -1.55 -2.17
CARR STREET_E_SYR 24060	27.64 -0.54 0.00	26.25 -0.51 0.00	24.80 -0.48 0.00	23.66 -0.46 0.00	24.50 -0.45 0.00	27.26 -0.50 0.00	31.83 -0.55 0.00	35.92 -0.58 -0.12	33.72 -0.45 0.00	31.07 -0.34 0.00	30.03 -0.36 0.00	29.44 -0.33 0.00	28.36 -0.37 0.00	27.66 -0.33 -0.08	28.32 -0.34 -0.14	32.28 -0.39 0.00	35.44 -0.39 0.00	36.23 -0.40 -0.44	37.03 -0.36 -0.94	42.63 -0.38 -0.67	36.69 -0.43 -1.28	34.54 -0.45 -0.38	27.46 -0.41 -0.57	21.79 -0.30 -0.85
CARTHAGE___PAPER 23857	28.12 -0.06 0.00	26.76 0.00 0.00	25.30 0.03 0.00	24.15 0.02 0.00	25.05 0.10 0.00	27.92 0.17 0.00	32.55 0.16 0.00	36.56 0.11 -0.06	33.89 -0.27 0.00	30.79 -0.63 0.00	29.58 -0.82 0.00	28.93 -0.83 0.00	27.90 -0.83 0.00	27.12 -0.84 -0.04	27.77 -0.83 -0.08	31.82 -0.85 0.00	35.02 -0.82 0.00	35.81 -0.62 -0.23	36.74 -0.22 -0.50	42.62 -0.08 -0.36	36.41 -0.11 -0.68	34.57 -0.24 -0.20	27.36 -0.25 -0.31	21.39 -0.30 -0.45
CASSADAGA_WT_PWR 323784	25.81 -2.37 0.00	24.61 -2.14 0.00	23.03 -2.25 0.00	21.76 -2.36 0.00	22.53 -2.42 0.00	24.78 -2.97 0.00	28.56 -3.82 0.00	32.15 -4.33 -0.09	30.40 -3.76 0.01	28.21 -3.20 0.00	27.11 -3.28 0.00	26.91 -2.86 0.00	23.95 -3.48 1.30	23.93 -3.38 0.61	23.87 -3.51 1.14	23.86 -3.95 4.85	22.12 -4.30 9.42	31.87 -4.31 0.02	32.20 -4.23 0.03	32.33 -4.91 5.10	32.14 -4.27 -0.57	30.81 -3.81 -0.01	24.29 -3.00 0.00	20.53 -2.48 -1.78
CE_DUNWOOD___DRP 24194	29.98 1.80 0.00	28.36 1.61 0.00	26.77 1.49 0.00	25.57 1.45 0.00	26.45 1.50 0.00	29.45 1.69 0.00	34.52 2.14 0.00	40.15 2.47 -1.29	36.49 2.32 0.00	33.59 2.17 0.00	32.50 2.10 0.00	31.79 2.02 0.00	30.89 2.16 0.00	30.87 2.12 -0.83	32.25 2.14 -1.59	35.09 2.42 0.00	38.60 2.76 0.00	43.75 2.82 -4.74	49.42 2.73 -10.23	52.79 3.18 -7.28	52.36 2.62 -13.91	41.22 2.53 -4.08	35.49 1.97 -6.23	31.87 1.38 -9.25
CE_MILLWOOD___DRP 24193	29.90 1.72 0.00	28.28 1.53 0.00	26.72 1.44 0.00	25.50 1.38 0.00	26.40 1.45 0.00	29.39 1.64 0.00	34.46 2.07 0.00	40.04 2.36 -1.29	36.39 2.22 0.00	33.49 2.07 0.00	32.40 2.01 0.00	31.70 1.93 0.00	30.81 2.07 0.00	30.78 2.04 -0.83	32.16 2.05 -1.59	34.99 2.32 0.00	38.49 2.65 0.00	43.64 2.71 -4.73	49.33 2.66 -10.21	52.65 3.05 -7.26	52.23 2.51 -13.88	41.11 2.42 -4.07	35.42 1.91 -6.22	31.79 1.32 -9.24
CE_NYC2_DRP 24202	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.92 1.79 -0.01	26.81 1.85 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.67 2.98 -1.30	36.97 2.80 0.00	34.04 2.54 -0.08	32.97 2.55 -0.02	32.25 2.47 -0.02	31.34 2.56 -0.04	31.32 2.48 -0.92	32.71 2.51 -1.68	35.56 2.81 -0.08	39.15 3.30 -0.02	44.20 3.26 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.64 2.87 -13.94	41.61 2.91 -4.08	35.92 2.37 -6.25	32.21 1.70 -9.28
CE_NYC_DRP 24195	30.26 2.09 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.72 1.97 0.00	34.88 2.49 0.00	40.51 2.84 -1.29	36.87 2.70 0.00	34.03 2.54 -0.06	32.84 2.43 -0.01	32.16 2.38 -0.01	31.27 2.50 -0.03	31.27 2.46 -0.90	32.69 2.51 -1.66	35.54 2.81 -0.06	39.00 3.15 -0.01	44.16 3.22 -4.75	49.84 3.13 -10.25	53.23 3.60 -7.29	52.71 2.94 -13.93	41.54 2.84 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
CHAFFEE___LFGE 323603	25.73 -2.45 0.00	24.59 -2.17 0.00	23.13 -2.15 0.00	21.93 -2.20 0.00	22.73 -2.22 0.00	25.14 -2.61 0.00	29.15 -3.24 0.00	32.69 -3.78 -0.09	30.92 -3.25 0.01	28.68 -2.73 0.00	27.54 -2.86 0.00	27.23 -2.53 0.00	24.41 -3.02 1.31	24.29 -3.02 0.62	24.27 -3.11 1.14	24.26 -3.53 4.88	22.63 -3.73 9.48	32.40 -3.77 0.03	32.61 -3.79 0.05	32.54 -4.66 5.15	32.54 -3.83 -0.54	30.98 -3.63 0.00	24.38 -2.89 0.02	20.61 -2.51 -1.88
CHATEAUG_35_KV_LOAD 355732	28.60 0.42 0.00	27.18 0.43 0.00	25.71 0.43 0.00	24.51 0.39 0.00	25.30 0.35 0.00	28.06 0.31 0.00	32.58 0.19 0.00	36.42 0.04 0.00	34.00 -0.17 0.00	31.26 -0.16 0.00	30.31 -0.09 0.00	29.59 -0.18 0.00	28.48 -0.26 0.00	27.55 -0.36 0.00	28.03 -0.48 0.00	32.05 -0.62 0.00	34.91 -0.93 0.00	35.07 -1.12 0.00	35.21 -1.24 0.00	40.82 -1.52 0.00	34.83 -1.00 0.00	33.89 -0.73 0.00	26.89 -0.41 0.00	20.77 -0.47 0.00
CHATEAUG_WT_PWR 323614	28.54 0.37 0.00	27.13 0.37 0.00	25.66 0.38 0.00	24.49 0.36 0.00	25.28 0.32 0.00	28.03 0.28 0.00	32.61 0.23 0.00	36.46 0.07 0.00	34.07 -0.10 0.00	31.32 -0.09 0.00	30.37 -0.03 0.00	29.65 -0.12 0.00	28.56 -0.17 0.00	27.61 -0.31 0.00	28.12 -0.40 0.00	32.18 -0.49 0.00	34.98 -0.86 0.00	35.11 -1.08 0.00	35.25 -1.20 0.00	40.82 -1.52 0.00	34.87 -0.97 0.00	33.92 -0.69 0.00	26.92 -0.38 0.00	20.75 -0.49 0.00
CHAT_HIGH_FALL_HYD 323578	28.60 0.42 0.00	27.18 0.43 0.00	25.71 0.43 0.00	24.51 0.39 0.00	25.30 0.35 0.00	28.06 0.31 0.00	32.58 0.19 0.00	36.42 0.04 0.00	34.00 -0.17 0.00	31.26 -0.16 0.00	30.31 -0.09 0.00	29.59 -0.18 0.00	28.48 -0.26 0.00	27.55 -0.36 0.00	28.03 -0.48 0.00	32.05 -0.62 0.00	34.91 -0.93 0.00	35.07 -1.12 0.00	35.21 -1.24 0.00	40.82 -1.52 0.00	34.83 -1.00 0.00	33.89 -0.73 0.00	26.89 -0.41 0.00	20.77 -0.47 0.00
CHAUTAUQUA___LFGE 323629	25.92 -2.26 0.00	24.75 -2.01 0.00	23.23 -2.05 0.00	22.00 -2.12 0.00	22.81 -2.15 0.00	25.14 -2.61 0.00	29.05 -3.33 0.00	32.73 -3.75 -0.09	30.95 -3.21 0.01	28.78 -2.64 0.00	27.63 -2.77 0.00	27.38 -2.38 0.00	24.42 -3.02 1.30	24.38 -2.93 0.60	24.37 -3.02 1.13	24.41 -3.43 4.83	22.79 -3.69 9.36	32.54 -3.65 0.01	32.81 -3.64 0.00	33.06 -4.23 5.05	32.75 -3.69 -0.60	31.27 -3.36 -0.01	24.64 -2.67 -0.01	20.86 -2.12 -1.75
CHERRYST_13_KV_LD 356241	30.35 2.17 0.00	28.68 1.93 0.00	27.07 1.79 0.00	25.86 1.74 0.00	26.75 1.80 0.00	29.78 2.03 0.00	34.97 2.59 0.00	40.62 2.95 -1.29	36.97 2.80 0.00	34.15 2.67 -0.07	32.96 2.55 -0.01	32.25 2.47 -0.01	31.36 2.59 -0.03	31.36 2.54 -0.90	32.77 2.60 -1.66	35.64 2.91 -0.07	39.15 3.30 -0.01	44.27 3.33 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.82 3.05 -13.93	41.64 2.94 -4.08	35.89 2.35 -6.24	32.16 1.66 -9.27

CHESTROR_138KV_BK263 355645	29.42 1.24 0.00	27.88 1.12 0.00	26.31 1.04 0.00	25.14 1.01 0.00	26.00 1.05 0.00	28.98 1.22 0.00	33.91 1.52 0.00	39.28 1.71 -1.19	35.77 1.61 0.00	32.89 1.48 0.00	31.86 1.46 0.00	31.16 1.40 0.00	30.23 1.49 0.00	30.16 1.48 -0.76	31.49 1.51 -1.46	34.37 1.70 0.00	37.81 1.97 0.00	42.58 2.03 -4.35	47.83 1.97 -9.41	51.36 2.33 -6.69	50.56 1.94 -12.79	40.20 1.83 -3.75	34.44 1.42 -5.73	30.72 0.98 -8.51
CH_MIDHUDSON___DRP 24192	29.73 1.55 0.00	28.17 1.42 0.00	26.59 1.31 0.00	25.40 1.28 0.00	26.30 1.35 0.00	29.28 1.53 0.00	34.26 1.88 0.00	39.84 2.15 -1.31	36.15 1.98 0.00	33.24 1.82 0.00	32.19 1.79 0.00	31.49 1.73 0.00	30.60 1.87 0.00	30.57 1.81 -0.84	31.98 1.85 -1.61	34.76 2.09 0.00	38.24 2.40 0.00	43.44 2.46 -4.79	49.23 2.44 -10.34	52.53 2.84 -7.35	52.26 2.37 -14.05	40.98 2.25 -4.12	35.34 1.75 -6.29	31.82 1.23 -9.35
CH_MISC_IPPS 23765	29.75 1.58 0.00	28.20 1.44 0.00	26.64 1.36 0.00	25.45 1.33 0.00	26.32 1.37 0.00	29.31 1.55 0.00	34.33 1.94 0.00	39.92 2.26 -1.28	36.22 2.05 0.00	33.30 1.88 0.00	32.25 1.85 0.00	31.52 1.76 0.00	30.60 1.87 0.00	30.60 1.87 -0.81	31.98 1.91 -1.56	34.86 2.19 0.00	38.31 2.47 0.00	43.47 2.57 -4.70	49.13 2.51 -10.16	52.49 2.92 -7.23	52.13 2.47 -13.82	40.98 2.32 -4.05	35.29 1.80 -6.19	31.74 1.32 -9.19
CH_RES_BVR_FALLS 23983	28.12 -0.06 0.00	26.70 -0.05 0.00	25.23 -0.05 0.00	24.05 -0.07 0.00	24.83 -0.12 0.00	27.56 -0.19 0.00	32.06 -0.32 0.00	35.87 -0.51 0.00	33.55 -0.61 0.00	30.88 -0.53 0.00	29.91 -0.49 0.00	29.23 -0.53 0.00	28.16 -0.57 0.00	27.28 -0.64 0.00	27.80 -0.71 0.00	31.82 -0.85 0.00	34.76 -1.07 0.00	35.04 -1.16 0.00	35.25 -1.20 0.00	40.86 -1.48 0.00	34.73 -1.11 0.00	33.58 -1.04 0.00	26.56 -0.74 0.00	20.64 -0.59 0.00
CH_RES_NIAGARA 23895	24.80 -3.38 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.77 -0.09	30.06 -4.10 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.77 -3.68 1.29	23.75 -3.57 0.60	23.80 -3.59 1.12	23.69 -4.15 4.83	21.94 -4.55 9.35	31.68 -4.52 0.00	31.91 -4.56 -0.02	32.01 -5.29 5.04	31.79 -4.66 -0.61	30.27 -4.36 -0.02	23.91 -3.41 -0.02	20.74 -2.08 -1.58
CH_RES_SYRACUSE 23985	27.78 -0.39 0.00	26.41 -0.35 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.33 0.00	27.39 -0.36 0.00	32.03 -0.36 0.00	36.12 -0.40 -0.13	33.86 -0.31 0.00	31.20 -0.22 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.52 -0.29 -0.08	27.79 -0.25 -0.12	28.53 -0.23 -0.24	32.70 -0.26 -0.29	36.15 -0.25 -0.56	36.45 -0.25 -0.51	37.33 -0.22 -1.10	43.22 -0.21 -1.08	37.05 -0.25 -1.46	34.74 -0.31 -0.44	27.64 -0.33 -0.67	21.96 -0.23 -0.96
CLINTON_WT_PWR 323605	28.54 0.37 0.00	27.13 0.37 0.00	25.66 0.38 0.00	24.49 0.36 0.00	25.28 0.32 0.00	28.03 0.28 0.00	32.61 0.23 0.00	36.46 0.07 0.00	34.07 -0.10 0.00	31.32 -0.09 0.00	30.37 -0.03 0.00	29.65 -0.12 0.00	28.56 -0.17 0.00	27.61 -0.31 0.00	28.12 -0.40 0.00	32.18 -0.49 0.00	34.98 -0.86 0.00	35.11 -1.08 0.00	35.25 -1.20 0.00	40.82 -1.52 0.00	34.87 -0.97 0.00	33.92 -0.69 0.00	26.92 -0.38 0.00	20.75 -0.49 0.00
CLINTON___LFGE 323618	28.88 0.70 0.00	27.48 0.72 0.00	25.96 0.68 0.00	24.78 0.65 0.00	25.58 0.62 0.00	28.36 0.61 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.97 0.58 0.00	30.24 0.47 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.80 0.13 0.00	35.62 -0.21 0.00	35.72 -0.47 0.00	35.83 -0.62 0.00	41.50 -0.85 0.00	35.44 -0.39 0.00	34.48 -0.14 0.00	27.38 0.08 0.00	21.09 -0.15 0.00
COBBLENY_34_KV_TB1 80064	25.70 -2.48 0.00	24.59 -2.17 0.00	23.13 -2.15 0.00	21.93 -2.20 0.00	22.73 -2.22 0.00	25.15 -2.61 0.00	29.15 -3.24 0.00	32.69 -3.78 -0.09	30.92 -3.25 0.01	28.65 -2.76 0.00	27.54 -2.86 0.00	27.23 -2.53 0.00	24.43 -2.99 1.31	24.26 -3.04 0.61	24.27 -3.11 1.14	24.26 -3.53 4.88	22.65 -3.69 9.50	32.36 -3.80 0.03	32.68 -3.72 0.06	32.53 -4.66 5.16	32.54 -3.83 -0.54	30.98 -3.63 0.00	24.38 -2.89 0.02	20.82 -2.29 -1.88
COFFEEN___115KV_TB3 355620	28.23 0.06 0.00	26.89 0.13 0.00	25.45 0.18 0.00	24.27 0.14 0.00	25.20 0.25 0.00	28.14 0.39 0.00	32.87 0.49 0.00	37.00 0.55 -0.07	34.27 0.10 0.00	31.07 -0.35 0.00	29.85 -0.55 0.00	29.20 -0.57 0.00	28.13 -0.60 0.00	27.35 -0.61 -0.05	28.03 -0.57 -0.09	32.14 -0.52 0.00	35.41 -0.43 0.00	36.28 -0.18 0.00	37.35 0.33 -0.26	43.38 0.64 -0.57	37.04 0.43 -0.40	35.08 0.24 -0.77	27.73 0.08 -0.23	21.72 -0.02 -0.51
COLDSPRG_115KV_BK1 355956	26.15 -2.03 0.00	25.02 -1.74 0.00	23.46 -1.82 0.00	22.22 -1.91 0.00	23.06 -1.90 0.00	25.42 -2.33 0.00	29.40 -2.98 0.00	33.09 -3.38 -0.09	31.29 -2.87 0.01	29.06 -2.36 0.00	27.94 -2.46 0.00	27.65 -2.11 0.00	24.72 -2.70 1.32	24.59 -2.71 0.62	24.58 -2.79 1.15	24.63 -3.14 4.90	22.94 -3.37 9.53	32.72 -3.44 0.04	33.03 -3.35 0.07	33.13 -4.02 5.19	32.91 -3.44 -0.52	31.46 -3.15 0.01	24.78 -2.48 0.03	21.22 -1.85 -1.84
COLONIE_LFGE___ 323577	29.28 1.10 0.00	27.75 0.99 0.00	26.24 0.96 0.00	25.06 0.94 0.00	26.00 1.05 0.00	28.97 1.22 0.00	33.84 1.46 0.00	39.74 1.78 -1.58	35.77 1.61 0.00	32.77 1.35 0.00	31.70 1.31 0.00	30.98 1.22 0.00	30.00 1.26 0.00	30.16 1.23 -1.01	31.74 1.28 -1.94	34.14 1.47 0.00	37.52 1.68 0.00	43.61 1.59 -5.82	50.70 1.68 -12.58	53.23 1.95 -8.94	54.57 1.65 -17.08	41.18 1.56 -5.01	36.18 1.23 -7.65	33.58 0.98 -11.37
COOPERNY_115KV_TB1 80082	29.08 0.90 0.00	27.56 0.80 0.00	26.03 0.76 0.00	24.85 0.72 0.00	25.70 0.75 0.00	28.61 0.86 0.00	33.48 1.10 0.00	38.59 1.24 -0.97	35.33 1.16 0.00	32.48 1.07 0.00	31.43 1.03 0.00	30.78 1.01 0.00	29.83 1.09 0.00	29.60 1.06 -0.62	30.82 1.11 -1.19	33.88 1.21 0.00	37.24 1.40 0.00	41.23 1.48 -3.56	45.59 1.46 -7.68	49.50 1.69 -5.46	47.64 1.36 -10.44	38.99 1.32 -3.06	32.98 1.01 -4.67	28.88 0.70 -6.95
COPENHAGEN_WT_PWR 323753	28.07 -0.11 0.00	26.73 -0.03 0.00	25.28 0.00 0.00	24.10 -0.02 0.00	25.03 0.08 0.00	27.92 0.17 0.00	32.58 0.20 0.00	36.68 0.22 -0.07	34.07 -0.10 0.00	30.95 -0.47 0.00	29.76 -0.64 0.00	29.14 -0.63 0.00	28.08 -0.66 0.00	27.32 -0.64 -0.05	27.98 -0.63 -0.09	32.05 -0.62 0.00	35.26 -0.57 0.00	36.07 -0.40 -0.27	37.07 0.04 -0.58	43.01 0.26 -0.42	36.74 0.11 -0.79	34.81 -0.03 -0.23	27.55 -0.11 -0.36	21.57 -0.19 -0.53
CORNELL_____ 23752	28.32 0.14 0.00	26.92 0.16 0.00	25.43 0.15 0.00	24.24 0.12 0.00	25.10 0.15 0.00	27.95 0.19 0.00	32.74 0.36 0.00	37.66 0.44 -0.84	34.51 0.34 0.00	31.67 0.25 0.00	30.52 0.12 0.00	29.88 0.12 0.00	31.61 -0.06 -2.93	29.93 -0.06 -2.07	32.28 -0.03 -3.80	43.46 0.03 -10.76	57.18 0.18 -21.16	40.54 0.33 -4.02	45.55 0.47 -8.62	60.45 0.64 -17.47	46.55 0.43 -10.28	38.27 0.31 -3.35	32.64 0.11 -5.23	23.47 0.13 -2.11

CORONA V_69_KV_TB1 355595	30.46 2.28 0.00	28.57 1.82 0.00	27.00 1.72 0.00	25.69 1.57 0.00	26.65 1.70 0.00	29.72 1.97 0.00	35.07 2.69 0.00	40.48 2.80 -1.29	36.66 2.49 0.00	34.05 2.64 0.00	32.65 2.25 0.00	31.97 2.20 0.00	31.17 2.44 0.00	31.48 2.74 -0.82	32.84 2.74 -1.59	35.28 2.61 0.00	39.10 3.26 0.00	44.42 3.47 -4.75	50.08 3.35 -10.27	53.63 3.98 -7.31	53.05 3.26 -13.95	41.87 3.15 -4.10	36.21 2.68 -6.24	32.16 1.66 -9.27
CORTLAND_115KV_TB3 80093	28.15 -0.03 0.00	26.76 0.00 0.00	25.25 -0.03 0.00	24.10 -0.02 0.00	24.95 0.00 0.00	27.78 0.03 0.00	32.48 0.10 0.00	36.87 0.11 -0.38	34.27 0.10 0.00	31.51 0.09 0.00	30.40 0.00 0.00	29.79 0.03 0.00	29.41 -0.09 -0.76	28.47 -0.08 -0.64	29.64 -0.06 -1.18	35.42 -0.03 -2.78	41.39 0.07 -5.48	37.99 0.14 -1.65	40.21 0.22 -3.54	48.13 0.34 -5.45	40.46 0.18 -4.44	36.11 0.10 -1.39	29.45 0.00 -2.15	22.95 0.02 -1.69
COXSACKIE__GT 23611	29.39 1.21 0.00	27.96 1.21 0.00	26.46 1.19 0.00	25.28 1.16 0.00	26.17 1.22 0.00	29.31 1.55 0.00	34.23 1.84 0.00	39.37 1.49 -1.50	35.81 1.64 0.00	32.89 1.48 0.00	31.73 1.34 0.00	30.89 1.13 0.00	29.94 1.21 0.00	29.58 0.72 -0.94	31.11 0.80 -1.80	34.33 1.67 0.00	37.81 1.97 0.00	43.13 1.52 -5.42	49.90 1.75 -11.70	52.56 1.78 -8.44	53.65 1.68 -16.13	40.80 1.45 -4.73	35.64 1.12 -7.22	32.79 0.83 -10.73
CPV_VALLEY__CC1 323721	29.22 1.04 0.00	27.69 0.94 0.00	26.16 0.88 0.00	24.97 0.84 0.00	25.83 0.87 0.00	28.75 1.00 0.00	33.65 1.26 0.00	38.95 1.46 -1.11	35.54 1.37 0.00	32.67 1.26 0.00	31.64 1.25 0.00	30.96 1.19 0.00	30.03 1.29 0.00	29.90 1.28 -0.70	31.18 1.31 -1.35	34.14 1.47 0.00	37.52 1.68 0.00	42.00 1.74 -4.07	46.93 1.68 -8.80	50.59 1.99 -6.26	49.41 1.61 -11.96	39.68 1.56 -3.51	33.85 1.20 -5.35	30.06 0.87 -7.96
CPV_VALLEY__CC2 323722	29.22 1.04 0.00	27.69 0.94 0.00	26.16 0.88 0.00	24.97 0.84 0.00	25.83 0.87 0.00	28.75 1.00 0.00	33.65 1.26 0.00	38.95 1.46 -1.11	35.54 1.37 0.00	32.67 1.26 0.00	31.64 1.25 0.00	30.96 1.19 0.00	30.03 1.29 0.00	29.90 1.28 -0.70	31.18 1.31 -1.35	34.14 1.47 0.00	37.52 1.68 0.00	42.00 1.74 -4.07	46.93 1.68 -8.80	50.59 1.99 -6.26	49.41 1.61 -11.96	39.68 1.56 -3.51	33.85 1.20 -5.35	30.06 0.87 -7.96
CRESCENT__HYD 24018	29.28 1.10 0.00	27.75 0.99 0.00	26.24 0.96 0.00	25.06 0.94 0.00	26.00 1.05 0.00	28.97 1.22 0.00	33.84 1.46 0.00	39.74 1.78 -1.58	35.77 1.61 0.00	32.77 1.35 0.00	31.70 1.31 0.00	30.98 1.22 0.00	30.00 1.26 0.00	30.16 1.23 -1.01	31.74 1.28 -1.94	34.14 1.47 0.00	37.52 1.68 0.00	43.61 1.59 -5.82	50.70 1.68 -12.58	53.23 1.95 -8.94	54.57 1.65 -17.08	41.18 1.56 -5.01	36.18 1.23 -7.65	33.58 0.98 -11.37
CRICKET__VALLEY_CC1 323756	29.67 1.49 0.00	28.12 1.36 0.00	26.54 1.26 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.20 1.44 0.00	34.10 1.72 0.00	39.73 2.00 -1.35	35.98 1.81 0.00	33.08 1.66 0.00	32.01 1.61 0.00	31.34 1.58 0.00	30.43 1.69 0.00	30.45 1.67 -0.85	31.81 1.65 -1.64	34.53 1.86 0.00	37.99 2.15 0.00	43.36 2.21 -4.95	49.34 2.19 -10.70	52.49 2.54 -7.61	52.50 2.11 -14.55	40.92 2.04 -4.26	35.40 1.58 -6.51	32.10 1.19 -9.68
CRICKET__VALLEY_CC2 323757	29.67 1.49 0.00	28.12 1.36 0.00	26.54 1.26 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.20 1.44 0.00	34.10 1.72 0.00	39.73 2.00 -1.35	35.98 1.81 0.00	33.08 1.66 0.00	32.01 1.61 0.00	31.34 1.58 0.00	30.43 1.69 0.00	30.45 1.67 -0.85	31.81 1.65 -1.64	34.53 1.86 0.00	37.99 2.15 0.00	43.36 2.21 -4.95	49.34 2.19 -10.70	52.49 2.54 -7.61	52.50 2.11 -14.55	40.92 2.04 -4.26	35.40 1.58 -6.51	32.10 1.19 -9.68
CRICKET__VALLEY_CC3 323758	29.67 1.49 0.00	28.12 1.36 0.00	26.54 1.26 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.20 1.44 0.00	34.10 1.72 0.00	39.73 2.00 -1.35	35.98 1.81 0.00	33.08 1.66 0.00	32.01 1.61 0.00	31.34 1.58 0.00	30.43 1.69 0.00	30.45 1.67 -0.85	31.81 1.65 -1.64	34.53 1.86 0.00	37.99 2.15 0.00	43.36 2.21 -4.95	49.34 2.19 -10.70	52.49 2.54 -7.61	52.50 2.11 -14.55	40.92 2.04 -4.26	35.40 1.58 -6.51	32.10 1.19 -9.68
CRUCIBLE_METL_DRP 24180	27.78 -0.39 0.00	26.41 -0.35 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.39 -0.36 0.00	32.03 -0.36 0.00	36.11 -0.40 -0.13	33.86 -0.31 0.00	31.20 -0.22 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.52 -0.29 -0.08	27.79 -0.25 -0.12	28.53 -0.23 -0.24	32.70 -0.26 -0.29	36.15 -0.25 -0.56	36.45 -0.25 -0.51	37.33 -0.22 -1.10	43.22 -0.21 -1.09	37.01 -0.29 -1.46	34.74 -0.31 -0.44	27.64 -0.33 -0.67	22.00 -0.19 -0.96
DAHOWA__HYDRO 323763	29.53 1.35 0.00	27.99 1.23 0.00	26.51 1.24 0.00	25.28 1.16 0.00	26.35 1.40 0.00	29.36 1.61 0.00	34.33 1.94 0.00	40.34 2.36 -1.60	36.25 2.08 0.00	33.11 1.70 0.00	31.98 1.58 0.00	31.16 1.40 0.00	30.14 1.41 0.00	30.39 1.45 -1.02	32.02 1.54 -1.97	34.20 1.54 0.00	37.59 1.76 0.00	43.64 1.56 -5.89	50.86 1.68 -12.73	53.34 1.95 -9.05	54.85 1.72 -17.29	41.24 1.56 -5.07	36.30 1.26 -7.74	33.91 1.17 -11.51
DANC__LFGE 323619	27.78 -0.39 0.00	26.44 -0.32 0.00	25.00 -0.28 0.00	23.84 -0.29 0.00	24.73 -0.23 0.00	27.56 -0.19 0.00	32.16 -0.23 0.00	36.22 -0.25 -0.09	33.76 -0.41 0.00	30.82 -0.60 0.00	29.73 -0.67 0.00	29.08 -0.68 0.00	28.05 -0.69 0.00	27.30 -0.67 -0.05	27.97 -0.65 -0.10	31.98 -0.69 0.00	35.12 -0.72 0.00	35.93 -0.58 -0.31	36.84 -0.29 -0.68	42.61 -0.21 -0.48	36.51 -0.25 -0.92	34.54 -0.35 -0.27	27.36 -0.36 -0.41	21.53 -0.32 -0.61
DANSKAMMER__1 23586	29.75 1.58 0.00	28.20 1.44 0.00	26.64 1.36 0.00	25.45 1.33 0.00	26.32 1.37 0.00	29.31 1.55 0.00	34.33 1.94 0.00	39.92 2.26 -1.28	36.22 2.05 0.00	33.30 1.88 0.00	32.25 1.85 0.00	31.52 1.76 0.00	30.60 1.87 0.00	30.60 1.87 -0.81	31.98 1.91 -1.56	34.86 2.19 0.00	38.31 2.47 0.00	43.47 2.57 -4.70	49.13 2.51 -10.16	52.49 2.92 -7.23	52.13 2.47 -13.82	40.98 2.32 -4.05	35.29 1.80 -6.19	31.74 1.32 -9.19
DANSKAMMER__2 23589	29.75 1.58 0.00	28.20 1.44 0.00	26.64 1.36 0.00	25.45 1.33 0.00	26.32 1.37 0.00	29.31 1.55 0.00	34.33 1.94 0.00	39.92 2.26 -1.28	36.22 2.05 0.00	33.30 1.88 0.00	32.25 1.85 0.00	31.52 1.76 0.00	30.60 1.87 0.00	30.60 1.87 -0.81	31.98 1.91 -1.56	34.86 2.19 0.00	38.31 2.47 0.00	43.47 2.57 -4.70	49.13 2.51 -10.16	52.49 2.92 -7.23	52.13 2.47 -13.82	40.98 2.32 -4.05	35.29 1.80 -6.19	31.74 1.32 -9.19
DANSKAMMER__3 23590	29.75 1.58 0.00	28.20 1.44 0.00	26.64 1.36 0.00	25.45 1.33 0.00	26.32 1.37 0.00	29.31 1.55 0.00	34.33 1.94 0.00	39.92 2.26 -1.28	36.22 2.05 0.00	33.30 1.88 0.00	32.25 1.85 0.00	31.52 1.76 0.00	30.60 1.87 0.00	30.60 1.87 -0.81	31.98 1.91 -1.56	34.86 2.19 0.00	38.31 2.47 0.00	43.47 2.57 -4.70	49.13 2.51 -10.16	52.49 2.92 -7.23	52.13 2.47 -13.82	40.98 2.32 -4.05	35.29 1.80 -6.19	31.74 1.32 -9.19

DANSKAMMER___4 23591	29.75 1.58 0.00	28.20 1.44 0.00	26.64 1.36 0.00	25.45 1.33 0.00	26.32 1.37 0.00	29.31 1.55 0.00	34.33 1.94 0.00	39.92 2.26 -1.28	36.22 2.05 0.00	33.30 1.88 0.00	32.25 1.85 0.00	31.52 1.76 0.00	30.60 1.87 0.00	30.60 1.87 -0.81	31.98 1.91 -1.56	34.86 2.19 0.00	38.31 2.47 0.00	43.47 2.57 -4.70	49.13 2.51 -10.16	52.49 2.92 -7.23	52.13 2.47 -13.82	40.98 2.32 -4.05	35.29 1.80 -6.19	31.74 1.32 -9.19
DANSKAMMER___DIESEL 23592	29.78 1.61 0.00	28.20 1.44 0.00	26.64 1.36 0.00	25.45 1.33 0.00	26.32 1.37 0.00	29.34 1.58 0.00	34.36 1.98 0.00	39.92 2.26 -1.28	36.22 2.05 0.00	33.30 1.88 0.00	32.25 1.85 0.00	31.52 1.76 0.00	30.63 1.90 0.00	30.61 1.87 -0.82	32.00 1.91 -1.58	34.86 2.19 0.00	38.31 2.47 0.00	43.47 2.57 -4.70	49.13 2.52 -10.16	52.49 2.92 -7.23	52.12 2.47 -13.81	40.98 2.32 -4.05	35.28 1.80 -6.18	31.68 1.25 -9.19
DARBY___SOLAR 323810	29.50 1.32 0.00	27.99 1.23 0.00	26.49 1.21 0.00	25.26 1.13 0.00	26.32 1.37 0.00	29.34 1.58 0.00	34.26 1.88 0.00	40.23 2.26 -1.59	36.18 2.02 0.00	33.05 1.63 0.00	31.92 1.52 0.00	31.10 1.34 0.00	30.11 1.38 0.00	30.36 1.42 -1.02	31.99 1.51 -1.96	34.23 1.57 0.00	37.63 1.79 0.00	43.63 1.56 -5.88	50.87 1.71 -12.71	53.36 1.99 -9.03	54.82 1.72 -17.26	41.27 1.59 -5.06	36.29 1.26 -7.73	33.87 1.15 -11.49
DASHVILLE___HYD 23610	29.59 1.41 0.00	28.01 1.26 0.00	26.46 1.19 0.00	25.28 1.16 0.00	26.15 1.20 0.00	29.20 1.44 0.00	34.16 1.78 0.00	39.20 1.49 -1.32	35.95 1.78 0.00	33.05 1.63 0.00	31.98 1.58 0.00	31.25 1.49 0.00	30.37 1.64 0.00	30.04 1.28 -0.84	31.42 1.28 -1.62	34.53 1.86 0.00	37.99 2.15 0.00	42.76 1.74 -4.82	48.59 1.71 -10.42	51.78 2.03 -7.41	51.69 1.68 -14.16	40.36 1.59 -4.15	34.87 1.23 -6.34	31.47 0.81 -9.43
DEERFIELD_69_KV_DEERFIELD LD 355887	30.66 2.48 0.00	28.17 1.42 0.00	26.97 1.69 0.00	25.62 1.50 0.00	26.52 1.57 0.00	29.45 1.69 0.00	34.72 2.33 0.00	40.00 2.33 -1.29	35.84 1.67 0.00	33.08 1.67 0.00	31.89 1.49 0.00	31.25 1.49 0.00	31.09 2.36 0.00	30.39 1.65 -0.82	31.50 1.40 -1.59	33.48 0.82 0.00	38.35 2.51 0.00	44.16 3.22 -4.75	51.02 4.30 -10.26	55.87 6.22 -7.30	54.77 4.98 -13.95	42.93 4.22 -4.09	37.06 3.52 -6.24	32.12 1.61 -9.27
DELAWARE___LFGE 323621	28.97 0.79 0.00	27.50 0.75 0.00	25.98 0.71 0.00	24.78 0.65 0.00	25.68 0.72 0.00	28.59 0.83 0.00	33.42 1.04 0.00	38.13 1.20 -0.55	35.26 1.09 0.00	32.39 0.97 0.00	31.31 0.91 0.00	30.69 0.92 0.00	29.63 0.89 0.00	29.16 0.89 -0.35	30.14 0.94 -0.68	33.71 1.05 0.00	37.06 1.22 0.00	39.49 1.27 -2.02	42.10 1.28 -4.37	46.93 1.48 -3.11	42.99 1.22 -5.94	37.50 1.14 -1.74	30.83 0.87 -2.66	25.80 0.62 -3.95
DERFIELD_115KV_TB7 355931	28.32 0.14 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.24 0.12 0.00	25.08 0.12 0.00	27.92 0.17 0.00	32.58 0.19 0.00	36.53 0.15 0.00	34.31 0.14 0.00	31.51 0.09 0.00	30.49 0.09 0.00	29.85 0.09 0.00	28.85 0.11 0.00	28.03 0.11 0.00	28.63 0.11 0.00	32.80 0.13 0.00	36.02 0.18 0.00	36.38 0.18 0.00	36.63 0.18 0.00	42.55 0.21 0.00	36.02 0.18 0.00	34.75 0.14 0.00	27.41 0.11 0.00	21.30 0.06 0.00
DOGLEVILLE___HYD 23807	28.15 -0.03 0.00	26.70 -0.05 0.00	25.18 -0.10 0.00	23.96 -0.17 0.00	24.73 -0.23 0.00	27.42 -0.33 0.00	31.38 -1.00 0.00	35.08 -1.31 0.00	32.90 -1.26 0.00	30.29 -1.13 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.87 -0.86 0.00	27.08 -0.84 0.00	27.58 -0.94 0.00	31.59 -1.08 0.00	34.55 -1.29 0.00	34.86 -1.34 0.00	35.10 -1.35 0.00	40.82 -1.52 0.00	34.51 -1.33 0.00	33.47 -1.14 0.00	26.45 -0.85 0.00	20.62 -0.62 0.00
DUNKIRK___115KV_TB_200 55889	25.90 -2.28 0.00	24.78 -1.98 0.00	23.28 -2.00 0.00	22.03 -2.10 0.00	22.86 -2.10 0.00	25.20 -2.55 0.00	29.11 -3.27 0.00	32.80 -3.67 -0.09	31.02 -3.14 0.01	28.84 -2.58 0.00	27.72 -2.67 0.00	27.44 -2.32 0.00	24.48 -2.96 1.30	24.41 -2.90 0.60	24.43 -2.97 1.12	24.47 -3.36 4.83	22.84 -3.62 9.38	32.57 -3.62 0.01	32.92 -3.54 0.00	33.13 -4.15 5.06	32.82 -3.62 -0.60	31.31 -3.32 -0.02	24.66 -2.65 -0.01	21.20 -1.78 -1.75
DUNKIRK___1 23563	25.90 -2.28 0.00	24.78 -1.98 0.00	23.28 -2.00 0.00	22.03 -2.10 0.00	22.86 -2.10 0.00	25.20 -2.55 0.00	29.11 -3.27 0.00	32.80 -3.67 -0.09	31.02 -3.14 0.01	28.84 -2.58 0.00	27.72 -2.67 0.00	27.44 -2.32 0.00	24.48 -2.96 1.30	24.41 -2.90 0.60	24.43 -2.97 1.12	24.47 -3.36 4.83	22.84 -3.62 9.38	32.57 -3.62 0.01	32.92 -3.54 0.00	33.13 -4.15 5.06	32.82 -3.62 -0.60	31.31 -3.32 -0.02	24.66 -2.65 -0.01	21.20 -1.78 -1.75
DUNKIRK___2 23564	25.90 -2.28 0.00	24.78 -1.98 0.00	23.28 -2.00 0.00	22.03 -2.10 0.00	22.86 -2.10 0.00	25.20 -2.55 0.00	29.11 -3.27 0.00	32.80 -3.67 -0.09	31.02 -3.14 0.01	28.84 -2.58 0.00	27.72 -2.67 0.00	27.44 -2.32 0.00	24.48 -2.96 1.30	24.41 -2.90 0.60	24.43 -2.97 1.12	24.47 -3.36 4.83	22.84 -3.62 9.38	32.57 -3.62 0.01	32.92 -3.54 0.00	33.13 -4.15 5.06	32.82 -3.62 -0.60	31.31 -3.32 -0.02	24.66 -2.65 -0.01	21.20 -1.78 -1.75
DUNKIRK___3 23565	25.84 -2.34 0.00	24.72 -2.03 0.00	23.23 -2.05 0.00	22.00 -2.12 0.00	22.81 -2.15 0.00	25.17 -2.58 0.00	29.08 -3.30 0.00	32.77 -3.71 -0.10	31.02 -3.14 0.01	28.81 -2.61 0.00	27.69 -2.71 0.00	27.44 -2.32 0.00	24.48 -2.96 1.29	24.42 -2.90 0.60	24.43 -2.97 1.12	24.52 -3.33 4.82	22.91 -3.58 9.34	32.58 -3.62 0.00	32.90 -3.57 -0.02	33.16 -4.15 5.03	32.84 -3.62 -0.62	31.24 -3.39 -0.02	24.65 -2.68 -0.02	21.17 -1.80 -1.74
DUNKIRK___4 23566	25.84 -2.34 0.00	24.72 -2.03 0.00	23.23 -2.05 0.00	22.00 -2.12 0.00	22.81 -2.15 0.00	25.17 -2.58 0.00	29.08 -3.30 0.00	32.77 -3.71 -0.10	31.02 -3.14 0.01	28.81 -2.61 0.00	27.69 -2.71 0.00	27.44 -2.32 0.00	24.48 -2.96 1.29	24.42 -2.90 0.60	24.43 -2.97 1.12	24.52 -3.33 4.82	22.91 -3.58 9.34	32.58 -3.62 0.00	32.90 -3.57 -0.02	33.16 -4.15 5.03	32.84 -3.62 -0.62	31.24 -3.39 -0.02	24.65 -2.68 -0.02	21.17 -1.80 -1.74
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.07 1.89 0.00	28.41 1.66 0.00	26.84 1.57 0.00	25.62 1.50 0.00	26.52 1.57 0.00	29.53 1.78 0.00	34.65 2.27 0.00	40.26 2.58 -1.29	36.59 2.43 0.00	33.71 2.29 0.00	32.62 2.22 0.00	31.91 2.14 0.00	31.01 2.27 0.00	30.98 2.23 -0.83	32.36 2.25 -1.59	35.21 2.55 0.00	38.74 2.90 0.00	43.87 2.93 -4.75	49.58 2.88 -10.25	52.98 3.35 -7.29	52.50 2.72 -13.93	41.33 2.63 -4.08	35.61 2.07 -6.24	31.95 1.44 -9.27
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.59 1.41 0.00	28.01 1.26 0.00	26.46 1.19 0.00	25.28 1.16 0.00	26.15 1.20 0.00	29.14 1.39 0.00	34.10 1.72 0.00	39.59 1.96 -1.24	35.98 1.81 0.00	33.08 1.67 0.00	32.04 1.64 0.00	31.31 1.55 0.00	30.43 1.70 0.00	30.36 1.65 -0.80	31.73 1.68 -1.53	34.59 1.93 0.00	38.02 2.19 0.00	43.03 2.28 -4.55	48.51 2.22 -9.84	51.96 2.63 -6.99	51.39 2.19 -13.37	40.58 2.04 -3.92	34.89 1.61 -5.99	31.23 1.10 -8.90

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.41 2.23 -0.01	28.80 2.03 -0.01	27.18 1.90 -0.01	25.94 1.81 -0.01	26.83 1.87 -0.01	29.87 2.11 -0.01	35.01 2.62 -0.01	40.59 2.91 -1.30	36.80 2.63 0.00	33.89 2.39 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.56 2.37 -1.68	35.40 2.65 -0.08	38.97 3.12 -0.02	44.05 3.11 -4.75	49.66 2.95 -10.25	53.06 3.43 -7.29	52.53 2.76 -13.94	41.54 2.84 -4.08	35.92 2.37 -6.25	32.21 1.70 -9.28
E179THST_13_KV_LOAD 356214	30.52 2.34 -0.01	28.88 2.11 -0.01	27.26 1.97 -0.01	26.01 1.88 -0.01	26.93 1.97 -0.01	29.95 2.19 -0.01	35.11 2.72 -0.01	40.74 3.06 -1.30	36.97 2.80 0.00	34.01 2.51 -0.08	32.94 2.52 -0.02	32.22 2.44 -0.02	31.34 2.56 -0.04	31.29 2.46 -0.92	32.68 2.48 -1.68	35.53 2.78 -0.08	39.12 3.26 -0.02	44.23 3.29 -4.75	49.84 3.13 -10.25	53.23 3.60 -7.29	52.68 2.90 -13.94	41.68 2.98 -4.08	36.03 2.48 -6.25	32.30 1.78 -9.28
EAST HAMPTON___GT 23717	30.04 1.86 0.00	28.01 1.26 0.00	26.90 1.62 0.00	25.60 1.47 0.00	26.57 1.62 0.00	29.06 1.30 0.00	34.84 2.46 0.00	40.26 2.58 -1.29	36.11 1.95 0.00	33.30 1.88 0.00	31.86 1.46 0.00	31.49 1.73 0.00	31.17 2.44 0.00	30.21 1.48 -0.81	31.45 1.37 -1.57	34.03 1.37 0.00	38.34 2.51 0.00	44.89 3.95 -4.75	50.94 4.23 -10.27	55.70 6.05 -7.30	54.59 4.80 -13.95	42.69 3.98 -4.10	36.81 3.27 -6.24	32.06 1.55 -9.28
EAST RIVER___6 23660	30.26 2.09 0.00	28.66 1.90 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.67 1.91 0.00	34.88 2.49 0.00	40.52 2.84 -1.29	36.84 2.67 0.00	34.03 2.54 -0.07	32.84 2.43 -0.01	32.13 2.35 -0.01	31.24 2.47 -0.04	31.23 2.43 -0.89	32.67 2.51 -1.64	35.57 2.84 -0.07	39.04 3.19 -0.01	44.20 3.26 -4.75	49.87 3.17 -10.25	53.28 3.64 -7.29	52.75 2.97 -13.94	41.57 2.87 -4.09	35.83 2.29 -6.24	32.18 1.68 -9.27
EAST RIVER___7 23524	30.26 2.09 0.00	28.66 1.90 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.67 1.91 0.00	34.88 2.49 0.00	40.52 2.84 -1.29	36.84 2.67 0.00	34.03 2.54 -0.07	32.84 2.43 -0.01	32.13 2.35 -0.01	31.24 2.47 -0.04	31.23 2.43 -0.89	32.67 2.51 -1.64	35.57 2.84 -0.07	39.04 3.19 -0.01	44.20 3.26 -4.75	49.87 3.17 -10.25	53.28 3.64 -7.29	52.75 2.97 -13.94	41.57 2.87 -4.09	35.83 2.29 -6.24	32.18 1.68 -9.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.98 1.80 0.00	28.36 1.61 0.00	26.77 1.49 0.00	25.57 1.45 0.00	26.45 1.50 0.00	29.45 1.69 0.00	34.52 2.14 0.00	40.15 2.47 -1.29	36.49 2.32 0.00	33.59 2.17 0.00	32.50 2.10 0.00	31.79 2.02 0.00	30.89 2.16 0.00	30.87 2.12 -0.83	32.25 2.14 -1.59	35.09 2.42 0.00	38.60 2.76 0.00	43.75 2.82 -4.74	49.42 2.73 -10.23	52.79 3.18 -7.28	52.36 2.62 -13.91	41.22 2.53 -4.08	35.49 1.97 -6.23	31.87 1.38 -9.25
EAST_HAMPTON___DIESEL 23722	29.98 1.80 0.00	27.99 1.23 0.00	26.87 1.59 0.00	25.57 1.45 0.00	26.55 1.60 0.00	29.06 1.30 0.00	34.84 2.46 0.00	40.26 2.58 -1.29	36.08 1.91 0.00	33.30 1.88 0.00	31.86 1.46 0.00	31.49 1.73 0.00	31.17 2.44 0.00	30.21 1.48 -0.81	31.45 1.37 -1.57	34.03 1.37 0.00	38.31 2.47 0.00	44.85 3.91 -4.75	50.87 4.15 -10.27	55.62 5.97 -7.30	54.52 4.73 -13.95	42.62 3.91 -4.10	36.76 3.22 -6.24	32.02 1.51 -9.28
EAST_POINT___SOLAR 323840	30.29 2.11 0.00	28.76 2.01 0.00	27.27 2.00 0.00	26.01 1.88 0.00	27.00 2.05 0.00	30.09 2.33 0.00	35.13 2.75 0.00	40.98 2.80 -1.80	36.11 1.95 0.00	32.83 1.42 0.00	31.89 1.49 0.00	31.19 1.43 0.00	30.20 1.46 0.00	30.61 1.53 -1.15	32.30 1.57 -2.22	34.53 1.86 0.00	37.63 1.79 0.00	44.93 2.13 -6.60	53.62 2.92 -14.25	56.32 3.85 -10.13	58.57 3.37 -19.36	43.51 3.22 -5.68	38.40 2.43 -8.67	35.92 1.80 -12.89
EAST_PULASKI___ESR 323781	27.58 -0.59 0.00	26.22 -0.53 0.00	24.77 -0.51 0.00	23.64 -0.48 0.00	24.48 -0.47 0.00	27.28 -0.47 0.00	31.83 -0.55 0.00	35.86 -0.62 -0.10	33.55 -0.61 0.00	30.75 -0.66 0.00	29.73 -0.67 0.00	29.11 -0.65 0.00	28.05 -0.69 0.00	27.34 -0.64 -0.06	28.01 -0.63 -0.12	31.98 -0.69 0.00	35.08 -0.75 0.00	35.86 -0.69 -0.35	36.67 -0.55 -0.76	42.38 -0.51 -0.54	36.38 -0.50 -1.04	34.33 -0.59 -0.30	27.27 -0.49 -0.47	21.52 -0.40 -0.69
EAST_RIVER___1 323558	30.23 2.06 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.70 1.94 0.00	34.88 2.49 0.00	40.52 2.84 -1.29	36.87 2.70 0.00	34.02 2.54 -0.06	32.84 2.43 -0.01	32.16 2.38 -0.01	31.24 2.47 -0.03	31.23 2.43 -0.89	32.67 2.51 -1.64	35.57 2.84 -0.06	39.01 3.15 -0.01	44.16 3.22 -4.75	49.84 3.14 -10.25	53.23 3.60 -7.29	52.71 2.94 -13.94	41.54 2.84 -4.09	35.80 2.26 -6.24	32.16 1.66 -9.27
EAST_RIVER___2 323559	30.26 2.09 0.00	28.66 1.90 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.67 1.91 0.00	34.88 2.49 0.00	40.52 2.84 -1.29	36.84 2.67 0.00	34.03 2.54 -0.07	32.84 2.43 -0.01	32.13 2.35 -0.01	31.24 2.47 -0.04	31.23 2.43 -0.89	32.67 2.51 -1.64	35.57 2.84 -0.07	39.04 3.19 -0.01	44.20 3.26 -4.75	49.87 3.17 -10.25	53.28 3.64 -7.29	52.75 2.97 -13.94	41.57 2.87 -4.09	35.83 2.29 -6.24	32.18 1.68 -9.27
EAST___DELAWARE_HYD 23607	29.59 1.41 0.00	28.07 1.31 0.00	26.51 1.24 0.00	25.31 1.18 0.00	26.20 1.25 0.00	29.20 1.44 0.00	34.20 1.81 0.00	39.75 2.18 -1.18	36.01 1.84 0.00	33.08 1.66 0.00	32.04 1.64 0.00	31.31 1.55 0.00	30.37 1.64 0.00	30.28 1.62 -0.74	31.59 1.65 -1.42	34.59 1.93 0.00	38.06 2.22 0.00	42.83 2.35 -4.29	48.05 2.33 -9.27	51.69 2.75 -6.60	50.77 2.33 -12.61	40.46 2.15 -3.70	34.58 1.64 -5.65	30.81 1.19 -8.39
EIGHT_POINT___WT_PWR 323820	26.71 -1.47 0.00	25.36 -1.39 0.00	23.84 -1.44 0.00	22.53 -1.59 0.00	23.20 -1.75 0.00	25.64 -2.11 0.00	29.79 -2.59 0.00	33.31 -3.06 0.02	31.23 -2.94 0.00	28.78 -2.64 0.00	27.60 -2.80 0.00	27.08 -2.68 0.00	24.00 -3.07 1.66	24.10 -2.93 0.88	24.01 -2.91 1.60	23.27 -3.30 6.10	20.28 -3.58 11.97	32.08 -3.51 0.61	31.79 -3.39 1.27	31.34 -3.68 7.32	31.69 -3.23 0.92	31.07 -3.08 0.46	23.97 -2.57 0.77	21.63 -1.63 -2.03
ELBRIDGE_115KV_TB2 80188	27.64 -0.54 0.00	26.27 -0.48 0.00	24.82 -0.45 0.00	23.67 -0.46 0.00	24.50 -0.45 0.00	27.25 -0.50 0.00	31.83 -0.55 0.00	35.94 -0.58 -0.14	33.66 -0.51 0.00	30.98 -0.44 0.00	29.94 -0.46 0.00	29.35 -0.42 0.00	28.35 -0.49 -0.10	27.61 -0.45 -0.14	28.36 -0.43 -0.27	32.56 -0.49 -0.39	36.08 -0.50 -0.74	36.23 -0.51 -0.54	37.15 -0.47 -1.18	43.12 -0.47 -1.24	36.89 -0.50 -1.56	34.57 -0.52 -0.47	27.55 -0.46 -0.71	21.96 -0.30 -1.03
ELEC_TRO_TEK 24086	30.32 2.14 0.00	28.44 1.69 0.00	26.89 1.62 0.00	25.60 1.47 0.00	26.55 1.60 0.00	29.61 1.86 0.00	34.91 2.53 0.00	40.30 2.62 -1.29	36.53 2.36 0.00	33.89 2.48 0.00	32.52 2.13 0.00	31.85 2.08 0.00	31.06 2.33 0.00	31.34 2.60 -0.82	32.73 2.62 -1.59	35.11 2.45 0.00	38.92 3.08 0.00	44.24 3.29 -4.75	49.89 3.17 -10.27	53.42 3.77 -7.31	52.87 3.08 -13.95	41.66 2.94 -4.10	36.08 2.54 -6.24	32.06 1.55 -9.27

