

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/04/2026

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	28.72	29.00	28.52	26.86	26.97	31.67	41.00	41.73	33.13	29.12	24.89	29.45	29.43	29.75	29.79	33.00	35.92	41.90	56.14	68.15	62.29	51.24	37.13	31.98
24138	2.10	1.91	1.65	1.57	1.81	2.10	2.65	3.06	2.82	2.26	2.16	2.46	2.52	2.50	2.46	2.37	2.30	3.85	5.26	6.32	5.82	4.42	3.18	2.26
	-0.67	-1.30	-4.29	-3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.24	-5.20	-5.67	-5.73	-9.85	-12.16	-2.38	-2.14	-2.24	-0.54	-3.05	-0.52	-5.12
74TH STREET_GT_1	28.70	28.98	28.50	26.84	26.95	31.64	40.93	41.69	33.07	29.09	24.86	29.45	29.43	29.75	29.79	33.00	35.90	41.87	56.14	68.09	62.29	51.24	37.09	31.98
24260	2.08	1.88	1.63	1.55	1.79	2.07	2.57	3.02	2.76	2.23	2.14	2.46	2.52	2.50	2.46	2.37	2.27	3.82	5.26	6.26	5.82	4.42	3.14	2.26
	-0.67	-1.30	-4.30	-3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.24	-5.20	-5.67	-5.73	-9.85	-12.17	-2.38	-2.14	-2.24	-0.54	-3.05	-0.52	-5.12
74TH STREET_GT_2	28.70	28.98	28.50	26.84	26.95	31.64	40.93	41.69	33.07	29.09	24.86	29.45	29.43	29.75	29.79	33.00	35.90	41.87	56.14	68.09	62.29	51.24	37.09	31.98
24261	2.08	1.88	1.63	1.55	1.79	2.07	2.57	3.02	2.76	2.23	2.14	2.46	2.52	2.50	2.46	2.37	2.27	3.82	5.26	6.26	5.82	4.42	3.14	2.26
	-0.67	-1.30	-4.30	-3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.24	-5.20	-5.67	-5.73	-9.85	-12.17	-2.38	-2.14	-2.24	-0.54	-3.05	-0.52	-5.12
ADK HUDSON___FALLS	27.75	29.12	29.16	27.43	26.95	31.82	41.42	41.34	32.19	28.39	24.07	29.15	28.99	29.39	29.46	33.34	36.78	40.59	51.95	64.00	60.93	49.79	36.46	32.32
24011	1.79	1.81	1.56	1.55	1.79	2.25	3.07	2.67	1.88	1.53	1.34	1.13	1.06	1.04	1.01	1.06	1.12	2.14	3.22	4.41	4.42	3.33	2.44	1.75
	0.00	-1.52	-5.02	-4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.26	-6.22	-6.78	-6.85	-11.50	-14.20	-2.78	0.00	0.00	-0.58	-2.69	-0.58	-5.98
ADK RESOURCE___RCVRY	27.85	29.22	29.25	27.59	27.07	32.03	41.73	41.57	32.32	28.50	24.14	29.21	29.05	29.43	29.50	33.41	36.84	40.73	52.24	64.41	61.32	50.05	36.66	32.49
23798	1.89	1.91	1.65	1.70	1.91	2.45	3.38	2.90	2.00	1.64	1.41	1.20	1.13	1.08	1.06	1.12	1.18	2.28	3.51	4.82	4.81	3.59	2.64	1.87
	0.00	-1.52	-5.02	-4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.26	-6.21	-6.78	-6.85	-11.51	-14.21	-2.78	0.00	0.00	-0.58	-2.69	-0.59	-6.02
ADK S GLENS___FALLS	27.75	29.12	29.16	27.43	26.95	31.82	41.42	41.34	32.19	28.39	24.07	29.15	28.99	29.39	29.46	33.34	36.78	40.59	51.95	64.00	60.93	49.79	36.46	32.32
24028	1.79	1.81	1.56	1.55	1.79	2.25	3.07	2.67	1.88	1.53	1.34	1.13	1.06	1.04	1.01	1.06	1.12	2.14	3.22	4.41	4.42	3.33	2.44	1.75
	0.00	-1.52	-5.02	-4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.26	-6.22	-6.78	-6.85	-11.50	-14.20	-2.78	0.00	0.00	-0.58	-2.69	-0.58	-5.98
ADK_NYS___DAM	27.62	28.88	28.87	27.19	26.72	31.44	40.85	41.18	32.19	28.47	24.18	29.02	28.90	29.29	29.49	33.18	36.65	40.57	51.61	63.04	59.85	49.21	36.28	32.16
23527	1.66	1.60	1.38	1.40	1.56	1.86	2.49	2.51	1.88	1.61	1.46	1.13	1.11	1.08	1.19	1.12	1.27	2.18	2.87	3.45	3.36	2.80	2.27	1.67
	0.00	-1.49	-4.91	-3.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.14	-6.09	-6.64	-6.71	-11.28	-13.93	-2.72	0.00	0.00	-0.56	-2.64	-0.57	-5.89
AIR_PRODUCTS___DRP	26.89	28.15	28.24	26.54	26.04	30.37	39.28	39.56	31.01	27.45	23.34	28.41	28.28	28.71	28.80	32.51	35.84	39.31	51.45	62.63	57.87	48.03	35.02	31.35
24190	0.93	0.88	0.77	0.76	0.88	0.80	0.92	0.89	0.70	0.59	0.61	0.54	0.50	0.52	0.52	0.50	0.52	0.93	1.17	1.43	1.34	1.09	1.00	0.91
	0.00	-1.48	-4.89	-3.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.12	-6.07	-6.62	-6.69	-11.23	-13.87	-2.71	-1.54	-1.62	-0.59	-3.17	-0.58	-5.84
AKWESSNE_115KV_BK	25.39	25.33	22.13	21.38	24.53	28.83	37.51	37.59	29.44	26.27	22.16	21.36	21.30	21.08	21.14	20.32	21.01	34.85	47.81	58.10	54.87	42.94	32.73	24.08
355683	-0.57	-0.46	-0.45	-0.44	-0.63	-0.74	-0.84	-1.08	-0.88	-0.59	-0.57	-0.39	-0.41	-0.50	-0.45	-0.46	-0.45	-0.82	-0.93	-1.49	-1.06	-0.83	-0.70	-0.52
	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	27.72	28.52	28.43	26.86	26.39	30.99	40.08	40.18	31.26	27.64	23.43	28.35	28.23	28.64	28.75	32.46	35.77	39.50	50.63	62.15	58.95	48.21	35.47	31.53
323833	1.27	1.26	1.02	1.13	1.23	1.42	1.73	1.51	0.94	0.78	0.71	0.54	0.52	0.52	0.54	0.56	0.58	1.14	1.90	2.56	2.46	1.84	1.47	1.13
	-0.49	-1.46	-4.83	-3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.05	-6.00	-6.55	-6.62	-11.12	-13.73	-2.68	0.00	0.00	-0.56	-2.60	-0.57	-5.81
ALBANY_2_SOLAR	27.72	28.52	28.43	26.86	26.39	30.96	40.08	40.18	31.26	27.64	23.41	28.35	28.23	28.64	28.75	32.46	35.77	39.50	50.63	62.15	58.95	48.21	35.44	31.53
323834	1.27	1.26	1.02	1.13	1.23	1.39	1.73	1.51	0.94	0.78	0.68	0.54	0.52	0.52	0.54	0.56	0.58	1.14	1.90	2.56	2.46	1.84	1.44	1.13
	-0.49	-1.46	-4.83	-3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.05	-6.00	-6.55	-6.62	-11.12	-13.73	-2.68	0.00	0.00	-0.56	-2.60	-0.57	-5.81
ALBANY___1	26.89	28.15	28.24	26.54	26.04	30.37	39.28	39.56	31.01	27.45	23.34	28.41	28.28	28.71	28.80	32.51	35.84	39.31	51.45	62.63	57.87	48.03	35.02	31.35
23571	0.93	0.88	0.77	0.76	0.88	0.80	0.92	0.89	0.70	0.59	0.61	0.54	0.50	0.52	0.52	0.50	0.52	0.93	1.17	1.43	1.34	1.09	1.00	0.91
	0.00	-1.48	-4.89	-3.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.12	-6.07	-6.62	-6.69	-11.23	-13.87	-2.71	-1.54	-1.62	-0.59	-3.17	-0.58	-5.84

ALBANY___2 23572	26.89 0.93 0.00	28.15 0.88 -1.48	28.24 0.77 -4.89	26.54 0.76 -3.96	26.04 0.88 0.00	30.37 0.80 0.00	39.28 0.92 0.00	39.56 0.89 0.00	31.01 0.70 0.00	27.45 0.59 0.00	23.34 0.61 0.00	28.41 0.54 -6.12	28.28 0.50 -6.07	28.71 0.52 -6.62	28.80 0.52 -6.69	32.51 0.50 -11.23	35.84 0.52 -13.87	39.31 0.93 -2.71	51.45 1.17 -1.54	62.63 1.43 -1.62	57.87 1.34 -0.59	48.03 1.09 -3.17	35.02 1.00 -0.58	31.35 0.91 -5.84
ALBANY___3 23573	26.89 0.93 0.00	28.15 0.88 -1.48	28.24 0.77 -4.89	26.54 0.76 -3.96	26.04 0.88 0.00	30.37 0.80 0.00	39.28 0.92 0.00	39.56 0.89 0.00	31.01 0.70 0.00	27.45 0.59 0.00	23.34 0.61 0.00	28.41 0.54 -6.12	28.28 0.50 -6.07	28.71 0.52 -6.62	28.80 0.52 -6.69	32.51 0.50 -11.23	35.84 0.52 -13.87	39.31 0.93 -2.71	51.45 1.17 -1.54	62.63 1.43 -1.62	57.87 1.34 -0.59	48.03 1.09 -3.17	35.02 1.00 -0.58	31.35 0.91 -5.84
ALBANY___4 23574	26.89 0.93 0.00	28.15 0.88 -1.48	28.24 0.77 -4.89	26.54 0.76 -3.96	26.04 0.88 0.00	30.37 0.80 0.00	39.28 0.92 0.00	39.56 0.89 0.00	31.01 0.70 0.00	27.45 0.59 0.00	23.34 0.61 0.00	28.41 0.54 -6.12	28.28 0.50 -6.07	28.71 0.52 -6.62	28.80 0.52 -6.69	32.51 0.50 -11.23	35.84 0.52 -13.87	39.31 0.93 -2.71	51.45 1.17 -1.54	62.63 1.43 -1.62	57.87 1.34 -0.59	48.03 1.09 -3.17	35.02 1.00 -0.58	31.35 0.91 -5.84
ALBANY___LFGE 323615	27.05 1.09 0.00	28.37 1.08 -1.49	28.43 0.93 -4.93	26.79 0.98 -3.99	26.19 1.03 0.00	30.67 1.09 0.00	39.74 1.38 0.00	39.99 1.32 0.00	31.26 0.94 0.00	27.69 0.83 0.00	23.52 0.80 0.00	28.58 0.68 -6.15	28.46 0.65 -6.10	28.88 0.65 -6.66	28.99 0.67 -6.73	32.75 0.66 -11.30	36.08 0.67 -13.96	39.61 1.21 -2.73	50.34 1.61 0.00	61.61 2.03 0.00	58.46 1.96 -0.57	47.90 1.49 -2.64	35.28 1.27 -0.58	31.56 1.06 -5.91
ALCOA_PA_115KV_PL-6C 55860	25.36 -0.60 0.00	25.25 -0.54 0.00	22.13 -0.45 0.00	21.29 -0.52 0.00	24.53 -0.63 0.00	28.84 -0.74 0.00	37.63 -0.73 0.00	37.67 -1.01 0.00	29.43 -0.88 0.00	26.29 -0.57 0.00	22.21 -0.52 0.00	21.45 -0.30 0.00	21.34 -0.37 0.00	21.08 -0.50 0.00	21.14 -0.45 0.00	20.30 -0.48 0.00	20.99 -0.47 0.00	34.85 -0.82 0.00	47.90 -0.83 0.00	58.52 -1.07 0.00	55.04 -0.90 0.00	43.11 -0.66 0.00	32.90 -0.54 0.00	24.15 -0.44 0.00
ALCOA_RYNLDS___DRP 24188	25.36 -0.60 0.00	25.30 -0.49 0.00	22.13 -0.45 0.00	21.36 -0.46 0.00	24.53 -0.63 0.00	28.80 -0.77 0.00	37.67 -0.69 0.00	37.67 -1.01 0.00	29.44 -0.88 0.00	26.32 -0.54 0.00	22.20 -0.52 0.00	21.45 -0.30 0.00	21.34 -0.37 0.00	21.08 -0.50 0.00	21.14 -0.45 0.00	20.30 -0.48 0.00	20.99 -0.47 0.00	34.85 -0.82 0.00	47.90 -0.83 0.00	58.52 -1.07 0.00	55.04 -0.89 0.00	43.11 -0.66 0.00	32.83 -0.60 0.00	24.15 -0.44 0.00
ALCOA___DSASP 323711	25.36 -0.60 0.00	25.30 -0.49 0.00	22.13 -0.45 0.00	21.36 -0.46 0.00	24.53 -0.63 0.00	28.80 -0.77 0.00	37.67 -0.69 0.00	37.67 -1.01 0.00	29.44 -0.88 0.00	26.32 -0.54 0.00	22.20 -0.52 0.00	21.45 -0.30 0.00	21.34 -0.37 0.00	21.08 -0.50 0.00	21.14 -0.45 0.00	20.30 -0.48 0.00	20.99 -0.47 0.00	34.85 -0.82 0.00	47.90 -0.83 0.00	58.52 -1.07 0.00	55.04 -0.89 0.00	43.11 -0.66 0.00	32.83 -0.60 0.00	24.15 -0.44 0.00
ALLEGHENY___COGEN 23514	21.86 -0.99 3.11	25.20 -0.67 -0.08	22.22 -0.66 -0.29	21.44 -0.61 -0.23	24.69 -0.45 0.02	29.11 -0.44 0.02	37.72 -0.62 0.02	37.53 -1.12 0.02	29.76 -0.54 0.01	25.91 -0.94 0.01	21.48 -1.23 0.01	20.61 -1.50 -0.36	20.56 -1.50 -0.35	20.54 -1.42 -0.39	20.50 -1.49 -0.39	20.21 -1.25 -0.68	21.06 -1.25 -0.84	24.83 -1.64 9.20	37.15 -1.46 10.12	48.26 -1.07 10.25	55.03 -0.78 0.12	39.86 -0.70 3.20	32.60 -0.83 0.00	24.37 -0.56 -0.35
ALTAMONT_115KV_TB 2 55880	26.94 0.99 0.00	28.20 0.93 -1.48	28.27 0.81 -4.88	26.55 0.79 -3.95	26.07 0.91 0.00	30.58 1.01 0.00	39.62 1.27 0.00	39.95 1.28 0.00	31.22 0.91 0.00	27.67 0.81 0.00	23.48 0.75 0.00	28.56 0.70 -6.11	28.47 0.69 -6.07	28.88 0.69 -6.62	28.97 0.69 -6.69	32.68 0.69 -11.22	35.99 0.69 -13.85	39.63 1.25 -2.71	50.44 1.71 0.00	61.73 2.15 0.00	58.51 2.01 -0.56	47.96 1.58 -2.62	35.24 1.24 -0.57	31.39 0.96 -5.83
ALTONA_WT_PWR 323606	25.44 -0.52 0.00	25.33 -0.46 0.00	22.17 -0.41 0.00	21.29 -0.52 0.00	24.51 -0.65 0.00	28.80 -0.77 0.00	37.48 -0.88 0.00	37.55 -1.12 0.00	29.43 -0.88 0.00	26.24 -0.62 0.00	22.14 -0.59 0.00	21.29 -0.46 0.00	21.23 -0.48 0.00	21.04 -0.54 0.00	21.10 -0.50 0.00	20.26 -0.52 0.00	20.97 -0.49 0.00	34.92 -0.75 0.00	48.05 -0.68 0.00	58.75 -0.83 0.00	55.20 -0.73 0.00	43.11 -0.66 0.00	32.80 -0.64 0.00	24.03 -0.56 0.00
AMERICAN_REF_FUEL 24010	20.65 -2.88 2.43	23.22 -2.66 -0.08	20.44 -2.44 -0.30	19.76 -2.29 -0.24	22.73 -2.42 0.02	26.45 -3.10 0.01	34.01 -4.33 0.02	34.05 -4.60 0.02	27.85 -2.45 0.01	24.68 -2.17 0.01	20.46 -2.25 0.01	19.70 -2.42 -0.36	19.72 -2.34 -0.36	19.68 -2.29 -0.39	19.68 -2.31 -0.39	19.19 -2.26 -0.68	19.74 -2.55 -0.84	24.87 -3.82 6.98	35.75 -5.41 7.57	44.22 -7.03 8.33	48.85 -6.99 0.08	36.73 -4.68 2.36	29.63 -3.81 -0.01	22.46 -2.48 -0.35
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.47 -2.60 2.89	23.60 -2.27 -0.07	20.82 -2.05 -0.29	20.02 -2.03 -0.23	22.90 -2.24 0.02	27.01 -2.54 0.02	35.11 -3.22 0.02	35.44 -3.21 0.02	28.21 -2.09 0.02	24.97 -1.88 0.01	20.96 -1.75 0.02	20.30 -1.81 -0.35	20.28 -1.78 -0.35	20.17 -1.79 -0.38	20.13 -1.86 -0.39	19.79 -1.66 -0.67	20.49 -1.80 -0.83	24.37 -2.78 8.52	36.18 -3.71 8.85	45.46 -4.65 9.48	51.35 -4.48 0.10	37.31 -3.68 2.78	30.60 -2.84 0.00	22.99 -1.94 -0.34
ARTHUR KILL_GT_1 23520	28.89 2.26 -0.67	29.14 2.04 -1.31	28.64 1.76 -4.30	26.98 1.68 -3.48	27.11 1.94 -0.01	31.85 2.28 0.00	41.08 2.72 0.00	41.85 3.17 -0.01	33.13 2.82 0.00	29.18 2.31 -0.01	24.92 2.18 -0.01	29.50 2.50 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.05 2.41 -9.86	35.99 2.36 -12.17	41.94 3.89 -2.39	56.29 5.41 -2.15	68.22 6.38 -2.25	62.41 5.93 -0.54	51.43 4.60 -3.06	37.34 3.38 -0.52	32.18 2.46 -5.12
ARTHUR_KILL_2 23512	28.81 2.18 -0.67	29.09 1.99 -1.31	28.60 1.72 -4.30	27.05 1.75 -3.48	27.03 1.86 -0.01	31.91 2.34 0.00	41.23 2.88 0.00	42.04 3.36 -0.01	33.13 2.82 0.00	29.18 2.31 -0.01	24.90 2.16 -0.01	29.62 2.50 -5.37	29.57 2.54 -5.33	29.95 2.57 -5.81	29.90 2.44 -5.87	33.01 2.37 -9.86	35.93 2.30 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.24 5.76 -0.54	51.29 4.47 -3.05	37.24 3.28 -0.53	32.12 2.38 -5.15
ARTHUR_KILL_3 23513	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.29	26.80 1.50 -3.48	26.77 1.61 0.00	31.55 1.98 0.00	40.89 2.53 0.00	41.61 2.94 0.00	32.92 2.61 0.00	28.98 2.12 0.00	24.75 2.02 0.00	29.44 2.33 -5.36	29.39 2.37 -5.32	29.77 2.39 -5.80	29.74 2.29 -5.86	32.81 2.18 -9.85	35.70 2.08 -12.16	41.55 3.50 -2.38	55.67 4.83 -2.11	67.58 5.78 -2.21	61.84 5.37 -0.53	50.88 4.07 -3.04	36.86 2.91 -0.52	31.83 2.09 -5.14

ARTHUR_KILL_COGEN 323718	28.89 2.26 -0.67	29.14 2.04 -1.31	28.65 1.76 -4.30	27.09 1.79 -3.48	27.11 1.94 -0.01	32.00 2.43 0.00	41.35 2.99 0.00	42.16 3.48 -0.01	33.23 2.91 0.00	29.23 2.36 -0.01	24.96 2.23 -0.01	29.66 2.54 -5.37	29.62 2.58 -5.33	29.99 2.61 -5.81	29.95 2.48 -5.87	33.05 2.41 -9.86	35.99 2.36 -12.17	41.94 3.89 -2.39	56.26 5.41 -2.12	68.19 6.38 -2.22	62.40 5.93 -0.54	51.42 4.59 -3.05	37.34 3.38 -0.53	32.20 2.46 -5.15
ASHOKAN____ 23654	28.47 1.95 -0.56	29.05 1.86 -1.40	27.74 0.54 -4.62	27.19 1.64 -3.74	26.92 1.76 0.00	31.82 2.25 0.00	41.08 2.72 0.00	41.22 2.55 0.00	32.04 1.73 0.00	28.10 1.24 0.00	23.82 1.09 0.00	27.86 0.30 -5.80	27.77 0.30 -5.75	28.20 0.34 -6.28	28.30 0.37 -6.34	31.83 0.39 -10.66	35.03 0.41 -13.16	39.42 1.18 -2.57	54.17 3.70 -1.73	66.41 5.01 -1.81	60.31 3.81 -0.57	48.54 1.66 -3.10	35.06 1.07 -0.56	30.89 0.71 -5.58
ASTORIA_EAST_ENERGY_CC1 323581	28.76 2.13 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	27.02 1.72 -3.48	27.06 1.89 -0.01	31.95 2.37 -0.01	41.27 2.91 0.00	42.04 3.36 0.00	33.20 2.88 0.00	29.23 2.36 -0.01	24.94 2.20 -0.01	29.66 2.54 -5.37	29.62 2.58 -5.33	29.99 2.61 -5.81	29.95 2.48 -5.87	33.01 2.37 -9.86	35.93 2.30 -12.17	41.61 3.57 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.72 5.26 -0.53	51.06 4.24 -3.04	37.09 3.14 -0.52	32.18 2.44 -5.15
ASTORIA_EAST_ENERGY_CC2 323582	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	27.02 1.72 -3.48	27.06 1.89 -0.01	31.95 2.37 -0.01	41.27 2.91 0.00	42.08 3.40 0.00	33.20 2.88 0.00	29.23 2.36 -0.01	24.96 2.23 -0.01	29.66 2.54 -5.37	29.62 2.58 -5.33	29.99 2.61 -5.81	29.95 2.48 -5.87	33.01 2.37 -9.86	35.93 2.30 -12.17	41.61 3.57 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.72 5.26 -0.53	51.06 4.24 -3.04	37.09 3.14 -0.52	32.18 2.44 -5.15
ASTORIA_GT2_1 24094	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT2_2 24095	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT2_3 24096	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT2_4 24097	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT3_1 24098	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT3_2 24099	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT3_3 24100	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT3_4 24101	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT4_1 24102	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT4_2 24103	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT4_3 24104	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12

ASTORIA_GT4_4 24105	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.94 1.64 -3.48	27.06 1.89 -0.01	31.79 2.22 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.07 2.76 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	51.07 4.25 -3.05	37.13 3.18 -0.52	32.13 2.41 -5.12
ASTORIA_GT_1 23523	28.81 2.18 -0.67	29.09 1.99 -1.31	28.62 1.74 -4.30	26.96 1.66 -3.48	27.08 1.91 -0.01	31.82 2.25 0.00	40.93 2.57 0.00	41.73 3.06 0.00	33.13 2.82 0.00	29.15 2.28 -0.01	24.89 2.16 -0.01	29.55 2.55 -5.25	29.52 2.61 -5.21	29.82 2.57 -5.68	29.86 2.53 -5.74	33.05 2.41 -9.86	35.97 2.34 -12.17	41.72 3.67 -2.38	55.94 5.07 -2.14	67.73 5.90 -2.24	61.89 5.43 -0.54	51.16 4.33 -3.05	37.16 3.21 -0.52	32.15 2.43 -5.12
ASTORIA_GT_10 24110	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.83 1.53 -3.48	26.93 1.76 -0.01	31.58 2.01 0.00	40.73 2.38 0.00	41.50 2.82 0.00	32.95 2.64 0.00	29.02 2.15 -0.01	24.80 2.07 -0.01	29.39 2.39 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.73 2.40 -5.74	32.93 2.29 -9.86	35.82 2.19 -12.17	41.62 3.57 -2.38	55.80 4.92 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	50.98 4.16 -3.05	36.99 3.04 -0.52	31.96 2.24 -5.12
ASTORIA_GT_11 24225	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.83 1.53 -3.48	26.93 1.76 -0.01	31.58 2.01 0.00	40.73 2.38 0.00	41.50 2.82 0.00	32.95 2.64 0.00	29.02 2.15 -0.01	24.80 2.07 -0.01	29.39 2.39 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.73 2.40 -5.74	32.93 2.29 -9.86	35.82 2.19 -12.17	41.62 3.57 -2.38	55.80 4.92 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	50.98 4.16 -3.05	36.99 3.04 -0.52	31.96 2.24 -5.12
ASTORIA_GT_12 24226	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.83 1.53 -3.48	26.93 1.76 -0.01	31.58 2.01 0.00	40.73 2.38 0.00	41.50 2.82 0.00	32.95 2.64 0.00	29.02 2.15 -0.01	24.80 2.07 -0.01	29.39 2.39 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.73 2.40 -5.74	32.93 2.29 -9.86	35.82 2.19 -12.17	41.62 3.57 -2.38	55.80 4.92 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	50.98 4.16 -3.05	36.99 3.04 -0.52	31.96 2.24 -5.12
ASTORIA_GT_13 24227	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.83 1.53 -3.48	26.93 1.76 -0.01	31.58 2.01 0.00	40.73 2.38 0.00	41.50 2.82 0.00	32.95 2.64 0.00	29.02 2.15 -0.01	24.80 2.07 -0.01	29.39 2.39 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.73 2.40 -5.74	32.93 2.29 -9.86	35.82 2.19 -12.17	41.62 3.57 -2.38	55.80 4.92 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	50.98 4.16 -3.05	36.99 3.04 -0.52	31.96 2.24 -5.12
ASTORIA_GT_5 24106	28.81 2.18 -0.67	29.09 1.99 -1.31	28.62 1.74 -4.30	26.96 1.66 -3.48	27.08 1.91 -0.01	31.82 2.25 0.00	40.93 2.57 0.00	41.73 3.06 0.00	33.13 2.82 0.00	29.15 2.28 -0.01	24.89 2.16 -0.01	29.55 2.55 -5.25	29.52 2.61 -5.21	29.82 2.57 -5.68	29.86 2.53 -5.74	33.05 2.41 -9.86	35.97 2.34 -12.17	41.72 3.67 -2.38	55.94 5.07 -2.14	67.73 5.90 -2.24	61.89 5.43 -0.54	51.16 4.33 -3.05	37.16 3.21 -0.52	32.15 2.43 -5.12
ASTORIA_GT_7 24107	28.81 2.18 -0.67	29.09 1.99 -1.31	28.62 1.74 -4.30	26.96 1.66 -3.48	27.08 1.91 -0.01	31.82 2.25 0.00	40.93 2.57 0.00	41.73 3.06 0.00	33.13 2.82 0.00	29.15 2.28 -0.01	24.89 2.16 -0.01	29.55 2.55 -5.25	29.52 2.61 -5.21	29.82 2.57 -5.68	29.86 2.53 -5.74	33.05 2.41 -9.86	35.97 2.34 -12.17	41.72 3.67 -2.38	55.94 5.07 -2.14	67.73 5.90 -2.24	61.89 5.43 -0.54	51.16 4.33 -3.05	37.16 3.21 -0.52	32.15 2.43 -5.12
ASTORIA_GT_8 24108	28.81 2.18 -0.67	29.09 1.99 -1.31	28.62 1.74 -4.30	26.96 1.66 -3.48	27.08 1.91 -0.01	31.82 2.25 0.00	40.93 2.57 0.00	41.73 3.06 0.00	33.13 2.82 0.00	29.15 2.28 -0.01	24.89 2.16 -0.01	29.55 2.55 -5.25	29.52 2.61 -5.21	29.82 2.57 -5.68	29.86 2.53 -5.74	33.05 2.41 -9.86	35.97 2.34 -12.17	41.72 3.67 -2.38	55.94 5.07 -2.14	67.73 5.90 -2.24	61.89 5.43 -0.54	51.16 4.33 -3.05	37.16 3.21 -0.52	32.15 2.43 -5.12
ASTORIA___2 24149	28.78 2.15 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	27.02 1.72 -3.48	27.06 1.89 -0.01	31.95 2.37 -0.01	41.27 2.91 0.00	42.08 3.40 0.00	33.20 2.88 0.00	29.23 2.36 -0.01	24.96 2.23 -0.01	29.66 2.54 -5.37	29.62 2.58 -5.33	29.99 2.61 -5.81	29.95 2.48 -5.87	33.01 2.37 -9.86	35.95 2.32 -12.17	41.65 3.60 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.78 5.32 -0.53	51.06 4.24 -3.04	37.13 3.18 -0.52	32.18 2.44 -5.15
ASTORIA___3 23516	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.94 1.64 -3.48	26.93 1.76 -0.01	31.73 2.16 0.00	41.00 2.64 0.00	41.80 3.13 0.00	33.01 2.70 0.00	29.10 2.23 -0.01	24.87 2.14 -0.01	29.56 2.44 -5.37	29.51 2.47 -5.33	29.89 2.50 -5.81	29.86 2.40 -5.87	32.92 2.29 -9.86	35.82 2.19 -12.17	41.61 3.57 -2.38	55.77 4.92 -2.11	67.58 5.78 -2.21	61.78 5.32 -0.53	50.97 4.16 -3.04	36.96 3.01 -0.52	32.00 2.26 -5.15
ASTORIA___4 23517	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.83 1.53 -3.48	26.93 1.76 -0.01	31.58 2.01 0.00	40.73 2.38 0.00	41.50 2.82 0.00	32.95 2.64 0.00	29.02 2.15 -0.01	24.80 2.07 -0.01	29.39 2.39 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.73 2.40 -5.74	32.93 2.29 -9.86	35.82 2.19 -12.17	41.62 3.57 -2.38	55.80 4.92 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.54	50.98 4.16 -3.05	36.99 3.04 -0.52	31.96 2.24 -5.12
ASTORIA___5 23518	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.94 1.64 -3.48	26.93 1.76 -0.01	31.73 2.16 0.00	41.00 2.64 0.00	41.80 3.13 0.00	33.01 2.70 0.00	29.10 2.23 -0.01	24.87 2.14 -0.01	29.56 2.44 -5.37	29.51 2.47 -5.33	29.89 2.50 -5.81	29.86 2.40 -5.87	32.92 2.29 -9.86	35.82 2.19 -12.17	41.61 3.57 -2.38	55.77 4.92 -2.11	67.58 5.78 -2.21	61.78 5.32 -0.53	50.97 4.16 -3.04	36.96 3.01 -0.52	32.00 2.26 -5.15
AST_ENERGY_2_CC3 323677	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.30	26.80 1.50 -3.48	26.77 1.61 0.00	-5.00 1.98 36.55	-5.00 2.53 45.89	-5.00 2.94 46.61	-5.00 2.61 37.92	-5.00 2.10 33.96	-5.00 2.00 29.73	29.46 2.35 -5.36	29.42 2.39 -5.32	29.79 2.42 -5.80	29.74 2.29 -5.86	32.83 2.20 -9.85	35.72 2.10 -12.16	41.58 3.53 -2.38	55.72 4.87 -2.11	67.58 5.78 -2.21	61.84 5.37 -0.53	50.88 4.07 -3.04	36.86 2.91 -0.52	31.85 2.12 -5.15
AST_ENERGY_2_CC4 323678	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.30	26.80 1.50 -3.48	26.77 1.61 0.00	-5.00 1.98 36.55	-5.00 2.53 45.89	-5.00 2.94 46.61	-5.00 2.61 37.92	-5.00 2.10 33.96	-5.00 2.00 29.73	29.46 2.35 -5.36	29.42 2.39 -5.32	29.79 2.42 -5.80	29.74 2.29 -5.86	32.83 2.20 -9.85	35.72 2.10 -12.16	41.58 3.53 -2.38	55.72 4.87 -2.11	67.58 5.78 -2.21	61.84 5.37 -0.53	50.88 4.07 -3.04	36.86 2.91 -0.52	31.85 2.12 -5.15

ATHENS_STG_1 23668	27.81 1.27 -0.59	28.32 1.16 -1.36	28.10 1.02 -4.50	26.49 1.03 -3.64	26.27 1.11 0.00	30.91 1.33 0.00	40.08 1.73 0.00	40.53 1.86 0.00	31.59 1.27 0.00	28.01 1.15 0.00	23.82 1.09 0.00	28.55 1.13 -5.67	28.46 1.13 -5.62	28.85 1.14 -6.13	28.91 1.12 -6.20	32.27 1.08 -10.41	35.39 1.07 -12.86	40.04 1.85 -2.51	53.15 2.58 -1.84	64.61 3.10 -1.93	59.40 2.91 -0.56	49.07 2.23 -3.07	35.65 1.67 -0.54	31.25 1.23 -5.42
ATHENS_STG_2 23670	27.81 1.27 -0.59	28.32 1.16 -1.36	28.10 1.02 -4.50	26.49 1.03 -3.64	26.27 1.11 0.00	30.91 1.33 0.00	40.08 1.73 0.00	40.53 1.86 0.00	31.59 1.27 0.00	28.01 1.15 0.00	23.82 1.09 0.00	28.55 1.13 -5.67	28.46 1.13 -5.62	28.85 1.14 -6.13	28.91 1.12 -6.20	32.27 1.08 -10.41	35.39 1.07 -12.86	40.04 1.85 -2.51	53.15 2.58 -1.84	64.61 3.10 -1.93	59.40 2.91 -0.56	49.07 2.23 -3.07	35.65 1.67 -0.54	31.25 1.23 -5.42
ATHENS_STG_3 23677	27.81 1.27 -0.59	28.32 1.16 -1.36	28.10 1.02 -4.50	26.49 1.03 -3.64	26.27 1.11 0.00	30.91 1.33 0.00	40.08 1.73 0.00	40.53 1.86 0.00	31.59 1.27 0.00	28.01 1.15 0.00	23.82 1.09 0.00	28.55 1.13 -5.67	28.46 1.13 -5.62	28.85 1.14 -6.13	28.91 1.12 -6.20	32.27 1.08 -10.41	35.39 1.07 -12.86	40.04 1.85 -2.51	53.15 2.58 -1.84	64.61 3.10 -1.93	59.40 2.91 -0.56	49.07 2.23 -3.07	35.65 1.67 -0.54	31.25 1.23 -5.42
AUBURN___LFGE 323710	24.58 -0.10 1.27	25.88 -0.05 -0.14	23.00 -0.05 -0.47	22.15 -0.04 -0.38	25.21 0.05 0.01	29.69 0.12 0.00	38.62 0.27 0.01	39.02 0.35 0.01	30.55 0.24 0.00	26.96 0.11 0.00	22.72 0.00 0.00	22.18 -0.13 -0.56	22.13 -0.13 -0.55	22.09 -0.09 -0.61	22.10 -0.11 -0.61	21.74 -0.08 -1.05	22.71 -0.04 -1.29	33.38 -0.11 2.18	44.63 -0.05 4.05	57.31 0.12 2.40	56.49 0.06 -0.50	42.64 0.00 1.13	33.43 -0.03 -0.03	25.06 -0.07 -0.54
BABYLON_RES_REC 323704	51.68 2.39 -23.34	46.82 2.17 -18.86	43.65 1.90 -19.18	34.00 1.92 -10.26	43.43 2.09 -16.19	51.71 2.54 -19.59	53.24 3.30 -11.58	53.15 3.63 -10.85	33.16 2.85 0.00	29.03 2.17 0.00	25.00 2.27 0.00	30.60 2.52 -6.33	44.23 2.56 -19.96	45.49 2.59 -21.33	49.09 2.50 -24.99	46.78 2.41 -23.59	46.85 2.36 -23.03	50.69 4.03 -10.99	59.42 5.41 -5.28	70.52 6.55 -4.37	71.23 6.15 -9.15	57.34 4.59 -8.98	51.56 3.44 -14.68	50.59 2.51 -23.49
BALL_HILL_WT_PWR 323825	20.96 -2.23 2.77	23.96 -1.91 -0.08	21.09 -1.78 -0.29	20.35 -1.70 -0.23	23.28 -1.86 0.02	27.40 -2.16 0.02	35.46 -2.88 0.02	35.75 -2.90 0.02	28.45 -1.85 0.02	25.16 -1.69 0.01	21.10 -1.61 0.02	20.41 -1.70 -0.35	20.41 -1.65 -0.35	20.32 -1.64 -0.39	20.30 -1.68 -0.39	19.93 -1.52 -0.67	20.60 -1.70 -0.83	24.90 -2.60 8.17	36.59 -3.56 8.58	45.82 -4.53 9.23	51.53 -4.31 0.10	37.83 -3.24 2.70	30.93 -2.51 0.00	23.29 -1.65 -0.34
BARON_WINDS___WT_PWR 323822	20.01 -1.69 4.26	24.36 -1.50 -0.06	21.45 -1.40 -0.27	20.70 -1.33 -0.21	23.65 -1.48 0.03	27.95 -1.60 0.02	36.22 -2.11 0.03	35.94 -2.71 0.03	28.32 -1.97 0.02	24.91 -1.93 0.01	20.87 -1.84 0.02	20.10 -1.98 -0.32	20.12 -1.91 -0.32	20.07 -1.86 -0.35	20.03 -1.92 -0.36	19.99 -1.43 -0.64	20.73 -1.52 -0.80	19.98 -2.25 13.44	32.30 -2.73 13.71	42.85 -3.16 13.58	52.83 -3.02 0.09	36.97 -2.41 4.39	31.45 -1.97 0.01	23.56 -1.35 -0.32
BARRETT_IC_1 23704	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_10 23701	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_11 23702	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_12 23703	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_2 23705	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_3 23706	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_4 23707	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_5 23708	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49

BARRETT_IC_6 23709	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_7 23710	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.83 1.75 -10.26	43.36 2.01 -16.19	51.41 2.25 -19.59	52.77 2.84 -11.58	52.69 3.17 -10.85	33.07 2.76 0.00	28.98 2.12 0.00	24.93 2.20 0.00	30.44 2.48 -6.21	44.07 2.52 -19.84	45.28 2.50 -21.20	48.89 2.44 -24.86	46.74 2.37 -23.60	46.79 2.30 -23.03	50.51 3.85 -10.99	58.76 4.87 -5.15	70.02 6.14 -4.29	70.18 5.54 -8.71	56.57 4.11 -8.69	51.39 3.28 -14.67	50.45 2.39 -23.47
BARRETT_IC_8 23711	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT_IC_9 23700	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT___1 23545	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BARRETT___2 23546	51.53 2.23 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.93 1.85 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.97 3.03 -11.58	52.88 3.36 -10.85	33.13 2.82 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.58 2.50 -6.33	44.21 2.54 -19.96	45.47 2.57 -21.33	49.02 2.44 -24.99	46.74 2.37 -23.59	46.79 2.30 -23.03	50.51 3.85 -10.99	58.73 4.87 -5.12	69.99 6.14 -4.26	70.18 5.54 -8.71	56.56 4.11 -8.68	51.35 3.24 -14.68	50.47 2.38 -23.49
BATAVIA___115KV_TB1 55881	21.67 -2.10 2.18	23.97 -1.91 -0.08	21.23 -1.65 -0.30	20.64 -1.42 -0.24	23.64 -1.51 0.01	27.99 -1.57 0.01	36.16 -2.19 0.01	36.42 -2.24 0.01	29.15 -1.15 0.01	25.72 -1.13 0.01	21.33 -1.39 0.01	20.43 -1.67 -0.36	20.41 -1.65 -0.35	20.41 -1.55 -0.39	20.34 -1.64 -0.39	19.87 -1.58 -0.67	20.48 -1.80 -0.83	26.96 -2.57 6.14	38.40 -3.51 6.82	47.48 -4.35 7.76	51.67 -4.19 0.07	38.82 -2.85 2.11	31.10 -2.34 -0.01	23.38 -1.55 -0.34
BAYONEEC___CTG1 323682	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG10 323750	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG2 323683	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG3 323684	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG4 323685	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG5 323686	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG6 323687	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG7 323688	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14