ELLENBURG_WT_PWR 323604	28.54 0.37 0.00	27.13 0.37 0.00	25.66 0.38 0.00	24.49 0.36 0.00	25.28 0.32 0.00	28.03 0.28 0.00	32.61 0.23 0.00	36.46 0.07 0.00	34.07 -0.10 0.00	31.32 -0.09 0.00	30.37 -0.03 0.00	29.65 -0.12 0.00	28.56 -0.17 0.00	27.61 -0.31 0.00	28.12 -0.40 0.00	32.18 -0.49 0.00	34.98 -0.86 0.00	35.11 -1.08 0.00	35.25 -1.20 0.00	40.82 -1.52 0.00	34.87 -0.97 0.00	33.92 -0.69 0.00	26.92 -0.38 0.00	20.75 -0.49 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.39 -2.79 0.00	24.35 -2.41 0.00	22.90 -2.38 0.00	21.74 -2.39 0.00	22.53 -2.42 0.00	24.81 -2.94 0.00	28.63 -3.76 0.00	32.40 -4.07 -0.09	30.71 -3.45 0.01	28.62 -2.80 0.00	27.51 -2.89 0.00	27.29 -2.47 0.00	24.28 -3.16 1.29	24.22 -3.10 0.60	24.29 -3.11 1.12	24.34 -3.50 4.83	22.65 -3.83 9.36	32.32 -3.87 0.00	32.56 -3.90 -0.01	32.81 -4.49 5.05	32.43 -4.01 -0.61	30.89 -3.74 -0.02	24.37 -2.95 -0.02	21.00 -1.87 -1.64
EMPIRE_CC_1 323656	29.31 1.13 0.00	27.80 1.04 0.00	26.29 1.01 0.00	25.09 0.97 0.00	26.00 1.05 0.00	28.95 1.19 0.00	33.81 1.42 0.00	39.57 1.67 -1.51	35.67 1.50 0.00	32.77 1.35 0.00	31.70 1.31 0.00	30.98 1.22 0.00	30.03 1.29 0.00	30.14 1.26 -0.96	31.65 1.28 -1.84	34.14 1.47 0.00	37.52 1.68 0.00	43.46 1.70 -5.56	50.18 1.71 -12.01	52.91 2.03 -8.54	53.84 1.68 -16.32	41.03 1.63 -4.78	35.89 1.28 -7.31	33.07 0.98 -10.86
EMPIRE_CC_2 323658	29.31 1.13 0.00	27.80 1.04 0.00	26.29 1.01 0.00	25.09 0.97 0.00	26.00 1.05 0.00	28.95 1.19 0.00	33.81 1.42 0.00	39.57 1.67 -1.51	35.67 1.50 0.00	32.77 1.35 0.00	31.70 1.31 0.00	30.98 1.22 0.00	30.03 1.29 0.00	30.14 1.26 -0.96	31.65 1.28 -1.84	34.14 1.47 0.00	37.52 1.68 0.00	43.46 1.70 -5.56	50.18 1.71 -12.01	52.91 2.03 -8.54	53.84 1.68 -16.32	41.03 1.63 -4.78	35.89 1.28 -7.31	33.07 0.98 -10.86
ENORWICH_115KV_TB1 80156	29.61 1.44 0.00	28.23 1.47 0.00	26.69 1.42 0.00	25.43 1.30 0.00	26.40 1.45 0.00	29.45 1.69 0.00	34.59 2.20 0.00	39.39 2.44 -0.57	36.15 1.98 0.00	32.92 1.51 0.00	31.61 1.22 0.00	30.95 1.19 0.00	30.53 0.89 -0.90	29.57 0.81 -0.84	30.98 0.91 -1.56	37.12 1.14 -3.31	43.85 1.51 -6.51	40.33 1.74 -2.40	43.62 2.00 -5.16	51.91 2.41 -7.16	44.20 1.79 -6.57	38.20 1.56 -2.03	31.50 1.06 -3.14	24.89 0.79 -2.87
ERIE_ST__34_KV_TB1-2 80199	25.53 -2.65 0.00	24.48 -2.27 0.00	23.03 -2.25 0.00	21.83 -2.29 0.00	22.66 -2.30 0.00	24.98 -2.78 0.00	28.85 -3.53 0.00	32.62 -3.86 -0.09	30.88 -3.28 0.01	28.75 -2.67 0.00	27.66 -2.74 0.00	27.38 -2.38 0.00	24.48 -2.96 1.30	24.36 -2.96 0.60	24.40 -2.99 1.12	24.50 -3.33 4.83	22.93 -3.55 9.36	32.50 -3.69 0.00	32.77 -3.68 0.00	32.89 -4.40 5.05	32.60 -3.83 -0.60	31.06 -3.57 -0.02	24.47 -2.84 -0.02	20.88 -2.06 -1.71
ERIE_WT_PWR 323693	25.56 -2.62 0.00	24.45 -2.30 0.00	23.00 -2.27 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.92 -2.83 0.00	28.76 -3.63 0.00	32.55 -3.93 -0.09	30.85 -3.31 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.39 -3.05 1.30	24.33 -2.99 0.60	24.36 -3.02 1.13	24.43 -3.40 4.83	22.79 -3.69 9.36	32.42 -3.77 0.01	32.62 -3.83 0.00	32.88 -4.40 5.06	32.49 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	20.65 -2.27 -1.69
ESPRGFLD_115KV_TB1 80157	29.70 1.52 0.00	28.23 1.47 0.00	26.69 1.42 0.00	25.45 1.33 0.00	26.40 1.45 0.00	29.42 1.67 0.00	34.42 2.04 0.00	38.63 2.29 0.05	36.05 1.88 0.00	32.89 1.48 0.00	31.86 1.46 0.00	31.19 1.43 0.00	30.11 1.38 0.00	29.23 1.34 0.03	29.89 1.43 0.05	34.37 1.70 0.00	37.74 1.90 0.00	38.13 2.10 0.16	38.47 2.37 0.35	44.96 2.88 0.26	37.75 2.40 0.49	36.79 2.32 0.14	28.80 1.72 0.22	22.16 1.25 0.33
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.29 0.11 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.22 0.10 0.00	25.08 0.12 0.00	27.92 0.17 0.00	32.71 0.32 0.00	37.47 0.36 -0.73	34.44 0.27 0.00	31.64 0.22 0.00	30.49 0.09 0.00	29.85 0.09 0.00	31.00 -0.09 -2.35	29.55 -0.06 -1.69	31.59 -0.03 -3.11	41.31 0.03 -8.61	52.90 0.14 -16.92	39.91 0.29 -3.43	44.20 0.40 -7.35	57.22 0.59 -14.29	45.03 0.36 -8.84	37.75 0.28 -2.86	31.84 0.08 -4.46	23.44 0.11 -2.10
ETNA____115KV_TB2 80207	28.29 0.11 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.22 0.10 0.00	25.08 0.12 0.00	27.92 0.17 0.00	32.71 0.32 0.00	37.47 0.36 -0.73	34.44 0.27 0.00	31.64 0.22 0.00	30.49 0.09 0.00	29.85 0.09 0.00	31.00 -0.09 -2.35	29.55 -0.06 -1.69	31.59 -0.03 -3.11	41.31 0.03 -8.61	52.90 0.14 -16.92	39.91 0.29 -3.43	44.20 0.40 -7.35	57.22 0.59 -14.29	45.03 0.36 -8.84	37.75 0.28 -2.86	31.84 0.08 -4.46	23.44 0.11 -2.10
EUCLID__115KV_TB2 356179	27.50 -0.68 0.00	26.14 -0.62 0.00	24.70 -0.58 0.00	23.57 -0.55 0.00	24.40 -0.55 0.00	27.14 -0.61 0.00	31.67 -0.71 0.00	35.73 -0.76 -0.11	33.59 -0.58 0.00	30.91 -0.50 0.00	29.88 -0.52 0.00	29.29 -0.48 0.00	28.22 -0.52 0.00	27.51 -0.47 -0.07	28.17 -0.48 -0.14	32.11 -0.56 0.00	35.26 -0.57 0.00	36.06 -0.54 -0.41	36.78 -0.55 -0.88	42.37 -0.59 -0.62	36.45 -0.57 -1.19	34.38 -0.59 -0.35	27.31 -0.52 -0.53	21.69 -0.34 -0.79
E_CANADA_CAP_HY 24051	30.12 1.94 0.00	28.63 1.87 0.00	27.10 1.82 0.00	25.84 1.71 0.00	26.82 1.87 0.00	29.84 2.08 0.00	34.91 2.53 0.00	41.03 2.76 -1.88	36.36 2.19 0.00	33.02 1.60 0.00	32.07 1.67 0.00	31.34 1.58 0.00	30.29 1.55 0.00	30.69 1.56 -1.21	32.49 1.65 -2.32	34.63 1.96 0.00	37.95 2.11 0.00	45.49 2.39 -6.91	54.25 2.88 -14.92	56.50 3.56 -10.61	59.19 3.08 -20.27	43.57 3.01 -5.94	38.64 2.26 -9.08	36.42 1.70 -13.49
E_CANADA_MHWK_HY 24050	28.15 -0.03 0.00	26.70 -0.05 0.00	25.18 -0.10 0.00	23.96 -0.17 0.00	24.73 -0.23 0.00	27.42 -0.33 0.00	31.38 -1.00 0.00	35.08 -1.31 0.00	32.90 -1.26 0.00	30.29 -1.13 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.87 -0.86 0.00	27.08 -0.84 0.00	27.58 -0.94 0.00	31.59 -1.08 0.00	34.55 -1.29 0.00	34.86 -1.34 0.00	35.10 -1.35 0.00	40.82 -1.52 0.00	34.51 -1.33 0.00	33.47 -1.14 0.00	26.45 -0.85 0.00	20.62 -0.62 0.00
E_FISHKILL__LBMP 23776	29.73 1.55 0.00	28.15 1.39 0.00	26.57 1.29 0.00	25.38 1.25 0.00	26.25 1.30 0.00	29.22 1.47 0.00	34.23 1.85 0.00	39.81 2.11 -1.31	36.15 1.98 0.00	33.24 1.82 0.00	32.19 1.79 0.00	31.49 1.73 0.00	30.57 1.84 0.00	30.57 1.81 -0.84	31.96 1.83 -1.62	34.72 2.06 0.00	38.20 2.37 0.00	43.40 2.39 -4.82	49.23 2.37 -10.41	52.49 2.75 -7.40	52.24 2.26 -14.14	40.94 2.18 -4.15	35.35 1.72 -6.33	31.83 1.19 -9.41
FALCON___SEABRD_CC1 323796	28.83 0.65 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.53 0.57 0.00	28.31 0.55 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.95 0.53 0.00	30.97 0.58 0.00	30.24 0.47 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.66 0.14 0.00	32.80 0.13 0.00	35.62 -0.21 0.00	35.69 -0.51 0.00	35.80 -0.66 0.00	41.45 -0.89 0.00	35.37 -0.47 0.00	34.44 -0.17 0.00	27.38 0.08 0.00	21.09 -0.15 0.00

FALCON___SEABRD_CC2 323797	28.83 0.65 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.53 0.57 0.00	28.31 0.55 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.95 0.53 0.00	30.97 0.58 0.00	30.24 0.47 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.66 0.14 0.00	32.80 0.13 0.00	35.62 -0.21 0.00	35.69 -0.51 0.00	35.80 -0.66 0.00	41.45 -0.89 0.00	35.37 -0.47 0.00	34.44 -0.17 0.00	27.38 0.08 0.00	21.09 -0.15 0.00
FAR ROCKAWAY___4 23548	30.63 2.45 0.00	28.71 1.95 0.00	27.15 1.87 0.00	25.81 1.69 0.00	26.77 1.82 0.00	29.89 2.14 0.00	35.27 2.88 0.00	40.70 3.02 -1.29	36.87 2.70 0.00	34.24 2.83 0.00	32.83 2.43 0.00	32.14 2.38 0.00	31.35 2.61 0.00	31.67 2.93 -0.82	33.04 2.94 -1.59	35.47 2.81 0.00	39.31 3.48 0.00	44.67 3.73 -4.75	50.37 3.65 -10.27	53.92 4.28 -7.31	53.34 3.55 -13.95	42.11 3.39 -4.10	36.41 2.87 -6.24	32.29 1.78 -9.27
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.29 2.11 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.75 2.00 0.00	34.91 2.53 0.00	40.55 2.87 -1.29	36.87 2.70 0.00	34.06 2.58 -0.07	32.87 2.46 -0.01	32.16 2.38 -0.01	31.30 2.53 -0.04	31.28 2.46 -0.90	32.69 2.51 -1.66	35.54 2.81 -0.07	39.04 3.19 -0.01	44.16 3.22 -4.75	49.84 3.13 -10.25	53.23 3.60 -7.29	52.71 2.94 -13.93	41.57 2.87 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.29 2.11 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.75 2.00 0.00	34.91 2.53 0.00	40.55 2.87 -1.29	36.87 2.70 0.00	34.06 2.58 -0.07	32.87 2.46 -0.01	32.16 2.38 -0.01	31.27 2.50 -0.04	31.28 2.46 -0.90	32.69 2.51 -1.66	35.54 2.81 -0.07	39.04 3.19 -0.01	44.16 3.22 -4.75	49.84 3.13 -10.25	53.23 3.60 -7.29	52.71 2.94 -13.93	41.57 2.87 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.26 2.09 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.72 1.97 0.00	34.88 2.49 0.00	40.51 2.84 -1.29	36.87 2.70 0.00	34.03 2.54 -0.07	32.87 2.46 -0.01	32.16 2.38 -0.01	31.27 2.50 -0.04	31.28 2.46 -0.90	32.69 2.51 -1.66	35.54 2.81 -0.07	39.01 3.15 -0.01	44.16 3.22 -4.75	49.84 3.13 -10.25	53.23 3.60 -7.29	52.71 2.94 -13.93	41.54 2.84 -4.08	35.80 2.27 -6.24	32.10 1.59 -9.27
FARRAGUT___LBMP 323566	30.26 2.09 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.72 1.97 0.00	34.88 2.49 0.00	40.48 2.80 -1.29	36.83 2.67 0.00	34.03 2.54 -0.07	32.84 2.43 -0.01	32.13 2.35 -0.01	31.24 2.47 -0.04	31.25 2.43 -0.90	32.66 2.48 -1.66	35.51 2.78 -0.07	39.01 3.15 -0.01	44.13 3.19 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.93	41.54 2.84 -4.08	35.80 2.27 -6.24	32.10 1.59 -9.27
FENNER___WINDPWR 24204	28.43 0.25 0.00	27.02 0.27 0.00	25.53 0.25 0.00	24.37 0.24 0.00	25.23 0.27 0.00	28.11 0.36 0.00	32.87 0.49 0.00	37.13 0.51 -0.24	34.61 0.44 0.00	31.73 0.31 0.00	30.64 0.24 0.00	30.03 0.27 0.00	29.34 0.17 -0.43	28.49 0.20 -0.38	29.45 0.23 -0.70	34.55 0.29 -1.59	39.40 0.43 -3.13	37.73 0.51 -1.03	39.24 0.58 -2.21	46.35 0.76 -3.25	39.17 0.54 -2.79	35.93 0.45 -0.87	28.91 0.27 -1.34	22.56 0.19 -1.14
FIBERTEK___ENERGY 23856	27.78 -0.39 0.00	26.41 -0.35 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.39 -0.36 0.00	32.03 -0.36 0.00	36.11 -0.40 -0.13	33.86 -0.31 0.00	31.20 -0.22 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.52 -0.29 -0.08	27.79 -0.25 -0.12	28.53 -0.23 -0.24	32.70 -0.26 -0.29	36.15 -0.25 -0.56	36.45 -0.25 -0.51	37.33 -0.22 -1.10	43.22 -0.21 -1.09	37.01 -0.29 -1.46	34.74 -0.31 -0.44	27.64 -0.33 -0.67	22.00 -0.19 -0.96
FITZPATRICK____ 23598	27.22 -0.96 0.00	25.85 -0.91 0.00	24.42 -0.86 0.00	23.30 -0.82 0.00	24.10 -0.85 0.00	26.81 -0.94 0.00	31.28 -1.10 0.00	35.22 -1.24 -0.08	33.11 -1.06 0.00	30.47 -0.94 0.00	29.46 -0.89 0.00	28.87 -0.92 0.00	27.81 -0.92 0.00	27.10 -0.87 -0.05	27.73 -0.88 -0.09	31.65 -1.01 0.00	34.73 -1.11 0.00	35.39 -1.08 -0.28	35.97 -1.09 -0.61	41.55 -1.23 -0.43	35.56 -1.11 -0.83	33.78 -1.07 -0.24	26.80 -0.87 -0.37	21.15 -0.64 -0.55
FLOWRFLD_69_KV_BK1 356044	30.77 2.59 0.00	28.36 1.61 0.00	27.05 1.77 0.00	25.67 1.54 0.00	26.55 1.60 0.00	29.50 1.75 0.00	34.78 2.40 0.00	40.04 2.36 -1.29	35.95 1.78 0.00	33.23 1.82 0.00	32.01 1.61 0.00	31.37 1.61 0.00	31.06 2.33 0.00	30.70 1.95 -0.82	31.93 1.83 -1.59	34.03 1.37 0.00	38.70 2.87 0.00	44.49 3.55 -4.75	50.98 4.26 -10.26	55.57 5.93 -7.30	54.59 4.80 -13.95	42.97 4.26 -4.09	37.09 3.55 -6.24	32.27 1.76 -9.27
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.81 1.63 0.00	28.23 1.47 0.00	26.67 1.39 0.00	25.48 1.35 0.00	26.37 1.42 0.00	29.39 1.64 0.00	34.39 2.01 0.00	39.96 2.29 -1.29	36.25 2.08 0.00	33.33 1.92 0.00	32.28 1.88 0.00	31.58 1.82 0.00	30.69 1.95 0.00	30.67 1.93 -0.83	32.07 1.97 -1.58	34.89 2.22 0.00	38.38 2.54 0.00	43.56 2.64 -4.72	49.25 2.59 -10.21	52.61 3.01 -7.26	52.26 2.54 -13.87	41.07 2.39 -4.07	35.37 1.86 -6.21	31.76 1.30 -9.23
FORT ORANGE____ 23900	28.97 0.79 0.00	27.50 0.75 0.00	26.01 0.73 0.00	24.82 0.70 0.00	25.70 0.75 0.00	28.64 0.89 0.00	33.42 1.04 0.00	39.03 1.09 -1.56	35.26 1.09 0.00	32.29 0.88 0.00	31.22 0.82 0.00	30.54 0.77 0.00	29.60 0.86 0.00	29.75 0.84 -1.00	31.29 0.85 -1.92	33.71 1.05 0.00	36.98 1.15 0.00	43.03 1.08 -5.75	50.01 1.13 -12.43	52.48 1.35 -8.79	53.78 1.15 -16.80	40.65 1.11 -4.92	35.69 0.87 -7.52	33.09 0.68 -11.18
FORT_DRUM_COGEN 23780	28.15 -0.03 0.00	26.78 0.03 0.00	25.33 0.05 0.00	24.17 0.05 0.00	25.10 0.15 0.00	28.00 0.25 0.00	32.68 0.29 0.00	36.78 0.33 -0.07	34.13 -0.03 0.00	30.98 -0.44 0.00	29.79 -0.61 0.00	29.14 -0.63 0.00	28.10 -0.63 0.00	27.32 -0.64 -0.04	28.00 -0.60 -0.08	32.08 -0.59 0.00	35.30 -0.54 0.00	36.09 -0.36 -0.25	37.07 0.07 -0.55	43.03 0.30 -0.39	36.76 0.18 -0.74	34.83 0.00 -0.22	27.55 -0.08 -0.33	21.58 -0.15 -0.49
FOX_HILLS___ESR 323835	30.50 2.31 -0.01	28.82 2.06 -0.01	27.20 1.92 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.16 -0.01	35.14 2.75 -0.01	40.74 3.06 -1.30	37.07 2.90 0.00	33.95 2.45 -0.08	33.06 2.64 -0.02	32.34 2.56 -0.02	31.45 2.67 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	39.37 3.51 -0.02	44.23 3.29 -4.75	49.77 3.06 -10.25	53.19 3.56 -7.29	52.64 2.87 -13.94	41.68 2.98 -4.08	36.08 2.54 -6.25	32.30 1.78 -9.28
FPL FAR_ROCK_GT1 24212	30.54 2.37 0.00	28.71 1.95 0.00	27.15 1.87 0.00	25.81 1.69 0.00	26.77 1.82 0.00	29.81 2.05 0.00	35.20 2.82 0.00	40.66 2.98 -1.29	36.87 2.70 0.00	34.21 2.80 0.00	32.80 2.40 0.00	32.14 2.38 0.00	31.29 2.56 0.00	31.38 2.65 -0.81	33.02 2.94 -1.57	35.93 3.27 0.00	39.31 3.48 0.00	44.67 3.73 -4.75	50.37 3.64 -10.27	53.97 4.32 -7.31	53.34 3.55 -13.95	42.11 3.39 -4.10	36.41 2.87 -6.24	32.34 1.83 -9.28

FPL FAR_ROCK_GT2 23815	30.54 2.37 0.00	28.71 1.95 0.00	27.15 1.87 0.00	25.81 1.69 0.00	26.77 1.82 0.00	29.81 2.05 0.00	35.20 2.82 0.00	40.66 2.98 -1.29	36.87 2.70 0.00	34.21 2.80 0.00	32.80 2.40 0.00	32.14 2.38 0.00	31.29 2.56 0.00	31.38 2.65 -0.81	33.02 2.94 -1.57	35.93 3.27 0.00	39.31 3.48 0.00	44.67 3.73 -4.75	50.37 3.64 -10.27	53.97 4.32 -7.31	53.34 3.55 -13.95	42.11 3.39 -4.10	36.41 2.87 -6.24	32.34 1.83 -9.28
FRANKLIN_FALL_HYD 24054	28.66 0.48 0.00	27.24 0.48 0.00	25.76 0.48 0.00	24.56 0.43 0.00	25.38 0.42 0.00	28.11 0.36 0.00	32.68 0.29 0.00	36.53 0.15 0.00	34.07 -0.10 0.00	31.29 -0.13 0.00	30.34 -0.06 0.00	29.61 -0.15 0.00	28.53 -0.20 0.00	27.58 -0.34 0.00	28.09 -0.43 0.00	32.14 -0.52 0.00	35.01 -0.82 0.00	35.18 -1.01 0.00	35.36 -1.09 0.00	40.99 -1.35 0.00	35.01 -0.82 0.00	33.96 -0.66 0.00	26.94 -0.35 0.00	20.83 -0.40 0.00
FREEPORT_EQUS_GT1 23764	30.40 2.23 0.00	28.55 1.79 0.00	27.00 1.72 0.00	25.67 1.55 0.00	26.65 1.70 0.00	29.64 1.89 0.00	35.01 2.62 0.00	40.44 2.76 -1.29	36.63 2.46 0.00	33.95 2.54 0.00	32.56 2.16 0.00	31.91 2.14 0.00	31.06 2.33 0.00	31.13 2.40 -0.81	32.76 2.68 -1.57	35.67 3.00 0.00	39.06 3.23 0.00	44.45 3.51 -4.75	50.11 3.39 -10.27	53.71 4.07 -7.30	53.12 3.33 -13.95	41.90 3.18 -4.10	36.27 2.73 -6.24	32.21 1.70 -9.28
FREEPORT___CT2 23818	30.40 2.23 0.00	28.55 1.79 0.00	27.00 1.72 0.00	25.67 1.55 0.00	26.65 1.70 0.00	29.64 1.89 0.00	35.01 2.62 0.00	40.44 2.76 -1.29	36.63 2.46 0.00	33.95 2.54 0.00	32.56 2.16 0.00	31.91 2.14 0.00	31.06 2.33 0.00	31.13 2.40 -0.81	32.76 2.68 -1.57	35.67 3.00 0.00	39.06 3.23 0.00	44.45 3.51 -4.75	50.11 3.39 -10.27	53.71 4.07 -7.30	53.12 3.33 -13.95	41.90 3.18 -4.10	36.27 2.73 -6.24	32.21 1.70 -9.28
FRESHKLS_33_KV_LOAD 356253	30.47 2.28 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.16 -0.01	35.14 2.75 -0.01	40.74 3.06 -1.30	37.04 2.87 0.00	33.82 2.32 -0.08	33.03 2.61 -0.02	32.31 2.53 -0.02	31.39 2.61 -0.04	31.12 2.29 -0.91	32.53 2.34 -1.67	35.39 2.65 -0.08	39.33 3.48 -0.02	44.16 3.22 -4.75	49.65 2.95 -10.25	53.05 3.43 -7.28	52.52 2.76 -13.93	41.61 2.91 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
FULTON COGEN____ 23766	27.44 -0.73 0.00	26.09 -0.67 0.00	24.64 -0.63 0.00	23.50 -0.63 0.00	24.33 -0.62 0.00	27.09 -0.67 0.00	31.64 -0.74 0.00	35.65 -0.84 -0.10	33.49 -0.68 0.00	30.79 -0.63 0.00	29.79 -0.61 0.00	29.17 -0.60 0.00	28.10 -0.63 0.00	27.40 -0.59 -0.07	28.07 -0.57 -0.13	32.01 -0.65 0.00	35.16 -0.68 0.00	35.89 -0.69 -0.38	36.62 -0.66 -0.82	42.25 -0.68 -0.58	36.27 -0.68 -1.12	34.25 -0.69 -0.33	27.20 -0.60 -0.50	21.55 -0.42 -0.74
FULTON___LFGE 323630	30.04 1.86 0.00	28.52 1.77 0.00	27.02 1.74 0.00	25.77 1.64 0.00	26.75 1.80 0.00	29.78 2.02 0.00	34.81 2.43 0.00	40.93 2.76 -1.78	36.39 2.22 0.00	33.05 1.63 0.00	32.07 1.67 0.00	31.34 1.58 0.00	30.29 1.55 0.00	30.62 1.56 -1.14	32.34 1.62 -2.19	34.63 1.96 0.00	37.99 2.15 0.00	45.07 2.35 -6.53	53.36 2.81 -14.10	55.79 3.43 -10.02	57.97 2.97 -19.16	43.07 2.84 -5.62	38.03 2.16 -8.58	35.60 1.61 -12.75
G.F.CEMENT___DRP 24184	29.64 1.47 0.00	28.09 1.34 0.00	26.62 1.34 0.00	25.40 1.28 0.00	26.45 1.50 0.00	29.50 1.75 0.00	34.49 2.10 0.00	40.57 2.58 -1.61	36.49 2.32 0.00	33.27 1.85 0.00	32.16 1.76 0.00	31.34 1.58 0.00	30.32 1.58 0.00	30.54 1.59 -1.03	32.21 1.71 -1.98	34.86 2.19 0.00	37.45 1.61 0.00	43.54 1.45 -5.90	50.83 1.64 -12.74	53.33 1.91 -9.08	54.88 1.68 -17.35	41.19 1.49 -5.09	36.27 1.20 -7.77	33.61 0.83 -11.55
GARDENVILLE___LBMP 24039	25.44 -2.73 0.00	24.40 -2.35 0.00	22.95 -2.33 0.00	21.76 -2.36 0.00	22.56 -2.40 0.00	24.87 -2.89 0.00	28.69 -3.69 0.00	32.43 -4.04 -0.09	30.68 -3.49 0.01	28.56 -2.86 0.00	27.48 -2.92 0.00	27.20 -2.56 0.00	24.21 -3.22 1.31	24.18 -3.13 0.61	24.23 -3.14 1.15	24.29 -3.50 4.88	22.53 -3.83 9.48	32.24 -3.91 0.04	32.44 -3.94 0.08	32.73 -4.45 5.17	32.32 -4.01 -0.50	30.86 -3.74 0.01	24.31 -2.95 0.04	21.03 -1.93 -1.73
GARDNVLA_35_KV_LD 355827	25.50 -2.68 0.00	24.45 -2.30 0.00	23.03 -2.25 0.00	21.83 -2.29 0.00	22.63 -2.32 0.00	24.95 -2.80 0.00	28.76 -3.63 0.00	32.69 -3.78 -0.09	30.98 -3.18 0.01	28.87 -2.54 0.00	27.78 -2.61 0.00	27.50 -2.26 0.00	24.51 -2.93 1.29	24.44 -2.88 0.60	24.51 -2.88 1.12	24.60 -3.23 4.83	22.97 -3.51 9.36	32.61 -3.58 0.00	32.81 -3.65 -0.01	33.06 -4.23 5.05	32.68 -3.76 -0.60	31.17 -3.46 -0.02	24.56 -2.76 -0.02	21.11 -1.80 -1.68
GELCKHM___115KV_LOAD 80723	27.61 -0.56 0.00	26.25 -0.51 0.00	24.80 -0.48 0.00	23.64 -0.48 0.00	24.48 -0.47 0.00	27.23 -0.53 0.00	31.80 -0.58 0.00	35.88 -0.62 -0.12	33.69 -0.48 0.00	31.01 -0.41 0.00	29.97 -0.43 0.00	29.38 -0.39 0.00	28.30 -0.43 0.00	27.60 -0.39 -0.08	28.29 -0.37 -0.15	32.24 -0.42 0.00	35.37 -0.47 0.00	36.20 -0.43 -0.44	36.96 -0.44 -0.94	42.55 -0.47 -0.67	36.66 -0.47 -1.28	34.51 -0.48 -0.38	27.44 -0.44 -0.57	21.79 -0.30 -0.85
GENERAL___MILLS 23808	25.47 -2.71 0.00	24.43 -2.33 0.00	22.98 -2.30 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.90 -2.86 0.00	28.72 -3.66 0.00	32.55 -3.93 -0.09	30.81 -3.35 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.36 -3.07 1.30	24.30 -3.02 0.60	24.34 -3.05 1.13	24.43 -3.40 4.84	22.73 -3.73 9.38	32.39 -3.80 0.01	32.65 -3.79 0.01	32.87 -4.40 5.07	32.48 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	21.03 -1.89 -1.69
GE_PLASTICS___DRP 24183	28.91 0.73 0.00	27.42 0.67 0.00	25.93 0.66 0.00	24.75 0.63 0.00	25.63 0.67 0.00	28.53 0.78 0.00	33.29 0.91 0.00	38.96 1.02 -1.56	35.19 1.03 0.00	32.33 0.91 0.00	31.25 0.85 0.00	30.57 0.80 0.00	29.63 0.89 0.00	29.75 0.84 -1.00	31.29 0.86 -1.92	33.71 1.05 0.00	36.98 1.15 0.00	43.00 1.09 -5.72	49.94 1.13 -12.36	52.40 1.27 -8.79	53.71 1.08 -16.80	40.58 1.04 -4.93	35.64 0.82 -7.52	33.01 0.59 -11.18
GILBOA___1 23756	28.91 0.73 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.60 0.65 0.00	28.47 0.72 0.00	33.29 0.91 0.00	38.68 1.06 -1.24	35.16 0.99 0.00	32.33 0.91 0.00	31.28 0.88 0.00	30.60 0.83 0.00	29.63 0.89 0.00	29.59 0.89 -0.78	30.93 0.91 -1.51	33.68 1.01 0.00	36.98 1.15 0.00	41.94 1.19 -4.55	47.42 1.13 -9.83	50.60 1.27 -6.99	50.28 1.07 -13.36	39.61 1.07 -3.92	34.13 0.85 -5.98	30.76 0.64 -8.89
GILBOA___2 23757	28.91 0.73 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.60 0.65 0.00	28.47 0.72 0.00	33.29 0.91 0.00	38.68 1.06 -1.24	35.16 0.99 0.00	32.33 0.91 0.00	31.28 0.88 0.00	30.60 0.83 0.00	29.63 0.89 0.00	29.59 0.89 -0.78	30.93 0.91 -1.51	33.68 1.01 0.00	36.98 1.15 0.00	41.94 1.19 -4.55	47.42 1.13 -9.83	50.60 1.27 -6.99	50.28 1.07 -13.36	39.61 1.07 -3.92	34.13 0.85 -5.98	30.76 0.64 -8.89

GILBOA___3 23758	28.91 0.73 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.60 0.65 0.00	28.47 0.72 0.00	33.29 0.91 0.00	38.68 1.06 -1.24	35.16 0.99 0.00	32.33 0.91 0.00	31.28 0.88 0.00	30.60 0.83 0.00	29.63 0.89 0.00	29.59 0.89 -0.78	30.93 0.91 -1.51	33.68 1.01 0.00	36.98 1.15 0.00	41.94 1.19 -4.55	47.42 1.13 -9.83	50.60 1.27 -6.99	50.28 1.07 -13.36	39.61 1.07 -3.92	34.13 0.85 -5.98	30.76 0.64 -8.89
GILBOA___4 23759	28.91 0.73 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.60 0.65 0.00	28.47 0.72 0.00	33.29 0.91 0.00	38.68 1.06 -1.24	35.16 0.99 0.00	32.33 0.91 0.00	31.28 0.88 0.00	30.60 0.83 0.00	29.63 0.89 0.00	29.59 0.89 -0.78	30.93 0.91 -1.51	33.68 1.01 0.00	36.98 1.15 0.00	41.94 1.19 -4.55	47.42 1.13 -9.83	50.60 1.27 -6.99	50.28 1.07 -13.36	39.61 1.07 -3.92	34.13 0.85 -5.98	30.76 0.64 -8.89
GILBOA___ 23599	28.91 0.73 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.60 0.65 0.00	28.48 0.72 0.00	33.29 0.91 0.00	38.68 1.06 -1.24	35.16 0.99 0.00	32.33 0.91 0.00	31.28 0.88 0.00	30.60 0.83 0.00	29.63 0.89 0.00	29.61 0.89 -0.80	30.96 0.91 -1.53	33.68 1.01 0.00	36.98 1.15 0.00	41.94 1.19 -4.55	47.41 1.13 -9.83	50.65 1.31 -6.99	50.28 1.08 -13.36	39.61 1.07 -3.92	34.13 0.85 -5.98	30.72 0.59 -8.89
GINNA___ 23603	25.59 -2.59 0.00	24.37 -2.38 0.00	23.03 -2.25 0.00	21.93 -2.20 0.00	22.76 -2.20 0.00	25.26 -2.50 0.00	29.31 -3.08 0.00	33.13 -3.35 -0.09	30.74 -3.42 0.01	28.56 -2.86 0.00	27.57 -2.83 0.00	27.23 -2.53 0.00	24.36 -2.90 1.47	24.44 -2.79 0.68	24.32 -2.88 1.31	23.84 -3.27 5.56	21.54 -3.55 10.75	32.60 -3.58 0.01	32.89 -3.54 0.02	32.47 -4.02 5.85	33.06 -3.41 -0.62	31.18 -3.43 0.01	24.50 -2.81 -0.01	20.42 -2.10 -1.29
GLEN PARK___ 23778	28.21 0.03 0.00	26.84 0.08 0.00	25.40 0.13 0.00	24.22 0.10 0.00	25.15 0.20 0.00	28.09 0.33 0.00	32.80 0.42 0.00	36.93 0.47 -0.07	34.20 0.03 0.00	31.01 -0.41 0.00	29.82 -0.58 0.00	29.17 -0.60 0.00	28.10 -0.63 0.00	27.32 -0.64 -0.05	28.00 -0.60 -0.09	32.11 -0.56 0.00	35.34 -0.50 0.00	36.20 -0.25 0.00	37.24 0.22 -0.26	43.25 0.51 -0.40	36.93 0.32 -0.77	35.01 0.17 -0.22	27.67 0.03 -0.34	21.64 -0.11 -0.51
GLENDALE_27_KV_LOAD 356172	30.50 2.31 -0.01	28.82 2.06 -0.01	27.20 1.92 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.16 -0.01	35.11 2.72 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.17 2.67 -0.08	33.09 2.67 -0.02	32.37 2.59 -0.02	31.48 2.70 -0.04	31.43 2.60 -0.92	32.82 2.62 -1.68	35.69 2.94 -0.08	39.30 3.44 -0.02	44.38 3.44 -4.75	49.98 3.28 -10.25	53.40 3.77 -7.29	52.82 3.05 -13.94	41.78 3.08 -4.08	36.03 2.48 -6.25	32.28 1.76 -9.28
GLENWOOD_IC_1_G5 23712	30.32 2.14 0.00	28.52 1.77 0.00	26.97 1.69 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.67 1.92 0.00	34.91 2.53 0.00	40.44 2.77 -1.29	36.70 2.53 0.00	33.92 2.51 0.00	32.68 2.28 0.00	31.99 2.23 0.00	31.17 2.44 0.00	31.31 2.57 -0.82	32.70 2.60 -1.59	35.31 2.65 0.00	38.99 3.15 0.00	44.27 3.33 -4.75	49.97 3.24 -10.27	53.29 3.64 -7.31	52.76 2.97 -13.95	41.69 2.98 -4.10	36.00 2.46 -6.24	32.10 1.59 -9.27
GLENWOOD_IC_2_G1 23688	30.12 1.94 0.00	28.44 1.69 0.00	26.87 1.59 0.00	25.62 1.50 0.00	26.55 1.60 0.00	29.53 1.78 0.00	34.75 2.36 0.00	40.30 2.62 -1.29	36.56 2.39 0.00	33.77 2.36 0.00	32.59 2.19 0.00	31.88 2.11 0.00	31.00 2.27 0.00	30.99 2.26 -0.81	32.48 2.40 -1.57	35.37 2.71 0.00	38.81 2.97 0.00	44.06 3.11 -4.75	49.73 3.02 -10.26	53.15 3.51 -7.29	52.68 2.90 -13.94	41.50 2.80 -4.09	35.80 2.26 -6.24	32.06 1.55 -9.28
GLENWOOD_IC_3_G1 23689	30.12 1.94 0.00	28.44 1.69 0.00	26.87 1.59 0.00	25.62 1.50 0.00	26.55 1.60 0.00	29.53 1.78 0.00	34.75 2.36 0.00	40.30 2.62 -1.29	36.56 2.39 0.00	33.77 2.36 0.00	32.59 2.19 0.00	31.88 2.11 0.00	31.00 2.27 0.00	30.99 2.26 -0.81	32.48 2.40 -1.57	35.37 2.71 0.00	38.81 2.97 0.00	44.06 3.11 -4.75	49.73 3.02 -10.26	53.15 3.51 -7.29	52.68 2.90 -13.94	41.50 2.80 -4.09	35.80 2.26 -6.24	32.06 1.55 -9.28
GLENWOOD___4 23550	30.32 2.14 0.00	28.52 1.77 0.00	26.97 1.69 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.67 1.92 0.00	34.91 2.53 0.00	40.44 2.77 -1.29	36.70 2.53 0.00	33.92 2.51 0.00	32.68 2.28 0.00	31.99 2.23 0.00	31.17 2.44 0.00	31.31 2.57 -0.82	32.70 2.60 -1.59	35.31 2.65 0.00	38.99 3.15 0.00	44.27 3.33 -4.75	49.97 3.24 -10.27	53.33 3.68 -7.31	52.84 3.05 -13.95	41.69 2.98 -4.10	36.00 2.46 -6.24	32.10 1.59 -9.27
GLENWOOD___5 23614	30.32 2.14 0.00	28.52 1.77 0.00	26.97 1.69 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.67 1.92 0.00	34.91 2.53 0.00	40.44 2.77 -1.29	36.70 2.53 0.00	33.92 2.51 0.00	32.68 2.28 0.00	31.99 2.23 0.00	31.17 2.44 0.00	31.31 2.57 -0.82	32.70 2.60 -1.59	35.31 2.65 0.00	38.99 3.15 0.00	44.27 3.33 -4.75	49.97 3.24 -10.27	53.33 3.68 -7.31	52.84 3.05 -13.95	41.69 2.98 -4.10	36.00 2.46 -6.24	32.10 1.59 -9.27
GLOBAL GREEN_PORT_GT1 23814	30.21 2.03 0.00	28.17 1.42 0.00	27.02 1.74 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.11 1.36 0.00	34.84 2.46 0.00	40.26 2.58 -1.29	36.08 1.91 0.00	33.30 1.88 0.00	31.83 1.43 0.00	31.49 1.73 0.00	31.17 2.44 0.00	30.24 1.51 -0.81	31.54 1.45 -1.57	34.17 1.50 0.00	38.49 2.65 0.00	45.07 4.12 -4.75	51.16 4.45 -10.27	55.99 6.35 -7.30	54.84 5.05 -13.95	42.93 4.22 -4.10	37.03 3.50 -6.24	32.19 1.68 -9.28
GLOBE___DSASP 323697	24.71 -3.47 0.00	23.73 -3.02 0.00	22.34 -2.93 0.00	21.23 -2.89 0.00	22.01 -2.94 0.00	24.23 -3.52 0.00	27.85 -4.53 0.00	31.60 -4.88 -0.09	29.99 -4.17 0.01	27.99 -3.42 0.00	26.93 -3.47 0.00	26.73 -3.04 0.00	23.68 -3.76 1.29	23.69 -3.63 0.60	23.71 -3.68 1.12	23.62 -4.21 4.83	21.83 -4.66 9.34	31.60 -4.60 -0.01	31.80 -4.67 -0.02	31.93 -5.38 5.04	31.69 -4.77 -0.61	30.20 -4.43 -0.02	23.86 -3.47 -0.03	20.67 -2.14 -1.58
GOETHSLN___LBMP 323567	30.18 2.00 0.00	28.52 1.77 0.00	26.92 1.64 0.00	25.72 1.59 0.00	26.60 1.65 0.00	29.64 1.89 0.00	34.78 2.40 0.00	40.37 2.69 -1.29	36.73 2.56 0.00	33.97 2.48 -0.07	32.75 2.34 -0.01	32.04 2.26 -0.01	31.19 2.41 -0.04	31.22 2.40 -0.90	32.61 2.42 -1.66	35.45 2.71 -0.07	38.90 3.05 -0.01	44.02 3.08 -4.75	49.69 2.99 -10.25	53.06 3.43 -7.29	52.57 2.80 -13.93	41.40 2.70 -4.08	35.72 2.18 -6.24	32.03 1.53 -9.27
GOLAH___69_KV_TB 1_2 80279	26.37 -1.80 0.00	25.20 -1.55 0.00	23.79 -1.49 0.00	22.65 -1.47 0.00	23.51 -1.45 0.00	26.09 -1.67 0.00	30.21 -2.17 0.00	34.33 -2.15 -0.09	31.94 -2.22 0.01	29.66 -1.76 0.00	28.57 -1.82 0.00	28.19 -1.58 0.00	25.15 -2.27 1.32	25.16 -2.15 0.60	25.19 -2.17 1.16	25.30 -2.42 4.95	23.47 -2.69 9.68	33.52 -2.68 0.00	33.91 -2.55 -0.01	34.35 -2.75 5.24	34.02 -2.44 -0.61	32.20 -2.42 -0.01	25.33 -1.99 -0.03	21.52 -1.06 -1.35

GOODYEAR_LAKE_HYD 323669	29.25 1.07 0.00	27.77 1.02 0.00	26.24 0.96 0.00	25.04 0.92 0.00	25.95 1.00 0.00	28.92 1.17 0.00	33.84 1.46 0.00	38.43 1.67 -0.38	35.64 1.47 0.00	32.67 1.26 0.00	31.61 1.22 0.00	30.95 1.19 0.00	29.88 1.15 0.00	29.28 1.12 -0.24	30.18 1.20 -0.47	34.04 1.37 0.00	37.41 1.58 0.00	39.25 1.66 -1.39	41.21 1.75 -3.01	46.55 2.07 -2.14	41.61 1.68 -4.08	37.40 1.59 -1.20	30.30 1.17 -1.83	24.80 0.85 -2.72
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.90 -0.28 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.86 -0.27 0.00	24.68 -0.27 0.00	27.45 -0.31 0.00	32.06 -0.32 0.00	36.33 -0.40 -0.35	33.86 -0.31 0.00	31.16 -0.25 0.00	30.09 -0.30 0.00	29.53 -0.24 0.00	27.97 -0.40 0.37	27.56 -0.39 -0.03	28.23 -0.37 -0.08	30.93 -0.39 1.34	32.84 -0.36 2.64	37.02 -0.33 -1.16	38.66 -0.29 -2.51	42.41 -0.30 -0.37	39.06 -0.36 -3.58	35.28 -0.35 -1.01	28.47 -0.35 -1.53	24.01 -0.21 -2.99
GOUDEY___7 23579	27.90 -0.28 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.86 -0.27 0.00	24.68 -0.27 0.00	27.45 -0.31 0.00	32.06 -0.32 0.00	36.33 -0.40 -0.35	33.86 -0.31 0.00	31.16 -0.25 0.00	30.09 -0.30 0.00	29.53 -0.24 0.00	27.97 -0.40 0.37	27.56 -0.39 -0.03	28.23 -0.37 -0.08	30.93 -0.39 1.34	32.84 -0.36 2.64	37.02 -0.33 -1.16	38.66 -0.29 -2.51	42.41 -0.30 -0.37	39.06 -0.36 -3.58	35.28 -0.35 -1.01	28.47 -0.35 -1.53	24.01 -0.21 -2.99
GOUDEY___8 23580	27.90 -0.28 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.86 -0.27 0.00	24.68 -0.27 0.00	27.45 -0.31 0.00	32.06 -0.32 0.00	36.33 -0.40 -0.35	33.86 -0.31 0.00	31.16 -0.25 0.00	30.09 -0.30 0.00	29.53 -0.24 0.00	27.97 -0.40 0.37	27.56 -0.39 -0.03	28.23 -0.37 -0.08	30.93 -0.39 1.34	32.84 -0.36 2.64	37.02 -0.33 -1.16	38.66 -0.29 -2.51	42.41 -0.30 -0.37	39.06 -0.36 -3.58	35.28 -0.35 -1.01	28.47 -0.35 -1.53	24.01 -0.21 -2.99
GOWANUS_GT1_1 24077	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT1_2 24078	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT1_3 24079	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT1_4 24080	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT1_5 24084	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT1_6 24111	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT1_7 24112	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT1_8 24113	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GOWANUS_GT2_1 24114	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
GOWANUS_GT2_2 24115	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
GOWANUS_GT2_3 24116	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28

GOWANUS_GT2_4 24117	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
GOWANUS_GT2_5 24118	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
GOWANUS_GT2_6 24119	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
GOWANUS_GT2_7 24120	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
GOWANUS_GT2_8 24121	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.93 2.17 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.68 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.31 2.48 -0.91	32.74 2.57 -1.66	35.66 2.91 -0.08	39.37 3.51 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.79 3.01 -13.94	41.75 3.05 -4.09	36.09 2.54 -6.25	32.36 1.85 -9.28
GOWANUS_GT3_1 24122	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT3_2 24123	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT3_3 24124	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT3_4 24125	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT3_5 24126	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT3_6 24127	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT3_7 24128	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT3_8 24129	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
GOWANUS_GT4_1 24130	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28
GOWANUS_GT4_2 24131	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28