BAYONEEC___CTG8 323689	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYONEEC___CTG9 323749	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.77 2.31 -5.86	32.85 2.22 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
BAYPORT_69_KV_BK 2 356364	51.92 2.62 -23.34	47.05 2.40 -18.86	43.83 2.08 -19.18	34.09 2.01 -10.26	43.64 2.29 -16.19	51.82 2.66 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.29 2.97 0.00	29.12 2.26 0.00	25.14 2.41 0.00	30.64 2.68 -6.21	44.24 2.69 -19.84	45.43 2.65 -21.20	49.11 2.66 -24.86	46.93 2.56 -23.60	47.02 2.53 -23.03	51.01 4.35 -10.99	59.77 5.99 -5.04	71.20 7.39 -4.22	71.22 6.88 -8.41	57.46 5.21 -8.48	51.92 3.81 -14.67	50.77 2.71 -23.47
BEACON___LESR 323632	27.18 1.22 0.00	28.49 1.21 -1.48	28.51 1.04 -4.89	26.86 1.09 -3.96	26.34 1.18 0.00	30.87 1.30 0.00	40.00 1.65 0.00	40.22 1.55 0.00	31.44 1.12 0.00	27.83 0.97 0.00	23.61 0.89 0.00	28.62 0.76 -6.11	28.51 0.74 -6.06	28.92 0.73 -6.61	29.01 0.73 -6.68	32.73 0.73 -11.22	36.07 0.75 -13.86	39.77 1.39 -2.71	50.63 1.90 0.00	61.97 2.39 0.00	58.84 2.35 -0.56	48.19 1.80 -2.62	35.48 1.47 -0.57	31.64 1.18 -5.86
BEAVER RIVER___HYD 24048	25.70 -0.26 0.00	25.47 -0.39 -0.06	22.51 -0.27 -0.20	21.71 -0.26 -0.16	24.96 -0.20 0.00	29.40 -0.18 0.00	37.97 -0.38 0.00	38.52 -0.15 0.00	29.77 -0.54 0.00	26.35 -0.51 0.00	22.27 -0.45 0.00	21.50 -0.50 -0.25	21.41 -0.54 -0.25	21.20 -0.65 -0.27	21.24 -0.63 -0.27	20.57 -0.67 -0.46	21.28 -0.75 -0.57	34.82 -0.96 -0.11	48.05 -0.68 0.00	59.80 -0.06 -0.27	56.07 -0.22 -0.36	43.70 -0.17 -0.11	33.39 -0.07 -0.02	24.71 -0.12 -0.24
BEEBEE_GT_13 23619	22.51 -1.71 1.73	24.51 -1.37 -0.09	21.71 -1.17 -0.31	21.10 -0.96 -0.25	24.14 -1.01 0.01	28.56 -1.01 0.01	36.89 -1.46 0.01	37.19 -1.47 0.01	29.73 -0.58 0.01	26.29 -0.56 0.01	21.90 -0.82 0.01	21.03 -1.09 -0.37	21.01 -1.06 -0.36	21.00 -0.97 -0.40	20.96 -1.04 -0.40	20.40 -1.06 -0.68	21.13 -1.18 -0.85	29.13 -1.96 4.57	40.45 -2.78 5.50	49.46 -3.40 6.73	52.80 -3.08 0.05	39.78 -2.32 1.67	31.74 -1.71 -0.01	23.76 -1.18 -0.35
BENSHRST_27_KV_BENSHRST_1 355998	28.89 2.26 -0.67	29.14 2.04 -1.31	28.64 1.76 -4.30	26.98 1.68 -3.48	27.08 1.91 -0.01	31.82 2.25 0.00	41.04 2.68 0.00	41.89 3.21 -0.01	33.19 2.88 0.00	29.23 2.36 -0.01	24.99 2.25 -0.01	29.57 2.57 -5.25	29.54 2.63 -5.21	29.87 2.61 -5.68	29.90 2.57 -5.74	33.11 2.47 -9.86	36.04 2.40 -12.17	42.02 3.96 -2.39	56.34 5.46 -2.15	68.28 6.44 -2.25	62.46 5.98 -0.54	51.47 4.64 -3.06	37.34 3.38 -0.52	32.15 2.43 -5.12
BETHLEHEM___GRP 23843	26.89 0.93 0.00	28.15 0.88 -1.48	28.24 0.77 -4.89	26.54 0.76 -3.96	26.04 0.88 0.00	30.37 0.80 0.00	39.28 0.92 0.00	39.56 0.89 0.00	31.01 0.70 0.00	27.45 0.59 0.00	23.34 0.61 0.00	28.41 0.54 -6.12	28.28 0.50 -6.07	28.71 0.52 -6.62	28.80 0.52 -6.69	32.51 0.50 -11.23	35.84 0.52 -13.87	39.31 0.93 -2.71	51.45 1.17 -1.54	62.63 1.43 -1.62	57.87 1.34 -0.59	48.03 1.09 -3.17	35.02 1.00 -0.58	31.35 0.91 -5.84
BETHLEHEM___GS1 323560	26.89 0.93 0.00	28.18 0.90 -1.48	28.24 0.77 -4.89	26.60 0.83 -3.96	26.04 0.88 0.00	30.43 0.86 0.00	39.35 1.00 0.00	39.64 0.97 0.00	31.01 0.70 0.00	27.48 0.62 0.00	23.36 0.64 0.00	28.38 0.52 -6.11	28.27 0.50 -6.06	28.68 0.50 -6.61	28.79 0.52 -6.68	32.51 0.50 -11.23	35.84 0.51 -13.87	39.31 0.93 -2.71	49.90 1.17 0.00	61.02 1.43 0.00	57.89 1.40 -0.56	47.49 1.09 -2.62	35.01 1.00 -0.57	31.34 0.88 -5.87
BETHLEHEM___GS2 323561	26.89 0.93 0.00	28.18 0.90 -1.48	28.24 0.77 -4.89	26.60 0.83 -3.96	26.04 0.88 0.00	30.43 0.86 0.00	39.35 1.00 0.00	39.64 0.97 0.00	31.01 0.70 0.00	27.48 0.62 0.00	23.36 0.64 0.00	28.38 0.52 -6.11	28.27 0.50 -6.06	28.68 0.50 -6.61	28.79 0.52 -6.68	32.51 0.50 -11.23	35.84 0.51 -13.87	39.31 0.93 -2.71	49.90 1.17 0.00	61.02 1.43 0.00	57.89 1.40 -0.56	47.49 1.09 -2.62	35.01 1.00 -0.57	31.34 0.88 -5.87
BETHLEHEM___GS3 323562	26.89 0.93 0.00	28.18 0.90 -1.48	28.24 0.77 -4.89	26.60 0.83 -3.96	26.04 0.88 0.00	30.43 0.86 0.00	39.35 1.00 0.00	39.64 0.97 0.00	31.01 0.70 0.00	27.48 0.62 0.00	23.36 0.64 0.00	28.38 0.52 -6.11	28.27 0.50 -6.06	28.68 0.50 -6.61	28.79 0.52 -6.68	32.51 0.50 -11.23	35.84 0.51 -13.87	39.31 0.93 -2.71	49.90 1.17 0.00	61.02 1.43 0.00	57.89 1.40 -0.56	47.49 1.09 -2.62	35.01 1.00 -0.57	31.34 0.88 -5.87
BETHLEHEM___STEEL 23779	20.94 -2.31 2.70	23.86 -2.01 -0.08	21.07 -1.81 -0.29	20.37 -1.68 -0.23	23.26 -1.89 0.02	27.40 -2.16 0.02	35.46 -2.88 0.02	35.83 -2.82 0.02	28.45 -1.85 0.02	25.18 -1.67 0.01	21.10 -1.61 0.02	20.36 -1.74 -0.34	20.36 -1.69 -0.34	20.29 -1.66 -0.37	20.24 -1.73 -0.38	19.91 -1.52 -0.65	20.53 -1.74 -0.81	24.99 -2.75 7.94	36.59 -3.80 8.34	45.69 -4.89 9.01	51.25 -4.59 0.10	37.74 -3.41 2.62	30.93 -2.51 0.00	23.24 -1.67 -0.32
BETHLHEM_115KV_TB1 79974	26.89 0.93 0.00	28.15 0.88 -1.48	28.25 0.79 -4.88	26.53 0.76 -3.95	26.04 0.88 0.00	30.40 0.83 0.00	39.35 1.00 0.00	39.64 0.97 0.00	31.04 0.73 0.00	27.50 0.64 0.00	23.36 0.64 0.00	28.45 0.59 -6.11	28.34 0.56 -6.07	28.75 0.56 -6.62	28.84 0.56 -6.69	32.54 0.54 -11.22	35.87 0.56 -13.86	39.38 1.00 -2.71	51.59 1.32 -1.54	62.81 1.61 -1.62	58.04 1.51 -0.59	48.11 1.18 -3.16	35.09 1.07 -0.58	31.34 0.91 -5.84
BETHPAGE_CC_5 323564	51.71 2.41 -23.34	46.87 2.22 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.19 3.68 -10.85	33.23 2.91 0.00	29.12 2.26 0.00	25.07 2.34 0.00	30.67 2.59 -6.33	44.30 2.63 -19.96	45.55 2.65 -21.33	49.15 2.57 -24.99	46.82 2.45 -23.59	46.89 2.40 -23.03	50.69 4.03 -10.99	59.60 5.41 -5.46	70.63 6.55 -4.49	71.70 6.15 -9.62	57.67 4.59 -9.30	51.56 3.44 -14.68	50.62 2.53 -23.49
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.03 -2.18 2.75	23.96 -1.91 -0.08	21.13 -1.74 -0.29	20.39 -1.66 -0.23	23.26 -1.89 0.02	27.43 -2.13 0.02	35.54 -2.80 0.02	35.99 -2.67 0.02	28.42 -1.88 0.02	25.16 -1.69 0.01	21.12 -1.59 0.02	20.44 -1.65 -0.34	20.44 -1.61 -0.34	20.35 -1.60 -0.37	20.33 -1.64 -0.38	20.02 -1.41 -0.65	20.64 -1.63 -0.81	25.05 -2.53 8.09	36.77 -3.51 8.46	46.00 -4.47 9.12	51.58 -4.25 0.10	37.96 -3.15 2.65	31.10 -2.34 0.00	23.34 -1.57 -0.32

BINGHAMTON___COGEN 23790	30.63 0.31 -4.36	26.66 0.28 -0.58	24.69 0.25 -1.86	23.55 0.22 -1.51	25.51 0.33 -0.02	30.00 0.41 -0.01	39.03 0.65 -0.02	39.46 0.77 -0.02	30.91 0.58 -0.02	27.27 0.40 -0.01	23.08 0.34 -0.02	24.19 0.28 -2.15	24.15 0.30 -2.14	24.23 0.32 -2.33	24.25 0.30 -2.35	25.08 0.29 -4.01	26.70 0.30 -4.94	46.05 0.54 -9.84	63.85 0.83 -14.29	76.20 1.07 -15.54	57.58 0.95 -0.69	50.30 0.74 -5.79	34.24 0.53 -0.27	27.02 0.34 -2.09
BIXINCNT_115KV_LOAD 355685	20.59 -2.41 2.96	23.75 -2.12 -0.07	20.88 -1.99 -0.29	20.09 -1.96 -0.23	22.85 -2.29 0.02	26.92 -2.63 0.02	35.15 -3.18 0.02	35.91 -2.75 0.02	27.99 -2.30 0.02	24.75 -2.10 0.01	20.92 -1.80 0.02	20.33 -1.76 -0.34	20.27 -1.78 -0.34	20.07 -1.88 -0.37	20.09 -1.88 -0.38	19.92 -1.52 -0.66	20.65 -1.63 -0.82	24.48 -2.43 8.77	36.58 -3.17 8.99	46.11 -4.05 9.42	51.86 -3.97 0.11	37.75 -3.20 2.82	30.90 -2.54 0.00	23.14 -1.77 -0.31
BLACK RIVER___HYD 24047	25.96 0.00 0.00	25.69 -0.18 -0.08	22.77 -0.07 -0.26	21.96 -0.07 -0.21	25.24 0.08 0.00	29.75 0.18 0.00	38.43 0.08 0.00	39.14 0.47 0.00	30.10 -0.21 0.00	26.56 -0.29 0.00	22.34 -0.39 0.00	21.60 -0.48 -0.32	21.53 -0.50 -0.32	21.34 -0.58 -0.35	21.41 -0.54 -0.35	20.77 -0.60 -0.60	21.55 -0.64 -0.74	35.14 -0.68 -0.14	48.54 -0.19 0.00	60.84 0.83 -0.42	57.11 0.62 -0.56	44.39 0.48 -0.14	33.77 0.30 -0.03	25.01 0.10 -0.31
BLACKRVR_115KV_TB2 79977	25.96 0.00 0.00	25.69 -0.18 -0.08	22.77 -0.07 -0.26	21.98 -0.04 -0.21	25.24 0.08 0.00	29.78 0.21 0.00	38.70 0.35 0.00	39.18 0.50 0.00	30.13 -0.18 0.00	26.59 -0.27 0.00	22.36 -0.36 0.00	21.59 -0.48 -0.32	21.53 -0.50 -0.32	21.34 -0.58 -0.35	21.40 -0.54 -0.35	20.77 -0.60 -0.59	21.55 -0.64 -0.73	35.14 -0.68 -0.14	48.54 -0.19 0.00	60.84 0.83 -0.42	57.11 0.62 -0.56	44.39 0.48 -0.14	33.77 0.30 -0.03	25.00 0.10 -0.31
BLISS_WT_PWR 323608	20.38 -2.62 2.96	23.55 -2.32 -0.07	20.75 -2.12 -0.29	20.04 -2.01 -0.23	22.68 -2.46 0.02	26.95 -2.60 0.02	35.08 -3.26 0.02	35.83 -2.82 0.02	27.93 -2.36 0.02	24.67 -2.17 0.01	20.87 -1.84 0.02	20.21 -1.89 -0.35	20.11 -1.95 -0.35	19.95 -2.01 -0.38	19.95 -2.03 -0.39	19.77 -1.68 -0.67	20.53 -1.76 -0.83	24.30 -2.60 8.76	36.29 -3.41 9.03	45.77 -4.35 9.47	51.57 -4.25 0.11	37.43 -3.50 2.84	30.63 -2.81 0.00	22.99 -1.94 -0.34
BLUESTONE___WT_PWR 323821	28.85 1.04 -1.85	27.32 0.83 -0.70	25.63 0.74 -2.30	24.45 0.76 -1.87	26.10 0.93 -0.01	30.73 1.15 -0.01	40.24 1.88 -0.01	40.96 2.28 -0.01	31.84 1.52 -0.01	28.13 1.26 0.00	23.71 0.98 -0.01	25.08 0.87 -2.46	25.02 0.87 -2.44	25.06 0.82 -2.66	25.11 0.82 -2.69	26.06 0.77 -4.51	27.85 0.82 -5.57	42.72 1.75 -5.30	57.95 2.09 -7.12	70.55 2.98 -7.99	58.84 2.40 -0.51	48.77 1.66 -3.34	34.71 1.04 -0.24	27.35 0.66 -2.09
BLUE_CIRC_CHEM_DRP 24182	27.56 1.12 -0.48	28.29 1.03 -1.46	28.32 0.90 -4.84	26.63 0.89 -3.92	26.24 1.08 0.00	30.76 1.18 0.00	39.78 1.42 0.00	39.99 1.31 0.00	31.19 0.88 0.00	27.61 0.75 0.00	23.43 0.70 0.00	28.42 0.61 -6.06	28.31 0.59 -6.01	28.72 0.58 -6.56	28.80 0.58 -6.63	32.49 0.58 -11.13	35.80 0.60 -13.74	39.50 1.14 -2.69	52.05 1.75 -1.57	63.49 2.26 -1.64	58.59 2.07 -0.59	48.54 1.62 -3.15	35.32 1.30 -0.58	31.42 1.03 -5.79
BOC_GAS_DRP 24189	26.89 0.93 0.00	28.12 0.85 -1.47	28.19 0.75 -4.86	26.47 0.72 -3.94	26.02 0.86 0.00	30.49 0.92 0.00	39.47 1.11 0.00	39.83 1.16 0.00	31.16 0.85 0.00	27.61 0.75 0.00	23.45 0.73 0.00	28.54 0.70 -6.10	28.45 0.69 -6.05	28.86 0.69 -6.60	28.95 0.69 -6.67	32.63 0.66 -11.18	35.95 0.69 -13.81	39.55 1.18 -2.70	50.34 1.61 0.00	61.49 1.91 0.00	58.28 1.79 -0.56	47.82 1.44 -2.61	35.17 1.17 -0.57	31.32 0.91 -5.82
BOONVILLE_115KV_TB1 79983	26.37 0.42 0.00	26.14 0.28 -0.06	23.07 0.29 -0.19	22.28 0.31 -0.16	25.59 0.43 0.00	30.16 0.59 0.00	39.20 0.84 0.00	39.60 0.93 0.00	30.74 0.42 0.00	27.21 0.35 0.00	22.91 0.18 0.00	22.10 0.11 -0.24	22.01 0.07 -0.24	21.85 0.02 -0.26	21.90 0.04 -0.26	21.22 0.00 -0.44	22.00 0.00 -0.55	36.03 0.25 -0.11	49.46 0.73 0.00	61.25 1.49 -0.17	57.40 1.23 -0.24	44.84 0.96 -0.10	34.16 0.70 -0.02	25.27 0.44 -0.23
BORALEX_4TH_BRANCH 23824	27.62 1.66 0.00	28.88 1.60 -1.49	28.87 1.38 -4.91	27.12 1.33 -3.98	26.72 1.56 0.00	31.41 1.83 0.00	40.77 2.42 0.00	41.11 2.44 0.00	32.19 1.88 0.00	28.44 1.58 0.00	24.16 1.43 0.00	29.02 1.13 -6.13	28.93 1.13 -6.09	29.36 1.14 -6.64	29.49 1.19 -6.71	33.18 1.12 -11.28	36.65 1.27 -13.93	40.57 2.18 -2.72	51.61 2.88 0.00	63.04 3.46 0.00	59.85 3.36 -0.56	49.21 2.80 -2.64	36.28 2.27 -0.57	32.13 1.67 -5.87
BOWLINE___1 23526	28.44 1.79 -0.69	28.69 1.60 -1.29	28.24 1.40 -4.26	26.68 1.42 -3.45	26.70 1.53 0.00	31.44 1.86 0.00	40.77 2.42 0.00	41.34 2.67 0.00	32.71 2.39 0.00	28.74 1.88 0.00	24.55 1.82 0.00	29.00 1.98 -5.27	28.95 2.02 -5.23	29.32 2.05 -5.70	29.32 1.96 -5.76	32.43 1.89 -9.76	35.35 1.85 -12.05	42.19 3.17 -3.34	55.32 4.39 -2.20	67.19 5.30 -2.30	61.38 4.92 -0.53	50.48 3.68 -3.03	36.59 2.64 -0.51	31.54 1.89 -5.06
BOWLINE___2 23595	28.44 1.79 -0.69	28.69 1.60 -1.29	28.24 1.40 -4.26	26.68 1.42 -3.45	26.70 1.53 0.00	31.44 1.86 0.00	40.77 2.42 0.00	41.34 2.67 0.00	32.71 2.39 0.00	28.74 1.88 0.00	24.55 1.82 0.00	29.00 1.98 -5.27	28.95 2.02 -5.23	29.33 2.05 -5.70	29.32 1.96 -5.76	32.43 1.89 -9.76	35.35 1.85 -12.05	42.19 3.17 -3.34	55.32 4.39 -2.20	67.19 5.30 -2.30	61.38 4.92 -0.53	50.48 3.68 -3.03	36.59 2.64 -0.51	31.54 1.89 -5.06
BRADY___115KV_TB2 356060	25.39 -0.57 0.00	25.30 -0.49 0.00	22.13 -0.45 0.00	21.36 -0.46 0.00	24.53 -0.63 0.00	28.83 -0.74 0.00	37.70 -0.65 0.00	37.67 -1.01 0.00	29.28 -1.03 0.00	26.19 -0.67 0.00	22.07 -0.66 0.00	21.32 -0.44 0.00	21.19 -0.52 0.00	20.88 -0.69 0.00	20.95 -0.65 0.00	20.11 -0.66 0.00	20.81 -0.64 0.00	34.64 -1.03 0.00	47.81 -0.93 0.00	58.63 -0.95 0.00	55.15 -0.78 0.00	43.20 -0.57 0.00	32.87 -0.57 0.00	24.18 -0.42 0.00
BRANSCOMB___SOLAR 323811	27.49 1.53 0.00	28.83 1.52 -1.51	28.89 1.31 -5.00	27.22 1.35 -4.05	26.67 1.51 0.00	31.44 1.86 0.00	40.89 2.53 0.00	40.95 2.28 0.00	31.83 1.52 0.00	28.12 1.26 0.00	23.89 1.16 0.00	28.94 0.96 -6.24	28.81 0.91 -6.19	29.19 0.86 -6.75	29.26 0.84 -6.82	33.13 0.89 -11.46	36.55 0.94 -14.15	40.22 1.78 -2.77	51.31 2.58 0.00	63.10 3.51 0.00	60.03 3.53 -0.57	49.21 2.76 -2.68	36.09 2.07 -0.58	32.09 1.50 -6.00
BRDGHMPT_69_KV_BK1 55812	51.63 2.34 -23.34	46.74 2.09 -18.86	43.58 1.83 -19.18	33.83 1.75 -10.26	43.31 1.96 -16.19	51.44 2.28 -19.59	52.74 2.80 -11.58	52.57 3.06 -10.85	32.62 2.30 0.00	28.50 1.64 0.00	24.66 1.93 0.00	30.18 2.22 -6.21	43.81 2.26 -19.84	44.95 2.18 -21.20	48.66 2.20 -24.86	46.47 2.10 -23.60	46.57 2.08 -23.03	50.16 3.50 -10.99	58.85 5.12 -5.00	70.09 6.32 -4.19	70.15 5.93 -8.29	56.59 4.42 -8.40	51.25 3.14 -14.67	50.23 2.16 -23.47

BRENTWOD_69_KV_W. BRTWOOD 56703	51.76 2.47 -23.34	46.92 2.27 -18.86	43.72 1.96 -19.18	33.96 1.88 -10.26	43.51 2.16 -16.19	51.68 2.51 -19.59	53.12 3.18 -11.58	53.04 3.52 -10.85	33.16 2.85 0.00	29.04 2.18 0.00	25.05 2.32 0.00	30.53 2.57 -6.21	44.16 2.61 -19.84	45.36 2.59 -21.20	49.02 2.57 -24.86	46.85 2.47 -23.60	46.94 2.45 -23.03	50.80 4.14 -10.99	59.15 5.36 -5.05	70.37 6.55 -4.23	70.54 6.15 -8.45	56.88 4.60 -8.51	51.68 3.58 -14.67	50.64 2.58 -23.47
BRISTLHL_115KV_TB1 79998	24.79 -0.55 0.62	25.36 -0.54 -0.11	22.50 -0.45 -0.37	21.70 -0.41 -0.30	24.73 -0.43 0.00	29.10 -0.47 0.00	37.78 -0.58 0.00	38.25 -0.43 0.00	30.01 -0.30 0.00	26.51 -0.35 0.00	22.39 -0.34 0.00	21.79 -0.41 -0.45	21.74 -0.41 -0.45	21.70 -0.37 -0.49	21.70 -0.39 -0.49	21.25 -0.37 -0.84	22.13 -0.36 -1.04	35.16 -0.71 -0.20	45.64 -1.07 2.02	57.16 -1.19 1.24	55.87 -1.17 -1.11	42.34 -0.92 0.51	32.79 -0.67 -0.03	24.52 -0.52 -0.44
BROOKHAVEN___DRP 24191	51.69 2.39 -23.34	46.79 2.14 -18.86	43.63 1.87 -19.18	33.89 1.81 -10.26	43.41 2.06 -16.19	51.53 2.37 -19.59	52.93 2.99 -11.58	52.81 3.29 -10.85	32.98 2.67 0.00	28.82 1.96 0.00	24.89 2.16 0.00	30.40 2.44 -6.21	44.01 2.45 -19.84	45.19 2.42 -21.20	48.85 2.40 -24.86	46.68 2.31 -23.60	46.79 2.30 -23.03	50.55 3.89 -10.99	59.09 5.36 -4.99	70.33 6.55 -4.19	70.37 6.15 -8.29	56.85 4.68 -8.40	51.55 3.44 -14.67	50.50 2.43 -23.47
BROOKLYN_NAVY_YARD 23515	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.29	26.80 1.50 -3.48	26.75 1.59 0.00	31.59 2.01 0.00	40.93 2.57 0.00	41.69 3.02 0.00	32.95 2.64 0.00	28.98 2.12 0.00	24.77 2.05 0.00	29.44 2.33 -5.36	29.42 2.39 -5.32	29.79 2.42 -5.80	29.74 2.29 -5.86	32.83 2.20 -9.85	35.75 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.64 5.84 -2.21	61.84 5.37 -0.53	50.97 4.16 -3.04	36.90 2.94 -0.52	31.85 2.12 -5.14
BROOKLYN___ARMY_DRP 323595	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
BROOME_2_LFGE 323671	30.63 0.31 -4.36	26.68 0.31 -0.58	24.69 0.25 -1.86	23.59 0.26 -1.51	25.51 0.33 -0.02	30.00 0.41 -0.01	39.03 0.65 -0.02	39.50 0.81 -0.02	30.90 0.57 -0.02	27.30 0.43 -0.01	23.08 0.34 -0.01	24.21 0.28 -2.18	24.17 0.30 -2.16	24.26 0.32 -2.36	24.28 0.30 -2.38	25.06 0.29 -3.99	26.67 0.30 -4.92	46.04 0.54 -9.84	63.70 0.83 -14.14	76.04 1.07 -15.38	57.57 0.95 -0.69	50.25 0.74 -5.74	34.22 0.50 -0.28	27.08 0.34 -2.15
BROOME___LFGE 323600	30.63 0.31 -4.36	26.68 0.31 -0.58	24.69 0.25 -1.86	23.59 0.26 -1.51	25.51 0.33 -0.02	30.00 0.41 -0.01	39.03 0.65 -0.02	39.50 0.81 -0.02	30.90 0.57 -0.02	27.30 0.43 -0.01	23.08 0.34 -0.01	24.21 0.28 -2.18	24.17 0.30 -2.16	24.26 0.32 -2.36	24.28 0.30 -2.38	25.06 0.29 -3.99	26.67 0.30 -4.92	46.04 0.54 -9.84	63.70 0.83 -14.14	76.04 1.07 -15.38	57.57 0.95 -0.69	50.25 0.74 -5.74	34.22 0.50 -0.28	27.08 0.34 -2.15
BROWNFLS_115KV_TB 3_5 80003	25.15 -0.80 0.00	24.99 -0.85 -0.04	21.99 -0.72 -0.14	21.23 -0.70 -0.11	24.36 -0.81 0.00	28.63 -0.95 0.00	37.32 -1.04 0.00	37.51 -1.16 0.00	29.10 -1.21 0.00	26.00 -0.86 0.00	21.95 -0.77 0.00	21.26 -0.67 -0.18	21.10 -0.78 -0.18	20.82 -0.95 -0.19	20.84 -0.95 -0.20	20.12 -1.00 -0.33	20.78 -1.09 -0.41	34.11 -1.64 -0.08	47.03 -1.71 0.00	58.17 -1.61 -0.19	54.68 -1.51 -0.26	42.67 -1.18 -0.08	32.58 -0.87 -0.02	24.13 -0.64 -0.17
BROWNSV1_27_KV_LOAD 356125	28.75 2.13 -0.67	29.00 1.91 -1.30	28.52 1.65 -4.29	26.86 1.57 -3.48	26.95 1.79 0.00	31.67 2.10 0.00	40.96 2.61 0.00	41.73 3.06 0.00	33.10 2.79 0.00	29.12 2.26 0.00	24.89 2.16 0.00	29.47 2.48 -5.24	29.43 2.52 -5.20	29.75 2.50 -5.67	29.79 2.46 -5.73	33.00 2.37 -9.85	35.92 2.30 -12.16	41.90 3.85 -2.38	56.19 5.31 -2.14	68.21 6.38 -2.24	62.34 5.87 -0.54	51.29 4.46 -3.05	37.16 3.21 -0.52	32.00 2.29 -5.12
BURROWS___LYONSDAL 23803	26.22 0.26 0.00	25.98 0.13 -0.06	22.95 0.18 -0.19	22.17 0.20 -0.16	25.46 0.30 0.00	29.99 0.41 0.00	38.97 0.61 0.00	39.37 0.70 0.00	30.53 0.21 0.00	27.02 0.16 0.00	22.77 0.05 0.00	21.97 -0.02 -0.24	21.88 -0.07 -0.24	21.70 -0.13 -0.26	21.75 -0.11 -0.26	21.08 -0.15 -0.45	21.84 -0.17 -0.55	35.78 0.00 -0.11	49.17 0.44 0.00	60.97 1.19 -0.19	57.15 0.95 -0.27	44.58 0.70 -0.11	33.99 0.53 -0.02	25.15 0.32 -0.23
CAITHNESS_CC_1 323624	51.63 2.34 -23.34	46.77 2.12 -18.86	43.61 1.85 -19.18	33.96 1.88 -10.26	43.36 2.01 -16.19	51.62 2.45 -19.59	53.08 3.15 -11.58	53.00 3.48 -10.85	33.01 2.70 0.00	28.90 2.04 0.00	24.91 2.18 0.00	30.51 2.44 -6.33	44.12 2.45 -19.96	45.36 2.46 -21.33	48.96 2.38 -24.99	46.66 2.29 -23.59	46.76 2.27 -23.03	50.51 3.85 -10.99	58.96 5.26 -4.96	70.18 6.44 -4.16	70.26 6.04 -8.28	56.71 4.55 -8.38	51.48 3.38 -14.67	50.49 2.41 -23.49
CALPINE BETH_PAGE_GT4 24209	51.71 2.41 -23.34	46.87 2.22 -18.86	43.67 1.92 -19.18	33.91 1.83 -10.26	43.46 2.11 -16.19	51.62 2.45 -19.59	53.04 3.11 -11.58	52.96 3.44 -10.85	33.19 2.88 0.00	29.06 2.20 0.00	25.02 2.30 0.00	30.53 2.57 -6.21	44.16 2.61 -19.84	45.36 2.59 -21.20	49.02 2.57 -24.86	46.85 2.47 -23.60	46.92 2.42 -23.03	50.66 4.00 -10.99	59.77 5.36 -5.67	70.73 6.50 -4.65	72.11 6.04 -10.13	57.99 4.55 -9.67	51.50 3.38 -14.69	50.59 2.53 -23.47
CALPINE_BETH_PAGE_GT_4 323586	51.71 2.41 -23.34	46.87 2.22 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.27 3.34 -11.58	53.19 3.68 -10.85	33.25 2.94 0.00	29.14 2.28 0.00	25.07 2.34 0.00	30.67 2.59 -6.33	44.30 2.63 -19.96	45.55 2.65 -21.33	49.15 2.57 -24.99	46.84 2.47 -23.59	46.91 2.42 -23.03	50.65 3.99 -10.99	59.74 5.36 -5.64	70.70 6.50 -4.62	72.11 6.04 -10.13	57.98 4.55 -9.66	51.50 3.38 -14.69	50.64 2.56 -23.49
CALPINE_BP_GT1 23823	51.71 2.41 -23.34	46.87 2.22 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.27 3.34 -11.58	53.19 3.68 -10.85	33.25 2.94 0.00	29.14 2.28 0.00	25.07 2.34 0.00	30.67 2.59 -6.33	44.30 2.63 -19.96	45.55 2.65 -21.33	49.15 2.57 -24.99	46.84 2.47 -23.59	46.91 2.42 -23.03	50.65 3.99 -10.99	59.74 5.36 -5.64	70.70 6.50 -4.62	72.11 6.04 -10.13	57.98 4.55 -9.66	51.50 3.38 -14.69	50.64 2.56 -23.49
CALSPAN___DRP 24200	20.94 -2.31 2.70	23.86 -2.01 -0.08	21.07 -1.81 -0.29	20.37 -1.68 -0.23	23.26 -1.89 0.02	27.40 -2.16 0.02	35.46 -2.88 0.02	35.83 -2.82 0.02	28.45 -1.85 0.02	25.18 -1.67 0.01	21.10 -1.61 0.02	20.36 -1.74 -0.34	20.36 -1.69 -0.34	20.29 -1.66 -0.37	20.24 -1.73 -0.38	19.91 -1.52 -0.65	20.53 -1.74 -0.81	24.99 -2.75 7.94	36.59 -3.80 8.34	45.69 -4.89 9.01	51.25 -4.59 0.10	37.74 -3.41 2.62	30.93 -2.51 0.00	23.24 -1.67 -0.32

CALVERTON___SOLAR 323806	51.71 2.41 -23.34	46.82 2.17 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.43 2.09 -16.19	51.71 2.54 -19.59	53.19 3.26 -11.58	53.07 3.56 -10.85	33.04 2.73 0.00	28.90 2.04 0.00	24.91 2.18 0.00	30.54 2.46 -6.33	44.14 2.47 -19.96	45.36 2.46 -21.33	48.98 2.40 -24.99	46.68 2.31 -23.59	46.79 2.30 -23.03	50.55 3.89 -10.99	59.16 5.46 -4.97	70.42 6.67 -4.16	70.48 6.26 -8.29	56.89 4.73 -8.39	51.58 3.48 -14.67	50.54 2.46 -23.49
CANDIGU_WT_PWR 323617	20.01 -1.69 4.26	24.36 -1.50 -0.06	21.45 -1.40 -0.27	20.70 -1.33 -0.21	23.65 -1.48 0.03	27.95 -1.60 0.02	36.22 -2.11 0.03	35.94 -2.71 0.03	28.32 -1.97 0.02	24.91 -1.93 0.01	20.87 -1.84 0.02	20.10 -1.98 -0.32	20.12 -1.91 -0.32	20.07 -1.86 -0.35	20.03 -1.92 -0.36	19.99 -1.43 -0.64	20.73 -1.52 -0.80	19.98 -2.25 13.44	32.30 -2.73 13.71	42.85 -3.16 13.58	52.83 -3.02 0.09	36.97 -2.41 4.39	31.45 -1.97 0.01	23.56 -1.35 -0.32
CARR STREET_E_SYR 24060	25.05 -0.23 0.67	25.72 -0.21 -0.13	22.82 -0.18 -0.42	21.98 -0.18 -0.34	25.04 -0.13 0.00	29.43 -0.15 0.00	38.20 -0.15 0.00	38.67 0.00 0.00	30.44 0.12 0.00	26.86 0.00 0.00	22.70 -0.02 0.00	22.17 -0.11 -0.52	22.14 -0.09 -0.52	22.10 -0.04 -0.57	22.10 -0.06 -0.57	21.68 -0.06 -0.96	22.58 -0.06 -1.19	35.69 -0.21 -0.23	46.18 -0.34 2.21	57.46 -0.36 1.77	55.97 -0.39 -0.43	42.92 -0.30 0.55	33.23 -0.23 -0.03	24.90 -0.20 -0.51
CARTHAGE___PAPER 23857	25.78 -0.18 0.00	25.50 -0.36 -0.07	22.59 -0.23 -0.23	21.79 -0.22 -0.19	25.04 -0.13 0.00	29.48 -0.09 0.00	38.13 -0.23 0.00	38.71 0.04 0.00	29.83 -0.49 0.00	26.35 -0.51 0.00	22.23 -0.50 0.00	21.50 -0.54 -0.30	21.42 -0.59 -0.29	21.20 -0.69 -0.32	21.25 -0.67 -0.32	20.62 -0.71 -0.54	21.38 -0.75 -0.67	34.91 -0.89 -0.13	48.20 -0.54 0.00	60.19 0.24 -0.36	56.53 0.11 -0.48	43.94 0.04 -0.13	33.50 0.03 -0.03	24.81 -0.07 -0.29
CASSADAGA_WT_PWR 323784	20.47 -2.57 2.91	23.52 -2.35 -0.07	20.77 -2.10 -0.29	19.95 -2.09 -0.23	22.80 -2.34 0.02	26.95 -2.60 0.02	35.11 -3.22 0.02	35.52 -3.13 0.02	28.09 -2.21 0.02	24.86 -1.99 0.01	20.92 -1.80 0.02	20.30 -1.81 -0.35	20.28 -1.78 -0.35	20.13 -1.83 -0.38	20.08 -1.90 -0.39	19.79 -1.66 -0.67	20.51 -1.78 -0.83	24.37 -2.71 8.59	36.32 -3.51 8.90	45.65 -4.41 9.53	51.58 -4.25 0.10	37.43 -3.54 2.80	30.60 -2.84 0.00	22.97 -1.97 -0.34
CE_DUNWOOD___DRP 24194	28.49 1.87 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.69 1.40 -3.47	26.75 1.59 0.00	31.41 1.83 0.00	40.66 2.30 0.00	41.30 2.63 0.00	32.80 2.49 0.00	28.79 1.93 0.00	24.59 1.86 0.00	29.14 2.11 -5.28	29.10 2.15 -5.24	29.43 2.14 -5.71	29.49 2.12 -5.78	32.63 2.02 -9.84	35.56 1.95 -12.15	41.40 3.35 -2.38	55.51 4.63 -2.15	67.38 5.54 -2.25	61.61 5.15 -0.53	50.67 3.85 -3.05	36.76 2.81 -0.52	31.70 1.99 -5.12
CE_MILLWOOD___DRP 24193	28.47 1.84 -0.67	28.74 1.65 -1.30	28.31 1.45 -4.28	26.63 1.35 -3.46	26.72 1.56 0.00	31.38 1.80 0.00	40.62 2.26 0.00	41.22 2.55 0.00	32.74 2.43 0.00	28.74 1.88 0.00	24.55 1.82 0.00	29.07 2.04 -5.27	29.04 2.11 -5.23	29.37 2.09 -5.70	29.41 2.05 -5.76	32.57 1.97 -9.82	35.49 1.91 -12.12	41.32 3.28 -2.37	55.42 4.53 -2.16	67.33 5.48 -2.26	61.50 5.03 -0.53	50.59 3.76 -3.05	36.69 2.74 -0.51	31.67 1.97 -5.11
CE_NYC2_DRP 24202	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.83 1.53 -3.48	26.90 1.74 -0.01	31.58 2.01 0.00	40.73 2.38 0.00	41.50 2.82 0.00	32.95 2.64 0.00	29.02 2.15 -0.01	24.80 2.07 -0.01	29.39 2.39 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.73 2.40 -5.74	32.93 2.29 -9.86	35.84 2.21 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.98 4.16 -3.05	36.99 3.04 -0.52	31.93 2.21 -5.12
CE_NYC_DRP 24195	28.59 1.97 -0.67	28.87 1.78 -1.30	28.41 1.54 -4.29	26.73 1.44 -3.48	26.82 1.66 0.00	32.95 1.92 -1.46	42.60 2.42 -1.83	43.35 2.82 -1.86	34.46 2.64 -1.51	30.31 2.10 -1.35	25.93 2.02 -1.18	29.34 2.35 -5.24	29.32 2.41 -5.20	29.64 2.39 -5.67	29.68 2.35 -5.73	32.88 2.24 -9.85	35.79 2.17 -12.16	41.69 3.64 -2.38	55.89 5.02 -2.14	67.79 5.96 -2.24	62.01 5.54 -0.54	51.02 4.20 -3.05	36.96 3.01 -0.52	31.88 2.16 -5.12
CHAFFEE___LFGE 323603	20.95 -2.18 2.83	23.99 -1.88 -0.08	21.13 -1.74 -0.29	20.39 -1.66 -0.23	23.28 -1.86 0.02	27.43 -2.13 0.02	35.54 -2.80 0.02	35.87 -2.78 0.02	28.51 -1.79 0.02	25.21 -1.64 0.01	21.12 -1.59 0.02	20.45 -1.65 -0.35	20.45 -1.61 -0.35	20.36 -1.60 -0.39	20.34 -1.64 -0.39	20.00 -1.46 -0.67	20.66 -1.63 -0.83	24.79 -2.53 8.35	36.57 -3.46 8.71	45.83 -4.41 9.35	51.64 -4.20 0.10	37.88 -3.15 2.74	31.07 -2.37 0.00	23.41 -1.52 -0.34
CHATEAUG_35_KV_LOAD 355732	25.33 -0.62 0.00	25.30 -0.49 0.00	22.08 -0.50 0.00	21.27 -0.55 0.00	24.38 -0.78 0.00	28.72 -0.86 0.00	37.36 -1.00 0.00	37.43 -1.24 0.00	29.31 -1.00 0.00	26.11 -0.75 0.00	22.00 -0.73 0.00	21.16 -0.59 0.00	21.10 -0.61 0.00	20.93 -0.65 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.78 -0.89 0.00	47.86 -0.88 0.00	58.52 -1.07 0.00	54.98 -0.95 0.00	42.98 -0.79 0.00	32.67 -0.77 0.00	23.98 -0.61 0.00
CHATEAUG_WT_PWR 323614	25.33 -0.62 0.00	25.25 -0.54 0.00	22.08 -0.50 0.00	21.21 -0.61 0.00	24.38 -0.78 0.00	28.66 -0.92 0.00	37.24 -1.11 0.00	37.36 -1.31 0.00	29.28 -1.03 0.00	26.11 -0.75 0.00	22.02 -0.70 0.00	21.19 -0.57 0.00	21.12 -0.59 0.00	20.95 -0.63 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.74 -0.93 0.00	47.76 -0.97 0.00	58.45 -1.13 0.00	54.93 -1.01 0.00	42.90 -0.88 0.00	32.67 -0.77 0.00	23.93 -0.66 0.00
CHAT_HIGH_FALL_HYD 323578	25.33 -0.62 0.00	25.30 -0.49 0.00	22.08 -0.50 0.00	21.27 -0.55 0.00	24.38 -0.78 0.00	28.72 -0.86 0.00	37.36 -1.00 0.00	37.43 -1.24 0.00	29.31 -1.00 0.00	26.11 -0.75 0.00	22.00 -0.73 0.00	21.16 -0.59 0.00	21.10 -0.61 0.00	20.93 -0.65 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.78 -0.89 0.00	47.86 -0.88 0.00	58.52 -1.07 0.00	54.98 -0.95 0.00	42.98 -0.79 0.00	32.67 -0.77 0.00	23.98 -0.61 0.00
CHAUTAUQUA___LFGE 323629	20.87 -2.26 2.83	23.94 -1.94 -0.08	21.11 -1.76 -0.29	20.33 -1.72 -0.23	23.25 -1.89 0.02	27.40 -2.16 0.02	35.57 -2.76 0.02	35.87 -2.78 0.02	28.54 -1.76 0.02	25.24 -1.61 0.01	21.17 -1.55 0.02	20.47 -1.63 -0.35	20.45 -1.61 -0.35	20.36 -1.60 -0.39	20.32 -1.66 -0.39	19.98 -1.47 -0.67	20.66 -1.63 -0.83	24.79 -2.53 8.35	36.70 -3.32 8.72	46.06 -4.17 9.36	51.86 -3.97 0.10	37.84 -3.19 2.74	31.00 -2.44 0.00	23.31 -1.62 -0.34
CHERRYST_13_KV_LD 356241	28.67 2.05 -0.67	28.95 1.86 -1.30	28.48 1.60 -4.29	26.80 1.51 -3.48	26.90 1.74 0.00	33.04 2.01 -1.46	42.71 2.53 -1.83	43.47 2.94 -1.86	34.55 2.73 -1.51	30.41 2.20 -1.35	26.02 2.11 -1.18	29.43 2.44 -5.24	29.38 2.47 -5.20	29.71 2.46 -5.67	29.75 2.42 -5.73	32.96 2.33 -9.85	35.88 2.25 -12.16	41.83 3.78 -2.38	56.04 5.17 -2.14	68.03 6.20 -2.24	62.17 5.71 -0.54	51.16 4.33 -3.05	37.06 3.11 -0.52	31.93 2.21 -5.12