GOWANUS_GT4_3 24132	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28
GOWANUS_GT4_4 24133	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28
GOWANUS_GT4_5 24134	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28
GOWANUS_GT4_6 24135	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28
GOWANUS_GT4_7 24136	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28
GOWANUS_GT4_8 24137	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.81 3.13 -1.30	37.11 2.94 0.00	34.08 2.58 -0.08	33.09 2.67 -0.02	32.40 2.62 -0.02	31.48 2.70 -0.04	31.35 2.51 -0.92	32.76 2.57 -1.68	35.63 2.87 -0.08	39.37 3.51 -0.02	44.34 3.40 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.94	41.75 3.05 -4.08	36.08 2.54 -6.25	32.32 1.80 -9.28
GREENBSH_115KV_TB3 55895	28.88 0.70 0.00	27.40 0.64 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.63 0.67 0.00	28.53 0.78 0.00	33.29 0.91 0.00	38.97 1.02 -1.56	35.16 0.99 0.00	32.26 0.85 0.00	31.22 0.82 0.00	30.54 0.77 0.00	29.60 0.86 0.00	29.76 0.84 -1.00	31.30 0.86 -1.93	33.71 1.05 0.00	36.95 1.11 0.00	42.99 1.05 -5.75	49.96 1.09 -12.42	52.40 1.23 -8.83	53.76 1.04 -16.89	40.57 1.00 -4.95	35.65 0.79 -7.56	33.06 0.59 -11.24
GREENIDGE_115KV_TB5 80291	27.42 -0.76 0.00	26.11 -0.64 0.00	24.62 -0.66 0.00	23.45 -0.68 0.00	24.25 -0.70 0.00	26.98 -0.78 0.00	31.54 -0.84 0.00	35.32 -0.98 0.09	33.15 -1.03 -0.01	30.54 -0.88 0.00	29.39 -1.00 0.00	28.84 -0.92 0.00	26.37 -1.29 1.07	26.08 -1.20 0.64	26.23 -1.20 1.09	27.56 -1.31 3.80	26.86 -1.36 7.61	34.18 -1.23 0.78	33.77 -1.06 1.63	36.07 -1.10 5.17	33.13 -1.08 1.63	32.90 -1.14 0.58	25.27 -1.04 1.00	22.55 -0.62 -1.93
GREENIDGE___3 23582	27.42 -0.76 0.00	26.11 -0.64 0.00	24.62 -0.66 0.00	23.45 -0.68 0.00	24.25 -0.70 0.00	26.98 -0.78 0.00	31.54 -0.84 0.00	35.32 -0.98 0.09	33.15 -1.03 -0.01	30.54 -0.88 0.00	29.39 -1.00 0.00	28.84 -0.92 0.00	26.37 -1.29 1.07	26.08 -1.20 0.64	26.23 -1.20 1.09	27.56 -1.31 3.80	26.86 -1.36 7.61	34.18 -1.23 0.78	33.77 -1.06 1.63	36.07 -1.10 5.17	33.13 -1.08 1.63	32.90 -1.14 0.58	25.27 -1.04 1.00	22.55 -0.62 -1.93
GREENIDGE___4 23583	27.44 -0.73 0.00	26.11 -0.64 0.00	24.62 -0.66 0.00	23.45 -0.68 0.00	24.25 -0.70 0.00	26.98 -0.78 0.00	31.54 -0.84 0.00	35.32 -0.98 0.09	33.16 -1.02 -0.01	30.54 -0.88 0.00	29.40 -1.00 0.00	28.84 -0.92 0.00	26.40 -1.26 1.07	26.07 -1.20 0.64	26.23 -1.20 1.09	27.55 -1.31 3.81	26.84 -1.36 7.64	34.18 -1.23 0.78	33.73 -1.09 1.63	36.05 -1.10 5.19	33.13 -1.07 1.63	32.93 -1.11 0.58	25.27 -1.04 1.00	22.40 -0.76 -1.93
GREENLWN_69_KV_BK 3 55738	30.38 2.20 0.00	28.39 1.63 0.00	26.87 1.59 0.00	25.55 1.42 0.00	26.52 1.57 0.00	29.56 1.80 0.00	34.94 2.56 0.00	40.26 2.58 -1.29	36.42 2.26 0.00	33.83 2.42 0.00	32.43 2.04 0.00	31.76 1.99 0.00	31.03 2.30 0.00	31.28 2.54 -0.82	32.64 2.54 -1.59	34.98 2.32 0.00	38.92 3.08 0.00	44.34 3.40 -4.75	49.89 3.17 -10.26	53.50 3.85 -7.30	52.94 3.15 -13.95	41.89 3.18 -4.09	36.24 2.70 -6.24	32.08 1.57 -9.27
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28
GRISSOM___SOLAR 323813	29.93 1.75 0.00	28.41 1.66 0.00	26.92 1.64 0.00	25.67 1.55 0.00	26.62 1.67 0.00	29.64 1.89 0.00	34.65 2.27 0.00	40.76 2.62 -1.76	36.29 2.12 0.00	33.02 1.60 0.00	32.01 1.61 0.00	31.28 1.52 0.00	30.23 1.49 0.00	30.55 1.51 -1.13	32.25 1.57 -2.17	34.56 1.89 0.00	37.92 2.08 0.00	44.93 2.28 -6.45	53.05 2.66 -13.93	55.46 3.22 -9.90	57.57 2.80 -18.93	42.83 2.67 -5.55	37.80 2.02 -8.48	35.36 1.53 -12.60
GROVEVILLE___HYD 323602	29.81 1.63 0.00	28.23 1.47 0.00	26.67 1.39 0.00	25.48 1.35 0.00	26.37 1.42 0.00	29.39 1.64 0.00	34.39 2.01 0.00	39.96 2.29 -1.29	36.25 2.08 0.00	33.33 1.92 0.00	32.28 1.88 0.00	31.58 1.82 0.00	30.69 1.95 0.00	30.67 1.93 -0.83	32.07 1.97 -1.58	34.89 2.22 0.00	38.38 2.54 0.00	43.56 2.64 -4.72	49.25 2.59 -10.21	52.61 3.01 -7.26	52.26 2.54 -13.87	41.07 2.39 -4.07	35.37 1.86 -6.21	31.76 1.30 -9.23
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.78 -0.39 0.00	26.41 -0.35 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.39 -0.36 0.00	32.03 -0.36 0.00	36.11 -0.40 -0.13	33.86 -0.31 0.00	31.20 -0.22 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.52 -0.29 -0.08	27.79 -0.25 -0.12	28.53 -0.23 -0.24	32.70 -0.26 -0.29	36.15 -0.25 -0.56	36.45 -0.25 -0.51	37.33 -0.22 -1.10	43.22 -0.21 -1.09	37.01 -0.29 -1.46	34.74 -0.31 -0.44	27.64 -0.33 -0.67	22.00 -0.19 -0.96

HAMLTNNY_34_KV_TB 80303	27.73 -0.45 0.00	26.38 -0.37 0.00	24.92 -0.35 0.00	23.76 -0.36 0.00	24.60 -0.35 0.00	27.37 -0.39 0.00	30.86 -1.52 0.00	34.94 -1.53 -0.09	32.55 -1.61 0.01	30.29 -1.13 0.00	29.24 -1.16 0.00	28.93 -0.83 0.00	26.01 -1.41 1.32	26.00 -1.31 0.60	26.02 -1.34 1.16	26.21 -1.50 4.95	24.52 -1.68 9.63	34.50 -1.70 -0.01	34.83 -1.64 -0.02	35.31 -1.82 5.21	34.84 -1.61 -0.62	32.93 -1.70 -0.01	25.85 -1.47 -0.03	21.85 -0.72 -1.34
HAMPSHIRE___PAPER_HYD 323593	27.92 -0.25 0.00	26.54 -0.21 0.00	25.10 -0.18 0.00	23.96 -0.17 0.00	24.80 -0.15 0.00	27.62 -0.14 0.00	32.00 -0.39 0.00	35.88 -0.54 -0.04	33.35 -0.82 0.00	30.41 -1.01 0.00	29.30 -1.09 0.00	28.66 -1.10 0.00	27.64 -1.09 0.00	26.82 -1.12 -0.02	27.42 -1.14 -0.05	31.43 -1.24 0.00	34.48 -1.36 0.00	35.00 -1.34 -0.14	35.63 -1.13 -0.31	41.33 -1.23 -0.22	35.25 -1.00 -0.42	33.73 -1.00 -0.12	26.72 -0.76 -0.19	20.83 -0.68 -0.28
HARDSCRABBLE_WT_PWR 323673	28.21 0.03 0.00	26.76 0.00 0.00	25.23 -0.05 0.00	24.00 -0.12 0.00	24.78 -0.17 0.00	27.45 -0.30 0.00	31.38 -1.00 0.00	35.08 -1.31 0.00	32.90 -1.26 0.00	30.29 -1.13 0.00	29.49 -0.91 0.00	28.90 -0.86 0.00	27.90 -0.83 0.00	27.08 -0.84 0.00	27.58 -0.94 0.00	31.59 -1.08 0.00	34.55 -1.29 0.00	34.86 -1.34 0.00	35.10 -1.35 0.00	40.82 -1.52 0.00	34.51 -1.33 0.00	33.47 -1.14 0.00	26.42 -0.87 0.00	20.62 -0.62 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.61 1.44 0.00	28.04 1.28 0.00	26.46 1.19 0.00	25.28 1.16 0.00	26.17 1.22 0.00	29.17 1.42 0.00	34.16 1.78 0.00	39.58 2.00 -1.20	36.01 1.85 0.00	33.14 1.73 0.00	32.10 1.70 0.00	31.37 1.61 0.00	30.49 1.75 0.00	30.42 1.73 -0.77	31.76 1.77 -1.48	34.66 1.99 0.00	38.13 2.29 0.00	42.95 2.35 -4.40	48.29 2.33 -9.51	51.81 2.71 -6.76	51.02 2.26 -12.92	40.51 2.11 -3.79	34.72 1.64 -5.79	30.96 1.13 -8.60
HARSNRAD_115KV_TB1 81005	25.08 -3.10 0.00	24.08 -2.68 0.00	22.67 -2.60 0.00	21.52 -2.61 0.00	22.31 -2.64 0.00	24.59 -3.16 0.00	28.30 -4.08 0.00	32.07 -4.40 -0.09	30.37 -3.79 0.01	28.34 -3.08 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	23.99 -3.45 1.30	23.99 -3.32 0.60	24.02 -3.36 1.13	24.25 -3.56 4.86	22.57 -3.91 9.36	32.00 -4.20 0.00	32.26 -4.19 -0.01	32.84 -4.45 5.05	32.17 -4.26 -0.59	30.64 -3.98 -0.01	24.17 -3.14 -0.02	20.87 -1.93 -1.57
HARZA MOOSE___RIVER 24016	28.46 0.28 0.00	27.05 0.29 0.00	25.58 0.30 0.00	24.39 0.27 0.00	25.30 0.35 0.00	28.17 0.42 0.00	32.80 0.42 0.00	36.83 0.40 -0.05	34.37 0.21 0.00	31.35 -0.06 0.00	30.18 -0.21 0.00	29.56 -0.21 0.00	28.51 -0.23 0.00	27.70 -0.25 -0.03	28.38 -0.20 -0.06	32.50 -0.16 0.00	35.77 -0.07 0.00	36.41 0.04 -0.17	37.05 0.22 -0.38	42.95 0.34 -0.27	36.57 0.22 -0.51	34.87 0.10 -0.15	27.58 0.05 -0.23	21.55 -0.02 -0.34
HDSNBRDG_115KV_BRDG_TB1 355580	27.61 -0.56 0.00	26.25 -0.51 0.00	24.80 -0.48 0.00	23.64 -0.48 0.00	24.48 -0.47 0.00	27.25 -0.50 0.00	31.80 -0.58 0.00	35.88 -0.62 -0.12	33.72 -0.44 0.00	31.04 -0.38 0.00	30.03 -0.36 0.00	29.44 -0.33 0.00	28.33 -0.40 0.00	27.63 -0.36 -0.08	28.32 -0.34 -0.15	32.27 -0.39 0.00	35.41 -0.43 0.00	36.24 -0.40 -0.44	37.00 -0.40 -0.95	42.60 -0.42 -0.68	36.70 -0.43 -1.29	34.54 -0.45 -0.38	27.44 -0.44 -0.58	21.82 -0.28 -0.86
HELLGATE_13_KV_LD 55870	30.50 2.31 -0.01	28.85 2.09 -0.01	27.20 1.92 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.78 3.09 -1.30	37.07 2.90 0.00	34.17 2.67 -0.08	33.06 2.64 -0.02	32.34 2.56 -0.02	31.45 2.67 -0.04	31.40 2.57 -0.92	32.79 2.60 -1.68	35.66 2.91 -0.08	39.26 3.40 -0.02	44.31 3.37 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.75 2.97 -13.94	41.75 3.05 -4.08	36.03 2.48 -6.25	32.28 1.76 -9.28
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.50 2.31 -0.01	28.85 2.09 -0.01	27.20 1.92 -0.01	25.99 1.86 -0.01	26.88 1.92 -0.01	29.95 2.19 -0.01	35.14 2.75 -0.01	40.78 3.09 -1.30	37.07 2.90 0.00	34.17 2.67 -0.08	33.06 2.64 -0.02	32.34 2.56 -0.02	31.45 2.67 -0.04	31.40 2.57 -0.92	32.79 2.60 -1.68	35.66 2.91 -0.08	39.26 3.40 -0.02	44.31 3.37 -4.75	49.91 3.21 -10.25	53.32 3.68 -7.29	52.75 2.97 -13.94	41.75 3.05 -4.08	36.03 2.48 -6.25	32.28 1.76 -9.28
HEMPSTEAD____ 23647	30.21 2.03 0.00	28.41 1.66 0.00	26.87 1.59 0.00	25.57 1.45 0.00	26.53 1.57 0.00	29.50 1.75 0.00	34.81 2.43 0.00	40.26 2.58 -1.29	36.49 2.32 0.00	33.80 2.39 0.00	32.43 2.04 0.00	31.79 2.02 0.00	30.95 2.21 0.00	31.02 2.29 -0.81	32.59 2.51 -1.57	35.47 2.81 0.00	38.85 3.01 0.00	44.20 3.26 -4.75	49.86 3.14 -10.27	53.37 3.73 -7.31	52.83 3.04 -13.95	41.65 2.94 -4.10	36.02 2.48 -6.24	32.08 1.57 -9.28
HEWLETT_69_KV_BK3 55828	30.52 2.34 0.00	28.63 1.87 0.00	27.07 1.79 0.00	25.74 1.62 0.00	26.70 1.75 0.00	29.78 2.03 0.00	35.14 2.75 0.00	40.55 2.87 -1.29	36.73 2.56 0.00	34.11 2.70 0.00	32.71 2.31 0.00	32.02 2.26 0.00	31.26 2.53 0.00	31.56 2.82 -0.82	32.93 2.82 -1.59	35.34 2.68 0.00	39.17 3.33 0.00	44.52 3.58 -4.75	50.18 3.46 -10.27	53.76 4.11 -7.31	53.16 3.37 -13.95	41.97 3.25 -4.10	36.32 2.78 -6.24	32.23 1.72 -9.27
HICKLING___1 23621	27.33 -0.85 0.00	26.03 -0.72 0.00	24.52 -0.76 0.00	23.33 -0.80 0.00	24.13 -0.82 0.00	26.78 -0.97 0.00	31.25 -1.13 0.00	35.05 -1.35 -0.01	32.94 -1.23 0.00	30.41 -1.01 0.00	29.27 -1.12 0.00	28.75 -1.01 0.00	25.66 -1.35 1.73	25.73 -1.28 0.90	25.64 -1.25 1.62	24.93 -1.40 6.34	21.88 -1.51 12.45	34.21 -1.45 0.54	33.98 -1.35 1.12	33.39 -1.48 7.47	33.80 -1.36 0.68	32.84 -1.38 0.39	25.42 -1.20 0.67	22.88 -0.76 -2.42
HICKLING___2 23622	27.33 -0.85 0.00	26.03 -0.72 0.00	24.52 -0.76 0.00	23.33 -0.80 0.00	24.13 -0.82 0.00	26.78 -0.97 0.00	31.25 -1.13 0.00	35.05 -1.35 -0.01	32.94 -1.23 0.00	30.41 -1.01 0.00	29.27 -1.12 0.00	28.75 -1.01 0.00	25.66 -1.35 1.73	25.73 -1.28 0.90	25.64 -1.25 1.62	24.93 -1.40 6.34	21.88 -1.51 12.45	34.21 -1.45 0.54	33.98 -1.35 1.12	33.39 -1.48 7.47	33.80 -1.36 0.68	32.84 -1.38 0.39	25.42 -1.20 0.67	22.88 -0.76 -2.42
HIGH FALLS___HY 23754	29.73 1.55 0.00	28.17 1.42 0.00	26.59 1.31 0.00	25.40 1.28 0.00	26.27 1.32 0.00	29.31 1.55 0.00	34.36 1.98 0.00	39.96 2.29 -1.29	36.15 1.98 0.00	33.21 1.79 0.00	32.16 1.76 0.00	31.43 1.67 0.00	30.52 1.78 0.00	30.52 1.79 -0.82	31.91 1.83 -1.57	34.69 2.03 0.00	38.20 2.37 0.00	43.46 2.57 -4.69	49.10 2.52 -10.13	52.55 3.01 -7.21	52.16 2.54 -13.77	41.04 2.39 -4.04	35.29 1.83 -6.17	31.67 1.27 -9.17
HIGH_RIVER___SOLAR 323847	29.56 1.38 0.00	28.04 1.28 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.22 1.27 0.00	29.22 1.47 0.00	34.13 1.75 0.00	40.05 1.96 -1.70	35.64 1.47 0.00	32.36 0.94 0.00	31.43 1.03 0.00	30.78 1.01 0.00	29.77 1.03 0.00	30.05 1.03 -1.09	31.73 1.11 -2.10	33.97 1.31 0.00	37.38 1.54 0.00	44.22 1.77 -6.25	52.03 2.08 -13.50	54.48 2.54 -9.60	56.37 2.19 -18.34	42.10 2.11 -5.38	37.12 1.61 -8.21	34.67 1.23 -12.21

HILLBURN___GT 23639	29.67 1.49 0.00	28.09 1.34 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.22 1.27 0.00	29.20 1.44 0.00	34.23 1.84 0.00	39.71 2.11 -1.21	36.15 1.98 0.00	33.27 1.85 0.00	32.19 1.79 0.00	31.49 1.73 0.00	30.58 1.84 0.00	30.53 1.84 -0.77	31.87 1.88 -1.48	34.79 2.12 0.00	38.24 2.40 0.00	43.12 2.46 -4.46	48.49 2.41 -9.64	51.99 2.79 -6.85	51.26 2.33 -13.10	40.64 2.18 -3.84	34.86 1.69 -5.86	31.18 1.23 -8.72
HILLSIDE_115KV_TB1 80332	27.14 -1.04 0.00	25.85 -0.91 0.00	24.37 -0.91 0.00	23.18 -0.94 0.00	23.98 -0.97 0.00	26.64 -1.11 0.00	31.06 -1.33 0.00	34.82 -1.60 -0.04	32.77 -1.40 0.00	30.22 -1.19 0.00	29.12 -1.28 0.00	28.60 -1.16 0.00	25.67 -1.44 1.63	25.70 -1.40 0.83	25.64 -1.40 1.48	25.14 -1.57 5.96	22.48 -1.65 11.71	34.21 -1.59 0.39	34.11 -1.53 0.81	33.76 -1.74 6.84	34.00 -1.54 0.30	32.82 -1.52 0.27	25.53 -1.28 0.48	22.86 -0.87 -2.49
HISHELDN_WT_PWR 323625	25.70 -2.48 0.00	24.53 -2.22 0.00	23.08 -2.20 0.00	21.86 -2.27 0.00	22.58 -2.37 0.00	24.92 -2.83 0.00	28.82 -3.56 0.00	32.46 -4.00 -0.08	30.64 -3.52 0.01	28.43 -2.99 0.00	27.33 -3.07 0.00	27.00 -2.77 0.00	24.10 -3.30 1.33	24.10 -3.18 0.63	24.12 -3.22 1.17	24.18 -3.56 4.93	22.34 -3.91 9.59	32.13 -3.98 0.09	32.27 -4.01 0.17	32.61 -4.45 5.29	32.24 -3.98 -0.38	30.83 -3.74 0.05	24.23 -2.97 0.10	20.81 -2.25 -1.82
HOLTSVILLE_IC_1 23690	30.26 2.09 0.00	28.23 1.47 0.00	26.97 1.69 0.00	25.57 1.45 0.00	26.45 1.50 0.00	28.89 1.14 0.00	34.46 2.07 0.00	39.79 2.11 -1.29	35.67 1.50 0.00	32.92 1.51 0.00	31.49 1.09 0.00	31.13 1.37 0.00	30.77 2.04 0.00	30.07 1.34 -0.81	31.48 1.40 -1.57	34.20 1.54 0.00	38.38 2.54 0.00	44.85 3.91 -4.75	50.91 4.19 -10.27	55.57 5.93 -7.30	54.59 4.80 -13.95	42.90 4.19 -4.10	37.03 3.50 -6.24	32.23 1.72 -9.28
HOLTSVILLE_IC_10 23699	30.35 2.17 0.00	28.31 1.55 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.50 1.55 0.00	28.97 1.22 0.00	34.59 2.20 0.00	39.90 2.22 -1.29	35.81 1.64 0.00	33.04 1.63 0.00	31.61 1.22 0.00	31.22 1.46 0.00	30.86 2.13 0.00	30.18 1.45 -0.81	31.59 1.51 -1.57	34.33 1.67 0.00	38.53 2.69 0.00	45.00 4.05 -4.75	51.02 4.30 -10.27	55.70 6.05 -7.30	54.70 4.91 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
HOLTSVILLE_IC_2 23691	30.26 2.09 0.00	28.23 1.47 0.00	26.97 1.69 0.00	25.57 1.45 0.00	26.45 1.50 0.00	28.89 1.14 0.00	34.46 2.07 0.00	39.79 2.11 -1.29	35.67 1.50 0.00	32.92 1.51 0.00	31.49 1.09 0.00	31.13 1.37 0.00	30.77 2.04 0.00	30.07 1.34 -0.81	31.48 1.40 -1.57	34.20 1.54 0.00	38.38 2.54 0.00	44.85 3.91 -4.75	50.91 4.19 -10.27	55.57 5.93 -7.30	54.59 4.80 -13.95	42.90 4.19 -4.10	37.03 3.50 -6.24	32.23 1.72 -9.28
HOLTSVILLE_IC_3 23692	30.26 2.09 0.00	28.23 1.47 0.00	26.97 1.69 0.00	25.57 1.45 0.00	26.45 1.50 0.00	28.89 1.14 0.00	34.46 2.07 0.00	39.79 2.11 -1.29	35.67 1.50 0.00	32.92 1.51 0.00	31.49 1.09 0.00	31.13 1.37 0.00	30.77 2.04 0.00	30.07 1.34 -0.81	31.48 1.40 -1.57	34.20 1.54 0.00	38.38 2.54 0.00	44.85 3.91 -4.75	50.91 4.19 -10.27	55.57 5.93 -7.30	54.59 4.80 -13.95	42.90 4.19 -4.10	37.03 3.50 -6.24	32.23 1.72 -9.28
HOLTSVILLE_IC_4 23693	30.26 2.09 0.00	28.23 1.47 0.00	26.97 1.69 0.00	25.57 1.45 0.00	26.45 1.50 0.00	28.89 1.14 0.00	34.46 2.07 0.00	39.79 2.11 -1.29	35.67 1.50 0.00	32.92 1.51 0.00	31.49 1.09 0.00	31.13 1.37 0.00	30.77 2.04 0.00	30.07 1.34 -0.81	31.48 1.40 -1.57	34.20 1.54 0.00	38.38 2.54 0.00	44.85 3.91 -4.75	50.91 4.19 -10.27	55.57 5.93 -7.30	54.59 4.80 -13.95	42.90 4.19 -4.10	37.03 3.50 -6.24	32.23 1.72 -9.28
HOLTSVILLE_IC_5 23694	30.26 2.09 0.00	28.23 1.47 0.00	26.97 1.69 0.00	25.57 1.45 0.00	26.45 1.50 0.00	28.89 1.14 0.00	34.46 2.07 0.00	39.79 2.11 -1.29	35.67 1.50 0.00	32.92 1.51 0.00	31.49 1.09 0.00	31.13 1.37 0.00	30.77 2.04 0.00	30.07 1.34 -0.81	31.48 1.40 -1.57	34.20 1.54 0.00	38.38 2.54 0.00	44.85 3.91 -4.75	50.91 4.19 -10.27	55.57 5.93 -7.30	54.59 4.80 -13.95	42.90 4.19 -4.10	37.03 3.50 -6.24	32.23 1.72 -9.28
HOLTSVILLE_IC_6 23695	30.35 2.17 0.00	28.31 1.55 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.50 1.55 0.00	28.97 1.22 0.00	34.59 2.20 0.00	39.90 2.22 -1.29	35.81 1.64 0.00	33.04 1.63 0.00	31.61 1.22 0.00	31.22 1.46 0.00	30.86 2.13 0.00	30.18 1.45 -0.81	31.59 1.51 -1.57	34.33 1.67 0.00	38.53 2.69 0.00	45.00 4.05 -4.75	51.02 4.30 -10.27	55.70 6.05 -7.30	54.70 4.91 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
HOLTSVILLE_IC_7 23696	30.35 2.17 0.00	28.31 1.55 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.50 1.55 0.00	28.97 1.22 0.00	34.59 2.20 0.00	39.90 2.22 -1.29	35.81 1.64 0.00	33.04 1.63 0.00	31.61 1.22 0.00	31.22 1.46 0.00	30.86 2.13 0.00	30.18 1.45 -0.81	31.59 1.51 -1.57	34.33 1.67 0.00	38.53 2.69 0.00	45.00 4.05 -4.75	51.02 4.30 -10.27	55.70 6.05 -7.30	54.70 4.91 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
HOLTSVILLE_IC_8 23697	30.35 2.17 0.00	28.31 1.55 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.50 1.55 0.00	28.97 1.22 0.00	34.59 2.20 0.00	39.90 2.22 -1.29	35.81 1.64 0.00	33.04 1.63 0.00	31.61 1.22 0.00	31.22 1.46 0.00	30.86 2.13 0.00	30.18 1.45 -0.81	31.59 1.51 -1.57	34.33 1.67 0.00	38.53 2.69 0.00	45.00 4.05 -4.75	51.02 4.30 -10.27	55.70 6.05 -7.30	54.70 4.91 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
HOLTSVILLE_IC_9 23698	30.35 2.17 0.00	28.31 1.55 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.50 1.55 0.00	28.97 1.22 0.00	34.59 2.20 0.00	39.90 2.22 -1.29	35.81 1.64 0.00	33.04 1.63 0.00	31.61 1.22 0.00	31.22 1.46 0.00	30.86 2.13 0.00	30.18 1.45 -0.81	31.59 1.51 -1.57	34.33 1.67 0.00	38.53 2.69 0.00	45.00 4.05 -4.75	51.02 4.30 -10.27	55.70 6.05 -7.30	54.70 4.91 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
HOMER_HL_115KV_TB2 355744	25.84 -2.34 0.00	24.72 -2.03 0.00	23.25 -2.02 0.00	22.05 -2.07 0.00	22.86 -2.10 0.00	25.26 -2.50 0.00	29.24 -3.14 0.00	32.76 -3.71 -0.09	30.99 -3.18 0.01	28.75 -2.67 0.00	27.60 -2.80 0.00	27.29 -2.47 0.00	24.47 -2.93 1.33	24.30 -2.99 0.63	24.31 -3.05 1.16	24.30 -3.43 4.94	22.61 -3.62 9.60	32.45 -3.69 0.06	32.73 -3.61 0.11	32.60 -4.49 5.25	32.59 -3.73 -0.48	31.06 -3.53 0.02	24.46 -2.78 0.05	20.93 -2.19 -1.88
HOWARD_WT_PWR 323690	26.71 -1.47 0.00	25.36 -1.39 0.00	23.84 -1.44 0.00	22.56 -1.57 0.00	23.23 -1.72 0.00	25.64 -2.11 0.00	29.82 -2.56 0.00	33.32 -3.02 0.04	31.26 -2.90 0.00	28.78 -2.64 0.00	27.63 -2.77 0.00	27.11 -2.65 0.00	23.94 -3.07 1.72	24.06 -2.93 0.93	23.93 -2.91 1.68	23.05 -3.30 6.32	19.80 -3.62 12.42	31.97 -3.51 0.72	31.51 -3.43 1.51	30.90 -3.73 7.72	31.37 -3.26 1.20	30.95 -3.12 0.55	23.80 -2.59 0.91	21.61 -1.68 -2.06

HQ_GEN_CEDARS 23644	28.37 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.32 0.19 0.00	25.13 0.17 0.00	27.89 0.14 0.00	32.51 0.13 0.00	36.38 0.00 0.00	33.96 -0.21 0.00	31.20 -0.22 0.00	30.22 -0.18 0.00	29.56 -0.21 0.00	28.51 -0.23 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.31 -0.36 0.00	35.26 -0.57 0.00	35.54 -0.65 0.00	35.76 -0.69 0.00	41.50 -0.85 0.00	35.34 -0.50 0.00	34.20 -0.42 0.00	27.11 -0.19 0.00	21.08 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	28.38 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.32 0.19 0.00	25.13 0.18 0.00	27.92 0.17 0.00	32.51 0.13 0.00	36.38 0.00 0.00	33.96 -0.20 0.00	31.20 -0.22 0.00	30.22 -0.18 0.00	29.56 -0.21 0.00	28.50 -0.23 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.34 -0.33 0.00	35.26 -0.57 0.00	35.51 -0.69 0.00	35.76 -0.69 0.00	41.50 -0.85 0.00	35.34 -0.50 0.00	34.20 -0.41 0.00	27.11 -0.19 0.00	21.04 -0.19 0.00
HQ_GEN_IMPORT 323601	28.12 -0.06 0.00	26.70 -0.05 0.00	25.23 -0.05 0.00	24.10 -0.02 0.00	24.88 -0.07 0.00	27.67 -0.08 0.00	32.22 -0.16 0.00	36.20 -0.18 0.00	33.93 -0.24 0.00	31.16 -0.25 0.00	30.19 -0.21 0.00	29.56 -0.21 0.00	28.50 -0.23 0.00	27.67 -0.25 0.00	28.23 -0.29 0.00	32.37 -0.29 0.00	35.41 -0.43 0.00	35.72 -0.47 0.00	35.98 -0.47 0.00	41.75 -0.59 0.00	35.44 -0.39 0.00	34.27 -0.35 0.00	27.08 -0.22 0.00	21.04 -0.19 0.00
HQ_GEN_WHEEL 23651	28.12 -0.06 0.00	26.70 -0.05 0.00	25.23 -0.05 0.00	24.10 -0.02 0.00	24.88 -0.07 0.00	27.67 -0.08 0.00	32.22 -0.16 0.00	36.20 -0.18 0.00	33.93 -0.24 0.00	31.16 -0.25 0.00	30.19 -0.21 0.00	29.56 -0.21 0.00	28.50 -0.23 0.00	27.67 -0.25 0.00	28.23 -0.29 0.00	32.37 -0.29 0.00	35.41 -0.43 0.00	35.72 -0.47 0.00	35.98 -0.47 0.00	41.75 -0.59 0.00	35.44 -0.39 0.00	34.27 -0.35 0.00	27.08 -0.22 0.00	21.04 -0.19 0.00
HUDSON AVE_GT_3 23810	30.29 2.11 0.00	28.65 1.90 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.75 2.00 0.00	34.91 2.53 0.00	40.55 2.87 -1.29	36.90 2.73 0.00	34.06 2.58 -0.07	32.87 2.46 -0.01	32.19 2.41 -0.01	31.30 2.53 -0.04	31.30 2.48 -0.90	32.72 2.54 -1.66	35.58 2.84 -0.07	39.04 3.19 -0.01	44.20 3.26 -4.75	49.88 3.17 -10.25	53.27 3.64 -7.29	52.75 2.97 -13.93	41.57 2.87 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
HUDSON AVE_GT_4 23540	30.29 2.11 0.00	28.65 1.90 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.75 2.00 0.00	34.91 2.53 0.00	40.55 2.87 -1.29	36.90 2.73 0.00	34.06 2.58 -0.07	32.87 2.46 -0.01	32.19 2.41 -0.01	31.30 2.53 -0.04	31.30 2.48 -0.90	32.72 2.54 -1.66	35.58 2.84 -0.07	39.04 3.19 -0.01	44.20 3.26 -4.75	49.88 3.17 -10.25	53.27 3.64 -7.29	52.75 2.97 -13.93	41.57 2.87 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
HUDSON AVE_GT_5 23657	30.29 2.11 0.00	28.65 1.90 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.75 2.00 0.00	34.91 2.53 0.00	40.55 2.87 -1.29	36.90 2.73 0.00	34.06 2.58 -0.07	32.87 2.46 -0.01	32.19 2.41 -0.01	31.30 2.53 -0.04	31.30 2.48 -0.90	32.72 2.54 -1.66	35.58 2.84 -0.07	39.04 3.19 -0.01	44.20 3.26 -4.75	49.88 3.17 -10.25	53.27 3.64 -7.29	52.75 2.97 -13.93	41.57 2.87 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
HUDSON_AVE_10 24168	30.32 2.14 0.00	28.65 1.90 0.00	27.05 1.77 0.00	25.84 1.71 0.00	26.72 1.77 0.00	29.78 2.03 0.00	34.94 2.56 0.00	40.59 2.91 -1.29	36.97 2.80 0.00	34.12 2.64 -0.07	32.93 2.52 -0.01	32.22 2.44 -0.01	31.33 2.56 -0.04	31.33 2.51 -0.90	32.75 2.57 -1.66	35.61 2.87 -0.07	39.08 3.23 -0.01	44.23 3.29 -4.75	49.88 3.17 -10.25	53.32 3.68 -7.29	52.78 3.01 -13.93	41.61 2.91 -4.08	35.89 2.35 -6.24	32.16 1.66 -9.27
HUDSON___115KV_TB 4 355613	29.16 0.99 0.00	27.69 0.94 0.00	26.21 0.94 0.00	25.02 0.89 0.00	25.93 0.97 0.00	28.92 1.17 0.00	33.74 1.36 0.00	39.15 1.24 -1.53	35.50 1.33 0.00	32.80 1.38 0.00	31.64 1.25 0.00	30.86 1.10 0.00	29.91 1.18 0.00	29.63 0.75 -0.96	31.19 0.83 -1.84	34.23 1.57 0.00	37.67 1.83 0.00	43.06 1.38 -5.49	49.89 1.57 -11.87	52.35 1.57 -8.44	53.33 1.36 -16.13	40.59 1.25 -4.73	35.50 0.98 -7.22	32.67 0.70 -10.73
HUNTER MOUNT___DRP 323613	29.16 0.99 0.00	27.72 0.96 0.00	26.24 0.96 0.00	25.04 0.92 0.00	25.95 1.00 0.00	29.00 1.25 0.00	33.84 1.46 0.00	38.93 1.06 -1.50	35.50 1.33 0.00	32.67 1.26 0.00	31.55 1.16 0.00	30.78 1.01 0.00	29.83 1.09 0.00	29.45 0.59 -0.95	30.99 0.66 -1.82	34.14 1.47 0.00	37.52 1.68 0.00	42.73 1.12 -5.42	49.46 1.31 -11.70	51.97 1.31 -8.32	52.96 1.22 -15.90	40.31 1.04 -4.66	35.24 0.82 -7.12	32.39 0.57 -10.58
HUNTINGTON_RES_REC 323705	30.26 2.09 0.00	28.33 1.58 0.00	26.90 1.62 0.00	25.55 1.42 0.00	26.53 1.57 0.00	29.28 1.53 0.00	34.78 2.40 0.00	40.15 2.48 -1.29	36.22 2.05 0.00	33.52 2.11 0.00	32.07 1.67 0.00	31.55 1.79 0.00	30.92 2.18 0.00	30.68 1.95 -0.81	32.25 2.17 -1.57	35.08 2.42 0.00	38.81 2.97 0.00	44.71 3.76 -4.75	50.29 3.57 -10.27	54.34 4.70 -7.30	53.58 3.80 -13.95	42.34 3.63 -4.10	36.60 3.06 -6.24	32.21 1.70 -9.28
HUNTLEY___63 23557	25.25 -2.93 0.00	24.24 -2.51 0.00	22.82 -2.45 0.00	21.64 -2.48 0.00	22.46 -2.50 0.00	24.73 -3.03 0.00	28.50 -3.89 0.00	32.33 -4.15 -0.09	30.64 -3.52 0.01	28.59 -2.83 0.00	27.48 -2.92 0.00	27.26 -2.50 0.00	24.22 -3.22 1.30	24.19 -3.13 0.60	24.25 -3.14 1.13	24.33 -3.50 4.84	22.65 -3.83 9.36	32.25 -3.95 0.00	32.49 -3.97 -0.01	32.85 -4.45 5.05	32.35 -4.09 -0.60	30.82 -3.81 -0.01	24.34 -2.98 -0.02	20.99 -1.85 -1.61
HUNTLEY___64 23558	25.25 -2.93 0.00	24.24 -2.51 0.00	22.82 -2.45 0.00	21.64 -2.48 0.00	22.46 -2.50 0.00	24.73 -3.03 0.00	28.50 -3.89 0.00	32.33 -4.15 -0.09	30.64 -3.52 0.01	28.59 -2.83 0.00	27.48 -2.92 0.00	27.26 -2.50 0.00	24.22 -3.22 1.30	24.19 -3.13 0.60	24.25 -3.14 1.13	24.33 -3.50 4.84	22.65 -3.83 9.36	32.25 -3.95 0.00	32.49 -3.97 -0.01	32.85 -4.45 5.05	32.35 -4.09 -0.60	30.82 -3.81 -0.01	24.34 -2.98 -0.02	20.99 -1.85 -1.61
HUNTLEY___65 23559	25.25 -2.93 0.00	24.24 -2.51 0.00	22.82 -2.45 0.00	21.64 -2.48 0.00	22.46 -2.50 0.00	24.73 -3.03 0.00	28.50 -3.89 0.00	32.33 -4.15 -0.09	30.64 -3.52 0.01	28.59 -2.83 0.00	27.48 -2.92 0.00	27.26 -2.50 0.00	24.22 -3.22 1.30	24.19 -3.13 0.60	24.25 -3.14 1.13	24.33 -3.50 4.84	22.65 -3.83 9.36	32.25 -3.95 0.00	32.49 -3.97 -0.01	32.85 -4.45 5.05	32.35 -4.09 -0.60	30.82 -3.81 -0.01	24.34 -2.98 -0.02	20.99 -1.85 -1.61
HUNTLEY___66 23560	25.25 -2.93 0.00	24.24 -2.51 0.00	22.82 -2.45 0.00	21.64 -2.48 0.00	22.46 -2.50 0.00	24.73 -3.03 0.00	28.50 -3.89 0.00	32.33 -4.15 -0.09	30.64 -3.52 0.01	28.59 -2.83 0.00	27.48 -2.92 0.00	27.26 -2.50 0.00	24.22 -3.22 1.30	24.19 -3.13 0.60	24.25 -3.14 1.13	24.33 -3.50 4.84	22.65 -3.83 9.36	32.25 -3.95 0.00	32.49 -3.97 -0.01	32.85 -4.45 5.05	32.35 -4.09 -0.60	30.82 -3.81 -0.01	24.34 -2.98 -0.02	20.99 -1.85 -1.61

HUNTLEY___67 23561	25.22 -2.96 0.00	24.21 -2.54 0.00	22.77 -2.50 0.00	21.62 -2.51 0.00	22.41 -2.55 0.00	24.70 -3.05 0.00	28.47 -3.92 0.00	32.22 -4.26 -0.09	30.54 -3.62 0.01	28.49 -2.92 0.00	27.39 -3.01 0.00	27.17 -2.59 0.00	24.14 -3.30 1.29	24.11 -3.21 0.60	24.17 -3.22 1.12	24.21 -3.63 4.83	22.51 -3.98 9.35	32.18 -4.02 0.00	32.42 -4.05 -0.01	32.64 -4.66 5.04	32.29 -4.16 -0.61	30.75 -3.88 -0.02	24.26 -3.06 -0.02	20.94 -1.91 -1.62
HUNTLEY___68 23562	25.22 -2.96 0.00	24.21 -2.54 0.00	22.77 -2.50 0.00	21.62 -2.51 0.00	22.41 -2.55 0.00	24.70 -3.05 0.00	28.47 -3.92 0.00	32.22 -4.26 -0.09	30.54 -3.62 0.01	28.49 -2.92 0.00	27.39 -3.01 0.00	27.17 -2.59 0.00	24.14 -3.30 1.29	24.11 -3.21 0.60	24.17 -3.22 1.12	24.21 -3.63 4.83	22.51 -3.98 9.35	32.18 -4.02 0.00	32.42 -4.05 -0.01	32.64 -4.66 5.04	32.29 -4.16 -0.61	30.75 -3.88 -0.02	24.26 -3.06 -0.02	20.94 -1.91 -1.62
HYLAND___LFGE 323620	27.44 -0.73 0.00	26.14 -0.61 0.00	24.67 -0.61 0.00	23.40 -0.72 0.00	24.28 -0.67 0.00	26.98 -0.78 0.00	31.32 -1.07 0.00	35.13 -1.31 -0.05	32.35 -1.81 0.00	29.66 -1.76 0.00	28.27 -2.13 0.00	27.77 -1.99 0.00	24.79 -2.59 1.36	24.76 -2.48 0.67	24.86 -2.42 1.24	24.94 -2.68 5.05	23.21 -2.76 9.87	33.67 -2.32 0.21	34.38 -1.64 0.43	35.41 -1.31 5.62	34.89 -1.00 -0.06	33.25 -1.21 0.15	25.87 -1.17 0.25	22.14 -0.85 -1.76
INDECK___CORINTH 23802	29.56 1.38 0.00	28.01 1.26 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.37 1.42 0.00	29.39 1.64 0.00	34.36 1.98 0.00	40.43 2.44 -1.61	36.39 2.22 0.00	33.21 1.79 0.00	32.10 1.70 0.00	31.31 1.55 0.00	30.26 1.52 0.00	30.49 1.53 -1.03	32.13 1.62 -1.98	33.65 0.98 0.00	36.95 1.11 0.00	43.09 0.98 -5.92	50.37 1.13 -12.79	52.75 1.31 -9.09	54.39 1.18 -17.37	40.74 1.04 -5.09	35.92 0.85 -7.78	34.00 1.21 -11.56
INDECK___ILION 23567	28.29 0.11 0.00	26.86 0.11 0.00	25.35 0.08 0.00	24.17 0.05 0.00	24.98 0.02 0.00	27.75 0.00 0.00	32.09 -0.29 0.00	35.95 -0.44 0.00	33.72 -0.44 0.00	31.04 -0.38 0.00	30.09 -0.30 0.00	29.47 -0.30 0.00	28.48 -0.26 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.31 -0.36 0.00	35.44 -0.39 0.00	35.76 -0.43 0.00	36.05 -0.40 0.00	41.88 -0.47 0.00	35.41 -0.43 0.00	34.23 -0.38 0.00	27.03 -0.27 0.00	21.02 -0.21 0.00
INDECK___OLEAN 23982	25.87 -2.31 0.00	24.72 -2.03 0.00	23.25 -2.02 0.00	22.05 -2.07 0.00	22.86 -2.10 0.00	25.26 -2.50 0.00	29.24 -3.14 0.00	32.76 -3.71 -0.09	30.99 -3.18 0.01	28.75 -2.67 0.00	27.60 -2.80 0.00	27.29 -2.47 0.00	24.45 -2.96 1.33	24.33 -2.96 0.63	24.33 -3.02 1.16	24.31 -3.43 4.93	22.63 -3.62 9.59	32.48 -3.65 0.06	32.66 -3.68 0.11	32.61 -3.61 5.24	32.59 -3.73 -0.48	31.10 -3.49 0.02	24.46 -2.78 0.05	20.72 -2.40 -1.88
INDECK___OSWEGO 23783	27.36 -0.82 0.00	26.01 -0.75 0.00	24.57 -0.71 0.00	23.42 -0.70 0.00	24.25 -0.70 0.00	27.01 -0.75 0.00	31.51 -0.87 0.00	35.50 -0.98 -0.10	33.32 -0.85 0.00	30.63 -0.78 0.00	29.61 -0.79 0.00	29.02 -0.74 0.00	27.96 -0.77 0.00	27.25 -0.73 -0.06	27.90 -0.74 -0.12	31.82 -0.85 0.00	34.94 -0.89 0.00	35.70 -0.87 -0.37	36.41 -0.84 -0.80	42.02 -0.89 -0.57	36.10 -0.82 -1.09	34.10 -0.83 -0.32	27.08 -0.71 -0.49	21.45 -0.51 -0.72
INDECK___YERKES 23781	25.33 -2.84 0.00	24.27 -2.49 0.00	22.83 -2.45 0.00	21.66 -2.46 0.00	22.48 -2.47 0.00	24.76 -3.00 0.00	28.53 -3.85 0.00	32.36 -4.11 -0.09	30.67 -3.49 0.01	28.62 -2.80 0.00	27.51 -2.89 0.00	27.29 -2.47 0.00	24.28 -3.16 1.30	24.25 -3.07 0.60	24.28 -3.11 1.13	24.36 -3.46 4.84	22.73 -3.76 9.35	32.32 -3.87 0.00	32.49 -3.97 -0.01	32.89 -4.40 5.04	32.39 -4.05 -0.60	30.89 -3.74 -0.01	24.37 -2.95 -0.02	20.59 -2.25 -1.61
INDIAN POINT_GT_1 24139	29.90 1.72 0.00	28.28 1.53 0.00	26.72 1.44 0.00	25.50 1.38 0.00	26.40 1.45 0.00	29.39 1.64 0.00	34.42 2.04 0.00	40.04 2.36 -1.29	36.36 2.19 0.00	33.46 2.04 0.00	32.40 2.01 0.00	31.67 1.90 0.00	30.81 2.07 0.00	30.76 2.01 -0.83	32.16 2.05 -1.59	34.99 2.32 0.00	38.49 2.65 0.00	43.64 2.71 -4.73	49.33 2.66 -10.21	52.65 3.05 -7.26	52.23 2.51 -13.88	41.11 2.42 -4.07	35.40 1.88 -6.22	31.79 1.32 -9.24
INDIAN POINT_GT_2 23659	29.90 1.72 0.00	28.28 1.53 0.00	26.72 1.44 0.00	25.50 1.38 0.00	26.40 1.45 0.00	29.39 1.64 0.00	34.42 2.04 0.00	40.04 2.36 -1.29	36.36 2.19 0.00	33.46 2.04 0.00	32.40 2.01 0.00	31.67 1.90 0.00	30.81 2.07 0.00	30.76 2.01 -0.83	32.16 2.05 -1.59	34.99 2.32 0.00	38.49 2.65 0.00	43.64 2.71 -4.73	49.33 2.66 -10.21	52.65 3.05 -7.26	52.23 2.51 -13.88	41.11 2.42 -4.07	35.40 1.88 -6.22	31.79 1.32 -9.24
INDIAN POINT_GT_3 24019	29.90 1.72 0.00	28.28 1.53 0.00	26.72 1.44 0.00	25.50 1.38 0.00	26.40 1.45 0.00	29.39 1.64 0.00	34.42 2.04 0.00	40.04 2.36 -1.29	36.36 2.19 0.00	33.46 2.04 0.00	32.40 2.01 0.00	31.67 1.90 0.00	30.81 2.07 0.00	30.76 2.01 -0.83	32.16 2.05 -1.59	34.99 2.32 0.00	38.49 2.65 0.00	43.64 2.71 -4.73	49.33 2.66 -10.21	52.65 3.05 -7.26	52.23 2.51 -13.88	41.11 2.42 -4.07	35.40 1.88 -6.22	31.79 1.32 -9.24
INDIAN POINT___2 23530	29.98 1.80 0.00	28.39 1.63 0.00	26.79 1.52 0.00	25.60 1.47 0.00	26.47 1.52 0.00	29.48 1.72 0.00	34.59 2.20 0.00	40.18 2.51 -1.29	36.52 2.36 0.00	33.65 2.23 0.00	32.56 2.16 0.00	31.85 2.08 0.00	30.92 2.18 0.00	30.89 2.15 -0.82	32.29 2.20 -1.57	35.15 2.48 0.00	38.64 2.80 0.00	43.80 2.86 -4.75	49.51 2.81 -10.25	52.89 3.26 -7.29	52.42 2.65 -13.93	41.26 2.56 -4.08	35.56 2.02 -6.24	31.97 1.46 -9.27
INDIAN POINT___3 23531	29.78 1.61 0.00	28.20 1.44 0.00	26.62 1.34 0.00	25.43 1.30 0.00	26.30 1.35 0.00	29.28 1.53 0.00	34.33 1.94 0.00	39.87 2.22 -1.27	36.25 2.08 0.00	33.37 1.95 0.00	32.28 1.88 0.00	31.58 1.82 0.00	30.69 1.95 0.00	30.63 1.90 -0.82	32.02 1.94 -1.57	34.86 2.19 0.00	38.35 2.51 0.00	43.40 2.53 -4.67	49.01 2.48 -10.08	52.39 2.88 -7.17	51.91 2.37 -13.70	40.92 2.28 -4.02	35.24 1.80 -6.14	31.61 1.25 -9.12
INGHAM_C_115KV_TB7 356103	28.15 -0.03 0.00	26.70 -0.05 0.00	25.18 -0.10 0.00	23.96 -0.17 0.00	24.73 -0.22 0.00	27.42 -0.33 0.00	31.38 -1.00 0.00	35.07 -1.31 0.00	32.90 -1.26 0.00	30.29 -1.13 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.87 -0.86 0.00	27.08 -0.84 0.00	27.58 -0.94 0.00	31.59 -1.08 0.00	34.55 -1.29 0.00	34.86 -1.34 0.00	35.10 -1.35 0.00	40.82 -1.52 0.00	34.51 -1.33 0.00	33.47 -1.14 0.00	26.45 -0.85 0.00	20.60 -0.64 0.00
IP CORINTH___1 23988	29.56 1.38 0.00	28.01 1.26 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.37 1.42 0.00	29.39 1.64 0.00	34.36 1.98 0.00	40.43 2.44 -1.61	36.39 2.22 0.00	33.21 1.79 0.00	32.10 1.70 0.00	31.31 1.55 0.00	30.26 1.52 0.00	30.49 1.54 -1.03	32.13 1.63 -1.98	34.79 2.12 0.00	37.13 1.29 0.00	43.27 1.16 -5.91	50.58 1.35 -12.78	52.96 1.52 -9.09	54.58 1.36 -17.38	40.92 1.21 -5.09	36.06 0.98 -7.78	33.46 0.66 -11.57

IP___TICONDEROGA 23804	30.23 2.06 0.00	28.65 1.90 0.00	27.20 1.92 0.00	25.93 1.81 0.00	27.05 2.10 0.00	30.20 2.44 0.00	35.27 2.88 0.00	41.48 3.49 -1.61	37.31 3.14 0.00	33.93 2.51 0.00	32.80 2.40 0.00	31.91 2.14 0.00	30.80 2.07 0.00	31.01 2.07 -1.03	32.72 2.22 -1.98	35.64 2.97 0.00	38.20 2.37 0.00	44.27 2.17 -5.90	51.72 2.52 -12.76	54.35 2.92 -9.08	55.85 2.65 -17.36	42.02 2.32 -5.09	36.90 1.83 -7.77	34.06 1.27 -11.55
ISLIP_RES_REC 323679	30.43 2.26 0.00	28.39 1.63 0.00	27.10 1.82 0.00	25.69 1.57 0.00	26.57 1.62 0.00	29.06 1.30 0.00	34.68 2.30 0.00	40.04 2.36 -1.29	35.91 1.74 0.00	33.14 1.73 0.00	31.70 1.31 0.00	31.34 1.58 0.00	30.95 2.21 0.00	30.29 1.56 -0.81	31.71 1.62 -1.57	34.46 1.80 0.00	38.67 2.83 0.00	45.10 4.16 -4.75	51.16 4.45 -10.27	55.87 6.23 -7.30	54.84 5.05 -13.95	43.14 4.43 -4.10	37.20 3.66 -6.24	32.36 1.85 -9.28
JAMAICA__27_KV_LOAD 355505	30.52 2.34 0.00	28.82 2.06 0.00	27.17 1.90 0.00	25.96 1.83 0.00	26.85 1.90 0.00	29.95 2.19 0.00	35.20 2.82 0.00	40.84 3.17 -1.29	37.28 3.11 0.00	34.44 2.95 -0.07	33.15 2.74 -0.01	32.43 2.65 -0.01	31.53 2.76 -0.04	31.56 2.74 -0.90	32.98 2.79 -1.66	35.87 3.14 -0.07	39.29 3.44 -0.01	44.45 3.51 -4.75	50.13 3.43 -10.25	53.61 3.98 -7.29	53.03 3.26 -13.93	41.78 3.08 -4.08	36.10 2.57 -6.24	32.31 1.80 -9.27
JANIS___SOLAR 323808	28.91 0.73 0.00	27.53 0.78 0.00	26.01 0.73 0.00	24.78 0.65 0.00	25.70 0.75 0.00	28.64 0.89 0.00	33.65 1.26 0.00	38.37 1.35 -0.64	35.16 0.99 0.00	32.11 0.69 0.00	30.82 0.43 0.00	30.15 0.39 0.00	30.37 0.12 -1.52	29.20 0.08 -1.20	30.88 0.14 -2.22	38.53 0.29 -5.57	47.41 0.61 -10.97	39.92 0.87 -2.86	43.71 1.13 -6.13	54.06 1.48 -10.23	44.50 1.07 -7.59	37.91 0.90 -2.40	31.57 0.55 -3.72	24.14 0.38 -2.52
JARVIS____ 23743	28.32 0.14 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.25 0.12 0.00	25.08 0.13 0.00	27.89 0.14 0.00	32.58 0.20 0.00	36.53 0.15 0.00	34.31 0.14 0.00	31.51 0.09 0.00	30.49 0.09 0.00	29.85 0.09 0.00	28.85 0.12 0.00	28.03 0.11 0.00	28.63 0.11 0.00	32.80 0.13 0.00	36.02 0.18 0.00	36.38 0.18 0.00	36.63 0.18 0.00	42.55 0.21 0.00	36.02 0.18 0.00	34.75 0.14 0.00	27.41 0.11 0.00	21.32 0.09 0.00
JENNISON___1 23625	29.11 0.93 0.00	27.69 0.94 0.00	26.16 0.88 0.00	24.94 0.82 0.00	25.88 0.92 0.00	28.84 1.08 0.00	33.81 1.42 0.00	38.49 1.60 -0.50	35.54 1.37 0.00	32.55 1.13 0.00	31.34 0.94 0.00	30.72 0.95 0.00	29.77 0.75 -0.29	29.09 0.70 -0.47	30.21 0.80 -0.89	34.71 0.98 -1.06	39.14 1.22 -2.09	39.48 1.34 -1.95	42.14 1.49 -4.20	48.22 1.78 -4.10	42.73 1.33 -5.56	37.45 1.18 -1.66	30.64 0.79 -2.55	25.05 0.59 -3.22
JENNISON___2 23626	29.11 0.93 0.00	27.69 0.94 0.00	26.16 0.88 0.00	24.94 0.82 0.00	25.88 0.92 0.00	28.84 1.08 0.00	33.81 1.42 0.00	38.49 1.60 -0.50	35.54 1.37 0.00	32.55 1.13 0.00	31.34 0.94 0.00	30.72 0.95 0.00	29.77 0.75 -0.29	29.09 0.70 -0.47	30.21 0.80 -0.89	34.71 0.98 -1.06	39.14 1.22 -2.09	39.48 1.34 -1.95	42.14 1.49 -4.20	48.22 1.78 -4.10	42.73 1.33 -5.56	37.45 1.18 -1.66	30.64 0.79 -2.55	25.05 0.59 -3.22
JERICHO_RISE_WT_PWR 323719	28.54 0.37 0.00	27.13 0.37 0.00	25.63 0.35 0.00	24.46 0.34 0.00	25.25 0.30 0.00	28.00 0.25 0.00	32.51 0.13 0.00	36.35 -0.04 0.00	33.93 -0.24 0.00	31.20 -0.22 0.00	30.25 -0.15 0.00	29.56 -0.21 0.00	28.45 -0.29 0.00	27.53 -0.39 0.00	28.00 -0.51 0.00	32.05 -0.62 0.00	34.83 -1.00 0.00	34.96 -1.23 0.00	35.10 -1.35 0.00	40.69 -1.65 0.00	34.73 -1.11 0.00	33.78 -0.83 0.00	26.81 -0.49 0.00	20.66 -0.57 0.00
KATONAH__115KV_46KV_TB4 355592	29.98 1.80 0.00	28.36 1.61 0.00	26.79 1.52 0.00	25.57 1.45 0.00	26.47 1.52 0.00	29.47 1.72 0.00	34.49 2.10 0.00	40.16 2.47 -1.30	36.49 2.32 0.00	33.55 2.14 0.00	32.50 2.10 0.00	31.76 1.99 0.00	30.89 2.16 0.00	30.85 2.09 -0.84	32.26 2.14 -1.60	35.08 2.42 0.00	38.60 2.76 0.00	43.80 2.82 -4.78	49.55 2.77 -10.33	52.87 3.18 -7.35	52.50 2.62 -14.04	41.29 2.56 -4.12	35.55 1.97 -6.29	31.96 1.38 -9.35
KCE_NY_1 323755	29.56 1.38 0.00	28.04 1.28 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.47 1.52 0.00	29.50 1.75 0.00	34.43 2.04 0.00	40.45 2.48 -1.59	36.39 2.22 0.00	33.24 1.82 0.00	32.13 1.73 0.00	31.34 1.58 0.00	30.31 1.58 0.00	30.55 1.62 -1.02	32.18 1.71 -1.95	34.59 1.93 0.00	38.02 2.19 0.00	43.84 1.74 -5.91	51.07 1.86 -12.76	53.53 2.12 -9.07	55.00 1.83 -17.33	41.43 1.73 -5.08	36.42 1.36 -7.76	33.93 1.17 -11.53
KCE_NY_6_ESR 323823	25.56 -2.62 0.00	24.45 -2.30 0.00	23.00 -2.27 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.92 -2.83 0.00	28.76 -3.63 0.00	32.55 -3.93 -0.09	30.85 -3.31 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.39 -3.05 1.30	24.33 -2.99 0.60	24.36 -3.02 1.13	24.43 -3.40 4.83	22.79 -3.69 9.36	32.42 -3.77 0.01	32.62 -3.83 0.00	32.88 -4.40 5.06	32.49 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	20.65 -2.27 -1.69
KEDC_PORT_JEFF_GT2 24210	30.38 2.20 0.00	28.33 1.58 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.53 1.57 0.00	29.00 1.25 0.00	34.59 2.20 0.00	39.93 2.26 -1.29	35.84 1.67 0.00	33.08 1.66 0.00	31.64 1.25 0.00	31.25 1.49 0.00	30.89 2.16 0.00	30.24 1.51 -0.81	31.65 1.57 -1.57	34.39 1.73 0.00	38.56 2.72 0.00	45.00 4.05 -4.75	50.98 4.26 -10.27	55.65 6.01 -7.30	54.66 4.87 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
KEDC_PORT_JEFF_GT3 24211	30.38 2.20 0.00	28.33 1.58 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.53 1.57 0.00	29.00 1.25 0.00	34.59 2.20 0.00	39.93 2.26 -1.29	35.84 1.67 0.00	33.08 1.66 0.00	31.64 1.25 0.00	31.25 1.49 0.00	30.89 2.16 0.00	30.24 1.51 -0.81	31.65 1.57 -1.57	34.39 1.73 0.00	38.56 2.72 0.00	45.00 4.05 -4.75	50.98 4.26 -10.27	55.65 6.01 -7.30	54.66 4.87 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
KEDC_GLWD_GT4 24219	30.26 2.09 0.00	28.52 1.77 0.00	26.97 1.69 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.61 1.86 0.00	34.88 2.49 0.00	40.41 2.73 -1.29	36.66 2.49 0.00	33.93 2.51 0.00	32.68 2.28 0.00	32.00 2.23 0.00	31.12 2.38 0.00	31.13 2.40 -0.81	32.68 2.59 -1.57	35.57 2.91 0.00	38.99 3.15 0.00	44.27 3.33 -4.75	49.97 3.24 -10.27	53.29 3.64 -7.31	52.80 3.01 -13.95	41.73 3.01 -4.10	36.00 2.46 -6.24	32.14 1.64 -9.28
KEDC_GLWD_GT5 24220	30.26 2.09 0.00	28.52 1.77 0.00	26.97 1.69 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.61 1.86 0.00	34.88 2.49 0.00	40.41 2.73 -1.29	36.66 2.49 0.00	33.93 2.51 0.00	32.68 2.28 0.00	32.00 2.23 0.00	31.12 2.38 0.00	31.13 2.40 -0.81	32.68 2.59 -1.57	35.57 2.91 0.00	38.99 3.15 0.00	44.27 3.33 -4.75	49.97 3.24 -10.27	53.29 3.64 -7.31	52.80 3.01 -13.95	41.73 3.01 -4.10	36.00 2.46 -6.24	32.14 1.64 -9.28

KENSICO____ 23655	29.98 1.80 0.00	28.36 1.61 0.00	26.77 1.49 0.00	25.57 1.45 0.00	26.45 1.50 0.00	29.45 1.69 0.00	34.52 2.14 0.00	40.15 2.47 -1.29	36.49 2.32 0.00	33.59 2.17 0.00	32.50 2.10 0.00	31.79 2.02 0.00	30.89 2.16 0.00	30.87 2.12 -0.83	32.25 2.14 -1.59	35.09 2.42 0.00	38.60 2.76 0.00	43.75 2.82 -4.74	49.42 2.73 -10.23	52.79 3.18 -7.28	52.36 2.62 -13.91	41.22 2.53 -4.08	35.49 1.97 -6.23	31.87 1.38 -9.25
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.70 1.52 0.00	28.15 1.39 0.00	26.59 1.31 0.00	25.38 1.25 0.00	26.27 1.32 0.00	29.28 1.53 0.00	34.33 1.94 0.00	39.88 2.26 -1.24	36.12 1.95 0.00	33.18 1.76 0.00	32.10 1.70 0.00	31.37 1.61 0.00	30.46 1.72 0.00	30.41 1.70 -0.79	31.77 1.74 -1.51	34.66 1.99 0.00	38.13 2.29 0.00	43.16 2.46 -4.50	48.62 2.44 -9.73	52.14 2.88 -6.92	51.50 2.44 -13.22	40.78 2.28 -3.88	34.97 1.75 -5.92	31.24 1.21 -8.80
KIAC_JFK_GT1 23816	30.38 2.20 0.00	28.68 1.93 0.00	27.05 1.77 0.00	25.84 1.71 0.00	26.72 1.77 0.00	29.81 2.05 0.00	35.04 2.66 0.00	40.51 2.84 -1.29	37.11 2.94 0.00	34.28 2.80 -0.07	32.99 2.58 -0.01	32.28 2.50 -0.01	31.39 2.61 -0.04	31.42 2.60 -0.90	32.83 2.65 -1.66	35.68 2.94 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.93	41.47 2.77 -4.08	35.94 2.40 -6.24	32.20 1.70 -9.27
KIAC_JFK_GT2 23817	30.38 2.20 0.00	28.68 1.93 0.00	27.05 1.77 0.00	25.84 1.71 0.00	26.72 1.77 0.00	29.81 2.05 0.00	35.04 2.66 0.00	40.51 2.84 -1.29	37.11 2.94 0.00	34.28 2.80 -0.07	32.99 2.58 -0.01	32.28 2.50 -0.01	31.39 2.61 -0.04	31.42 2.60 -0.90	32.83 2.65 -1.66	35.68 2.94 -0.07	38.97 3.12 -0.01	44.13 3.19 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.93	41.47 2.77 -4.08	35.94 2.40 -6.24	32.20 1.70 -9.27
KIAC_JFK____ 323774	30.35 2.17 0.00	28.68 1.93 0.00	27.05 1.77 0.00	25.84 1.71 0.00	26.72 1.77 0.00	29.78 2.02 0.00	35.04 2.66 0.00	40.52 2.84 -1.29	37.07 2.90 0.00	34.28 2.80 -0.07	32.99 2.58 -0.01	32.28 2.50 -0.01	31.39 2.61 -0.04	31.38 2.57 -0.89	32.81 2.65 -1.64	35.74 3.00 -0.07	38.97 3.12 -0.01	44.09 3.15 -4.75	49.80 3.10 -10.25	53.23 3.60 -7.29	52.68 2.90 -13.94	41.47 2.77 -4.09	35.94 2.40 -6.24	32.25 1.74 -9.27
KINTIGH____ 23543	25.59 -2.59 0.00	24.51 -2.25 0.00	23.10 -2.17 0.00	21.95 -2.17 0.00	22.76 -2.20 0.00	25.12 -2.64 0.00	29.02 -3.37 0.00	32.87 -3.60 -0.09	30.95 -3.21 0.01	28.81 -2.61 0.00	27.75 -2.64 0.00	27.50 -2.26 0.00	24.52 -2.93 1.29	24.51 -2.82 0.59	24.54 -2.85 1.12	24.61 -3.23 4.82	22.95 -3.55 9.34	32.70 -3.51 -0.01	32.95 -3.54 -0.04	33.33 -3.98 5.03	32.88 -3.58 -0.63	31.24 -3.39 -0.02	24.63 -2.70 -0.04	21.14 -1.55 -1.46
KNTFSRNC_46_KV_46KV_LOAD 80397	28.88 0.70 0.00	27.48 0.72 0.00	25.96 0.68 0.00	24.78 0.65 0.00	25.58 0.62 0.00	28.34 0.58 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.98 0.58 0.00	30.24 0.48 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.76 0.10 0.00	35.62 -0.22 0.00	35.72 -0.47 0.00	35.83 -0.62 0.00	41.50 -0.85 0.00	35.44 -0.39 0.00	34.48 -0.14 0.00	27.38 0.08 0.00	21.17 -0.06 0.00
LACHUTE__HYDRO 323717	30.23 2.06 0.00	28.66 1.90 0.00	27.20 1.92 0.00	25.93 1.81 0.00	27.05 2.10 0.00	30.20 2.44 0.00	35.26 2.88 0.00	41.48 3.49 -1.61	37.31 3.14 0.00	33.93 2.51 0.00	32.80 2.40 0.00	31.91 2.14 0.00	30.81 2.07 0.00	31.04 2.09 -1.03	32.72 2.23 -1.98	34.79 2.12 0.00	38.20 2.36 0.00	44.32 2.21 -5.91	51.74 2.51 -12.78	54.34 2.92 -9.08	55.85 2.65 -17.36	42.02 2.32 -5.09	36.90 1.83 -7.77	34.54 1.76 -11.55
LAWRNCALV_115KV_TB1 80681	27.95 -0.23 0.00	26.57 -0.19 0.00	25.12 -0.15 0.00	23.98 -0.14 0.00	24.78 -0.17 0.00	27.50 -0.25 0.00	31.87 -0.52 0.00	35.66 -0.73 0.00	33.18 -0.99 0.00	30.38 -1.04 0.00	29.42 -0.97 0.00	28.72 -1.04 0.00	27.73 -1.01 0.00	26.86 -1.06 0.00	27.40 -1.11 0.00	31.43 -1.24 0.00	34.33 -1.51 0.00	34.60 -1.59 0.00	34.92 -1.53 0.00	40.52 -1.82 0.00	34.51 -1.33 0.00	33.37 -1.25 0.00	26.45 -0.85 0.00	20.53 -0.70 0.00
LEDERLE____ 23769	29.78 1.61 0.00	28.20 1.44 0.00	26.62 1.34 0.00	25.43 1.30 0.00	26.30 1.35 0.00	29.36 1.61 0.00	34.42 2.04 0.00	39.94 2.33 -1.23	36.32 2.15 0.00	33.43 2.01 0.00	32.37 1.98 0.00	31.67 1.90 0.00	30.78 2.04 0.00	30.72 2.01 -0.79	32.09 2.05 -1.52	34.99 2.32 0.00	38.38 2.54 0.00	43.32 2.61 -4.52	48.78 2.55 -9.77	52.26 2.96 -6.95	51.59 2.47 -13.28	40.83 2.32 -3.89	35.05 1.80 -5.95	31.33 1.25 -8.84
LIGHTHSE_115KV_TB6 355974	27.61 -0.56 0.00	26.25 -0.51 0.00	24.80 -0.48 0.00	23.67 -0.46 0.00	24.53 -0.42 0.00	27.31 -0.44 0.00	31.87 -0.52 0.00	35.90 -0.58 -0.09	33.59 -0.58 0.00	30.76 -0.66 0.00	29.73 -0.67 0.00	29.11 -0.65 0.00	28.05 -0.69 0.00	27.31 -0.67 -0.06	27.98 -0.66 -0.12	31.95 -0.72 0.00	35.09 -0.75 0.00	35.86 -0.69 -0.35	36.69 -0.51 -0.75	42.41 -0.47 -0.53	36.36 -0.50 -1.02	34.36 -0.55 -0.30	27.26 -0.49 -0.46	21.55 -0.36 -0.68
LINDEN COGEN____ 23786	30.15 1.97 0.00	28.52 1.77 0.00	26.92 1.64 0.00	25.72 1.59 0.00	26.60 1.65 0.00	29.61 1.86 0.00	34.78 2.40 0.00	40.37 2.69 -1.29	36.73 2.56 0.00	33.97 2.48 -0.07	32.75 2.34 -0.01	32.04 2.26 -0.01	31.16 2.38 -0.04	31.18 2.37 -0.89	32.58 2.42 -1.64	35.48 2.74 -0.07	38.86 3.01 -0.01	44.02 3.07 -4.75	49.66 2.95 -10.25	53.06 3.43 -7.29	52.53 2.76 -13.94	41.40 2.70 -4.09	35.69 2.16 -6.24	32.08 1.57 -9.27
LINDHRST_69_KV_BK1 356055	30.69 2.51 0.00	28.63 1.87 0.00	27.12 1.85 0.00	25.76 1.64 0.00	26.72 1.77 0.00	29.81 2.05 0.00	35.23 2.85 0.00	40.59 2.91 -1.29	36.66 2.49 0.00	34.02 2.61 0.00	32.62 2.22 0.00	31.91 2.14 0.00	31.23 2.50 0.00	31.42 2.68 -0.82	32.76 2.65 -1.59	35.14 2.48 0.00	39.17 3.33 0.00	44.67 3.73 -4.75	50.51 3.79 -10.27	54.34 4.70 -7.30	53.66 3.87 -13.95	42.31 3.60 -4.10	36.60 3.06 -6.24	32.29 1.78 -9.27
LIPA_MISC_IPP 23656	30.60 2.42 0.00	28.12 1.36 0.00	26.87 1.59 0.00	25.50 1.38 0.00	26.32 1.37 0.00	29.20 1.44 0.00	34.39 2.01 0.00	39.60 1.93 -1.29	35.47 1.30 0.00	32.73 1.32 0.00	31.58 1.19 0.00	30.92 1.16 0.00	30.77 2.04 0.00	30.16 1.42 -0.82	31.36 1.25 -1.59	33.35 0.69 0.00	38.17 2.33 0.00	43.98 3.04 -4.75	50.80 4.08 -10.26	55.57 5.93 -7.30	54.59 4.80 -13.95	42.83 4.12 -4.09	37.03 3.49 -6.24	32.10 1.59 -9.27
LISF__SOLAR 323691	30.21 2.03 0.00	28.15 1.39 0.00	26.92 1.64 0.00	25.52 1.40 0.00	26.35 1.40 0.00	28.72 0.97 0.00	34.29 1.91 0.00	39.60 1.93 -1.29	35.47 1.30 0.00	32.70 1.29 0.00	31.28 0.88 0.00	30.92 1.16 0.00	30.66 1.93 0.00	29.85 1.12 -0.81	31.23 1.14 -1.57	33.87 1.21 0.00	38.17 2.33 0.00	44.74 3.80 -4.75	50.83 4.12 -10.27	55.70 6.05 -7.30	54.66 4.87 -13.95	42.90 4.19 -4.10	37.06 3.52 -6.24	32.19 1.68 -9.28

LITTLE FALLS___HYD 24013	28.15 -0.03 0.00	26.70 -0.05 0.00	25.18 -0.10 0.00	23.96 -0.17 0.00	24.73 -0.22 0.00	27.42 -0.33 0.00	31.38 -1.00 0.00	35.07 -1.31 0.00	32.90 -1.26 0.00	30.29 -1.13 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.87 -0.86 0.00	27.08 -0.84 0.00	27.58 -0.94 0.00	31.59 -1.08 0.00	34.55 -1.29 0.00	34.86 -1.34 0.00	35.10 -1.35 0.00	40.82 -1.52 0.00	34.51 -1.33 0.00	33.47 -1.14 0.00	26.45 -0.85 0.00	20.60 -0.64 0.00
LITTLRIV_115KV_TB1 356100	28.23 0.06 0.00	26.84 0.08 0.00	25.38 0.10 0.00	24.22 0.10 0.00	25.05 0.10 0.00	27.84 0.08 0.00	32.25 -0.13 0.00	36.08 -0.33 -0.02	33.45 -0.72 0.00	30.57 -0.85 0.00	29.55 -0.85 0.00	28.87 -0.89 0.00	27.84 -0.89 0.00	26.98 -0.95 -0.01	27.58 -0.97 -0.03	31.62 -1.05 0.00	34.55 -1.29 0.00	34.94 -1.34 -0.08	35.43 -1.20 -0.18	41.12 -1.35 -0.13	35.15 -0.93 -0.25	33.82 -0.87 -0.07	26.84 -0.57 -0.11	20.89 -0.51 -0.16
LI_NEWBRDGE___DRP 323616	30.26 2.09 0.00	28.36 1.61 0.00	26.82 1.54 0.00	25.52 1.40 0.00	26.47 1.52 0.00	29.53 1.78 0.00	34.84 2.46 0.00	40.22 2.55 -1.29	36.39 2.22 0.00	33.83 2.42 0.00	32.40 2.01 0.00	31.70 1.93 0.00	30.97 2.24 0.00	31.28 2.54 -0.82	32.64 2.54 -1.59	34.98 2.32 0.00	38.81 2.97 0.00	44.20 3.26 -4.75	49.85 3.13 -10.26	53.37 3.73 -7.30	52.83 3.05 -13.95	41.62 2.91 -4.09	36.08 2.54 -6.24	32.02 1.51 -9.27
LOCKPORT_115KV_TB60_63_64 80432	25.08 -3.10 0.00	24.05 -2.70 0.00	22.65 -2.63 0.00	21.49 -2.63 0.00	22.31 -2.64 0.00	24.59 -3.16 0.00	28.30 -4.08 0.00	32.07 -4.40 -0.09	30.37 -3.79 0.01	28.34 -3.08 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	23.99 -3.45 1.30	23.97 -3.35 0.60	24.02 -3.36 1.13	24.31 -3.50 4.86	22.65 -3.83 9.35	32.00 -4.20 0.00	32.27 -4.19 -0.01	32.93 -4.36 5.05	32.17 -4.26 -0.60	30.65 -3.98 -0.01	24.18 -3.14 -0.02	20.84 -1.95 -1.56
LOCKPORT___CC1 323769	25.16 -3.01 0.00	24.08 -2.68 0.00	22.67 -2.60 0.00	21.52 -2.61 0.00	22.31 -2.65 0.00	24.59 -3.16 0.00	28.33 -4.05 0.00	32.07 -4.40 -0.09	30.40 -3.76 0.01	28.34 -3.08 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	24.04 -3.39 1.30	24.02 -3.29 0.60	24.04 -3.34 1.14	24.28 -3.53 4.86	22.64 -3.83 9.36	32.03 -4.16 0.00	32.23 -4.23 -0.01	32.84 -4.45 5.05	32.17 -4.27 -0.60	30.68 -3.95 -0.01	24.18 -3.14 -0.02	20.44 -2.36 -1.57
LOCKPORT___CC2 323770	25.16 -3.01 0.00	24.08 -2.68 0.00	22.67 -2.60 0.00	21.52 -2.61 0.00	22.31 -2.65 0.00	24.59 -3.16 0.00	28.33 -4.05 0.00	32.07 -4.40 -0.09	30.40 -3.76 0.01	28.34 -3.08 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	24.04 -3.39 1.30	24.02 -3.29 0.60	24.04 -3.34 1.14	24.28 -3.53 4.86	22.64 -3.83 9.36	32.03 -4.16 0.00	32.23 -4.23 -0.01	32.84 -4.45 5.05	32.17 -4.27 -0.60	30.68 -3.95 -0.01	24.18 -3.14 -0.02	20.44 -2.36 -1.57
LOCKPORT___CC3 323771	25.16 -3.01 0.00	24.08 -2.68 0.00	22.67 -2.60 0.00	21.52 -2.61 0.00	22.31 -2.65 0.00	24.59 -3.16 0.00	28.33 -4.05 0.00	32.07 -4.40 -0.09	30.40 -3.76 0.01	28.34 -3.08 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	24.04 -3.39 1.30	24.02 -3.29 0.60	24.04 -3.34 1.14	24.28 -3.53 4.86	22.64 -3.83 9.36	32.03 -4.16 0.00	32.23 -4.23 -0.01	32.84 -4.45 5.05	32.17 -4.27 -0.60	30.68 -3.95 -0.01	24.18 -3.14 -0.02	20.44 -2.36 -1.57
LONG_LAKE_PHOENIX 24014	27.44 -0.73 0.00	26.09 -0.67 0.00	24.64 -0.63 0.00	23.50 -0.63 0.00	24.33 -0.62 0.00	27.09 -0.67 0.00	31.64 -0.74 0.00	35.65 -0.84 -0.10	33.49 -0.68 0.00	30.79 -0.63 0.00	29.79 -0.61 0.00	29.17 -0.60 0.00	28.10 -0.63 0.00	27.40 -0.59 -0.07	28.07 -0.57 -0.13	32.01 -0.65 0.00	35.16 -0.68 0.00	35.89 -0.69 -0.38	36.62 -0.66 -0.82	42.25 -0.68 -0.58	36.27 -0.68 -1.12	34.25 -0.69 -0.33	27.20 -0.60 -0.50	21.55 -0.42 -0.74
LOVETT___3 23632	29.73 1.55 0.00	28.12 1.36 0.00	26.57 1.29 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.22 1.47 0.00	34.26 1.88 0.00	39.77 2.15 -1.24	36.15 1.98 0.00	33.27 1.85 0.00	32.22 1.82 0.00	31.52 1.76 0.00	30.63 1.90 0.00	30.56 1.84 -0.80	31.93 1.88 -1.53	34.76 2.09 0.00	38.24 2.40 0.00	43.22 2.46 -4.56	48.71 2.41 -9.85	52.14 2.79 -7.00	51.52 2.29 -13.39	40.75 2.22 -3.92	35.01 1.72 -6.00	31.33 1.19 -8.91
LOVETT___4 23642	29.73 1.55 0.00	28.12 1.36 0.00	26.57 1.29 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.22 1.47 0.00	34.26 1.88 0.00	39.77 2.15 -1.24	36.15 1.98 0.00	33.27 1.85 0.00	32.22 1.82 0.00	31.52 1.76 0.00	30.63 1.90 0.00	30.56 1.84 -0.80	31.93 1.88 -1.53	34.76 2.09 0.00	38.24 2.40 0.00	43.22 2.46 -4.56	48.71 2.41 -9.85	52.14 2.79 -7.00	51.52 2.29 -13.39	40.75 2.22 -3.92	35.01 1.72 -6.00	31.33 1.19 -8.91
LOVETT___5 23593	29.73 1.55 0.00	28.12 1.36 0.00	26.57 1.29 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.22 1.47 0.00	34.26 1.88 0.00	39.77 2.15 -1.24	36.15 1.98 0.00	33.27 1.85 0.00	32.22 1.82 0.00	31.52 1.76 0.00	30.63 1.90 0.00	30.56 1.84 -0.80	31.93 1.88 -1.53	34.76 2.09 0.00	38.24 2.40 0.00	43.22 2.46 -4.56	48.71 2.41 -9.85	52.14 2.79 -7.00	51.52 2.29 -13.39	40.75 2.22 -3.92	35.01 1.72 -6.00	31.33 1.19 -8.91
LOWER RAQUET___HYD 24057	27.81 -0.37 0.00	26.44 -0.32 0.00	25.00 -0.28 0.00	23.86 -0.26 0.00	24.65 -0.30 0.00	27.42 -0.33 0.00	31.67 -0.71 0.00	35.43 -0.98 -0.02	32.94 -1.23 0.00	30.13 -1.29 0.00	29.15 -1.25 0.00	28.48 -1.28 0.00	27.47 -1.26 0.00	26.62 -1.31 -0.02	27.21 -1.34 -0.03	31.20 -1.47 0.00	34.01 -1.83 0.00	34.36 -1.92 -0.09	34.82 -1.82 -0.19	40.36 -2.12 -0.14	34.52 -1.58 -0.26	33.20 -1.49 -0.08	26.35 -1.07 -0.12	20.49 -0.91 -0.17
LOWER___HUDSON 24059	29.28 1.10 0.00	27.75 0.99 0.00	26.24 0.96 0.00	25.06 0.94 0.00	26.00 1.05 0.00	28.97 1.22 0.00	33.84 1.46 0.00	39.74 1.78 -1.58	35.77 1.61 0.00	32.77 1.35 0.00	31.70 1.31 0.00	30.98 1.22 0.00	30.00 1.26 0.00	30.16 1.23 -1.01	31.74 1.28 -1.94	34.14 1.47 0.00	37.52 1.68 0.00	43.61 1.59 -5.82	50.70 1.68 -12.58	53.23 1.95 -8.94	54.57 1.65 -17.08	41.18 1.56 -5.01	36.18 1.23 -7.65	33.58 0.98 -11.37
LOWVILLE_115KV_TB2 356335	28.35 0.17 0.00	26.97 0.21 0.00	25.50 0.23 0.00	24.34 0.22 0.00	25.23 0.27 0.00	28.11 0.36 0.00	32.64 0.26 0.00	36.65 0.22 -0.05	34.07 -0.10 0.00	31.01 -0.41 0.00	29.76 -0.64 0.00	29.11 -0.65 0.00	28.10 -0.63 0.00	27.31 -0.64 -0.03	27.95 -0.63 -0.06	32.01 -0.65 0.00	35.26 -0.57 0.00	35.94 -0.43 -0.18	36.70 -0.15 -0.40	42.54 -0.08 -0.28	36.27 -0.11 -0.54	34.57 -0.21 -0.16	27.32 -0.22 -0.24	21.36 -0.23 -0.36
LUTHERFT_115KV_GLOB_FND_222 355753	29.56 1.38 0.00	28.04 1.28 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.47 1.52 0.00	29.47 1.72 0.00	34.42 2.04 0.00	40.41 2.44 -1.59	36.36 2.19 0.00	33.24 1.82 0.00	32.10 1.70 0.00	31.31 1.55 0.00	30.32 1.58 0.00	30.53 1.59 -1.02	32.18 1.71 -1.95	34.79 2.12 0.00	37.99 2.15 0.00	43.73 1.70 -5.83	50.87 1.82 -12.60	53.53 2.12 -9.07	55.01 1.83 -17.34	41.39 1.70 -5.08	36.40 1.34 -7.76	33.73 0.96 -11.54

LUTHERNY_35_KV_BK2 355980	29.56 1.38 0.00	28.04 1.28 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.47 1.52 0.00	29.50 1.75 0.00	34.42 2.04 0.00	40.44 2.47 -1.59	36.39 2.22 0.00	33.24 1.82 0.00	32.13 1.73 0.00	31.34 1.58 0.00	30.34 1.61 0.00	30.55 1.62 -1.02	32.18 1.71 -1.95	34.82 2.16 0.00	38.02 2.19 0.00	43.76 1.74 -5.83	50.91 1.86 -12.60	53.53 2.12 -9.07	55.01 1.83 -17.34	41.43 1.73 -5.08	36.43 1.36 -7.76	33.75 0.98 -11.54
LWR___OSWEGATCHIE_HYD 23850	27.92 -0.25 0.00	26.54 -0.21 0.00	25.10 -0.18 0.00	23.96 -0.17 0.00	24.80 -0.15 0.00	27.59 -0.17 0.00	32.00 -0.39 0.00	35.88 -0.55 -0.04	33.35 -0.82 0.00	30.41 -1.01 0.00	29.30 -1.09 0.00	28.66 -1.10 0.00	27.64 -1.09 0.00	26.83 -1.12 -0.02	27.42 -1.14 -0.05	31.43 -1.24 0.00	34.48 -1.36 0.00	35.00 -1.34 -0.14	35.63 -1.13 -0.31	41.33 -1.23 -0.22	35.29 -0.97 -0.42	33.73 -1.00 -0.12	26.72 -0.76 -0.19	20.85 -0.66 -0.28
LYONS_FALL_HYD 23570	28.46 0.28 0.00	27.05 0.29 0.00	25.58 0.30 0.00	24.39 0.27 0.00	25.30 0.35 0.00	28.17 0.42 0.00	32.80 0.42 0.00	36.83 0.40 -0.05	34.37 0.21 0.00	31.35 -0.06 0.00	30.19 -0.21 0.00	29.56 -0.21 0.00	28.50 -0.23 0.00	27.70 -0.25 -0.03	28.38 -0.20 -0.06	32.50 -0.16 0.00	35.77 -0.07 0.00	36.41 0.04 -0.17	37.05 0.22 -0.38	42.95 0.34 -0.27	36.57 0.22 -0.51	34.87 0.10 -0.15	27.58 0.05 -0.23	21.53 -0.04 -0.34
MADISON___COUNTY_LFGE 323628	28.60 0.42 0.00	27.21 0.45 0.00	25.71 0.43 0.00	24.53 0.41 0.00	25.43 0.47 0.00	28.34 0.58 0.00	33.10 0.71 0.00	37.26 0.80 -0.08	34.85 0.68 0.00	31.92 0.50 0.00	30.79 0.40 0.00	30.18 0.42 0.00	29.08 0.34 0.00	28.30 0.34 -0.05	29.01 0.40 -0.10	33.16 0.49 0.00	36.52 0.68 0.00	37.24 0.76 -0.29	37.95 0.87 -0.62	43.89 1.10 -0.44	37.51 0.82 -0.85	35.59 0.73 -0.25	28.17 0.49 -0.38	22.16 0.36 -0.56
MALONE___115KV_TB1 356076	28.66 0.48 0.00	27.24 0.48 0.00	25.76 0.48 0.00	24.56 0.43 0.00	25.38 0.42 0.00	28.11 0.36 0.00	32.68 0.29 0.00	36.53 0.15 0.00	34.07 -0.10 0.00	31.29 -0.13 0.00	30.34 -0.06 0.00	29.61 -0.15 0.00	28.53 -0.20 0.00	27.58 -0.34 0.00	28.09 -0.43 0.00	32.14 -0.52 0.00	35.01 -0.82 0.00	35.18 -1.01 0.00	35.36 -1.09 0.00	40.99 -1.35 0.00	35.01 -0.82 0.00	33.96 -0.66 0.00	26.94 -0.35 0.00	20.83 -0.40 0.00
MAPLEWOD_115KV_TB3 80458	29.16 0.99 0.00	27.66 0.91 0.00	26.16 0.88 0.00	24.97 0.84 0.00	25.88 0.92 0.00	28.81 1.05 0.00	33.61 1.23 0.00	39.41 1.46 -1.57	35.54 1.37 0.00	32.61 1.19 0.00	31.55 1.16 0.00	30.86 1.10 0.00	29.91 1.18 0.00	30.04 1.12 -1.01	31.63 1.17 -1.94	34.07 1.40 0.00	37.38 1.54 0.00	43.47 1.48 -5.79	50.49 1.53 -12.50	53.01 1.78 -8.89	54.34 1.51 -17.00	41.02 1.42 -4.98	36.06 1.15 -7.61	33.37 0.83 -11.31
MAPLE_RIDGE_WT_1 323574	28.15 -0.03 0.00	26.73 -0.03 0.00	25.25 -0.03 0.00	24.05 -0.07 0.00	24.83 -0.12 0.00	27.53 -0.22 0.00	32.03 -0.36 0.00	35.80 -0.58 0.00	33.52 -0.65 0.00	30.85 -0.56 0.00	29.88 -0.52 0.00	29.20 -0.57 0.00	28.10 -0.63 0.00	27.22 -0.70 0.00	27.75 -0.77 0.00	31.75 -0.91 0.00	34.73 -1.11 0.00	34.96 -1.23 0.00	35.17 -1.28 0.00	40.78 -1.57 0.00	34.58 -1.26 0.00	33.44 -1.18 0.00	26.42 -0.87 0.00	20.53 -0.70 0.00
MAPLE_RIDGE_WT_2 323611	28.15 -0.03 0.00	26.73 -0.03 0.00	25.25 -0.03 0.00	24.05 -0.07 0.00	24.83 -0.12 0.00	27.53 -0.22 0.00	32.03 -0.36 0.00	35.80 -0.58 0.00	33.52 -0.65 0.00	30.85 -0.56 0.00	29.88 -0.52 0.00	29.20 -0.57 0.00	28.10 -0.63 0.00	27.22 -0.70 0.00	27.75 -0.77 0.00	31.75 -0.91 0.00	34.73 -1.11 0.00	34.96 -1.23 0.00	35.17 -1.28 0.00	40.78 -1.57 0.00	34.58 -1.26 0.00	33.44 -1.18 0.00	26.42 -0.87 0.00	20.53 -0.70 0.00
MARBLE_RIVER_WT_PWR 323696	28.54 0.37 0.00	27.16 0.40 0.00	25.66 0.38 0.00	24.49 0.36 0.00	25.28 0.32 0.00	28.03 0.28 0.00	32.51 0.13 0.00	36.35 -0.04 0.00	33.96 -0.20 0.00	31.23 -0.19 0.00	30.28 -0.12 0.00	29.56 -0.21 0.00	28.48 -0.26 0.00	27.55 -0.36 0.00	28.03 -0.48 0.00	32.08 -0.59 0.00	34.91 -0.93 0.00	35.04 -1.16 0.00	35.17 -1.28 0.00	40.78 -1.57 0.00	34.80 -1.04 0.00	33.82 -0.79 0.00	26.83 -0.46 0.00	20.70 -0.53 0.00
MARSHVLE_115KV_TB1 80742	30.15 1.97 0.00	28.65 1.90 0.00	27.15 1.87 0.00	25.89 1.76 0.00	26.85 1.90 0.00	29.92 2.16 0.00	34.97 2.59 0.00	41.08 2.84 -1.86	36.39 2.22 0.00	33.02 1.60 0.00	32.07 1.67 0.00	31.37 1.61 0.00	30.32 1.58 0.00	30.70 1.59 -1.19	32.46 1.65 -2.29	34.69 2.03 0.00	37.99 2.15 0.00	45.41 2.39 -6.83	54.15 2.95 -14.75	56.46 3.64 -10.47	59.01 3.15 -20.02	43.53 3.05 -5.87	38.56 2.29 -8.96	36.26 1.70 -13.32
MARSH_HILL_WT_PWR 323713	26.71 -1.47 0.00	25.36 -1.39 0.00	23.84 -1.44 0.00	22.53 -1.59 0.00	23.20 -1.75 0.00	25.64 -2.11 0.00	29.79 -2.59 0.00	33.31 -3.06 0.02	31.23 -2.94 0.00	28.78 -2.64 0.00	27.60 -2.80 0.00	27.08 -2.68 0.00	24.00 -3.07 1.66	24.10 -2.93 0.88	24.01 -2.91 1.60	23.27 -3.30 6.10	20.28 -3.58 11.97	32.08 -3.51 0.61	31.79 -3.39 1.27	31.34 -3.68 7.32	31.69 -3.23 0.92	31.07 -3.08 0.46	23.97 -2.57 0.77	21.63 -1.63 -2.03
MCINTYRE_115KV_TB2 80467	28.52 0.34 0.00	27.13 0.37 0.00	25.66 0.38 0.00	24.49 0.36 0.00	25.30 0.35 0.00	28.14 0.39 0.00	32.68 0.29 0.00	36.49 0.11 0.00	33.83 -0.34 0.00	30.88 -0.53 0.00	29.88 -0.52 0.00	29.17 -0.60 0.00	28.13 -0.60 0.00	27.25 -0.67 0.00	27.83 -0.68 0.00	31.98 -0.69 0.00	34.94 -0.90 0.00	35.25 -0.94 0.00	35.72 -0.73 0.00	41.50 -0.85 0.00	35.37 -0.47 0.00	34.20 -0.42 0.00	27.08 -0.22 0.00	21.04 -0.19 0.00
MECO_____69_KV_BK1 80468	30.35 2.17 0.00	28.82 2.06 0.00	27.32 2.05 0.00	26.03 1.91 0.00	27.02 2.07 0.00	30.14 2.39 0.00	35.20 2.82 0.00	41.37 3.20 -1.78	36.77 2.60 0.00	33.30 1.88 0.00	32.31 1.92 0.00	31.55 1.79 0.00	30.49 1.75 0.00	30.82 1.76 -1.14	32.57 1.85 -2.20	34.99 2.32 0.00	38.35 2.51 0.00	45.53 2.79 -6.55	53.88 3.28 -14.15	56.33 3.94 -10.05	58.48 3.44 -19.20	43.50 3.25 -5.63	38.38 2.48 -8.60	35.84 1.83 -12.78
MENANDS___115KV_TB5 355628	29.08 0.90 0.00	27.58 0.83 0.00	26.09 0.81 0.00	24.90 0.77 0.00	25.80 0.85 0.00	28.73 0.97 0.00	33.52 1.13 0.00	39.27 1.31 -1.57	35.43 1.26 0.00	32.52 1.10 0.00	31.46 1.06 0.00	30.78 1.01 0.00	29.83 1.09 0.00	29.99 1.06 -1.01	31.54 1.08 -1.94	33.97 1.31 0.00	37.24 1.40 0.00	43.31 1.34 -5.78	50.32 1.39 -12.48	52.83 1.61 -8.88	54.17 1.36 -16.97	40.87 1.28 -4.97	35.93 1.04 -7.60	33.27 0.74 -11.29
MG INDUSTRY___DRP 24185	28.97 0.79 0.00	27.50 0.75 0.00	26.01 0.73 0.00	24.85 0.72 0.00	25.73 0.77 0.00	28.61 0.86 0.00	33.39 1.00 0.00	38.98 1.06 -1.54	35.19 1.03 0.00	32.23 0.82 0.00	31.19 0.79 0.00	30.48 0.71 0.00	29.54 0.80 0.00	29.60 0.70 -0.98	31.14 0.74 -1.89	33.65 0.98 0.00	36.95 1.11 0.00	42.83 1.01 -5.62	49.66 1.06 -12.15	52.30 1.31 -8.64	53.47 1.11 -16.52	40.53 1.07 -4.84	35.57 0.87 -7.40	32.86 0.64 -10.99

MID___OSWEGATCHIE_HYD 23849	27.92 -0.25 0.00	26.54 -0.21 0.00	25.10 -0.18 0.00	23.96 -0.17 0.00	24.80 -0.15 0.00	27.59 -0.17 0.00	32.00 -0.39 0.00	35.88 -0.55 0.00	33.35 -0.82 0.00	30.41 -1.01 0.00	29.30 -1.09 0.00	28.66 -1.10 0.00	27.64 -1.09 0.00	26.83 -1.12 -0.02	27.42 -1.14 -0.05	31.43 -1.24 0.00	34.48 -1.36 0.00	35.00 -1.34 -0.14	35.63 -1.13 -0.31	41.33 -1.23 -0.22	35.29 -0.97 -0.42	33.73 -1.00 -0.12	26.72 -0.76 -0.19	20.85 -0.66 -0.28
MID___RAQUETTE_HYD 23851	27.81 -0.37 0.00	26.43 -0.32 0.00	25.00 -0.28 0.00	23.86 -0.27 0.00	24.65 -0.30 0.00	27.39 -0.36 0.00	31.67 -0.71 0.00	35.43 -0.98 -0.02	32.94 -1.23 0.00	30.13 -1.29 0.00	29.15 -1.25 0.00	28.48 -1.28 0.00	27.47 -1.26 0.00	26.62 -1.31 -0.02	27.21 -1.34 -0.03	31.16 -1.50 0.00	34.01 -1.83 0.00	34.40 -1.88 -0.09	34.82 -1.82 -0.19	40.36 -2.12 -0.14	34.52 -1.58 -0.26	33.20 -1.49 -0.08	26.35 -1.06 -0.12	20.51 -0.89 -0.17
MILLIKEN___1 23584	28.26 0.08 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.22 0.10 0.00	25.08 0.12 0.00	27.92 0.17 0.00	32.71 0.32 0.00	37.36 0.36 -0.61	34.44 0.27 0.00	31.67 0.25 0.00	30.52 0.12 0.00	29.88 0.12 0.00	30.58 -0.06 -1.90	29.27 -0.03 -1.38	31.06 0.00 -2.55	39.67 0.03 -6.97	49.71 0.18 -13.69	39.35 0.29 -2.87	43.01 0.40 -6.15	54.65 0.59 -11.71	43.63 0.36 -7.43	37.29 0.28 -2.40	31.11 0.08 -3.73	23.24 0.11 -1.90
MILLIKEN___2 23585	28.26 0.08 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.22 0.10 0.00	25.08 0.12 0.00	27.92 0.17 0.00	32.71 0.32 0.00	37.36 0.36 -0.61	34.44 0.27 0.00	31.67 0.25 0.00	30.52 0.12 0.00	29.88 0.12 0.00	30.58 -0.06 -1.90	29.27 -0.03 -1.38	31.06 0.00 -2.55	39.67 0.03 -6.97	49.71 0.18 -13.69	39.35 0.29 -2.87	43.01 0.40 -6.15	54.65 0.59 -11.71	43.63 0.36 -7.43	37.29 0.28 -2.40	31.11 0.08 -3.73	23.24 0.11 -1.90
MILLIKEN___DIESEL 23629	28.26 0.08 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.22 0.10 0.00	25.08 0.12 0.00	27.92 0.17 0.00	32.71 0.32 0.00	37.36 0.36 -0.61	34.44 0.27 0.00	31.67 0.25 0.00	30.52 0.12 0.00	29.88 0.12 0.00	30.58 -0.06 -1.90	29.27 -0.03 -1.38	31.06 0.00 -2.55	39.67 0.03 -6.97	49.71 0.18 -13.69	39.35 0.29 -2.87	43.01 0.40 -6.15	54.65 0.59 -11.71	43.63 0.36 -7.43	37.29 0.28 -2.40	31.11 0.08 -3.73	23.24 0.11 -1.90
MILLSEAT___LFGE 323607	25.70 -2.48 0.00	24.56 -2.19 0.00	23.15 -2.12 0.00	21.98 -2.15 0.00	22.83 -2.12 0.00	25.23 -2.53 0.00	29.11 -3.27 0.00	32.73 -3.75 -0.09	30.91 -3.25 0.01	28.81 -2.61 0.00	27.69 -2.71 0.00	27.44 -2.32 0.00	24.56 -2.85 1.33	24.53 -2.76 0.62	24.52 -2.82 1.17	24.80 -2.91 4.96	23.35 -3.12 9.37	32.76 -3.44 0.00	33.08 -3.43 -0.02	33.86 -3.43 5.05	33.15 -3.30 -0.61	31.44 -3.18 -0.01	24.73 -2.59 -0.02	20.80 -1.95 -1.52
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.90 1.72 0.00	28.28 1.53 0.00	26.72 1.44 0.00	25.50 1.38 0.00	26.40 1.45 0.00	29.39 1.64 0.00	34.46 2.07 0.00	40.04 2.36 -1.29	36.39 2.22 0.00	33.49 2.07 0.00	32.40 2.01 0.00	31.70 1.93 0.00	30.81 2.07 0.00	30.78 2.04 -0.83	32.16 2.05 -1.59	34.99 2.32 0.00	38.49 2.65 0.00	43.64 2.71 -4.73	49.33 2.66 -10.21	52.65 3.05 -7.26	52.23 2.51 -13.88	41.11 2.42 -4.07	35.42 1.91 -6.22	31.79 1.32 -9.24
MILLWOOD_13_KV_LOAD 356217	29.95 1.78 0.00	28.33 1.58 0.00	26.74 1.47 0.00	25.55 1.42 0.00	26.42 1.47 0.00	29.42 1.67 0.00	34.49 2.10 0.00	40.11 2.44 -1.29	36.42 2.26 0.00	33.52 2.10 0.00	32.47 2.07 0.00	31.73 1.96 0.00	30.86 2.13 0.00	30.81 2.07 -0.83	32.21 2.11 -1.59	35.05 2.38 0.00	38.56 2.72 0.00	43.71 2.79 -4.73	49.40 2.73 -10.21	52.74 3.13 -7.26	52.30 2.58 -13.88	41.18 2.49 -4.07	35.45 1.94 -6.22	31.83 1.36 -9.24
MODEL_CITY_ENERGY 24167	24.88 -3.30 0.00	23.81 -2.94 0.00	22.45 -2.83 0.00	21.30 -2.82 0.00	22.08 -2.87 0.00	24.31 -3.44 0.00	28.01 -4.37 0.00	31.75 -4.73 -0.09	30.09 -4.07 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.79 -2.98 0.00	23.79 -3.65 1.30	23.77 -3.55 0.60	23.79 -3.59 1.13	24.16 -3.66 4.85	22.51 -3.98 9.35	31.71 -4.49 0.00	31.91 -4.56 -0.01	32.69 -4.61 5.04	31.86 -4.59 -0.61	30.34 -4.29 -0.01	23.93 -3.39 -0.02	20.26 -2.55 -1.58
MODERN_LFGE___ 323580	24.88 -3.30 0.00	23.81 -2.94 0.00	22.45 -2.83 0.00	21.30 -2.82 0.00	22.08 -2.87 0.00	24.31 -3.44 0.00	28.01 -4.37 0.00	31.75 -4.73 -0.09	30.09 -4.07 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.79 -2.98 0.00	23.79 -3.65 1.30	23.77 -3.55 0.60	23.79 -3.59 1.13	24.16 -3.66 4.85	22.51 -3.98 9.35	31.71 -4.49 0.00	31.91 -4.56 -0.01	32.69 -4.61 5.04	31.86 -4.59 -0.61	30.34 -4.29 -0.01	23.93 -3.39 -0.02	20.26 -2.55 -1.58
MOHAWK_PAPER___DRP 24187	29.16 0.99 0.00	27.66 0.91 0.00	26.16 0.88 0.00	24.97 0.84 0.00	25.88 0.92 0.00	28.81 1.05 0.00	33.61 1.23 0.00	39.41 1.46 -1.57	35.54 1.37 0.00	32.61 1.19 0.00	31.55 1.16 0.00	30.86 1.10 0.00	29.91 1.18 0.00	30.04 1.12 -1.01	31.63 1.17 -1.94	34.07 1.40 0.00	37.38 1.54 0.00	43.47 1.48 -5.79	50.49 1.53 -12.50	53.01 1.78 -8.89	54.34 1.51 -17.00	41.02 1.42 -4.98	36.06 1.15 -7.61	33.37 0.83 -11.31
MOHICAN___35_KV_115KV_LD 80490	29.64 1.47 0.00	28.09 1.34 0.00	26.62 1.34 0.00	25.40 1.28 0.00	26.45 1.50 0.00	29.50 1.75 0.00	34.49 2.10 0.00	40.57 2.58 -1.61	36.49 2.32 0.00	33.27 1.85 0.00	32.16 1.76 0.00	31.34 1.58 0.00	30.32 1.58 0.00	30.54 1.59 -1.03	32.21 1.71 -1.98	34.86 2.19 0.00	37.45 1.61 0.00	43.54 1.45 -5.90	50.83 1.64 -12.74	53.33 1.91 -9.08	54.88 1.68 -17.35	41.19 1.49 -5.09	36.27 1.20 -7.77	33.61 0.83 -11.55
MONGAUP___HYD 23641	29.45 1.27 0.00	27.93 1.18 0.00	26.39 1.11 0.00	25.18 1.06 0.00	26.08 1.12 0.00	29.06 1.30 0.00	34.03 1.65 0.00	39.37 1.82 -1.17	35.74 1.57 0.00	32.80 1.38 0.00	31.73 1.34 0.00	31.04 1.28 0.00	30.09 1.35 0.00	30.00 1.34 -0.74	31.30 1.37 -1.42	34.27 1.60 0.00	37.70 1.86 0.00	42.54 2.06 -4.28	47.78 2.08 -9.25	51.38 2.45 -6.58	50.53 2.11 -12.58	40.27 1.97 -3.69	34.43 1.50 -5.63	30.69 1.08 -8.37
MONTAUK___DIESEL 23721	30.49 2.31 0.00	28.01 1.26 0.00	26.89 1.62 0.00	25.60 1.47 0.00	26.57 1.62 0.00	29.59 1.83 0.00	34.94 2.56 0.00	40.30 2.62 -1.29	36.12 1.95 0.00	33.33 1.92 0.00	32.13 1.73 0.00	31.49 1.73 0.00	31.29 2.56 0.00	30.53 1.79 -0.82	31.61 1.51 -1.59	33.51 0.85 0.00	38.35 2.51 0.00	44.13 3.19 -4.75	50.94 4.23 -10.26	55.70 6.05 -7.30	54.59 4.80 -13.95	42.69 3.98 -4.09	36.81 3.28 -6.24	31.99 1.49 -9.27
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.78 -2.40 0.00	24.61 -2.14 0.00	23.03 -2.25 0.00	21.76 -2.36 0.00	22.53 -2.42 0.00	24.78 -2.97 0.00	28.56 -3.82 0.00	32.15 -4.33 -0.09	30.37 -3.79 0.01	28.21 -3.20 0.00	27.11 -3.28 0.00	26.91 -2.86 0.00	23.95 -3.48 1.31	23.90 -3.41 0.61	23.88 -3.51 1.13	23.85 -3.95 4.86	22.06 -4.34 9.44	31.83 -4.34 0.02	32.23 -4.19 0.03	32.32 -4.91 5.11	32.14 -4.26 -0.56	30.78 -3.84 -0.01	24.29 -3.00 0.01	20.83 -2.19 -1.78