CHESTROR_138KV_BK263 355645	28.32 1.64 -0.73	28.50 1.44 -1.26	28.03 1.29 -4.16	26.41 1.22 -3.37	26.57 1.41 0.00	31.17 1.60 0.00	40.35 1.99 0.00	40.92 2.24 0.00	32.38 2.06 0.00	28.45 1.58 0.00	24.27 1.55 0.00	28.54 1.72 -5.07	28.50 1.76 -5.03	28.79 1.73 -5.49	28.87 1.73 -5.54	31.96 1.66 -9.52	34.82 1.61 -11.75	41.83 2.82 -3.34	54.99 3.90 -2.36	66.82 4.77 -2.47	60.87 4.42 -0.52	50.08 3.28 -3.03	36.30 2.37 -0.50	31.24 1.70 -4.95
CH_MIDHUDSON___DRP 24192	28.37 1.77 -0.65	28.71 1.60 -1.31	28.30 1.38 -4.34	26.64 1.31 -3.51	26.67 1.51 0.00	31.35 1.77 0.00	40.58 2.22 0.00	41.11 2.44 0.00	32.68 2.36 0.00	28.63 1.77 0.00	24.41 1.68 0.00	28.95 1.85 -5.35	28.91 1.89 -5.31	29.24 1.88 -5.79	29.32 1.88 -5.85	32.63 1.81 -10.05	35.65 1.78 -12.41	41.23 3.14 -2.43	55.12 4.34 -2.05	67.04 5.30 -2.15	61.34 4.87 -0.54	50.52 3.68 -3.07	36.63 2.67 -0.52	31.71 1.89 -5.23
CH_MISC_IPPS 23765	28.47 1.84 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.79 1.50 -3.47	26.77 1.61 0.00	31.55 1.98 0.00	40.89 2.53 0.00	41.42 2.75 0.00	32.83 2.51 0.00	28.77 1.91 0.00	24.52 1.80 0.00	29.08 1.89 -5.44	29.04 1.93 -5.40	29.43 1.96 -5.89	29.49 1.94 -5.95	32.65 1.87 -10.00	35.65 1.85 -12.35	41.44 3.35 -2.41	55.44 4.68 -2.03	67.56 5.84 -2.13	61.84 5.37 -0.54	50.81 3.98 -3.05	36.84 2.88 -0.53	31.87 2.04 -5.23
CH_RES_BVR_FALLS 23983	25.70 -0.26 0.00	25.56 -0.23 0.00	22.35 -0.23 0.00	21.58 -0.24 0.00	24.86 -0.30 0.00	29.25 -0.32 0.00	37.94 -0.42 0.00	38.21 -0.46 0.00	29.95 -0.36 0.00	26.59 -0.27 0.00	22.48 -0.25 0.00	21.56 -0.20 0.00	21.51 -0.20 0.00	21.36 -0.22 0.00	21.38 -0.22 0.00	20.57 -0.21 0.00	21.27 -0.19 0.00	35.35 -0.32 0.00	48.34 -0.39 0.00	59.11 -0.48 0.00	55.48 -0.45 0.00	43.38 -0.39 0.00	33.10 -0.33 0.00	24.32 -0.27 0.00
CH_RES_NIAGARA 23895	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
CH_RES_SYRACUSE 23985	25.02 -0.08 0.86	25.87 -0.05 -0.12	22.95 -0.05 -0.41	22.10 -0.04 -0.33	25.18 0.03 0.00	29.60 0.03 0.00	38.43 0.08 0.00	38.86 0.19 0.00	30.53 0.21 0.00	26.97 0.11 0.00	22.77 0.05 0.00	22.22 -0.04 -0.51	22.19 -0.02 -0.50	22.15 0.02 -0.55	22.15 0.00 -0.56	21.72 0.00 -0.94	22.64 0.02 -1.16	34.53 -0.07 1.07	45.80 -0.15 2.79	57.61 -0.06 1.92	56.41 -0.17 -0.64	42.91 -0.13 0.73	33.37 -0.10 -0.03	24.99 -0.10 -0.49
CLINTON_WT_PWR 323605	25.33 -0.62 0.00	25.25 -0.54 0.00	22.08 -0.50 0.00	21.21 -0.61 0.00	24.38 -0.78 0.00	28.66 -0.92 0.00	37.24 -1.11 0.00	37.36 -1.31 0.00	29.28 -1.03 0.00	26.11 -0.75 0.00	22.02 -0.70 0.00	21.19 -0.57 0.00	21.12 -0.59 0.00	20.95 -0.63 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.74 -0.93 0.00	47.76 -0.97 0.00	58.45 -1.13 0.00	54.93 -1.01 0.00	42.90 -0.88 0.00	32.67 -0.77 0.00	23.93 -0.66 0.00
CLINTON___LFGE 323618	25.57 -0.39 0.00	25.49 -0.31 0.00	22.31 -0.27 0.00	21.42 -0.39 0.00	24.63 -0.53 0.00	29.04 -0.53 0.00	37.82 -0.54 0.00	37.86 -0.81 0.00	29.62 -0.70 0.00	26.40 -0.46 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.12 -0.45 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.11 -0.34 0.00	35.21 -0.46 0.00	48.44 -0.29 0.00	59.29 -0.30 0.00	55.65 -0.28 0.00	43.51 -0.26 0.00	33.07 -0.37 0.00	24.20 -0.39 0.00
COBBLENY_34_KV_TB1 80064	20.95 -2.18 2.83	23.96 -1.91 -0.08	21.13 -1.74 -0.29	20.39 -1.66 -0.23	23.28 -1.86 0.02	27.46 -2.10 0.02	35.61 -2.72 0.02	36.02 -2.63 0.02	28.51 -1.79 0.02	25.24 -1.61 0.01	21.14 -1.57 0.02	20.44 -1.65 -0.34	20.46 -1.58 -0.34	20.37 -1.57 -0.37	20.33 -1.64 -0.38	20.02 -1.41 -0.65	20.64 -1.63 -0.81	24.79 -2.53 8.35	36.61 -3.46 8.66	45.87 -4.41 9.30	51.64 -4.19 0.10	37.90 -3.15 2.72	31.13 -2.31 0.00	23.36 -1.55 -0.32
COFFEEN___115KV_TB3 355620	26.14 0.18 0.00	25.85 -0.03 -0.08	22.91 0.07 -0.26	22.14 0.11 -0.21	25.44 0.28 0.00	29.99 0.41 0.00	39.05 0.69 0.00	39.52 0.85 0.00	30.31 0.00 0.00	26.73 -0.13 0.00	22.43 -0.30 0.00	21.66 -0.41 -0.32	21.60 -0.43 -0.32	21.41 -0.52 -0.35	21.47 -0.48 -0.35	20.84 -0.54 -0.60	21.65 -0.56 -0.75	35.32 -0.50 -0.15	48.88 0.15 0.00	61.39 1.37 -0.43	57.62 1.12 -0.57	44.79 0.88 -0.14	34.00 0.53 -0.03	25.20 0.30 -0.31
COLDSPRG_115KV_BK1 355956	21.24 -1.66 3.05	24.37 -1.50 -0.07	21.43 -1.45 -0.29	20.54 -1.51 -0.23	23.40 -1.74 0.02	27.57 -1.98 0.02	36.23 -2.11 0.02	36.84 -1.82 0.02	28.66 -1.64 0.02	25.29 -1.56 0.01	21.42 -1.30 0.02	20.90 -1.20 -0.34	20.92 -1.13 -0.34	20.70 -1.25 -0.37	20.67 -1.30 -0.38	20.46 -0.98 -0.66	21.21 -1.07 -0.82	25.16 -1.53 8.97	37.68 -1.90 9.15	47.67 -2.32 9.60	53.53 -2.29 0.11	38.88 -2.01 2.88	31.87 -1.57 0.00	23.79 -1.11 -0.31
COLONIE_LFGE___ 323577	27.25 1.30 0.00	28.56 1.26 -1.50	28.62 1.08 -4.95	26.94 1.11 -4.01	26.39 1.23 0.00	31.05 1.48 0.00	40.31 1.96 0.00	40.57 1.89 0.00	31.68 1.37 0.00	28.01 1.15 0.00	23.77 1.05 0.00	28.81 0.87 -6.18	28.69 0.85 -6.14	29.09 0.82 -6.69	29.22 0.86 -6.76	33.00 0.85 -11.37	36.42 0.92 -14.04	40.06 1.64 -2.74	50.98 2.24 0.00	62.39 2.80 0.00	59.24 2.74 -0.57	48.62 2.19 -2.66	35.75 1.74 -0.58	31.81 1.28 -5.94
COOPERNY_115KV_TB1 80082	28.42 1.51 -0.96	28.21 1.32 -1.10	27.39 1.17 -3.63	25.87 1.11 -2.94	26.45 1.28 0.00	31.02 1.45 0.00	40.20 1.84 0.00	40.72 2.05 0.00	32.17 1.85 0.00	28.31 1.45 0.00	24.16 1.43 0.00	27.73 1.54 -4.43	27.71 1.61 -4.40	27.94 1.57 -4.79	27.99 1.55 -4.84	30.58 1.50 -8.30	33.17 1.46 -10.25	41.68 2.53 -3.48	55.17 3.31 -3.13	66.92 4.05 -3.28	60.17 3.75 -0.49	49.66 2.80 -3.09	35.91 2.04 -0.44	30.36 1.45 -4.32
COPENHAGEN_WT_PWR 323753	25.93 -0.03 0.00	25.67 -0.21 -0.08	22.76 -0.09 -0.27	21.95 -0.09 -0.22	25.21 0.05 0.00	29.69 0.12 0.00	38.36 0.00 0.00	39.02 0.35 0.00	30.10 -0.21 0.00	26.56 -0.29 0.00	22.36 -0.36 0.00	21.63 -0.46 -0.34	21.57 -0.48 -0.33	21.40 -0.54 -0.37	21.44 -0.52 -0.37	20.82 -0.58 -0.62	21.60 -0.62 -0.77	35.14 -0.68 -0.15	48.49 -0.24 0.00	60.69 0.66 -0.45	56.97 0.45 -0.59	44.27 0.35 -0.15	33.67 0.20 -0.03	24.97 0.05 -0.33
CORNELL_____ 23752	24.32 0.49 2.13	26.51 0.46 -0.25	23.87 0.43 -0.86	22.90 0.39 -0.69	25.73 0.58 0.01	30.28 0.71 0.01	39.42 1.07 0.01	39.82 1.16 0.01	31.10 0.79 0.01	27.37 0.51 0.00	23.02 0.30 0.01	22.92 0.17 -0.99	22.84 0.15 -0.98	22.82 0.17 -1.07	22.83 0.15 -1.08	22.82 0.19 -1.86	24.03 0.28 -2.30	32.77 0.57 3.47	43.05 1.07 6.75	55.25 1.61 5.95	57.64 1.40 -0.30	42.97 1.05 1.85	34.26 0.77 -0.06	26.01 0.47 -0.95

CORONA__69_KV_TB1 355595	51.63 2.34 -23.34	46.82 2.17 -18.86	43.63 1.87 -19.18	33.87 1.79 -10.26	43.41 2.06 -16.19	51.53 2.37 -19.59	52.93 2.99 -11.58	52.84 3.33 -10.85	33.16 2.85 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.48 2.52 -6.21	44.11 2.56 -19.84	45.32 2.55 -21.20	48.96 2.50 -24.86	46.78 2.41 -23.60	46.85 2.36 -23.03	50.66 4.00 -10.99	62.08 5.31 -8.03	72.40 6.55 -6.26	78.52 6.04 -16.54	62.41 4.55 -14.09	51.62 3.44 -14.74	50.52 2.46 -23.47
CORTLAND__115KV_TB3 80093	25.31 0.39 1.04	26.41 0.36 -0.26	23.77 0.34 -0.85	22.81 0.31 -0.69	25.61 0.45 0.00	30.14 0.56 0.00	39.16 0.81 0.00	39.60 0.93 0.00	30.98 0.67 0.00	27.32 0.46 0.00	23.05 0.32 0.00	22.99 0.24 -1.00	22.94 0.24 -1.00	22.92 0.26 -1.09	22.93 0.24 -1.10	22.90 0.25 -1.87	24.05 0.28 -2.31	36.66 0.54 -0.46	46.28 0.83 3.28	58.08 1.25 2.76	57.40 1.06 -0.40	43.85 0.79 0.71	34.11 0.60 -0.07	25.94 0.37 -0.97
COXSACKIE__GT 23611	28.24 1.77 -0.52	28.99 1.75 -1.44	28.58 1.24 -4.75	27.24 1.57 -3.85	26.85 1.69 0.00	31.64 2.07 0.00	40.97 2.61 0.00	40.99 2.32 0.00	31.74 1.43 0.00	27.88 1.02 0.00	23.57 0.84 0.00	28.19 0.48 -5.96	28.08 0.46 -5.91	28.48 0.45 -6.45	28.61 0.50 -6.52	32.27 0.54 -10.95	35.58 0.60 -13.52	39.85 1.53 -2.64	53.22 2.87 -1.61	65.38 4.11 -1.69	60.15 3.63 -0.58	49.26 2.36 -3.12	35.78 1.77 -0.57	31.65 1.33 -5.72
CPV_VALLEY__CC1 323721	28.25 1.50 -0.79	28.30 1.29 -1.22	27.76 1.17 -4.01	26.26 1.20 -3.25	26.45 1.28 0.00	31.08 1.51 0.00	40.31 1.96 0.00	40.84 2.16 0.00	32.23 1.91 0.00	28.34 1.48 0.00	24.23 1.50 0.00	28.34 1.59 -5.00	28.30 1.63 -4.96	28.65 1.66 -5.41	28.66 1.60 -5.47	31.51 1.54 -9.19	34.28 1.48 -11.35	41.58 2.57 -3.34	54.73 3.51 -2.48	66.48 4.29 -2.60	60.41 3.97 -0.51	49.70 2.93 -3.00	36.06 2.14 -0.48	30.96 1.55 -4.81
CPV_VALLEY__CC2 323722	28.25 1.50 -0.79	28.30 1.29 -1.22	27.76 1.17 -4.01	26.26 1.20 -3.25	26.45 1.28 0.00	31.08 1.51 0.00	40.31 1.96 0.00	40.84 2.16 0.00	32.23 1.91 0.00	28.34 1.48 0.00	24.23 1.50 0.00	28.34 1.59 -5.00	28.30 1.63 -4.96	28.65 1.66 -5.41	28.66 1.60 -5.47	31.51 1.54 -9.19	34.28 1.48 -11.35	41.58 2.57 -3.34	54.73 3.51 -2.48	66.48 4.29 -2.60	60.41 3.97 -0.51	49.70 2.93 -3.00	36.06 2.14 -0.48	30.96 1.55 -4.81
CRESCENT__HYD 24018	27.25 1.30 0.00	28.56 1.26 -1.50	28.62 1.08 -4.95	26.94 1.11 -4.01	26.39 1.23 0.00	31.05 1.48 0.00	40.31 1.96 0.00	40.57 1.89 0.00	31.68 1.37 0.00	28.01 1.15 0.00	23.77 1.05 0.00	28.81 0.87 -6.18	28.69 0.85 -6.14	29.09 0.82 -6.69	29.22 0.86 -6.76	33.00 0.85 -11.37	36.42 0.92 -14.04	40.06 1.64 -2.74	50.98 2.24 0.00	62.39 2.80 0.00	59.24 2.74 -0.57	48.62 2.19 -2.66	35.75 1.74 -0.58	31.81 1.28 -5.94
CRICKET__VALLEY_CC1 323756	28.22 1.64 -0.63	28.60 1.47 -1.33	28.25 1.26 -4.40	26.69 1.31 -3.56	26.54 1.38 0.00	31.26 1.68 0.00	40.54 2.19 0.00	41.11 2.44 0.00	32.59 2.27 0.00	28.60 1.74 0.00	24.41 1.68 0.00	29.05 1.80 -5.49	29.00 1.84 -5.45	29.40 1.88 -5.95	29.42 1.81 -6.01	32.62 1.75 -10.10	35.62 1.69 -12.47	41.03 2.93 -2.44	54.72 4.00 -1.99	66.44 4.77 -2.09	60.89 4.42 -0.54	50.24 3.42 -3.06	36.44 2.47 -0.53	31.66 1.79 -5.27
CRICKET__VALLEY_CC2 323757	28.22 1.64 -0.63	28.60 1.47 -1.33	28.25 1.26 -4.40	26.69 1.31 -3.56	26.54 1.38 0.00	31.26 1.68 0.00	40.54 2.19 0.00	41.11 2.44 0.00	32.59 2.27 0.00	28.60 1.74 0.00	24.41 1.68 0.00	29.05 1.80 -5.49	29.00 1.84 -5.45	29.40 1.88 -5.95	29.42 1.81 -6.01	32.62 1.75 -10.10	35.62 1.69 -12.47	41.03 2.93 -2.44	54.72 4.00 -1.99	66.44 4.77 -2.09	60.89 4.42 -0.54	50.24 3.42 -3.06	36.44 2.47 -0.53	31.66 1.79 -5.27
CRICKET__VALLEY_CC3 323758	28.22 1.64 -0.63	28.60 1.47 -1.33	28.25 1.26 -4.40	26.69 1.31 -3.56	26.54 1.38 0.00	31.26 1.68 0.00	40.54 2.19 0.00	41.11 2.44 0.00	32.59 2.27 0.00	28.60 1.74 0.00	24.41 1.68 0.00	29.05 1.80 -5.49	29.00 1.84 -5.45	29.40 1.88 -5.95	29.42 1.81 -6.01	32.62 1.75 -10.10	35.62 1.69 -12.47	41.03 2.93 -2.44	54.72 4.00 -1.99	66.44 4.77 -2.09	60.89 4.42 -0.54	50.24 3.42 -3.06	36.44 2.47 -0.53	31.66 1.79 -5.27
CRUCIBLE__METL_DRP 24180	25.02 -0.08 0.86	25.84 -0.08 -0.12	22.95 -0.05 -0.41	22.10 -0.04 -0.33	25.18 0.03 0.00	29.63 0.06 0.00	38.51 0.15 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.77 0.05 0.00	22.21 -0.04 -0.50	22.18 -0.02 -0.50	22.14 0.02 -0.54	22.14 0.00 -0.55	21.71 0.00 -0.93	22.63 0.02 -1.15	34.53 -0.07 1.07	45.82 -0.15 2.77	57.63 -0.06 1.90	56.41 -0.17 -0.64	42.91 -0.13 0.73	33.40 -0.07 -0.03	24.98 -0.10 -0.48
DAHOWA__HYDRO 323763	27.57 1.61 0.00	28.94 1.63 -1.52	28.99 1.40 -5.01	27.31 1.44 -4.05	26.77 1.61 0.00	31.59 2.01 0.00	41.08 2.72 0.00	41.11 2.44 0.00	31.95 1.64 0.00	28.23 1.37 0.00	23.93 1.20 0.00	29.00 1.00 -6.24	28.86 0.95 -6.20	29.24 0.91 -6.76	29.33 0.91 -6.83	33.21 0.96 -11.48	36.64 1.01 -14.17	40.33 1.89 -2.77	51.51 2.78 0.00	63.40 3.82 0.00	60.37 3.86 -0.58	49.39 2.93 -2.69	36.23 2.21 -0.59	32.18 1.58 -6.01
DANC__LFGE 323619	25.26 -0.18 0.51	25.60 -0.28 -0.09	22.71 -0.18 -0.31	21.89 -0.18 -0.25	25.09 -0.08 0.00	29.48 -0.09 0.00	38.13 -0.23 0.00	38.75 0.08 0.00	30.07 -0.24 0.00	26.54 -0.32 0.00	22.41 -0.32 0.00	21.72 -0.41 -0.39	21.68 -0.41 -0.38	21.56 -0.43 -0.42	21.58 -0.43 -0.42	21.01 -0.48 -0.71	21.82 -0.52 -0.88	35.16 -0.68 -0.17	46.50 -0.54 1.70	58.36 0.00 1.23	56.57 -0.06 -0.69	43.30 -0.04 0.43	33.39 -0.07 -0.02	24.87 -0.10 -0.37
DANSKAMMER__1 23586	28.47 1.84 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.79 1.50 -3.47	26.77 1.61 0.00	31.55 1.98 0.00	40.89 2.53 0.00	41.42 2.75 0.00	32.83 2.51 0.00	28.77 1.91 0.00	24.52 1.80 0.00	29.08 1.89 -5.44	29.04 1.93 -5.40	29.43 1.96 -5.89	29.49 1.94 -5.95	32.65 1.87 -10.00	35.65 1.85 -12.35	41.44 3.35 -2.41	55.44 4.68 -2.03	67.56 5.84 -2.13	61.84 5.37 -0.54	50.81 3.98 -3.05	36.84 2.88 -0.53	31.87 2.04 -5.23
DANSKAMMER__2 23589	28.47 1.84 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.79 1.50 -3.47	26.77 1.61 0.00	31.55 1.98 0.00	40.89 2.53 0.00	41.42 2.75 0.00	32.83 2.51 0.00	28.77 1.91 0.00	24.52 1.80 0.00	29.08 1.89 -5.44	29.04 1.93 -5.40	29.43 1.96 -5.89	29.49 1.94 -5.95	32.65 1.87 -10.00	35.65 1.85 -12.35	41.44 3.35 -2.41	55.44 4.68 -2.03	67.56 5.84 -2.13	61.84 5.37 -0.54	50.81 3.98 -3.05	36.84 2.88 -0.53	31.87 2.04 -5.23
DANSKAMMER__3 23590	28.47 1.84 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.79 1.50 -3.47	26.77 1.61 0.00	31.55 1.98 0.00	40.89 2.53 0.00	41.42 2.75 0.00	32.83 2.51 0.00	28.77 1.91 0.00	24.52 1.80 0.00	29.08 1.89 -5.44	29.04 1.93 -5.40	29.43 1.96 -5.89	29.49 1.94 -5.95	32.65 1.87 -10.00	35.65 1.85 -12.35	41.44 3.35 -2.41	55.44 4.68 -2.03	67.56 5.84 -2.13	61.84 5.37 -0.54	50.81 3.98 -3.05	36.84 2.88 -0.53	31.87 2.04 -5.23

DANSKAMMER___4 23591	28.47 1.84 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.79 1.50 -3.47	26.77 1.61 0.00	31.55 1.98 0.00	40.89 2.53 0.00	41.42 2.75 0.00	32.83 2.51 0.00	28.77 1.91 0.00	24.52 1.80 0.00	29.08 1.89 -5.44	29.04 1.93 -5.40	29.43 1.96 -5.89	29.49 1.94 -5.95	32.65 1.87 -10.00	35.65 1.85 -12.35	41.44 3.35 -2.41	55.44 4.68 -2.03	67.56 5.84 -2.13	61.84 5.37 -0.54	50.81 3.98 -3.05	36.84 2.88 -0.53	31.87 2.04 -5.23
DANSKAMMER___DIESEL 23592	28.47 1.84 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.69 1.40 -3.47	26.77 1.61 0.00	31.47 1.89 0.00	40.70 2.34 0.00	41.22 2.55 0.00	32.80 2.49 0.00	28.71 1.85 0.00	24.48 1.75 0.00	28.97 1.89 -5.32	28.92 1.93 -5.28	29.26 1.92 -5.76	29.36 1.94 -5.82	32.65 1.87 -10.00	35.65 1.85 -12.35	41.44 3.35 -2.41	55.49 4.68 -2.08	67.61 5.84 -2.18	61.79 5.31 -0.54	50.82 3.98 -3.07	36.83 2.88 -0.52	31.84 2.04 -5.20
DARBY___SOLAR 323810	27.51 1.56 0.00	28.86 1.55 -1.51	28.91 1.33 -5.00	27.22 1.35 -4.05	26.70 1.53 0.00	31.47 1.89 0.00	40.93 2.57 0.00	40.99 2.32 0.00	31.89 1.58 0.00	28.18 1.32 0.00	23.89 1.16 0.00	28.94 0.96 -6.24	28.81 0.91 -6.19	29.19 0.86 -6.75	29.28 0.86 -6.82	33.15 0.91 -11.46	36.58 0.97 -14.15	40.26 1.82 -2.77	51.41 2.68 0.00	63.22 3.64 0.00	60.09 3.58 -0.57	49.21 2.76 -2.68	36.13 2.11 -0.58	32.09 1.50 -6.00
DASHVILLE___HYD 23610	28.35 1.74 -0.65	28.35 1.24 -1.32	28.02 1.08 -4.35	26.34 1.00 -3.52	26.67 1.51 0.00	31.35 1.77 0.00	40.54 2.19 0.00	41.03 2.36 0.00	32.44 2.12 0.00	28.44 1.58 0.00	24.23 1.50 0.00	28.61 1.46 -5.40	28.56 1.50 -5.36	28.88 1.47 -5.84	28.99 1.49 -5.90	32.31 1.43 -10.10	35.34 1.42 -12.47	40.71 2.60 -2.44	54.89 4.09 -2.06	66.87 5.12 -2.16	60.62 4.14 -0.55	49.89 3.02 -3.09	36.14 2.17 -0.53	31.35 1.50 -5.25
DELAWARE___LFGE 323621	28.76 1.06 -1.74	27.42 0.95 -0.67	25.62 0.86 -2.18	24.42 0.83 -1.77	26.15 0.98 -0.01	30.73 1.15 -0.01	41.59 3.22 -0.01	42.04 3.36 -0.01	32.54 2.21 -0.01	28.75 1.88 -0.01	24.08 1.34 -0.01	24.40 1.15 -1.50	24.32 1.13 -1.49	24.23 1.04 -1.62	24.29 1.06 -1.64	24.55 0.98 -2.80	25.94 1.03 -3.45	43.59 2.18 -5.75	59.27 2.34 -8.19	71.61 2.98 -9.04	59.24 2.74 -0.57	49.80 2.10 -3.93	35.16 1.54 -0.18	27.04 1.08 -1.37
DERFIELD_115KV_TB7 355931	26.14 0.18 0.00	25.95 0.15 0.00	22.72 0.14 0.00	21.95 0.13 0.00	25.31 0.15 0.00	29.75 0.18 0.00	38.59 0.23 0.00	38.90 0.23 0.00	30.47 0.15 0.00	26.99 0.13 0.00	22.84 0.11 0.00	21.86 0.11 0.00	21.82 0.11 0.00	21.68 0.11 0.00	21.70 0.11 0.00	20.88 0.10 0.00	21.57 0.11 0.00	35.88 0.21 0.00	49.03 0.29 0.00	60.00 0.42 0.00	56.27 0.34 0.00	44.03 0.26 0.00	33.64 0.20 0.00	24.74 0.15 0.00
DOGLEVILLE___HYD 23807	25.70 -0.26 0.00	25.46 -0.34 0.00	22.26 -0.32 0.00	21.42 -0.39 0.00	24.71 -0.45 0.00	29.04 -0.53 0.00	37.63 -0.73 0.00	37.94 -0.73 0.00	29.59 -0.73 0.00	26.27 -0.59 0.00	22.27 -0.45 0.00	21.27 -0.48 0.00	21.01 -0.69 0.00	20.88 -0.69 0.00	20.90 -0.69 0.00	20.14 -0.64 0.00	20.86 -0.60 0.00	34.92 -0.75 0.00	48.05 -0.68 0.00	59.05 -0.54 0.00	55.26 -0.67 0.00	43.07 -0.70 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
DUNKIRK___115KV_TB_200 55889	20.93 -2.21 2.82	23.96 -1.91 -0.08	21.16 -1.72 -0.29	20.41 -1.64 -0.23	23.31 -1.84 0.02	27.49 -2.07 0.02	35.73 -2.61 0.02	36.06 -2.59 0.02	28.57 -1.73 0.02	25.29 -1.56 0.01	21.21 -1.50 0.02	20.49 -1.61 -0.34	20.49 -1.56 -0.34	20.37 -1.57 -0.37	20.35 -1.62 -0.38	20.00 -1.43 -0.65	20.66 -1.61 -0.81	24.84 -2.50 8.33	36.77 -3.31 8.65	46.12 -4.17 9.29	51.86 -3.97 0.10	37.94 -3.11 2.72	31.13 -2.31 0.00	23.34 -1.57 -0.32
DUNKIRK___1 23563	20.93 -2.21 2.82	23.96 -1.91 -0.08	21.16 -1.72 -0.29	20.41 -1.64 -0.23	23.31 -1.84 0.02	27.49 -2.07 0.02	35.73 -2.61 0.02	36.06 -2.59 0.02	28.57 -1.73 0.02	25.29 -1.56 0.01	21.21 -1.50 0.02	20.49 -1.61 -0.34	20.49 -1.56 -0.34	20.37 -1.57 -0.37	20.35 -1.62 -0.38	20.00 -1.43 -0.65	20.66 -1.61 -0.81	24.84 -2.50 8.33	36.77 -3.31 8.65	46.12 -4.17 9.29	51.86 -3.97 0.10	37.94 -3.11 2.72	31.13 -2.31 0.00	23.34 -1.57 -0.32
DUNKIRK___2 23564	20.93 -2.21 2.82	23.96 -1.91 -0.08	21.16 -1.72 -0.29	20.41 -1.64 -0.23	23.31 -1.84 0.02	27.49 -2.07 0.02	35.73 -2.61 0.02	36.06 -2.59 0.02	28.57 -1.73 0.02	25.29 -1.56 0.01	21.21 -1.50 0.02	20.49 -1.61 -0.34	20.49 -1.56 -0.34	20.37 -1.57 -0.37	20.35 -1.62 -0.38	20.00 -1.43 -0.65	20.66 -1.61 -0.81	24.84 -2.50 8.33	36.77 -3.31 8.65	46.12 -4.17 9.29	51.86 -3.97 0.10	37.94 -3.11 2.72	31.13 -2.31 0.00	23.34 -1.57 -0.32
DUNKIRK___3 23565	21.01 -2.15 2.80	23.99 -1.88 -0.08	21.16 -1.72 -0.29	20.41 -1.64 -0.23	23.33 -1.81 0.02	27.49 -2.07 0.02	35.69 -2.65 0.02	36.06 -2.59 0.02	28.54 -1.76 0.02	25.24 -1.61 0.01	21.19 -1.52 0.02	20.46 -1.63 -0.34	20.49 -1.56 -0.34	20.37 -1.57 -0.37	20.35 -1.62 -0.38	20.00 -1.43 -0.65	20.64 -1.63 -0.81	24.88 -2.50 8.29	36.75 -3.36 8.63	46.09 -4.23 9.27	51.75 -4.08 0.10	37.95 -3.11 2.71	31.10 -2.34 0.00	23.34 -1.57 -0.32
DUNKIRK___4 23566	21.01 -2.15 2.80	23.99 -1.88 -0.08	21.16 -1.72 -0.29	20.41 -1.64 -0.23	23.33 -1.81 0.02	27.49 -2.07 0.02	35.69 -2.65 0.02	36.06 -2.59 0.02	28.54 -1.76 0.02	25.24 -1.61 0.01	21.19 -1.52 0.02	20.46 -1.63 -0.34	20.49 -1.56 -0.34	20.37 -1.57 -0.37	20.35 -1.62 -0.38	20.00 -1.43 -0.65	20.64 -1.63 -0.81	24.88 -2.50 8.29	36.75 -3.36 8.63	46.09 -4.23 9.27	51.75 -4.08 0.10	37.95 -3.11 2.71	31.10 -2.34 0.00	23.34 -1.57 -0.32
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.54 1.92 -0.67	28.82 1.73 -1.30	28.37 1.49 -4.30	26.71 1.42 -3.48	26.80 1.64 0.00	31.47 1.89 0.00	40.70 2.34 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.85 1.99 0.00	24.64 1.91 0.00	29.17 2.18 -5.24	29.12 2.21 -5.20	29.45 2.20 -5.67	29.51 2.18 -5.73	32.71 2.08 -9.85	35.64 2.02 -12.17	41.47 3.42 -2.38	55.60 4.73 -2.14	67.49 5.66 -2.24	61.73 5.26 -0.54	50.76 3.94 -3.05	36.83 2.88 -0.52	31.76 2.04 -5.12
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.39 1.74 -0.70	28.63 1.55 -1.29	28.21 1.38 -4.25	26.55 1.29 -3.44	26.67 1.51 0.00	31.32 1.74 0.00	40.54 2.19 0.00	41.07 2.40 0.00	32.80 2.49 0.00	28.69 1.83 0.00	24.45 1.73 0.00	28.93 1.87 -5.31	28.88 1.91 -5.27	29.19 1.88 -5.74	29.30 1.90 -5.80	32.59 1.85 -9.96	35.59 1.82 -12.30	41.39 3.32 -2.41	55.52 4.68 -2.10	67.69 5.90 -2.21	61.84 5.37 -0.54	50.83 3.98 -3.07	36.83 2.88 -0.52	31.84 2.02 -5.23
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.73 2.10 -0.67	29.01 1.91 -1.31	28.55 1.67 -4.30	26.89 1.59 -3.48	27.01 1.84 -0.01	31.70 2.13 0.00	40.81 2.45 0.00	41.61 2.94 0.00	32.95 2.64 0.00	29.02 2.15 -0.01	24.78 2.05 -0.01	29.42 2.41 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.73 2.40 -5.74	32.93 2.29 -9.86	35.86 2.23 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.55 5.72 -2.24	61.67 5.20 -0.54	51.07 4.25 -3.05	37.09 3.14 -0.52	32.05 2.34 -5.12

E179THST_13_KV_LOAD 356214	28.84 2.21 -0.67	29.12 2.01 -1.31	28.64 1.76 -4.30	26.98 1.68 -3.48	27.08 1.91 -0.01	31.82 2.25 0.00	40.96 2.61 0.00	41.77 3.09 0.00	33.07 2.76 0.00	29.12 2.26 -0.01	24.87 2.14 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.76 3.71 -2.38	55.99 5.12 -2.14	67.79 5.96 -2.24	61.95 5.48 -0.54	51.24 4.42 -3.05	37.23 3.28 -0.52	32.15 2.43 -5.12
EAST HAMPTON___GT 23717	51.40 2.10 -23.34	46.48 1.83 -18.86	43.38 1.63 -19.18	33.72 1.64 -10.26	43.06 1.71 -16.19	51.26 2.10 -19.59	52.51 2.57 -11.58	52.34 2.82 -10.85	32.28 1.97 0.00	28.23 1.37 0.00	24.39 1.66 0.00	30.06 1.98 -6.33	43.67 2.00 -19.96	44.86 1.96 -21.33	48.50 1.92 -24.99	46.20 1.83 -23.59	46.29 1.80 -23.03	49.69 3.03 -10.99	58.18 4.48 -4.97	69.35 5.60 -4.16	69.43 5.20 -8.29	56.01 3.85 -8.39	50.78 2.68 -14.67	49.93 1.85 -23.49
EAST RIVER___6 23660	28.70 2.08 -0.67	28.98 1.88 -1.30	28.50 1.63 -4.29	26.95 1.66 -3.48	26.92 1.76 0.00	33.22 2.19 -1.46	43.02 2.84 -1.83	43.81 3.29 -1.86	34.71 2.88 -1.51	30.58 2.36 -1.35	26.16 2.25 -1.18	29.63 2.52 -5.36	29.61 2.58 -5.32	29.99 2.61 -5.80	29.94 2.48 -5.86	33.04 2.41 -9.85	35.94 2.32 -12.16	41.94 3.89 -2.38	56.16 5.31 -2.11	68.18 6.38 -2.21	62.34 5.87 -0.53	51.28 4.47 -3.04	37.09 3.14 -0.52	32.00 2.26 -5.14
EAST RIVER___7 23524	28.70 2.08 -0.67	28.98 1.88 -1.30	28.50 1.63 -4.29	26.95 1.66 -3.48	26.92 1.76 0.00	33.22 2.19 -1.46	43.02 2.84 -1.83	43.81 3.29 -1.86	34.71 2.88 -1.51	30.58 2.36 -1.35	26.16 2.25 -1.18	29.63 2.52 -5.36	29.61 2.58 -5.32	29.99 2.61 -5.80	29.94 2.48 -5.86	33.04 2.41 -9.85	35.94 2.32 -12.16	41.94 3.89 -2.38	56.16 5.31 -2.11	68.18 6.38 -2.21	62.34 5.87 -0.53	51.28 4.47 -3.04	37.09 3.14 -0.52	32.00 2.26 -5.14
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.49 1.87 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.69 1.40 -3.47	26.75 1.59 0.00	31.41 1.83 0.00	40.66 2.30 0.00	41.30 2.63 0.00	32.80 2.49 0.00	28.79 1.93 0.00	24.59 1.86 0.00	29.14 2.11 -5.28	29.10 2.15 -5.24	29.43 2.14 -5.71	29.49 2.12 -5.78	32.63 2.02 -9.84	35.56 1.95 -12.15	41.40 3.35 -2.38	55.51 4.63 -2.15	67.38 5.54 -2.25	61.61 5.15 -0.53	50.67 3.85 -3.05	36.76 2.81 -0.52	31.70 1.99 -5.12
EAST_HAMPTON___DIESEL 23722	51.37 2.08 -23.34	46.46 1.81 -18.86	43.36 1.60 -19.18	33.69 1.61 -10.26	43.01 1.66 -16.19	51.20 2.04 -19.59	52.43 2.49 -11.58	52.30 2.79 -10.85	32.23 1.91 0.00	28.18 1.32 0.00	24.34 1.61 0.00	30.01 1.94 -6.33	43.62 1.95 -19.96	44.84 1.94 -21.33	48.46 1.88 -24.99	46.16 1.79 -23.59	46.25 1.76 -23.03	49.62 2.96 -10.99	58.09 4.39 -4.97	69.23 5.48 -4.16	69.31 5.09 -8.29	55.92 3.76 -8.39	50.72 2.61 -14.67	49.88 1.79 -23.49
EAST_POINT___SOLAR 323840	28.46 1.89 -0.61	29.35 1.91 -1.65	29.66 1.65 -5.44	27.90 1.68 -4.40	27.12 1.96 0.00	32.14 2.57 0.00	41.69 3.34 0.00	40.84 2.16 0.00	31.47 1.15 0.00	27.40 0.54 0.00	22.75 0.02 0.00	28.29 -0.13 -6.66	28.17 -0.15 -6.61	28.55 -0.24 -7.21	28.54 -0.35 -7.29	32.78 -0.25 -12.25	36.43 -0.15 -15.12	40.38 0.50 -4.21	52.64 1.95 -1.95	66.16 4.53 -2.05	61.57 4.98 -0.66	51.17 3.81 -3.59	36.79 2.71 -0.65	32.96 1.87 -6.50
EAST_PULASKI___ESR 323781	25.09 -0.28 0.58	25.59 -0.31 -0.10	22.68 -0.25 -0.34	21.86 -0.24 -0.28	24.99 -0.17 0.00	29.37 -0.21 0.00	38.01 -0.35 0.00	38.52 -0.15 0.00	30.10 -0.21 0.00	26.56 -0.29 0.00	22.46 -0.27 0.00	21.83 -0.35 -0.43	21.79 -0.35 -0.43	21.72 -0.32 -0.46	21.72 -0.35 -0.47	21.22 -0.35 -0.79	22.05 -0.39 -0.98	35.25 -0.61 -0.19	46.11 -0.73 1.90	57.81 -0.54 1.24	56.38 -0.50 -0.95	42.90 -0.39 0.48	33.16 -0.30 -0.03	24.76 -0.25 -0.42
EAST_RIVER___1 323558	28.59 1.97 -0.67	28.87 1.78 -1.30	28.41 1.54 -4.29	26.87 1.57 -3.48	26.82 1.66 0.00	33.10 2.07 -1.46	42.83 2.64 -1.83	43.58 3.05 -1.86	34.52 2.70 -1.51	30.39 2.17 -1.35	26.00 2.09 -1.18	29.50 2.39 -5.36	29.46 2.43 -5.32	29.83 2.46 -5.80	29.81 2.35 -5.86	32.89 2.27 -9.85	35.79 2.17 -12.16	41.69 3.64 -2.38	55.87 5.02 -2.11	67.76 5.96 -2.21	62.01 5.54 -0.53	51.02 4.20 -3.04	36.93 2.97 -0.52	31.90 2.16 -5.14
EAST_RIVER___2 323559	28.70 2.08 -0.67	28.98 1.88 -1.30	28.50 1.63 -4.29	26.95 1.66 -3.48	26.92 1.76 0.00	33.22 2.19 -1.46	43.02 2.84 -1.83	43.81 3.29 -1.86	34.71 2.88 -1.51	30.58 2.36 -1.35	26.16 2.25 -1.18	29.63 2.52 -5.36	29.61 2.58 -5.32	29.99 2.61 -5.80	29.94 2.48 -5.86	33.04 2.41 -9.85	35.94 2.32 -12.16	41.94 3.89 -2.38	56.16 5.31 -2.11	68.18 6.38 -2.21	62.34 5.87 -0.53	51.28 4.47 -3.04	37.09 3.14 -0.52	32.00 2.26 -5.14
EAST___DELAWARE_HYD 23607	28.66 1.89 -0.81	28.72 1.70 -1.22	28.10 1.49 -4.03	26.61 1.53 -3.27	26.80 1.63 0.00	31.61 2.04 0.00	41.00 2.64 0.00	41.54 2.86 0.00	32.74 2.43 0.00	28.71 1.85 0.00	24.46 1.73 0.00	28.63 1.80 -5.08	28.57 1.82 -5.04	28.93 1.86 -5.49	28.98 1.83 -5.55	31.90 1.79 -9.33	34.74 1.76 -11.52	42.42 3.28 -3.47	55.60 4.58 -2.29	67.83 5.84 -2.40	61.77 5.32 -0.52	50.74 3.94 -3.03	36.71 2.77 -0.50	31.58 1.97 -5.02
EIGHT_POINT___WT_PWR 323820	19.66 -2.13 4.17	23.93 -1.94 -0.07	21.11 -1.76 -0.29	20.35 -1.70 -0.23	23.30 -1.84 0.03	27.54 -2.01 0.02	35.49 -2.84 0.03	35.36 -3.29 0.03	27.90 -2.40 0.02	24.51 -2.34 0.01	20.48 -2.23 0.02	19.71 -2.39 -0.35	19.71 -2.34 -0.35	19.69 -2.27 -0.38	19.63 -2.35 -0.39	19.53 -1.93 -0.68	20.33 -1.97 -0.85	20.01 -2.92 12.74	31.00 -3.51 14.22	42.07 -4.05 13.47	51.89 -3.97 0.07	35.87 -3.33 4.57	30.68 -2.74 0.02	22.94 -1.99 -0.34
ELBRIDGE_115KV_TB2 80188	24.74 -0.26 0.95	25.71 -0.21 -0.13	22.82 -0.18 -0.43	22.01 -0.15 -0.34	25.06 -0.10 0.00	29.48 -0.09 0.00	38.28 -0.08 0.00	38.63 -0.04 0.00	30.34 0.03 0.00	26.78 -0.08 0.00	22.61 -0.11 0.00	22.07 -0.20 -0.51	22.02 -0.20 -0.51	21.98 -0.15 -0.56	21.98 -0.17 -0.56	21.57 -0.17 -0.96	22.49 -0.15 -1.19	34.04 -0.32 1.31	45.14 -0.54 3.06	57.01 -0.54 2.04	56.03 -0.56 -0.65	42.52 -0.44 0.81	33.17 -0.30 -0.03	24.84 -0.25 -0.50
ELEC_TRO_TEK 24086	51.53 2.23 -23.34	46.72 2.06 -18.86	43.54 1.78 -19.18	33.78 1.70 -10.26	43.31 1.96 -16.19	51.44 2.28 -19.59	52.77 2.84 -11.58	52.73 3.21 -10.85	33.04 2.73 0.00	28.95 2.10 0.00	24.91 2.18 0.00	30.40 2.44 -6.21	44.05 2.50 -19.84	45.25 2.48 -21.20	48.89 2.44 -24.86	46.72 2.35 -23.60	46.79 2.30 -23.03	50.51 3.85 -10.99	61.01 5.17 -7.11	71.47 6.26 -5.63	75.78 5.82 -14.03	60.50 4.38 -12.35	51.43 3.28 -14.72	50.45 2.39 -23.47
ELLENBURG_WT_PWR 323604	25.33 -0.62 0.00	25.25 -0.54 0.00	22.08 -0.50 0.00	21.21 -0.61 0.00	24.38 -0.78 0.00	28.66 -0.92 0.00	37.24 -1.11 0.00	37.36 -1.31 0.00	29.28 -1.03 0.00	26.11 -0.75 0.00	22.02 -0.70 0.00	21.19 -0.57 0.00	21.12 -0.59 0.00	20.95 -0.63 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.74 -0.93 0.00	47.76 -0.97 0.00	58.45 -1.13 0.00	54.93 -1.01 0.00	42.90 -0.88 0.00	32.67 -0.77 0.00	23.93 -0.66 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.87 -2.47 2.62	23.70 -2.17 -0.08	20.95 -1.92 -0.29	20.28 -1.77 -0.23	23.18 -1.96 0.02	27.34 -2.22 0.01	35.27 -3.07 0.02	35.60 -3.06 0.02	28.39 -1.91 0.01	25.19 -1.67 0.01	21.01 -1.70 0.01	20.23 -1.87 -0.35	20.25 -1.80 -0.34	20.20 -1.75 -0.37	20.16 -1.81 -0.38	19.74 -1.68 -0.65	20.33 -1.93 -0.80	25.04 -3.03 7.60	36.42 -4.24 8.07	45.40 -5.42 8.76	50.69 -5.15 0.09	37.47 -3.76 2.53	30.66 -2.78 0.00	23.07 -1.84 -0.32
EMPIRE_CC_1 323656	27.73 1.27 -0.50	28.47 1.24 -1.44	28.40 1.06 -4.76	26.76 1.09 -3.85	26.37 1.21 0.00	30.96 1.39 0.00	40.12 1.77 0.00	40.45 1.78 0.00	31.59 1.27 0.00	27.99 1.13 0.00	23.75 1.02 0.00	28.56 0.85 -5.96	28.46 0.85 -5.91	28.86 0.84 -6.45	28.99 0.89 -6.51	32.56 0.83 -10.95	35.88 0.90 -13.52	39.88 1.57 -2.64	52.42 2.09 -1.60	63.82 2.56 -1.67	58.97 2.46 -0.58	48.90 2.01 -3.11	35.64 1.64 -0.57	31.56 1.25 -5.71
EMPIRE_CC_2 323658	27.73 1.27 -0.50	28.47 1.24 -1.44	28.40 1.06 -4.76	26.76 1.09 -3.85	26.37 1.21 0.00	30.96 1.39 0.00	40.12 1.77 0.00	40.45 1.78 0.00	31.59 1.27 0.00	27.99 1.13 0.00	23.75 1.02 0.00	28.56 0.85 -5.96	28.46 0.85 -5.91	28.86 0.84 -6.45	28.99 0.89 -6.51	32.56 0.83 -10.95	35.88 0.90 -13.52	39.88 1.57 -2.64	52.42 2.09 -1.60	63.82 2.56 -1.67	58.97 2.46 -0.58	48.90 2.01 -3.11	35.64 1.64 -0.57	31.56 1.25 -5.71
ENORWICH_115KV_TB1 80156	28.16 1.38 -0.83	27.45 1.13 -0.52	25.36 1.06 -1.72	24.21 1.00 -1.39	26.50 1.33 0.00	31.23 1.66 0.00	41.05 2.68 -0.01	41.58 2.90 0.00	32.11 1.79 0.00	28.29 1.42 0.00	23.64 0.91 0.00	24.23 0.72 -1.76	24.15 0.69 -1.75	24.11 0.63 -1.91	24.17 0.65 -1.93	24.70 0.62 -3.29	26.27 0.75 -4.06	40.73 1.89 -3.17	55.12 2.97 -3.41	68.20 4.35 -4.27	60.10 3.69 -0.48	48.38 2.67 -1.94	35.39 1.77 -0.18	27.41 1.13 -1.69
ERIE_ST__34_KV_TB1-2 80199	21.48 -1.74 2.74	24.32 -1.55 -0.08	21.31 -1.56 -0.29	20.50 -1.55 -0.23	23.38 -1.76 0.02	27.49 -2.07 0.02	35.77 -2.57 0.02	36.41 -2.24 0.02	28.33 -1.97 0.02	25.05 -1.80 0.01	21.19 -1.52 0.02	20.68 -1.41 -0.34	20.70 -1.35 -0.34	20.55 -1.40 -0.37	20.55 -1.43 -0.38	20.35 -1.08 -0.65	21.00 -1.27 -0.81	25.66 -1.93 8.08	37.66 -2.63 8.44	47.03 -3.46 9.11	52.54 -3.30 0.10	38.71 -2.41 2.65	31.60 -1.84 0.00	23.66 -1.25 -0.32
ERIE_WT_PWR 323693	20.94 -2.31 2.70	23.91 -1.96 -0.08	21.04 -1.83 -0.29	20.30 -1.75 -0.23	23.23 -1.91 0.02	27.31 -2.25 0.02	35.31 -3.03 0.02	35.60 -3.06 0.02	28.42 -1.88 0.02	25.13 -1.72 0.01	21.03 -1.68 0.02	20.35 -1.76 -0.36	20.35 -1.72 -0.35	20.28 -1.68 -0.39	20.26 -1.73 -0.39	19.89 -1.56 -0.67	20.53 -1.76 -0.83	24.99 -2.75 7.93	36.55 -3.80 8.39	45.65 -4.88 9.06	51.25 -4.59 0.10	37.72 -3.41 2.63	30.87 -2.57 0.00	23.26 -1.67 -0.34
ESPRGFLD_115KV_TB1 80157	28.38 1.45 -0.97	27.28 1.37 -0.12	24.20 1.22 -0.40	23.32 1.18 -0.32	26.60 1.43 0.00	31.41 1.83 0.00	41.74 3.38 -0.01	41.89 3.21 0.00	32.32 2.00 0.00	28.45 1.58 0.00	23.78 1.05 0.00	22.55 0.85 0.05	22.48 0.82 0.05	22.25 0.73 0.06	22.23 0.69 0.06	21.36 0.66 0.09	22.10 0.75 0.11	39.99 1.82 -2.50	55.65 2.63 -4.28	68.07 3.99 -4.49	59.91 3.86 -0.12	48.41 2.98 -1.66	35.56 2.11 -0.02	25.96 1.45 0.08
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.64 0.47 1.79	26.53 0.46 -0.27	23.90 0.41 -0.91	22.95 0.39 -0.74	25.71 0.55 0.01	30.25 0.68 0.00	39.39 1.04 0.01	39.79 1.12 0.01	31.07 0.76 0.00	27.34 0.48 0.00	23.04 0.32 0.00	23.00 0.20 -1.05	22.93 0.17 -1.05	22.91 0.19 -1.14	22.92 0.17 -1.15	22.94 0.19 -1.97	24.18 0.28 -2.44	33.94 0.57 2.30	44.13 1.02 5.63	56.27 1.55 4.87	57.62 1.34 -0.34	43.32 1.01 1.45	34.24 0.74 -0.07	26.05 0.44 -1.01
ETNA_____115KV_TB2 80207	24.64 0.47 1.79	26.53 0.46 -0.27	23.90 0.41 -0.91	22.95 0.39 -0.74	25.71 0.55 0.01	30.25 0.68 0.00	39.39 1.04 0.01	39.79 1.12 0.01	31.07 0.76 0.00	27.34 0.48 0.00	23.04 0.32 0.00	23.00 0.20 -1.05	22.93 0.17 -1.05	22.91 0.19 -1.14	22.92 0.17 -1.15	22.94 0.19 -1.97	24.18 0.28 -2.44	33.94 0.57 2.30	44.13 1.02 5.63	56.27 1.55 4.87	57.62 1.34 -0.34	43.32 1.01 1.45	34.24 0.74 -0.07	26.05 0.44 -1.01
EUCLID___115KV_TB2 356179	24.90 -0.39 0.66	25.55 -0.36 -0.12	22.68 -0.29 -0.39	21.85 -0.28 -0.32	24.91 -0.25 0.00	29.31 -0.27 0.00	38.01 -0.35 0.00	38.60 -0.08 0.00	30.31 0.00 0.00	26.78 -0.08 0.00	22.61 -0.11 0.00	22.04 -0.20 -0.49	22.02 -0.17 -0.48	21.97 -0.13 -0.53	21.98 -0.15 -0.53	21.54 -0.15 -0.91	22.43 -0.15 -1.12	35.53 -0.36 -0.22	46.01 -0.54 2.19	57.24 -0.60 1.75	55.75 -0.62 -0.43	42.74 -0.48 0.55	33.13 -0.33 -0.03	24.80 -0.27 -0.47
E_CANADA_CAP_HY 24051	28.40 1.74 -0.70	29.23 1.70 -1.73	29.76 1.47 -5.71	27.94 1.50 -4.62	26.90 1.73 0.00	31.82 2.25 0.00	41.66 3.30 0.00	41.42 2.75 0.00	31.98 1.67 0.00	28.02 1.15 0.00	23.44 0.71 0.00	29.14 0.52 -6.87	29.00 0.48 -6.81	29.42 0.41 -7.43	29.41 0.30 -7.51	33.75 0.35 -12.62	37.49 0.45 -15.58	41.62 1.32 -4.63	53.54 2.53 -2.27	66.27 4.29 -2.38	60.99 4.37 -0.69	51.01 3.42 -3.83	36.55 2.44 -0.68	33.11 1.70 -6.82
E_CANADA_MHWK_HY 24050	25.70 -0.26 0.00	25.46 -0.34 0.00	22.26 -0.32 0.00	21.42 -0.39 0.00	24.71 -0.45 0.00	29.04 -0.53 0.00	37.59 -0.77 0.00	37.94 -0.74 0.00	29.59 -0.73 0.00	26.27 -0.59 0.00	22.27 -0.45 0.00	21.27 -0.48 0.00	21.01 -0.70 0.00	20.88 -0.69 0.00	20.90 -0.69 0.00	20.14 -0.64 0.00	20.86 -0.60 0.00	34.92 -0.75 0.00	48.05 -0.68 0.00	59.05 -0.54 0.00	55.26 -0.67 0.00	43.07 -0.70 0.00	33.00 -0.44 0.00	24.20 -0.39 0.00
E_FISHKILL___LBMP 23776	28.29 1.69 -0.65	28.63 1.52 -1.32	28.26 1.33 -4.35	26.60 1.27 -3.52	26.62 1.46 0.00	31.26 1.69 0.00	40.47 2.11 0.00	41.03 2.36 0.00	32.59 2.27 0.00	28.61 1.75 0.00	24.41 1.68 0.00	28.93 1.87 -5.31	28.91 1.93 -5.27	29.24 1.92 -5.74	29.30 1.90 -5.80	32.56 1.81 -9.98	35.54 1.76 -12.32	41.11 3.03 -2.41	54.95 4.14 -2.08	66.77 5.01 -2.18	61.12 4.64 -0.54	50.33 3.50 -3.06	36.50 2.54 -0.52	31.63 1.84 -5.19
FALCON___SEABRD_CC1 323796	25.57 -0.39 0.00	25.49 -0.31 0.00	22.31 -0.27 0.00	21.42 -0.39 0.00	24.63 -0.53 0.00	28.98 -0.59 0.00	37.74 -0.62 0.00	37.78 -0.89 0.00	29.62 -0.70 0.00	26.40 -0.46 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.36 -0.35 0.00	21.14 -0.43 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.09 -0.36 0.00	35.14 -0.53 0.00	48.34 -0.39 0.00	59.17 -0.41 0.00	55.54 -0.39 0.00	43.42 -0.35 0.00	33.04 -0.40 0.00	24.18 -0.42 0.00
FALCON___SEABRD_CC2 323797	25.57 -0.39 0.00	25.49 -0.31 0.00	22.31 -0.27 0.00	21.42 -0.39 0.00	24.63 -0.53 0.00	28.98 -0.59 0.00	37.74 -0.62 0.00	37.78 -0.89 0.00	29.62 -0.70 0.00	26.40 -0.46 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.36 -0.35 0.00	21.14 -0.43 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.09 -0.36 0.00	35.14 -0.53 0.00	48.34 -0.39 0.00	59.17 -0.41 0.00	55.54 -0.39 0.00	43.42 -0.35 0.00	33.04 -0.40 0.00	24.18 -0.42 0.00