MORRIS_RIDGE___SOLAR 323848	26.29 -1.89 0.00	25.04 -1.71 0.00	23.56 -1.72 0.00	22.34 -1.78 0.00	23.05 -1.90 0.00	25.48 -2.28 0.00	29.53 -2.85 0.00	33.14 -3.31 -0.07	31.19 -2.97 0.00	28.78 -2.64 0.00	27.66 -2.74 0.00	27.20 -2.56 0.00	24.39 -2.99 1.36	24.38 -2.87 0.66	24.45 -2.85 1.21	24.51 -3.14 5.02	22.56 -3.48 9.80	32.56 -3.47 0.16	32.69 -3.43 0.33	33.16 -3.68 5.50	32.78 -3.26 -0.20	31.40 -3.12 0.10	24.60 -2.51 0.19	21.36 -1.87 -1.99
MORTIMER_115KV_TB3 55949	26.49 -1.69 0.00	25.28 -1.47 0.00	23.86 -1.42 0.00	22.70 -1.42 0.00	23.55 -1.40 0.00	26.12 -1.64 0.00	30.28 -2.10 0.00	34.25 -2.22 -0.09	31.90 -2.26 0.01	29.66 -1.76 0.00	28.63 -1.76 0.00	28.31 -1.46 0.00	25.41 -2.01 1.32	25.41 -1.90 0.60	25.42 -1.94 1.16	25.53 -2.19 4.95	23.77 -2.44 9.63	33.81 -2.39 -0.01	34.13 -2.33 -0.02	34.51 -2.63 5.21	34.16 -2.29 -0.62	32.34 -2.28 -0.01	25.42 -1.91 -0.03	21.53 -1.04 -1.34
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.21 2.03 0.00	28.55 1.79 0.00	26.94 1.67 0.00	25.74 1.62 0.00	26.62 1.67 0.00	29.67 1.92 0.00	34.81 2.43 0.00	40.44 2.77 -1.29	36.77 2.60 0.00	33.96 2.45 -0.10	32.79 2.37 -0.02	32.07 2.29 -0.02	31.20 2.41 -0.05	31.19 2.35 -0.93	32.61 2.40 -1.69	35.44 2.68 -0.10	38.94 3.08 -0.02	44.05 3.11 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.60 2.83 -13.94	41.47 2.77 -4.09	35.75 2.21 -6.24	32.06 1.55 -9.27
MUNSVILLE_WIND_PWR 323609	29.78 1.61 0.00	28.39 1.63 0.00	26.82 1.54 0.00	25.57 1.45 0.00	26.55 1.60 0.00	29.61 1.86 0.00	34.81 2.43 0.00	39.65 2.69 -0.57	36.36 2.19 0.00	33.08 1.66 0.00	31.77 1.37 0.00	31.07 1.31 0.00	30.64 1.01 -0.90	29.67 0.92 -0.84	31.09 1.03 -1.55	37.25 1.27 -3.31	44.00 1.65 -6.51	40.44 1.84 -2.40	43.73 2.11 -5.16	52.04 2.54 -7.16	44.27 1.86 -6.57	38.27 1.63 -2.03	31.53 1.09 -3.14	24.87 0.76 -2.87
N SALMON___HYD 24042	28.66 0.48 0.00	27.24 0.48 0.00	25.76 0.48 0.00	24.56 0.43 0.00	25.38 0.42 0.00	28.17 0.42 0.00	32.67 0.29 0.00	36.53 0.15 0.00	34.07 -0.10 0.00	31.29 -0.13 0.00	30.34 -0.06 0.00	29.62 -0.15 0.00	28.54 -0.20 0.00	27.58 -0.33 0.00	28.09 -0.43 0.00	32.21 -0.46 0.00	35.02 -0.82 0.00	35.14 -1.05 0.00	35.36 -1.09 0.00	40.99 -1.36 0.00	35.02 -0.82 0.00	33.96 -0.66 0.00	26.94 -0.36 0.00	20.77 -0.47 0.00
N.AKRON__115KV_KNAPP 355671	25.59 -2.59 0.00	24.53 -2.22 0.00	23.10 -2.17 0.00	21.93 -2.20 0.00	22.78 -2.17 0.00	25.15 -2.61 0.00	29.02 -3.37 0.00	32.69 -3.78 -0.09	30.88 -3.28 0.01	28.78 -2.64 0.00	27.66 -2.74 0.00	27.44 -2.32 0.00	24.51 -2.93 1.30	24.47 -2.85 0.60	24.50 -2.88 1.13	24.87 -2.94 4.86	23.39 -3.23 9.23	32.69 -3.51 -0.01	33.05 -3.43 -0.02	33.85 -3.51 4.97	33.04 -3.40 -0.60	31.34 -3.29 -0.01	24.67 -2.65 -0.02	21.19 -1.57 -1.53
N.BELMOR_69_KV_BK1 55787	30.43 2.25 0.00	28.52 1.77 0.00	26.97 1.69 0.00	25.64 1.52 0.00	26.62 1.67 0.00	29.70 1.94 0.00	35.04 2.66 0.00	40.40 2.73 -1.29	36.59 2.43 0.00	33.96 2.54 0.00	32.56 2.16 0.00	31.88 2.11 0.00	31.12 2.39 0.00	31.39 2.65 -0.82	32.76 2.65 -1.59	35.18 2.52 0.00	38.99 3.15 0.00	44.38 3.44 -4.75	50.07 3.35 -10.27	53.63 3.98 -7.30	53.05 3.26 -13.95	41.83 3.12 -4.10	36.21 2.68 -6.24	32.14 1.63 -9.27
N.E_GEN_SANDY PD 24062	29.53 1.35 0.00	27.99 1.23 0.00	26.46 1.19 0.00	25.26 1.13 0.00	26.15 1.20 0.00	29.62 1.36 -0.51	39.05 1.62 -5.05	39.81 1.89 -1.54	35.91 1.74 0.00	32.99 1.57 0.00	31.89 1.49 0.00	31.19 1.43 0.00	30.29 1.55 0.00	30.34 1.51 -0.91	31.78 1.51 -1.75	34.36 1.70 0.00	37.81 1.97 0.00	43.47 1.99 -5.28	49.90 2.04 -11.41	63.06 2.37 -18.35	59.00 1.97 -21.19	42.41 1.90 -5.89	38.70 1.47 -9.93	32.67 1.12 -10.32
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.73 1.55 0.00	28.12 1.36 0.00	26.57 1.29 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.25 1.50 0.00	34.26 1.88 0.00	39.77 2.15 -1.24	36.18 2.02 0.00	33.30 1.88 0.00	32.22 1.82 0.00	31.52 1.76 0.00	30.63 1.90 0.00	30.58 1.87 -0.79	31.95 1.91 -1.52	34.82 2.16 0.00	38.27 2.44 0.00	43.23 2.50 -4.54	48.70 2.44 -9.80	52.15 2.84 -6.97	51.49 2.33 -13.32	40.74 2.22 -3.91	35.01 1.75 -5.97	31.31 1.21 -8.87
N.QUEENS_27_KV_LOAD 356247	30.41 2.23 -0.01	28.77 2.01 -0.01	27.15 1.87 -0.01	25.94 1.81 -0.01	26.83 1.87 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.63 2.95 -1.30	36.83 2.67 0.00	33.95 2.45 -0.08	32.85 2.43 -0.02	32.13 2.35 -0.02	31.28 2.50 -0.04	31.24 2.40 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	39.01 3.15 -0.02	44.09 3.15 -4.75	49.73 3.03 -10.25	53.10 3.47 -7.29	52.57 2.80 -13.94	41.57 2.87 -4.08	35.92 2.37 -6.25	32.21 1.70 -9.28
N.TROY___115KV_TB1 355778	29.28 1.10 0.00	27.75 0.99 0.00	26.24 0.96 0.00	25.06 0.94 0.00	26.00 1.05 0.00	28.98 1.22 0.00	33.84 1.46 0.00	39.75 1.78 -1.58	35.77 1.61 0.00	32.77 1.35 0.00	31.70 1.31 0.00	30.98 1.22 0.00	30.00 1.26 0.00	30.16 1.23 -1.01	31.75 1.28 -1.95	34.23 1.57 0.00	37.52 1.68 0.00	43.59 1.59 -5.80	50.66 1.68 -12.54	53.23 1.95 -8.94	54.58 1.65 -17.09	41.18 1.56 -5.01	36.18 1.23 -7.65	33.48 0.87 -11.37
NARROWS_GT1_1 24228	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT1_2 24229	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT1_3 24230	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT1_4 24231	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28

NARROWS_GT1_5 24232	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT1_6 24233	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT1_7 24234	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT1_8 24235	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_1 24236	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_2 24237	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_3 24238	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_4 24239	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_5 24240	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_6 24241	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_7 24242	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NARROWS_GT2_8 24243	30.50 2.31 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.93 2.17 -0.01	35.18 2.79 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.08 2.58 -0.08	33.12 2.70 -0.02	32.40 2.62 -0.02	31.45 2.67 -0.04	31.34 2.51 -0.91	32.74 2.57 -1.66	35.69 2.94 -0.08	39.40 3.55 -0.02	44.27 3.33 -4.75	49.91 3.21 -10.25	53.36 3.73 -7.29	52.79 3.01 -13.94	41.78 3.08 -4.09	36.11 2.57 -6.25	32.38 1.87 -9.28
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.16 0.99 0.00	27.72 0.96 0.00	26.24 0.96 0.00	25.04 0.92 0.00	25.95 1.00 0.00	29.00 1.25 0.00	33.84 1.46 0.00	38.93 1.06 -1.50	35.50 1.33 0.00	32.67 1.26 0.00	31.55 1.16 0.00	30.78 1.01 0.00	29.83 1.09 0.00	29.45 0.59 -0.95	30.99 0.66 -1.82	34.14 1.47 0.00	37.52 1.68 0.00	42.73 1.12 -5.42	49.46 1.31 -11.70	51.97 1.31 -8.32	52.96 1.22 -15.90	40.31 1.04 -4.66	35.24 0.82 -7.12	32.39 0.57 -10.58
NCHELSEA_115KV_TR2 355582	29.78 1.61 0.00	28.23 1.47 0.00	26.64 1.36 0.00	25.45 1.33 0.00	26.35 1.40 0.00	29.34 1.58 0.00	34.36 1.98 0.00	39.92 2.26 -1.29	36.22 2.05 0.00	33.30 1.88 0.00	32.25 1.85 0.00	31.55 1.79 0.00	30.66 1.93 0.00	30.64 1.90 -0.82	32.04 1.94 -1.58	34.86 2.19 0.00	38.35 2.51 0.00	43.51 2.61 -4.71	49.18 2.55 -10.18	52.54 2.96 -7.24	52.15 2.47 -13.83	41.02 2.35 -4.06	35.32 1.83 -6.19	31.71 1.27 -9.21
NEG CAPITAL___MECHNVIL 23645	29.59 1.41 0.00	28.07 1.31 0.00	26.57 1.29 0.00	25.33 1.21 0.00	26.42 1.47 0.00	29.45 1.69 0.00	34.39 2.01 0.00	40.37 2.40 -1.59	36.36 2.19 0.00	33.24 1.82 0.00	32.13 1.73 0.00	31.34 1.58 0.00	30.34 1.61 0.00	30.55 1.62 -1.02	32.18 1.71 -1.95	34.63 1.96 0.00	38.02 2.19 0.00	43.92 1.84 -5.88	51.12 1.97 -12.70	53.65 2.28 -9.03	55.06 1.97 -17.26	41.51 1.83 -5.06	36.44 1.42 -7.73	33.90 1.19 -11.48

NEG CENTRAL_HIGH_ACRES 23767	26.37 -1.80 0.00	25.10 -1.66 0.00	23.71 -1.57 0.00	22.58 -1.54 0.00	23.43 -1.52 0.00	26.01 -1.75 0.00	30.21 -2.17 0.00	34.16 -2.33 -0.10	31.73 -2.43 0.01	29.47 -1.95 0.00	28.45 -1.95 0.00	28.10 -1.67 0.00	25.33 -2.13 1.28	25.33 -2.01 0.58	25.35 -2.05 1.11	25.49 -2.35 4.83	23.95 -2.54 9.34	33.74 -2.53 -0.08	34.11 -2.51 -0.18	34.56 -2.84 4.94	34.18 -2.47 -0.81	32.19 -2.49 -0.07	25.35 -2.08 -0.13	21.01 -1.51 -1.28
NEG CENTRAL___DRP 24199	27.56 -0.62 0.00	26.22 -0.54 0.00	24.77 -0.51 0.00	23.59 -0.53 0.00	24.43 -0.52 0.00	27.20 -0.56 0.00	31.80 -0.58 0.00	35.82 -0.65 -0.09	33.47 -0.72 -0.02	30.82 -0.60 0.00	29.76 -0.64 0.00	29.20 -0.57 0.00	28.62 -0.83 -0.72	27.56 -0.75 -0.40	28.58 -0.77 -0.83	34.64 -0.85 -2.82	40.30 -0.86 -5.33	35.81 -0.80 -0.41	36.71 -0.66 -0.92	45.26 -0.68 -3.59	36.13 -0.68 -0.97	34.25 -0.76 -0.40	27.10 -0.74 -0.54	22.10 -0.42 -1.30
NEG CENTRAL___INDECK 23768	27.22 -0.96 0.00	25.93 -0.83 0.00	24.44 -0.83 0.00	23.21 -0.92 0.00	24.06 -0.90 0.00	26.67 -1.08 0.00	31.02 -1.36 0.00	34.87 -1.56 -0.05	32.35 -1.81 0.00	29.85 -1.57 0.00	28.63 -1.76 0.00	28.19 -1.58 0.00	25.25 -2.13 1.36	25.21 -2.04 0.67	25.26 -2.02 1.24	25.36 -2.25 5.05	23.60 -2.37 9.87	33.81 -2.17 0.21	34.19 -1.82 0.44	35.03 -1.69 5.62	34.42 -1.47 -0.05	32.91 -1.56 0.15	25.62 -1.42 0.26	21.97 -1.02 -1.76
NEG CENTRAL___SENECA 23627	27.47 -0.70 0.00	26.17 -0.59 0.00	24.67 -0.61 0.00	23.50 -0.63 0.00	24.33 -0.62 0.00	27.09 -0.67 0.00	31.64 -0.74 0.00	35.59 -0.84 -0.04	33.24 -0.96 -0.03	30.63 -0.79 0.00	29.52 -0.88 0.00	28.99 -0.77 0.00	28.69 -1.15 -1.11	27.40 -1.06 -0.54	28.63 -1.06 -1.16	35.90 -1.14 -4.38	42.89 -1.18 -8.23	35.35 -1.09 -0.24	36.07 -0.95 -0.57	46.33 -0.97 -4.97	35.28 -0.93 -0.37	33.86 -1.04 -0.29	26.63 -0.98 -0.32	22.15 -0.55 -1.47
NEG CENTRAL___STATE_STREET 24147	27.78 -0.39 0.00	26.43 -0.32 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.42 -0.33 0.00	32.09 -0.29 0.00	36.30 -0.29 -0.21	33.86 -0.31 0.00	31.16 -0.25 0.00	30.12 -0.27 0.00	29.53 -0.24 0.00	28.75 -0.40 -0.42	27.90 -0.36 -0.34	28.86 -0.31 -0.66	33.90 -0.33 -1.56	38.54 -0.32 -3.03	36.81 -0.25 -0.87	38.14 -0.18 -1.87	45.18 -0.13 -2.97	37.98 -0.22 -2.35	35.05 -0.31 -0.74	28.08 -0.35 -1.13	22.27 -0.19 -1.23
NEG MILLWOOD___DRP 24198	29.95 1.78 0.00	28.36 1.61 0.00	26.79 1.52 0.00	25.60 1.47 0.00	26.47 1.52 0.00	29.50 1.75 0.00	34.52 2.14 0.00	40.19 2.51 -1.30	36.49 2.32 0.00	33.55 2.14 0.00	32.50 2.10 0.00	31.73 1.96 0.00	30.89 2.16 0.00	30.84 2.09 -0.83	32.25 2.14 -1.60	35.12 2.45 0.00	38.63 2.80 0.00	43.82 2.86 -4.76	49.55 2.81 -10.29	52.88 3.22 -7.32	52.51 2.69 -13.99	41.31 2.60 -4.10	35.53 1.97 -6.26	31.92 1.38 -9.31
NEG NORTH_FLCN_SEA 23793	28.83 0.65 0.00	27.42 0.67 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.53 0.57 0.00	28.28 0.53 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.95 0.53 0.00	30.98 0.58 0.00	30.24 0.48 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.66 0.14 0.00	32.76 0.10 0.00	35.62 -0.22 0.00	35.72 -0.47 0.00	35.79 -0.66 0.00	41.45 -0.89 0.00	35.37 -0.47 0.00	34.48 -0.14 0.00	27.38 0.08 0.00	21.15 -0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	28.60 0.42 0.00	27.18 0.43 0.00	25.71 0.43 0.00	24.51 0.39 0.00	25.30 0.35 0.00	28.06 0.31 0.00	32.58 0.19 0.00	36.42 0.04 0.00	34.00 -0.17 0.00	31.26 -0.16 0.00	30.31 -0.09 0.00	29.59 -0.18 0.00	28.48 -0.26 0.00	27.55 -0.36 0.00	28.03 -0.48 0.00	32.05 -0.62 0.00	34.91 -0.93 0.00	35.07 -1.12 0.00	35.21 -1.24 0.00	40.82 -1.52 0.00	34.83 -1.00 0.00	33.89 -0.73 0.00	26.89 -0.41 0.00	20.77 -0.47 0.00
NEG NORTH___ALICE_FALLS 23915	28.88 0.70 0.00	27.48 0.72 0.00	25.96 0.68 0.00	24.78 0.65 0.00	25.58 0.62 0.00	28.34 0.58 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.98 0.58 0.00	30.24 0.48 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.76 0.10 0.00	35.62 -0.22 0.00	35.72 -0.47 0.00	35.83 -0.62 0.00	41.50 -0.85 0.00	35.44 -0.39 0.00	34.48 -0.14 0.00	27.38 0.08 0.00	21.17 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	28.88 0.70 0.00	27.48 0.72 0.00	25.96 0.68 0.00	24.78 0.65 0.00	25.58 0.62 0.00	28.34 0.58 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.98 0.58 0.00	30.24 0.48 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.76 0.10 0.00	35.62 -0.22 0.00	35.72 -0.47 0.00	35.83 -0.62 0.00	41.50 -0.85 0.00	35.44 -0.39 0.00	34.48 -0.14 0.00	27.38 0.08 0.00	21.17 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	28.88 0.70 0.00	27.48 0.72 0.00	25.96 0.68 0.00	24.78 0.65 0.00	25.58 0.62 0.00	28.36 0.61 0.00	33.29 0.91 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.97 0.58 0.00	30.24 0.47 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.80 0.13 0.00	35.62 -0.21 0.00	35.72 -0.47 0.00	35.83 -0.62 0.00	41.50 -0.85 0.00	35.44 -0.39 0.00	34.48 -0.14 0.00	27.38 0.08 0.00	21.09 -0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	25.08 -3.10 0.00	24.08 -2.68 0.00	22.67 -2.60 0.00	21.52 -2.61 0.00	22.31 -2.64 0.00	24.59 -3.16 0.00	28.30 -4.08 0.00	32.07 -4.40 -0.09	30.37 -3.79 0.01	28.34 -3.08 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	23.99 -3.45 1.30	23.99 -3.32 0.60	24.02 -3.36 1.13	24.25 -3.56 4.86	22.57 -3.91 9.36	32.00 -4.20 0.00	32.26 -4.19 -0.01	32.84 -4.45 5.05	32.17 -4.26 -0.59	30.64 -3.98 -0.01	24.17 -3.14 -0.02	20.87 -1.93 -1.57
NEG WEST___LANCASTER 23811	25.50 -2.68 0.00	24.43 -2.33 0.00	22.98 -2.30 0.00	21.78 -2.34 0.00	22.58 -2.37 0.00	24.92 -2.83 0.00	28.82 -3.56 0.00	32.44 -4.04 -0.10	30.71 -3.45 0.01	28.53 -2.89 0.00	27.45 -2.95 0.00	27.14 -2.62 0.00	24.37 -3.07 1.29	24.19 -3.13 0.60	24.23 -3.17 1.12	24.26 -3.59 4.82	22.73 -3.76 9.35	32.29 -3.91 0.00	32.60 -3.86 -0.01	32.44 -4.87 5.03	32.40 -4.05 -0.62	30.86 -3.77 -0.02	24.34 -2.98 -0.02	20.65 -2.36 -1.77
NEG_PENN_ALLEGHNY 23528	27.90 -0.28 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.86 -0.26 0.00	24.70 -0.25 0.00	27.48 -0.28 0.00	32.09 -0.29 0.00	36.41 -0.33 -0.35	33.96 -0.20 0.00	31.29 -0.13 0.00	30.25 -0.15 0.00	29.65 -0.12 0.00	28.11 -0.29 0.33	27.72 -0.25 -0.05	28.41 -0.23 -0.12	31.22 -0.23 1.22	33.23 -0.21 2.39	37.14 -0.25 -1.20	38.79 -0.25 -2.60	42.65 -0.25 -0.56	39.24 -0.29 -3.69	35.35 -0.31 -1.04	28.55 -0.33 -1.58	23.99 -0.25 -3.01
NEG___GEN_MONROE 24207	26.37 -1.80 0.00	25.20 -1.55 0.00	23.79 -1.49 0.00	22.65 -1.47 0.00	23.51 -1.45 0.00	26.09 -1.67 0.00	30.21 -2.17 0.00	34.33 -2.15 -0.09	31.94 -2.22 0.01	29.66 -1.76 0.00	28.57 -1.82 0.00	28.19 -1.58 0.00	25.15 -2.27 1.32	25.16 -2.15 0.60	25.19 -2.17 1.16	25.30 -2.42 4.95	23.47 -2.69 9.68	33.52 -2.68 0.00	33.91 -2.55 -0.01	34.35 -2.75 5.24	34.02 -2.44 -0.61	32.20 -2.42 -0.01	25.33 -1.99 -0.03	21.52 -1.06 -1.35

NEPA__ENERGY 23901	26.01 -2.17 0.00	24.88 -1.87 0.00	23.38 -1.90 0.00	22.17 -1.95 0.00	22.98 -1.97 0.00	25.39 -2.36 0.00	29.34 -3.04 0.00	33.03 -3.46 -0.10	31.22 -2.94 0.01	29.00 -2.42 0.00	27.84 -2.55 0.00	27.56 -2.20 0.00	24.66 -2.79 1.28	24.59 -2.74 0.59	24.62 -2.79 1.10	24.75 -3.14 4.78	23.18 -3.37 9.29	32.84 -3.37 -0.02	33.18 -3.32 -0.05	33.51 -3.85 4.98	33.12 -3.37 -0.66	31.46 -3.18 -0.03	24.80 -2.54 -0.04	21.31 -1.72 -1.79
NEVERSink__HYD 23608	29.59 1.41 0.00	28.07 1.31 0.00	26.49 1.21 0.00	25.31 1.18 0.00	26.17 1.22 0.00	29.17 1.41 0.00	34.20 1.81 0.00	39.74 2.18 -1.18	36.01 1.84 0.00	33.08 1.66 0.00	32.04 1.64 0.00	31.31 1.55 0.00	30.34 1.61 0.00	30.27 1.62 -0.74	31.58 1.65 -1.41	34.59 1.93 0.00	38.02 2.19 0.00	42.78 2.32 -4.26	48.00 2.33 -9.21	51.65 2.75 -6.56	50.70 2.33 -12.54	40.44 2.15 -3.68	34.55 1.64 -5.61	30.76 1.19 -8.34
NEWKRMKL_115KV_TB1 55635	28.88 0.70 0.00	27.42 0.67 0.00	25.93 0.66 0.00	24.75 0.63 0.00	25.65 0.70 0.00	28.53 0.78 0.00	33.29 0.91 0.00	39.01 1.06 -1.57	35.23 1.06 0.00	32.33 0.91 0.00	31.28 0.88 0.00	30.57 0.80 0.00	29.65 0.92 0.00	29.82 0.89 -1.01	31.37 0.91 -1.94	33.78 1.11 0.00	37.02 1.18 0.00	43.06 1.09 -5.78	50.07 1.13 -12.49	52.49 1.27 -8.88	53.89 1.08 -16.98	40.63 1.04 -4.98	35.75 0.85 -7.60	33.15 0.62 -11.30
NEWTON__FALLS_HYD 23847	27.92 -0.25 0.00	26.54 -0.21 0.00	25.10 -0.18 0.00	23.96 -0.17 0.00	24.80 -0.15 0.00	27.59 -0.17 0.00	32.00 -0.39 0.00	35.88 -0.55 -0.04	33.35 -0.82 0.00	30.41 -1.01 0.00	29.30 -1.09 0.00	28.66 -1.10 0.00	27.64 -1.09 0.00	26.83 -1.12 -0.02	27.42 -1.14 -0.05	31.43 -1.24 0.00	34.48 -1.36 0.00	35.00 -1.34 -0.14	35.63 -1.13 -0.31	41.33 -1.23 -0.22	35.29 -0.97 -0.42	33.73 -1.00 -0.12	26.72 -0.76 -0.19	20.85 -0.66 -0.28
NGRID_A1_DSASP 323792	24.85 -3.33 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.76 -0.09	30.09 -4.07 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.80 -3.65 1.29	23.80 -3.52 0.60	23.80 -3.59 1.13	23.73 -4.12 4.82	22.00 -4.52 9.32	31.71 -4.49 -0.01	31.88 -4.59 -0.02	32.06 -5.25 5.03	31.79 -4.66 -0.61	30.30 -4.33 -0.02	23.94 -3.39 -0.03	20.29 -2.53 -1.58
NGRID_A2_DSASP 323793	24.85 -3.33 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.76 -0.09	30.09 -4.07 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.80 -3.65 1.29	23.80 -3.52 0.60	23.80 -3.59 1.13	23.73 -4.12 4.82	22.00 -4.52 9.32	31.71 -4.49 -0.01	31.88 -4.59 -0.02	32.06 -5.25 5.03	31.79 -4.66 -0.61	30.30 -4.33 -0.02	23.94 -3.39 -0.03	20.29 -2.53 -1.58
NGRID_A4_DSASP 323807	24.85 -3.33 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.76 -0.09	30.09 -4.07 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.80 -3.65 1.29	23.80 -3.52 0.60	23.80 -3.59 1.13	23.73 -4.12 4.82	22.00 -4.52 9.32	31.71 -4.49 -0.01	31.88 -4.59 -0.02	32.06 -5.25 5.03	31.79 -4.66 -0.61	30.30 -4.33 -0.02	23.94 -3.39 -0.03	20.29 -2.53 -1.58
NIAGARA_115E_LBMP 323715	24.74 -3.44 0.00	23.68 -3.08 0.00	22.29 -2.98 0.00	21.16 -2.97 0.00	21.96 -2.99 0.00	24.17 -3.58 0.00	27.82 -4.57 0.00	31.53 -4.95 -0.09	29.92 -4.24 0.01	27.93 -3.49 0.00	26.84 -3.56 0.00	26.64 -3.12 0.00	23.65 -3.79 1.29	23.63 -3.69 0.60	23.65 -3.73 1.13	24.07 -3.76 4.84	22.41 -4.09 9.34	31.53 -4.67 0.00	31.73 -4.74 -0.02	32.56 -4.74 5.04	31.64 -4.80 -0.61	30.17 -4.47 -0.02	23.80 -3.52 -0.02	20.19 -2.63 -1.59
NIAGARA_115W_LBMP 323714	24.80 -3.38 0.00	23.73 -3.02 0.00	22.34 -2.93 0.00	21.23 -2.90 0.00	22.01 -2.94 0.00	24.23 -3.53 0.00	27.88 -4.50 0.00	31.60 -4.87 -0.09	29.99 -4.17 0.01	27.99 -3.42 0.00	26.93 -3.47 0.00	26.73 -3.04 0.00	23.74 -3.71 1.29	23.72 -3.60 0.60	23.74 -3.65 1.13	23.63 -4.21 4.82	21.93 -4.59 9.32	31.64 -4.56 -0.01	31.81 -4.67 -0.02	31.94 -5.38 5.02	31.72 -4.73 -0.62	30.24 -4.40 -0.02	23.86 -3.47 -0.03	20.25 -2.57 -1.58
NIAGARA_230_LBMP 323716	25.11 -3.07 0.00	24.00 -2.76 0.00	22.62 -2.65 0.00	21.47 -2.65 0.00	22.26 -2.70 0.00	24.54 -3.22 0.00	28.24 -4.15 0.00	32.00 -4.48 -0.09	30.30 -3.86 0.01	28.31 -3.11 0.00	27.21 -3.19 0.00	27.00 -2.77 0.00	24.00 -3.45 1.29	24.00 -3.32 0.59	24.00 -3.39 1.12	24.00 -3.86 4.81	22.33 -4.19 9.31	32.01 -4.20 -0.01	32.18 -4.30 -0.03	32.46 -4.87 5.01	32.09 -4.37 -0.62	30.58 -4.05 -0.02	24.13 -3.19 -0.03	20.42 -2.38 -1.57
NIAGARA__115KV_198_GIBSON 55903	24.71 -3.47 0.00	23.73 -3.02 0.00	22.34 -2.93 0.00	21.23 -2.89 0.00	22.01 -2.94 0.00	24.23 -3.52 0.00	27.85 -4.53 0.00	31.60 -4.88 -0.09	29.99 -4.17 0.01	27.99 -3.42 0.00	26.93 -3.47 0.00	26.73 -3.04 0.00	23.68 -3.76 1.29	23.69 -3.63 0.60	23.71 -3.68 1.12	23.62 -4.21 4.83	21.83 -4.66 9.34	31.60 -4.60 -0.01	31.80 -4.67 -0.02	31.93 -5.38 5.04	31.69 -4.77 -0.61	30.20 -4.43 -0.02	23.86 -3.47 -0.03	20.67 -2.14 -1.58
NIAGARA____ 23760	25.11 -3.07 0.00	24.00 -2.76 0.00	22.62 -2.65 0.00	21.47 -2.65 0.00	22.26 -2.70 0.00	24.54 -3.22 0.00	28.24 -4.15 0.00	32.00 -4.48 -0.09	30.30 -3.86 0.01	28.31 -3.11 0.00	27.21 -3.19 0.00	27.00 -2.77 0.00	24.00 -3.45 1.29	24.00 -3.32 0.60	24.00 -3.39 1.13	24.00 -3.86 4.81	22.33 -4.19 9.31	32.00 -4.20 -0.01	32.17 -4.30 -0.02	32.46 -4.87 5.02	32.08 -4.37 -0.62	30.58 -4.05 -0.02	24.13 -3.19 -0.03	20.44 -2.38 -1.58
NINE_MILE_1 23575	27.19 -0.99 0.00	25.85 -0.91 0.00	24.42 -0.86 0.00	23.30 -0.82 0.00	24.10 -0.85 0.00	26.81 -0.94 0.00	31.28 -1.10 0.00	35.23 -1.24 -0.08	33.11 -1.06 0.00	30.44 -0.97 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.81 -0.92 0.00	27.07 -0.89 -0.05	27.73 -0.88 -0.10	31.65 -1.01 0.00	34.73 -1.11 0.00	35.40 -1.08 -0.29	35.99 -1.09 -0.63	41.56 -1.23 -0.45	35.58 -1.11 -0.85	33.79 -1.07 -0.25	26.81 -0.87 -0.38	21.17 -0.64 -0.57
NINE_MILE_2 23744	27.22 -0.96 0.00	25.85 -0.91 0.00	24.42 -0.86 0.00	23.30 -0.82 0.00	24.10 -0.85 0.00	26.81 -0.94 0.00	31.28 -1.10 0.00	35.23 -1.24 -0.08	33.11 -1.06 0.00	30.47 -0.94 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.81 -0.92 0.00	27.10 -0.87 -0.05	27.73 -0.88 -0.10	31.65 -1.01 0.00	34.73 -1.11 0.00	35.40 -1.08 -0.29	35.99 -1.09 -0.63	41.56 -1.23 -0.45	35.62 -1.07 -0.85	33.79 -1.07 -0.25	26.81 -0.87 -0.38	21.16 -0.64 -0.57
NM_CAPITAL__DRP 24208	29.02 0.85 0.00	27.53 0.78 0.00	26.03 0.76 0.00	24.85 0.72 0.00	25.75 0.80 0.00	28.64 0.89 0.00	33.45 1.07 0.00	39.19 1.24 -1.57	35.36 1.20 0.00	32.45 1.04 0.00	31.40 1.00 0.00	30.69 0.92 0.00	29.77 1.03 0.00	29.93 1.01 -1.01	31.48 1.03 -1.93	33.88 1.21 0.00	37.16 1.33 0.00	43.23 1.27 -5.76	50.22 1.31 -12.46	52.68 1.48 -8.86	54.03 1.25 -16.93	40.79 1.21 -4.96	35.84 0.96 -7.58	33.20 0.70 -11.27

NM_CENTRAL___DRP 24181	27.64 -0.54 0.00	26.27 -0.48 0.00	24.82 -0.45 0.00	23.67 -0.46 0.00	24.50 -0.45 0.00	27.28 -0.47 0.00	31.87 -0.52 0.00	35.95 -0.55 -0.11	33.76 -0.41 0.00	31.07 -0.35 0.00	30.06 -0.33 0.00	29.47 -0.30 0.00	28.36 -0.37 0.00	27.66 -0.34 -0.07	28.35 -0.31 -0.14	32.31 -0.36 0.00	35.48 -0.36 0.00	36.26 -0.36 -0.42	37.04 -0.33 -0.92	42.66 -0.34 -0.65	36.69 -0.39 -1.25	34.56 -0.42 -0.37	27.47 -0.38 -0.56	21.81 -0.25 -0.83
NM_FRONTIER___DRP 24179	24.71 -3.47 0.00	23.73 -3.02 0.00	22.34 -2.93 0.00	21.23 -2.89 0.00	22.01 -2.94 0.00	24.23 -3.52 0.00	27.85 -4.53 0.00	31.60 -4.88 -0.09	29.99 -4.17 0.01	27.99 -3.42 0.00	26.93 -3.47 0.00	26.73 -3.04 0.00	23.68 -3.76 1.29	23.69 -3.63 0.60	23.71 -3.68 1.12	23.62 -4.21 4.83	21.83 -4.66 9.34	31.60 -4.60 -0.01	31.80 -4.67 -0.02	31.93 -5.38 5.04	31.69 -4.77 -0.61	30.20 -4.43 -0.02	23.86 -3.47 -0.03	20.67 -2.14 -1.58
NM_ST_REGIS___HYD 24053	28.06 -0.11 0.00	26.67 -0.08 0.00	25.23 -0.05 0.00	24.05 -0.07 0.00	24.85 -0.10 0.00	27.59 -0.17 0.00	31.93 -0.45 0.00	35.75 -0.65 -0.02	33.25 -0.92 0.00	30.44 -0.97 0.00	29.46 -0.94 0.00	28.78 -0.98 0.00	27.76 -0.98 0.00	26.87 -1.06 -0.01	27.43 -1.11 -0.03	31.43 -1.24 0.00	34.26 -1.58 0.00	34.61 -1.66 -0.08	34.99 -1.64 -0.18	40.52 -1.95 -0.12	34.68 -1.40 -0.24	33.40 -1.28 -0.07	26.53 -0.87 -0.11	20.63 -0.76 -0.16
NORTHPORT___1 23551	30.38 2.20 0.00	28.47 1.71 0.00	26.97 1.69 0.00	25.62 1.50 0.00	26.60 1.65 0.00	29.53 1.78 0.00	35.07 2.69 0.00	40.37 2.69 -1.29	36.52 2.36 0.00	33.86 2.45 0.00	32.37 1.97 0.00	31.70 1.93 0.00	30.86 2.13 0.00	30.91 2.18 -0.81	32.54 2.45 -1.57	35.47 2.81 0.00	38.92 3.08 0.00	44.49 3.55 -4.75	50.14 3.43 -10.27	53.96 4.32 -7.30	53.26 3.48 -13.95	41.96 3.25 -4.09	36.38 2.84 -6.24	32.19 1.68 -9.28
NORTHPORT___2 23552	30.38 2.20 0.00	28.47 1.71 0.00	26.97 1.69 0.00	25.62 1.50 0.00	26.60 1.65 0.00	29.53 1.78 0.00	35.07 2.69 0.00	40.37 2.69 -1.29	36.52 2.36 0.00	33.86 2.45 0.00	32.37 1.97 0.00	31.70 1.93 0.00	30.86 2.13 0.00	30.91 2.18 -0.81	32.54 2.45 -1.57	35.47 2.81 0.00	38.92 3.08 0.00	44.49 3.55 -4.75	50.14 3.43 -10.27	53.96 4.32 -7.30	53.26 3.48 -13.95	41.96 3.25 -4.09	36.38 2.84 -6.24	32.19 1.68 -9.28
NORTHPORT___3 23553	30.07 1.89 0.00	28.23 1.47 0.00	26.72 1.44 0.00	25.40 1.28 0.00	26.35 1.40 0.00	29.25 1.50 0.00	34.65 2.27 0.00	40.01 2.33 -1.29	36.18 2.02 0.00	33.58 2.17 0.00	32.16 1.76 0.00	31.52 1.76 0.00	30.74 2.01 0.00	30.77 2.04 -0.81	32.39 2.31 -1.57	35.24 2.58 0.00	38.67 2.83 0.00	44.16 3.22 -4.75	49.23 2.51 -10.27	52.77 3.13 -7.29	52.32 2.54 -13.94	41.65 2.94 -4.09	36.08 2.54 -6.24	31.99 1.49 -9.28
NORTHPORT___4 23650	30.07 1.89 0.00	28.23 1.47 0.00	26.72 1.44 0.00	25.40 1.28 0.00	26.35 1.40 0.00	29.25 1.50 0.00	34.65 2.27 0.00	40.01 2.33 -1.29	36.18 2.02 0.00	33.58 2.17 0.00	32.16 1.76 0.00	31.52 1.76 0.00	30.74 2.01 0.00	30.77 2.04 -0.81	32.39 2.31 -1.57	35.24 2.58 0.00	38.67 2.83 0.00	44.16 3.22 -4.75	49.23 2.51 -10.27	52.77 3.13 -7.29	52.32 2.54 -13.94	41.65 2.94 -4.09	36.08 2.54 -6.24	31.99 1.49 -9.28
NORTHPORT___IC 23718	30.52 2.34 0.00	28.47 1.71 0.00	26.97 1.69 0.00	25.62 1.50 0.00	26.60 1.65 0.00	29.64 1.89 0.00	35.20 2.82 0.00	40.40 2.73 -1.29	36.53 2.36 0.00	33.89 2.48 0.00	32.43 2.04 0.00	31.70 1.93 0.00	31.00 2.27 0.00	31.25 2.51 -0.82	32.58 2.48 -1.59	34.95 2.29 0.00	38.92 3.08 0.00	44.42 3.47 -4.75	50.14 3.43 -10.26	53.96 4.32 -7.30	53.26 3.48 -13.95	41.96 3.25 -4.09	36.38 2.84 -6.24	32.14 1.63 -9.27
NORTH___COUNTRY_ESR 323785	28.54 0.37 0.00	27.13 0.37 0.00	25.63 0.35 0.00	24.46 0.34 0.00	25.25 0.30 0.00	28.00 0.25 0.00	32.51 0.13 0.00	36.35 -0.04 0.00	33.93 -0.24 0.00	31.20 -0.22 0.00	30.25 -0.15 0.00	29.56 -0.21 0.00	28.45 -0.29 0.00	27.53 -0.39 0.00	28.00 -0.51 0.00	32.05 -0.62 0.00	34.83 -1.00 0.00	34.96 -1.23 0.00	35.10 -1.35 0.00	40.69 -1.65 0.00	34.73 -1.11 0.00	33.78 -0.83 0.00	26.81 -0.49 0.00	20.66 -0.57 0.00
NPX_GEN_1385_PROXY 323591	30.57 2.39 0.00	28.47 1.71 0.00	26.97 1.69 0.00	25.62 1.50 0.00	26.60 1.65 0.00	29.53 1.78 0.00	35.67 3.18 -0.11	40.44 2.76 -1.29	36.49 2.32 0.00	33.83 2.42 0.00	32.13 1.73 0.00	31.25 1.49 0.00	30.23 1.49 0.00	30.29 1.56 -0.81	32.11 2.02 -1.57	35.28 2.61 0.00	38.67 2.83 0.00	44.49 3.55 -4.75	50.14 3.43 -10.27	54.43 4.78 -7.30	53.51 3.73 -13.95	41.96 3.25 -4.09	36.57 3.03 -6.24	32.19 1.68 -9.28
NPX_GEN_CSC 323557	30.07 1.89 0.00	28.04 1.28 0.00	26.82 1.54 0.00	25.43 1.30 0.00	26.22 1.27 0.00	28.53 0.78 0.00	34.10 1.72 0.00	39.35 1.67 -1.29	35.26 1.09 0.00	32.51 1.10 0.00	31.10 0.70 0.00	30.74 0.98 0.00	30.54 1.81 0.00	29.60 0.87 -0.81	30.97 0.88 -1.57	33.61 0.95 0.00	37.91 2.08 0.00	44.56 3.62 -4.75	50.65 3.94 -10.27	55.62 5.97 -7.30	54.59 4.80 -13.95	42.76 4.05 -4.10	37.01 3.47 -6.24	32.10 1.59 -9.28
NSINS_S___GLNS_FALLS 23858	29.64 1.47 0.00	28.09 1.34 0.00	26.62 1.34 0.00	25.40 1.28 0.00	26.45 1.50 0.00	29.50 1.75 0.00	34.46 2.07 0.00	40.57 2.58 -1.61	36.49 2.32 0.00	33.30 1.88 0.00	32.19 1.79 0.00	31.37 1.61 0.00	30.34 1.61 0.00	30.57 1.62 -1.03	32.21 1.71 -1.98	34.89 2.22 0.00	37.38 1.54 0.00	43.51 1.41 -5.90	50.77 1.57 -12.76	53.25 1.82 -9.08	54.81 1.61 -17.36	41.16 1.45 -5.09	36.22 1.15 -7.77	33.57 0.79 -11.55
NUCOR_STEEL___DRP 24197	27.87 -0.31 0.00	26.51 -0.24 0.00	25.05 -0.23 0.00	23.91 -0.22 0.00	24.73 -0.22 0.00	27.53 -0.22 0.00	32.19 -0.19 0.00	36.41 -0.18 -0.21	33.96 -0.21 0.00	31.29 -0.13 0.00	30.22 -0.18 0.00	29.61 -0.15 0.00	28.68 -0.29 -0.23	27.92 -0.25 -0.25	28.73 -0.26 -0.47	33.24 -0.26 -0.83	37.26 -0.22 -1.64	36.85 -0.18 -0.83	38.10 -0.15 -1.80	44.41 -0.08 -2.15	38.02 -0.14 -2.33	35.08 -0.24 -0.71	28.12 -0.27 -1.09	22.28 -0.13 -1.17
NUMBER_THREE_WT_PWR 323818	28.32 0.14 0.00	26.94 0.19 0.00	25.48 0.20 0.00	24.29 0.17 0.00	25.20 0.25 0.00	28.09 0.33 0.00	32.61 0.23 0.00	36.58 0.15 -0.05	34.03 -0.14 0.00	30.98 -0.44 0.00	29.70 -0.70 0.00	29.05 -0.71 0.00	28.05 -0.69 0.00	27.25 -0.70 -0.03	27.89 -0.68 -0.06	31.98 -0.69 0.00	35.19 -0.64 0.00	35.87 -0.51 -0.18	36.60 -0.25 -0.40	42.46 -0.17 -0.28	36.20 -0.18 -0.54	34.50 -0.28 -0.16	27.27 -0.27 -0.24	21.30 -0.30 -0.36
NYISO_LBMP_REFERENCE 24008	28.18 0.00 0.00	26.76 0.00 0.00	25.28 0.00 0.00	24.12 0.00 0.00	24.95 0.00 0.00	27.75 0.00 0.00	32.38 0.00 0.00	36.38 0.00 0.00	34.17 0.00 0.00	31.42 0.00 0.00	30.40 0.00 0.00	29.76 0.00 0.00	28.74 0.00 0.00	27.92 0.00 0.00	28.52 0.00 0.00	32.67 0.00 0.00	35.84 0.00 0.00	36.20 0.00 0.00	36.45 0.00 0.00	42.34 0.00 0.00	35.84 0.00 0.00	34.61 0.00 0.00	27.30 0.00 0.00	21.23 0.00 0.00

NYPA_BRENTWD____GT 24164	30.54	28.58	27.12	25.77	26.70	29.53	35.10	40.48	36.52	33.83	32.34	31.76	31.06	30.91	32.48	35.37	39.06	44.89	50.69	54.76	53.94	42.55	36.76	32.36
	2.37	1.82	1.84	1.64	1.75	1.78	2.72	2.80	2.36	2.42	1.95	1.99	2.33	2.18	2.40	2.71	3.23	3.95	3.97	5.12	4.16	3.84	3.22	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	0.00	0.00	0.00	0.00	0.00	-0.81	-1.57	0.00	0.00	-4.75	-10.27	-7.30	-13.95	-4.10	-6.24	-9.28
NYPA_GOWANUS____GT5 24156	30.50	28.85	27.23	25.99	26.88	29.93	35.14	40.81	37.11	34.08	33.09	32.40	31.45	31.31	32.74	35.66	39.37	44.27	49.91	53.32	52.79	41.75	36.09	32.36
	2.31	2.09	1.95	1.86	1.92	2.17	2.75	3.13	2.94	2.58	2.68	2.62	2.67	2.48	2.57	2.91	3.51	3.33	3.21	3.68	3.01	3.05	2.54	1.85
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA_GOWANUS____GT6 24157	30.50	28.85	27.23	25.99	26.88	29.93	35.14	40.81	37.11	34.08	33.09	32.40	31.45	31.31	32.74	35.66	39.37	44.27	49.91	53.32	52.79	41.75	36.09	32.36
	2.31	2.09	1.95	1.86	1.92	2.17	2.75	3.13	2.94	2.58	2.68	2.62	2.67	2.48	2.57	2.91	3.51	3.33	3.21	3.68	3.01	3.05	2.54	1.85
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA_HARLEM__RVR__GT1 24160	30.38	28.74	27.13	25.92	26.81	29.81	34.98	40.56	36.80	33.88	32.81	32.09	31.19	31.13	32.53	35.42	38.93	44.02	49.66	53.06	52.53	41.54	35.89	32.23
	2.20	1.98	1.84	1.79	1.85	2.05	2.59	2.87	2.63	2.39	2.40	2.32	2.41	2.32	2.37	2.68	3.08	3.07	2.95	3.43	2.76	2.84	2.35	1.72
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.01	-0.01	-0.04	-0.90	-1.65	-0.08	-0.01	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA_HARLEM__RVR__GT2 24161	30.38	28.74	27.13	25.92	26.81	29.81	34.98	40.56	36.80	33.88	32.81	32.09	31.19	31.13	32.53	35.42	38.93	44.02	49.66	53.06	52.53	41.54	35.89	32.23
	2.20	1.98	1.84	1.79	1.85	2.05	2.59	2.87	2.63	2.39	2.40	2.32	2.41	2.32	2.37	2.68	3.08	3.07	2.95	3.43	2.76	2.84	2.35	1.72
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.01	-0.01	-0.04	-0.90	-1.65	-0.08	-0.01	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA_KENT____GT 24152	30.44	28.79	27.18	25.96	26.85	29.87	35.08	40.74	37.04	34.08	33.03	32.34	31.39	31.31	32.71	35.66	39.26	44.23	49.88	53.28	52.75	41.71	36.00	32.32
	2.26	2.03	1.90	1.83	1.90	2.11	2.69	3.06	2.87	2.58	2.61	2.56	2.61	2.48	2.54	2.91	3.41	3.29	3.17	3.64	2.97	3.01	2.46	1.80
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA_POUCH1____GT 24155	30.47	28.82	27.20	25.99	26.88	29.90	35.14	40.74	37.07	33.95	33.06	32.34	31.39	31.20	32.60	35.53	39.33	44.13	49.77	53.19	52.64	41.68	36.09	32.36
	2.28	2.06	1.92	1.86	1.92	2.14	2.75	3.06	2.90	2.45	2.64	2.56	2.61	2.37	2.42	2.78	3.48	3.19	3.06	3.56	2.87	2.98	2.54	1.85
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA_VERNON____GT2 24162	30.38	28.74	27.13	25.92	26.80	29.81	35.01	40.67	36.97	34.04	32.97	32.25	31.34	31.28	32.69	35.63	39.15	44.16	49.80	53.19	52.68	41.64	35.92	32.26
	2.20	1.98	1.84	1.79	1.85	2.05	2.62	2.98	2.80	2.54	2.55	2.47	2.56	2.46	2.51	2.88	3.29	3.22	3.10	3.56	2.90	2.94	2.37	1.74
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA_VERNON____GT3 24163	30.38	28.74	27.13	25.92	26.80	29.81	35.01	40.67	36.97	34.04	32.97	32.25	31.34	31.28	32.69	35.63	39.15	44.16	49.80	53.19	52.68	41.64	35.92	32.26
	2.20	1.98	1.84	1.79	1.85	2.05	2.62	2.98	2.80	2.54	2.55	2.47	2.56	2.46	2.51	2.88	3.29	3.22	3.10	3.56	2.90	2.94	2.37	1.74
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA__ASTORIA_CC1 323568	30.36	28.74	27.13	25.89	26.81	29.81	34.98	40.63	36.93	34.01	32.94	32.22	31.31	31.25	32.66	35.56	39.12	44.13	49.73	53.15	52.61	41.61	35.89	32.23
	2.17	1.98	1.84	1.76	1.85	2.05	2.59	2.95	2.77	2.51	2.52	2.44	2.53	2.43	2.48	2.81	3.26	3.19	3.02	3.51	2.83	2.91	2.35	1.72
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA__ASTORIA_CC2 323569	30.36	28.74	27.13	25.89	26.81	29.81	34.98	40.63	36.93	34.01	32.94	32.22	31.31	31.25	32.66	35.56	39.12	44.13	49.73	53.15	52.61	41.61	35.89	32.23
	2.17	1.98	1.84	1.76	1.85	2.05	2.59	2.95	2.77	2.51	2.52	2.44	2.53	2.43	2.48	2.81	3.26	3.19	3.02	3.51	2.83	2.91	2.35	1.72
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.02	-0.02	-0.04	-0.91	-1.66	-0.08	-0.02	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA__HOLTSVILL 23794	30.26	28.23	26.97	25.57	26.45	28.89	34.46	39.79	35.67	32.92	31.49	31.13	30.77	30.07	31.48	34.20	38.38	44.85	50.91	55.57	54.59	42.90	37.03	32.23
	2.09	1.47	1.69	1.45	1.50	1.14	2.07	2.11	1.50	1.51	1.09	1.37	2.04	1.34	1.40	1.54	2.54	3.91	4.19	5.93	4.80	4.19	3.50	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	0.00	0.00	0.00	0.00	0.00	-0.81	-1.57	0.00	0.00	-4.75	-10.27	-7.30	-13.95	-4.10	-6.24	-9.28
NYPA__HELLGATE_GT1 24158	30.38	28.74	27.13	25.92	26.81	29.81	34.98	40.56	36.80	33.88	32.81	32.09	31.19	31.13	32.53	35.42	38.93	44.02	49.66	53.06	52.53	41.54	35.89	32.23
	2.20	1.98	1.84	1.79	1.85	2.05	2.59	2.87	2.63	2.39	2.40	2.32	2.41	2.32	2.37	2.68	3.08	3.07	2.95	3.43	2.76	2.84	2.35	1.72
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.01	-0.01	-0.04	-0.90	-1.65	-0.08	-0.01	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYPA__HELLGATE_GT2 24159	30.38	28.74	27.13	25.92	26.81	29.81	34.98	40.56	36.80	33.88	32.81	32.09	31.19	31.13	32.53	35.42	38.93	44.02	49.66	53.06	52.53	41.54	35.89	32.23
	2.20	1.98	1.84	1.79	1.85	2.05	2.59	2.87	2.63	2.39	2.40	2.32	2.41	2.32	2.37	2.68	3.08	3.07	2.95	3.43	2.76	2.84	2.35	1.72
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.30	0.00	-0.08	-0.01	-0.01	-0.04	-0.90	-1.65	-0.08	-0.01	-4.75	-10.25	-7.29	-13.94	-4.09	-6.25	-9.28
NYS_BARGE__HYD 23848	25.13	24.05	22.65	21.50	22.31	24.59	28.33	32.07	30.37	28.34	27.24	27.03	24.04	24.02	24.01	24.31	22.72	32.04	32.27	32.93	32.21	30.68	24.18	20.43
	-3.04	-2.70	-2.63	-2.63	-2.65	-3.16	-4.05	-4.40	-3.79	-3.08	-3.16	-2.74	-3.39	-3.29	-3.37	-3.49	-3.76	-4.16	-4.19	-4.36	-4.23	-3.95	-3.14	-2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.01	0.00	0.00	0.00	1.30	0.60	1.14	4.87	9.36	0.00	-0.01	5.05	-0.60	-0.01	-0.02	-1.56

OAK ORCHARD___HYD 24046	26.54 -1.64 0.00	25.28 -1.47 0.00	23.86 -1.41 0.00	22.70 -1.42 0.00	23.56 -1.40 0.00	26.12 -1.64 0.00	30.28 -2.10 0.00	34.25 -2.22 -0.09	31.94 -2.22 0.01	29.69 -1.73 0.00	28.63 -1.76 0.00	28.31 -1.46 0.00	25.49 -1.95 1.29	25.46 -1.87 0.59	25.45 -1.94 1.13	25.64 -2.19 4.84	24.03 -2.40 9.40	33.82 -2.39 -0.02	34.15 -2.33 -0.03	34.69 -2.58 5.07	34.17 -2.29 -0.62	32.34 -2.29 -0.01	25.45 -1.88 -0.03	21.21 -1.36 -1.34
OAKDALE___35_KV_LOAD 356122	27.87 -0.31 0.00	26.49 -0.27 0.00	25.00 -0.28 0.00	23.83 -0.29 0.00	24.68 -0.27 0.00	27.42 -0.33 0.00	32.03 -0.36 0.00	36.29 -0.44 -0.34	33.83 -0.34 0.00	31.16 -0.25 0.00	30.09 -0.30 0.00	29.53 -0.24 0.00	27.91 -0.40 0.42	27.55 -0.36 0.01	28.19 -0.34 -0.01	30.72 -0.39 1.55	32.40 -0.39 3.04	36.97 -0.33 -1.10	38.50 -0.33 -2.38	42.06 -0.34 -0.06	38.92 -0.36 -3.44	35.19 -0.38 -0.96	28.39 -0.35 -1.45	23.99 -0.23 -2.99
OCC_CHEM___DRP 24175	24.80 -3.38 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.77 -0.09	30.06 -4.10 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.77 -3.68 1.29	23.75 -3.57 0.60	23.80 -3.59 1.12	23.69 -4.15 4.83	21.94 -4.55 9.35	31.68 -4.52 0.00	31.91 -4.56 -0.02	32.01 -5.29 5.04	31.79 -4.66 -0.61	30.27 -4.36 -0.02	23.91 -3.41 -0.02	20.74 -2.08 -1.58
OH_GEN_PROXY 24063	25.16 -3.01 0.00	24.05 -2.70 0.00	22.67 -2.60 0.00	21.52 -2.61 0.00	22.31 -2.65 0.00	24.59 -3.16 0.00	28.33 -4.05 0.00	32.07 -4.40 -0.09	30.40 -3.76 0.01	28.37 -3.05 0.00	27.27 -3.13 0.00	27.06 -2.71 0.00	24.09 -3.36 1.28	24.06 -3.27 0.59	24.09 -3.31 1.12	24.08 -3.79 4.80	22.43 -4.12 9.29	32.12 -4.09 -0.01	32.30 -4.19 -0.04	32.56 -4.78 4.99	32.21 -4.27 -0.64	30.66 -3.98 -0.02	24.20 -3.14 -0.04	20.47 -2.34 -1.57
OLIN_CORP_DRP 24177	24.74 -3.44 0.00	23.73 -3.02 0.00	22.37 -2.91 0.00	21.23 -2.89 0.00	22.01 -2.94 0.00	24.23 -3.52 0.00	27.88 -4.44 0.00	31.64 -4.76 -0.09	29.99 -4.17 0.01	27.99 -3.42 0.00	26.90 -3.50 0.00	26.70 -3.07 0.00	23.68 -3.76 1.29	23.66 -3.66 0.60	23.71 -3.68 1.13	24.07 -3.76 4.84	22.37 -4.12 9.35	31.60 -4.60 0.00	31.83 -4.63 -0.01	32.56 -4.74 5.04	31.71 -4.73 -0.61	30.20 -4.43 -0.01	23.85 -3.47 -0.02	20.66 -2.17 -1.60
OLIN_CORP_DSASP 323712	24.85 -3.33 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.76 -0.09	30.09 -4.07 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.80 -3.65 1.29	23.80 -3.52 0.60	23.80 -3.59 1.13	23.73 -4.12 4.82	22.00 -4.52 9.32	31.71 -4.49 -0.01	31.88 -4.59 -0.02	32.06 -5.25 5.03	31.79 -4.66 -0.61	30.30 -4.33 -0.02	23.94 -3.39 -0.03	20.29 -2.53 -1.58
ONEIDA_HERK_LFGE 323681	28.54 0.37 0.00	27.13 0.37 0.00	25.66 0.38 0.00	24.46 0.34 0.00	25.35 0.40 0.00	28.25 0.50 0.00	32.93 0.55 0.00	37.01 0.58 -0.04	34.58 0.41 0.00	31.61 0.19 0.00	30.46 0.06 0.00	29.82 0.06 0.00	28.76 0.03 0.00	27.97 0.03 -0.03	28.63 0.06 -0.05	32.80 0.13 0.00	36.09 0.25 0.00	36.68 0.33 -0.16	37.28 0.47 -0.35	43.19 0.59 -0.25	36.75 0.43 -0.48	35.10 0.35 -0.14	27.73 0.22 -0.22	21.66 0.11 -0.32
ONEIDA___115KV_TB4 55905	28.60 0.42 0.00	27.21 0.45 0.00	25.71 0.43 0.00	24.53 0.41 0.00	25.43 0.47 0.00	28.34 0.58 0.00	33.10 0.71 0.00	37.26 0.80 -0.08	34.85 0.68 0.00	31.92 0.50 0.00	30.79 0.40 0.00	30.18 0.42 0.00	29.08 0.34 0.00	28.30 0.34 -0.05	29.01 0.40 -0.10	33.16 0.49 0.00	36.52 0.68 0.00	37.24 0.76 -0.29	37.95 0.87 -0.62	43.89 1.10 -0.44	37.51 0.82 -0.85	35.59 0.73 -0.25	28.17 0.49 -0.38	22.16 0.36 -0.56
ONONDAGA_REF_OCCRA 23987	27.75 -0.42 0.00	26.38 -0.37 0.00	24.92 -0.35 0.00	23.76 -0.36 0.00	24.60 -0.35 0.00	27.39 -0.36 0.00	32.00 -0.39 0.00	36.16 -0.40 -0.18	33.90 -0.27 0.00	31.16 -0.25 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.59 -0.32 -0.18	27.87 -0.25 -0.21	28.64 -0.26 -0.38	33.05 -0.26 -0.64	36.85 -0.25 -1.26	36.68 -0.22 -0.71	37.79 -0.18 -1.52	43.93 -0.17 -1.76	37.57 -0.25 -1.98	34.94 -0.28 -0.60	27.92 -0.30 -0.93	22.07 -0.19 -1.03
ONONDAGA___COGEN 23986	27.78 -0.39 0.00	26.41 -0.35 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.39 -0.36 0.00	32.03 -0.36 0.00	36.11 -0.40 -0.13	33.86 -0.31 0.00	31.20 -0.22 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.52 -0.29 -0.08	27.79 -0.25 -0.12	28.53 -0.23 -0.24	32.70 -0.26 -0.29	36.15 -0.25 -0.56	36.45 -0.25 -0.51	37.33 -0.22 -1.10	43.22 -0.21 -1.09	37.01 -0.29 -1.46	34.74 -0.31 -0.44	27.64 -0.33 -0.67	22.00 -0.19 -0.96
ONTARIO___LFGE 23819	27.50 -0.68 0.00	26.17 -0.59 0.00	24.67 -0.61 0.00	23.50 -0.63 0.00	24.33 -0.62 0.00	27.09 -0.67 0.00	31.64 -0.74 0.00	35.59 -0.84 -0.04	33.24 -0.96 -0.03	30.63 -0.78 0.00	29.52 -0.88 0.00	28.99 -0.77 0.00	28.71 -1.12 -1.10	27.39 -1.06 -0.54	28.61 -1.05 -1.15	35.86 -1.14 -4.34	42.81 -1.18 -8.15	35.35 -1.08 -0.24	36.07 -0.95 -0.56	46.29 -0.97 -4.92	35.27 -0.93 -0.37	33.90 -1.00 -0.29	26.66 -0.96 -0.31	22.01 -0.70 -1.47
ORANGEVILLE_WT_PWR 323706	25.84 -2.34 0.00	24.64 -2.11 0.00	23.20 -2.07 0.00	21.95 -2.17 0.00	22.68 -2.27 0.00	25.04 -2.72 0.00	28.95 -3.43 0.00	32.57 -3.89 -0.08	30.71 -3.45 0.00	28.46 -2.95 0.00	27.36 -3.04 0.00	27.00 -2.77 0.00	24.12 -3.28 1.34	24.12 -3.15 0.64	24.17 -3.17 1.18	24.18 -3.53 4.96	22.32 -3.87 9.65	32.18 -3.91 0.11	32.33 -3.90 0.22	32.67 -4.32 5.35	32.30 -3.87 -0.33	30.92 -3.63 0.06	24.28 -2.89 0.12	20.90 -2.21 -1.87
ORANGEVILLE___ESR 323794	25.84 -2.34 0.00	24.64 -2.11 0.00	23.20 -2.07 0.00	21.95 -2.17 0.00	22.68 -2.27 0.00	25.04 -2.72 0.00	28.95 -3.43 0.00	32.57 -3.89 -0.08	30.71 -3.45 0.00	28.46 -2.95 0.00	27.36 -3.04 0.00	27.00 -2.77 0.00	24.12 -3.28 1.34	24.12 -3.15 0.64	24.17 -3.17 1.18	24.18 -3.53 4.96	22.32 -3.87 9.65	32.18 -3.91 0.11	32.33 -3.90 0.22	32.67 -4.32 5.35	32.30 -3.87 -0.33	30.92 -3.63 0.06	24.28 -2.89 0.12	20.90 -2.21 -1.87
OSWEGATCHIE___HYD 24044	27.92 -0.25 0.00	26.54 -0.21 0.00	25.10 -0.18 0.00	23.96 -0.17 0.00	24.80 -0.15 0.00	27.62 -0.14 0.00	32.00 -0.39 0.00	35.88 -0.54 -0.04	33.35 -0.82 0.00	30.41 -1.01 0.00	29.30 -1.09 0.00	28.66 -1.10 0.00	27.64 -1.09 0.00	26.82 -1.12 -0.02	27.42 -1.14 -0.05	31.43 -1.24 0.00	34.48 -1.36 0.00	35.00 -1.34 -0.14	35.63 -1.13 -0.31	41.33 -1.23 -0.22	35.25 -1.00 -0.42	33.73 -1.00 -0.12	26.72 -0.76 -0.19	20.83 -0.68 -0.28
OSWEGO___5 23606	27.36 -0.82 0.00	26.01 -0.75 0.00	24.57 -0.71 0.00	23.45 -0.68 0.00	24.25 -0.70 0.00	26.98 -0.78 0.00	31.48 -0.91 0.00	35.46 -1.02 -0.09	33.32 -0.85 0.00	30.66 -0.75 0.00	29.64 -0.76 0.00	29.05 -0.71 0.00	27.99 -0.75 0.00	27.25 -0.73 -0.06	27.92 -0.71 -0.11	31.85 -0.82 0.00	34.94 -0.89 0.00	35.66 -0.87 -0.34	36.31 -0.88 -0.73	41.89 -0.97 -0.52	35.97 -0.86 -0.99	34.04 -0.86 -0.29	27.03 -0.71 -0.45	21.36 -0.53 -0.66

OSWEGO___6 23613	27.36 -0.82 0.00	26.01 -0.75 0.00	24.57 -0.71 0.00	23.45 -0.68 0.00	24.25 -0.70 0.00	26.98 -0.78 0.00	31.48 -0.91 0.00	35.46 -1.02 -0.09	33.32 -0.85 0.00	30.66 -0.75 0.00	29.64 -0.76 0.00	29.05 -0.71 0.00	27.99 -0.75 0.00	27.25 -0.73 -0.06	27.92 -0.71 -0.11	31.85 -0.82 0.00	34.94 -0.89 0.00	35.66 -0.87 -0.34	36.31 -0.88 -0.73	41.89 -0.97 -0.52	35.97 -0.86 -0.99	34.04 -0.86 -0.29	27.03 -0.71 -0.45	21.36 -0.53 -0.66
OUTOKUMPU-AB___DRP 24206	25.25 -2.93 0.00	24.24 -2.51 0.00	22.82 -2.45 0.00	21.64 -2.48 0.00	22.46 -2.50 0.00	24.73 -3.03 0.00	28.50 -3.89 0.00	32.33 -4.15 -0.09	30.64 -3.52 0.01	28.59 -2.83 0.00	27.48 -2.92 0.00	27.26 -2.50 0.00	24.22 -3.22 1.30	24.19 -3.13 0.60	24.25 -3.14 1.13	24.33 -3.50 4.84	22.65 -3.83 9.36	32.25 -3.95 0.00	32.49 -3.97 -0.01	32.85 -4.45 5.05	32.35 -4.09 -0.60	30.82 -3.81 -0.01	24.34 -2.98 -0.02	20.99 -1.85 -1.61
OXBOW___BTM 323836	25.05 -3.13 0.00	24.00 -2.76 0.00	22.60 -2.68 0.00	21.42 -2.70 0.00	22.23 -2.72 0.00	24.48 -3.28 0.00	28.21 -4.18 0.00	31.96 -4.51 -0.09	30.33 -3.83 0.01	28.31 -3.11 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	24.02 -3.42 1.29	24.00 -3.32 0.60	24.02 -3.37 1.13	24.01 -3.82 4.83	22.35 -4.16 9.34	32.00 -4.20 0.00	32.16 -4.30 -0.02	32.44 -4.87 5.03	32.07 -4.37 -0.61	30.58 -4.05 -0.02	24.13 -3.19 -0.02	20.43 -2.40 -1.60
OXBOW____ 24026	24.99 -3.18 0.00	24.00 -2.76 0.00	22.60 -2.68 0.00	21.42 -2.70 0.00	22.23 -2.72 0.00	24.48 -3.27 0.00	28.17 -4.21 0.00	31.96 -4.51 -0.09	30.33 -3.83 0.01	28.31 -3.11 0.00	27.24 -3.16 0.00	27.03 -2.74 0.00	23.96 -3.48 1.29	23.97 -3.35 0.60	24.00 -3.39 1.13	24.01 -3.82 4.84	22.29 -4.19 9.35	31.96 -4.23 0.00	32.16 -4.30 -0.01	32.43 -4.87 5.04	32.04 -4.41 -0.61	30.55 -4.08 -0.02	24.10 -3.22 -0.02	20.85 -1.97 -1.60
OXY_CHEM_DSASP 323612	24.80 -3.38 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.77 -0.09	30.06 -4.10 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.77 -3.68 1.29	23.75 -3.57 0.60	23.80 -3.59 1.12	23.69 -4.15 4.83	21.94 -4.55 9.35	31.68 -4.52 0.00	31.91 -4.56 -0.02	32.01 -5.29 5.04	31.79 -4.66 -0.61	30.27 -4.36 -0.02	23.91 -3.41 -0.02	20.74 -2.08 -1.58
OZONE_PARK_ESR 323760	30.43 2.25 0.00	28.76 2.01 0.00	27.15 1.87 0.00	25.93 1.81 0.00	26.82 1.87 0.00	29.89 2.14 0.00	35.07 2.69 0.00	40.73 3.06 -1.29	37.07 2.90 0.00	34.25 2.76 -0.07	33.06 2.64 -0.01	32.34 2.56 -0.01	31.44 2.67 -0.04	31.44 2.62 -0.90	32.86 2.68 -1.66	35.74 3.01 -0.07	39.26 3.40 -0.01	44.42 3.47 -4.75	50.09 3.39 -10.25	53.53 3.90 -7.29	52.96 3.19 -13.93	41.78 3.08 -4.08	35.99 2.46 -6.24	32.25 1.74 -9.27
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.80 -3.38 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.77 -0.09	30.06 -4.10 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.77 -3.68 1.29	23.75 -3.57 0.60	23.80 -3.59 1.12	23.69 -4.15 4.83	21.94 -4.55 9.35	31.68 -4.52 0.00	31.91 -4.56 -0.02	32.01 -5.29 5.04	31.79 -4.66 -0.61	30.27 -4.36 -0.02	23.91 -3.41 -0.02	20.74 -2.08 -1.58
PACKARD___115KV_DUPONT_184 80571	24.80 -3.38 0.00	23.81 -2.94 0.00	22.42 -2.86 0.00	21.28 -2.85 0.00	22.06 -2.89 0.00	24.28 -3.47 0.00	27.95 -4.44 0.00	31.71 -4.77 -0.09	30.06 -4.10 0.01	28.09 -3.33 0.00	26.99 -3.40 0.00	26.82 -2.95 0.00	23.77 -3.68 1.29	23.75 -3.57 0.60	23.80 -3.59 1.12	23.69 -4.15 4.83	21.94 -4.55 9.35	31.68 -4.52 0.00	31.91 -4.56 -0.02	32.01 -5.29 5.04	31.79 -4.66 -0.61	30.27 -4.36 -0.02	23.91 -3.41 -0.02	20.74 -2.08 -1.58
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.44 2.25 -0.01	28.80 2.03 -0.01	27.18 1.90 -0.01	25.96 1.83 -0.01	26.86 1.90 -0.01	29.87 2.11 -0.01	35.01 2.62 -0.01	40.63 2.95 -1.30	36.83 2.67 0.00	33.92 2.42 -0.08	32.81 2.40 -0.02	32.13 2.35 -0.02	31.22 2.44 -0.04	31.18 2.35 -0.92	32.59 2.40 -1.68	35.43 2.68 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.69 2.99 -10.25	53.06 3.43 -7.29	52.57 2.80 -13.94	41.57 2.87 -4.08	35.95 2.40 -6.25	32.23 1.72 -9.28
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.52 2.34 -0.01	28.90 2.14 -0.01	27.31 2.02 -0.01	26.09 1.95 -0.01	27.01 2.05 -0.01	30.04 2.28 -0.01	35.18 2.78 -0.01	40.78 3.09 -1.30	36.97 2.80 0.00	33.98 2.48 -0.08	32.88 2.46 -0.02	32.16 2.38 -0.02	31.25 2.47 -0.04	31.21 2.37 -0.92	32.59 2.40 -1.68	35.43 2.68 -0.08	39.01 3.15 -0.02	44.09 3.15 -4.75	49.73 3.03 -10.25	53.15 3.51 -7.29	52.60 2.83 -13.94	41.61 2.91 -4.08	35.97 2.43 -6.25	32.26 1.74 -9.28
PATROON___115KV_TB1 80586	28.97 0.79 0.00	27.48 0.72 0.00	25.98 0.71 0.00	24.82 0.70 0.00	25.70 0.75 0.00	28.61 0.86 0.00	33.39 1.00 0.00	39.13 1.16 -1.58	35.30 1.13 0.00	32.39 0.97 0.00	31.34 0.94 0.00	30.66 0.89 0.00	29.71 0.98 0.00	29.88 0.95 -1.01	31.46 1.00 -1.94	33.88 1.21 0.00	37.13 1.29 0.00	43.19 1.19 -5.80	50.21 1.24 -12.52	52.64 1.40 -8.90	54.04 1.18 -17.02	40.75 1.14 -4.99	35.82 0.90 -7.62	33.22 0.66 -11.33
PATTRSNVILLE___SOLAR 323815	29.75 1.58 0.00	28.25 1.50 0.00	26.74 1.47 0.00	25.52 1.40 0.00	26.45 1.50 0.00	29.45 1.69 0.00	34.43 2.04 0.00	40.41 2.29 -1.73	35.91 1.74 0.00	32.58 1.16 0.00	31.64 1.25 0.00	30.96 1.19 0.00	29.91 1.18 0.00	30.23 1.20 -1.11	31.94 1.28 -2.14	34.17 1.50 0.00	37.59 1.76 0.00	44.59 2.03 -6.36	52.61 2.41 -13.75	55.03 2.92 -9.77	57.06 2.54 -18.68	42.51 2.42 -5.48	37.52 1.86 -8.36	35.07 1.40 -12.43
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	25.50 -2.68 0.00	24.45 -2.30 0.00	23.00 -2.27 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.95 -2.80 0.00	28.82 -3.56 0.00	32.55 -3.93 -0.09	30.81 -3.35 0.01	28.65 -2.76 0.00	27.57 -2.83 0.00	27.29 -2.47 0.00	24.42 -3.02 1.29	24.28 -3.04 0.60	24.32 -3.08 1.12	24.41 -3.43 4.83	22.83 -3.66 9.36	32.39 -3.80 0.00	32.70 -3.75 -0.01	32.72 -4.57 5.05	32.50 -3.94 -0.60	30.96 -3.67 -0.02	24.42 -2.89 -0.02	20.81 -2.14 -1.72
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.95 1.78 0.00	28.36 1.61 0.00	26.79 1.52 0.00	25.60 1.47 0.00	26.47 1.52 0.00	29.50 1.75 0.00	34.52 2.14 0.00	40.19 2.51 -1.30	36.49 2.32 0.00	33.55 2.14 0.00	32.50 2.10 0.00	31.73 1.96 0.00	30.89 2.16 0.00	30.84 2.09 -0.83	32.25 2.14 -1.60	35.12 2.45 0.00	38.63 2.80 0.00	43.82 2.86 -4.76	49.55 2.81 -10.29	52.88 3.22 -7.32	52.51 2.69 -13.99	41.31 2.60 -4.10	35.53 1.97 -6.26	31.92 1.38 -9.31
PEEKSKILL____ 23653	29.87 1.69 0.00	28.28 1.52 0.00	26.72 1.44 0.00	25.50 1.37 0.00	26.40 1.45 0.00	29.36 1.61 0.00	34.43 2.04 0.00	40.03 2.36 -1.29	36.36 2.19 0.00	33.46 2.04 0.00	32.40 2.01 0.00	31.67 1.91 0.00	30.78 2.04 0.00	30.75 2.01 -0.82	32.14 2.05 -1.57	35.02 2.35 0.00	38.49 2.65 0.00	43.64 2.72 -4.73	49.33 2.66 -10.22	52.66 3.05 -7.26	52.23 2.51 -13.88	41.14 2.46 -4.07	35.40 1.88 -6.22	31.83 1.36 -9.24

PGE MADISON___WINDPWR 24146	29.78 1.61 0.00	28.39 1.63 0.00	26.82 1.54 0.00	25.57 1.45 0.00	26.55 1.60 0.00	29.61 1.86 0.00	34.81 2.43 0.00	39.65 2.69 -0.57	36.36 2.19 0.00	33.08 1.66 0.00	31.77 1.37 0.00	31.07 1.31 0.00	30.64 1.01 -0.90	29.67 0.92 -0.84	31.09 1.03 -1.55	37.25 1.27 -3.31	44.00 1.65 -6.51	40.44 1.84 -2.40	43.73 2.11 -5.16	52.04 2.54 -7.16	44.27 1.86 -6.57	38.27 1.63 -2.03	31.53 1.09 -3.14	24.87 0.76 -2.87
PIERCEFIELD___HYD 23852	27.81 -0.37 0.00	26.43 -0.32 0.00	25.00 -0.28 0.00	23.86 -0.27 0.00	24.65 -0.30 0.00	27.39 -0.36 0.00	31.67 -0.71 0.00	35.43 -0.98 -0.02	32.94 -1.23 0.00	30.13 -1.29 0.00	29.15 -1.25 0.00	28.48 -1.28 0.00	27.47 -1.26 0.00	26.62 -1.31 -0.02	27.21 -1.34 -0.03	31.16 -1.50 0.00	34.01 -1.83 0.00	34.40 -1.88 -0.09	34.82 -1.82 -0.19	40.36 -2.12 -0.14	34.52 -1.58 -0.26	33.20 -1.49 -0.08	26.35 -1.06 -0.12	20.51 -0.89 -0.17
PINELAWN_CC_1 323563	30.40 2.23 0.00	28.52 1.77 0.00	27.00 1.72 0.00	25.67 1.55 0.00	26.62 1.67 0.00	29.56 1.80 0.00	35.01 2.62 0.00	40.41 2.73 -1.29	36.52 2.36 0.00	33.89 2.48 0.00	32.43 2.04 0.00	31.79 2.02 0.00	30.98 2.24 0.00	30.99 2.26 -0.81	32.62 2.54 -1.57	35.54 2.88 0.00	38.99 3.15 0.00	44.60 3.65 -4.75	50.29 3.57 -10.27	54.05 4.40 -7.30	53.37 3.58 -13.95	42.10 3.39 -4.10	36.43 2.89 -6.24	32.23 1.72 -9.28
PJM_GEN_HTP_PROXY 323702	30.15 1.97 0.00	28.58 1.82 0.00	26.94 1.67 0.00	25.74 1.62 0.00	26.65 1.70 0.00	29.64 1.89 0.00	34.81 2.43 0.00	40.41 2.73 -1.29	36.76 2.60 0.00	33.92 2.45 -0.05	32.78 2.37 -0.01	32.07 2.29 -0.01	31.15 2.38 -0.03	31.14 2.35 -0.87	32.57 2.42 -1.63	35.46 2.74 -0.05	38.89 3.04 -0.01	44.05 3.11 -4.75	49.69 2.99 -10.25	53.11 3.47 -7.29	52.60 2.83 -13.94	41.43 2.73 -4.09	35.72 2.18 -6.24	32.10 1.59 -9.27
PJM_GEN_KEystone 24065	27.84 -0.34 0.00	26.46 -0.29 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.60 -0.35 0.00	27.31 -0.45 0.00	31.86 -0.52 0.00	36.48 -0.62 -0.72	33.72 -0.45 0.00	31.17 -0.25 0.00	30.06 -0.33 0.00	29.56 -0.21 0.00	27.76 -0.40 0.57	27.72 -0.36 -0.16	28.47 -0.37 -0.33	30.11 -0.43 2.13	31.29 -0.39 4.16	38.31 -0.36 -2.48	41.41 -0.40 -5.36	43.45 -0.46 -1.57	42.92 -0.47 -7.55	36.31 -0.45 -2.14	30.21 -0.36 -3.27	26.60 -0.32 -5.68
PJM_GEN_NEPTUNE_PROXY 323594	30.15 1.97 0.00	28.33 1.58 0.00	26.82 1.54 0.00	25.50 1.37 0.00	26.45 1.50 0.00	29.39 1.64 0.00	34.75 2.36 0.00	40.18 2.51 -1.29	36.39 2.22 0.00	33.77 2.36 0.00	32.34 1.95 0.00	31.70 1.93 0.00	30.86 2.13 0.00	30.96 2.23 -0.81	32.59 2.51 -1.57	35.44 2.78 0.00	38.78 2.94 0.00	44.20 3.26 -4.75	49.81 3.10 -10.26	53.37 3.73 -7.30	52.83 3.04 -13.95	41.62 2.91 -4.09	36.05 2.51 -6.24	32.06 1.55 -9.28
PJM_GEN_VFT_PROXY 323633	30.15 1.97 0.00	28.52 1.77 0.00	26.92 1.64 0.00	25.72 1.59 0.00	26.60 1.65 0.00	29.61 1.86 0.00	34.78 2.40 0.00	40.37 2.69 -1.29	36.73 2.56 0.00	33.97 2.48 -0.07	32.75 2.34 -0.01	32.04 2.26 -0.01	31.16 2.38 -0.04	31.18 2.37 -0.89	32.58 2.42 -1.64	35.48 2.74 -0.07	38.86 3.01 -0.01	44.02 3.07 -4.75	49.66 2.95 -10.25	53.06 3.43 -7.29	52.53 2.76 -13.94	41.40 2.70 -4.09	35.69 2.16 -6.24	32.08 1.57 -9.27
PLATSBURG_115KV_PMLD1 355749	28.83 0.65 0.00	27.40 0.64 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.53 0.57 0.00	28.28 0.53 0.00	33.26 0.87 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.98 0.58 0.00	30.24 0.48 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.73 0.07 0.00	35.62 -0.22 0.00	35.69 -0.51 0.00	35.76 -0.69 0.00	41.41 -0.93 0.00	35.37 -0.47 0.00	34.44 -0.17 0.00	27.35 0.05 0.00	21.15 -0.08 0.00
PLEASANTVLY___LBMP 24000	29.70 1.52 0.00	28.12 1.36 0.00	26.57 1.29 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.22 1.47 0.00	34.20 1.81 0.00	39.80 2.07 -1.34	36.12 1.95 0.00	33.21 1.79 0.00	32.13 1.73 0.00	31.43 1.67 0.00	30.55 1.81 0.00	30.53 1.76 -0.86	31.96 1.80 -1.65	34.69 2.03 0.00	38.13 2.29 0.00	43.47 2.35 -4.92	49.41 2.33 -10.63	52.56 2.67 -7.56	52.50 2.22 -14.44	40.99 2.15 -4.23	35.43 1.67 -6.47	32.01 1.17 -9.61
PLSNTVLE_13_KV_13.8KVDIST 80602	29.95 1.78 0.00	28.33 1.58 0.00	26.77 1.49 0.00	25.55 1.42 0.00	26.45 1.50 0.00	29.45 1.69 0.00	34.52 2.14 0.00	40.12 2.44 -1.30	36.46 2.29 0.00	33.55 2.14 0.00	32.46 2.07 0.00	31.76 1.99 0.00	30.86 2.13 0.00	30.84 2.09 -0.83	32.25 2.14 -1.60	35.05 2.38 0.00	38.56 2.72 0.00	43.75 2.79 -4.77	49.49 2.73 -10.31	52.80 3.13 -7.33	52.43 2.58 -14.01	41.21 2.49 -4.11	35.54 1.97 -6.27	31.91 1.36 -9.32
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	29.95 1.78 0.00	28.33 1.58 0.00	26.77 1.49 0.00	25.55 1.42 0.00	26.45 1.50 0.00	29.45 1.69 0.00	34.52 2.14 0.00	40.12 2.44 -1.30	36.46 2.29 0.00	33.55 2.14 0.00	32.46 2.07 0.00	31.76 1.99 0.00	30.86 2.13 0.00	30.84 2.09 -0.83	32.25 2.14 -1.60	35.05 2.38 0.00	38.56 2.72 0.00	43.75 2.79 -4.77	49.49 2.73 -10.31	52.80 3.13 -7.33	52.43 2.58 -14.01	41.21 2.49 -4.11	35.54 1.97 -6.27	31.91 1.36 -9.32
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.76 1.58 0.00	28.17 1.42 0.00	26.62 1.34 0.00	25.43 1.30 0.00	26.30 1.35 0.00	29.31 1.55 0.00	34.29 1.91 0.00	39.88 2.18 -1.31	36.15 1.98 0.00	33.24 1.82 0.00	32.19 1.79 0.00	31.52 1.76 0.00	30.63 1.90 0.00	30.62 1.87 -0.84	32.03 1.91 -1.60	34.82 2.16 0.00	38.31 2.47 0.00	43.55 2.57 -4.78	49.30 2.52 -10.33	52.61 2.92 -7.35	52.35 2.47 -14.04	41.05 2.32 -4.12	35.42 1.83 -6.29	31.85 1.27 -9.34
POLETTI___ 23519	30.26 2.09 0.00	28.63 1.87 0.00	27.02 1.74 0.00	25.81 1.69 0.00	26.70 1.75 0.00	29.72 1.97 0.00	34.88 2.49 0.00	40.51 2.84 -1.29	36.87 2.70 0.00	34.03 2.54 -0.07	32.84 2.43 -0.01	32.13 2.35 -0.01	31.27 2.50 -0.04	31.28 2.46 -0.90	32.66 2.48 -1.66	35.51 2.78 -0.07	39.01 3.15 -0.01	44.16 3.22 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.93	41.54 2.84 -4.08	35.80 2.27 -6.24	32.12 1.61 -9.27
POMONA___ESR 323819	29.70 1.52 0.00	28.12 1.36 0.00	26.57 1.29 0.00	25.35 1.23 0.00	26.25 1.30 0.00	29.22 1.47 0.00	34.26 1.88 0.00	39.77 2.15 -1.24	36.18 2.02 0.00	33.30 1.88 0.00	32.22 1.82 0.00	31.52 1.76 0.00	30.63 1.90 0.00	30.57 1.87 -0.78	31.93 1.91 -1.50	34.82 2.16 0.00	38.28 2.44 0.00	43.23 2.50 -4.54	48.70 2.44 -9.80	52.15 2.84 -6.97	51.49 2.33 -13.33	40.74 2.22 -3.91	35.01 1.75 -5.97	31.35 1.25 -8.87
PORT_JEFF_3 23555	30.35 2.17 0.00	28.31 1.55 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.50 1.55 0.00	29.00 1.25 0.00	34.59 2.20 0.00	39.90 2.22 -1.29	35.81 1.64 0.00	33.04 1.63 0.00	31.61 1.22 0.00	31.25 1.49 0.00	30.86 2.13 0.00	30.21 1.48 -0.81	31.62 1.54 -1.57	34.36 1.70 0.00	38.53 2.69 0.00	44.96 4.02 -4.75	51.02 4.30 -10.27	55.70 6.05 -7.30	54.66 4.87 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28

PORT_JEFF_4 23616	30.35 2.17 0.00	28.31 1.55 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.50 1.55 0.00	29.00 1.25 0.00	34.59 2.20 0.00	39.90 2.22 -1.29	35.81 1.64 0.00	33.04 1.63 0.00	31.61 1.22 0.00	31.25 1.49 0.00	30.86 2.13 0.00	30.21 1.48 -0.81	31.62 1.54 -1.57	34.36 1.70 0.00	38.53 2.69 0.00	44.96 4.02 -4.75	51.02 4.30 -10.27	55.70 6.05 -7.30	54.66 4.87 -13.95	43.00 4.29 -4.10	37.12 3.58 -6.24	32.29 1.78 -9.28
PORT_JEFF_IC 23713	30.74 2.56 0.00	28.33 1.58 0.00	27.02 1.74 0.00	25.62 1.50 0.00	26.52 1.57 0.00	29.42 1.67 0.00	34.72 2.33 0.00	39.93 2.26 -1.29	35.84 1.67 0.00	33.11 1.70 0.00	31.92 1.52 0.00	31.25 1.49 0.00	31.00 2.27 0.00	30.56 1.81 -0.82	31.79 1.68 -1.59	33.87 1.21 0.00	38.56 2.72 0.00	44.38 3.44 -4.75	50.98 4.26 -10.26	55.66 6.01 -7.30	54.66 4.87 -13.95	43.00 4.29 -4.09	37.12 3.58 -6.24	32.25 1.74 -9.27
PPL PILGRIM_ST_GT1 24216	30.54 2.37 0.00	28.58 1.82 0.00	27.12 1.84 0.00	25.77 1.64 0.00	26.70 1.75 0.00	29.53 1.78 0.00	35.10 2.72 0.00	40.48 2.80 -1.29	36.52 2.36 0.00	33.83 2.42 0.00	32.34 1.95 0.00	31.76 1.99 0.00	31.06 2.33 0.00	30.91 2.18 -0.81	32.48 2.40 -1.57	35.37 2.71 0.00	39.06 3.23 0.00	44.89 3.95 -4.75	50.69 3.97 -10.27	54.76 5.12 -7.30	53.94 4.16 -13.95	42.55 3.84 -4.10	36.76 3.22 -6.24	32.36 1.85 -9.28
PPL PILGRIM_ST_GT2 24217	30.54 2.37 0.00	28.58 1.82 0.00	27.12 1.84 0.00	25.77 1.64 0.00	26.70 1.75 0.00	29.53 1.78 0.00	35.10 2.72 0.00	40.48 2.80 -1.29	36.52 2.36 0.00	33.83 2.42 0.00	32.34 1.95 0.00	31.76 1.99 0.00	31.06 2.33 0.00	30.91 2.18 -0.81	32.48 2.40 -1.57	35.37 2.71 0.00	39.06 3.23 0.00	44.89 3.95 -4.75	50.69 3.97 -10.27	54.76 5.12 -7.30	53.94 4.16 -13.95	42.55 3.84 -4.10	36.76 3.22 -6.24	32.36 1.85 -9.28
PPL_SHRM_GT3 24213	30.07 1.89 0.00	28.07 1.31 0.00	26.82 1.54 0.00	25.45 1.33 0.00	26.25 1.30 0.00	28.53 0.78 0.00	34.10 1.72 0.00	39.35 1.67 -1.29	35.26 1.09 0.00	32.48 1.07 0.00	31.06 0.67 0.00	30.74 0.98 0.00	30.54 1.81 0.00	29.60 0.87 -0.81	30.97 0.88 -1.57	33.58 0.91 0.00	37.91 2.08 0.00	44.60 3.65 -4.75	50.69 3.97 -10.27	55.65 6.01 -7.30	54.62 4.84 -13.95	42.79 4.08 -4.10	37.03 3.50 -6.24	32.10 1.59 -9.28
PPL_SHRM_GT4 24214	30.07 1.89 0.00	28.07 1.31 0.00	26.82 1.54 0.00	25.45 1.33 0.00	26.25 1.30 0.00	28.53 0.78 0.00	34.10 1.72 0.00	39.35 1.67 -1.29	35.26 1.09 0.00	32.48 1.07 0.00	31.06 0.67 0.00	30.74 0.98 0.00	30.54 1.81 0.00	29.60 0.87 -0.81	30.97 0.88 -1.57	33.58 0.91 0.00	37.91 2.08 0.00	44.60 3.65 -4.75	50.69 3.97 -10.27	55.65 6.01 -7.30	54.62 4.84 -13.95	42.79 4.08 -4.10	37.03 3.50 -6.24	32.10 1.59 -9.28
PROJECT___ORANGE 1 24174	27.67 -0.51 0.00	26.30 -0.45 0.00	24.82 -0.45 0.00	23.69 -0.43 0.00	24.53 -0.42 0.00	27.28 -0.47 0.00	31.87 -0.52 0.00	35.95 -0.55 -0.12	33.79 -0.38 0.00	31.10 -0.31 0.00	30.09 -0.30 0.00	29.50 -0.27 0.00	28.39 -0.34 0.00	27.69 -0.31 -0.08	28.38 -0.29 -0.14	32.34 -0.33 0.00	35.52 -0.32 0.00	36.30 -0.33 -0.43	37.05 -0.33 -0.93	42.66 -0.34 -0.66	36.74 -0.36 -1.26	34.57 -0.42 -0.37	27.48 -0.38 -0.57	21.84 -0.23 -0.84
PROJECT___ORANGE 2 24166	27.67 -0.51 0.00	26.30 -0.45 0.00	24.82 -0.45 0.00	23.69 -0.43 0.00	24.53 -0.42 0.00	27.28 -0.47 0.00	31.87 -0.52 0.00	35.95 -0.55 -0.12	33.79 -0.38 0.00	31.10 -0.31 0.00	30.09 -0.30 0.00	29.50 -0.27 0.00	28.39 -0.34 0.00	27.69 -0.31 -0.08	28.38 -0.29 -0.14	32.34 -0.33 0.00	35.52 -0.32 0.00	36.30 -0.33 -0.43	37.05 -0.33 -0.93	42.66 -0.34 -0.66	36.74 -0.36 -1.26	34.57 -0.42 -0.37	27.48 -0.38 -0.57	21.84 -0.23 -0.84
PUCKETT___SOLAR 323809	28.38 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.29 0.17 0.00	25.15 0.20 0.00	28.00 0.25 0.00	32.77 0.39 0.00	37.21 0.40 -0.42	34.48 0.31 0.00	31.67 0.25 0.00	30.52 0.12 0.00	29.91 0.15 0.00	28.57 -0.03 0.14	28.07 -0.03 -0.18	28.90 0.03 -0.36	32.22 0.07 0.51	35.02 0.18 1.00	37.91 0.29 -1.43	39.95 0.40 -3.10	44.55 0.55 -1.66	40.43 0.32 -4.28	36.13 0.28 -1.24	29.29 0.11 -1.88	24.37 0.06 -3.08
PYRITES___HYD 24023	28.37 0.20 0.00	26.97 0.21 0.00	25.53 0.25 0.00	24.37 0.24 0.00	25.18 0.22 0.00	28.00 0.25 0.00	32.48 0.10 0.00	36.30 -0.11 -0.02	33.66 -0.51 0.00	30.72 -0.69 0.00	29.70 -0.70 0.00	28.99 -0.77 0.00	27.99 -0.75 0.00	27.09 -0.84 -0.01	27.72 -0.83 -0.03	31.78 -0.88 0.00	34.73 -1.11 0.00	35.12 -1.16 -0.08	35.64 -0.98 -0.18	41.37 -1.10 -0.13	35.40 -0.68 -0.24	34.03 -0.66 -0.07	27.00 -0.41 -0.11	21.01 -0.38 -0.16
QUAKERRD_115KV_BK1 80622	26.21 -1.97 0.00	24.99 -1.77 0.00	23.61 -1.67 0.00	22.46 -1.66 0.00	23.31 -1.65 0.00	25.87 -1.89 0.00	30.02 -2.36 0.00	33.93 -2.55 -0.09	31.49 -2.67 0.01	29.25 -2.17 0.00	28.24 -2.16 0.00	27.89 -1.88 0.00	24.97 -2.33 1.44	25.02 -2.23 0.66	24.96 -2.28 1.27	24.67 -2.58 5.41	22.55 -2.83 10.46	33.41 -2.79 0.00	33.69 -2.77 -0.01	33.54 -3.13 5.67	33.80 -2.69 -0.65	31.92 -2.70 0.00	25.11 -2.21 -0.03	21.19 -1.34 -1.29
QUENSBRY_115KV_TB8 356137	29.67 1.49 0.00	28.12 1.36 0.00	26.64 1.36 0.00	25.40 1.28 0.00	26.47 1.52 0.00	29.50 1.75 0.00	34.49 2.10 0.00	40.61 2.62 -1.61	36.53 2.36 0.00	33.33 1.92 0.00	32.22 1.82 0.00	31.40 1.64 0.00	30.37 1.64 0.00	30.57 1.62 -1.03	32.24 1.74 -1.98	34.92 2.25 0.00	37.34 1.51 0.00	43.44 1.34 -5.91	50.75 1.53 -12.77	53.21 1.78 -9.09	54.79 1.58 -17.37	41.09 1.38 -5.09	36.20 1.12 -7.78	33.56 0.76 -11.56
RAMAPO___LBMP 323565	29.61 1.44 0.00	28.01 1.26 0.00	26.46 1.19 0.00	25.26 1.13 0.00	26.15 1.20 0.00	29.11 1.36 0.00	34.10 1.72 0.00	39.57 1.96 -1.22	36.01 1.85 0.00	33.14 1.73 0.00	32.07 1.67 0.00	31.37 1.61 0.00	30.49 1.75 0.00	30.40 1.70 -0.78	31.76 1.74 -1.51	34.63 1.96 0.00	38.10 2.26 0.00	42.97 2.28 -4.49	48.41 2.26 -9.70	51.86 2.63 -6.90	51.17 2.15 -13.18	40.52 2.04 -3.86	34.81 1.61 -5.90	31.11 1.10 -8.77
RANKINE____ 23646	25.47 -2.71 0.00	24.43 -2.33 0.00	22.98 -2.30 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.90 -2.86 0.00	28.72 -3.66 0.00	32.55 -3.93 -0.09	30.81 -3.35 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.36 -3.07 1.30	24.30 -3.02 0.60	24.34 -3.05 1.13	24.43 -3.40 4.84	22.73 -3.73 9.38	32.39 -3.80 0.01	32.65 -3.79 0.01	32.87 -4.40 5.07	32.48 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	21.03 -1.89 -1.69
RAVENSWOOD_GT2_1 24244	30.23 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.80 2.63 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.08 1.57 -9.27

RAVENSWOOD_GT2_2 24245	30.23 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.80 2.63 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.08 1.57 -9.27
RAVENSWOOD_GT2_3 24246	30.26 2.09 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.72 1.97 0.00	34.88 2.49 0.00	40.51 2.84 -1.29	36.83 2.67 0.00	34.01 2.51 -0.08	32.85 2.43 -0.02	32.13 2.35 -0.02	31.25 2.47 -0.04	31.26 2.43 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	39.01 3.15 -0.02	44.13 3.19 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.94	41.54 2.84 -4.08	35.80 2.27 -6.24	32.10 1.59 -9.27
RAVENSWOOD_GT2_4 24247	30.26 2.09 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.72 1.97 0.00	34.88 2.49 0.00	40.51 2.84 -1.29	36.83 2.67 0.00	34.01 2.51 -0.08	32.85 2.43 -0.02	32.13 2.35 -0.02	31.25 2.47 -0.04	31.26 2.43 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	39.01 3.15 -0.02	44.13 3.19 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.94	41.54 2.84 -4.08	35.80 2.27 -6.24	32.10 1.59 -9.27
RAVENSWOOD_GT3_1 24248	30.23 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.83 2.67 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.10 1.59 -9.27
RAVENSWOOD_GT3_2 24249	30.23 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.83 2.67 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.10 1.59 -9.27
RAVENSWOOD_GT3_3 24250	30.23 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.83 2.67 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.25 2.47 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
RAVENSWOOD_GT3_4 24251	30.23 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.83 2.67 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.25 2.47 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.83 2.29 -6.24	32.12 1.61 -9.27
RAVENSWOOD_GT_1 23729	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.92 1.79 -0.01	26.80 1.85 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.67 2.98 -1.30	36.97 2.80 0.00	34.04 2.54 -0.08	32.97 2.55 -0.02	32.25 2.47 -0.02	31.37 2.59 -0.04	31.32 2.48 -0.92	32.71 2.51 -1.68	35.56 2.81 -0.08	39.15 3.30 -0.02	44.20 3.26 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.94	41.64 2.94 -4.08	35.95 2.40 -6.25	32.21 1.70 -9.28
RAVENSWOOD_GT_10 24258	30.24 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.85 2.46 0.00	40.48 2.80 -1.29	36.80 2.63 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.08 1.57 -9.27
RAVENSWOOD_GT_11 24259	30.24 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.85 2.46 0.00	40.48 2.80 -1.29	36.80 2.63 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.08 1.57 -9.27
RAVENSWOOD_GT_4 24252	30.21 2.03 -0.01	28.58 1.82 0.00	26.97 1.69 0.00	25.77 1.64 0.00	26.65 1.70 0.00	29.67 1.92 0.00	34.82 2.43 0.00	40.45 2.77 -1.30	36.77 2.60 0.00	33.98 2.48 -0.08	32.78 2.37 -0.02	32.07 2.29 -0.02	31.22 2.44 -0.04	31.21 2.37 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	38.94 3.08 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.47 2.77 -4.08	35.75 2.21 -6.24	32.06 1.55 -9.28
RAVENSWOOD_GT_5 24254	30.21 2.03 -0.01	28.58 1.82 0.00	26.97 1.69 0.00	25.77 1.64 0.00	26.65 1.70 0.00	29.67 1.92 0.00	34.82 2.43 0.00	40.45 2.77 -1.30	36.77 2.60 0.00	33.98 2.48 -0.08	32.78 2.37 -0.02	32.07 2.29 -0.02	31.22 2.44 -0.04	31.21 2.37 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	38.94 3.08 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.47 2.77 -4.08	35.75 2.21 -6.24	32.06 1.55 -9.28
RAVENSWOOD_GT_6 24253	30.21 2.03 -0.01	28.58 1.82 0.00	26.97 1.69 0.00	25.77 1.64 0.00	26.65 1.70 0.00	29.67 1.92 0.00	34.82 2.43 0.00	40.45 2.77 -1.30	36.77 2.60 0.00	33.98 2.48 -0.08	32.78 2.37 -0.02	32.07 2.29 -0.02	31.22 2.44 -0.04	31.21 2.37 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	38.94 3.08 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.47 2.77 -4.08	35.75 2.21 -6.24	32.06 1.55 -9.28
RAVENSWOOD_GT_7 24255	30.21 2.03 -0.01	28.58 1.82 0.00	26.97 1.69 0.00	25.77 1.64 0.00	26.65 1.70 0.00	29.67 1.92 0.00	34.82 2.43 0.00	40.45 2.77 -1.30	36.77 2.60 0.00	33.98 2.48 -0.08	32.78 2.37 -0.02	32.07 2.29 -0.02	31.22 2.44 -0.04	31.21 2.37 -0.92	32.62 2.42 -1.68	35.46 2.71 -0.08	38.94 3.08 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.47 2.77 -4.08	35.75 2.21 -6.24	32.06 1.55 -9.28
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.24 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.85 2.46 0.00	40.48 2.80 -1.29	36.80 2.63 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.08 1.57 -9.27