FAR ROCKAWAY___4 23548	51.82 2.52 -23.34	47.00 2.35 -18.86	43.79 2.03 -19.18	34.02 1.94 -10.26	43.59 2.24 -16.19	51.74 2.57 -19.59	53.20 3.26 -11.58	53.11 3.60 -10.85	33.35 3.03 0.00	29.22 2.36 0.00	25.16 2.43 0.00	30.64 2.68 -6.21	44.29 2.74 -19.84	45.49 2.72 -21.20	49.13 2.68 -24.86	46.95 2.58 -23.60	47.00 2.51 -23.03	50.94 4.28 -10.99	61.76 5.75 -7.28	72.42 7.09 -5.74	76.96 6.54 -14.48	61.34 4.90 -12.67	51.84 3.68 -14.73	50.72 2.66 -23.47
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.59 1.97 -0.67	28.87 1.78 -1.30	28.41 1.54 -4.29	26.76 1.46 -3.48	26.85 1.69 0.00	31.50 1.92 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.95 2.10 0.00	24.75 2.02 0.00	29.34 2.35 -5.24	29.32 2.41 -5.20	29.64 2.39 -5.67	29.68 2.35 -5.73	32.88 2.24 -9.85	35.79 2.17 -12.16	41.69 3.64 -2.38	55.89 5.02 -2.14	67.79 5.96 -2.24	62.01 5.54 -0.54	51.02 4.20 -3.05	36.96 3.01 -0.52	31.88 2.16 -5.12
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.62 2.00 -0.67	28.87 1.78 -1.30	28.41 1.54 -4.29	26.76 1.46 -3.48	26.85 1.69 0.00	31.50 1.92 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.95 2.10 0.00	24.75 2.02 0.00	29.34 2.35 -5.24	29.32 2.41 -5.20	29.64 2.39 -5.67	29.68 2.35 -5.73	32.88 2.24 -9.85	35.79 2.17 -12.16	41.69 3.64 -2.38	55.89 5.02 -2.14	67.79 5.96 -2.24	62.01 5.54 -0.54	51.02 4.20 -3.05	36.96 3.01 -0.52	31.88 2.16 -5.12
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.59 1.97 -0.67	28.87 1.78 -1.30	28.41 1.54 -4.29	26.76 1.46 -3.48	26.82 1.66 0.00	31.50 1.92 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.95 2.10 0.00	24.75 2.02 0.00	29.34 2.35 -5.24	29.32 2.41 -5.20	29.62 2.37 -5.67	29.68 2.35 -5.73	32.88 2.24 -9.85	35.77 2.15 -12.16	41.65 3.60 -2.38	55.85 4.97 -2.14	67.79 5.96 -2.24	61.95 5.48 -0.54	50.98 4.16 -3.05	36.96 3.01 -0.52	31.88 2.16 -5.12
FARRAGUT___LBMP 323566	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.73 1.44 -3.48	26.82 1.66 0.00	31.47 1.89 0.00	40.73 2.38 0.00	41.46 2.78 0.00	32.92 2.61 0.00	28.93 2.07 0.00	24.73 2.00 0.00	29.32 2.33 -5.24	29.30 2.39 -5.20	29.60 2.35 -5.67	29.64 2.31 -5.73	32.85 2.22 -9.85	35.75 2.12 -12.16	41.62 3.57 -2.38	55.80 4.92 -2.14	67.73 5.90 -2.24	61.95 5.48 -0.54	50.98 4.16 -3.05	36.93 2.98 -0.52	31.86 2.14 -5.12
FARRCKWY_69_KV_BK2 55825	51.82 2.52 -23.34	47.00 2.35 -18.86	43.79 2.03 -19.18	34.02 1.94 -10.26	43.59 2.24 -16.19	51.74 2.57 -19.59	53.20 3.26 -11.58	53.11 3.60 -10.85	33.35 3.03 0.00	29.22 2.36 0.00	25.16 2.43 0.00	30.64 2.68 -6.21	44.29 2.74 -19.84	45.49 2.72 -21.20	49.13 2.68 -24.86	46.95 2.58 -23.60	47.00 2.51 -23.03	50.94 4.28 -10.99	61.76 5.75 -7.28	72.42 7.09 -5.74	76.96 6.54 -14.48	61.34 4.90 -12.67	51.84 3.68 -14.73	50.72 2.66 -23.47
FENNER___WINDPWR 24204	25.72 0.49 0.73	26.38 0.41 -0.17	23.56 0.41 -0.57	22.67 0.39 -0.46	25.69 0.53 0.00	30.22 0.65 0.00	39.24 0.88 0.00	39.72 1.04 0.00	31.01 0.70 0.00	27.37 0.51 0.00	23.09 0.36 0.00	22.72 0.28 -0.69	22.65 0.26 -0.68	22.58 0.26 -0.75	22.61 0.26 -0.75	22.29 0.25 -1.26	23.32 0.30 -1.56	36.58 0.61 -0.31	47.40 1.03 2.36	59.17 1.55 1.97	57.60 1.34 -0.32	44.25 1.01 0.53	34.22 0.73 -0.05	25.75 0.49 -0.67
FIBERTEK___ENERGY 23856	25.02 -0.08 0.86	25.84 -0.08 -0.12	22.95 -0.05 -0.41	22.10 -0.04 -0.33	25.18 0.03 0.00	29.63 0.06 0.00	38.51 0.15 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.77 0.05 0.00	22.21 -0.04 -0.50	22.18 -0.02 -0.50	22.14 0.02 -0.54	22.14 0.00 -0.55	21.71 0.00 -0.93	22.63 0.02 -1.15	34.53 -0.07 1.07	45.82 -0.15 2.77	57.63 -0.06 1.90	56.41 -0.17 -0.64	42.91 -0.13 0.73	33.40 -0.07 -0.03	24.98 -0.10 -0.48
FITZPATRICK___ 23598	25.23 -0.73 0.00	25.18 -0.70 -0.08	22.25 -0.61 -0.28	21.45 -0.59 -0.23	24.56 -0.60 0.00	28.84 -0.74 0.00	37.40 -0.96 0.00	37.71 -0.97 0.00	29.68 -0.64 0.00	26.24 -0.62 0.00	22.16 -0.57 0.00	21.50 -0.59 -0.33	21.45 -0.59 -0.33	21.38 -0.56 -0.36	21.40 -0.56 -0.37	20.85 -0.54 -0.62	21.66 -0.56 -0.76	34.78 -1.04 -0.15	47.17 -1.56 0.00	55.23 -1.91 2.45	51.03 -1.84 3.06	42.51 -1.40 -0.14	32.43 -1.04 -0.03	24.18 -0.74 -0.32
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.51 1.89 -0.66	28.83 1.73 -1.30	28.37 1.49 -4.30	26.72 1.42 -3.48	26.80 1.64 0.00	31.50 1.92 0.00	40.77 2.42 0.00	41.30 2.63 0.00	32.83 2.52 0.00	28.71 1.85 0.00	24.48 1.75 0.00	28.99 1.91 -5.32	28.95 1.95 -5.28	29.28 1.94 -5.76	29.38 1.97 -5.82	32.67 1.89 -10.00	35.68 1.87 -12.35	41.47 3.39 -2.41	55.54 4.73 -2.07	67.66 5.90 -2.17	61.84 5.37 -0.54	50.87 4.03 -3.07	36.87 2.91 -0.52	31.84 2.04 -5.20
FORT ORANGE___ 23900	27.55 1.12 -0.48	28.35 1.08 -1.48	28.36 0.90 -4.87	26.75 0.98 -3.95	26.22 1.06 0.00	30.70 1.12 0.00	39.78 1.42 0.00	39.99 1.32 0.00	31.22 0.91 0.00	27.64 0.78 0.00	23.45 0.73 0.00	28.43 0.59 -6.09	28.34 0.59 -6.05	28.75 0.58 -6.60	28.86 0.60 -6.67	32.56 0.58 -11.20	35.89 0.60 -13.83	39.52 1.14 -2.70	50.39 1.66 0.00	61.67 2.08 0.00	58.50 2.01 -0.56	47.88 1.49 -2.62	35.28 1.27 -0.57	31.48 1.03 -5.85
FORT_DRUM_COGEN 23780	25.96 0.00 0.00	25.66 -0.21 -0.08	22.74 -0.09 -0.25	21.98 -0.04 -0.20	25.24 0.08 0.00	29.75 0.18 0.00	38.66 0.31 0.00	39.14 0.46 0.00	30.10 -0.21 0.00	26.59 -0.27 0.00	22.36 -0.36 0.00	21.59 -0.48 -0.31	21.52 -0.50 -0.31	21.33 -0.58 -0.34	21.40 -0.54 -0.34	20.76 -0.60 -0.59	21.54 -0.64 -0.72	35.13 -0.68 -0.14	48.54 -0.19 0.00	60.77 0.77 -0.41	57.04 0.56 -0.54	44.35 0.44 -0.14	33.73 0.27 -0.03	25.00 0.10 -0.30
FOX_HILLS___ESR 323835	28.81 2.18 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.03 1.86 -0.01	31.88 2.31 0.00	41.23 2.88 0.00	42.01 3.33 -0.01	33.13 2.82 0.00	29.18 2.31 -0.01	24.92 2.18 -0.01	29.62 2.50 -5.37	29.57 2.54 -5.33	29.95 2.57 -5.81	29.92 2.46 -5.87	33.01 2.37 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.07 5.22 -2.12	67.95 6.14 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.20 3.24 -0.53	32.12 2.38 -5.15
FPL_FAR_ROCK_GT1 24212	51.81 2.52 -23.34	47.00 2.35 -18.86	43.79 2.03 -19.18	34.13 2.05 -10.26	43.58 2.24 -16.19	51.85 2.69 -19.59	53.43 3.49 -11.58	53.35 3.83 -10.85	33.41 3.09 0.00	29.30 2.44 0.00	25.18 2.46 0.00	30.80 2.72 -6.33	44.43 2.76 -19.96	45.69 2.78 -21.33	49.26 2.68 -24.99	46.95 2.58 -23.59	47.00 2.51 -23.03	50.94 4.28 -10.99	61.73 5.75 -7.25	72.39 7.09 -5.71	76.96 6.54 -14.48	61.33 4.90 -12.66	51.84 3.68 -14.73	50.74 2.66 -23.49
FPL_FAR_ROCK_GT2 23815	51.81 2.52 -23.34	47.00 2.35 -18.86	43.79 2.03 -19.18	34.13 2.05 -10.26	43.58 2.24 -16.19	51.85 2.69 -19.59	53.43 3.49 -11.58	53.35 3.83 -10.85	33.41 3.09 0.00	29.30 2.44 0.00	25.18 2.46 0.00	30.80 2.72 -6.33	44.43 2.76 -19.96	45.69 2.78 -21.33	49.26 2.68 -24.99	46.95 2.58 -23.59	47.00 2.51 -23.03	50.94 4.28 -10.99	61.73 5.75 -7.25	72.39 7.09 -5.71	76.96 6.54 -14.48	61.33 4.90 -12.66	51.84 3.68 -14.73	50.74 2.66 -23.49

FRANKLIN_FALL_HYD 24054	25.31 -0.65 0.00	25.28 -0.52 0.00	22.06 -0.52 0.00	21.27 -0.55 0.00	24.41 -0.75 0.00	28.92 -0.65 0.00	37.82 -0.54 0.00	37.82 -0.85 0.00	29.59 -0.73 0.00	26.40 -0.46 0.00	22.20 -0.52 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.10 -0.47 0.00	21.21 -0.39 0.00	20.38 -0.39 0.00	21.09 -0.36 0.00	35.10 -0.57 0.00	48.34 -0.39 0.00	59.17 -0.42 0.00	55.49 -0.45 0.00	43.42 -0.35 0.00	32.93 -0.50 0.00	24.15 -0.44 0.00
FREEPORT_EQUS_GT1 23764	51.74 2.44 -23.34	46.89 2.24 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.48 2.14 -16.19	51.77 2.60 -19.59	53.27 3.34 -11.58	53.19 3.68 -10.85	33.29 2.97 0.00	29.17 2.31 0.00	25.09 2.36 0.00	30.69 2.61 -6.33	44.32 2.65 -19.96	45.58 2.67 -21.33	49.17 2.59 -24.99	46.86 2.49 -23.59	46.93 2.45 -23.03	50.80 4.14 -10.99	60.18 5.55 -5.89	71.17 6.79 -4.79	73.06 6.32 -10.81	58.62 4.73 -10.12	51.64 3.51 -14.69	50.66 2.58 -23.49
FREEPORT___CT2 23818	51.74 2.44 -23.34	46.89 2.24 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.48 2.14 -16.19	51.77 2.60 -19.59	53.27 3.34 -11.58	53.19 3.68 -10.85	33.29 2.97 0.00	29.17 2.31 0.00	25.09 2.36 0.00	30.69 2.61 -6.33	44.32 2.65 -19.96	45.58 2.67 -21.33	49.17 2.59 -24.99	46.86 2.49 -23.59	46.93 2.45 -23.03	50.80 4.14 -10.99	60.18 5.55 -5.89	71.17 6.79 -4.79	73.06 6.32 -10.81	58.62 4.73 -10.12	51.64 3.51 -14.69	50.66 2.58 -23.49
FRESHKLS_33_KV_LOAD 356253	28.89 2.26 -0.67	29.14 2.04 -1.31	28.65 1.76 -4.30	27.09 1.79 -3.48	27.11 1.94 -0.01	32.00 2.43 0.00	41.35 2.99 0.00	42.16 3.48 -0.01	33.23 2.91 0.00	29.23 2.36 -0.01	24.96 2.23 -0.01	29.66 2.54 -5.37	29.62 2.58 -5.33	29.99 2.61 -5.81	29.95 2.48 -5.87	33.05 2.41 -9.86	35.99 2.36 -12.17	41.94 3.89 -2.39	56.26 5.41 -2.12	68.19 6.38 -2.22	62.40 5.93 -0.54	51.42 4.59 -3.05	37.34 3.38 -0.53	32.20 2.46 -5.15
FULTON COGEN____ 23766	24.79 -0.55 0.62	25.36 -0.54 -0.11	22.50 -0.45 -0.37	21.70 -0.41 -0.30	24.73 -0.43 0.00	29.10 -0.47 0.00	37.78 -0.58 0.00	38.25 -0.43 0.00	30.01 -0.30 0.00	26.51 -0.35 0.00	22.39 -0.34 0.00	21.79 -0.41 -0.45	21.74 -0.41 -0.45	21.70 -0.37 -0.49	21.70 -0.39 -0.49	21.25 -0.37 -0.84	22.13 -0.36 -1.04	35.16 -0.71 -0.20	45.64 -1.07 2.02	57.16 -1.19 1.24	55.87 -1.17 -1.11	42.34 -0.92 0.51	32.79 -0.67 -0.03	24.52 -0.52 -0.44
FULTON___LFGE 323630	28.20 1.66 -0.58	29.08 1.65 -1.63	29.41 1.45 -5.38	27.63 1.46 -4.36	26.85 1.69 0.00	31.76 2.19 0.00	41.43 3.07 0.00	41.11 2.44 0.00	31.74 1.43 0.00	27.80 0.94 0.00	23.27 0.54 0.00	28.69 0.33 -6.62	28.54 0.26 -6.57	28.97 0.24 -7.16	29.02 0.19 -7.24	33.21 0.27 -12.16	36.84 0.36 -15.01	40.92 1.14 -4.11	53.05 4.23 -1.88	65.79 4.23 -1.97	60.89 4.31 -0.65	50.59 3.28 -3.54	36.42 2.34 -0.64	32.68 1.65 -6.44
G.F.CEMENT___DRP 24184	27.75 1.79 0.00	29.12 1.81 -1.52	29.16 1.56 -5.02	27.43 1.55 -4.07	26.95 1.79 0.00	31.82 2.25 0.00	41.42 3.07 0.00	41.34 2.67 0.00	32.19 1.88 0.00	28.39 1.53 0.00	24.07 1.34 0.00	29.15 1.13 -6.26	28.99 1.06 -6.22	29.39 1.04 -6.78	29.46 1.01 -6.85	33.34 1.06 -11.50	36.78 1.12 -14.20	40.59 2.14 -2.78	51.95 3.22 0.00	64.00 4.41 0.00	60.93 4.42 -0.58	49.79 3.33 -2.69	36.46 2.44 -0.58	32.32 1.75 -5.98
GARDENVILLE___LBMP 24039	20.92 -2.34 2.70	23.81 -2.06 -0.08	21.02 -1.85 -0.29	20.33 -1.72 -0.23	23.21 -1.94 0.02	27.37 -2.19 0.02	35.38 -2.95 0.02	35.72 -2.94 0.02	28.39 -1.91 0.01	25.13 -1.72 0.01	21.03 -1.68 0.01	20.29 -1.81 -0.34	20.29 -1.76 -0.34	20.22 -1.73 -0.37	20.20 -1.77 -0.38	19.82 -1.60 -0.64	20.44 -1.82 -0.80	24.90 -2.85 7.92	36.44 -3.95 8.35	45.52 -5.06 9.00	51.03 -4.81 0.10	37.65 -3.50 2.62	30.83 -2.61 0.00	23.17 -1.75 -0.32
GARDNVLA_35_KV_LD 355827	20.97 -2.28 2.70	23.88 -1.99 -0.08	21.09 -1.78 -0.29	20.39 -1.66 -0.23	23.28 -1.86 0.02	27.46 -2.10 0.02	35.50 -2.84 0.02	35.91 -2.75 0.02	28.51 -1.79 0.02	25.24 -1.61 0.01	21.12 -1.59 0.02	20.38 -1.72 -0.34	20.40 -1.65 -0.34	20.31 -1.64 -0.37	20.29 -1.68 -0.38	19.94 -1.50 -0.65	20.55 -1.72 -0.81	25.01 -2.71 7.95	36.64 -3.75 8.34	45.75 -4.83 9.01	51.31 -4.53 0.10	37.78 -3.37 2.62	31.00 -2.44 0.00	23.27 -1.65 -0.32
GELCKHM___115KV_LOAD 80723	24.93 -0.29 0.74	25.65 -0.26 -0.11	22.75 -0.20 -0.37	21.92 -0.20 -0.30	25.01 -0.15 0.00	29.42 -0.15 0.00	38.20 -0.15 0.00	38.71 0.04 0.00	30.40 0.09 0.00	26.86 0.00 0.00	22.68 -0.05 0.00	22.09 -0.13 -0.47	22.06 -0.11 -0.46	22.01 -0.06 -0.50	22.00 -0.11 -0.51	21.57 -0.08 -0.87	22.45 -0.09 -1.07	34.58 -0.25 0.84	45.92 -0.39 2.42	57.35 -0.42 1.82	55.99 -0.45 -0.51	42.80 -0.35 0.62	33.23 -0.23 -0.03	24.85 -0.20 -0.45
GENERAL___MILLS 23808	20.94 -2.31 2.70	23.86 -2.01 -0.08	21.07 -1.81 -0.29	20.37 -1.68 -0.23	23.26 -1.89 0.02	27.40 -2.16 0.02	35.46 -2.88 0.02	35.83 -2.82 0.02	28.45 -1.85 0.02	25.18 -1.67 0.01	21.10 -1.61 0.02	20.36 -1.74 -0.34	20.36 -1.69 -0.34	20.29 -1.66 -0.37	20.24 -1.73 -0.38	19.91 -1.52 -0.65	20.53 -1.74 -0.81	24.99 -2.75 7.94	36.59 -3.80 8.34	45.69 -4.89 9.01	51.25 -4.59 0.10	37.74 -3.41 2.62	30.93 -2.51 0.00	23.24 -1.67 -0.32
GE_PLASTICS___DRP 24183	26.94 0.99 0.00	28.17 0.90 -1.47	28.23 0.79 -4.86	26.52 0.76 -3.94	26.07 0.91 0.00	30.52 0.95 0.00	39.51 1.15 0.00	39.83 1.16 0.00	31.16 0.85 0.00	27.59 0.73 0.00	23.43 0.70 0.00	28.49 0.65 -6.09	28.38 0.63 -6.04	28.81 0.65 -6.59	28.90 0.65 -6.66	32.58 0.62 -11.18	35.91 0.64 -13.80	39.51 1.14 -2.70	51.84 1.56 -1.55	63.12 1.91 -1.62	58.26 1.73 -0.59	48.32 1.40 -3.15	35.18 1.17 -0.58	31.34 0.93 -5.81
GILBOA___1 23756	27.77 1.04 -0.77	27.97 0.95 -1.22	27.44 0.84 -4.03	25.93 0.85 -3.26	26.09 0.93 0.00	30.67 1.09 0.00	39.74 1.38 0.00	40.18 1.51 0.00	31.41 1.09 0.00	27.80 0.94 0.00	23.61 0.89 0.00	27.71 0.89 -5.07	27.63 0.89 -5.03	27.97 0.91 -5.48	28.02 0.89 -5.54	30.94 0.85 -9.31	33.82 0.86 -11.50	40.46 1.50 -3.30	53.29 2.09 -2.46	64.61 2.44 -2.58	58.73 2.29 -0.51	48.61 1.84 -3.00	35.29 1.37 -0.48	30.43 1.01 -4.83
GILBOA___2 23757	27.77 1.04 -0.77	27.97 0.95 -1.22	27.44 0.84 -4.03	25.93 0.85 -3.26	26.09 0.93 0.00	30.67 1.09 0.00	39.74 1.38 0.00	40.18 1.51 0.00	31.41 1.09 0.00	27.80 0.94 0.00	23.61 0.89 0.00	27.71 0.89 -5.07	27.63 0.89 -5.03	27.97 0.91 -5.48	28.02 0.89 -5.54	30.94 0.85 -9.31	33.82 0.86 -11.50	40.46 1.50 -3.30	53.29 2.09 -2.46	64.61 2.44 -2.58	58.73 2.29 -0.51	48.61 1.84 -3.00	35.29 1.37 -0.48	30.43 1.01 -4.83
GILBOA___3 23758	27.77 1.04 -0.77	27.97 0.95 -1.22	27.44 0.84 -4.03	25.93 0.85 -3.26	26.09 0.93 0.00	30.67 1.09 0.00	39.74 1.38 0.00	40.18 1.51 0.00	31.41 1.09 0.00	27.80 0.94 0.00	23.61 0.89 0.00	27.71 0.89 -5.07	27.63 0.89 -5.03	27.97 0.91 -5.48	28.02 0.89 -5.54	30.94 0.85 -9.31	33.82 0.86 -11.50	40.46 1.50 -3.30	53.29 2.09 -2.46	64.61 2.44 -2.58	58.73 2.29 -0.51	48.61 1.84 -3.00	35.29 1.37 -0.48	30.43 1.01 -4.83

GILBOA___4 23759	27.77 1.04 -0.77	27.97 0.95 -1.22	27.44 0.84 -4.03	25.93 0.85 -3.26	26.09 0.93 0.00	30.67 1.09 0.00	39.74 1.38 0.00	40.18 1.51 0.00	31.41 1.09 0.00	27.80 0.94 0.00	23.61 0.89 0.00	27.71 0.89 -5.07	27.63 0.89 -5.03	27.97 0.91 -5.48	28.02 0.89 -5.54	30.94 0.85 -9.31	33.82 0.86 -11.50	40.46 1.50 -3.30	53.29 2.09 -2.46	64.61 2.44 -2.58	58.73 2.29 -0.51	48.61 1.84 -3.00	35.29 1.37 -0.48	30.43 1.01 -4.83
GILBOA____ 23599	27.77 1.04 -0.77	27.97 0.95 -1.22	27.44 0.84 -4.03	25.86 0.79 -3.26	26.09 0.93 0.00	30.64 1.06 0.00	39.66 1.30 0.00	40.07 1.39 0.00	31.38 1.06 0.00	27.77 0.91 0.00	23.59 0.86 0.00	27.66 0.89 -5.01	27.57 0.89 -4.98	27.89 0.88 -5.43	27.96 0.89 -5.48	30.95 0.85 -9.32	33.82 0.86 -11.50	40.47 1.50 -3.30	53.25 2.10 -2.42	64.57 2.44 -2.54	58.73 2.29 -0.51	48.60 1.84 -2.99	35.33 1.40 -0.49	30.45 1.01 -4.85
GINNA____ 23603	21.69 -2.65 1.62	23.59 -2.30 -0.09	20.86 -2.03 -0.32	20.11 -1.96 -0.25	23.14 -2.01 0.01	27.11 -2.45 0.01	35.05 -3.30 0.01	35.14 -3.52 0.01	28.37 -1.94 0.01	25.03 -1.83 0.00	20.86 -1.86 0.01	20.18 -1.96 -0.38	20.18 -1.91 -0.38	20.14 -1.86 -0.42	20.14 -1.88 -0.42	19.60 -1.89 -0.71	20.33 -2.02 -0.88	28.27 -3.32 4.08	38.94 -4.63 5.17	46.92 -5.66 7.01	50.69 -5.20 0.05	38.19 -4.03 1.56	30.34 -3.11 -0.02	22.77 -2.19 -0.37
GLEN PARK____ 23778	26.06 0.10 0.00	25.77 -0.10 -0.08	22.84 0.00 -0.26	22.05 0.02 -0.21	25.36 0.20 0.00	29.87 0.30 0.00	38.63 0.27 0.00	39.33 0.66 0.00	30.22 -0.09 0.00	26.62 -0.24 0.00	22.39 -0.34 0.00	21.62 -0.46 -0.33	21.56 -0.48 -0.32	21.37 -0.56 -0.35	21.43 -0.52 -0.36	20.80 -0.58 -0.60	21.58 -0.62 -0.74	35.24 -0.57 -0.15	48.73 0.00 0.00	61.20 1.19 -0.43	57.39 0.89 -0.57	44.61 0.70 -0.14	33.90 0.43 -0.03	25.11 0.20 -0.32
GLENDALE_27_KV_LOAD 356172	28.76 2.13 -0.67	29.04 1.93 -1.31	28.55 1.67 -4.30	26.89 1.59 -3.48	26.98 1.81 -0.01	31.67 2.10 0.00	40.89 2.53 0.00	41.65 2.98 0.00	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.93 2.30 -12.17	41.83 3.78 -2.38	56.04 5.17 -2.14	67.91 6.08 -2.24	62.12 5.65 -0.54	51.20 4.38 -3.05	37.13 3.18 -0.52	32.03 2.31 -5.12
GLENWOOD_IC_1_G5 23712	51.53 2.23 -23.34	46.69 2.04 -18.86	43.52 1.76 -19.18	33.76 1.68 -10.26	43.28 1.94 -16.19	51.41 2.25 -19.59	52.77 2.84 -11.58	52.69 3.17 -10.85	33.10 2.79 0.00	29.04 2.18 0.00	24.91 2.18 0.00	30.40 2.44 -6.21	44.05 2.50 -19.84	45.25 2.48 -21.20	48.91 2.46 -24.86	46.72 2.35 -23.60	46.79 2.30 -23.03	50.55 3.89 -10.99	60.72 5.26 -6.72	71.15 6.20 -5.37	74.62 5.71 -12.98	59.87 4.46 -11.63	51.42 3.28 -14.71	50.42 2.36 -23.47
GLENWOOD_IC_2_G1 23688	51.35 2.05 -23.34	46.53 1.88 -18.86	43.38 1.63 -19.18	33.74 1.66 -10.26	43.13 1.79 -16.19	51.32 2.16 -19.59	52.73 2.80 -11.58	52.65 3.13 -10.85	33.01 2.70 0.00	28.98 2.12 0.00	24.82 2.09 0.00	30.41 2.33 -6.33	44.04 2.37 -19.96	45.30 2.39 -21.33	48.87 2.29 -24.99	46.57 2.20 -23.59	46.64 2.15 -23.03	50.30 3.64 -10.99	55.98 4.92 -2.32	67.90 5.96 -2.36	62.58 5.54 -1.11	51.37 4.16 -3.44	51.08 3.04 -14.61	50.30 2.21 -23.49
GLENWOOD_IC_3_G1 23689	51.35 2.05 -23.34	46.53 1.88 -18.86	43.38 1.63 -19.18	33.74 1.66 -10.26	43.13 1.79 -16.19	51.32 2.16 -19.59	52.73 2.80 -11.58	52.65 3.13 -10.85	33.01 2.70 0.00	28.98 2.12 0.00	24.82 2.09 0.00	30.41 2.33 -6.33	44.04 2.37 -19.96	45.30 2.39 -21.33	48.87 2.29 -24.99	46.57 2.20 -23.59	46.64 2.15 -23.03	50.30 3.64 -10.99	55.98 4.92 -2.32	67.90 5.96 -2.36	62.58 5.54 -1.11	51.37 4.16 -3.44	51.08 3.04 -14.61	50.30 2.21 -23.49
GLENWOOD___4 23550	51.53 2.23 -23.34	46.69 2.04 -18.86	43.52 1.76 -19.18	33.76 1.68 -10.26	43.28 1.94 -16.19	51.41 2.25 -19.59	52.77 2.84 -11.58	52.69 3.17 -10.85	33.10 2.79 0.00	29.04 2.18 0.00	24.91 2.18 0.00	30.40 2.44 -6.21	44.05 2.50 -19.84	45.25 2.48 -21.20	48.91 2.46 -24.86	46.72 2.35 -23.60	46.79 2.30 -23.03	50.55 3.89 -10.99	60.72 5.26 -6.72	71.21 6.26 -5.37	74.73 5.82 -12.98	59.87 4.46 -11.63	51.42 3.28 -14.71	50.42 2.36 -23.47
GLENWOOD___5 23614	51.53 2.23 -23.34	46.69 2.04 -18.86	43.52 1.76 -19.18	33.76 1.68 -10.26	43.28 1.94 -16.19	51.41 2.25 -19.59	52.77 2.84 -11.58	52.69 3.17 -10.85	33.10 2.79 0.00	29.04 2.18 0.00	24.91 2.18 0.00	30.40 2.44 -6.21	44.05 2.50 -19.84	45.25 2.48 -21.20	48.91 2.46 -24.86	46.72 2.35 -23.60	46.79 2.30 -23.03	50.55 3.89 -10.99	60.72 5.26 -6.72	71.21 6.26 -5.37	74.73 5.82 -12.98	59.87 4.46 -11.63	51.42 3.28 -14.71	50.42 2.36 -23.47
GLOBAL GREEN_PORT_GT1 23814	51.63 2.34 -23.34	46.72 2.06 -18.86	43.58 1.83 -19.18	33.91 1.83 -10.26	43.28 1.94 -16.19	51.56 2.39 -19.59	52.93 2.99 -11.58	52.77 3.25 -10.85	32.65 2.33 0.00	28.53 1.67 0.00	24.66 1.93 0.00	30.30 2.22 -6.33	43.91 2.24 -19.96	45.12 2.22 -21.33	48.74 2.16 -24.99	46.43 2.06 -23.59	46.53 2.04 -23.03	50.12 3.46 -10.99	58.82 5.12 -4.97	70.06 6.31 -4.16	70.10 5.87 -8.29	56.54 4.38 -8.39	51.18 3.07 -14.67	50.22 2.14 -23.49
GLOBE___DSASP 323697	20.58 -2.99 2.39	23.01 -2.86 -0.08	20.41 -2.46 -0.30	19.85 -2.20 -0.24	22.65 -2.49 0.02	26.70 -2.84 0.03	34.20 -4.14 0.02	34.36 -4.29 0.02	27.83 -2.46 0.03	24.76 -2.07 0.03	20.51 -2.18 0.03	19.71 -2.39 -0.35	19.73 -2.32 -0.35	19.90 -2.05 -0.38	19.84 -2.14 -0.38	19.25 -2.18 -0.66	19.59 -2.68 -0.82	24.87 -3.89 6.91	35.32 -5.95 7.47	43.55 -7.81 8.23	48.30 -7.55 0.08	36.50 -4.95 2.32	29.53 -3.91 -0.01	22.44 -2.48 -0.33
GOETHSLN___LBMP 323567	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.29	26.69 1.40 -3.48	26.75 1.59 0.00	31.41 1.83 0.00	40.62 2.26 0.00	41.34 2.67 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.28 2.28 -5.24	29.25 2.34 -5.20	29.56 2.31 -5.67	29.62 2.29 -5.73	32.81 2.18 -9.85	35.70 2.08 -12.16	41.54 3.50 -2.38	55.70 4.82 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.86 2.91 -0.52	31.81 2.09 -5.12
GOLAH___69_KV_TB 1_2 80279	22.38 -1.82 1.76	24.36 -1.52 -0.09	21.60 -1.29 -0.31	20.97 -1.09 -0.25	24.02 -1.13 0.01	28.44 -1.12 0.01	36.73 -1.61 0.01	36.96 -1.70 0.01	29.52 -0.79 0.01	26.05 -0.81 0.01	21.70 -1.02 0.01	20.79 -1.33 -0.37	20.75 -1.32 -0.36	20.74 -1.23 -0.40	20.70 -1.30 -0.40	20.18 -1.29 -0.68	20.85 -1.46 -0.85	28.63 -2.35 4.68	39.92 -3.22 5.60	48.90 -3.87 6.82	52.30 -3.58 0.05	39.48 -2.58 1.70	31.51 -1.94 -0.01	23.66 -1.28 -0.35
GOODYEAR_LAKE_HYD 323669	28.69 1.25 -1.48	27.41 1.11 -0.51	25.24 0.99 -1.66	24.12 0.96 -1.35	26.35 1.18 -0.01	31.03 1.45 0.00	41.82 3.45 -0.01	42.24 3.56 -0.01	32.63 2.30 -0.01	28.83 1.96 0.00	24.10 1.36 -0.01	23.93 1.15 -1.02	23.85 1.13 -1.01	23.72 1.04 -1.11	23.77 1.06 -1.12	23.65 0.96 -1.91	24.85 1.03 -2.36	42.67 2.25 -4.75	58.36 2.63 -6.99	70.81 3.52 -7.71	59.63 3.24 -0.46	49.52 2.49 -3.25	35.37 1.81 -0.13	26.77 1.25 -0.92

GOUDEY___1 345031	31.33 0.34 -5.04	26.70 0.31 -0.59	24.76 0.27 -1.91	23.60 0.24 -1.55	25.53 0.35 -0.02	30.03 0.44 -0.02	39.07 0.69 -0.02	39.51 0.81 -0.02	30.94 0.61 -0.02	27.30 0.43 -0.01	23.09 0.34 -0.02	24.26 0.30 -2.20	24.22 0.33 -2.18	24.28 0.32 -2.38	24.32 0.32 -2.40	25.18 0.31 -4.09	26.83 0.32 -5.05	47.40 0.57 -11.16	66.07 0.88 -16.46	78.55 1.13 -17.83	57.67 1.01 -0.73	51.10 0.79 -6.55	34.29 0.57 -0.29	27.10 0.37 -2.13
GOUDEY___7 23579	31.33 0.34 -5.04	26.70 0.31 -0.59	24.76 0.27 -1.91	23.60 0.24 -1.55	25.53 0.35 -0.02	30.03 0.44 -0.02	39.07 0.69 -0.02	39.51 0.81 -0.02	30.94 0.61 -0.02	27.30 0.43 -0.01	23.09 0.34 -0.02	24.26 0.30 -2.20	24.22 0.33 -2.18	24.28 0.32 -2.38	24.32 0.32 -2.40	25.18 0.31 -4.09	26.83 0.32 -5.05	47.40 0.57 -11.16	66.07 0.88 -16.46	78.55 1.13 -17.83	57.67 1.01 -0.73	51.10 0.79 -6.55	34.29 0.57 -0.29	27.10 0.37 -2.13
GOUDEY___8 23580	31.33 0.34 -5.04	26.70 0.31 -0.59	24.76 0.27 -1.91	23.60 0.24 -1.55	25.53 0.35 -0.02	30.03 0.44 -0.02	39.07 0.69 -0.02	39.51 0.81 -0.02	30.94 0.61 -0.02	27.30 0.43 -0.01	23.09 0.34 -0.02	24.26 0.30 -2.20	24.22 0.33 -2.18	24.28 0.32 -2.38	24.32 0.32 -2.40	25.18 0.31 -4.09	26.83 0.32 -5.05	47.40 0.57 -11.16	66.07 0.88 -16.46	78.55 1.13 -17.83	57.67 1.01 -0.73	51.10 0.79 -6.55	34.29 0.57 -0.29	27.10 0.37 -2.13
GOWANUS_GT1_1 24077	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT1_2 24078	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT1_3 24079	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT1_4 24080	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT1_5 24084	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT1_6 24111	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT1_7 24112	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT1_8 24113	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT2_1 24114	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT2_2 24115	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT2_3 24116	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT2_4 24117	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15

GOWANUS_GT2_5 24118	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT2_6 24119	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT2_7 24120	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT2_8 24121	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_1 24122	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_2 24123	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_3 24124	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_4 24125	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_5 24126	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_6 24127	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_7 24128	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT3_8 24129	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
GOWANUS_GT4_1 24130	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT4_2 24131	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT4_3 24132	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12

GOWANUS_GT4_4 24133	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT4_5 24134	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT4_6 24135	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT4_7 24136	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GOWANUS_GT4_8 24137	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GREENBSH_115KV_TB3 55895	26.97 1.01 0.00	28.23 0.95 -1.48	28.30 0.84 -4.89	26.60 0.83 -3.96	26.12 0.96 0.00	30.52 0.95 0.00	39.47 1.11 0.00	39.76 1.08 0.00	31.13 0.82 0.00	27.59 0.73 0.00	23.43 0.70 0.00	28.47 0.61 -6.11	28.36 0.59 -6.07	28.79 0.60 -6.62	28.88 0.60 -6.69	32.59 0.58 -11.23	35.92 0.60 -13.86	39.45 1.07 -2.71	51.69 1.41 -1.55	62.94 1.73 -1.62	58.20 1.68 -0.59	48.25 1.31 -3.17	35.19 1.17 -0.58	31.42 0.98 -5.84
GREENDGE_115KV_TB5 80291	20.93 -0.83 4.20	25.18 -0.70 -0.08	22.24 -0.65 -0.31	21.43 -0.63 -0.25	24.56 -0.58 0.02	28.99 -0.56 0.02	37.68 -0.65 0.03	37.99 -0.66 0.02	29.72 -0.58 0.02	26.12 -0.73 0.01	21.91 -0.80 0.02	21.16 -0.96 -0.37	21.12 -0.96 -0.37	21.07 -0.91 -0.40	21.05 -0.95 -0.41	20.69 -0.79 -0.70	21.51 -0.82 -0.87	23.04 -1.18 11.45	34.00 -1.22 13.52	48.58 -1.31 9.70	54.47 -1.45 0.00	38.38 -1.05 4.34	32.55 -0.87 0.02	24.28 -0.66 -0.35
GREENIDGE___3 23582	20.93 -0.83 4.20	25.18 -0.70 -0.08	22.24 -0.65 -0.31	21.43 -0.63 -0.25	24.56 -0.58 0.02	28.99 -0.56 0.02	37.68 -0.65 0.03	37.99 -0.66 0.02	29.72 -0.58 0.02	26.12 -0.73 0.01	21.91 -0.80 0.02	21.16 -0.96 -0.37	21.12 -0.96 -0.37	21.07 -0.91 -0.40	21.05 -0.95 -0.41	20.69 -0.79 -0.70	21.51 -0.82 -0.87	23.04 -1.18 11.45	34.00 -1.22 13.52	48.58 -1.31 9.70	54.47 -1.45 0.00	38.38 -1.05 4.34	32.55 -0.87 0.02	24.28 -0.66 -0.35
GREENIDGE___4 23583	20.92 -0.83 4.20	25.20 -0.67 -0.08	22.24 -0.66 -0.31	21.43 -0.63 -0.25	24.56 -0.58 0.02	28.96 -0.59 0.02	37.64 -0.69 0.03	37.87 -0.77 0.02	29.72 -0.58 0.02	26.12 -0.72 0.01	21.91 -0.80 0.02	21.18 -0.96 -0.38	21.13 -0.95 -0.38	21.09 -0.91 -0.42	21.06 -0.95 -0.42	20.69 -0.81 -0.73	21.54 -0.82 -0.90	23.05 -1.18 11.44	33.94 -1.22 13.58	48.52 -1.31 9.76	54.53 -1.40 0.00	38.36 -1.05 4.36	32.48 -0.94 0.02	24.30 -0.66 -0.37
GREENLWN_69_KV_BK 3 55738	51.48 2.18 -23.34	46.64 1.99 -18.86	43.49 1.74 -19.18	33.72 1.64 -10.26	43.23 1.89 -16.19	51.35 2.19 -19.59	52.70 2.76 -11.58	52.61 3.09 -10.85	32.89 2.58 0.00	28.82 1.96 0.00	24.82 2.09 0.00	30.33 2.37 -6.21	43.96 2.41 -19.84	45.17 2.39 -21.20	48.83 2.38 -24.86	46.66 2.29 -23.60	46.72 2.23 -23.03	50.41 3.75 -10.99	58.53 4.73 -5.07	69.55 5.72 -4.24	69.78 5.37 -8.48	56.28 3.98 -8.53	51.22 3.11 -14.67	50.35 2.29 -23.47
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12
GRISSOM___SOLAR 323813	28.10 1.58 -0.56	28.98 1.57 -1.61	29.28 1.38 -5.32	27.52 1.40 -4.31	26.77 1.61 0.00	31.64 2.07 0.00	41.24 2.88 0.00	40.96 2.28 0.00	31.65 1.33 0.00	27.72 0.86 0.00	23.23 0.50 0.00	28.60 0.28 -6.57	28.42 0.19 -6.52	28.85 0.17 -7.11	28.95 0.17 -7.18	33.10 0.25 -12.07	36.68 0.32 -14.90	40.72 1.04 -4.01	52.83 2.29 -1.80	65.47 3.99 -1.89	60.66 4.08 -0.65	50.36 3.11 -3.48	36.31 2.24 -0.63	32.54 1.58 -6.37
GROVEVILLE___HYD 323602	28.51 1.89 -0.66	28.83 1.73 -1.30	28.37 1.49 -4.30	26.72 1.42 -3.48	26.80 1.64 0.00	31.50 1.92 0.00	40.77 2.42 0.00	41.30 2.63 0.00	32.83 2.52 0.00	28.71 1.85 0.00	24.48 1.75 0.00	28.99 1.91 -5.32	28.95 1.95 -5.28	29.28 1.94 -5.76	29.38 1.97 -5.82	32.67 1.89 -10.00	35.68 1.87 -12.35	41.47 3.39 -2.41	55.54 4.73 -2.07	67.66 5.90 -2.17	61.84 5.37 -0.54	50.87 4.03 -3.07	36.87 2.91 -0.52	31.84 2.04 -5.20
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.02 -0.08 0.86	25.84 -0.08 -0.12	22.95 -0.05 -0.41	22.10 -0.04 -0.33	25.18 0.03 0.00	29.63 0.06 0.00	38.51 0.15 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.77 0.05 0.00	22.21 -0.04 -0.50	22.18 -0.02 -0.50	22.14 0.02 -0.54	22.14 0.00 -0.55	21.71 0.00 -0.93	22.63 0.02 -1.15	34.53 -0.07 1.07	45.82 -0.15 2.77	57.63 -0.06 1.90	56.41 -0.17 -0.64	42.91 -0.13 0.73	33.40 -0.07 -0.03	24.98 -0.10 -0.48
HAMLTNNY_34_KV_TB 80303	24.80 -0.16 1.00	25.82 -0.10 -0.12	22.93 -0.07 -0.42	22.09 -0.07 -0.34	25.18 0.03 0.00	29.66 0.09 0.00	38.51 0.15 0.00	38.90 0.23 0.00	30.52 0.21 0.00	26.94 0.08 0.00	22.72 0.00 0.00	22.15 -0.11 -0.51	22.10 -0.11 -0.50	22.06 -0.06 -0.55	22.06 -0.09 -0.55	21.66 -0.06 -0.94	22.56 -0.06 -1.17	33.99 -0.18 1.50	45.29 -0.24 3.20	57.07 -0.18 2.34	56.32 -0.22 -0.61	42.69 -0.22 0.87	33.33 -0.13 -0.03	24.96 -0.12 -0.49

HAMPSHIRE___PAPER_HYD 323593	25.15 -0.80 0.00	24.96 -0.88 -0.04	21.99 -0.72 -0.14	21.19 -0.74 -0.11	24.35 -0.81 0.00	28.66 -0.92 0.00	37.17 -1.19 0.00	37.47 -1.20 0.00	29.10 -1.21 0.00	25.97 -0.89 0.00	21.95 -0.77 0.00	21.26 -0.67 -0.18	21.11 -0.78 -0.18	20.82 -0.95 -0.20	20.84 -0.95 -0.20	20.12 -1.00 -0.33	20.78 -1.09 -0.41	34.11 -1.64 -0.08	47.03 -1.71 0.00	58.17 -1.61 -0.19	54.68 -1.51 -0.26	42.67 -1.18 -0.08	32.62 -0.83 -0.02	24.13 -0.64 -0.18
HARDSCRABBLE_WT_PWR 323673	25.75 -0.21 0.00	25.51 -0.28 0.00	22.31 -0.27 0.00	21.47 -0.35 0.00	24.76 -0.40 0.00	29.10 -0.47 0.00	37.67 -0.69 0.00	38.01 -0.66 0.00	29.68 -0.64 0.00	26.35 -0.51 0.00	22.32 -0.41 0.00	21.32 -0.43 0.00	21.10 -0.61 0.00	20.97 -0.60 0.00	20.99 -0.60 0.00	20.22 -0.56 0.00	20.94 -0.52 0.00	35.06 -0.61 0.00	48.25 -0.49 0.00	59.23 -0.36 0.00	55.48 -0.45 0.00	43.20 -0.57 0.00	33.07 -0.37 0.00	24.25 -0.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.49 1.82 -0.72	28.69 1.63 -1.27	28.19 1.42 -4.19	26.56 1.35 -3.39	26.72 1.56 0.00	31.38 1.80 0.00	40.62 2.26 0.00	41.15 2.48 0.00	32.59 2.27 0.00	28.58 1.72 0.00	24.39 1.66 0.00	28.70 1.85 -5.10	28.66 1.89 -5.06	28.97 1.88 -5.52	29.05 1.88 -5.58	32.16 1.81 -9.58	35.04 1.76 -11.82	42.12 3.10 -3.34	55.40 4.34 -2.33	67.39 5.36 -2.44	61.38 4.92 -0.52	50.44 3.63 -3.03	36.58 2.64 -0.50	31.45 1.87 -4.98
HARSNRAD_115KV_TB1 81005	20.88 -2.73 2.35	23.37 -2.50 -0.08	20.71 -2.17 -0.30	20.11 -1.94 -0.24	23.01 -2.14 0.02	27.16 -2.40 0.01	34.89 -3.45 0.02	35.14 -3.52 0.01	28.27 -2.03 0.01	25.08 -1.77 0.01	20.83 -1.89 0.01	19.95 -2.15 -0.35	19.95 -2.11 -0.35	19.95 -2.01 -0.38	19.88 -2.09 -0.38	19.42 -2.02 -0.66	19.98 -2.30 -0.82	25.41 -3.50 6.76	36.48 -4.92 7.33	45.10 -6.32 8.17	49.64 -6.21 0.08	37.25 -4.25 2.28	30.20 -3.24 -0.01	22.76 -2.16 -0.33
HARZA MOOSE___RIVER 24016	26.22 0.26 0.00	25.98 0.13 -0.06	22.95 0.18 -0.19	22.17 0.20 -0.16	25.46 0.30 0.00	29.99 0.41 0.00	38.97 0.61 0.00	39.37 0.70 0.00	30.53 0.21 0.00	27.02 0.16 0.00	22.77 0.05 0.00	21.97 -0.02 -0.24	21.88 -0.07 -0.24	21.70 -0.13 -0.26	21.75 -0.11 -0.26	21.08 -0.15 -0.45	21.84 -0.17 -0.55	35.78 0.00 -0.11	49.17 0.44 0.00	60.97 1.19 -0.19	57.15 0.95 -0.27	44.58 0.70 -0.11	33.99 0.53 -0.02	25.15 0.32 -0.23
HDSNBRDG_115KV_BRDG_TB1 355580	25.02 -0.26 0.68	25.69 -0.23 -0.13	22.83 -0.18 -0.43	21.99 -0.17 -0.35	25.03 -0.13 0.00	29.45 -0.12 0.00	38.24 -0.12 0.00	38.75 0.08 0.00	30.41 0.09 0.00	26.86 0.00 0.00	22.70 -0.02 0.00	22.16 -0.11 -0.52	22.12 -0.11 -0.52	22.07 -0.06 -0.56	22.08 -0.09 -0.57	21.67 -0.08 -0.97	22.59 -0.06 -1.20	35.69 -0.21 -0.23	46.15 -0.39 2.20	57.40 -0.42 1.77	55.91 -0.45 -0.43	42.88 -0.35 0.54	33.23 -0.23 -0.03	24.90 -0.20 -0.51
HELLGATE_13_KV_LD 55870	28.81 2.18 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.92 1.61 -3.48	27.03 1.86 -0.01	31.70 2.13 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.10 2.79 0.00	29.15 2.28 -0.01	24.89 2.16 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.84 2.50 -5.74	33.03 2.39 -9.86	35.93 2.30 -12.17	41.79 3.75 -2.38	56.04 5.17 -2.14	67.85 6.02 -2.24	62.06 5.59 -0.54	51.20 4.38 -3.05	37.13 3.18 -0.52	32.05 2.34 -5.12
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.81 2.18 -0.67	29.06 1.96 -1.31	28.60 1.72 -4.30	26.92 1.61 -3.48	27.03 1.86 -0.01	31.70 2.13 0.00	40.89 2.53 0.00	41.69 3.02 0.00	33.10 2.79 0.00	29.15 2.28 -0.01	24.89 2.16 -0.01	29.50 2.50 -5.25	29.48 2.56 -5.21	29.80 2.55 -5.68	29.84 2.50 -5.74	33.03 2.39 -9.86	35.93 2.30 -12.17	41.79 3.75 -2.38	56.04 5.17 -2.14	67.85 6.02 -2.24	62.06 5.59 -0.54	51.20 4.38 -3.05	37.13 3.18 -0.52	32.05 2.34 -5.12
HEMPSTEAD____ 23647	51.61 2.31 -23.34	46.79 2.14 -18.86	43.61 1.85 -19.18	33.96 1.88 -10.26	43.38 2.04 -16.19	51.65 2.48 -19.59	53.12 3.18 -11.58	53.04 3.52 -10.85	33.20 2.88 0.00	29.12 2.26 0.00	25.02 2.29 0.00	30.60 2.52 -6.33	44.25 2.58 -19.96	45.51 2.61 -21.33	49.09 2.50 -24.99	46.78 2.41 -23.59	46.85 2.36 -23.03	50.62 3.96 -10.99	60.30 5.36 -6.21	71.03 6.44 -5.01	73.58 5.99 -11.66	59.04 4.55 -10.71	51.51 3.38 -14.70	50.54 2.46 -23.49
HICKLING___1 23621	18.37 -0.93 6.66	25.05 -0.77 -0.03	21.97 -0.79 -0.18	21.13 -0.83 -0.14	24.31 -0.81 0.04	28.62 -0.92 0.03	37.24 -1.07 0.04	37.39 -1.24 0.04	29.19 -1.09 0.03	25.68 -1.15 0.02	21.63 -1.07 0.03	20.81 -1.15 -0.21	20.81 -1.11 -0.21	20.73 -1.08 -0.24	20.71 -1.12 -0.24	20.42 -0.77 -0.41	21.11 -0.86 -0.51	15.48 -1.25 18.94	26.11 -1.32 21.31	37.04 -1.49 21.06	54.31 -1.45 0.17	35.60 -1.18 6.99	32.40 -0.97 0.06	24.07 -0.71 -0.19
HICKLING___2 23622	18.37 -0.93 6.66	25.05 -0.77 -0.03	21.97 -0.79 -0.18	21.13 -0.83 -0.14	24.31 -0.81 0.04	28.62 -0.92 0.03	37.24 -1.07 0.04	37.39 -1.24 0.04	29.19 -1.09 0.03	25.68 -1.15 0.02	21.63 -1.07 0.03	20.81 -1.15 -0.21	20.81 -1.11 -0.21	20.73 -1.08 -0.24	20.71 -1.12 -0.24	20.42 -0.77 -0.41	21.11 -0.86 -0.51	15.48 -1.25 18.94	26.11 -1.32 21.31	37.04 -1.49 21.06	54.31 -1.45 0.17	35.60 -1.18 6.99	32.40 -0.97 0.06	24.07 -0.71 -0.19
HIGH FALLS___HY 23754	28.57 1.92 -0.69	28.83 1.73 -1.30	28.40 1.51 -4.31	26.74 1.44 -3.49	26.80 1.64 0.00	31.53 1.95 0.00	40.85 2.49 0.00	41.42 2.75 0.00	32.80 2.49 0.00	28.71 1.85 0.00	24.48 1.75 0.00	29.02 1.94 -5.33	28.98 1.98 -5.29	29.29 1.94 -5.77	29.39 1.97 -5.83	32.65 1.89 -9.98	35.67 1.89 -12.32	42.53 3.46 -3.40	55.78 4.87 -2.17	68.00 6.14 -2.28	62.07 5.59 -0.54	51.03 4.16 -3.10	36.90 2.94 -0.52	31.83 2.04 -5.19
HIGH_RIVER___SOLAR 323847	27.70 1.25 -0.50	28.58 1.21 -1.57	28.82 1.06 -5.18	27.10 1.09 -4.19	26.39 1.23 0.00	31.11 1.54 0.00	40.43 2.07 0.00	40.41 1.74 0.00	31.31 1.00 0.00	27.53 0.67 0.00	23.18 0.45 0.00	28.50 0.35 -6.40	28.36 0.30 -6.35	28.78 0.28 -6.93	28.83 0.24 -7.00	32.83 0.29 -11.76	36.37 0.39 -14.52	39.58 1.07 -2.84	52.33 2.00 -1.60	64.30 3.04 -1.68	59.58 3.02 -0.63	49.43 2.32 -3.34	35.76 1.70 -0.62	32.03 1.23 -6.21
HILLBURN___GT 23639	28.51 1.84 -0.71	28.73 1.65 -1.28	28.25 1.45 -4.22	26.70 1.46 -3.42	26.75 1.59 0.00	31.50 1.92 0.00	40.85 2.49 0.00	41.38 2.71 0.00	32.68 2.37 0.00	28.71 1.85 0.00	24.52 1.80 0.00	28.96 1.96 -5.25	28.91 2.00 -5.21	29.28 2.03 -5.68	29.30 1.96 -5.74	32.31 1.89 -9.64	35.19 1.82 -11.91	42.19 3.17 -3.34	55.38 4.39 -2.26	67.32 5.37 -2.36	61.43 4.98 -0.52	50.52 3.72 -3.03	36.62 2.68 -0.50	31.56 1.92 -5.04
HILLSIDE_115KV_TB1 80332	16.93 -1.14 7.89	24.81 -0.98 0.00	21.69 -0.99 -0.11	20.85 -1.05 -0.08	24.06 -1.06 0.05	28.29 -1.24 0.04	36.81 -1.50 0.05	37.31 -1.31 0.05	29.00 -1.27 0.04	25.55 -1.29 0.02	21.60 -1.09 0.04	20.82 -1.07 -0.13	20.82 -1.02 -0.13	20.69 -1.04 -0.15	20.71 -1.04 -0.15	20.19 -0.94 -0.34	20.86 -1.03 -0.43	12.43 -1.50 21.74	21.73 -1.75 25.25	32.25 -2.09 25.25	53.75 -1.96 0.23	33.84 -1.58 8.35	32.08 -1.27 0.09	23.81 -0.89 -0.10

HISHELDN_WT_PWR 323625	20.53 -2.34 3.09	23.86 -2.01 -0.07	21.02 -1.85 -0.29	20.28 -1.77 -0.23	23.23 -1.91 0.02	27.31 -2.25 0.02	35.27 -3.07 0.02	35.33 -3.33 0.02	28.18 -2.12 0.02	24.89 -1.96 0.01	20.78 -1.93 0.02	20.05 -2.05 -0.35	20.06 -2.00 -0.35	20.01 -1.94 -0.38	19.99 -1.99 -0.38	19.68 -1.77 -0.67	20.35 -1.93 -0.83	23.41 -2.96 9.30	34.97 -4.00 9.77	44.38 -4.95 10.27	51.17 -4.64 0.12	37.22 -3.46 3.09	30.73 -2.71 0.00	23.16 -1.77 -0.34
HOLTSVILLE_IC_1 23690	51.66 2.36 -23.34	46.79 2.14 -18.86	43.63 1.87 -19.18	33.98 1.90 -10.26	43.38 2.04 -16.19	51.65 2.48 -19.59	53.12 3.18 -11.58	53.04 3.52 -10.85	33.07 2.76 0.00	28.96 2.10 0.00	24.96 2.23 0.00	30.56 2.48 -6.33	44.19 2.52 -19.96	45.42 2.52 -21.33	49.02 2.44 -24.99	46.72 2.35 -23.59	46.81 2.32 -23.03	50.58 3.92 -10.99	59.01 5.31 -4.96	70.18 6.44 -4.16	70.25 6.04 -8.28	56.70 4.55 -8.38	51.48 3.38 -14.67	50.52 2.44 -23.49
HOLTSVILLE_IC_10 23699	51.79 2.49 -23.34	46.89 2.24 -18.86	43.72 1.96 -19.18	34.09 2.01 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.20 2.88 0.00	29.06 2.20 0.00	25.05 2.32 0.00	30.67 2.59 -6.33	44.27 2.60 -19.96	45.51 2.61 -21.33	49.11 2.53 -24.99	46.82 2.45 -23.59	46.91 2.42 -23.03	50.80 4.14 -10.99	59.37 5.65 -4.98	70.67 6.91 -4.17	70.76 6.49 -8.34	57.09 4.90 -8.42	51.72 3.61 -14.67	50.66 2.58 -23.49
HOLTSVILLE_IC_2 23691	51.66 2.36 -23.34	46.79 2.14 -18.86	43.63 1.87 -19.18	33.98 1.90 -10.26	43.38 2.04 -16.19	51.65 2.48 -19.59	53.12 3.18 -11.58	53.04 3.52 -10.85	33.07 2.76 0.00	28.96 2.10 0.00	24.96 2.23 0.00	30.56 2.48 -6.33	44.19 2.52 -19.96	45.42 2.52 -21.33	49.02 2.44 -24.99	46.72 2.35 -23.59	46.81 2.32 -23.03	50.58 3.92 -10.99	59.01 5.31 -4.96	70.18 6.44 -4.16	70.25 6.04 -8.28	56.70 4.55 -8.38	51.48 3.38 -14.67	50.52 2.44 -23.49
HOLTSVILLE_IC_3 23692	51.66 2.36 -23.34	46.79 2.14 -18.86	43.63 1.87 -19.18	33.98 1.90 -10.26	43.38 2.04 -16.19	51.65 2.48 -19.59	53.12 3.18 -11.58	53.04 3.52 -10.85	33.07 2.76 0.00	28.96 2.10 0.00	24.96 2.23 0.00	30.56 2.48 -6.33	44.19 2.52 -19.96	45.42 2.52 -21.33	49.02 2.44 -24.99	46.72 2.35 -23.59	46.81 2.32 -23.03	50.58 3.92 -10.99	59.01 5.31 -4.96	70.18 6.44 -4.16	70.25 6.04 -8.28	56.70 4.55 -8.38	51.48 3.38 -14.67	50.52 2.44 -23.49
HOLTSVILLE_IC_4 23693	51.66 2.36 -23.34	46.79 2.14 -18.86	43.63 1.87 -19.18	33.98 1.90 -10.26	43.38 2.04 -16.19	51.65 2.48 -19.59	53.12 3.18 -11.58	53.04 3.52 -10.85	33.07 2.76 0.00	28.96 2.10 0.00	24.96 2.23 0.00	30.56 2.48 -6.33	44.19 2.52 -19.96	45.42 2.52 -21.33	49.02 2.44 -24.99	46.72 2.35 -23.59	46.81 2.32 -23.03	50.58 3.92 -10.99	59.01 5.31 -4.96	70.18 6.44 -4.16	70.25 6.04 -8.28	56.70 4.55 -8.38	51.48 3.38 -14.67	50.52 2.44 -23.49
HOLTSVILLE_IC_5 23694	51.66 2.36 -23.34	46.79 2.14 -18.86	43.63 1.87 -19.18	33.98 1.90 -10.26	43.38 2.04 -16.19	51.65 2.48 -19.59	53.12 3.18 -11.58	53.04 3.52 -10.85	33.07 2.76 0.00	28.96 2.10 0.00	24.96 2.23 0.00	30.56 2.48 -6.33	44.19 2.52 -19.96	45.42 2.52 -21.33	49.02 2.44 -24.99	46.72 2.35 -23.59	46.81 2.32 -23.03	50.58 3.92 -10.99	59.01 5.31 -4.96	70.18 6.44 -4.16	70.25 6.04 -8.28	56.70 4.55 -8.38	51.48 3.38 -14.67	50.52 2.44 -23.49
HOLTSVILLE_IC_6 23695	51.79 2.49 -23.34	46.89 2.24 -18.86	43.72 1.96 -19.18	34.09 2.01 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.20 2.88 0.00	29.06 2.20 0.00	25.05 2.32 0.00	30.67 2.59 -6.33	44.27 2.60 -19.96	45.51 2.61 -21.33	49.11 2.53 -24.99	46.82 2.45 -23.59	46.91 2.42 -23.03	50.80 4.14 -10.99	59.37 5.65 -4.98	70.67 6.91 -4.17	70.76 6.49 -8.34	57.09 4.90 -8.42	51.72 3.61 -14.67	50.66 2.58 -23.49
HOLTSVILLE_IC_7 23696	51.79 2.49 -23.34	46.89 2.24 -18.86	43.72 1.96 -19.18	34.09 2.01 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.20 2.88 0.00	29.06 2.20 0.00	25.05 2.32 0.00	30.67 2.59 -6.33	44.27 2.60 -19.96	45.51 2.61 -21.33	49.11 2.53 -24.99	46.82 2.45 -23.59	46.91 2.42 -23.03	50.80 4.14 -10.99	59.37 5.65 -4.98	70.67 6.91 -4.17	70.76 6.49 -8.34	57.09 4.90 -8.42	51.72 3.61 -14.67	50.66 2.58 -23.49
HOLTSVILLE_IC_8 23697	51.79 2.49 -23.34	46.89 2.24 -18.86	43.72 1.96 -19.18	34.09 2.01 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.20 2.88 0.00	29.06 2.20 0.00	25.05 2.32 0.00	30.67 2.59 -6.33	44.27 2.60 -19.96	45.51 2.61 -21.33	49.11 2.53 -24.99	46.82 2.45 -23.59	46.91 2.42 -23.03	50.80 4.14 -10.99	59.37 5.65 -4.98	70.67 6.91 -4.17	70.76 6.49 -8.34	57.09 4.90 -8.42	51.72 3.61 -14.67	50.66 2.58 -23.49
HOLTSVILLE_IC_9 23698	51.79 2.49 -23.34	46.89 2.24 -18.86	43.72 1.96 -19.18	34.09 2.01 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.20 2.88 0.00	29.06 2.20 0.00	25.05 2.32 0.00	30.67 2.59 -6.33	44.27 2.60 -19.96	45.51 2.61 -21.33	49.11 2.53 -24.99	46.82 2.45 -23.59	46.91 2.42 -23.03	50.80 4.14 -10.99	59.37 5.65 -4.98	70.67 6.91 -4.17	70.76 6.49 -8.34	57.09 4.90 -8.42	51.72 3.61 -14.67	50.66 2.58 -23.49
HOMER_HL_115KV_TB2 355744	21.67 -1.12 3.17	24.86 -1.01 -0.07	21.67 -1.20 -0.29	20.72 -1.33 -0.23	23.60 -1.53 0.02	27.69 -1.86 0.02	36.49 -1.84 0.02	37.26 -1.39 0.02	28.42 -1.88 0.02	25.02 -1.83 0.01	21.44 -1.27 0.02	21.14 -0.96 -0.34	21.13 -0.91 -0.34	20.89 -1.06 -0.37	20.95 -1.01 -0.37	20.84 -0.60 -0.66	21.58 -0.71 -0.83	25.30 -1.07 9.30	38.06 -1.27 9.40	48.11 -1.61 9.86	54.42 -1.40 0.11	39.63 -1.18 2.96	32.43 -1.00 0.00	24.23 -0.66 -0.30
HOWARD_WT_PWR 323690	19.50 -2.13 4.33	23.93 -1.94 -0.07	21.11 -1.76 -0.29	20.35 -1.70 -0.23	23.27 -1.86 0.03	27.54 -2.01 0.02	35.53 -2.80 0.03	35.44 -3.21 0.03	27.96 -2.33 0.02	24.56 -2.28 0.01	20.52 -2.18 0.02	19.78 -2.33 -0.36	19.76 -2.30 -0.35	19.72 -2.24 -0.39	19.67 -2.31 -0.39	19.55 -1.91 -0.68	20.36 -1.95 -0.85	19.77 -2.89 13.01	30.67 -3.41 14.65	41.81 -3.93 13.84	51.95 -3.92 0.07	35.77 -3.28 4.72	30.71 -2.71 0.02	22.97 -1.97 -0.34
HQ_GEN_CEDARS 23644	25.28 -0.67 0.00	25.23 -0.57 0.00	22.06 -0.52 0.00	21.29 -0.52 0.00	24.46 -0.70 0.00	28.72 -0.86 0.00	37.55 -0.81 0.00	37.55 -1.12 0.00	29.34 -0.97 0.00	26.24 -0.62 0.00	22.16 -0.57 0.00	21.40 -0.35 0.00	21.27 -0.43 0.00	20.99 -0.58 0.00	21.08 -0.52 0.00	20.22 -0.56 0.00	20.90 -0.56 0.00	34.71 -0.96 0.00	47.71 -1.02 0.00	58.34 -1.25 0.00	54.87 -1.06 0.00	42.98 -0.79 0.00	32.73 -0.70 0.00	24.08 -0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	25.28 -0.68 0.00	25.18 -0.62 0.00	22.06 -0.52 0.00	21.23 -0.59 0.00	24.46 -0.70 0.00	28.75 -0.83 0.00	37.51 -0.84 0.00	37.55 -1.12 0.00	29.34 -0.97 0.00	26.24 -0.62 0.00	22.16 -0.57 0.00	21.40 -0.35 0.00	21.30 -0.41 0.00	20.99 -0.58 0.00	21.08 -0.52 0.00	20.22 -0.56 0.00	20.90 -0.56 0.00	34.71 -0.96 0.00	47.71 -1.03 0.00	58.33 -1.25 0.00	54.81 -1.12 0.00	42.98 -0.79 0.00	32.80 -0.64 0.00	24.08 -0.52 0.00

HQ_GEN_CHPE_PROXY 323851	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.30	26.80 1.50 -3.48	26.77 1.61 0.00	-5.00 1.98 36.55	-5.00 2.53 45.89	-5.00 2.94 46.61	-5.00 2.61 37.92	-5.00 2.10 33.96	-5.00 2.00 29.73	29.46 2.35 -5.36	29.42 2.39 -5.32	29.79 2.42 -5.80	29.74 2.29 -5.86	32.83 2.20 -9.85	35.72 2.10 -12.16	41.58 3.53 -2.38	55.72 4.87 -2.11	67.58 5.78 -2.21	61.84 5.37 -0.53	50.88 4.07 -3.04	36.86 2.91 -0.52	31.85 2.12 -5.15
HQ_GEN_IMPORT 323601	25.75 -0.21 0.00	25.62 -0.18 0.00	22.42 -0.16 0.00	21.64 -0.18 0.00	24.93 -0.23 0.00	29.34 -0.24 0.00	38.05 -0.31 0.00	38.32 -0.35 0.00	30.04 -0.27 0.00	26.64 -0.22 0.00	22.54 -0.18 0.00	21.60 -0.15 0.00	21.56 -0.15 0.00	21.40 -0.17 0.00	21.44 -0.15 0.00	20.61 -0.17 0.00	21.31 -0.15 0.00	35.38 -0.29 0.00	48.39 -0.34 0.00	59.17 -0.41 0.00	55.54 -0.39 0.00	43.47 -0.30 0.00	33.20 -0.23 0.00	24.42 -0.17 0.00
HQ_GEN_WHEEL 23651	25.75 -0.21 0.00	25.62 -0.18 0.00	22.42 -0.16 0.00	21.64 -0.18 0.00	24.93 -0.23 0.00	29.34 -0.24 0.00	38.05 -0.31 0.00	38.32 -0.35 0.00	30.04 -0.27 0.00	26.64 -0.22 0.00	22.54 -0.18 0.00	21.60 -0.15 0.00	21.56 -0.15 0.00	21.40 -0.17 0.00	21.44 -0.15 0.00	20.61 -0.17 0.00	21.31 -0.15 0.00	35.38 -0.29 0.00	48.39 -0.34 0.00	59.17 -0.41 0.00	55.54 -0.39 0.00	43.47 -0.30 0.00	33.20 -0.23 0.00	24.42 -0.17 0.00
HUDSON AVE_GT_3 23810	28.62 2.00 -0.67	28.90 1.81 -1.30	28.43 1.56 -4.29	26.76 1.46 -3.48	26.85 1.69 0.00	31.53 1.95 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.98 2.12 0.00	24.77 2.05 0.00	29.36 2.37 -5.24	29.32 2.41 -5.20	29.64 2.39 -5.67	29.68 2.35 -5.73	32.90 2.26 -9.85	35.79 2.17 -12.16	41.69 3.64 -2.38	55.89 5.02 -2.14	67.85 6.02 -2.24	62.06 5.59 -0.54	51.07 4.25 -3.05	36.99 3.04 -0.52	31.88 2.16 -5.12
HUDSON AVE_GT_4 23540	28.62 2.00 -0.67	28.90 1.81 -1.30	28.43 1.56 -4.29	26.76 1.46 -3.48	26.85 1.69 0.00	31.53 1.95 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.98 2.12 0.00	24.77 2.05 0.00	29.36 2.37 -5.24	29.32 2.41 -5.20	29.64 2.39 -5.67	29.68 2.35 -5.73	32.90 2.26 -9.85	35.79 2.17 -12.16	41.69 3.64 -2.38	55.89 5.02 -2.14	67.85 6.02 -2.24	62.06 5.59 -0.54	51.07 4.25 -3.05	36.99 3.04 -0.52	31.88 2.16 -5.12
HUDSON AVE_GT_5 23657	28.62 2.00 -0.67	28.90 1.81 -1.30	28.43 1.56 -4.29	26.76 1.46 -3.48	26.85 1.69 0.00	31.53 1.95 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.98 2.12 0.00	24.77 2.05 0.00	29.36 2.37 -5.24	29.32 2.41 -5.20	29.64 2.39 -5.67	29.68 2.35 -5.73	32.90 2.26 -9.85	35.79 2.17 -12.16	41.69 3.64 -2.38	55.89 5.02 -2.14	67.85 6.02 -2.24	62.06 5.59 -0.54	51.07 4.25 -3.05	36.99 3.04 -0.52	31.88 2.16 -5.12
HUDSON_AVE_10 24168	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.29	26.69 1.40 -3.48	26.75 1.59 0.00	31.44 1.86 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.89 2.58 0.00	28.90 2.04 0.00	24.70 1.98 0.00	29.30 2.31 -5.24	29.25 2.34 -5.20	29.58 2.33 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.75 2.12 -12.16	41.62 3.57 -2.38	55.80 4.92 -2.14	67.67 5.84 -2.24	61.84 5.37 -0.54	50.98 4.16 -3.05	36.89 2.94 -0.52	31.81 2.09 -5.12
HUDSON___115KV_TB 4 355613	27.85 1.40 -0.49	28.44 1.19 -1.46	28.44 1.04 -4.82	26.75 1.03 -3.91	26.52 1.36 0.00	31.08 1.51 0.00	40.24 1.88 0.00	40.37 1.70 0.00	31.47 1.15 0.00	27.75 0.89 0.00	23.52 0.80 0.00	28.37 0.59 -6.03	28.26 0.56 -5.99	28.67 0.56 -6.53	28.76 0.56 -6.60	32.46 0.58 -11.10	35.78 0.62 -13.70	39.67 1.32 -2.68	52.57 2.24 -1.59	64.30 3.04 -1.67	59.09 2.57 -0.59	48.85 1.93 -3.15	35.55 1.54 -0.57	31.57 1.21 -5.77
HUNTER MOUNT___DRP 323613	27.98 1.51 -0.52	28.37 1.13 -1.44	28.33 0.99 -4.75	26.65 0.98 -3.85	26.59 1.43 0.00	31.23 1.66 0.00	40.39 2.03 0.00	40.49 1.82 0.00	31.53 1.21 0.00	27.75 0.89 0.00	23.50 0.77 0.00	28.17 0.48 -5.94	28.04 0.43 -5.90	28.44 0.43 -6.43	28.55 0.45 -6.50	32.21 0.48 -10.95	35.49 0.52 -13.52	39.53 1.21 -2.64	52.78 2.39 -1.66	64.60 3.28 -1.74	59.03 2.52 -0.58	48.79 1.88 -3.14	35.47 1.47 -0.57	31.40 1.11 -5.70
HUNTINGTON_RES_REC 323705	51.40 2.10 -23.34	46.53 1.88 -18.86	43.40 1.65 -19.18	33.76 1.68 -10.26	43.16 1.81 -16.19	51.38 2.22 -19.59	52.73 2.80 -11.58	52.69 3.17 -10.85	32.83 2.51 0.00	28.77 1.91 0.00	24.77 2.05 0.00	30.38 2.30 -6.33	44.01 2.35 -19.96	45.27 2.37 -21.33	48.87 2.29 -24.99	46.57 2.20 -23.59	46.64 2.15 -23.03	50.26 3.60 -10.99	58.27 4.53 -5.01	69.25 5.48 -4.19	69.47 5.14 -8.39	56.04 3.81 -8.46	51.08 2.97 -14.67	50.30 2.21 -23.49
HUNTLEY___63 23557	20.89 -2.60 2.47	23.45 -2.42 -0.08	20.80 -2.08 -0.30	20.15 -1.90 -0.24	23.03 -2.11 0.02	27.19 -2.37 0.02	35.00 -3.34 0.02	35.25 -3.40 0.02	28.32 -1.97 0.02	25.12 -1.72 0.02	20.89 -1.82 0.02	20.08 -2.02 -0.35	20.10 -1.95 -0.35	20.12 -1.83 -0.38	20.05 -1.92 -0.38	19.59 -1.85 -0.66	20.08 -2.19 -0.81	25.31 -3.21 7.15	36.38 -4.68 7.67	45.14 -6.02 8.43	49.97 -5.87 0.09	37.31 -4.07 2.39	30.33 -3.11 -0.01	22.88 -2.04 -0.33
HUNTLEY___64 23558	20.89 -2.60 2.47	23.45 -2.42 -0.08	20.80 -2.08 -0.30	20.15 -1.90 -0.24	23.03 -2.11 0.02	27.19 -2.37 0.02	35.00 -3.34 0.02	35.25 -3.40 0.02	28.32 -1.97 0.02	25.12 -1.72 0.02	20.89 -1.82 0.02	20.08 -2.02 -0.35	20.10 -1.95 -0.35	20.12 -1.83 -0.38	20.05 -1.92 -0.38	19.59 -1.85 -0.66	20.08 -2.19 -0.81	25.31 -3.21 7.15	36.38 -4.68 7.67	45.14 -6.02 8.43	49.97 -5.87 0.09	37.31 -4.07 2.39	30.33 -3.11 -0.01	22.88 -2.04 -0.33
HUNTLEY___65 23559	20.89 -2.60 2.47	23.45 -2.42 -0.08	20.80 -2.08 -0.30	20.15 -1.90 -0.24	23.03 -2.11 0.02	27.19 -2.37 0.02	35.00 -3.34 0.02	35.25 -3.40 0.02	28.32 -1.97 0.02	25.12 -1.72 0.02	20.89 -1.82 0.02	20.08 -2.02 -0.35	20.10 -1.95 -0.35	20.12 -1.83 -0.38	20.05 -1.92 -0.38	19.59 -1.85 -0.66	20.08 -2.19 -0.81	25.31 -3.21 7.15	36.38 -4.68 7.67	45.14 -6.02 8.43	49.97 -5.87 0.09	37.31 -4.07 2.39	30.33 -3.11 -0.01	22.88 -2.04 -0.33
HUNTLEY___66 23560	20.89 -2.60 2.47	23.45 -2.42 -0.08	20.80 -2.08 -0.30	20.15 -1.90 -0.24	23.03 -2.11 0.02	27.19 -2.37 0.02	35.00 -3.34 0.02	35.25 -3.40 0.02	28.32 -1.97 0.02	25.12 -1.72 0.02	20.89 -1.82 0.02	20.08 -2.02 -0.35	20.10 -1.95 -0.35	20.12 -1.83 -0.38	20.05 -1.92 -0.38	19.59 -1.85 -0.66	20.08 -2.19 -0.81	25.31 -3.21 7.15	36.38 -4.68 7.67	45.14 -6.02 8.43	49.97 -5.87 0.09	37.31 -4.07 2.39	30.33 -3.11 -0.01	22.88 -2.04 -0.33
HUNTLEY___67 23561	20.77 -2.65 2.54	23.58 -2.30 -0.08	20.86 -2.01 -0.29	20.22 -1.83 -0.23	23.11 -2.04 0.02	27.25 -2.31 0.01	35.12 -3.22 0.02	35.37 -3.29 0.02	28.36 -1.94 0.01	25.16 -1.69 0.01	20.96 -1.75 0.01	20.14 -1.96 -0.35	20.14 -1.91 -0.34	20.12 -1.83 -0.38	20.07 -1.90 -0.38	19.64 -1.79 -0.65	20.18 -2.08 -0.81	25.05 -3.32 7.31	36.24 -4.68 7.82	45.04 -6.02 8.53	50.14 -5.71 0.09	37.20 -4.11 2.45	30.46 -2.98 -0.01	22.95 -1.97 -0.33