RAVENSWOOD_GT_9 24257	30.24 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.85 2.46 0.00	40.48 2.80 -1.29	36.80 2.63 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.24 2.40 -0.92	32.65 2.45 -1.68	35.49 2.74 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.08	35.78 2.24 -6.24	32.08 1.57 -9.27
RAVENSWOOD___1 23533	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.92 1.79 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	35.01 2.62 -0.01	40.67 2.98 -1.30	36.97 2.80 0.00	34.04 2.54 -0.08	32.97 2.55 -0.02	32.25 2.47 -0.02	31.34 2.56 -0.04	31.28 2.46 -0.91	32.69 2.51 -1.66	35.59 2.84 -0.08	39.15 3.29 -0.02	44.20 3.26 -4.75	49.80 3.10 -10.25	53.23 3.60 -7.29	52.68 2.90 -13.94	41.64 2.94 -4.09	35.92 2.37 -6.25	32.26 1.74 -9.28
RAVENSWOOD___2 23534	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.92 1.79 -0.01	26.81 1.85 -0.01	29.81 2.05 -0.01	35.01 2.62 -0.01	40.67 2.98 -1.30	36.97 2.80 0.00	34.04 2.54 -0.08	32.97 2.55 -0.02	32.25 2.47 -0.02	31.34 2.56 -0.04	31.28 2.46 -0.91	32.69 2.51 -1.66	35.59 2.84 -0.08	39.15 3.29 -0.02	44.20 3.26 -4.75	49.80 3.10 -10.25	53.23 3.60 -7.29	52.68 2.90 -13.94	41.64 2.94 -4.09	35.92 2.37 -6.25	32.26 1.74 -9.28
RAVENSWOOD___3 23535	30.21 2.03 0.00	28.60 1.84 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.67 1.91 0.00	34.84 2.46 0.00	40.48 2.80 -1.29	36.84 2.67 0.00	33.98 2.48 -0.08	32.81 2.40 -0.02	32.10 2.32 -0.02	31.22 2.44 -0.04	31.20 2.37 -0.91	32.63 2.45 -1.66	35.53 2.78 -0.08	38.97 3.12 -0.02	44.09 3.15 -4.75	49.77 3.06 -10.25	53.15 3.51 -7.29	52.64 2.87 -13.94	41.50 2.80 -4.09	35.78 2.24 -6.24	32.14 1.64 -9.27
RAVENSWOOD___4 23820	30.36 2.17 -0.01	28.74 1.98 -0.01	27.13 1.84 -0.01	25.92 1.79 -0.01	26.81 1.85 -0.01	29.82 2.05 -0.01	35.01 2.62 -0.01	40.67 2.98 -1.30	36.97 2.80 0.00	34.04 2.54 -0.08	32.97 2.55 -0.02	32.25 2.47 -0.02	31.31 2.53 -0.04	31.28 2.46 -0.91	32.69 2.51 -1.66	35.59 2.84 -0.08	39.15 3.29 -0.02	44.20 3.26 -4.75	49.80 3.10 -10.25	53.23 3.60 -7.29	52.68 2.90 -13.94	41.64 2.94 -4.09	35.92 2.37 -6.25	32.26 1.74 -9.28
RCPL_TRUST___DRP 24196	30.35 2.17 0.00	28.71 1.95 0.00	27.07 1.79 0.00	25.89 1.76 0.00	26.77 1.82 0.00	29.81 2.05 0.00	35.01 2.62 0.00	40.66 2.98 -1.29	37.00 2.84 0.00	34.23 2.76 -0.05	32.96 2.55 -0.01	32.27 2.50 -0.01	31.44 2.67 -0.03	31.43 2.62 -0.88	32.84 2.68 -1.65	35.72 3.01 -0.05	39.15 3.30 -0.01	44.31 3.37 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.82 3.05 -13.93	41.61 2.91 -4.08	35.89 2.35 -6.24	32.16 1.66 -9.27
RED___ROCHESTER 323720	26.68 -1.49 0.00	25.42 -1.34 0.00	23.99 -1.29 0.00	22.82 -1.30 0.00	23.68 -1.27 0.00	26.25 -1.50 0.00	30.47 -1.91 0.00	34.44 -2.04 -0.09	32.11 -2.05 0.01	29.85 -1.57 0.00	28.82 -1.58 0.00	28.48 -1.28 0.00	25.67 -1.78 1.29	25.65 -1.67 0.59	25.65 -1.74 1.13	25.87 -1.96 4.84	24.29 -2.15 9.39	34.07 -2.14 -0.02	34.41 -2.08 -0.03	34.95 -2.33 5.07	34.45 -2.01 -0.62	32.59 -2.04 -0.01	25.58 -1.75 -0.03	21.34 -1.23 -1.33
REGAN___SOLAR 323812	30.15 1.97 0.00	28.63 1.87 0.00	27.15 1.87 0.00	25.88 1.76 0.00	26.85 1.90 0.00	29.92 2.17 0.00	34.94 2.56 0.00	41.10 2.95 -1.77	36.59 2.43 0.00	33.21 1.79 0.00	32.19 1.79 0.00	31.43 1.67 0.00	30.37 1.64 0.00	30.70 1.65 -1.13	32.43 1.74 -2.18	34.76 2.09 0.00	38.20 2.36 0.00	45.25 2.57 -6.48	53.48 3.02 -14.00	55.94 3.64 -9.95	58.01 3.15 -19.02	43.17 2.98 -5.58	38.08 2.26 -8.52	35.61 1.72 -12.66
RENSSELAER___COGEN 23796	28.85 0.68 0.00	27.40 0.64 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.63 0.67 0.00	28.53 0.78 0.00	33.26 0.87 0.00	38.96 1.02 -1.56	35.16 0.99 0.00	32.26 0.85 0.00	31.22 0.82 0.00	30.54 0.77 0.00	29.60 0.86 0.00	29.75 0.84 -1.00	31.29 0.85 -1.92	33.68 1.01 0.00	36.95 1.11 0.00	43.00 1.05 -5.75	49.94 1.06 -12.43	52.39 1.23 -8.82	53.74 1.04 -16.87	40.56 1.00 -4.94	35.67 0.82 -7.55	33.09 0.64 -11.22
REPUBLIC_115KV_BARTNBRK 55605	30.35 2.17 0.00	28.76 2.01 0.00	27.32 2.05 0.00	26.03 1.91 0.00	27.17 2.22 0.00	30.34 2.58 0.00	35.46 3.08 0.00	41.70 3.71 -1.61	37.55 3.38 0.00	34.12 2.70 0.00	33.01 2.61 0.00	32.06 2.29 0.00	30.98 2.24 0.00	31.18 2.23 -1.03	32.89 2.40 -1.98	35.87 3.20 0.00	38.45 2.62 0.00	44.52 2.43 -5.90	51.98 2.77 -12.76	54.60 3.18 -9.08	56.07 2.87 -17.36	42.23 2.53 -5.09	37.04 1.97 -7.77	34.17 1.38 -11.55
REVERE_CPDR_DRP 24186	28.80 0.62 0.00	27.40 0.64 0.00	25.88 0.61 0.00	24.70 0.58 0.00	25.60 0.65 0.00	28.56 0.80 0.00	33.36 0.97 0.00	37.54 1.09 -0.07	35.06 0.89 0.00	32.04 0.63 0.00	30.88 0.49 0.00	30.27 0.51 0.00	29.19 0.46 0.00	28.41 0.45 -0.04	29.11 0.51 -0.08	33.32 0.65 0.00	36.70 0.86 0.00	37.42 0.98 -0.25	38.12 1.13 -0.54	44.08 1.35 -0.38	37.61 1.04 -0.73	35.76 0.93 -0.21	28.28 0.66 -0.33	22.17 0.45 -0.49
REYNOLDS_115KV_TB3 80639	29.14 0.96 0.00	27.64 0.88 0.00	26.14 0.86 0.00	24.94 0.82 0.00	25.85 0.90 0.00	28.78 1.03 0.00	33.61 1.23 0.00	39.37 1.42 -1.56	35.50 1.33 0.00	32.58 1.16 0.00	31.52 1.12 0.00	30.84 1.07 0.00	29.88 1.15 0.00	30.04 1.12 -1.00	31.59 1.14 -1.93	34.01 1.34 0.00	37.34 1.51 0.00	43.39 1.45 -5.75	50.37 1.49 -12.43	52.88 1.69 -8.84	54.17 1.43 -16.90	40.95 1.38 -4.95	35.96 1.09 -7.57	33.26 0.79 -11.25
RIVERBAY____ 323610	30.52 2.34 -0.01	28.90 2.14 -0.01	27.31 2.02 -0.01	26.09 1.95 -0.01	27.01 2.05 -0.01	30.04 2.28 -0.01	35.18 2.78 -0.01	40.78 3.09 -1.30	36.97 2.80 0.00	33.98 2.48 -0.08	32.88 2.46 -0.02	32.16 2.38 -0.02	31.25 2.47 -0.04	31.21 2.37 -0.92	32.59 2.40 -1.68	35.43 2.68 -0.08	39.01 3.15 -0.02	44.09 3.15 -4.75	49.73 3.03 -10.25	53.15 3.51 -7.29	52.60 2.83 -13.94	41.61 2.91 -4.08	35.97 2.43 -6.25	32.26 1.74 -9.28
RIVERSIDE_115KV_TB3 55908	29.02 0.85 0.00	27.53 0.78 0.00	26.03 0.76 0.00	24.85 0.72 0.00	25.75 0.80 0.00	28.64 0.89 0.00	33.45 1.07 0.00	39.19 1.24 -1.57	35.36 1.20 0.00	32.45 1.04 0.00	31.40 1.00 0.00	30.69 0.92 0.00	29.77 1.03 0.00	29.93 1.01 -1.01	31.48 1.03 -1.93	33.88 1.21 0.00	37.16 1.33 0.00	43.23 1.27 -5.76	50.22 1.31 -12.46	52.68 1.48 -8.86	54.03 1.25 -16.93	40.79 1.21 -4.96	35.84 0.96 -7.58	33.20 0.70 -11.27
ROARING___BROOK_WT_PWR 323790	28.15 -0.03 0.00	26.73 -0.03 0.00	25.25 -0.03 0.00	24.05 -0.07 0.00	24.83 -0.12 0.00	27.53 -0.22 0.00	32.03 -0.36 0.00	35.80 -0.58 0.00	33.52 -0.65 0.00	30.85 -0.56 0.00	29.88 -0.52 0.00	29.20 -0.57 0.00	28.10 -0.63 0.00	27.22 -0.70 0.00	27.75 -0.77 0.00	31.75 -0.91 0.00	34.73 -1.11 0.00	34.96 -1.23 0.00	35.17 -1.28 0.00	40.78 -1.57 0.00	34.58 -1.26 0.00	33.44 -1.18 0.00	26.42 -0.87 0.00	20.53 -0.70 0.00

ROCHESRG_115KV_T4 355643	26.40 -1.78 0.00	25.20 -1.55 0.00	23.79 -1.49 0.00	22.65 -1.47 0.00	23.48 -1.47 0.00	26.03 -1.72 0.00	30.18 -2.20 0.00	34.14 -2.33 -0.09	31.80 -2.36 0.01	29.56 -1.85 0.00	28.51 -1.88 0.00	28.19 -1.58 0.00	25.33 -2.10 1.30	25.31 -2.01 0.60	25.34 -2.02 1.15	25.44 -2.32 4.91	23.76 -2.54 9.54	33.67 -2.53 -0.01	34.00 -2.48 -0.02	34.40 -2.79 5.15	34.02 -2.44 -0.62	32.20 -2.42 -0.01	25.34 -1.99 -0.03	21.46 -1.10 -1.33
ROCHESTER_9_IC 23652	26.52 -1.66 0.00	25.31 -1.44 0.00	23.91 -1.36 0.00	22.75 -1.38 0.00	23.60 -1.35 0.00	26.14 -1.61 0.00	30.31 -2.07 0.00	34.29 -2.18 -0.09	31.97 -2.19 0.01	29.72 -1.70 0.00	28.67 -1.73 0.00	28.36 -1.40 0.00	25.47 -1.95 1.31	25.47 -1.84 0.60	25.48 -1.88 1.15	25.61 -2.12 4.93	23.88 -2.37 9.59	33.85 -2.35 -0.01	34.17 -2.30 -0.02	34.62 -2.54 5.18	34.23 -2.22 -0.62	32.38 -2.25 -0.01	25.47 -1.86 -0.03	21.57 -1.00 -1.33
ROCKVIEW_13_KV_LD 356306	30.09 1.92 0.00	28.47 1.71 0.00	26.87 1.59 0.00	25.67 1.54 0.00	26.55 1.60 0.00	29.59 1.83 0.00	34.68 2.30 0.00	40.33 2.66 -1.29	36.66 2.49 0.00	33.77 2.36 0.00	32.68 2.28 0.00	31.97 2.20 0.00	31.09 2.36 0.00	31.04 2.29 -0.83	32.45 2.34 -1.59	35.31 2.65 0.00	38.81 2.97 0.00	43.98 3.04 -4.75	49.69 2.99 -10.25	53.06 3.43 -7.29	52.60 2.83 -13.93	41.40 2.70 -4.08	35.67 2.13 -6.24	31.99 1.49 -9.27
ROME____115KV_TB2 80656	28.80 0.62 0.00	27.40 0.64 0.00	25.88 0.61 0.00	24.70 0.58 0.00	25.60 0.65 0.00	28.56 0.80 0.00	33.36 0.97 0.00	37.54 1.09 -0.07	35.06 0.89 0.00	32.04 0.63 0.00	30.88 0.49 0.00	30.27 0.51 0.00	29.19 0.46 0.00	28.41 0.45 -0.04	29.11 0.51 -0.08	33.32 0.65 0.00	36.70 0.86 0.00	37.42 0.98 -0.25	38.12 1.13 -0.54	44.08 1.35 -0.38	37.61 1.04 -0.73	35.76 0.93 -0.21	28.28 0.66 -0.33	22.17 0.45 -0.49
ROSETON___1 23587	29.61 1.44 0.00	28.04 1.28 0.00	26.49 1.21 0.00	25.28 1.16 0.00	26.17 1.22 0.00	29.11 1.36 0.00	34.10 1.72 0.00	39.63 1.96 -1.28	36.01 1.84 0.00	33.11 1.70 0.00	32.07 1.67 0.00	31.37 1.61 0.00	30.46 1.72 0.00	30.40 1.67 -0.81	31.79 1.71 -1.56	34.59 1.93 0.00	38.02 2.19 0.00	43.19 2.28 -4.71	48.85 2.22 -10.18	52.16 2.58 -7.24	51.78 2.11 -13.83	40.71 2.04 -4.05	35.07 1.58 -6.19	31.60 1.17 -9.20
ROSETON___2 23588	29.61 1.44 0.00	28.04 1.28 0.00	26.49 1.21 0.00	25.28 1.16 0.00	26.17 1.22 0.00	29.11 1.36 0.00	34.10 1.72 0.00	39.63 1.96 -1.28	36.01 1.84 0.00	33.11 1.70 0.00	32.07 1.67 0.00	31.37 1.61 0.00	30.46 1.72 0.00	30.40 1.67 -0.81	31.79 1.71 -1.56	34.59 1.93 0.00	38.02 2.19 0.00	43.19 2.28 -4.71	48.85 2.22 -10.18	52.16 2.58 -7.24	51.78 2.11 -13.83	40.71 2.04 -4.05	35.07 1.58 -6.19	31.60 1.17 -9.20
ROTTTRDAM_115KV_TB3 80664	29.05 0.87 0.00	27.56 0.80 0.00	26.03 0.76 0.00	24.85 0.72 0.00	25.70 0.75 0.00	28.61 0.86 0.00	33.42 1.04 0.00	39.36 1.35 -1.63	35.33 1.16 0.00	32.42 1.01 0.00	31.37 0.97 0.00	30.72 0.95 0.00	29.68 0.95 0.00	29.91 0.95 -1.04	31.49 0.97 -2.00	33.88 1.21 0.00	37.13 1.29 0.00	43.51 1.34 -5.98	50.75 1.39 -12.92	53.12 1.61 -9.17	54.73 1.36 -17.53	41.07 1.32 -5.14	36.18 1.04 -7.85	33.64 0.74 -11.66
RUSSELL___1 23602	26.63 -1.55 0.00	25.42 -1.34 0.00	23.99 -1.29 0.00	22.82 -1.30 0.00	23.68 -1.27 0.00	26.26 -1.50 0.00	30.44 -1.94 0.00	34.47 -2.00 -0.09	32.11 -2.05 0.01	29.85 -1.57 0.00	28.82 -1.58 0.00	28.51 -1.25 0.00	25.61 -1.81 1.31	25.61 -1.70 0.60	25.60 -1.77 1.15	25.77 -1.96 4.93	24.06 -2.19 9.59	34.03 -2.17 -0.01	34.39 -2.08 -0.02	34.83 -2.33 5.18	34.45 -2.01 -0.62	32.55 -2.08 -0.01	25.58 -1.75 -0.03	21.65 -0.91 -1.33
RUSSELL___2 23532	26.63 -1.55 0.00	25.42 -1.34 0.00	23.99 -1.29 0.00	22.82 -1.30 0.00	23.68 -1.27 0.00	26.26 -1.50 0.00	30.44 -1.94 0.00	34.47 -2.00 -0.09	32.11 -2.05 0.01	29.85 -1.57 0.00	28.82 -1.58 0.00	28.51 -1.25 0.00	25.61 -1.81 1.31	25.61 -1.70 0.60	25.60 -1.77 1.15	25.77 -1.96 4.93	24.06 -2.19 9.59	34.03 -2.17 -0.01	34.39 -2.08 -0.02	34.83 -2.33 5.18	34.45 -2.01 -0.62	32.55 -2.08 -0.01	25.58 -1.75 -0.03	21.65 -0.91 -1.33
RUSSELL___3 23549	26.63 -1.55 0.00	25.42 -1.34 0.00	23.99 -1.29 0.00	22.82 -1.30 0.00	23.68 -1.27 0.00	26.26 -1.50 0.00	30.44 -1.94 0.00	34.47 -2.00 -0.09	32.11 -2.05 0.01	29.85 -1.57 0.00	28.82 -1.58 0.00	28.51 -1.25 0.00	25.61 -1.81 1.31	25.61 -1.70 0.60	25.60 -1.77 1.15	25.77 -1.96 4.93	24.06 -2.19 9.59	34.03 -2.17 -0.01	34.39 -2.08 -0.02	34.83 -2.33 5.18	34.45 -2.01 -0.62	32.55 -2.08 -0.01	25.58 -1.75 -0.03	21.65 -0.91 -1.33
RUSSELL___4 23556	26.63 -1.55 0.00	25.42 -1.34 0.00	23.99 -1.29 0.00	22.82 -1.30 0.00	23.68 -1.27 0.00	26.26 -1.50 0.00	30.44 -1.94 0.00	34.47 -2.00 -0.09	32.11 -2.05 0.01	29.85 -1.57 0.00	28.82 -1.58 0.00	28.51 -1.25 0.00	25.61 -1.81 1.31	25.61 -1.70 0.60	25.60 -1.77 1.15	25.77 -1.96 4.93	24.06 -2.19 9.59	34.03 -2.17 -0.01	34.39 -2.08 -0.02	34.83 -2.33 5.18	34.45 -2.01 -0.62	32.55 -2.08 -0.01	25.58 -1.75 -0.03	21.65 -0.91 -1.33
RUSSELL___STATION 23914	26.63 -1.55 0.00	25.42 -1.34 0.00	23.99 -1.29 0.00	22.82 -1.30 0.00	23.68 -1.27 0.00	26.26 -1.50 0.00	30.44 -1.94 0.00	34.47 -2.00 -0.09	32.11 -2.05 0.01	29.85 -1.57 0.00	28.82 -1.58 0.00	28.51 -1.25 0.00	25.61 -1.81 1.31	25.61 -1.70 0.60	25.60 -1.77 1.15	25.77 -1.96 4.93	24.06 -2.19 9.59	34.03 -2.17 -0.01	34.39 -2.08 -0.02	34.83 -2.33 5.18	34.45 -2.01 -0.62	32.55 -2.08 -0.01	25.58 -1.75 -0.03	21.65 -0.91 -1.33
S SALMON___HYD 24043	27.61 -0.56 0.00	26.25 -0.51 0.00	24.80 -0.48 0.00	23.66 -0.46 0.00	24.53 -0.42 0.00	27.31 -0.45 0.00	31.86 -0.52 0.00	35.89 -0.58 -0.09	33.59 -0.58 0.00	30.75 -0.66 0.00	29.73 -0.67 0.00	29.11 -0.65 0.00	28.05 -0.69 0.00	27.31 -0.67 -0.06	27.98 -0.65 -0.12	31.95 -0.72 0.00	35.08 -0.75 0.00	35.85 -0.69 -0.35	36.69 -0.51 -0.75	42.41 -0.46 -0.53	36.36 -0.50 -1.02	34.36 -0.56 -0.30	27.27 -0.49 -0.46	21.53 -0.38 -0.68
S.PERRY___115KV_TB1 80734	27.16 -1.01 0.00	25.93 -0.83 0.00	24.44 -0.83 0.00	23.21 -0.92 0.00	24.05 -0.90 0.00	26.67 -1.08 0.00	30.99 -1.39 0.00	34.87 -1.56 -0.05	32.35 -1.81 0.00	29.85 -1.57 0.00	28.63 -1.76 0.00	28.19 -1.58 0.00	25.20 -2.16 1.38	25.18 -2.07 0.67	25.25 -2.02 1.24	25.32 -2.25 5.10	23.47 -2.40 9.97	33.77 -2.21 0.21	34.19 -1.82 0.44	34.97 -1.69 5.68	34.42 -1.47 -0.05	32.87 -1.59 0.15	25.59 -1.45 0.26	22.27 -0.72 -1.76
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.28 -2.90 0.00	24.27 -2.49 0.00	22.82 -2.45 0.00	21.66 -2.46 0.00	22.46 -2.50 0.00	24.76 -3.00 0.00	28.50 -3.89 0.00	32.33 -4.15 -0.09	30.61 -3.55 0.01	28.56 -2.86 0.00	27.45 -2.95 0.00	27.23 -2.53 0.00	24.22 -3.22 1.29	24.19 -3.13 0.60	24.23 -3.17 1.12	24.28 -3.56 4.83	22.58 -3.91 9.35	32.25 -3.95 0.00	32.49 -3.97 -0.01	32.77 -4.53 5.04	32.36 -4.09 -0.61	30.86 -3.77 -0.02	24.35 -2.98 -0.02	20.98 -1.87 -1.62

SAWYER___23_KV_LOAD 55526	25.28 -2.90 0.00	24.27 -2.49 0.00	22.82 -2.45 0.00	21.66 -2.46 0.00	22.46 -2.50 0.00	24.76 -3.00 0.00	28.50 -3.89 0.00	32.33 -4.15 -0.09	30.61 -3.55 0.01	28.56 -2.86 0.00	27.45 -2.95 0.00	27.23 -2.53 0.00	24.22 -3.22 1.29	24.19 -3.13 0.60	24.23 -3.17 1.12	24.28 -3.56 4.83	22.58 -3.91 9.35	32.25 -3.95 0.00	32.49 -3.97 -0.01	32.77 -4.53 5.04	32.36 -4.09 -0.61	30.86 -3.77 -0.02	24.35 -2.98 -0.02	20.98 -1.87 -1.62
SELKIRK___I 23801	28.97 0.79 0.00	27.50 0.75 0.00	26.01 0.73 0.00	24.85 0.72 0.00	25.73 0.77 0.00	28.62 0.86 0.00	33.35 0.97 0.00	38.98 1.06 -1.54	35.19 1.02 0.00	32.23 0.82 0.00	31.19 0.79 0.00	30.48 0.71 0.00	29.51 0.78 0.00	29.59 0.70 -0.97	31.13 0.74 -1.87	33.65 0.98 0.00	36.95 1.11 0.00	42.83 1.01 -5.63	49.66 1.06 -12.15	52.37 1.31 -8.71	53.60 1.11 -16.65	40.57 1.07 -4.88	35.63 0.87 -7.46	32.99 0.68 -11.08
SELKIRK___II 23799	28.91 0.73 0.00	27.42 0.67 0.00	25.93 0.66 0.00	24.75 0.63 0.00	25.63 0.67 0.00	28.53 0.78 0.00	33.29 0.91 0.00	38.96 1.02 -1.56	35.19 1.02 0.00	32.33 0.91 0.00	31.25 0.85 0.00	30.57 0.80 0.00	29.63 0.89 0.00	29.75 0.84 -0.99	31.27 0.85 -1.90	33.71 1.05 0.00	36.98 1.15 0.00	43.00 1.08 -5.72	49.95 1.13 -12.36	52.41 1.27 -8.79	53.72 1.07 -16.81	40.58 1.04 -4.93	35.67 0.85 -7.53	33.06 0.64 -11.19
SENECA OSWGO___HYD 24041	27.44 -0.73 0.00	26.09 -0.67 0.00	24.65 -0.63 0.00	23.50 -0.63 0.00	24.33 -0.62 0.00	27.09 -0.67 0.00	31.64 -0.74 0.00	35.65 -0.84 -0.10	33.49 -0.68 0.00	30.79 -0.63 0.00	29.79 -0.61 0.00	29.17 -0.60 0.00	28.10 -0.63 0.00	27.40 -0.59 -0.07	28.07 -0.57 -0.13	32.01 -0.65 0.00	35.16 -0.68 0.00	35.89 -0.69 -0.38	36.62 -0.66 -0.82	42.25 -0.68 -0.58	36.27 -0.68 -1.12	34.25 -0.69 -0.33	27.20 -0.60 -0.50	21.53 -0.45 -0.74
SENECA___115KV_TB3 355854	25.50 -2.68 0.00	24.45 -2.30 0.00	23.03 -2.25 0.00	21.83 -2.29 0.00	22.63 -2.32 0.00	24.95 -2.80 0.00	28.76 -3.63 0.00	32.58 -3.89 -0.09	30.85 -3.31 0.01	28.75 -2.67 0.00	27.66 -2.74 0.00	27.38 -2.38 0.00	24.42 -3.02 1.30	24.33 -2.99 0.60	24.40 -2.99 1.13	24.46 -3.36 4.84	22.80 -3.66 9.38	32.46 -3.73 0.01	32.69 -3.75 0.01	32.91 -4.36 5.07	32.55 -3.87 -0.59	31.03 -3.60 -0.01	24.47 -2.84 -0.01	21.07 -1.85 -1.69
SENECA___ENERGY 23797	27.42 -0.76 0.00	26.09 -0.67 0.00	24.62 -0.66 0.00	23.45 -0.68 0.00	24.30 -0.65 0.00	27.03 -0.72 0.00	31.61 -0.78 0.00	35.65 -0.87 -0.14	33.29 -0.89 -0.01	30.69 -0.72 0.00	29.61 -0.79 0.00	29.05 -0.71 0.00	28.39 -0.92 -0.58	27.42 -0.87 -0.37	28.38 -0.88 -0.75	33.93 -0.98 -2.24	39.09 -1.00 -4.26	35.87 -0.94 -0.61	36.91 -0.88 -1.34	44.74 -0.89 -3.29	36.57 -0.86 -1.59	34.23 -0.93 -0.55	27.26 -0.85 -0.80	21.88 -0.62 -1.27
SHOEMAKER___GT 23640	29.31 1.13 0.00	27.77 1.02 0.00	26.24 0.96 0.00	25.04 0.92 0.00	25.92 0.97 0.00	28.87 1.11 0.00	33.78 1.39 0.00	39.11 1.56 -1.17	35.60 1.43 0.00	32.74 1.32 0.00	31.67 1.28 0.00	31.01 1.25 0.00	30.06 1.32 0.00	29.97 1.31 -0.74	31.27 1.34 -1.42	34.20 1.54 0.00	37.59 1.76 0.00	42.32 1.84 -4.28	47.49 1.79 -9.25	51.04 2.12 -6.58	50.17 1.76 -12.58	39.96 1.66 -3.69	34.21 1.28 -5.63	30.54 0.93 -8.37
SHOEMAKR_138KV_BK 111 55601	29.30 1.13 0.00	27.77 1.02 0.00	26.24 0.96 0.00	25.04 0.92 0.00	25.93 0.97 0.00	28.86 1.11 0.00	33.78 1.39 0.00	39.11 1.56 -1.16	35.60 1.44 0.00	32.77 1.35 0.00	31.70 1.31 0.00	31.01 1.25 0.00	30.11 1.38 0.00	30.00 1.34 -0.74	31.31 1.37 -1.43	34.20 1.54 0.00	37.63 1.79 0.00	42.30 1.85 -4.25	47.47 1.82 -9.19	51.00 2.12 -6.54	50.09 1.76 -12.49	39.94 1.66 -3.66	34.20 1.31 -5.59	30.44 0.89 -8.31
SHOREHAM_IC_1 23715	30.07 1.89 0.00	28.07 1.31 0.00	26.82 1.54 0.00	25.45 1.33 0.00	26.25 1.30 0.00	28.53 0.78 0.00	34.10 1.72 0.00	39.35 1.67 -1.29	35.26 1.09 0.00	32.48 1.07 0.00	31.06 0.67 0.00	30.74 0.98 0.00	30.54 1.81 0.00	29.60 0.87 -0.81	30.97 0.88 -1.57	33.58 0.91 0.00	37.91 2.08 0.00	44.60 3.65 -4.75	50.69 3.97 -10.27	55.65 6.01 -7.30	54.62 4.84 -13.95	42.79 4.08 -4.10	37.03 3.50 -6.24	32.10 1.59 -9.28
SHOREHAM_IC_2 23716	30.07 1.89 0.00	28.07 1.31 0.00	26.82 1.54 0.00	25.45 1.33 0.00	26.25 1.30 0.00	28.53 0.78 0.00	34.10 1.72 0.00	39.35 1.67 -1.29	35.26 1.09 0.00	32.48 1.07 0.00	31.06 0.67 0.00	30.74 0.98 0.00	30.54 1.81 0.00	29.60 0.87 -0.81	30.97 0.88 -1.57	33.58 0.91 0.00	37.91 2.08 0.00	44.60 3.65 -4.75	50.69 3.97 -10.27	55.65 6.01 -7.30	54.62 4.84 -13.95	42.79 4.08 -4.10	37.03 3.50 -6.24	32.10 1.59 -9.28
SISSONVILLE____ 23735	27.81 -0.37 0.00	26.43 -0.32 0.00	25.00 -0.28 0.00	23.86 -0.27 0.00	24.65 -0.30 0.00	27.39 -0.36 0.00	31.67 -0.71 0.00	35.43 -0.98 -0.02	32.94 -1.23 0.00	30.13 -1.29 0.00	29.15 -1.25 0.00	28.48 -1.28 0.00	27.47 -1.26 0.00	26.62 -1.31 -0.02	27.21 -1.34 -0.03	31.16 -1.50 0.00	34.01 -1.83 0.00	34.40 -1.88 -0.09	34.82 -1.82 -0.19	40.36 -2.12 -0.14	34.52 -1.58 -0.26	33.20 -1.49 -0.08	26.35 -1.06 -0.12	20.51 -0.89 -0.17
SITHE_IND_GS1 24169	27.22 -0.96 0.00	25.87 -0.88 0.00	24.44 -0.83 0.00	23.30 -0.82 0.00	24.13 -0.82 0.00	26.84 -0.92 0.00	31.28 -1.10 0.00	35.23 -1.24 -0.08	33.11 -1.06 0.00	30.47 -0.94 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.81 -0.92 0.00	27.10 -0.87 -0.05	27.73 -0.88 -0.10	31.65 -1.01 0.00	34.76 -1.07 0.00	35.40 -1.08 -0.29	35.99 -1.09 -0.63	41.56 -1.23 -0.45	35.63 -1.07 -0.86	33.79 -1.07 -0.25	26.81 -0.87 -0.39	21.19 -0.62 -0.57
SITHE_IND_GS2 24170	27.22 -0.96 0.00	25.87 -0.88 0.00	24.44 -0.83 0.00	23.30 -0.82 0.00	24.13 -0.82 0.00	26.84 -0.92 0.00	31.28 -1.10 0.00	35.23 -1.24 -0.08	33.11 -1.06 0.00	30.47 -0.94 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.81 -0.92 0.00	27.10 -0.87 -0.05	27.73 -0.88 -0.10	31.65 -1.01 0.00	34.76 -1.07 0.00	35.40 -1.08 -0.29	35.99 -1.09 -0.63	41.56 -1.23 -0.45	35.63 -1.07 -0.86	33.79 -1.07 -0.25	26.81 -0.87 -0.39	21.19 -0.62 -0.57
SITHE_IND_GS3 24171	27.22 -0.96 0.00	25.87 -0.88 0.00	24.44 -0.83 0.00	23.30 -0.82 0.00	24.13 -0.82 0.00	26.84 -0.92 0.00	31.28 -1.10 0.00	35.23 -1.24 -0.08	33.11 -1.06 0.00	30.47 -0.94 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.81 -0.92 0.00	27.10 -0.87 -0.05	27.73 -0.88 -0.10	31.65 -1.01 0.00	34.76 -1.07 0.00	35.40 -1.08 -0.29	35.99 -1.09 -0.63	41.56 -1.23 -0.45	35.63 -1.07 -0.86	33.79 -1.07 -0.25	26.81 -0.87 -0.39	21.19 -0.62 -0.57
SITHE_IND_GS4 24172	27.22 -0.96 0.00	25.87 -0.88 0.00	24.44 -0.83 0.00	23.30 -0.82 0.00	24.13 -0.82 0.00	26.84 -0.92 0.00	31.28 -1.10 0.00	35.23 -1.24 -0.08	33.11 -1.06 0.00	30.47 -0.94 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.81 -0.92 0.00	27.10 -0.87 -0.05	27.73 -0.88 -0.10	31.65 -1.01 0.00	34.76 -1.07 0.00	35.40 -1.08 -0.29	35.99 -1.09 -0.63	41.56 -1.23 -0.45	35.63 -1.07 -0.86	33.79 -1.07 -0.25	26.81 -0.87 -0.39	21.19 -0.62 -0.57

SITHE___BATAVIA 24024	26.01 -2.17 0.00	24.86 -1.90 0.00	23.43 -1.84 0.00	22.24 -1.88 0.00	23.13 -1.82 0.00	25.56 -2.19 0.00	29.53 -2.85 0.00	33.05 -3.42 -0.09	31.15 -3.01 0.01	29.03 -2.39 0.00	27.91 -2.49 0.00	27.62 -2.14 0.00	24.83 -2.56 1.35	24.83 -2.46 0.63	24.78 -2.54 1.20	25.01 -2.61 5.04	23.67 -2.80 9.37	33.16 -3.04 -0.01	33.52 -2.95 -0.02	34.32 -2.97 5.06	33.62 -2.83 -0.61	31.86 -2.77 -0.01	25.06 -2.27 -0.02	21.00 -1.72 -1.49
SITHE___INDEPEND 23800	27.22 -0.96 0.00	25.87 -0.88 0.00	24.44 -0.83 0.00	23.30 -0.82 0.00	24.13 -0.82 0.00	26.84 -0.92 0.00	31.28 -1.10 0.00	35.23 -1.24 -0.08	33.11 -1.06 0.00	30.47 -0.94 0.00	29.46 -0.94 0.00	28.87 -0.89 0.00	27.82 -0.92 0.00	27.10 -0.87 -0.05	27.73 -0.88 -0.10	31.65 -1.01 0.00	34.73 -1.11 0.00	35.40 -1.09 -0.29	35.99 -1.09 -0.63	41.57 -1.23 -0.45	35.63 -1.08 -0.86	33.79 -1.07 -0.25	26.81 -0.87 -0.39	21.21 -0.59 -0.57
SITHE___MASSENA 23902	28.38 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.32 0.19 0.00	25.10 0.15 0.00	27.89 0.14 0.00	32.48 0.10 0.00	36.35 -0.04 0.00	33.96 -0.20 0.00	31.16 -0.25 0.00	30.22 -0.18 0.00	29.56 -0.21 0.00	28.50 -0.23 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.34 -0.33 0.00	35.26 -0.57 0.00	35.51 -0.69 0.00	35.76 -0.69 0.00	41.45 -0.89 0.00	35.34 -0.50 0.00	34.16 -0.45 0.00	27.08 -0.22 0.00	21.04 -0.19 0.00
SITHE___OGDNSBRG 24021	28.52 0.34 0.00	27.10 0.35 0.00	25.63 0.35 0.00	24.46 0.34 0.00	25.28 0.32 0.00	28.11 0.36 0.00	32.68 0.29 0.00	36.46 0.07 0.00	33.86 -0.31 0.00	30.94 -0.47 0.00	29.91 -0.49 0.00	29.23 -0.54 0.00	28.19 -0.55 0.00	27.30 -0.61 0.00	27.89 -0.63 0.00	32.01 -0.65 0.00	34.98 -0.86 0.00	35.33 -0.87 0.00	35.72 -0.73 0.00	41.54 -0.80 0.00	35.41 -0.43 0.00	34.20 -0.42 0.00	27.08 -0.22 0.00	21.04 -0.19 0.00
SITHE___STERLING 23777	28.63 0.45 0.00	27.21 0.45 0.00	25.71 0.43 0.00	24.53 0.41 0.00	25.43 0.47 0.00	28.31 0.55 0.00	33.10 0.71 0.00	37.26 0.80 -0.08	34.85 0.68 0.00	31.92 0.50 0.00	30.79 0.39 0.00	30.18 0.42 0.00	29.08 0.35 0.00	28.30 0.34 -0.05	29.01 0.40 -0.10	33.16 0.49 0.00	36.52 0.68 0.00	37.24 0.76 -0.29	37.95 0.87 -0.62	43.88 1.10 -0.44	37.51 0.82 -0.85	35.59 0.73 -0.25	28.17 0.49 -0.38	22.13 0.34 -0.56
SLEIGHT__34_KV_TB1 80719	26.88 -1.30 0.00	25.60 -1.15 0.00	24.19 -1.09 0.00	23.04 -1.09 0.00	23.88 -1.07 0.00	26.56 -1.19 0.00	30.93 -1.46 0.00	35.01 -1.49 -0.12	32.52 -1.64 0.01	30.13 -1.29 0.00	29.09 -1.31 0.00	28.69 -1.07 0.00	26.18 -1.49 1.06	26.04 -1.42 0.45	26.21 -1.43 0.88	27.08 -1.60 3.99	26.38 -1.76 7.70	34.65 -1.74 -0.19	35.18 -1.68 -0.41	36.59 -1.86 3.89	35.21 -1.65 -1.02	33.05 -1.73 -0.16	26.09 -1.47 -0.27	21.65 -0.85 -1.27
SOUTH CAIRO___GT 23612	29.30 1.13 0.00	27.88 1.12 0.00	26.39 1.11 0.00	25.21 1.09 0.00	26.10 1.15 0.00	29.20 1.44 0.00	34.10 1.72 0.00	39.23 1.35 -1.50	35.71 1.54 0.00	32.83 1.41 0.00	31.67 1.28 0.00	30.86 1.10 0.00	29.91 1.18 0.00	29.53 0.67 -0.95	31.07 0.74 -1.82	34.27 1.60 0.00	37.70 1.86 0.00	42.99 1.38 -5.42	49.72 1.57 -11.70	52.31 1.65 -8.32	53.25 1.51 -15.90	40.59 1.32 -4.66	35.43 1.01 -7.12	32.52 0.70 -10.58
SOUTH HAMPTN___IC 23720	30.21 2.03 0.00	28.17 1.42 0.00	26.97 1.69 0.00	25.60 1.47 0.00	26.45 1.50 0.00	28.84 1.08 0.00	34.49 2.10 0.00	39.82 2.15 -1.29	35.67 1.50 0.00	32.89 1.48 0.00	31.46 1.06 0.00	31.10 1.34 0.00	30.86 2.13 0.00	29.96 1.23 -0.81	31.28 1.20 -1.57	33.93 1.27 0.00	38.28 2.44 0.00	44.85 3.91 -4.75	50.94 4.23 -10.27	55.87 6.23 -7.30	54.77 4.98 -13.95	42.93 4.22 -4.10	37.09 3.55 -6.24	32.19 1.68 -9.28
SOUTHDOW_115KV_TB1 355954	26.15 -2.03 0.00	25.02 -1.74 0.00	23.46 -1.82 0.00	22.17 -1.95 0.00	23.03 -1.92 0.00	25.39 -2.36 0.00	29.34 -3.04 0.00	33.05 -3.42 -0.09	31.29 -2.87 0.01	29.03 -2.39 0.00	27.94 -2.46 0.00	27.65 -2.11 0.00	24.69 -2.73 1.31	24.57 -2.74 0.61	24.55 -2.82 1.14	24.61 -3.17 4.89	22.90 -3.44 9.49	32.69 -3.47 0.03	33.00 -3.39 0.06	33.16 -4.02 5.16	32.90 -3.48 -0.53	31.46 -3.15 0.00	24.79 -2.48 0.02	21.25 -1.80 -1.82
SOUTHOLD_69_KV_BK 2 55809	30.66 2.48 0.00	28.17 1.42 0.00	27.02 1.74 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.61 1.86 0.00	34.97 2.59 0.00	40.30 2.62 -1.29	36.08 1.91 0.00	33.33 1.92 0.00	32.13 1.73 0.00	31.49 1.73 0.00	31.29 2.56 0.00	30.56 1.81 -0.82	31.67 1.57 -1.59	33.64 0.98 0.00	38.49 2.65 0.00	44.31 3.37 -4.75	51.16 4.45 -10.26	55.99 6.35 -7.30	54.84 5.05 -13.95	42.93 4.22 -4.09	37.03 3.49 -6.24	32.14 1.63 -9.27
SOUTHOLD___IC 23719	30.21 2.03 0.00	28.17 1.42 0.00	27.02 1.74 0.00	25.69 1.57 0.00	26.62 1.67 0.00	29.11 1.36 0.00	34.84 2.46 0.00	40.26 2.58 -1.29	36.08 1.91 0.00	33.30 1.88 0.00	31.83 1.43 0.00	31.49 1.73 0.00	31.17 2.44 0.00	30.24 1.51 -0.81	31.54 1.45 -1.57	34.17 1.50 0.00	38.49 2.65 0.00	45.07 4.12 -4.75	51.16 4.45 -10.27	55.99 6.35 -7.30	54.84 5.05 -13.95	42.93 4.22 -4.10	37.03 3.50 -6.24	32.19 1.68 -9.28
SOUTH_FORK_WT_PWR 323839	29.98 1.80 0.00	27.99 1.23 0.00	26.87 1.59 0.00	25.57 1.45 0.00	26.55 1.60 0.00	29.06 1.30 0.00	34.84 2.46 0.00	40.26 2.58 -1.29	36.08 1.91 0.00	33.30 1.88 0.00	31.86 1.46 0.00	31.49 1.73 0.00	31.17 2.44 0.00	30.21 1.48 -0.81	31.45 1.37 -1.57	34.03 1.37 0.00	38.31 2.47 0.00	44.85 3.91 -4.75	50.87 4.15 -10.27	55.62 5.97 -7.30	54.52 4.73 -13.95	42.62 3.91 -4.10	36.76 3.22 -6.24	32.02 1.51 -9.28
SPIERFLS_115KV_TB 1 80737	29.56 1.38 0.00	28.01 1.26 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.37 1.42 0.00	29.39 1.64 0.00	34.36 1.98 0.00	40.43 2.44 -1.61	36.39 2.22 0.00	33.21 1.79 0.00	32.10 1.70 0.00	31.31 1.55 0.00	30.26 1.52 0.00	30.49 1.54 -1.03	32.13 1.63 -1.98	34.79 2.12 0.00	37.13 1.29 0.00	43.27 1.16 -5.91	50.58 1.35 -12.78	52.96 1.52 -9.09	54.58 1.36 -17.38	40.92 1.21 -5.09	36.06 0.98 -7.78	33.46 0.66 -11.57
ST LAWRENCE____ 23600	28.09 -0.08 0.00	26.68 -0.08 0.00	25.20 -0.08 0.00	24.08 -0.05 0.00	24.85 -0.10 0.00	27.62 -0.14 0.00	32.16 -0.23 0.00	35.98 -0.40 0.00	33.66 -0.51 0.00	30.95 -0.47 0.00	29.97 -0.43 0.00	29.32 -0.45 0.00	28.27 -0.46 0.00	27.42 -0.50 0.00	27.95 -0.57 0.00	32.05 -0.62 0.00	34.98 -0.86 0.00	35.25 -0.94 0.00	35.50 -0.95 0.00	41.16 -1.19 0.00	35.02 -0.82 0.00	33.92 -0.69 0.00	26.86 -0.44 0.00	20.85 -0.38 0.00
STATE_CA_115KV_115_LB 55624	28.97 0.79 0.00	27.48 0.72 0.00	25.98 0.71 0.00	24.82 0.70 0.00	25.70 0.75 0.00	28.61 0.86 0.00	33.39 1.00 0.00	39.13 1.16 -1.58	35.30 1.13 0.00	32.39 0.97 0.00	31.34 0.94 0.00	30.66 0.89 0.00	29.71 0.98 0.00	29.88 0.95 -1.01	31.46 1.00 -1.94	33.88 1.21 0.00	37.13 1.29 0.00	43.19 1.19 -5.80	50.22 1.24 -12.53	52.65 1.40 -8.91	54.05 1.18 -17.03	40.75 1.14 -4.99	35.82 0.90 -7.63	33.22 0.66 -11.33