HUNTLEY___68 23562	20.77 -2.65 2.54	23.58 -2.30 -0.08	20.86 -2.01 -0.29	20.22 -1.83 -0.23	23.11 -2.04 0.02	27.25 -2.31 0.01	35.12 -3.22 0.02	35.37 -3.29 0.02	28.36 -1.94 0.01	25.16 -1.69 0.01	20.96 -1.75 0.01	20.14 -1.96 -0.35	20.14 -1.91 -0.34	20.12 -1.83 -0.38	20.07 -1.90 -0.38	19.64 -1.79 -0.65	20.18 -2.08 -0.81	25.05 -3.32 7.31	36.24 -4.68 7.82	45.04 -6.02 8.53	50.14 -5.71 0.09	37.20 -4.11 2.45	30.46 -2.98 -0.01	22.95 -1.97 -0.33
HYLAND___LFGE 323620	21.94 -0.91 3.11	25.30 -0.57 -0.08	22.31 -0.56 -0.29	21.53 -0.52 -0.23	24.79 -0.35 0.02	29.26 -0.30 0.02	37.88 -0.46 0.02	37.69 -0.97 0.02	29.81 -0.49 0.01	25.88 -0.97 0.01	21.44 -1.27 0.01	20.54 -1.57 -0.36	20.48 -1.58 -0.35	20.45 -1.51 -0.39	20.43 -1.56 -0.39	20.17 -1.29 -0.68	21.04 -1.27 -0.84	24.87 -1.60 9.20	37.30 -1.31 10.12	48.56 -0.78 10.25	55.36 -0.45 0.12	40.08 -0.48 3.20	32.73 -0.70 0.00	24.47 -0.47 -0.35
INDECK___CORINTH 23802	27.70 1.74 0.00	29.07 1.75 -1.52	29.10 1.49 -5.03	27.44 1.55 -4.07	26.90 1.73 0.00	31.79 2.22 0.00	41.43 3.07 0.00	41.34 2.67 0.00	32.16 1.85 0.00	28.39 1.53 0.00	24.02 1.29 0.00	29.13 1.11 -6.26	28.97 1.04 -6.22	29.37 1.01 -6.78	29.44 0.99 -6.85	33.33 1.04 -11.52	36.77 1.09 -14.22	40.52 2.07 -2.78	51.86 3.12 0.00	63.82 4.23 0.00	60.76 4.25 -0.58	49.66 3.19 -2.70	36.36 2.34 -0.59	32.30 1.67 -6.03
INDECK___ILION 23567	25.70 -0.26 0.00	25.46 -0.34 0.00	22.26 -0.32 0.00	21.42 -0.39 0.00	24.71 -0.45 0.00	29.04 -0.53 0.00	37.63 -0.73 0.00	37.94 -0.73 0.00	29.59 -0.73 0.00	26.27 -0.59 0.00	22.27 -0.45 0.00	21.27 -0.48 0.00	21.01 -0.69 0.00	20.88 -0.69 0.00	20.90 -0.69 0.00	20.14 -0.64 0.00	20.86 -0.60 0.00	34.92 -0.75 0.00	48.05 -0.68 0.00	59.05 -0.54 0.00	55.26 -0.67 0.00	43.07 -0.70 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
INDECK___OLEAN 23982	21.67 -1.12 3.17	24.79 -1.08 -0.07	21.67 -1.20 -0.29	21.00 -1.05 -0.23	23.60 -1.54 0.02	28.25 -1.30 0.02	36.99 -1.34 0.02	37.80 -0.85 0.02	28.60 -1.70 0.02	25.21 -1.64 0.01	21.64 -1.07 0.02	21.17 -0.93 -0.35	21.08 -0.98 -0.35	20.97 -0.99 -0.38	20.95 -1.04 -0.39	20.83 -0.62 -0.67	21.58 -0.71 -0.83	25.30 -1.07 9.30	38.01 -1.27 9.45	48.06 -1.61 9.92	54.42 -1.40 0.11	39.61 -1.18 2.98	32.44 -1.00 0.00	24.29 -0.64 -0.34
INDECK___OSWEGO 23783	24.84 -0.52 0.60	25.39 -0.52 -0.11	22.51 -0.43 -0.36	21.69 -0.42 -0.29	24.73 -0.43 0.00	29.07 -0.50 0.00	37.67 -0.69 0.00	38.05 -0.62 0.00	29.89 -0.42 0.00	26.40 -0.46 0.00	22.29 -0.43 0.00	21.72 -0.48 -0.44	21.69 -0.46 -0.44	21.62 -0.43 -0.48	21.62 -0.45 -0.48	21.16 -0.44 -0.81	22.01 -0.45 -1.00	35.05 -0.82 -0.20	45.56 -1.22 1.95	57.21 -1.43 0.94	55.98 -1.34 -1.39	42.23 -1.05 0.49	32.69 -0.77 -0.03	24.46 -0.56 -0.43
INDECK___YERKES 23781	20.89 -2.60 2.47	23.53 -2.35 -0.08	20.80 -2.08 -0.30	20.02 -2.03 -0.24	23.03 -2.11 0.02	26.89 -2.66 0.02	34.66 -3.68 0.02	34.79 -3.87 0.02	28.26 -2.03 0.02	25.04 -1.80 0.02	20.77 -1.93 0.02	20.07 -2.05 -0.36	20.11 -1.95 -0.36	20.09 -1.88 -0.39	20.09 -1.90 -0.39	19.58 -1.87 -0.68	20.13 -2.17 -0.84	25.31 -3.21 7.15	36.39 -4.63 7.71	45.10 -6.02 8.48	50.03 -5.82 0.09	37.34 -4.03 2.41	30.23 -3.21 -0.01	22.92 -2.02 -0.35
INDIAN POINT_GT_1 24139	28.45 1.82 -0.67	28.74 1.65 -1.29	28.27 1.42 -4.27	26.63 1.35 -3.46	26.72 1.56 0.00	31.35 1.77 0.00	40.62 2.26 0.00	41.22 2.55 0.00	32.71 2.39 0.00	28.71 1.85 0.00	24.52 1.80 0.00	29.03 2.02 -5.26	29.01 2.08 -5.22	29.33 2.07 -5.69	29.39 2.05 -5.75	32.52 1.95 -9.79	35.44 1.89 -12.09	41.28 3.25 -2.36	55.39 4.48 -2.17	67.29 5.42 -2.28	61.50 5.03 -0.53	50.58 3.76 -3.05	36.69 2.74 -0.51	31.63 1.94 -5.09
INDIAN POINT_GT_2 23659	28.45 1.82 -0.67	28.74 1.65 -1.29	28.27 1.42 -4.27	26.63 1.35 -3.46	26.72 1.56 0.00	31.35 1.77 0.00	40.62 2.26 0.00	41.22 2.55 0.00	32.71 2.39 0.00	28.71 1.85 0.00	24.52 1.80 0.00	29.03 2.02 -5.26	29.01 2.08 -5.22	29.33 2.07 -5.69	29.39 2.05 -5.75	32.52 1.95 -9.79	35.44 1.89 -12.09	41.28 3.25 -2.36	55.39 4.48 -2.17	67.29 5.42 -2.28	61.50 5.03 -0.53	50.58 3.76 -3.05	36.69 2.74 -0.51	31.63 1.94 -5.09
INDIAN POINT_GT_3 24019	28.45 1.82 -0.67	28.74 1.65 -1.29	28.27 1.42 -4.27	26.63 1.35 -3.46	26.72 1.56 0.00	31.35 1.77 0.00	40.62 2.26 0.00	41.22 2.55 0.00	32.71 2.39 0.00	28.71 1.85 0.00	24.52 1.80 0.00	29.03 2.02 -5.26	29.01 2.08 -5.22	29.33 2.07 -5.69	29.39 2.05 -5.75	32.52 1.95 -9.79	35.44 1.89 -12.09	41.28 3.25 -2.36	55.39 4.48 -2.17	67.29 5.42 -2.28	61.50 5.03 -0.53	50.58 3.76 -3.05	36.69 2.74 -0.51	31.63 1.94 -5.09
INDIAN POINT___2 23530	28.46 1.82 -0.69	28.72 1.63 -1.30	28.28 1.42 -4.28	26.72 1.44 -3.46	26.70 1.53 0.00	31.47 1.89 0.00	40.77 2.42 0.00	41.42 2.75 0.00	32.74 2.43 0.00	28.77 1.91 0.00	24.57 1.84 0.00	29.08 2.04 -5.28	29.04 2.08 -5.24	29.39 2.09 -5.72	29.40 2.03 -5.78	32.42 1.93 -9.71	35.34 1.89 -11.99	41.23 3.21 -2.34	55.35 4.43 -2.18	67.24 5.37 -2.29	61.44 4.98 -0.53	50.52 3.72 -3.03	36.62 2.68 -0.51	31.61 1.94 -5.08
INDIAN POINT___3 23531	28.45 1.82 -0.67	28.71 1.63 -1.29	28.27 1.42 -4.27	26.60 1.33 -3.46	26.70 1.53 0.00	31.35 1.77 0.00	40.58 2.22 0.00	41.19 2.51 0.00	32.71 2.39 0.00	28.69 1.83 0.00	24.52 1.80 0.00	29.01 2.00 -5.26	28.99 2.06 -5.22	29.31 2.05 -5.69	29.37 2.03 -5.75	32.51 1.93 -9.79	35.44 1.89 -12.09	41.24 3.21 -2.36	55.34 4.43 -2.17	67.23 5.36 -2.28	61.44 4.98 -0.53	50.54 3.72 -3.05	36.66 2.71 -0.51	31.61 1.92 -5.09
INDIANHD_69_KV_BK1 55831	51.94 2.65 -23.34	47.05 2.40 -18.86	43.85 2.10 -19.18	34.09 2.01 -10.26	43.64 2.29 -16.19	51.85 2.69 -19.59	53.35 3.41 -11.58	53.23 3.71 -10.85	33.29 2.97 0.00	29.09 2.23 0.00	25.11 2.39 0.00	30.61 2.65 -6.21	44.24 2.69 -19.84	45.43 2.65 -21.20	49.11 2.66 -24.86	46.93 2.56 -23.60	47.05 2.55 -23.03	51.05 4.39 -10.99	59.83 6.09 -5.01	71.23 7.45 -4.20	71.25 6.99 -8.32	57.44 5.25 -8.42	51.95 3.85 -14.67	50.79 2.73 -23.47
INGHAM_C_115KV_TB7 356103	25.70 -0.26 0.00	25.46 -0.34 0.00	22.26 -0.32 0.00	21.42 -0.39 0.00	24.71 -0.45 0.00	29.04 -0.53 0.00	37.63 -0.73 0.00	37.94 -0.73 0.00	29.59 -0.73 0.00	26.27 -0.59 0.00	22.27 -0.45 0.00	21.27 -0.48 0.00	21.01 -0.69 0.00	20.88 -0.69 0.00	20.90 -0.69 0.00	20.14 -0.64 0.00	20.86 -0.60 0.00	34.92 -0.75 0.00	48.05 -0.68 0.00	59.05 -0.54 0.00	55.26 -0.67 0.00	43.07 -0.70 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
IP CORINTH___1 23988	27.70 1.74 0.00	29.05 1.73 -1.52	29.10 1.49 -5.03	27.39 1.51 -4.07	26.90 1.74 0.00	31.76 2.19 0.00	41.35 2.99 0.00	41.30 2.63 0.00	32.16 1.85 0.00	28.39 1.53 0.00	24.02 1.30 0.00	29.13 1.11 -6.27	28.97 1.04 -6.22	29.38 1.01 -6.79	29.45 0.99 -6.86	33.34 1.04 -11.52	36.77 1.09 -14.22	40.52 2.07 -2.78	51.85 3.12 0.00	63.82 4.23 0.00	60.76 4.25 -0.58	49.66 3.20 -2.70	36.36 2.34 -0.58	32.26 1.67 -5.99

IP___TICONDEROGA 23804	28.34 2.39 0.00	29.77 2.45 -1.52	29.73 2.12 -5.02	28.02 2.14 -4.07	27.63 2.47 0.00	32.74 3.16 0.00	42.73 4.37 0.00	42.23 3.56 0.00	32.74 2.43 0.00	28.82 1.96 0.00	24.36 1.64 0.00	29.41 1.39 -6.27	29.19 1.26 -6.22	29.59 1.23 -6.78	29.64 1.19 -6.85	33.60 1.31 -11.51	37.04 1.37 -14.21	41.16 2.71 -2.78	53.12 4.39 0.00	65.84 6.26 0.00	62.89 6.38 -0.58	51.15 4.68 -2.69	37.40 3.38 -0.58	32.94 2.36 -5.99
ISLIP_RES_REC 323679	51.87 2.57 -23.34	46.97 2.32 -18.86	43.79 2.03 -19.18	34.15 2.07 -10.26	43.58 2.24 -16.19	51.88 2.72 -19.59	53.46 3.53 -11.58	53.38 3.87 -10.85	33.29 2.97 0.00	29.14 2.28 0.00	25.11 2.39 0.00	30.73 2.65 -6.33	44.34 2.67 -19.96	45.58 2.67 -21.33	49.19 2.61 -24.99	46.89 2.51 -23.59	46.98 2.49 -23.03	50.90 4.24 -10.99	59.63 5.89 -5.00	70.98 7.21 -4.18	71.08 6.77 -8.38	57.30 5.08 -8.45	51.85 3.74 -14.67	50.74 2.66 -23.49
JAMAICA__27_KV_LOAD 355505	28.70 2.08 -0.67	28.95 1.86 -1.30	28.48 1.60 -4.29	26.80 1.51 -3.48	26.90 1.74 0.00	31.64 2.07 0.00	40.96 2.61 0.00	41.73 3.06 0.00	33.10 2.79 0.00	29.09 2.23 0.00	24.84 2.11 0.00	29.43 2.44 -5.24	29.41 2.50 -5.20	29.73 2.48 -5.67	29.77 2.44 -5.73	33.00 2.37 -9.85	35.92 2.30 -12.16	41.94 3.89 -2.38	56.24 5.36 -2.14	68.09 6.26 -2.24	62.29 5.82 -0.54	51.37 4.55 -3.05	37.16 3.21 -0.52	31.98 2.26 -5.12
JANIS___SOLAR 323808	26.86 0.91 0.00	27.01 0.80 -0.41	24.69 0.74 -1.37	23.62 0.70 -1.11	26.12 0.96 0.00	30.76 1.18 0.00	40.16 1.80 0.00	40.64 1.97 0.00	31.50 1.18 0.00	27.61 0.75 0.00	23.09 0.36 0.00	23.39 0.17 -1.47	23.29 0.13 -1.46	23.27 0.11 -1.59	23.28 0.09 -1.60	23.62 0.15 -2.69	25.10 0.32 -3.32	37.33 1.00 -0.66	50.69 1.95 -0.01	63.42 2.98 -0.85	58.94 2.57 -0.43	46.30 1.88 -0.65	34.81 1.24 -0.14	26.82 0.79 -1.44
JARVIS____ 23743	26.14 0.18 0.00	25.95 0.16 0.00	22.72 0.14 0.00	21.95 0.13 0.00	25.31 0.15 0.00	29.75 0.18 0.00	38.59 0.23 0.00	38.91 0.23 0.00	30.47 0.15 0.00	26.99 0.13 0.00	22.84 0.11 0.00	21.86 0.11 0.00	21.82 0.11 0.00	21.68 0.11 0.00	21.70 0.10 0.00	20.88 0.11 0.00	21.57 0.11 0.00	35.89 0.22 0.00	49.03 0.29 0.00	60.01 0.42 0.00	56.27 0.34 0.00	44.03 0.26 0.00	33.64 0.20 0.00	24.74 0.15 0.00
JENNISON___1 23625	29.05 1.09 -2.00	27.31 0.88 -0.63	25.47 0.81 -2.08	24.28 0.79 -1.68	26.18 1.01 -0.01	30.79 1.21 -0.01	40.59 2.22 -0.01	41.12 2.44 -0.01	31.93 1.61 -0.01	28.18 1.32 -0.01	23.69 0.95 -0.01	24.68 0.85 -2.08	24.60 0.82 -2.06	24.58 0.76 -2.25	24.67 0.80 -2.27	25.39 0.73 -3.88	27.04 0.79 -4.79	43.03 1.75 -5.61	58.43 2.24 -7.45	71.10 3.16 -8.35	59.10 2.63 -0.54	49.15 1.93 -3.46	34.94 1.27 -0.23	27.39 0.81 -1.99
JENNISON___2 23626	29.05 1.09 -2.00	27.31 0.88 -0.63	25.47 0.81 -2.08	24.28 0.79 -1.68	26.18 1.01 -0.01	30.79 1.21 -0.01	40.59 2.22 -0.01	41.12 2.44 -0.01	31.93 1.61 -0.01	28.18 1.32 -0.01	23.69 0.95 -0.01	24.68 0.85 -2.08	24.60 0.82 -2.06	24.58 0.76 -2.25	24.67 0.80 -2.27	25.39 0.73 -3.88	27.04 0.79 -4.79	43.03 1.75 -5.61	58.43 2.24 -7.45	71.10 3.16 -8.35	59.10 2.63 -0.54	49.15 1.93 -3.46	34.94 1.27 -0.23	27.39 0.81 -1.99
JERICHO_RISE_WT_PWR 323719	25.28 -0.68 0.00	25.20 -0.59 0.00	22.06 -0.52 0.00	21.18 -0.63 0.00	24.35 -0.81 0.00	28.66 -0.92 0.00	37.24 -1.11 0.00	37.36 -1.31 0.00	29.28 -1.03 0.00	26.08 -0.78 0.00	22.02 -0.70 0.00	21.19 -0.57 0.00	21.12 -0.59 0.00	20.93 -0.65 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.74 -0.93 0.00	47.76 -0.97 0.00	58.33 -1.25 0.00	54.81 -1.12 0.00	42.85 -0.92 0.00	32.63 -0.80 0.00	23.91 -0.69 0.00
KATONAH___115KV_46KV_TB4 355592	28.51 1.89 -0.65	28.83 1.73 -1.31	28.42 1.51 -4.33	26.76 1.44 -3.50	26.80 1.64 0.00	31.47 1.89 0.00	40.73 2.38 0.00	41.30 2.63 0.00	32.86 2.55 0.00	28.79 1.93 0.00	24.59 1.86 0.00	29.11 2.07 -5.29	29.11 2.15 -5.25	29.46 2.16 -5.72	29.49 2.12 -5.78	32.73 2.02 -9.94	35.68 1.95 -12.27	41.49 3.42 -2.40	55.51 4.68 -2.10	67.51 5.72 -2.20	61.79 5.31 -0.54	50.77 3.94 -3.06	36.80 2.84 -0.52	31.78 2.02 -5.17
KCE_NY_1 323755	27.49 1.53 0.00	28.84 1.52 -1.52	28.91 1.31 -5.02	27.23 1.35 -4.06	26.67 1.51 0.00	31.47 1.89 0.00	40.89 2.53 0.00	40.95 2.28 0.00	31.89 1.58 0.00	28.20 1.34 0.00	23.89 1.16 0.00	28.99 0.98 -6.25	28.85 0.93 -6.21	29.25 0.91 -6.77	29.34 0.91 -6.84	33.21 0.94 -11.49	36.64 0.99 -14.19	40.26 1.82 -2.78	51.46 2.73 0.00	63.22 3.64 0.00	60.09 3.58 -0.58	49.22 2.76 -2.69	36.10 2.07 -0.59	32.11 1.50 -6.02
KCE_NY_6_ESR 323823	20.94 -2.31 2.70	23.91 -1.96 -0.08	21.04 -1.83 -0.29	20.30 -1.75 -0.23	23.23 -1.91 0.02	27.31 -2.25 0.02	35.31 -3.03 0.02	35.60 -3.06 0.02	28.42 -1.88 0.02	25.13 -1.72 0.01	21.03 -1.68 0.02	20.35 -1.76 -0.36	20.35 -1.72 -0.35	20.28 -1.68 -0.39	20.26 -1.73 -0.39	19.89 -1.56 -0.67	20.53 -1.76 -0.83	24.99 -2.75 7.93	36.55 -3.80 8.39	45.65 -4.88 9.06	51.25 -4.59 0.10	37.72 -3.41 2.63	30.87 -2.57 0.00	23.26 -1.67 -0.34
KEDC_PORT_JEFF_GT2 24210	51.79 2.49 -23.34	46.89 2.24 -18.86	43.72 1.96 -19.18	34.06 1.99 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.20 2.88 0.00	29.06 2.20 0.00	25.05 2.32 0.00	30.64 2.57 -6.33	44.27 2.60 -19.96	45.51 2.61 -21.33	49.11 2.53 -24.99	46.80 2.43 -23.59	46.91 2.42 -23.03	50.76 4.10 -10.99	59.36 5.65 -4.97	70.66 6.91 -4.16	70.67 6.43 -8.31	57.03 4.86 -8.40	51.69 3.58 -14.67	50.66 2.58 -23.49
KEDC_PORT_JEFF_GT3 24211	51.79 2.49 -23.34	46.89 2.24 -18.86	43.72 1.96 -19.18	34.06 1.99 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.31 3.38 -11.58	53.23 3.71 -10.85	33.20 2.88 0.00	29.06 2.20 0.00	25.05 2.32 0.00	30.64 2.57 -6.33	44.27 2.60 -19.96	45.51 2.61 -21.33	49.11 2.53 -24.99	46.80 2.43 -23.59	46.91 2.42 -23.03	50.76 4.10 -10.99	59.36 5.65 -4.97	70.66 6.91 -4.16	70.67 6.43 -8.31	57.03 4.86 -8.40	51.69 3.58 -14.67	50.66 2.58 -23.49
KEDC_GLWD_GT4 24219	51.53 2.23 -23.34	46.69 2.04 -18.86	43.52 1.76 -19.18	33.87 1.79 -10.26	43.28 1.94 -16.19	51.53 2.37 -19.59	53.01 3.07 -11.58	52.92 3.40 -10.85	33.16 2.85 0.00	29.12 2.26 0.00	24.96 2.23 0.00	30.56 2.48 -6.33	44.19 2.52 -19.96	45.45 2.54 -21.33	49.02 2.44 -24.99	46.72 2.35 -23.59	46.79 2.30 -23.03	50.55 3.89 -10.99	60.69 5.26 -6.69	71.12 6.20 -5.34	74.62 5.71 -12.98	59.86 4.47 -11.62	51.43 3.28 -14.71	50.44 2.36 -23.49
KEDC_GLWD_GT5 24220	51.53 2.23 -23.34	46.69 2.04 -18.86	43.52 1.76 -19.18	33.87 1.79 -10.26	43.28 1.94 -16.19	51.53 2.37 -19.59	53.01 3.07 -11.58	52.92 3.40 -10.85	33.16 2.85 0.00	29.12 2.26 0.00	24.96 2.23 0.00	30.56 2.48 -6.33	44.19 2.52 -19.96	45.45 2.54 -21.33	49.02 2.44 -24.99	46.72 2.35 -23.59	46.79 2.30 -23.03	50.55 3.89 -10.99	60.69 5.26 -6.69	71.12 6.20 -5.34	74.62 5.71 -12.98	59.86 4.47 -11.62	51.43 3.28 -14.71	50.44 2.36 -23.49

KENSICO____ 23655	28.49 1.87 -0.67	28.77 1.68 -1.30	28.34 1.47 -4.29	26.69 1.40 -3.47	26.75 1.59 0.00	31.41 1.83 0.00	40.66 2.30 0.00	41.30 2.63 0.00	32.80 2.49 0.00	28.79 1.93 0.00	24.59 1.86 0.00	29.14 2.11 -5.28	29.10 2.15 -5.24	29.43 2.14 -5.71	29.49 2.12 -5.78	32.63 2.02 -9.84	35.56 1.95 -12.15	41.40 3.35 -2.38	55.51 4.63 -2.15	67.38 5.54 -2.25	61.61 5.15 -0.53	50.67 3.85 -3.05	36.76 2.81 -0.52	31.70 1.99 -5.12
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.62 1.92 -0.74	28.79 1.73 -1.27	28.27 1.51 -4.18	26.62 1.42 -3.39	26.82 1.66 0.00	31.56 1.98 0.00	40.85 2.49 0.00	41.42 2.75 0.00	32.80 2.49 0.00	28.71 1.85 0.00	24.46 1.73 0.00	28.80 1.87 -5.18	28.76 1.91 -5.14	29.06 1.88 -5.60	29.16 1.90 -5.66	32.31 1.83 -9.70	35.26 1.82 -11.98	42.49 3.39 -3.43	55.80 4.73 -2.34	68.06 6.02 -2.46	61.89 5.43 -0.54	50.95 4.07 -3.11	36.82 2.88 -0.51	31.66 2.02 -5.05
KIAC_JFK_GT1 23816	28.54 1.92 -0.67	28.82 1.73 -1.30	28.37 1.49 -4.29	26.69 1.40 -3.48	26.77 1.61 0.00	31.47 1.89 0.00	40.77 2.42 0.00	41.53 2.86 0.00	32.95 2.64 0.00	28.95 2.10 0.00	24.73 2.00 0.00	29.32 2.33 -5.24	29.30 2.39 -5.20	29.62 2.37 -5.67	29.66 2.33 -5.73	32.90 2.26 -9.85	35.79 2.17 -12.16	41.72 3.67 -2.38	55.99 5.12 -2.14	67.55 5.72 -2.24	61.73 5.26 -0.54	51.11 4.29 -3.05	36.99 3.04 -0.52	31.86 2.14 -5.12
KIAC_JFK_GT2 23817	28.54 1.92 -0.67	28.82 1.73 -1.30	28.37 1.49 -4.29	26.69 1.40 -3.48	26.77 1.61 0.00	31.47 1.89 0.00	40.77 2.42 0.00	41.53 2.86 0.00	32.95 2.64 0.00	28.95 2.10 0.00	24.73 2.00 0.00	29.32 2.33 -5.24	29.30 2.39 -5.20	29.62 2.37 -5.67	29.66 2.33 -5.73	32.90 2.26 -9.85	35.79 2.17 -12.16	41.72 3.67 -2.38	55.99 5.12 -2.14	67.55 5.72 -2.24	61.73 5.26 -0.54	51.11 4.29 -3.05	36.99 3.04 -0.52	31.86 2.14 -5.12
KIAC_JFK____ 323774	28.54 1.92 -0.67	28.82 1.73 -1.30	28.36 1.49 -4.29	26.80 1.50 -3.48	26.77 1.61 0.00	31.61 2.04 0.00	41.00 2.64 0.00	41.77 3.09 0.00	33.01 2.70 0.00	29.03 2.17 0.00	24.80 2.07 0.00	29.48 2.37 -5.36	29.44 2.41 -5.32	29.81 2.44 -5.80	29.79 2.33 -5.86	32.89 2.27 -9.85	35.79 2.17 -12.16	41.72 3.67 -2.38	55.96 5.12 -2.11	67.52 5.72 -2.21	61.72 5.26 -0.53	51.10 4.29 -3.04	36.96 3.01 -0.52	31.88 2.14 -5.14
KINTIGH_24_KV_GSU 356498	21.33 -2.60 2.03	23.81 -2.06 -0.08	21.03 -1.85 -0.30	20.27 -1.79 -0.24	23.41 -1.74 0.01	27.23 -2.34 0.01	35.04 -3.30 0.01	35.02 -3.64 0.01	28.73 -1.58 0.01	25.43 -1.42 0.01	21.06 -1.66 0.01	20.26 -1.85 -0.36	20.27 -1.80 -0.36	20.24 -1.73 -0.39	20.24 -1.75 -0.40	19.65 -1.81 -0.68	20.26 -2.04 -0.84	26.60 -3.32 5.75	37.54 -4.73 6.47	46.21 -6.02 7.37	50.27 -5.59 0.07	37.71 -4.07 1.99	30.40 -3.04 -0.01	22.97 -1.97 -0.35
KINTIGH____ 23543	21.33 -2.60 2.03	23.68 -2.19 -0.08	21.03 -1.85 -0.30	20.44 -1.61 -0.24	23.41 -1.74 0.01	27.64 -1.92 0.01	35.50 -2.84 0.01	35.64 -3.02 0.01	28.82 -1.49 0.01	25.56 -1.29 0.01	21.22 -1.50 0.01	20.26 -1.85 -0.35	20.26 -1.80 -0.35	20.27 -1.68 -0.38	20.21 -1.77 -0.39	19.66 -1.79 -0.66	20.24 -2.04 -0.82	26.60 -3.32 5.75	37.57 -4.73 6.43	46.24 -6.02 7.33	50.27 -5.59 0.07	37.72 -4.07 1.98	30.54 -2.91 -0.01	22.98 -1.94 -0.33
KNTFSRNC_46_KV_46KV_LOAD 80397	25.57 -0.39 0.00	25.54 -0.26 0.00	22.31 -0.27 0.00	21.49 -0.33 0.00	24.63 -0.53 0.00	29.01 -0.56 0.00	37.86 -0.50 0.00	37.86 -0.81 0.00	29.62 -0.70 0.00	26.43 -0.43 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.12 -0.45 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.12 -0.34 0.00	35.21 -0.46 0.00	48.44 -0.29 0.00	59.29 -0.30 0.00	55.65 -0.28 0.00	43.51 -0.26 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
LACHUTE____HYDRO 323717	28.34 2.39 0.00	29.77 2.45 -1.52	29.73 2.12 -5.02	28.07 2.18 -4.07	27.63 2.47 0.00	32.80 3.22 0.00	42.77 4.41 0.00	42.31 3.63 0.00	32.74 2.43 0.00	28.82 1.96 0.00	24.36 1.64 0.00	29.38 1.37 -6.26	29.18 1.26 -6.21	29.56 1.21 -6.78	29.63 1.19 -6.85	33.59 1.31 -11.51	37.04 1.37 -14.21	41.16 2.71 -2.78	53.12 4.39 0.00	65.84 6.26 0.00	62.88 6.37 -0.58	51.15 4.69 -2.69	37.40 3.38 -0.59	32.98 2.36 -6.02
LAWRNCV_115KV_TB1 80681	24.87 -1.09 0.00	24.81 -1.01 -0.02	21.74 -0.90 -0.06	20.97 -0.89 -0.05	24.03 -1.13 0.00	28.18 -1.39 0.00	36.86 -1.50 0.00	36.85 -1.82 0.00	28.77 -1.55 0.00	25.89 -0.97 0.00	21.89 -0.84 0.00	21.24 -0.61 -0.09	21.06 -0.74 -0.09	20.68 -0.99 -0.10	20.73 -0.97 -0.10	19.92 -1.04 -0.18	20.62 -1.05 -0.22	33.96 -1.75 -0.04	46.74 -2.00 0.00	57.42 -2.26 -0.09	53.99 -2.07 -0.12	42.24 -1.58 -0.04	32.14 -1.30 -0.01	23.78 -0.91 -0.09
LEDERLE____ 23769	28.57 1.92 -0.70	28.81 1.73 -1.29	28.34 1.51 -4.25	26.68 1.42 -3.44	26.80 1.64 0.00	31.47 1.89 0.00	40.77 2.42 0.00	41.38 2.71 0.00	32.80 2.49 0.00	28.79 1.93 0.00	24.59 1.86 0.00	29.00 2.07 -5.19	28.98 2.13 -5.15	29.30 2.11 -5.61	29.36 2.09 -5.67	32.53 2.02 -9.74	35.44 1.95 -12.03	42.40 3.39 -3.34	55.65 4.68 -2.24	67.66 5.72 -2.35	61.77 5.31 -0.53	50.75 3.94 -3.04	36.78 2.84 -0.51	31.68 2.02 -5.07
LIGHTHSE_115KV_TB6 355974	25.13 -0.26 0.57	25.59 -0.31 -0.10	22.69 -0.23 -0.34	21.89 -0.20 -0.27	25.03 -0.13 0.00	29.43 -0.15 0.00	38.16 -0.19 0.00	38.63 -0.04 0.00	30.13 -0.18 0.00	26.59 -0.27 0.00	22.50 -0.23 0.00	21.84 -0.33 -0.42	21.80 -0.33 -0.42	21.70 -0.32 -0.45	21.73 -0.32 -0.46	21.19 -0.37 -0.78	22.01 -0.41 -0.96	35.25 -0.61 -0.19	46.24 -0.63 1.86	57.84 -0.42 1.33	56.33 -0.39 -0.79	43.04 -0.26 0.47	33.26 -0.20 -0.03	24.80 -0.20 -0.41
LINDEN COGEN____ 23786	28.52 1.89 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.29	26.80 1.50 -3.48	26.75 1.59 0.00	31.52 1.95 0.00	40.89 2.53 0.00	41.61 2.94 0.00	32.92 2.61 0.00	28.96 2.10 0.00	24.75 2.02 0.00	29.44 2.33 -5.36	29.39 2.37 -5.32	29.77 2.39 -5.80	29.72 2.27 -5.86	32.81 2.18 -9.85	35.70 2.08 -12.16	41.55 3.50 -2.38	55.67 4.83 -2.11	67.58 5.78 -2.21	61.84 5.37 -0.53	50.84 4.02 -3.04	36.83 2.88 -0.52	31.83 2.09 -5.14
LINDHRST_69_KV_BK1 356055	51.89 2.60 -23.34	47.05 2.40 -18.86	43.83 2.08 -19.18	34.07 1.99 -10.26	43.64 2.29 -16.19	51.85 2.69 -19.59	53.35 3.41 -11.58	53.27 3.75 -10.85	33.35 3.03 0.00	29.17 2.31 0.00	25.16 2.43 0.00	30.66 2.70 -6.21	44.29 2.74 -19.84	45.49 2.72 -21.20	49.15 2.70 -24.86	46.97 2.60 -23.60	47.05 2.55 -23.03	51.01 4.35 -10.99	60.05 5.90 -5.42	71.34 7.27 -4.48	72.14 6.77 -9.44	58.04 5.08 -9.19	51.89 3.78 -14.68	50.79 2.73 -23.47
LIPA_MISC_IPP 23656	51.69 2.39 -23.34	46.79 2.14 -18.86	43.63 1.87 -19.18	33.89 1.81 -10.26	43.41 2.06 -16.19	51.53 2.37 -19.59	52.93 2.99 -11.58	52.81 3.29 -10.85	32.98 2.67 0.00	28.82 1.96 0.00	24.89 2.16 0.00	30.40 2.44 -6.21	44.01 2.45 -19.84	45.19 2.42 -21.20	48.85 2.40 -24.86	46.68 2.31 -23.60	46.79 2.30 -23.03	50.55 3.89 -10.99	59.09 5.36 -4.99	70.33 6.55 -4.19	70.37 6.15 -8.29	56.85 4.68 -8.40	51.55 3.44 -14.67	50.50 2.43 -23.47

LISF___SOLAR 323691	51.71 2.41 -23.34	46.84 2.19 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.43 2.09 -16.19	51.71 2.54 -19.59	53.19 3.26 -11.58	53.12 3.60 -10.85	33.04 2.73 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.54 2.46 -6.33	44.17 2.50 -19.96	45.38 2.48 -21.33	48.98 2.40 -24.99	46.68 2.31 -23.59	46.79 2.30 -23.03	50.58 3.92 -10.99	59.16 5.46 -4.97	70.48 6.73 -4.16	70.49 6.26 -8.30	56.94 4.77 -8.39	51.58 3.48 -14.67	50.57 2.48 -23.49
LITTLE FALLS___HYD 24013	25.70 -0.26 0.00	25.46 -0.34 0.00	22.26 -0.32 0.00	21.42 -0.39 0.00	24.71 -0.45 0.00	29.04 -0.53 0.00	37.63 -0.73 0.00	37.94 -0.73 0.00	29.59 -0.73 0.00	26.27 -0.59 0.00	22.27 -0.45 0.00	21.27 -0.48 0.00	21.01 -0.69 0.00	20.88 -0.69 0.00	20.90 -0.69 0.00	20.14 -0.64 0.00	20.86 -0.60 0.00	34.92 -0.75 0.00	48.05 -0.68 0.00	59.05 -0.54 0.00	55.26 -0.67 0.00	43.07 -0.70 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
LITTLRIV_115KV_TB1 356100	25.05 -0.91 0.00	24.96 -0.85 -0.02	21.88 -0.77 -0.07	21.13 -0.74 -0.06	24.20 -0.96 0.00	28.42 -1.15 0.00	37.21 -1.15 0.00	37.16 -1.51 0.00	28.86 -1.46 0.00	25.92 -0.94 0.00	21.86 -0.86 0.00	21.22 -0.63 -0.10	21.05 -0.76 -0.10	20.67 -1.01 -0.11	20.73 -0.97 -0.11	19.93 -1.04 -0.19	20.64 -1.05 -0.23	34.07 -1.64 -0.05	47.08 -1.66 0.00	57.96 -1.73 -0.10	54.50 -1.57 -0.13	42.63 -1.18 -0.04	32.41 -1.04 -0.01	23.98 -0.71 -0.10
LI_NEWBRDGE___DRP 323616	51.45 2.15 -23.34	46.61 1.96 -18.86	43.47 1.72 -19.18	33.69 1.61 -10.26	43.21 1.86 -16.19	51.32 2.16 -19.59	52.62 2.68 -11.58	52.57 3.06 -10.85	32.89 2.58 0.00	28.82 1.96 0.00	24.82 2.09 0.00	30.31 2.35 -6.21	43.96 2.41 -19.84	45.15 2.37 -21.20	48.81 2.35 -24.86	46.64 2.26 -23.60	46.70 2.21 -23.03	50.37 3.71 -10.99	58.48 4.92 -4.82	69.62 5.96 -4.07	69.35 5.59 -7.82	56.00 4.16 -8.07	51.24 3.14 -14.67	50.35 2.29 -23.47
LOCKPORT_115KV_TB60_63_64 80432	20.96 -2.67 2.32	23.32 -2.55 -0.08	20.69 -2.19 -0.30	20.09 -1.96 -0.24	22.98 -2.16 0.01	27.13 -2.43 0.01	34.89 -3.45 0.02	35.10 -3.56 0.01	28.27 -2.03 0.01	25.05 -1.80 0.01	20.80 -1.91 0.01	19.93 -2.18 -0.35	19.93 -2.13 -0.35	19.93 -2.03 -0.38	19.86 -2.12 -0.39	19.40 -2.04 -0.66	19.96 -2.32 -0.82	25.56 -3.46 6.65	36.62 -4.87 7.24	45.24 -6.26 8.09	49.65 -6.21 0.08	37.32 -4.20 2.25	30.17 -3.28 -0.01	22.74 -2.19 -0.33
LOCKPORT___CC1 323769	20.88 -2.73 2.35	23.50 -2.37 -0.08	20.71 -2.17 -0.30	19.98 -2.07 -0.24	23.01 -2.14 0.02	26.84 -2.72 0.01	34.51 -3.84 0.02	34.56 -4.10 0.01	28.21 -2.09 0.01	24.97 -1.88 0.01	20.69 -2.02 0.01	19.94 -2.18 -0.36	19.96 -2.11 -0.36	19.92 -2.05 -0.39	19.92 -2.07 -0.40	19.42 -2.04 -0.68	20.00 -2.30 -0.84	25.42 -3.49 6.76	36.45 -4.92 7.37	45.06 -6.32 8.21	49.70 -6.15 0.08	37.23 -4.25 2.29	30.07 -3.38 -0.01	22.78 -2.16 -0.35
LOCKPORT___CC2 323770	20.88 -2.73 2.35	23.50 -2.37 -0.08	20.71 -2.17 -0.30	19.98 -2.07 -0.24	23.01 -2.14 0.02	26.84 -2.72 0.01	34.51 -3.84 0.02	34.56 -4.10 0.01	28.21 -2.09 0.01	24.97 -1.88 0.01	20.69 -2.02 0.01	19.94 -2.18 -0.36	19.96 -2.11 -0.36	19.92 -2.05 -0.39	19.92 -2.07 -0.40	19.42 -2.04 -0.68	20.00 -2.30 -0.84	25.42 -3.49 6.76	36.45 -4.92 7.37	45.06 -6.32 8.21	49.70 -6.15 0.08	37.23 -4.25 2.29	30.07 -3.38 -0.01	22.78 -2.16 -0.35
LOCKPORT___CC3 323771	20.88 -2.73 2.35	23.50 -2.37 -0.08	20.71 -2.17 -0.30	19.98 -2.07 -0.24	23.01 -2.14 0.02	26.84 -2.72 0.01	34.51 -3.84 0.02	34.56 -4.10 0.01	28.21 -2.09 0.01	24.97 -1.88 0.01	20.69 -2.02 0.01	19.94 -2.18 -0.36	19.96 -2.11 -0.36	19.92 -2.05 -0.39	19.92 -2.07 -0.40	19.42 -2.04 -0.68	20.00 -2.30 -0.84	25.42 -3.49 6.76	36.45 -4.92 7.37	45.06 -6.32 8.21	49.70 -6.15 0.08	37.23 -4.25 2.29	30.07 -3.38 -0.01	22.78 -2.16 -0.35
LOCUSVLY_69_KV_BK2 55797	51.61 2.31 -23.34	46.79 2.14 -18.86	43.61 1.85 -19.18	33.85 1.77 -10.26	43.36 2.01 -16.19	51.53 2.37 -19.59	52.93 2.99 -11.58	52.84 3.33 -10.85	33.16 2.85 0.00	29.06 2.20 0.00	24.98 2.25 0.00	30.48 2.52 -6.21	44.11 2.56 -19.84	45.32 2.55 -21.20	48.98 2.53 -24.86	46.78 2.41 -23.60	46.85 2.36 -23.03	50.66 4.00 -10.99	60.37 5.36 -6.27	71.08 6.44 -5.06	73.68 5.98 -11.76	59.11 4.55 -10.79	51.51 3.38 -14.70	50.52 2.46 -23.47
LONG_LAKE_PHOENIX 24014	24.79 -0.55 0.62	25.36 -0.54 -0.11	22.50 -0.45 -0.37	21.70 -0.41 -0.30	24.73 -0.43 0.00	29.10 -0.47 0.00	37.78 -0.58 0.00	38.25 -0.43 0.00	30.01 -0.30 0.00	26.51 -0.35 0.00	22.39 -0.34 0.00	21.79 -0.41 -0.45	21.74 -0.41 -0.45	21.70 -0.37 -0.49	21.70 -0.39 -0.49	21.25 -0.37 -0.84	22.13 -0.36 -1.04	35.16 -0.71 -0.20	45.64 -1.07 2.02	57.16 -1.19 1.24	55.87 -1.17 -1.11	42.34 -0.92 0.51	32.79 -0.67 -0.03	24.52 -0.52 -0.44
LOVETT___3 23632	28.44 1.79 -0.69	28.71 1.63 -1.29	28.25 1.40 -4.27	26.60 1.33 -3.45	26.70 1.53 0.00	31.32 1.74 0.00	40.58 2.22 0.00	41.19 2.51 0.00	32.68 2.36 0.00	28.69 1.83 0.00	24.50 1.77 0.00	28.96 2.00 -5.20	28.91 2.04 -5.16	29.24 2.03 -5.63	29.29 2.01 -5.69	32.40 1.93 -9.69	35.29 1.87 -11.97	41.18 3.17 -2.34	55.34 4.39 -2.22	67.28 5.36 -2.33	61.38 4.92 -0.53	50.49 3.68 -3.04	36.62 2.67 -0.51	31.60 1.92 -5.09
LOVETT___4 23642	28.44 1.79 -0.69	28.71 1.63 -1.29	28.25 1.40 -4.27	26.60 1.33 -3.45	26.70 1.53 0.00	31.32 1.74 0.00	40.58 2.22 0.00	41.19 2.51 0.00	32.68 2.36 0.00	28.69 1.83 0.00	24.50 1.77 0.00	28.96 2.00 -5.20	28.91 2.04 -5.16	29.24 2.03 -5.63	29.29 2.01 -5.69	32.40 1.93 -9.69	35.29 1.87 -11.97	41.18 3.17 -2.34	55.34 4.39 -2.22	67.28 5.36 -2.33	61.38 4.92 -0.53	50.49 3.68 -3.04	36.62 2.67 -0.51	31.60 1.92 -5.09
LOVETT___5 23593	28.44 1.79 -0.69	28.71 1.63 -1.29	28.25 1.40 -4.27	26.60 1.33 -3.45	26.70 1.53 0.00	31.32 1.74 0.00	40.58 2.22 0.00	41.19 2.51 0.00	32.68 2.36 0.00	28.69 1.83 0.00	24.50 1.77 0.00	28.96 2.00 -5.20	28.91 2.04 -5.16	29.24 2.03 -5.63	29.29 2.01 -5.69	32.40 1.93 -9.69	35.29 1.87 -11.97	41.18 3.17 -2.34	55.34 4.39 -2.22	67.28 5.36 -2.33	61.38 4.92 -0.53	50.49 3.68 -3.04	36.62 2.67 -0.51	31.60 1.92 -5.09
LOWER RAQUET___HYD 24057	24.74 -1.22 0.00	24.63 -1.19 -0.02	21.64 -1.02 -0.07	20.81 -1.07 -0.06	23.90 -1.26 0.00	28.07 -1.51 0.00	36.63 -1.73 0.00	36.66 -2.01 0.00	28.62 -1.70 0.00	25.76 -1.10 0.00	21.82 -0.91 0.00	21.16 -0.70 -0.11	20.97 -0.85 -0.11	20.57 -1.12 -0.12	20.59 -1.12 -0.12	19.79 -1.18 -0.20	20.48 -1.22 -0.25	33.72 -2.00 -0.05	46.44 -2.29 0.00	57.07 -2.62 -0.11	53.67 -2.40 -0.14	42.02 -1.80 -0.05	32.04 -1.40 -0.01	23.67 -1.03 -0.10
LOWER___HUDSON 24059	27.25 1.30 0.00	28.56 1.26 -1.50	28.62 1.08 -4.95	26.94 1.11 -4.01	26.39 1.23 0.00	31.05 1.48 0.00	40.31 1.96 0.00	40.57 1.89 0.00	31.68 1.37 0.00	28.01 1.15 0.00	23.77 1.05 0.00	28.81 0.87 -6.18	28.69 0.85 -6.14	29.09 0.82 -6.69	29.22 0.86 -6.76	33.00 0.85 -11.37	36.42 0.92 -14.04	40.06 1.64 -2.74	50.98 2.24 0.00	62.39 2.80 0.00	59.24 2.74 -0.57	48.62 2.19 -2.66	35.75 1.74 -0.58	31.81 1.28 -5.94