STATE_ST_34_KV_LOAD 55959	27.78 -0.39 0.00	26.43 -0.32 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.42 -0.33 0.00	32.09 -0.29 0.00	36.30 -0.29 -0.21	33.86 -0.31 0.00	31.16 -0.25 0.00	30.12 -0.27 0.00	29.53 -0.24 0.00	28.75 -0.40 -0.42	27.90 -0.36 -0.34	28.86 -0.31 -0.66	33.90 -0.33 -1.56	38.54 -0.32 -3.03	36.81 -0.25 -0.87	38.14 -0.18 -1.87	45.18 -0.13 -2.97	37.98 -0.22 -2.35	35.05 -0.31 -0.74	28.08 -0.35 -1.13	22.27 -0.19 -1.23
STATION 5_MISC_HYD 23604	26.57 -1.60 0.00	25.31 -1.45 0.00	23.91 -1.37 0.00	22.75 -1.37 0.00	23.60 -1.35 0.00	26.17 -1.58 0.00	30.34 -2.04 0.00	34.29 -2.18 -0.09	31.97 -2.19 0.01	29.72 -1.70 0.00	28.67 -1.73 0.00	28.37 -1.40 0.00	25.55 -1.90 1.29	25.51 -1.81 0.59	25.50 -1.88 1.13	25.70 -2.12 4.84	24.11 -2.33 9.39	33.89 -2.32 -0.02	34.23 -2.26 -0.03	34.74 -2.54 5.07	34.24 -2.22 -0.62	32.41 -2.22 -0.01	25.47 -1.86 -0.03	21.25 -1.32 -1.33
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.97 -1.21 0.00	25.68 -1.07 0.00	24.27 -1.01 0.00	23.09 -1.04 0.00	23.95 -1.00 0.00	26.62 -1.14 0.00	30.89 -1.49 0.00	34.86 -1.60 -0.07	32.37 -1.78 0.02	30.00 -1.41 0.00	28.94 -1.46 0.00	28.51 -1.25 0.00	24.79 -1.70 2.25	25.25 -1.59 1.08	24.80 -1.63 2.09	22.33 -1.83 8.50	17.50 -1.94 16.40	34.08 -1.88 0.24	34.14 -1.79 0.52	31.07 -1.99 9.28	34.40 -1.72 -0.28	32.60 -1.80 0.22	25.46 -1.56 0.28	21.69 -0.89 -1.35
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.46 -1.72 0.00	25.26 -1.50 0.00	23.84 -1.44 0.00	22.68 -1.45 0.00	23.53 -1.42 0.00	26.12 -1.64 0.00	30.28 -2.10 0.00	34.25 -2.22 -0.09	31.87 -2.29 0.01	29.63 -1.79 0.00	28.60 -1.79 0.00	28.28 -1.49 0.00	25.30 -2.07 1.37	25.30 -1.98 0.63	25.28 -2.02 1.21	25.22 -2.29 5.16	23.45 -2.44 9.95	33.78 -2.43 -0.01	34.10 -2.37 -0.02	34.34 -2.63 5.38	34.18 -2.29 -0.64	32.31 -2.32 -0.01	25.39 -1.94 -0.03	21.47 -1.08 -1.32
STA_56___34_KV_BUS2 355983	26.46 -1.72 0.00	25.26 -1.50 0.00	23.84 -1.44 0.00	22.68 -1.45 0.00	23.53 -1.42 0.00	26.12 -1.64 0.00	30.28 -2.10 0.00	34.25 -2.22 -0.09	31.87 -2.29 0.01	29.63 -1.79 0.00	28.60 -1.79 0.00	28.28 -1.49 0.00	25.30 -2.07 1.37	25.30 -1.98 0.63	25.28 -2.02 1.21	25.22 -2.29 5.16	23.45 -2.44 9.95	33.78 -2.43 -0.01	34.10 -2.37 -0.02	34.34 -2.63 5.38	34.18 -2.29 -0.64	32.31 -2.32 -0.01	25.39 -1.94 -0.03	21.47 -1.08 -1.32
STA_67___115KV_BK2 355882	26.49 -1.69 0.00	25.28 -1.47 0.00	23.86 -1.42 0.00	22.70 -1.42 0.00	23.55 -1.40 0.00	26.12 -1.64 0.00	30.25 -2.14 0.00	34.25 -2.22 -0.09	31.90 -2.26 0.01	29.66 -1.76 0.00	28.60 -1.79 0.00	28.31 -1.46 0.00	25.41 -2.01 1.31	25.39 -1.93 0.60	25.43 -1.94 1.15	25.52 -2.22 4.93	23.82 -2.44 9.58	33.78 -2.43 -0.01	34.10 -2.37 -0.02	34.54 -2.63 5.18	34.13 -2.33 -0.62	32.31 -2.32 -0.01	25.42 -1.91 -0.03	21.53 -1.04 -1.33
STA_7___115KV_9TRANS 80674	26.63 -1.55 0.00	25.42 -1.34 0.00	23.99 -1.29 0.00	22.82 -1.30 0.00	23.68 -1.27 0.00	26.26 -1.50 0.00	30.44 -1.94 0.00	34.47 -2.00 -0.09	32.11 -2.05 0.01	29.85 -1.57 0.00	28.82 -1.58 0.00	28.51 -1.25 0.00	25.61 -1.81 1.31	25.61 -1.70 0.60	25.60 -1.77 1.15	25.77 -1.96 4.93	24.06 -2.19 9.59	34.03 -2.17 -0.01	34.39 -2.08 -0.02	34.83 -2.33 5.18	34.45 -2.01 -0.62	32.55 -2.08 -0.01	25.58 -1.75 -0.03	21.65 -0.91 -1.33
STA_82___115KV_TB1 80780	26.49 -1.69 0.00	25.28 -1.47 0.00	23.86 -1.42 0.00	22.70 -1.42 0.00	23.55 -1.40 0.00	26.12 -1.64 0.00	30.28 -2.10 0.00	34.25 -2.22 -0.09	31.90 -2.26 0.01	29.66 -1.76 0.00	28.63 -1.76 0.00	28.31 -1.46 0.00	25.41 -2.01 1.32	25.41 -1.90 0.60	25.42 -1.94 1.16	25.53 -2.19 4.95	23.78 -2.44 9.62	33.78 -2.43 -0.01	34.13 -2.33 -0.02	34.51 -2.63 5.20	34.16 -2.29 -0.61	32.31 -2.32 -0.01	25.42 -1.91 -0.03	21.53 -1.04 -1.34
STEEL___WIND 323596	25.56 -2.62 0.00	24.45 -2.30 0.00	23.00 -2.27 0.00	21.81 -2.32 0.00	22.61 -2.35 0.00	24.92 -2.83 0.00	28.76 -3.63 0.00	32.55 -3.93 -0.09	30.85 -3.31 0.01	28.71 -2.70 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.39 -3.05 1.30	24.33 -2.99 0.60	24.36 -3.02 1.13	24.43 -3.40 4.83	22.79 -3.69 9.36	32.42 -3.77 0.01	32.62 -3.83 0.00	32.88 -4.40 5.06	32.49 -3.94 -0.59	30.99 -3.63 -0.01	24.44 -2.87 -0.01	20.65 -2.27 -1.69
STEPHTWN_115KV_BK_2 55603	29.08 0.90 0.00	27.61 0.86 0.00	26.11 0.83 0.00	24.92 0.80 0.00	25.83 0.87 0.00	28.75 1.00 0.00	33.58 1.20 0.00	39.33 1.38 -1.56	35.50 1.33 0.00	32.55 1.13 0.00	31.49 1.09 0.00	30.78 1.01 0.00	29.86 1.12 0.00	30.01 1.09 -1.00	31.56 1.11 -1.93	34.04 1.37 0.00	37.31 1.47 -5.75	43.36 1.41 -12.42	50.33 1.46 -8.83	52.83 1.65 -16.89	54.16 1.43 -4.95	40.91 1.35 -7.56	35.92 1.06 -7.56	33.23 0.76 -11.24
STEUBEN_REC_LFGE 323667	26.80 -1.38 0.00	25.50 -1.26 0.00	23.96 -1.31 0.00	22.68 -1.45 0.00	23.38 -1.57 0.00	25.87 -1.89 0.00	30.08 -2.30 0.00	33.55 -2.73 0.11	31.54 -2.63 0.00	29.06 -2.36 0.00	27.91 -2.49 0.00	27.41 -2.35 0.00	23.87 -2.82 2.05	24.09 -2.68 1.14	23.80 -2.65 2.06	22.16 -3.01 7.50	17.82 -3.26 14.76	31.89 -3.22 1.08	31.11 -3.06 2.28	29.48 -3.35 9.52	30.82 -2.94 2.08	30.94 -2.84 0.84	23.55 -2.37 1.38	22.00 -1.36 -2.13
STILLWATER___SOLAR 323814	29.53 1.35 0.00	28.01 1.26 0.00	26.51 1.24 0.00	25.28 1.16 0.00	26.40 1.45 0.00	29.42 1.67 0.00	34.33 1.94 0.00	40.33 2.36 -1.59	36.29 2.12 0.00	33.14 1.73 0.00	32.01 1.61 0.00	31.22 1.46 0.00	30.23 1.49 0.00	30.44 1.51 -1.02	32.10 1.62 -1.95	34.46 1.80 0.00	37.88 2.04 0.00	43.76 1.67 -5.89	50.97 1.79 -12.74	53.47 2.07 -9.05	54.93 1.79 -17.30	41.35 1.66 -5.07	36.35 1.31 -7.75	33.87 1.12 -11.51
STONY___BROOK 24151	30.40 2.23 0.00	28.36 1.61 0.00	27.05 1.77 0.00	25.64 1.52 0.00	26.55 1.60 0.00	29.09 1.33 0.00	34.68 2.30 0.00	40.01 2.33 -1.29	35.94 1.78 0.00	33.17 1.76 0.00	31.73 1.34 0.00	31.34 1.58 0.00	30.92 2.18 0.00	30.32 1.59 -0.81	31.77 1.68 -1.57	34.52 1.86 0.00	38.67 2.83 0.00	45.03 4.09 -4.75	50.98 4.26 -10.27	55.62 5.97 -7.30	54.62 4.84 -13.95	43.00 4.29 -4.10	37.09 3.55 -6.24	32.31 1.80 -9.28
STURGEON_POOL_HYD 23609	29.64 1.47 0.00	28.07 1.31 0.00	26.52 1.24 0.00	25.33 1.21 0.00	26.20 1.25 0.00	29.20 1.44 0.00	34.20 1.81 0.00	39.56 1.86 -1.32	36.01 1.85 0.00	33.11 1.70 0.00	32.07 1.67 0.00	31.34 1.58 0.00	30.46 1.72 0.00	30.32 1.56 -0.84	31.70 1.57 -1.61	34.59 1.93 0.00	38.06 2.22 0.00	43.14 2.14 -4.81	48.92 2.08 -10.39	52.18 2.46 -7.38	52.00 2.04 -14.12	40.69 1.94 -4.14	35.12 1.50 -6.32	31.65 1.02 -9.39
ST_LAW_115_BK7_LBMP 345037	28.09 -0.08 0.00	26.68 -0.08 0.00	25.20 -0.08 0.00	24.08 -0.05 0.00	24.85 -0.10 0.00	27.62 -0.14 0.00	32.16 -0.23 0.00	35.98 -0.40 0.00	33.62 -0.55 0.00	30.91 -0.50 0.00	29.94 -0.46 0.00	29.29 -0.48 0.00	28.25 -0.49 0.00	27.39 -0.53 0.00	27.95 -0.57 0.00	32.01 -0.65 0.00	34.94 -0.89 0.00	35.18 -1.01 0.00	35.43 -1.02 0.00	41.07 -1.27 0.00	35.02 -0.82 0.00	33.89 -0.73 0.00	26.83 -0.46 0.00	20.85 -0.38 0.00

ST_LAW_115_BK8_LBMP 345038	28.09 -0.08 0.00	26.68 -0.08 0.00	25.20 -0.08 0.00	24.08 -0.05 0.00	24.85 -0.10 0.00	27.62 -0.14 0.00	32.16 -0.23 0.00	35.98 -0.40 0.00	33.62 -0.55 0.00	30.91 -0.50 0.00	29.94 -0.46 0.00	29.29 -0.48 0.00	28.25 -0.49 0.00	27.39 -0.53 0.00	27.95 -0.57 0.00	32.01 -0.65 0.00	34.94 -0.89 0.00	35.18 -1.01 0.00	35.43 -1.02 0.00	41.07 -1.27 0.00	35.02 -0.82 0.00	33.89 -0.73 0.00	26.83 -0.46 0.00	20.85 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	28.09 -0.08 0.00	26.68 -0.08 0.00	25.20 -0.08 0.00	24.08 -0.05 0.00	24.85 -0.10 0.00	27.62 -0.14 0.00	32.16 -0.23 0.00	35.98 -0.40 0.00	33.66 -0.51 0.00	30.95 -0.47 0.00	29.97 -0.43 0.00	29.32 -0.45 0.00	28.27 -0.46 0.00	27.42 -0.50 0.00	27.95 -0.57 0.00	32.05 -0.62 0.00	34.98 -0.86 0.00	35.25 -0.94 0.00	35.50 -0.95 0.00	41.16 -1.19 0.00	35.02 -0.82 0.00	33.92 -0.69 0.00	26.86 -0.44 0.00	20.85 -0.38 0.00
ST_LAW_230_BK6_LBMP 345036	28.09 -0.08 0.00	26.68 -0.08 0.00	25.20 -0.08 0.00	24.08 -0.05 0.00	24.85 -0.10 0.00	27.62 -0.14 0.00	32.16 -0.23 0.00	35.98 -0.40 0.00	33.66 -0.51 0.00	30.95 -0.47 0.00	29.97 -0.43 0.00	29.32 -0.45 0.00	28.27 -0.46 0.00	27.42 -0.50 0.00	27.95 -0.57 0.00	32.05 -0.62 0.00	34.98 -0.86 0.00	35.25 -0.94 0.00	35.50 -0.95 0.00	41.16 -1.19 0.00	35.02 -0.82 0.00	33.92 -0.69 0.00	26.86 -0.44 0.00	20.85 -0.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.47 1.30 0.00	27.91 1.15 0.00	26.36 1.09 0.00	25.16 1.04 0.00	26.05 1.10 0.00	29.00 1.25 0.00	33.97 1.59 0.00	39.39 1.82 -1.19	35.84 1.67 0.00	32.96 1.54 0.00	31.92 1.52 0.00	31.22 1.46 0.00	30.32 1.58 0.00	30.24 1.56 -0.76	31.58 1.60 -1.47	34.46 1.80 0.00	37.88 2.04 0.00	42.67 2.10 -4.38	47.98 2.08 -9.46	51.48 2.41 -6.72	50.69 2.01 -12.85	40.29 1.90 -3.77	34.53 1.47 -5.75	30.80 1.02 -8.55
SWANROAD_115KV_TB1 355699	24.74 -3.44 0.00	23.76 -3.00 0.00	22.37 -2.91 0.00	21.23 -2.89 0.00	22.01 -2.94 0.00	24.23 -3.52 0.00	27.88 -4.50 0.00	31.64 -4.84 -0.09	29.99 -4.17 0.01	27.99 -3.42 0.00	26.90 -3.50 0.00	26.70 -3.07 0.00	23.68 -3.76 1.30	23.66 -3.66 0.60	23.71 -3.68 1.13	24.13 -3.69 4.85	22.44 -4.05 9.35	31.60 -4.60 0.00	31.83 -4.63 -0.01	32.64 -4.66 5.05	31.75 -4.69 -0.60	30.23 -4.40 -0.01	23.85 -3.47 -0.02	20.65 -2.17 -1.58
SYNERGY___BIOGAS 323694	25.92 -2.25 0.00	24.86 -1.90 0.00	23.43 -1.85 0.00	22.24 -1.88 0.00	23.11 -1.85 0.00	25.56 -2.19 0.00	29.50 -2.88 0.00	33.06 -3.42 -0.09	31.15 -3.01 0.01	29.03 -2.39 0.00	27.91 -2.49 0.00	27.62 -2.14 0.00	24.85 -2.59 1.30	24.81 -2.51 0.60	24.85 -2.54 1.13	25.20 -2.61 4.86	23.97 -2.83 9.04	33.13 -3.08 -0.01	33.53 -2.95 -0.04	34.52 -2.96 4.86	33.61 -2.83 -0.61	31.82 -2.80 -0.01	25.03 -2.29 -0.02	21.41 -1.32 -1.49
SYRACUSE___ENERGY_ST1 323597	27.78 -0.39 0.00	26.41 -0.35 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.39 -0.36 0.00	32.03 -0.36 0.00	36.11 -0.40 -0.13	33.86 -0.31 0.00	31.20 -0.22 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.52 -0.29 -0.08	27.79 -0.25 -0.12	28.53 -0.23 -0.24	32.70 -0.26 -0.29	36.15 -0.25 -0.56	36.45 -0.25 -0.51	37.33 -0.22 -1.10	43.22 -0.21 -1.09	37.01 -0.29 -1.46	34.74 -0.31 -0.44	27.64 -0.33 -0.67	22.00 -0.19 -0.96
SYRACUSE___ENERGY_ST2 323598	27.78 -0.39 0.00	26.41 -0.35 0.00	24.95 -0.33 0.00	23.79 -0.34 0.00	24.63 -0.32 0.00	27.39 -0.36 0.00	32.03 -0.36 0.00	36.11 -0.40 -0.13	33.86 -0.31 0.00	31.20 -0.22 0.00	30.15 -0.24 0.00	29.56 -0.21 0.00	28.52 -0.29 -0.08	27.79 -0.25 -0.12	28.53 -0.23 -0.24	32.70 -0.26 -0.29	36.15 -0.25 -0.56	36.45 -0.25 -0.51	37.33 -0.22 -1.10	43.22 -0.21 -1.09	37.01 -0.29 -1.46	34.74 -0.31 -0.44	27.64 -0.33 -0.67	22.00 -0.19 -0.96
SYRACUSE___POWER 24017	27.75 -0.42 0.00	26.35 -0.40 0.00	24.90 -0.38 0.00	23.76 -0.36 0.00	24.60 -0.35 0.00	27.37 -0.39 0.00	32.00 -0.39 0.00	36.15 -0.40 -0.17	33.86 -0.31 0.00	31.16 -0.25 0.00	30.12 -0.27 0.00	29.53 -0.24 0.00	28.57 -0.32 -0.15	27.85 -0.25 -0.18	28.60 -0.26 -0.34	32.91 -0.29 -0.54	36.61 -0.29 -1.06	36.60 -0.25 -0.66	37.66 -0.22 -1.42	43.71 -0.21 -1.58	37.45 -0.25 -1.86	34.87 -0.31 -0.56	27.86 -0.30 -0.87	22.04 -0.19 -1.00
TALLMAN___138KV_BK151 55660	29.67 1.49 0.00	28.09 1.34 0.00	26.52 1.24 0.00	25.33 1.21 0.00	26.20 1.25 0.00	29.20 1.44 0.00	34.23 1.85 0.00	39.72 2.11 -1.22	36.12 1.95 0.00	33.24 1.82 0.00	32.19 1.79 0.00	31.49 1.73 0.00	30.60 1.87 0.00	30.52 1.81 -0.79	31.88 1.85 -1.51	34.76 2.09 0.00	38.20 2.37 0.00	43.12 2.43 -4.50	48.54 2.37 -9.72	52.00 2.75 -6.91	51.34 2.29 -13.20	40.67 2.18 -3.87	34.90 1.69 -5.91	31.19 1.17 -8.79
TEALLAVE_115KV_TB7 355573	27.64 -0.54 0.00	26.27 -0.48 0.00	24.82 -0.45 0.00	23.67 -0.46 0.00	24.50 -0.45 0.00	27.28 -0.47 0.00	31.87 -0.52 0.00	35.95 -0.55 -0.11	33.76 -0.41 0.00	31.07 -0.35 0.00	30.06 -0.33 0.00	29.47 -0.30 0.00	28.36 -0.37 0.00	27.66 -0.34 -0.07	28.35 -0.31 -0.14	32.31 -0.36 0.00	35.48 -0.36 0.00	36.26 -0.36 -0.42	37.04 -0.33 -0.92	42.66 -0.34 -0.65	36.69 -0.39 -1.25	34.56 -0.42 -0.37	27.47 -0.38 -0.56	21.81 -0.25 -0.83
TELGRAPH_34_KV_EAST 80808	25.44 -2.73 0.00	24.40 -2.35 0.00	22.98 -2.30 0.00	21.83 -2.29 0.00	22.66 -2.30 0.00	25.01 -2.75 0.00	28.82 -3.56 0.00	32.58 -3.89 -0.09	30.78 -3.38 0.01	28.68 -2.73 0.00	27.60 -2.80 0.00	27.35 -2.41 0.00	24.39 -3.05 1.30	24.36 -2.96 0.60	24.39 -2.99 1.13	24.70 -3.10 4.87	23.13 -3.37 9.34	32.51 -3.69 0.00	32.82 -3.65 -0.01	33.53 -3.77 5.04	32.79 -3.66 -0.60	31.16 -3.46 -0.01	24.53 -2.78 -0.02	21.08 -1.68 -1.53
TEMPLE___115KV_TB 2 55572	27.67 -0.51 0.00	26.30 -0.45 0.00	24.82 -0.45 0.00	23.69 -0.43 0.00	24.53 -0.42 0.00	27.28 -0.47 0.00	31.87 -0.52 0.00	35.95 -0.55 -0.12	33.79 -0.38 0.00	31.10 -0.31 0.00	30.09 -0.30 0.00	29.50 -0.27 0.00	28.39 -0.34 0.00	27.69 -0.31 -0.08	28.38 -0.29 -0.14	32.34 -0.33 0.00	35.52 -0.32 0.00	36.30 -0.33 -0.43	37.05 -0.33 -0.93	42.66 -0.34 -0.66	36.74 -0.36 -1.26	34.57 -0.42 -0.37	27.48 -0.38 -0.57	21.84 -0.23 -0.84
TIANA____69_KV_BK 1 55817	30.69 2.51 0.00	28.20 1.44 0.00	26.97 1.69 0.00	25.57 1.45 0.00	26.42 1.47 0.00	29.31 1.55 0.00	34.52 2.14 0.00	39.75 2.07 -1.29	35.60 1.44 0.00	32.86 1.45 0.00	31.70 1.31 0.00	31.04 1.28 0.00	30.92 2.18 0.00	30.22 1.48 -0.82	31.39 1.28 -1.59	33.38 0.72 0.00	38.24 2.40 0.00	44.09 3.15 -4.75	50.94 4.23 -10.26	55.87 6.22 -7.30	54.80 5.02 -13.95	42.97 4.26 -4.09	37.12 3.58 -6.24	32.14 1.63 -9.27
TILDEN___115KV_TB1 80814	27.75 -0.42 0.00	26.35 -0.40 0.00	24.90 -0.38 0.00	23.76 -0.36 0.00	24.60 -0.35 0.00	27.37 -0.39 0.00	32.00 -0.39 0.00	36.15 -0.40 -0.17	33.86 -0.31 0.00	31.16 -0.25 0.00	30.12 -0.27 0.00	29.53 -0.24 0.00	28.57 -0.32 -0.15	27.85 -0.25 -0.18	28.60 -0.26 -0.34	32.91 -0.29 -0.54	36.61 -0.29 -1.06	36.60 -0.25 -0.66	37.66 -0.22 -1.42	43.71 -0.21 -1.58	37.45 -0.25 -1.86	34.87 -0.31 -0.56	27.86 -0.30 -0.87	22.04 -0.19 -1.00

TRIGEN___CC 323695	30.32 2.14 0.00	28.44 1.69 0.00	26.89 1.62 0.00	25.60 1.47 0.00	26.55 1.60 0.00	29.61 1.86 0.00	34.91 2.53 0.00	40.30 2.62 -1.29	36.53 2.36 0.00	33.89 2.48 0.00	32.52 2.13 0.00	31.85 2.08 0.00	31.06 2.33 0.00	31.34 2.60 -0.82	32.73 2.62 -1.59	35.11 2.45 0.00	38.92 3.08 0.00	44.24 3.29 -4.75	49.89 3.17 -10.27	53.42 3.77 -7.31	52.87 3.08 -13.95	41.66 2.94 -4.10	36.08 2.54 -6.24	32.06 1.55 -9.27
TRINITY___115KV___4 BK 55933	28.91 0.73 0.00	27.45 0.70 0.00	25.96 0.68 0.00	24.78 0.65 0.00	25.65 0.70 0.00	28.56 0.80 0.00	33.32 0.94 0.00	39.04 1.09 -1.57	35.23 1.06 0.00	32.33 0.91 0.00	31.28 0.88 0.00	30.60 0.83 0.00	29.65 0.92 0.00	29.82 0.89 -1.01	31.36 0.91 -1.93	33.78 1.11 0.00	37.02 1.18 0.00	43.07 1.12 -5.76	50.06 1.17 -12.44	52.50 1.31 -8.85	53.86 1.11 -16.91	40.64 1.07 -4.96	35.72 0.85 -7.57	33.10 0.62 -11.25
UNION___PROCESSING_DRP 323587	26.49 -1.69 0.00	25.28 -1.47 0.00	23.86 -1.42 0.00	22.70 -1.42 0.00	23.55 -1.40 0.00	26.12 -1.64 0.00	30.28 -2.10 0.00	34.25 -2.22 -0.09	31.90 -2.26 0.01	29.66 -1.76 0.00	28.63 -1.76 0.00	28.31 -1.46 0.00	25.41 -2.01 1.32	25.41 -1.90 0.60	25.42 -1.94 1.16	25.53 -2.19 4.95	23.77 -2.44 9.63	33.81 -2.39 -0.01	34.13 -2.33 -0.02	34.51 -2.63 5.21	34.16 -2.29 -0.62	32.34 -2.28 -0.01	25.42 -1.91 -0.03	21.53 -1.04 -1.34
UPPER HUDSON___HYD 24058	29.56 1.38 0.00	28.01 1.26 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.37 1.42 0.00	29.39 1.64 0.00	34.36 1.98 0.00	40.43 2.44 -1.61	36.39 2.22 0.00	33.21 1.79 0.00	32.10 1.70 0.00	31.31 1.55 0.00	30.26 1.52 0.00	30.49 1.53 -1.03	32.13 1.62 -1.98	33.81 1.14 0.00	37.13 1.29 0.00	43.27 1.16 -5.92	50.59 1.35 -12.79	52.95 1.52 -9.09	54.57 1.36 -17.37	40.92 1.21 -5.09	36.06 0.98 -7.78	34.00 1.21 -11.56
UPPER RAQUET___HYD 24056	27.81 -0.37 0.00	26.44 -0.32 0.00	25.00 -0.28 0.00	23.86 -0.26 0.00	24.65 -0.30 0.00	27.42 -0.33 0.00	31.67 -0.71 0.00	35.43 -0.98 -0.02	32.94 -1.23 0.00	30.13 -1.29 0.00	29.15 -1.25 0.00	28.48 -1.28 0.00	27.47 -1.26 0.00	26.62 -1.31 -0.02	27.21 -1.34 -0.03	31.20 -1.47 0.00	34.01 -1.83 0.00	34.36 -1.92 -0.09	34.82 -1.82 -0.19	40.36 -2.12 -0.14	34.52 -1.58 -0.26	33.20 -1.49 -0.08	26.35 -1.07 -0.12	20.49 -0.91 -0.17
VALLEY44_115KV_TB2 355964	25.81 -2.37 0.00	24.70 -2.06 0.00	23.23 -2.05 0.00	22.05 -2.07 0.00	22.86 -2.10 0.00	25.26 -2.50 0.00	29.24 -3.14 0.00	32.80 -3.67 -0.09	30.99 -3.18 0.01	28.75 -2.67 0.00	27.63 -2.77 0.00	27.32 -2.44 0.00	24.52 -2.90 1.31	24.34 -2.96 0.61	24.35 -3.02 1.14	24.39 -3.40 4.88	22.76 -3.58 9.50	32.51 -3.66 0.03	32.82 -3.57 0.06	32.70 -4.49 5.16	32.69 -3.69 -0.54	31.08 -3.53 0.00	24.49 -2.78 0.02	20.91 -2.21 -1.88
VALLEY___115KV_TB 1-4 80826	28.29 0.11 0.00	26.84 0.08 0.00	25.30 0.03 0.00	24.10 -0.02 0.00	24.88 -0.07 0.00	27.62 -0.14 0.00	31.44 -0.94 0.00	35.18 -1.20 0.00	32.97 -1.20 0.00	30.38 -1.04 0.00	29.55 -0.85 0.00	28.99 -0.77 0.00	27.99 -0.75 0.00	27.16 -0.75 0.00	27.63 -0.88 0.00	31.69 -0.98 0.00	34.66 -1.18 0.00	34.96 -1.23 0.00	35.21 -1.24 0.00	40.90 -1.44 0.00	34.58 -1.25 0.00	33.54 -1.07 0.00	26.51 -0.79 0.00	20.64 -0.59 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.45 1.27 0.00	27.99 1.23 0.00	26.44 1.16 0.00	25.23 1.11 0.00	26.15 1.20 0.00	29.14 1.39 0.00	34.13 1.75 0.00	38.93 2.00 -0.55	36.01 1.85 0.00	33.05 1.63 0.00	31.95 1.55 0.00	31.31 1.55 0.00	30.20 1.47 0.00	29.69 1.42 -0.35	30.71 1.51 -0.68	34.40 1.73 0.00	37.81 1.97 0.00	40.21 1.99 -2.02	42.83 2.00 -4.37	47.78 2.33 -3.11	43.64 1.86 -5.94	38.12 1.77 -1.74	31.29 1.34 -2.66	26.16 0.98 -3.95
VISCHER___FERRY HYD 24020	29.28 1.10 0.00	27.75 0.99 0.00	26.24 0.96 0.00	25.06 0.94 0.00	26.00 1.05 0.00	28.97 1.22 0.00	33.84 1.46 0.00	39.74 1.78 -1.58	35.77 1.61 0.00	32.77 1.35 0.00	31.70 1.31 0.00	30.98 1.22 0.00	30.00 1.26 0.00	30.16 1.23 -1.01	31.74 1.28 -1.94	34.14 1.47 0.00	37.52 1.68 0.00	43.61 1.59 -5.82	50.70 1.68 -12.58	53.23 1.95 -8.94	54.57 1.65 -17.08	41.18 1.56 -5.01	36.18 1.23 -7.65	33.58 0.98 -11.37
V_A_10_SYNC_DSASP 323832	25.64 -2.54 0.00	24.51 -2.25 0.00	23.10 -2.17 0.00	21.95 -2.17 0.00	22.76 -2.20 0.00	25.12 -2.64 0.00	29.02 -3.37 0.00	32.87 -3.60 -0.09	30.95 -3.21 0.01	28.84 -2.58 0.00	27.75 -2.64 0.00	27.50 -2.26 0.00	24.55 -2.90 1.28	24.54 -2.79 0.59	24.57 -2.82 1.12	24.63 -3.23 4.80	23.03 -3.51 9.30	32.70 -3.51 -0.02	32.95 -3.54 -0.04	33.40 -3.94 5.00	32.89 -3.58 -0.63	31.28 -3.36 -0.02	24.63 -2.70 -0.04	20.78 -1.91 -1.46
V_CMM_10_SYNC_DSASP 323787	28.21 0.03 0.00	26.78 0.03 0.00	25.33 0.05 0.00	24.17 0.05 0.00	24.95 0.00 0.00	27.73 -0.03 0.00	32.29 -0.10 0.00	36.13 -0.25 0.00	33.76 -0.41 0.00	31.01 -0.41 0.00	30.06 -0.33 0.00	29.41 -0.36 0.00	28.36 -0.37 0.00	27.50 -0.42 0.00	28.06 -0.46 0.00	32.14 -0.52 0.00	35.08 -0.75 0.00	35.33 -0.87 0.00	35.58 -0.88 0.00	41.24 -1.10 0.00	35.12 -0.72 0.00	33.99 -0.62 0.00	26.94 -0.36 0.00	20.94 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	28.83 0.65 0.00	27.40 0.64 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.53 0.57 0.00	28.31 0.55 0.00	33.26 0.87 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.97 0.58 0.00	30.24 0.47 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.80 0.13 0.00	35.62 -0.21 0.00	35.69 -0.51 0.00	35.80 -0.66 0.00	41.41 -0.93 0.00	35.37 -0.47 0.00	34.44 -0.17 0.00	27.35 0.05 0.00	21.09 -0.15 0.00
V_D_10_SYNC_DSASP 323841	28.38 0.20 0.00	26.97 0.21 0.00	25.48 0.20 0.00	24.32 0.19 0.00	25.10 0.15 0.00	27.89 0.14 0.00	32.48 0.10 0.00	36.35 -0.04 0.00	33.93 -0.24 0.00	31.16 -0.25 0.00	30.22 -0.18 0.00	29.56 -0.21 0.00	28.50 -0.23 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.34 -0.33 0.00	35.26 -0.57 0.00	35.51 -0.69 0.00	35.76 -0.69 0.00	41.45 -0.89 0.00	35.34 -0.50 0.00	34.16 -0.45 0.00	27.08 -0.22 0.00	21.04 -0.19 0.00
V_E_10_SYNC_DSASP 323830	29.78 1.61 0.00	28.39 1.63 0.00	26.82 1.54 0.00	25.57 1.45 0.00	26.55 1.60 0.00	29.61 1.86 0.00	34.81 2.43 0.00	39.65 2.69 -0.57	36.36 2.19 0.00	33.08 1.66 0.00	31.77 1.37 0.00	31.07 1.31 0.00	30.64 1.01 -0.90	29.67 0.92 -0.84	31.09 1.03 -1.55	37.25 1.27 -3.31	44.00 1.65 -6.51	40.44 1.84 -2.40	43.73 2.11 -5.16	52.04 2.54 -7.16	44.27 1.86 -6.57	38.27 1.63 -2.03	31.53 1.09 -3.14	24.87 0.76 -2.87
V_F_30_NSYNC___DSASP 323816	29.56 1.38 0.00	28.04 1.28 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.47 1.52 0.00	29.48 1.72 0.00	34.43 2.04 0.00	40.41 2.44 -1.59	36.36 2.19 0.00	33.24 1.82 0.00	32.10 1.70 0.00	31.31 1.55 0.00	30.31 1.58 0.00	30.52 1.59 -1.02	32.18 1.71 -1.95	34.59 1.93 0.00	37.99 2.15 0.00	43.80 1.70 -5.91	51.03 1.82 -12.76	53.53 2.12 -9.07	55.00 1.83 -17.33	41.39 1.70 -5.08	36.40 1.34 -7.76	33.91 1.15 -11.53

V_F_30_SYNC_DSASP 323786	28.97 0.79 0.00	27.48 0.72 0.00	25.98 0.71 0.00	24.82 0.70 0.00	25.70 0.75 0.00	28.61 0.86 0.00	33.39 1.00 0.00	39.13 1.16 -1.58	35.30 1.13 0.00	32.39 0.97 0.00	31.34 0.94 0.00	30.66 0.89 0.00	29.71 0.98 0.00	29.88 0.95 -1.01	31.46 1.00 -1.94	33.88 1.21 0.00	37.13 1.29 0.00	43.19 1.19 -5.80	50.21 1.24 -12.52	52.64 1.40 -8.90	54.04 1.18 -17.02	40.75 1.14 -4.99	35.82 0.90 -7.62	33.22 0.66 -11.33
V_XM_10_SYNC_DSASP 323789	28.83 0.65 0.00	27.40 0.64 0.00	25.91 0.63 0.00	24.73 0.60 0.00	25.53 0.57 0.00	28.31 0.55 0.00	33.26 0.87 0.00	37.22 0.84 0.00	34.75 0.58 0.00	31.92 0.50 0.00	30.97 0.58 0.00	30.24 0.47 0.00	29.11 0.37 0.00	28.14 0.22 0.00	28.63 0.11 0.00	32.80 0.13 0.00	35.62 -0.21 0.00	35.69 -0.51 0.00	35.80 -0.66 0.00	41.41 -0.93 0.00	35.37 -0.47 0.00	34.44 -0.17 0.00	27.35 0.05 0.00	21.09 -0.15 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.76 1.58 0.00	28.17 1.42 0.00	26.59 1.31 0.00	25.40 1.28 0.00	26.27 1.32 0.00	29.39 1.64 0.00	34.46 2.07 0.00	39.98 2.36 -1.23	36.36 2.19 0.00	33.46 2.04 0.00	32.40 2.01 0.00	31.70 1.93 0.00	30.80 2.07 0.00	30.75 2.04 -0.79	32.12 2.08 -1.52	35.02 2.35 0.00	38.35 2.51 0.00	43.30 2.57 -4.54	48.77 2.52 -9.81	52.24 2.92 -6.97	51.60 2.44 -13.33	40.81 2.28 -3.91	35.07 1.80 -5.97	31.36 1.25 -8.87
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.23 2.06 0.00	28.60 1.85 0.00	27.00 1.72 0.00	25.79 1.66 0.00	26.67 1.72 0.00	29.70 1.94 0.00	34.88 2.49 0.00	40.48 2.80 -1.29	36.83 2.67 0.00	34.01 2.54 -0.05	32.81 2.40 -0.01	32.12 2.35 -0.01	31.26 2.50 -0.03	31.26 2.46 -0.88	32.64 2.48 -1.65	35.50 2.78 -0.05	38.97 3.12 -0.01	44.13 3.19 -4.75	49.77 3.06 -10.25	53.19 3.56 -7.29	52.64 2.87 -13.93	41.50 2.80 -4.08	35.78 2.24 -6.24	32.08 1.57 -9.27
W50THST__13_KV_LOAD 356117	30.38 2.20 0.00	28.71 1.95 0.00	27.10 1.82 0.00	25.89 1.76 0.00	26.77 1.82 0.00	29.84 2.08 0.00	35.04 2.66 0.00	40.66 2.98 -1.29	37.00 2.84 0.00	34.26 2.80 -0.05	32.99 2.58 -0.01	32.27 2.50 -0.01	31.46 2.70 -0.03	31.45 2.65 -0.88	32.87 2.71 -1.65	35.76 3.04 -0.05	39.18 3.33 -0.01	44.31 3.37 -4.75	49.98 3.28 -10.25	53.40 3.77 -7.29	52.82 3.05 -13.93	41.64 2.94 -4.08	35.91 2.37 -6.24	32.18 1.68 -9.27
WADING RIVER_IC_1 23522	30.04 1.86 0.00	28.04 1.28 0.00	26.82 1.54 0.00	25.43 1.30 0.00	26.22 1.27 0.00	28.53 0.78 0.00	34.07 1.68 0.00	39.35 1.67 -1.29	35.23 1.06 0.00	32.48 1.07 0.00	31.06 0.67 0.00	30.71 0.95 0.00	30.51 1.78 0.00	29.57 0.84 -0.81	30.94 0.85 -1.57	33.58 0.91 0.00	37.88 2.04 0.00	44.56 3.62 -4.75	50.65 3.94 -10.27	55.62 5.97 -7.30	54.59 4.80 -13.95	42.76 4.05 -4.10	37.01 3.47 -6.24	32.10 1.59 -9.28
WADING RIVER_IC_2 23547	30.04 1.86 0.00	28.04 1.28 0.00	26.82 1.54 0.00	25.43 1.30 0.00	26.22 1.27 0.00	28.53 0.78 0.00	34.07 1.68 0.00	39.35 1.67 -1.29	35.23 1.06 0.00	32.48 1.07 0.00	31.06 0.67 0.00	30.71 0.95 0.00	30.51 1.78 0.00	29.57 0.84 -0.81	30.94 0.85 -1.57	33.58 0.91 0.00	37.88 2.04 0.00	44.56 3.62 -4.75	50.65 3.94 -10.27	55.62 5.97 -7.30	54.59 4.80 -13.95	42.76 4.05 -4.10	37.01 3.47 -6.24	32.10 1.59 -9.28
WADING RIVER_IC_3 23601	30.04 1.86 0.00	28.04 1.28 0.00	26.82 1.54 0.00	25.43 1.30 0.00	26.22 1.27 0.00	28.53 0.78 0.00	34.07 1.68 0.00	39.35 1.67 -1.29	35.23 1.06 0.00	32.48 1.07 0.00	31.06 0.67 0.00	30.71 0.95 0.00	30.51 1.78 0.00	29.57 0.84 -0.81	30.94 0.85 -1.57	33.58 0.91 0.00	37.88 2.04 0.00	44.56 3.62 -4.75	50.65 3.94 -10.27	55.62 5.97 -7.30	54.59 4.80 -13.95	42.76 4.05 -4.10	37.01 3.47 -6.24	32.10 1.59 -9.28
WALDENNY_12_KV_BK2 80841	25.47 -2.71 0.00	24.43 -2.33 0.00	22.98 -2.30 0.00	21.78 -2.34 0.00	22.61 -2.35 0.00	24.92 -2.83 0.00	28.72 -3.66 0.00	32.55 -3.93 -0.09	30.85 -3.31 0.01	28.75 -2.67 0.00	27.66 -2.74 0.00	27.41 -2.35 0.00	24.39 -3.05 1.30	24.33 -2.99 0.60	24.40 -2.99 1.13	24.53 -3.30 4.84	22.84 -3.62 9.37	32.46 -3.73 0.01	32.66 -3.79 0.00	33.00 -4.28 5.06	32.52 -3.91 -0.59	31.03 -3.60 -0.01	24.47 -2.84 -0.01	21.06 -1.85 -1.68
WALDEN__HYDRO 24148	29.59 1.41 0.00	28.04 1.28 0.00	26.46 1.19 0.00	25.28 1.16 0.00	26.15 1.20 0.00	29.14 1.39 0.00	34.13 1.75 0.00	39.59 1.96 -1.24	35.98 1.81 0.00	33.08 1.67 0.00	32.04 1.64 0.00	31.34 1.58 0.00	30.43 1.70 0.00	30.39 1.68 -0.80	31.75 1.71 -1.53	34.59 1.93 0.00	38.02 2.19 0.00	43.03 2.28 -4.55	48.55 2.26 -9.84	51.96 2.63 -6.99	51.39 2.19 -13.37	40.61 2.08 -3.92	34.89 1.61 -5.99	31.25 1.13 -8.90
WARRENSBURG____ 23737	29.56 1.38 0.00	28.01 1.26 0.00	26.54 1.26 0.00	25.33 1.21 0.00	26.37 1.42 0.00	29.39 1.64 0.00	34.36 1.98 0.00	40.43 2.44 -1.61	36.39 2.22 0.00	33.21 1.79 0.00	32.10 1.70 0.00	31.31 1.55 0.00	30.26 1.52 0.00	30.49 1.54 -1.03	32.13 1.63 -1.98	34.79 2.12 0.00	37.13 1.29 0.00	43.27 1.16 -5.91	50.58 1.35 -12.78	52.96 1.52 -9.09	54.58 1.36 -17.38	40.92 1.21 -5.09	36.06 0.98 -7.78	33.46 0.66 -11.57
WATERSIDE____6 8 9 23538	30.38 2.20 -0.01	28.74 1.98 -0.01	27.13 1.85 -0.01	25.92 1.79 -0.01	26.81 1.85 -0.01	29.84 2.08 -0.01	35.01 2.62 -0.01	40.67 2.98 -1.30	36.97 2.80 0.00	34.04 2.54 -0.08	32.97 2.55 -0.02	32.25 2.47 -0.02	31.34 2.56 -0.04	31.32 2.48 -0.92	32.71 2.51 -1.68	35.56 2.81 -0.08	39.15 3.30 -0.02	44.20 3.26 -4.75	49.80 3.10 -10.25	53.19 3.56 -7.29	52.68 2.90 -13.94	41.64 2.94 -4.08	35.92 2.37 -6.25	32.21 1.70 -9.28
WATKINRD_115KV_LN8_ILLION 55919	28.29 0.11 0.00	26.86 0.11 0.00	25.35 0.08 0.00	24.17 0.05 0.00	24.98 0.02 0.00	27.75 0.00 0.00	32.09 -0.29 0.00	35.95 -0.44 0.00	33.72 -0.44 0.00	31.04 -0.38 0.00	30.09 -0.30 0.00	29.47 -0.30 0.00	28.48 -0.26 0.00	27.64 -0.28 0.00	28.20 -0.31 0.00	32.31 -0.36 0.00	35.44 -0.39 0.00	35.76 -0.43 0.00	36.05 -0.40 0.00	41.88 -0.47 0.00	35.41 -0.43 0.00	34.23 -0.38 0.00	27.03 -0.27 0.00	21.02 -0.21 0.00
WATSON____69_KV_BK 1 55734	30.88 2.71 0.00	28.60 1.85 0.00	27.22 1.95 0.00	25.81 1.69 0.00	26.75 1.80 0.00	29.78 2.03 0.00	35.20 2.82 0.00	40.48 2.80 -1.29	36.42 2.26 0.00	33.70 2.29 0.00	32.40 2.01 0.00	31.73 1.96 0.00	31.26 2.53 0.00	31.11 2.37 -0.82	32.38 2.28 -1.59	34.65 1.99 0.00	39.10 3.26 0.00	44.78 3.84 -4.75	51.09 4.37 -10.26	55.44 5.80 -7.30	54.48 4.69 -13.95	42.93 4.22 -4.09	37.06 3.52 -6.24	32.40 1.89 -9.27
WDELAWARE__HYD 323627	29.59 1.41 0.00	28.07 1.31 0.00	26.51 1.24 0.00	25.31 1.18 0.00	26.20 1.25 0.00	29.20 1.44 0.00	34.20 1.81 0.00	39.75 2.18 -1.18	36.01 1.84 0.00	33.08 1.66 0.00	32.04 1.64 0.00	31.31 1.55 0.00	30.37 1.64 0.00	30.27 1.62 -0.74	31.59 1.65 -1.42	34.59 1.93 0.00	38.06 2.22 0.00	42.83 2.35 -4.28	48.04 2.33 -9.26	51.68 2.75 -6.59	50.76 2.33 -12.60	40.45 2.15 -3.69	34.58 1.64 -5.64	30.80 1.19 -8.38

WEST BABYLON___IC 23714	30.74 2.56 0.00	28.65 1.90 0.00	27.17 1.90 0.00	25.79 1.66 0.00	26.77 1.82 0.00	29.84 2.08 0.00	35.30 2.91 0.00	40.62 2.95 -1.29	36.66 2.49 0.00	33.99 2.58 0.00	32.62 2.22 0.00	31.91 2.14 0.00	31.26 2.53 0.00	31.39 2.65 -0.82	32.73 2.62 -1.59	35.08 2.42 0.00	39.21 3.37 0.00	44.74 3.80 -4.75	50.69 3.97 -10.26	54.64 5.00 -7.30	53.87 4.09 -13.95	42.52 3.81 -4.10	36.73 3.19 -6.24	32.33 1.83 -9.27
WEST CANADA___HYD 24049	28.32 0.14 0.00	26.89 0.13 0.00	25.40 0.13 0.00	24.25 0.12 0.00	25.08 0.13 0.00	27.89 0.14 0.00	32.58 0.20 0.00	36.53 0.15 0.00	34.31 0.14 0.00	31.51 0.09 0.00	30.49 0.09 0.00	29.85 0.09 0.00	28.85 0.12 0.00	28.03 0.11 0.00	28.63 0.11 0.00	32.80 0.13 0.00	36.02 0.18 0.00	36.38 0.18 0.00	36.63 0.18 0.00	42.55 0.21 0.00	36.02 0.18 0.00	34.75 0.14 0.00	27.41 0.11 0.00	21.32 0.09 0.00
WESTERN_NY_WIND 24143	25.87 -2.31 0.00	24.80 -1.95 0.00	23.38 -1.90 0.00	22.19 -1.93 0.00	23.06 -1.90 0.00	25.51 -2.25 0.00	29.44 -2.95 0.00	32.98 -3.49 -0.09	31.12 -3.04 0.01	28.97 -2.45 0.00	27.84 -2.55 0.00	27.59 -2.17 0.00	24.79 -2.64 1.30	24.75 -2.57 0.60	24.79 -2.60 1.13	25.13 -2.68 4.86	23.83 -2.90 9.10	33.06 -3.15 -0.01	33.46 -3.03 -0.03	34.39 -3.05 4.90	33.50 -2.94 -0.60	31.75 -2.87 -0.01	24.97 -2.35 -0.02	21.40 -1.34 -1.50
WESTOVER___LESR 323668	27.90 -0.28 0.00	26.51 -0.24 0.00	25.02 -0.25 0.00	23.86 -0.27 0.00	24.68 -0.27 0.00	27.45 -0.31 0.00	32.06 -0.32 0.00	36.33 -0.40 -0.35	33.86 -0.31 0.00	31.16 -0.25 0.00	30.09 -0.30 0.00	29.53 -0.24 0.00	27.97 -0.40 0.37	27.56 -0.39 -0.03	28.23 -0.37 -0.08	30.93 -0.39 1.34	32.84 -0.36 2.64	37.02 -0.33 -1.16	38.66 -0.29 -2.51	42.41 -0.30 -0.37	39.06 -0.36 -3.58	35.28 -0.35 -1.01	28.47 -0.35 -1.53	24.01 -0.21 -2.99
WETHRSFD_WT_PWR 323626	25.87 -2.31 0.00	24.70 -2.06 0.00	23.23 -2.05 0.00	22.00 -2.12 0.00	22.71 -2.25 0.00	25.06 -2.69 0.00	29.02 -3.37 0.00	32.64 -3.82 -0.07	30.75 -3.42 0.00	28.50 -2.92 0.00	27.39 -3.01 0.00	27.00 -2.77 0.00	24.12 -3.28 1.34	24.15 -3.13 0.64	24.19 -3.14 1.19	24.21 -3.49 4.96	22.34 -3.83 9.66	32.21 -3.87 0.12	32.32 -3.90 0.23	32.70 -4.27 5.37	32.36 -3.80 -0.32	30.95 -3.60 0.07	24.27 -2.89 0.13	20.93 -2.19 -1.89
WHAVSTOR_138KV_BK127 55557	29.70 1.52 0.00	28.12 1.36 0.00	26.54 1.26 0.00	25.35 1.23 0.00	26.22 1.27 0.00	29.22 1.47 0.00	34.23 1.85 0.00	39.73 2.11 -1.24	36.15 1.98 0.00	33.27 1.85 0.00	32.19 1.79 0.00	31.49 1.73 0.00	30.60 1.87 0.00	30.55 1.84 -0.79	31.90 1.85 -1.53	34.76 2.09 0.00	38.24 2.40 0.00	43.20 2.46 -4.55	48.68 2.41 -9.83	52.12 2.79 -6.99	51.49 2.29 -13.35	40.71 2.18 -3.91	35.00 1.72 -5.98	31.31 1.19 -8.89
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.70 1.52 0.00	28.12 1.36 0.00	26.54 1.26 0.00	25.35 1.23 0.00	26.22 1.27 0.00	29.22 1.47 0.00	34.23 1.85 0.00	39.73 2.11 -1.24	36.15 1.98 0.00	33.27 1.85 0.00	32.19 1.79 0.00	31.49 1.73 0.00	30.60 1.87 0.00	30.55 1.84 -0.79	31.90 1.85 -1.53	34.76 2.09 0.00	38.24 2.40 0.00	43.20 2.46 -4.55	48.68 2.41 -9.83	52.12 2.79 -6.99	51.49 2.29 -13.35	40.71 2.18 -3.91	35.00 1.72 -5.98	31.31 1.19 -8.89
WHITEHAL_115KV_TB1 80871	29.90 1.72 0.00	28.31 1.55 0.00	26.84 1.57 0.00	25.60 1.47 0.00	26.70 1.75 0.00	29.78 2.03 0.00	34.81 2.43 0.00	40.94 2.95 -1.61	36.83 2.67 0.00	33.52 2.10 0.00	32.40 2.01 0.00	31.55 1.79 0.00	30.49 1.75 0.00	30.71 1.76 -1.03	32.38 1.88 -1.98	35.15 2.48 0.00	37.70 1.86 0.00	43.80 1.70 -5.90	51.18 1.97 -12.76	53.71 2.29 -9.08	55.24 2.04 -17.36	41.50 1.80 -5.09	36.49 1.42 -7.77	33.76 0.98 -11.55
WHITEPLN_13_KV_LOAD 356215	30.15 1.97 0.00	28.52 1.77 0.00	26.92 1.64 0.00	25.69 1.57 0.00	26.60 1.65 0.00	29.61 1.86 0.00	34.75 2.36 0.00	40.40 2.73 -1.29	36.73 2.56 0.00	33.81 2.39 0.00	32.74 2.34 0.00	32.06 2.29 0.00	31.15 2.41 0.00	31.09 2.35 -0.83	32.53 2.42 -1.59	35.41 2.74 0.00	38.92 3.08 0.00	44.12 3.19 -4.74	49.78 3.10 -10.23	53.17 3.56 -7.28	52.65 2.90 -13.91	41.46 2.77 -4.08	35.68 2.16 -6.23	31.99 1.51 -9.25
WM_FLOYD_69_KV_BK2 356380	30.69 2.51 0.00	28.20 1.44 0.00	26.94 1.67 0.00	25.55 1.42 0.00	26.40 1.45 0.00	29.25 1.50 0.00	34.49 2.10 0.00	39.68 2.00 -1.29	35.54 1.37 0.00	32.79 1.38 0.00	31.64 1.25 0.00	30.98 1.22 0.00	30.83 2.10 0.00	30.22 1.48 -0.82	31.41 1.31 -1.59	33.41 0.75 0.00	38.24 2.40 0.00	44.13 3.19 -4.75	50.94 4.23 -10.26	55.78 6.14 -7.30	54.73 4.95 -13.95	42.97 4.26 -4.09	37.12 3.58 -6.24	32.16 1.66 -9.27
WOODARD___115KV_TB2 355635	27.61 -0.56 0.00	26.25 -0.51 0.00	24.80 -0.48 0.00	23.67 -0.46 0.00	24.50 -0.45 0.00	27.25 -0.50 0.00	31.83 -0.55 0.00	35.92 -0.58 -0.12	33.72 -0.44 0.00	31.04 -0.38 0.00	30.03 -0.36 0.00	29.44 -0.33 0.00	28.33 -0.40 0.00	27.63 -0.36 -0.08	28.32 -0.34 -0.15	32.27 -0.39 0.00	35.41 -0.43 0.00	36.23 -0.40 -0.43	36.99 -0.40 -0.94	42.59 -0.42 -0.67	36.68 -0.43 -1.27	34.54 -0.45 -0.37	27.46 -0.41 -0.57	21.81 -0.28 -0.85
YORK___WARBASSE 23770	30.52 2.34 -0.01	28.85 2.09 -0.01	27.23 1.95 -0.01	26.01 1.88 -0.01	26.91 1.95 -0.01	29.95 2.19 -0.01	35.18 2.78 -0.01	40.81 3.13 -1.30	37.14 2.97 0.00	34.11 2.61 -0.08	33.12 2.71 -0.02	32.40 2.62 -0.02	31.51 2.73 -0.04	31.38 2.54 -0.92	32.76 2.57 -1.68	35.66 2.91 -0.08	39.40 3.55 -0.02	44.38 3.44 -4.75	49.95 3.24 -10.25	53.36 3.73 -7.29	52.78 3.01 -13.94	41.78 3.08 -4.08	36.11 2.57 -6.25	32.32 1.80 -9.28