LOWVILLE_115KV_TB2 356335	26.03 0.08 0.00	25.78 -0.08 -0.06	22.77 0.00 -0.19	22.00 0.02 -0.16	25.29 0.13 0.00	29.78 0.21 0.00	38.70 0.35 0.00	39.06 0.39 0.00	30.19 -0.12 0.00	26.73 -0.13 0.00	22.55 -0.18 0.00	21.76 -0.24 -0.24	21.65 -0.30 -0.24	21.45 -0.39 -0.26	21.51 -0.35 -0.27	20.84 -0.39 -0.45	21.57 -0.45 -0.56	35.35 -0.43 -0.11	48.73 0.00 0.00	60.53 0.72 -0.23	56.81 0.56 -0.32	44.27 0.39 -0.11	33.76 0.30 -0.02	24.98 0.15 -0.24
LUTHERFT_115KV_GLOB_FND_222 355753	27.46 1.51 0.00	28.81 1.50 -1.52	28.91 1.31 -5.02	27.17 1.29 -4.06	26.65 1.48 0.00	31.41 1.83 0.00	40.77 2.42 0.00	40.88 2.20 0.00	31.86 1.55 0.00	28.15 1.29 0.00	23.86 1.14 0.00	28.99 0.98 -6.26	28.85 0.93 -6.21	29.26 0.91 -6.78	29.35 0.91 -6.85	33.21 0.94 -11.50	36.64 0.99 -14.20	40.26 1.82 -2.78	51.41 2.68 0.00	63.16 3.58 0.00	60.03 3.52 -0.58	49.18 2.71 -2.69	36.06 2.04 -0.58	32.05 1.48 -5.98
LUTHERNY_35_KV_BK2 355980	27.49 1.53 0.00	28.84 1.52 -1.52	28.91 1.31 -5.02	27.19 1.31 -4.06	26.67 1.51 0.00	31.41 1.83 0.00	40.81 2.45 0.00	40.88 2.20 0.00	31.89 1.58 0.00	28.18 1.32 0.00	23.86 1.14 0.00	28.99 0.98 -6.26	28.85 0.93 -6.21	29.28 0.93 -6.78	29.35 0.91 -6.85	33.21 0.94 -11.50	36.64 0.99 -14.20	40.26 1.82 -2.78	51.46 2.73 0.00	63.22 3.63 0.00	60.09 3.58 -0.58	49.22 2.76 -2.69	36.09 2.07 -0.58	32.07 1.50 -5.98
LWR__OSWEGATCHIE_HYD 23850	25.15 -0.80 0.00	24.99 -0.85 -0.04	21.99 -0.72 -0.14	21.23 -0.70 -0.11	24.36 -0.81 0.00	28.63 -0.95 0.00	37.32 -1.04 0.00	37.51 -1.16 0.00	29.10 -1.21 0.00	26.00 -0.86 0.00	21.95 -0.77 0.00	21.26 -0.67 -0.18	21.10 -0.78 -0.18	20.82 -0.95 -0.19	20.84 -0.95 -0.20	20.12 -1.00 -0.33	20.78 -1.09 -0.41	34.11 -1.64 -0.08	47.03 -1.71 0.00	58.17 -1.61 -0.19	54.68 -1.51 -0.26	42.67 -1.18 -0.08	32.58 -0.87 -0.02	24.13 -0.64 -0.17
LYONS_FALL_HYD 23570	26.22 0.26 0.00	25.98 0.13 -0.06	22.95 0.18 -0.19	22.15 0.17 -0.16	25.46 0.30 0.00	29.99 0.41 0.00	38.82 0.46 0.00	39.37 0.70 0.00	30.53 0.21 0.00	26.99 0.13 0.00	22.77 0.05 0.00	21.97 -0.02 -0.24	21.88 -0.06 -0.24	21.71 -0.13 -0.26	21.75 -0.11 -0.27	21.08 -0.14 -0.45	21.84 -0.17 -0.55	35.78 0.00 -0.11	49.17 0.44 0.00	60.97 1.19 -0.19	57.15 0.95 -0.27	44.57 0.70 -0.11	33.99 0.53 -0.02	25.15 0.32 -0.23
MADISON__COUNTY_LFGE 323628	26.55 0.60 0.00	26.40 0.52 -0.09	23.36 0.50 -0.28	22.53 0.48 -0.23	25.81 0.65 0.00	30.37 0.80 0.00	39.47 1.11 0.00	39.95 1.28 0.00	31.10 0.79 0.00	27.48 0.62 0.00	23.16 0.43 0.00	22.40 0.30 -0.34	22.35 0.30 -0.34	22.25 0.30 -0.37	22.27 0.30 -0.38	21.69 0.27 -0.64	22.57 0.32 -0.79	36.54 0.71 -0.16	49.95 1.22 0.00	61.63 1.85 -0.19	57.83 1.62 -0.27	45.19 1.27 -0.15	34.37 0.90 -0.03	25.54 0.61 -0.33
MALONE__115KV_TB1 356076	25.31 -0.65 0.00	25.28 -0.52 0.00	22.06 -0.52 0.00	21.27 -0.55 0.00	24.41 -0.75 0.00	28.92 -0.65 0.00	37.82 -0.54 0.00	37.82 -0.85 0.00	29.59 -0.73 0.00	26.40 -0.46 0.00	22.20 -0.52 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.10 -0.47 0.00	21.21 -0.39 0.00	20.38 -0.39 0.00	21.09 -0.36 0.00	35.10 -0.57 0.00	48.34 -0.39 0.00	59.17 -0.42 0.00	55.49 -0.45 0.00	43.42 -0.35 0.00	32.93 -0.50 0.00	24.15 -0.44 0.00
MAPLEWOD_115KV_TB3 80458	27.15 1.19 0.00	28.45 1.16 -1.49	28.52 1.02 -4.92	26.78 0.98 -3.98	26.29 1.13 0.00	30.82 1.24 0.00	39.93 1.57 0.00	40.18 1.51 0.00	31.47 1.15 0.00	27.83 0.97 0.00	23.64 0.91 0.00	28.71 0.80 -6.15	28.59 0.78 -6.10	29.01 0.78 -6.66	29.10 0.78 -6.73	32.85 0.77 -11.30	36.20 0.79 -13.95	39.82 1.43 -2.73	52.23 1.95 -1.54	63.65 2.44 -1.62	58.88 2.35 -0.60	48.84 1.88 -3.18	35.52 1.50 -0.58	31.65 1.18 -5.88
MAPLE_RIDGE_WT_1 323574	25.41 -0.55 0.00	25.25 -0.54 0.00	22.06 -0.52 0.00	21.27 -0.54 0.00	24.51 -0.65 0.00	28.84 -0.74 0.00	37.44 -0.92 0.00	37.74 -0.93 0.00	29.62 -0.70 0.00	26.29 -0.57 0.00	22.25 -0.48 0.00	21.32 -0.43 0.00	21.27 -0.43 0.00	21.14 -0.43 0.00	21.18 -0.41 0.00	20.38 -0.40 0.00	21.07 -0.39 0.00	35.10 -0.57 0.00	48.10 -0.63 0.00	58.75 -0.83 0.00	54.98 -0.95 0.00	42.85 -0.92 0.00	32.63 -0.80 0.00	23.95 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	25.41 -0.55 0.00	25.25 -0.54 0.00	22.06 -0.52 0.00	21.27 -0.54 0.00	24.51 -0.65 0.00	28.84 -0.74 0.00	37.44 -0.92 0.00	37.74 -0.93 0.00	29.62 -0.70 0.00	26.29 -0.57 0.00	22.25 -0.48 0.00	21.32 -0.43 0.00	21.27 -0.43 0.00	21.14 -0.43 0.00	21.18 -0.41 0.00	20.38 -0.40 0.00	21.07 -0.39 0.00	35.10 -0.57 0.00	48.10 -0.63 0.00	58.75 -0.83 0.00	54.98 -0.95 0.00	42.85 -0.92 0.00	32.63 -0.80 0.00	23.95 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	25.33 -0.62 0.00	25.25 -0.54 0.00	22.08 -0.50 0.00	21.23 -0.59 0.00	24.41 -0.75 0.00	28.69 -0.89 0.00	37.28 -1.07 0.00	37.40 -1.28 0.00	29.32 -1.00 0.00	26.11 -0.75 0.00	22.05 -0.68 0.00	21.21 -0.54 0.00	21.14 -0.56 0.00	20.95 -0.63 0.00	21.01 -0.58 0.00	20.20 -0.58 0.00	20.90 -0.56 0.00	34.78 -0.89 0.00	47.81 -0.93 0.00	58.45 -1.13 0.00	54.93 -1.01 0.00	42.90 -0.88 0.00	32.67 -0.77 0.00	23.95 -0.64 0.00
MARSHVLE_115KV_TB1 80742	28.37 1.74 -0.67	29.23 1.73 -1.71	29.73 1.51 -5.64	27.87 1.48 -4.57	26.95 1.79 0.00	31.85 2.28 0.00	41.70 3.34 0.00	41.30 2.63 0.00	31.92 1.61 0.00	27.94 1.07 0.00	23.37 0.64 0.00	29.02 0.46 -6.81	28.88 0.41 -6.76	29.29 0.35 -7.37	29.30 0.26 -7.45	33.58 0.29 -12.51	37.32 0.41 -15.45	41.46 1.28 -4.51	53.97 2.53 -2.70	66.77 4.35 -2.83	61.10 4.47 -0.69	51.21 3.50 -3.94	36.59 2.51 -0.65	32.81 1.72 -6.49
MARSH_HILL_WT_PWR 323713	19.66 -2.13 4.17	23.93 -1.94 -0.07	21.11 -1.76 -0.29	20.35 -1.70 -0.23	23.30 -1.84 0.03	27.54 -2.01 0.02	35.49 -2.84 0.03	35.36 -3.29 0.03	27.90 -2.40 0.02	24.51 -2.34 0.01	20.48 -2.23 0.02	19.71 -2.39 -0.35	19.71 -2.34 -0.35	19.69 -2.27 -0.38	19.63 -2.35 -0.39	19.53 -1.93 -0.68	20.33 -1.97 -0.85	20.01 -2.92 12.74	31.00 -3.51 14.22	42.07 -4.05 13.47	51.89 -3.97 0.07	35.87 -3.33 4.57	30.68 -2.74 0.02	22.94 -1.99 -0.34
MCINTYRE_115KV_TB2 80467	25.33 -0.62 0.00	25.27 -0.54 -0.02	22.15 -0.50 -0.06	21.39 -0.48 -0.05	24.51 -0.65 0.00	28.77 -0.80 0.00	37.70 -0.65 0.00	37.59 -1.08 0.00	29.13 -1.18 0.00	26.05 -0.81 0.00	21.93 -0.80 0.00	21.30 -0.54 -0.09	21.15 -0.65 -0.09	20.81 -0.86 -0.10	20.89 -0.80 -0.10	20.12 -0.83 -0.17	20.85 -0.82 -0.21	34.46 -1.25 -0.04	47.66 -1.07 0.00	58.72 -0.95 -0.09	55.27 -0.78 -0.12	43.24 -0.57 -0.04	32.84 -0.60 -0.01	24.24 -0.44 -0.09
MECO____69_KV_BK1 80468	28.41 1.87 -0.58	29.31 1.88 -1.63	29.59 1.63 -5.38	27.79 1.61 -4.36	27.07 1.91 0.00	32.03 2.45 0.00	41.81 3.45 0.00	41.42 2.75 0.00	31.98 1.67 0.00	27.99 1.13 0.00	23.43 0.70 0.00	28.85 0.48 -6.62	28.67 0.39 -6.57	29.11 0.37 -7.17	29.16 0.32 -7.24	33.36 0.42 -12.16	37.01 0.54 -15.02	41.25 1.46 -4.11	53.88 2.92 -2.22	66.75 4.83 -2.33	61.46 4.87 -0.66	51.11 3.68 -3.66	36.70 2.64 -0.63	32.71 1.84 -6.27

MENANDS__115KV_TB5 355628	27.10 1.14 0.00	28.37 1.08 -1.49	28.44 0.95 -4.91	26.73 0.94 -3.98	26.24 1.08 0.00	30.70 1.12 0.00	39.74 1.38 0.00	40.03 1.35 0.00	31.38 1.06 0.00	27.77 0.91 0.00	23.59 0.86 0.00	28.65 0.76 -6.14	28.54 0.74 -6.09	28.95 0.73 -6.65	29.04 0.73 -6.72	32.79 0.73 -11.28	36.14 0.75 -13.93	39.71 1.32 -2.72	52.03 1.75 -1.55	63.41 2.20 -1.62	58.60 2.07 -0.60	48.61 1.66 -3.18	35.42 1.40 -0.58	31.59 1.13 -5.87
MG INDUSTRY__DRP 24185	27.56 1.12 -0.48	28.29 1.03 -1.46	28.32 0.90 -4.84	26.63 0.89 -3.92	26.24 1.08 0.00	30.76 1.18 0.00	39.78 1.42 0.00	39.99 1.31 0.00	31.19 0.88 0.00	27.61 0.75 0.00	23.43 0.70 0.00	28.42 0.61 -6.06	28.31 0.59 -6.01	28.72 0.58 -6.56	28.80 0.58 -6.63	32.49 0.58 -11.13	35.80 0.60 -13.74	39.50 1.14 -2.69	52.05 1.75 -1.57	63.49 2.26 -1.64	58.59 2.07 -0.59	48.54 1.62 -3.15	35.32 1.30 -0.58	31.42 1.03 -5.79
MID__OSWEGATCHIE_HYD 23849	25.15 -0.80 0.00	24.99 -0.85 -0.04	21.99 -0.72 -0.14	21.23 -0.70 -0.11	24.36 -0.81 0.00	28.63 -0.95 0.00	37.32 -1.04 0.00	37.51 -1.16 0.00	29.10 -1.21 0.00	26.00 -0.86 0.00	21.95 -0.77 0.00	21.26 -0.67 -0.18	21.10 -0.78 -0.18	20.82 -0.95 -0.19	20.84 -0.95 -0.20	20.12 -1.00 -0.33	20.78 -1.09 -0.41	34.11 -1.64 -0.08	47.03 -1.71 0.00	58.17 -1.61 -0.19	54.68 -1.51 -0.26	42.67 -1.18 -0.08	32.58 -0.87 -0.02	24.13 -0.64 -0.17
MID__RAQUETTE_HYD 23851	24.74 -1.22 0.00	24.68 -1.13 -0.02	21.64 -1.02 -0.07	20.87 -1.00 -0.06	23.90 -1.26 0.00	28.04 -1.54 0.00	36.67 -1.69 0.00	36.66 -2.01 0.00	28.62 -1.70 0.00	25.79 -1.07 0.00	21.82 -0.91 0.00	21.16 -0.70 -0.11	20.97 -0.85 -0.11	20.57 -1.12 -0.12	20.61 -1.10 -0.12	19.79 -1.18 -0.20	20.48 -1.22 -0.24	33.72 -2.00 -0.05	46.44 -2.29 0.00	57.07 -2.62 -0.11	53.73 -2.35 -0.14	42.02 -1.79 -0.05	31.97 -1.47 -0.01	23.66 -1.03 -0.10
MILLIKEN__1 23584	24.78 0.47 1.65	26.48 0.44 -0.24	23.80 0.41 -0.82	22.87 0.39 -0.66	25.71 0.55 0.01	30.28 0.71 0.00	39.39 1.04 0.01	39.79 1.12 0.01	31.10 0.79 0.00	27.37 0.51 0.00	23.04 0.32 0.00	22.89 0.20 -0.95	22.82 0.17 -0.94	22.79 0.19 -1.02	22.80 0.17 -1.04	22.76 0.21 -1.77	23.93 0.28 -2.19	34.01 0.54 2.19	44.51 0.97 5.20	56.67 1.49 4.41	57.60 1.29 -0.39	43.38 0.96 1.35	34.20 0.70 -0.06	25.95 0.44 -0.91
MILLIKEN__2 23585	24.78 0.47 1.65	26.48 0.44 -0.24	23.80 0.41 -0.82	22.87 0.39 -0.66	25.71 0.55 0.01	30.28 0.71 0.00	39.39 1.04 0.01	39.79 1.12 0.01	31.10 0.79 0.00	27.37 0.51 0.00	23.04 0.32 0.00	22.89 0.20 -0.95	22.82 0.17 -0.94	22.79 0.19 -1.02	22.80 0.17 -1.04	22.76 0.21 -1.77	23.93 0.28 -2.19	34.01 0.54 2.19	44.51 0.97 5.20	56.67 1.49 4.41	57.60 1.29 -0.39	43.38 0.96 1.35	34.20 0.70 -0.06	25.95 0.44 -0.91
MILLIKEN__DIESEL 23629	24.78 0.47 1.65	26.48 0.44 -0.24	23.80 0.41 -0.82	22.87 0.39 -0.66	25.71 0.55 0.01	30.28 0.71 0.00	39.39 1.04 0.01	39.79 1.12 0.01	31.10 0.79 0.00	27.37 0.51 0.00	23.04 0.32 0.00	22.89 0.20 -0.95	22.82 0.17 -0.94	22.79 0.19 -1.02	22.80 0.17 -1.04	22.76 0.21 -1.77	23.93 0.28 -2.19	34.01 0.54 2.19	44.51 0.97 5.20	56.67 1.49 4.41	57.60 1.29 -0.39	43.38 0.96 1.35	34.20 0.70 -0.06	25.95 0.44 -0.91
MILLSEAT__LFGE 323607	21.45 -2.28 2.22	23.89 -1.99 -0.08	21.05 -1.83 -0.30	20.33 -1.72 -0.24	23.41 -1.74 0.01	27.37 -2.19 0.01	35.27 -3.07 0.01	35.37 -3.29 0.01	28.79 -1.51 0.01	25.37 -1.48 0.01	21.03 -1.68 0.01	20.25 -1.87 -0.36	20.25 -1.82 -0.36	20.20 -1.77 -0.39	20.20 -1.79 -0.40	19.70 -1.77 -0.68	20.33 -1.97 -0.85	26.53 -2.85 6.29	37.81 -3.95 6.98	46.75 -4.95 7.89	51.05 -4.81 0.08	38.32 -3.28 2.16	30.70 -2.74 -0.01	23.17 -1.77 -0.35
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.47 1.84 -0.67	28.74 1.65 -1.30	28.31 1.45 -4.28	26.63 1.35 -3.46	26.72 1.56 0.00	31.38 1.80 0.00	40.62 2.26 0.00	41.22 2.55 0.00	32.74 2.43 0.00	28.74 1.88 0.00	24.55 1.82 0.00	29.07 2.04 -5.27	29.04 2.11 -5.23	29.37 2.09 -5.70	29.41 2.05 -5.76	32.57 1.97 -9.82	35.49 1.91 -12.12	41.32 3.28 -2.37	55.42 4.53 -2.16	67.33 5.48 -2.26	61.50 5.03 -0.53	50.59 3.76 -3.05	36.69 2.74 -0.51	31.67 1.97 -5.11
MILLWOOD_13_KV_LOAD 356217	28.50 1.87 -0.67	28.79 1.70 -1.30	28.33 1.47 -4.28	26.68 1.40 -3.46	26.77 1.61 0.00	31.41 1.83 0.00	40.66 2.30 0.00	41.26 2.59 0.00	32.77 2.46 0.00	28.77 1.91 0.00	24.57 1.84 0.00	29.09 2.07 -5.27	29.06 2.13 -5.23	29.39 2.11 -5.70	29.45 2.09 -5.76	32.59 1.99 -9.82	35.53 1.95 -12.12	41.39 3.35 -2.37	55.52 4.63 -2.16	67.45 5.60 -2.26	61.67 5.20 -0.53	50.67 3.85 -3.05	36.76 2.81 -0.51	31.69 1.99 -5.11
MODEL_CITY_ENERGY 24167	20.75 -2.83 2.38	23.27 -2.60 -0.08	20.51 -2.37 -0.30	19.81 -2.25 -0.24	22.81 -2.34 0.02	26.54 -3.02 0.01	34.12 -4.22 0.02	34.17 -4.49 0.01	27.94 -2.36 0.01	24.73 -2.12 0.01	20.51 -2.20 0.01	19.76 -2.35 -0.36	19.76 -2.30 -0.36	19.72 -2.24 -0.39	19.72 -2.27 -0.40	19.23 -2.22 -0.68	19.81 -2.49 -0.84	25.18 -3.67 6.82	36.03 -5.26 7.44	44.56 -6.79 8.23	49.08 -6.77 0.08	36.95 -4.51 2.31	29.73 -3.71 -0.01	22.53 -2.41 -0.35
MODERN_LFGE__ 323580	20.75 -2.83 2.38	23.27 -2.60 -0.08	20.51 -2.37 -0.30	19.81 -2.25 -0.24	22.81 -2.34 0.02	26.54 -3.02 0.01	34.12 -4.22 0.02	34.17 -4.49 0.01	27.94 -2.36 0.01	24.73 -2.12 0.01	20.51 -2.20 0.01	19.76 -2.35 -0.36	19.76 -2.30 -0.36	19.72 -2.24 -0.39	19.72 -2.27 -0.40	19.23 -2.22 -0.68	19.81 -2.49 -0.84	25.18 -3.67 6.82	36.03 -5.26 7.44	44.56 -6.79 8.23	49.08 -6.77 0.08	36.95 -4.51 2.31	29.73 -3.71 -0.01	22.53 -2.41 -0.35
MOHAWK_PAPER__DRP 24187	27.15 1.19 0.00	28.45 1.16 -1.49	28.52 1.02 -4.92	26.78 0.98 -3.98	26.29 1.13 0.00	30.82 1.24 0.00	39.93 1.57 0.00	40.18 1.51 0.00	31.47 1.15 0.00	27.83 0.97 0.00	23.64 0.91 0.00	28.71 0.80 -6.15	28.59 0.78 -6.10	29.01 0.78 -6.66	29.10 0.78 -6.73	32.85 0.77 -11.30	36.20 0.79 -13.95	39.82 1.43 -2.73	52.23 1.95 -1.54	63.65 2.44 -1.62	58.88 2.35 -0.60	48.84 1.88 -3.18	35.52 1.50 -0.58	31.65 1.18 -5.88
MOHICAN__35_KV_115KV_LD 80490	27.75 1.79 0.00	29.12 1.81 -1.52	29.16 1.56 -5.02	27.43 1.55 -4.07	26.95 1.79 0.00	31.82 2.25 0.00	41.42 3.07 0.00	41.34 2.67 0.00	32.19 1.88 0.00	28.39 1.53 0.00	24.07 1.34 0.00	29.15 1.13 -6.26	28.99 1.06 -6.22	29.39 1.04 -6.78	29.46 1.01 -6.85	33.34 1.06 -11.50	36.78 1.12 -14.20	40.59 2.14 -2.78	51.95 3.22 0.00	64.00 4.41 0.00	60.93 4.42 -0.58	49.79 3.33 -2.69	36.46 2.44 -0.58	32.32 1.75 -5.98
MONGAUP__HYD 23641	28.44 1.74 -0.75	28.59 1.55 -1.25	28.08 1.38 -4.12	26.55 1.40 -3.34	26.65 1.48 0.00	31.41 1.83 0.00	40.47 2.11 0.00	40.96 2.28 0.00	32.20 1.88 0.00	28.39 1.53 0.00	24.21 1.48 0.00	28.47 1.59 -5.13	28.41 1.61 -5.09	28.75 1.62 -5.56	28.78 1.58 -5.61	31.73 1.52 -9.43	34.61 1.50 -11.65	41.79 2.78 -3.34	54.80 3.70 -2.36	66.83 4.77 -2.48	60.81 4.37 -0.51	50.02 3.24 -3.01	36.20 2.27 -0.49	31.13 1.60 -4.94

MONTAUK___DIESEL 23721	51.40 2.10 -23.34	46.48 1.83 -18.86	43.38 1.63 -19.18	33.61 1.53 -10.26	43.06 1.71 -16.19	51.14 1.98 -19.59	52.28 2.34 -11.58	52.15 2.63 -10.85	32.22 1.91 0.00	28.15 1.29 0.00	24.36 1.64 0.00	29.90 1.94 -6.21	43.53 1.98 -19.84	44.67 1.90 -21.20	48.37 1.92 -24.86	46.20 1.83 -23.60	46.29 1.80 -23.03	49.69 3.03 -10.99	58.21 4.48 -5.00	69.38 5.60 -4.19	69.43 5.20 -8.29	56.02 3.85 -8.40	50.78 2.67 -14.67	49.88 1.82 -23.47
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.47 -2.57 2.91	23.52 -2.35 -0.07	20.77 -2.10 -0.29	19.95 -2.09 -0.23	22.80 -2.34 0.02	26.87 -2.69 0.02	35.11 -3.22 0.02	35.56 -3.09 0.02	28.06 -2.24 0.02	24.83 -2.01 0.01	20.92 -1.80 0.02	20.29 -1.81 -0.34	20.31 -1.74 -0.34	20.11 -1.83 -0.37	20.07 -1.90 -0.38	19.79 -1.64 -0.66	20.49 -1.78 -0.81	24.37 -2.71 8.59	36.37 -3.51 8.86	45.89 -4.41 9.29	51.52 -4.31 0.10	37.44 -3.55 2.78	30.66 -2.78 0.00	22.92 -1.99 -0.31
MORRIS_RIDGE___SOLAR 323848	20.28 -1.97 3.70	24.13 -1.73 -0.07	21.26 -1.60 -0.28	20.51 -1.53 -0.22	23.47 -1.66 0.02	27.66 -1.89 0.02	35.80 -2.53 0.03	35.63 -3.02 0.02	28.11 -2.18 0.02	24.75 -2.10 0.01	20.69 -2.02 0.02	19.96 -2.13 -0.34	19.96 -2.08 -0.34	19.91 -2.03 -0.37	19.87 -2.09 -0.37	19.73 -1.70 -0.66	20.45 -1.82 -0.82	21.55 -2.71 11.40	33.50 -3.36 11.87	43.71 -3.93 11.95	52.09 -3.69 0.15	37.10 -2.89 3.78	31.12 -2.31 0.01	23.38 -1.55 -0.33
MORTIMER_115KV_TB3 55949	22.48 -1.74 1.74	24.46 -1.42 -0.09	21.69 -1.20 -0.31	21.06 -1.00 -0.25	24.09 -1.06 0.01	28.50 -1.06 0.01	36.81 -1.53 0.01	37.08 -1.59 0.01	29.67 -0.64 0.01	26.24 -0.62 0.01	21.86 -0.86 0.01	20.97 -1.15 -0.37	20.94 -1.13 -0.36	20.94 -1.04 -0.40	20.89 -1.10 -0.40	20.34 -1.12 -0.69	21.04 -1.27 -0.85	29.01 -2.07 4.59	40.29 -2.92 5.52	49.26 -3.58 6.76	52.64 -3.24 0.05	39.64 -2.45 1.68	31.64 -1.81 -0.01	23.71 -1.23 -0.35
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.30	26.71 1.42 -3.48	26.80 1.64 0.00	31.47 1.89 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.28 2.28 -5.24	29.23 2.32 -5.20	29.56 2.31 -5.67	29.59 2.27 -5.73	32.81 2.18 -9.85	35.71 2.08 -12.17	41.58 3.53 -2.38	55.70 4.82 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
MUNSVILLE_WIND_PWR 323609	28.22 1.43 -0.83	27.48 1.16 -0.52	25.38 1.08 -1.72	24.28 1.07 -1.39	26.52 1.36 0.00	31.32 1.74 0.00	40.93 2.57 -0.01	41.70 3.02 0.00	32.17 1.85 0.00	28.34 1.48 0.00	23.71 0.98 0.00	24.30 0.76 -1.79	24.22 0.74 -1.78	24.18 0.67 -1.94	24.24 0.69 -1.96	24.71 0.64 -3.28	26.31 0.79 -4.05	40.83 2.00 -3.16	55.06 3.17 -3.16	68.24 4.65 -4.00	60.32 3.91 -0.47	48.43 2.80 -1.85	35.43 1.80 -0.19	27.51 1.16 -1.76
N SALMON___HYD 24042	25.31 -0.65 0.00	25.23 -0.57 0.00	22.06 -0.52 0.00	21.21 -0.61 0.00	24.41 -0.75 0.00	28.95 -0.62 0.00	37.78 -0.57 0.00	37.78 -0.89 0.00	29.59 -0.73 0.00	26.38 -0.48 0.00	22.21 -0.52 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.10 -0.47 0.00	21.21 -0.39 0.00	20.38 -0.40 0.00	21.09 -0.36 0.00	35.10 -0.57 0.00	48.34 -0.39 0.00	59.17 -0.41 0.00	55.48 -0.45 0.00	43.42 -0.35 0.00	33.00 -0.44 0.00	24.15 -0.44 0.00
N.AKRON__115KV_KNAPP 355671	21.40 -2.31 2.24	23.73 -2.14 -0.08	21.03 -1.85 -0.30	20.44 -1.61 -0.24	23.39 -1.76 0.01	27.67 -1.89 0.01	35.69 -2.65 0.01	35.95 -2.71 0.01	28.82 -1.49 0.01	25.48 -1.37 0.01	21.15 -1.57 0.01	20.26 -1.85 -0.35	20.24 -1.82 -0.35	20.23 -1.73 -0.38	20.19 -1.79 -0.39	19.70 -1.75 -0.66	20.29 -2.00 -0.82	26.41 -2.89 6.37	37.73 -4.00 7.01	46.67 -5.01 7.91	50.88 -4.98 0.08	38.27 -3.33 2.17	30.77 -2.67 -0.01	23.13 -1.80 -0.33
N.BELMOR_69_KV_BK1 55787	51.69 2.39 -23.34	46.84 2.19 -18.86	43.65 1.90 -19.18	33.89 1.81 -10.26	43.43 2.09 -16.19	51.59 2.43 -19.59	53.00 3.07 -11.58	52.92 3.40 -10.85	33.16 2.85 0.00	29.06 2.20 0.00	25.02 2.30 0.00	30.50 2.55 -6.21	44.16 2.61 -19.84	45.36 2.59 -21.20	49.00 2.55 -24.86	46.83 2.45 -23.60	46.90 2.40 -23.03	50.73 4.07 -10.99	60.22 5.46 -6.03	71.15 6.67 -4.89	73.24 6.21 -11.10	58.74 4.64 -10.33	51.61 3.48 -14.69	50.57 2.51 -23.47
N.E._GEN_SANDY PD 24062	39.10 1.50 -11.64	36.60 1.42 -9.39	34.30 1.22 -10.50	36.50 1.24 -13.44	36.70 1.36 -10.18	41.23 1.63 -10.03	48.90 2.11 -8.44	46.20 2.20 -5.32	37.30 1.76 -5.23	28.34 1.48 0.00	26.02 1.36 -1.93	28.81 1.22 -5.84	28.74 1.24 -5.79	29.10 1.21 -6.32	29.23 1.25 -6.38	32.69 1.18 -10.73	35.97 1.27 -13.25	40.40 2.14 -2.59	53.19 2.87 -1.58	64.70 3.45 -1.66	59.80 3.30 -0.57	49.50 2.67 -3.06	42.90 2.07 -7.39	40.00 1.55 -13.86
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.49 1.84 -0.69	28.74 1.65 -1.29	28.28 1.45 -4.26	26.62 1.35 -3.45	26.72 1.56 0.00	31.38 1.80 0.00	40.66 2.30 0.00	41.22 2.55 0.00	32.71 2.39 0.00	28.71 1.85 0.00	24.52 1.80 0.00	28.95 2.00 -5.19	28.92 2.06 -5.15	29.22 2.03 -5.62	29.30 2.03 -5.68	32.48 1.95 -9.75	35.39 1.89 -12.04	42.26 3.25 -3.34	55.45 4.48 -2.23	67.41 5.48 -2.34	61.55 5.09 -0.53	50.58 3.76 -3.04	36.68 2.74 -0.51	31.61 1.94 -5.07
N.QUEENS_27_KV_LOAD 356247	28.81 2.18 -0.67	29.09 1.99 -1.31	28.62 1.74 -4.30	26.96 1.66 -3.48	27.08 1.91 -0.01	31.82 2.25 0.00	40.93 2.57 0.00	41.73 3.06 0.00	33.13 2.82 0.00	29.15 2.28 -0.01	24.89 2.16 -0.01	29.55 2.55 -5.25	29.52 2.61 -5.21	29.82 2.57 -5.68	29.86 2.53 -5.74	33.05 2.41 -9.86	35.97 2.34 -12.17	41.72 3.67 -2.38	55.94 5.07 -2.14	67.73 5.90 -2.24	61.89 5.43 -0.54	51.16 4.33 -3.05	37.16 3.21 -0.52	32.15 2.43 -5.12
N.TROY___115KV_TB1 355778	27.25 1.30 0.00	28.56 1.26 -1.50	28.62 1.08 -4.95	26.90 1.07 -4.01	26.39 1.23 0.00	31.02 1.45 0.00	40.24 1.88 0.00	40.49 1.82 0.00	31.65 1.33 0.00	28.01 1.15 0.00	23.77 1.05 0.00	28.81 0.87 -6.19	28.70 0.85 -6.14	29.11 0.84 -6.70	29.23 0.86 -6.77	33.00 0.85 -11.37	36.42 0.92 -14.04	40.06 1.64 -2.74	50.98 2.24 0.00	62.39 2.80 0.00	59.24 2.74 -0.57	48.62 2.19 -2.66	35.75 1.74 -0.58	31.79 1.28 -5.91
NARROWS_GT1_1 24228	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
NARROWS_GT1_2 24229	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15

NARROWS_GT1_3 24230	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT1_4 24231	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT1_5 24232	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT1_6 24233	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT1_7 24234	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT1_8 24235	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_1 24236	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_2 24237	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_3 24238	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_4 24239	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_5 24240	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_6 24241	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_7 24242	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NARROWS_GT2_8 24243	28.78	29.06	28.58	27.02	27.00	31.85	41.19	42.01	33.16	29.20	24.94	29.64	29.60	29.97	29.95	33.03	35.95	41.87	56.12	68.01	62.18	51.29	37.17	32.10
	2.15	1.96	1.69	1.72	1.84	2.28	2.84	3.33	2.85	2.34	2.20	2.52	2.56	2.59	2.48	2.39	2.32	3.82	5.26	6.20	5.71	4.47	3.21	2.36
	-0.67	-1.31	-4.30	-3.48	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	-5.37	-5.33	-5.81	-5.87	-9.86	-12.17	-2.39	-2.12	-2.22	-0.54	-3.05	-0.53	-5.15
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.98	28.37	28.33	26.65	26.59	31.23	40.39	40.49	31.53	27.75	23.50	28.17	28.04	28.44	28.55	32.21	35.49	39.53	52.78	64.60	59.03	48.79	35.47	31.40
	1.51	1.13	0.99	0.98	1.43	1.66	2.03	1.82	1.21	0.89	0.77	0.48	0.43	0.43	0.45	0.48	0.52	1.21	2.39	3.28	2.52	1.88	1.47	1.11
	-0.52	-1.44	-4.75	-3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.94	-5.90	-6.43	-6.50	-10.95	-13.52	-2.64	-1.66	-1.74	-0.58	-3.14	-0.57	-5.70

NCHELSEA_115KV_TR2 355582	28.49 1.87 -0.67	28.80 1.70 -1.30	28.35 1.47 -4.30	26.69 1.40 -3.48	26.77 1.61 0.00	31.47 1.89 0.00	40.73 2.38 0.00	41.26 2.59 0.00	32.83 2.52 0.00	28.71 1.85 0.00	24.48 1.75 0.00	28.99 1.91 -5.32	28.95 1.95 -5.28	29.28 1.94 -5.76	29.36 1.94 -5.82	32.67 1.89 -10.00	35.68 1.87 -12.35	41.44 3.35 -2.41	55.49 4.68 -2.08	67.60 5.84 -2.18	61.79 5.31 -0.54	50.82 3.98 -3.07	36.83 2.88 -0.52	31.84 2.04 -5.20
NEG CAPITAL___MECHNVIL 23645	27.51 1.56 0.00	28.86 1.55 -1.51	28.91 1.33 -5.00	27.24 1.38 -4.05	26.70 1.53 0.00	31.47 1.89 0.00	40.89 2.53 0.00	40.99 2.32 0.00	31.95 1.64 0.00	28.23 1.37 0.00	23.93 1.20 0.00	29.01 1.02 -6.23	28.87 0.98 -6.19	29.27 0.95 -6.75	29.36 0.95 -6.82	33.21 0.98 -11.46	36.64 1.03 -14.15	40.33 1.89 -2.77	51.51 2.78 0.00	63.28 3.70 0.00	60.14 3.63 -0.57	49.26 2.80 -2.68	36.13 2.11 -0.58	32.11 1.53 -6.00
NEG CENTRAL_HIGH_ACRES 23767	22.55 -1.84 1.57	24.39 -1.50 -0.09	21.58 -1.33 -0.33	20.80 -1.29 -0.27	23.92 -1.23 0.01	28.00 -1.57 0.01	36.24 -2.11 0.01	36.38 -2.28 0.01	29.28 -1.03 0.01	25.83 -1.02 0.00	21.56 -1.16 0.01	20.85 -1.30 -0.40	20.85 -1.26 -0.40	20.80 -1.21 -0.44	20.81 -1.23 -0.44	20.28 -1.25 -0.75	21.04 -1.35 -0.93	29.59 -2.25 3.84	40.56 -3.17 5.00	49.13 -3.87 6.59	52.31 -3.58 0.04	39.52 -2.76 1.50	31.35 -2.11 -0.02	23.53 -1.45 -0.39
NEG CENTRAL___DRP 24199	23.73 -0.42 1.81	25.57 -0.34 -0.11	22.67 -0.29 -0.38	21.84 -0.28 -0.31	24.98 -0.18 0.01	29.42 -0.15 0.01	38.27 -0.08 0.01	38.62 -0.04 0.01	30.28 -0.03 0.01	26.67 -0.19 0.00	22.45 -0.27 0.01	21.77 -0.44 -0.45	21.75 -0.41 -0.45	21.68 -0.39 -0.49	21.68 -0.41 -0.50	21.28 -0.35 -0.85	22.17 -0.34 -1.05	30.99 -0.54 4.14	42.35 -0.58 5.79	58.82 -0.54 0.23	55.65 -0.62 -0.34	41.55 -0.48 1.74	33.05 -0.40 -0.02	24.71 -0.32 -0.44
NEG CENTRAL___INDECK 23768	21.68 -1.17 3.11	25.02 -0.85 -0.08	22.08 -0.79 -0.29	21.29 -0.76 -0.23	24.51 -0.63 0.02	28.88 -0.68 0.02	37.38 -0.96 0.02	37.26 -1.39 0.02	29.66 -0.64 0.01	25.96 -0.89 0.01	21.58 -1.14 0.01	20.72 -1.39 -0.36	20.72 -1.35 -0.35	20.67 -1.29 -0.39	20.65 -1.34 -0.39	20.34 -1.12 -0.68	21.12 -1.18 -0.84	24.81 -1.64 9.22	36.89 -1.71 10.14	47.71 -1.61 10.27	54.41 -1.40 0.12	39.42 -1.14 3.21	32.33 -1.10 0.00	24.18 -0.76 -0.35
NEG CENTRAL___SENECA 23627	22.93 -0.62 2.40	25.37 -0.52 -0.09	22.47 -0.45 -0.34	21.65 -0.44 -0.27	24.82 -0.33 0.01	29.27 -0.30 0.01	38.07 -0.27 0.01	38.39 -0.27 0.01	30.12 -0.18 0.01	26.50 -0.35 0.01	22.24 -0.48 0.01	21.50 -0.65 -0.40	21.46 -0.65 -0.40	21.41 -0.60 -0.44	21.39 -0.65 -0.44	20.98 -0.56 -0.76	21.84 -0.56 -0.94	28.71 -0.82 6.14	40.15 -0.88 7.71	59.90 -0.83 -1.15	55.10 -0.95 -0.12	40.67 -0.70 2.40	32.84 -0.60 -0.01	24.51 -0.47 -0.39
NEG CENTRAL___STATE_STREET 24147	24.58 -0.10 1.27	25.88 -0.05 -0.14	23.00 -0.05 -0.47	22.15 -0.04 -0.38	25.21 0.05 0.01	29.69 0.12 0.00	38.62 0.27 0.01	39.02 0.35 0.01	30.55 0.24 0.00	26.96 0.11 0.00	22.72 0.00 0.00	22.18 -0.13 -0.56	22.13 -0.13 -0.55	22.09 -0.09 -0.61	22.10 -0.11 -0.61	21.74 -0.08 -1.05	22.71 -0.04 -1.29	33.38 -0.11 2.18	44.63 -0.05 4.05	57.31 0.12 2.40	56.49 0.06 -0.50	42.64 0.00 1.13	33.43 -0.03 -0.03	25.06 -0.07 -0.54
NEG MILLWOOD___DRP 24198	28.56 1.95 -0.66	28.88 1.78 -1.31	28.46 1.56 -4.32	26.80 1.48 -3.50	26.87 1.71 0.00	31.55 1.98 0.00	40.85 2.49 0.00	41.38 2.71 0.00	32.92 2.61 0.00	28.82 1.96 0.00	24.59 1.86 0.00	29.09 2.02 -5.31	29.09 2.11 -5.27	29.44 2.11 -5.75	29.50 2.09 -5.81	32.76 1.99 -9.98	35.74 1.95 -12.33	41.58 3.50 -2.41	55.64 4.82 -2.08	67.79 6.02 -2.18	62.01 5.54 -0.54	50.90 4.07 -3.06	36.93 2.98 -0.52	31.88 2.09 -5.19
NEG NORTH_FLCN_SEA 23793	25.57 -0.39 0.00	25.54 -0.26 0.00	22.31 -0.27 0.00	21.49 -0.33 0.00	24.63 -0.53 0.00	28.95 -0.62 0.00	37.74 -0.61 0.00	37.82 -0.85 0.00	29.62 -0.70 0.00	26.43 -0.43 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.36 -0.35 0.00	21.14 -0.43 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.09 -0.36 0.00	35.14 -0.54 0.00	48.34 -0.39 0.00	59.17 -0.42 0.00	55.54 -0.39 0.00	43.42 -0.35 0.00	32.97 -0.47 0.00	24.18 -0.42 0.00
NEG NORTH_KES_CHATEGAY 23792	25.33 -0.62 0.00	25.30 -0.49 0.00	22.08 -0.50 0.00	21.27 -0.55 0.00	24.38 -0.78 0.00	28.72 -0.86 0.00	37.36 -1.00 0.00	37.43 -1.24 0.00	29.31 -1.00 0.00	26.11 -0.75 0.00	22.00 -0.73 0.00	21.16 -0.59 0.00	21.10 -0.61 0.00	20.93 -0.65 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.78 -0.89 0.00	47.86 -0.88 0.00	58.52 -1.07 0.00	54.98 -0.95 0.00	42.98 -0.79 0.00	32.67 -0.77 0.00	23.98 -0.61 0.00
NEG NORTH___ALICE_FALLS 23915	25.57 -0.39 0.00	25.54 -0.26 0.00	22.31 -0.27 0.00	21.49 -0.33 0.00	24.63 -0.53 0.00	29.01 -0.56 0.00	37.86 -0.50 0.00	37.86 -0.81 0.00	29.62 -0.70 0.00	26.43 -0.43 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.12 -0.45 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.12 -0.34 0.00	35.21 -0.46 0.00	48.44 -0.29 0.00	59.29 -0.30 0.00	55.65 -0.28 0.00	43.51 -0.26 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
NEG NORTH___LWR_SARANAC 23913	25.57 -0.39 0.00	25.54 -0.26 0.00	22.31 -0.27 0.00	21.49 -0.33 0.00	24.63 -0.53 0.00	29.01 -0.56 0.00	37.86 -0.50 0.00	37.86 -0.81 0.00	29.62 -0.70 0.00	26.43 -0.43 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.12 -0.45 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.12 -0.34 0.00	35.21 -0.46 0.00	48.44 -0.29 0.00	59.29 -0.30 0.00	55.65 -0.28 0.00	43.51 -0.26 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
NEG NORTH___PLATTSBURG 23628	25.57 -0.39 0.00	25.49 -0.31 0.00	22.31 -0.27 0.00	21.42 -0.39 0.00	24.63 -0.53 0.00	29.04 -0.53 0.00	37.82 -0.54 0.00	37.86 -0.81 0.00	29.62 -0.70 0.00	26.40 -0.46 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.12 -0.45 0.00	21.23 -0.37 0.00	20.41 -0.37 0.00	21.11 -0.34 0.00	35.21 -0.46 0.00	48.44 -0.29 0.00	59.29 -0.30 0.00	55.65 -0.28 0.00	43.51 -0.26 0.00	33.07 -0.37 0.00	24.20 -0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	20.88 -2.73 2.35	23.37 -2.50 -0.08	20.71 -2.17 -0.30	20.11 -1.94 -0.24	23.01 -2.14 0.02	27.16 -2.40 0.01	34.89 -3.45 0.02	35.14 -3.52 0.01	28.27 -2.03 0.01	25.08 -1.77 0.01	20.83 -1.89 0.01	19.95 -2.15 -0.35	19.95 -2.11 -0.35	19.95 -2.01 -0.38	19.88 -2.09 -0.38	19.42 -2.02 -0.66	19.98 -2.30 -0.82	25.41 -3.50 6.76	36.48 -4.92 7.33	45.10 -6.32 8.17	49.64 -6.21 0.08	37.25 -4.25 2.28	30.20 -3.24 -0.01	22.76 -2.16 -0.33
NEG WEST___LANCASTR 23811	21.80 -1.27 2.88	24.76 -1.11 -0.07	21.54 -1.33 -0.29	20.63 -1.42 -0.23	23.48 -1.66 0.02	27.52 -2.04 0.02	36.00 -2.34 0.02	36.87 -1.78 0.02	28.12 -2.18 0.02	24.81 -2.04 0.01	21.26 -1.45 0.02	20.96 -1.13 -0.34	20.96 -1.09 -0.34	20.76 -1.19 -0.37	20.80 -1.17 -0.38	20.73 -0.71 -0.66	21.42 -0.86 -0.82	25.67 -1.36 8.64	38.00 -1.85 8.88	47.64 -2.44 9.51	53.59 -2.24 0.10	39.36 -1.62 2.79	32.13 -1.30 0.00	24.05 -0.86 -0.32

NEG_PENN_ALLEGHNY 23528	30.77 0.34 -4.48	26.71 0.33 -0.58	24.72 0.27 -1.87	23.62 0.28 -1.52	25.56 0.38 -0.02	30.06 0.47 -0.02	39.10 0.73 -0.02	39.58 0.89 -0.02	30.97 0.64 -0.02	27.33 0.46 -0.01	23.13 0.39 -0.02	24.27 0.33 -2.19	24.20 0.33 -2.17	24.31 0.37 -2.36	24.33 0.34 -2.39	25.11 0.33 -4.00	26.74 0.34 -4.93	46.34 0.61 -10.06	64.17 0.92 -14.51	76.55 1.19 -15.77	57.69 1.06 -0.69	50.43 0.79 -5.87	34.28 0.57 -0.28	27.12 0.37 -2.15
NEG___GEN_MONROE 24207	22.38 -1.82 1.76	24.36 -1.52 -0.09	21.60 -1.29 -0.31	20.97 -1.09 -0.25	24.02 -1.13 0.01	28.44 -1.12 0.01	36.73 -1.61 0.01	36.96 -1.70 0.01	29.52 -0.79 0.01	26.05 -0.81 0.01	21.70 -1.02 0.01	20.79 -1.33 -0.37	20.75 -1.32 -0.36	20.74 -1.23 -0.40	20.70 -1.30 -0.40	20.18 -1.29 -0.68	20.85 -1.46 -0.85	28.63 -2.35 4.68	39.92 -3.22 5.60	48.90 -3.87 6.82	52.30 -3.58 0.05	39.48 -2.58 1.70	31.51 -1.94 -0.01	23.66 -1.28 -0.35
NEPA___ENERGY 23901	21.34 -1.71 2.91	24.40 -1.47 -0.07	21.49 -1.38 -0.29	20.70 -1.35 -0.23	23.66 -1.48 0.02	27.87 -1.69 0.02	36.19 -2.15 0.02	36.56 -2.09 0.02	28.81 -1.49 0.02	25.48 -1.37 0.01	21.42 -1.30 0.02	20.75 -1.35 -0.34	20.75 -1.30 -0.34	20.63 -1.32 -0.37	20.63 -1.34 -0.38	20.29 -1.14 -0.66	20.94 -1.33 -0.82	24.91 -2.00 8.76	37.12 -2.63 8.99	46.82 -3.34 9.43	52.64 -3.19 0.11	38.54 -2.41 2.83	31.60 -1.84 0.00	23.71 -1.21 -0.32
NEVERSINK___HYD 23608	28.66 1.89 -0.81	28.72 1.70 -1.22	28.09 1.49 -4.02	26.60 1.53 -3.25	26.80 1.63 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.54 2.86 0.00	32.74 2.43 0.00	28.71 1.85 0.00	24.46 1.73 0.00	28.61 1.80 -5.05	28.55 1.82 -5.01	28.90 1.86 -5.47	28.95 1.83 -5.53	31.83 1.77 -9.29	34.68 1.76 -11.46	42.42 3.28 -3.47	55.61 4.58 -2.30	67.84 5.84 -2.41	61.71 5.26 -0.52	50.69 3.89 -3.02	36.71 2.77 -0.50	31.56 1.97 -5.00
NEWKRMKL_115KV_TB1 55635	27.00 1.04 0.00	28.29 1.01 -1.49	28.37 0.88 -4.91	26.67 0.87 -3.98	26.14 0.98 0.00	30.55 0.98 0.00	39.55 1.19 0.00	39.79 1.12 0.00	31.19 0.88 0.00	27.61 0.75 0.00	23.45 0.73 0.00	28.55 0.65 -6.14	28.41 0.61 -6.09	28.83 0.60 -6.65	28.92 0.60 -6.72	32.66 0.60 -11.28	36.01 0.62 -13.93	39.50 1.11 -2.72	51.74 1.46 -1.54	63.05 1.85 -1.62	58.32 1.79 -0.60	48.30 1.36 -3.18	35.22 1.20 -0.58	31.49 1.03 -5.87
NEWTON___FALLS_HYD 23847	25.15 -0.80 0.00	24.99 -0.85 -0.04	21.99 -0.72 -0.14	21.23 -0.70 -0.11	24.36 -0.81 0.00	28.63 -0.95 0.00	37.32 -1.04 0.00	37.51 -1.16 0.00	29.10 -0.86 0.00	26.00 -0.86 0.00	21.95 -0.77 0.00	21.26 -0.67 -0.18	21.10 -0.78 -0.18	20.82 -0.95 -0.19	20.84 -0.95 -0.20	20.12 -1.00 -0.33	20.78 -1.09 -0.41	34.11 -1.64 -0.08	47.03 -1.71 0.00	58.17 -1.61 -0.19	54.68 -1.51 -0.26	42.67 -1.18 -0.08	32.58 -0.87 -0.02	24.13 -0.64 -0.17
NGRID_A1_DSASP 323792	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
NGRID_A2_DSASP 323793	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
NGRID_A4_DSASP 323807	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
NIAGARA_115E_LBMP 323715	20.67 -2.88 2.40	23.17 -2.71 -0.08	20.39 -2.48 -0.30	19.72 -2.33 -0.24	22.70 -2.44 0.02	26.40 -3.16 0.01	33.93 -4.41 0.02	33.98 -4.68 0.02	27.79 -2.52 0.01	24.62 -2.23 0.01	20.42 -2.29 0.01	19.65 -2.46 -0.36	19.68 -2.39 -0.36	19.63 -2.33 -0.39	19.64 -2.35 -0.39	19.13 -2.33 -0.68	19.70 -2.60 -0.84	24.95 -3.82 6.91	35.76 -5.46 7.51	44.22 -7.09 8.28	48.74 -7.10 0.08	36.75 -4.68 2.34	29.56 -3.88 -0.01	22.41 -2.53 -0.35
NIAGARA_115W_LBMP 323714	20.58 -2.98 2.39	23.09 -2.79 -0.08	20.42 -2.46 -0.30	19.61 -2.44 -0.24	22.65 -2.49 0.02	26.29 -3.25 0.03	33.74 -4.60 0.02	33.75 -4.91 0.02	27.74 -2.55 0.03	24.60 -2.23 0.03	20.36 -2.34 0.03	19.70 -2.42 -0.36	19.76 -2.30 -0.36	19.85 -2.11 -0.39	19.87 -2.12 -0.39	19.25 -2.20 -0.68	19.61 -2.68 -0.84	24.87 -3.89 6.91	35.27 -5.95 7.51	43.51 -7.80 8.28	48.36 -7.49 0.08	36.49 -4.95 2.34	29.40 -4.05 -0.01	22.46 -2.48 -0.35
NIAGARA_230_LBMP 323716	20.71 -2.91 2.34	23.50 -2.37 -0.08	20.73 -2.15 -0.30	19.98 -2.07 -0.24	23.03 -2.11 0.02	26.81 -2.75 0.01	34.43 -3.91 0.02	34.48 -4.18 0.01	28.21 -2.09 0.01	25.00 -1.85 0.01	20.74 -1.98 0.01	19.98 -2.13 -0.36	19.98 -2.08 -0.36	19.98 -1.98 -0.39	19.98 -2.01 -0.39	19.44 -2.02 -0.67	20.00 -2.30 -0.84	25.00 -3.78 6.89	35.83 -5.41 7.49	44.36 -6.97 8.26	49.42 -6.43 0.08	36.81 -4.64 2.32	30.00 -3.44 -0.01	22.75 -2.19 -0.35
NIAGARA___115KV_198_GIBSON 55903	20.58 -2.99 2.39	23.01 -2.86 -0.08	20.41 -2.46 -0.30	19.85 -2.20 -0.24	22.65 -2.49 0.02	26.70 -2.84 0.03	34.20 -4.14 0.02	34.36 -4.29 0.02	27.83 -2.46 0.03	24.76 -2.07 0.03	20.51 -2.18 0.03	19.71 -2.39 -0.35	19.73 -2.32 -0.35	19.90 -2.05 -0.38	19.84 -2.14 -0.38	19.25 -2.18 -0.66	19.59 -2.68 -0.82	24.87 -3.89 6.91	35.32 -5.95 7.47	43.55 -7.81 8.23	48.30 -7.55 0.08	36.50 -4.95 2.32	29.53 -3.91 -0.01	22.44 -2.48 -0.33
NIAGARA____ 23760	20.71 -2.91 2.34	23.50 -2.37 -0.08	20.73 -2.15 -0.30	19.98 -2.07 -0.24	23.03 -2.11 0.02	26.80 -2.75 0.02	34.43 -3.91 0.02	34.48 -4.18 0.01	28.20 -2.09 0.02	24.99 -1.85 0.02	20.73 -1.98 0.02	19.98 -2.13 -0.36	19.98 -2.08 -0.36	19.98 -1.98 -0.39	19.98 -2.01 -0.39	19.44 -2.02 -0.68	20.00 -2.30 -0.84	25.00 -3.78 6.89	35.83 -5.41 7.50	44.35 -6.97 8.26	49.42 -6.43 0.08	36.81 -4.64 2.32	30.00 -3.44 -0.01	22.75 -2.19 -0.35
NINE_MILE_1 23575	24.74 -0.73 0.49	25.19 -0.70 -0.09	22.26 -0.61 -0.29	21.46 -0.59 -0.23	24.56 -0.60 0.00	28.84 -0.74 0.00	37.40 -0.96 0.00	37.71 -0.97 0.00	29.68 -0.64 0.00	26.24 -0.62 0.00	22.16 -0.57 0.00	21.51 -0.59 -0.34	21.46 -0.59 -0.34	21.39 -0.56 -0.37	21.39 -0.58 -0.38	20.87 -0.54 -0.63	21.68 -0.56 -0.78	34.79 -1.04 -0.15	45.58 -1.61 1.55	53.57 -1.91 4.10	50.96 -1.84 3.13	41.97 -1.40 0.39	32.42 -1.04 -0.02	24.19 -0.74 -0.33

NINE_MILE_2 23744	24.75 -0.73 0.48	25.19 -0.70 -0.09	22.26 -0.61 -0.29	21.46 -0.59 -0.23	24.56 -0.60 0.00	28.84 -0.74 0.00	37.40 -0.96 0.00	37.71 -0.97 0.00	29.68 -0.64 0.00	26.24 -0.62 0.00	22.16 -0.57 0.00	21.51 -0.59 -0.34	21.46 -0.59 -0.34	21.39 -0.56 -0.37	21.41 -0.56 -0.38	20.87 -0.54 -0.63	21.68 -0.56 -0.78	34.79 -1.04 -0.15	45.63 -1.56 1.54	53.54 -1.91 4.14	50.91 -1.84 3.18	41.98 -1.40 0.39	32.42 -1.04 -0.02	24.19 -0.74 -0.33
NM_CAPITAL___DRP 24208	27.07 1.12 0.00	28.34 1.06 -1.48	28.41 0.93 -4.90	26.68 0.89 -3.97	26.19 1.03 0.00	30.64 1.06 0.00	39.66 1.30 0.00	39.95 1.28 0.00	31.28 0.97 0.00	27.69 0.83 0.00	23.55 0.82 0.00	28.60 0.72 -6.13	28.49 0.69 -6.08	28.90 0.69 -6.63	28.99 0.69 -6.70	32.73 0.69 -11.26	36.07 0.71 -13.90	39.64 1.25 -2.72	51.94 1.66 -1.55	63.23 2.03 -1.62	58.48 1.96 -0.59	48.48 1.53 -3.17	35.32 1.30 -0.58	31.53 1.08 -5.86
NM_CENTRAL___DRP 24181	25.05 -0.23 0.67	25.71 -0.21 -0.12	22.83 -0.16 -0.41	22.00 -0.15 -0.33	25.06 -0.10 0.00	29.48 -0.09 0.00	38.28 -0.08 0.00	38.83 0.15 0.00	30.47 0.15 0.00	26.91 0.05 0.00	22.73 0.00 0.00	22.17 -0.09 -0.50	22.14 -0.07 -0.50	22.10 -0.02 -0.54	22.10 -0.04 -0.55	21.68 -0.04 -0.94	22.58 -0.04 -1.16	35.72 -0.18 -0.23	46.26 -0.29 2.18	57.57 -0.30 1.72	56.03 -0.34 -0.44	42.97 -0.26 0.54	33.30 -0.17 -0.03	24.91 -0.17 -0.49
NM_FRONTIER___DRP 24179	20.58 -2.99 2.39	23.01 -2.86 -0.08	20.41 -2.46 -0.30	19.85 -2.20 -0.24	22.65 -2.49 0.02	26.70 -2.84 0.03	34.20 -4.14 0.02	34.36 -4.29 0.02	27.83 -2.46 0.03	24.76 -2.07 0.03	20.51 -2.18 0.03	19.71 -2.39 -0.35	19.73 -2.32 -0.35	19.90 -2.05 -0.38	19.84 -2.14 -0.38	19.25 -2.18 -0.66	19.59 -2.68 -0.82	24.87 -3.89 6.91	35.32 -5.95 7.47	43.55 -7.81 8.23	48.30 -7.55 0.08	36.50 -4.95 2.32	29.53 -3.91 -0.01	22.44 -2.48 -0.33
NM_ST_REGIS___HYD 24053	24.89 -1.06 0.00	24.83 -0.98 -0.02	21.76 -0.88 -0.07	21.00 -0.87 -0.05	24.03 -1.13 0.00	28.06 -1.51 0.00	36.75 -1.61 0.00	36.70 -1.97 0.00	28.62 -1.70 0.00	25.81 -1.05 0.00	21.82 -0.91 0.00	21.16 -0.70 -0.11	20.97 -0.85 -0.11	20.57 -1.12 -0.12	20.61 -1.10 -0.12	19.79 -1.18 -0.20	20.50 -1.20 -0.24	33.76 -1.96 -0.05	46.54 -2.19 0.00	57.19 -2.50 -0.11	53.78 -2.29 -0.14	42.07 -1.75 -0.05	32.01 -1.44 -0.01	23.71 -0.98 -0.10
NORTHPORT___1 23551	51.50 2.21 -23.34	46.64 1.99 -18.86	43.49 1.74 -19.18	33.85 1.77 -10.26	43.23 1.89 -16.19	51.47 2.31 -19.59	52.89 2.95 -11.58	52.84 3.33 -10.85	32.95 2.64 0.00	28.88 2.02 0.00	24.84 2.11 0.00	30.47 2.39 -6.33	44.08 2.41 -19.96	45.34 2.44 -21.33	48.94 2.35 -24.99	46.64 2.27 -23.59	46.70 2.21 -23.03	50.37 3.71 -10.99	58.30 4.63 -4.93	69.32 5.60 -4.14	69.39 5.26 -8.20	56.04 3.94 -8.33	51.22 3.11 -14.67	50.37 2.29 -23.49
NORTHPORT___2 23552	51.50 2.21 -23.34	46.64 1.99 -18.86	43.49 1.74 -19.18	33.85 1.77 -10.26	43.23 1.89 -16.19	51.47 2.31 -19.59	52.89 2.95 -11.58	52.84 3.33 -10.85	32.95 2.64 0.00	28.88 2.02 0.00	24.84 2.11 0.00	30.47 2.39 -6.33	44.08 2.41 -19.96	45.34 2.44 -21.33	48.94 2.35 -24.99	46.64 2.27 -23.59	46.70 2.21 -23.03	50.37 3.71 -10.99	58.30 4.63 -4.93	69.32 5.60 -4.14	69.39 5.26 -8.20	56.04 3.94 -8.33	51.22 3.11 -14.67	50.37 2.29 -23.49
NORTHPORT___3 23553	51.48 2.18 -23.34	46.64 1.99 -18.86	43.47 1.72 -19.18	33.83 1.75 -10.26	43.23 1.89 -16.19	51.47 2.31 -19.59	52.89 2.95 -11.58	52.80 3.29 -10.85	32.95 2.64 0.00	28.88 2.02 0.00	24.84 2.11 0.00	30.45 2.37 -6.33	44.08 2.41 -19.96	45.34 2.44 -21.33	48.94 2.35 -24.99	46.64 2.27 -23.59	46.70 2.21 -23.03	50.37 3.71 -10.99	58.26 4.58 -4.94	69.27 5.54 -4.14	69.37 5.20 -8.23	56.01 3.89 -8.35	51.18 3.07 -14.67	50.37 2.29 -23.49
NORTHPORT___4 23650	51.48 2.18 -23.34	46.64 1.99 -18.86	43.47 1.72 -19.18	33.83 1.75 -10.26	43.23 1.89 -16.19	51.47 2.31 -19.59	52.89 2.95 -11.58	52.80 3.29 -10.85	32.95 2.64 0.00	28.88 2.02 0.00	24.84 2.11 0.00	30.45 2.37 -6.33	44.08 2.41 -19.96	45.34 2.44 -21.33	48.94 2.35 -24.99	46.64 2.27 -23.59	46.70 2.21 -23.03	50.37 3.71 -10.99	58.26 4.58 -4.94	69.27 5.54 -4.14	69.37 5.20 -8.23	56.01 3.89 -8.35	51.18 3.07 -14.67	50.37 2.29 -23.49
NORTHPORT___IC 23718	51.50 2.21 -23.34	46.64 1.99 -18.86	43.49 1.74 -19.18	33.74 1.66 -10.26	43.23 1.89 -16.19	51.35 2.19 -19.59	52.66 2.72 -11.58	52.61 3.09 -10.85	32.89 2.58 0.00	28.79 1.93 0.00	24.82 2.09 0.00	30.31 2.35 -6.21	43.96 2.41 -19.84	45.15 2.37 -21.20	48.81 2.35 -24.86	46.64 2.26 -23.60	46.70 2.21 -23.03	50.37 3.71 -10.99	58.32 4.63 -4.96	69.36 5.60 -4.17	69.39 5.26 -8.20	56.04 3.94 -8.34	51.21 3.11 -14.67	50.35 2.29 -23.47
NORTH___COUNTRY_ESR 323785	25.28 -0.68 0.00	25.20 -0.59 0.00	22.06 -0.52 0.00	21.18 -0.63 0.00	24.35 -0.81 0.00	28.66 -0.92 0.00	37.24 -1.11 0.00	37.36 -1.31 0.00	29.28 -1.03 0.00	26.08 -0.78 0.00	22.02 -0.70 0.00	21.19 -0.57 0.00	21.12 -0.59 0.00	20.93 -0.65 0.00	20.99 -0.60 0.00	20.18 -0.60 0.00	20.88 -0.58 0.00	34.74 -0.93 0.00	47.76 -0.97 0.00	58.33 -1.25 0.00	54.81 -1.12 0.00	42.85 -0.92 0.00	32.63 -0.80 0.00	23.91 -0.69 0.00
NPX_GEN_1385_PROXY 323591	51.50 2.21 -23.34	46.64 1.99 -18.86	43.49 1.74 -19.18	33.85 1.77 -10.26	43.23 1.89 -16.19	51.47 2.31 -19.59	52.89 2.95 -11.58	52.84 3.33 -10.85	32.95 2.64 0.00	28.88 2.02 0.00	24.84 2.11 0.00	30.47 2.39 -6.33	44.08 2.41 -19.96	45.34 2.44 -21.33	48.94 2.35 -24.99	46.64 2.27 -23.59	46.70 2.21 -23.03	50.37 3.71 -10.99	58.30 4.63 -4.93	69.32 5.60 -4.14	69.39 5.26 -8.20	56.04 3.94 -8.33	51.22 3.11 -14.67	50.37 2.29 -23.49
NPX_GEN_CSC 323557	51.74 2.44 -23.34	46.84 2.19 -18.86	43.67 1.92 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.20 5.51 -4.97	70.48 6.73 -4.16	70.54 6.32 -8.29	56.93 4.77 -8.39	51.62 3.51 -14.67	50.57 2.48 -23.49
NSINS_S_GLNS_FALLS 23858	27.75 1.79 0.00	29.12 1.81 -1.52	29.16 1.56 -5.02	27.43 1.55 -4.07	26.97 1.81 0.00	31.85 2.28 0.00	41.46 3.11 0.00	41.38 2.71 0.00	32.22 1.91 0.00	28.42 1.56 0.00	24.07 1.34 0.00	29.17 1.15 -6.27	29.01 1.09 -6.22	29.42 1.06 -6.78	29.46 1.01 -6.85	33.37 1.08 -11.51	36.81 1.14 -14.21	40.59 2.14 -2.78	52.00 3.27 0.00	64.00 4.41 0.00	60.93 4.42 -0.58	49.79 3.33 -2.70	36.46 2.44 -0.58	32.33 1.75 -5.99
NUCOR_STEEL___DRP 24197	24.83 0.00 1.13	25.98 0.05 -0.14	23.11 0.07 -0.47	22.26 0.07 -0.38	25.33 0.18 0.00	29.81 0.24 0.00	38.74 0.38 0.00	39.13 0.46 0.00	30.68 0.36 0.00	27.05 0.19 0.00	22.79 0.07 -0.56	22.27 -0.04 -0.56	22.22 -0.04 -0.55	22.18 0.00 -0.60	22.16 -0.04 -0.61	21.82 0.00 -1.04	22.77 0.02 -1.29	33.91 0.00 1.76	45.13 0.00 3.60	57.03 0.18 2.74	56.59 0.11 -0.55	42.88 0.09 0.98	33.54 0.07 -0.03	25.13 0.00 -0.54

NUMBER_THREE_WT_PWR 323818	25.98 0.03 0.00	25.73 -0.13 -0.06	22.75 -0.02 -0.19	21.95 -0.02 -0.16	25.24 0.08 0.00	29.72 0.15 0.00	38.43 0.08 0.00	38.98 0.31 0.00	30.16 -0.15 0.00	26.67 -0.19 0.00	22.50 -0.23 0.00	21.72 -0.28 -0.25	21.63 -0.33 -0.25	21.43 -0.41 -0.27	21.48 -0.39 -0.27	20.80 -0.44 -0.45	21.55 -0.47 -0.56	35.28 -0.50 -0.11	48.64 -0.10 0.00	60.42 0.60 -0.24	56.70 0.45 -0.32	44.19 0.31 -0.11	33.72 0.27 -0.02	24.96 0.12 -0.24
NYISO_LBMP_REFERENCE 24008	25.96 0.00 0.00	25.80 0.00 0.00	22.58 0.00 0.00	21.82 0.00 0.00	25.16 0.00 0.00	29.57 0.00 0.00	38.36 0.00 0.00	38.67 0.00 0.00	30.31 0.00 0.00	26.86 0.00 0.00	22.73 0.00 0.00	21.75 0.00 0.00	21.71 0.00 0.00	21.58 0.00 0.00	21.59 0.00 0.00	20.78 0.00 0.00	21.46 0.00 0.00	35.67 0.00 0.00	48.73 0.00 0.00	59.59 0.00 0.00	55.93 0.00 0.00	43.77 0.00 0.00	33.44 0.00 0.00	24.59 0.00 0.00
NYPA_BRENTWD____GT 24164	51.76 2.47 -23.34	46.92 2.27 -18.86	43.72 1.96 -19.18	34.06 1.99 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.35 3.41 -11.58	53.27 3.75 -10.85	33.23 2.91 0.00	29.12 2.26 0.00	25.07 2.34 0.00	30.69 2.61 -6.33	44.30 2.63 -19.96	45.55 2.65 -21.33	49.15 2.57 -24.99	46.84 2.47 -23.59	46.93 2.45 -23.03	50.80 4.14 -10.99	59.12 5.36 -5.03	70.34 6.55 -4.20	70.54 6.15 -8.45	56.86 4.59 -8.50	51.69 3.58 -14.67	50.66 2.58 -23.49
NYPA_GOWANUS____GT5 24156	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
NYPA_GOWANUS____GT6 24157	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.00 1.84 -0.01	31.85 2.28 0.00	41.19 2.84 0.00	42.01 3.33 -0.01	33.16 2.85 0.00	29.20 2.34 -0.01	24.94 2.20 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.95 2.48 -5.87	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.12 5.26 -2.12	68.01 6.20 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.17 3.21 -0.53	32.10 2.36 -5.15
NYPA_HARLEM__RVR__GT1 24160	28.76 2.13 -0.67	29.04 1.94 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.06 1.89 -0.01	31.92 2.34 -0.01	41.23 2.88 0.00	42.04 3.36 0.00	33.16 2.85 0.00	29.20 2.34 -0.01	24.92 2.18 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.92 2.46 -5.87	32.98 2.35 -9.86	35.90 2.27 -12.17	41.61 3.57 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.72 5.26 -0.53	51.06 4.24 -3.04	37.09 3.14 -0.52	32.16 2.41 -5.15
NYPA_HARLEM__RVR__GT2 24161	28.76 2.13 -0.67	29.04 1.94 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.06 1.89 -0.01	31.92 2.34 -0.01	41.23 2.88 0.00	42.04 3.36 0.00	33.16 2.85 0.00	29.20 2.34 -0.01	24.92 2.18 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.92 2.46 -5.87	32.98 2.35 -9.86	35.90 2.27 -12.17	41.61 3.57 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.72 5.26 -0.53	51.06 4.24 -3.04	37.09 3.14 -0.52	32.16 2.41 -5.15
NYPA_KENT____GT 24152	28.73 2.10 -0.67	29.01 1.91 -1.31	28.53 1.65 -4.30	26.98 1.68 -3.49	26.96 1.79 -0.01	31.79 2.22 0.00	41.12 2.76 0.00	41.93 3.25 0.00	33.10 2.79 0.00	29.15 2.28 -0.01	24.92 2.18 -0.01	29.60 2.48 -5.37	29.55 2.52 -5.33	29.93 2.54 -5.81	29.90 2.44 -5.87	32.99 2.35 -9.86	35.90 2.27 -12.17	41.76 3.71 -2.38	55.97 5.12 -2.12	67.82 6.02 -2.22	62.01 5.54 -0.54	51.15 4.33 -3.05	37.10 3.14 -0.52	32.05 2.31 -5.15
NYPA_POUCH1____GT 24155	28.81 2.18 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.03 1.86 -0.01	31.88 2.31 0.00	41.23 2.88 0.00	42.01 3.33 -0.01	33.13 2.82 0.00	29.18 2.31 -0.01	24.92 2.18 -0.01	29.62 2.50 -5.37	29.57 2.54 -5.33	29.95 2.57 -5.81	29.92 2.46 -5.87	33.01 2.37 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.07 5.22 -2.12	67.95 6.14 -2.22	62.18 5.71 -0.54	51.29 4.47 -3.05	37.20 3.24 -0.53	32.12 2.38 -5.15
NYPA_VERNON____GT2 24162	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.94 1.64 -3.49	26.93 1.76 -0.01	31.73 2.16 0.00	41.04 2.68 0.00	41.80 3.13 0.00	33.04 2.73 0.00	29.13 2.26 -0.01	24.87 2.14 -0.01	29.56 2.44 -5.37	29.53 2.50 -5.33	29.91 2.52 -5.81	29.86 2.40 -5.87	32.94 2.31 -9.86	35.84 2.21 -12.17	41.69 3.64 -2.38	55.82 4.97 -2.11	67.65 5.84 -2.22	61.84 5.37 -0.54	51.02 4.20 -3.04	37.00 3.04 -0.52	32.00 2.26 -5.15
NYPA_VERNON____GT3 24163	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.94 1.64 -3.49	26.93 1.76 -0.01	31.73 2.16 0.00	41.04 2.68 0.00	41.80 3.13 0.00	33.04 2.73 0.00	29.13 2.26 -0.01	24.87 2.14 -0.01	29.56 2.44 -5.37	29.53 2.50 -5.33	29.91 2.52 -5.81	29.86 2.40 -5.87	32.94 2.31 -9.86	35.84 2.21 -12.17	41.69 3.64 -2.38	55.82 4.97 -2.11	67.65 5.84 -2.22	61.84 5.37 -0.54	51.02 4.20 -3.04	37.00 3.04 -0.52	32.00 2.26 -5.15
NYPA__ASTORIA_CC1 323568	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.94 1.64 -3.48	26.93 1.76 -0.01	31.73 2.16 0.00	41.00 2.64 0.00	41.80 3.13 0.00	33.01 2.70 0.00	29.10 2.23 -0.01	24.87 2.14 -0.01	29.56 2.44 -5.37	29.51 2.47 -5.33	29.89 2.50 -5.81	29.86 2.40 -5.87	32.92 2.29 -9.86	35.82 2.19 -12.17	41.61 3.57 -2.38	55.77 4.92 -2.11	67.58 5.78 -2.21	61.78 5.32 -0.53	50.97 4.16 -3.04	36.96 3.01 -0.52	32.00 2.26 -5.15
NYPA__ASTORIA_CC2 323569	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.94 1.64 -3.48	26.93 1.76 -0.01	31.73 2.16 0.00	41.00 2.64 0.00	41.80 3.13 0.00	33.01 2.70 0.00	29.10 2.23 -0.01	24.87 2.14 -0.01	29.56 2.44 -5.37	29.51 2.47 -5.33	29.89 2.50 -5.81	29.86 2.40 -5.87	32.92 2.29 -9.86	35.82 2.19 -12.17	41.61 3.57 -2.38	55.77 4.92 -2.11	67.58 5.78 -2.21	61.78 5.32 -0.53	50.97 4.16 -3.04	36.96 3.01 -0.52	32.00 2.26 -5.15
NYPA__HOLTSVILL 23794	51.63 2.34 -23.34	46.77 2.12 -18.86	43.61 1.85 -19.18	33.98 1.90 -10.26	43.38 2.04 -16.19	51.62 2.45 -19.59	53.08 3.15 -11.58	53.00 3.48 -10.85	33.04 2.73 0.00	28.96 2.10 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.58 3.92 -10.99	58.96 5.26 -4.96	70.18 6.44 -4.16	70.25 6.04 -8.28	56.70 4.55 -8.38	51.48 3.38 -14.67	50.52 2.44 -23.49
NYPA__HELLGATE_GT1 24158	28.76 2.13 -0.67	29.04 1.94 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.06 1.89 -0.01	31.92 2.34 -0.01	41.23 2.88 0.00	42.04 3.36 0.00	33.16 2.85 0.00	29.20 2.34 -0.01	24.92 2.18 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.92 2.46 -5.87	32.98 2.35 -9.86	35.90 2.27 -12.17	41.61 3.57 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.72 5.26 -0.53	51.06 4.24 -3.04	37.09 3.14 -0.52	32.16 2.41 -5.15

NYPA_____HELLGATE_GT2 24159	28.76 2.13 -0.67	29.04 1.94 -1.31	28.58 1.69 -4.30	27.02 1.72 -3.48	27.06 1.89 -0.01	31.92 2.34 -0.01	41.23 2.88 0.00	42.04 3.36 0.00	33.16 2.85 0.00	29.20 2.34 -0.01	24.92 2.18 -0.01	29.64 2.52 -5.37	29.60 2.56 -5.33	29.97 2.59 -5.81	29.92 2.46 -5.87	32.98 2.35 -9.86	35.90 2.27 -12.17	41.61 3.57 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.72 5.26 -0.53	51.06 4.24 -3.04	37.09 3.14 -0.52	32.16 2.41 -5.15
NYS_BARGE____HYD 23848	20.96 -2.67 2.32	23.48 -2.40 -0.08	20.69 -2.19 -0.30	19.96 -2.09 -0.24	22.98 -2.16 0.01	26.81 -2.75 0.01	34.47 -3.87 0.02	34.56 -4.10 0.01	28.18 -2.12 0.01	24.94 -1.91 0.01	20.67 -2.05 0.01	19.92 -2.20 -0.36	19.94 -2.13 -0.36	19.90 -2.07 -0.39	19.90 -2.09 -0.40	19.40 -2.06 -0.68	19.98 -2.32 -0.84	25.57 -3.46 6.64	36.58 -4.87 7.28	45.20 -6.26 8.13	49.64 -6.21 0.08	37.31 -4.20 2.26	30.03 -3.41 -0.01	22.75 -2.19 -0.35
OAK ORCHARD____HYD 24046	22.48 -1.74 1.74	24.54 -1.34 -0.09	21.69 -1.20 -0.31	20.91 -1.16 -0.25	24.09 -1.06 0.01	28.18 -1.39 0.01	36.39 -1.95 0.01	36.54 -2.13 0.01	29.58 -0.73 0.01	26.10 -0.75 0.01	21.72 -1.00 0.01	20.95 -1.17 -0.38	20.97 -1.11 -0.37	20.90 -1.08 -0.41	20.90 -1.10 -0.41	20.34 -1.14 -0.70	21.06 -1.27 -0.87	29.02 -2.07 4.58	40.26 -2.92 5.55	49.23 -3.57 6.78	52.63 -3.25 0.05	39.63 -2.45 1.69	31.54 -1.90 -0.01	23.73 -1.23 -0.36
OAKDALE____35_KV_LOAD 356122	30.90 0.29 -4.66	26.64 0.26 -0.59	24.70 0.23 -1.89	23.55 0.20 -1.54	25.48 0.30 -0.02	29.95 0.35 -0.02	38.95 0.58 -0.02	39.43 0.73 -0.02	30.88 0.55 -0.02	27.25 0.38 -0.01	23.06 0.32 -0.02	24.20 0.28 -2.17	24.14 0.28 -2.15	24.22 0.30 -2.34	24.24 0.28 -2.37	25.10 0.29 -4.03	26.71 0.28 -4.97	47.28 0.50 -11.11	64.81 0.78 -15.30	77.23 1.01 -16.63	57.53 0.89 -0.70	50.56 0.66 -6.13	34.21 0.50 -0.28	27.01 0.32 -2.10
OCC_CHEM____DRP 24175	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
OH_GEN_PROXY 24063	20.79 -2.83 2.34	23.58 -2.30 -0.08	20.78 -2.10 -0.30	20.05 -2.01 -0.24	23.11 -2.04 0.02	26.90 -2.66 0.01	34.58 -3.76 0.02	34.63 -4.02 0.01	28.27 -2.03 0.01	25.05 -1.80 0.01	20.78 -1.93 0.01	20.04 -2.07 -0.36	20.05 -2.02 -0.36	20.02 -1.94 -0.39	20.02 -1.96 -0.39	19.50 -1.95 -0.67	20.06 -2.23 -0.84	25.10 -3.67 6.90	36.10 -5.21 7.42	44.60 -6.73 8.25	49.64 -6.21 0.08	36.96 -4.51 2.30	30.10 -3.34 -0.01	22.80 -2.14 -0.35
OLIN_CORP_DRP 24177	20.65 -2.88 2.43	23.06 -2.81 -0.08	20.44 -2.44 -0.30	19.87 -2.18 -0.24	22.73 -2.42 0.02	26.81 -2.75 0.01	34.43 -3.91 0.02	34.63 -4.02 0.02	27.94 -2.36 0.01	24.81 -2.04 0.01	20.60 -2.11 0.01	19.71 -2.39 -0.35	19.71 -2.34 -0.35	19.71 -2.24 -0.38	19.67 -2.31 -0.38	19.19 -2.24 -0.66	19.72 -2.55 -0.82	24.87 -3.82 6.98	35.79 -5.41 7.53	44.27 -7.03 8.29	48.80 -7.05 0.08	36.74 -4.68 2.35	29.76 -3.68 -0.01	22.44 -2.48 -0.33
OLIN_CORP_DSASP 323712	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
ONEIDA_HERK_LFGE 323681	26.37 0.41 0.00	26.14 0.28 -0.06	23.09 0.32 -0.19	22.28 0.31 -0.16	25.61 0.45 0.00	30.16 0.59 0.00	39.05 0.69 0.00	39.64 0.97 0.00	30.74 0.42 0.00	27.21 0.35 0.00	22.93 0.20 0.00	22.10 0.11 -0.24	22.03 0.09 -0.24	21.86 0.02 -0.26	21.90 0.04 -0.26	21.22 0.00 -0.44	22.01 0.00 -0.55	36.03 0.25 -0.11	49.51 0.78 0.00	61.25 1.49 -0.17	57.46 1.29 -0.24	44.84 0.96 -0.10	34.16 0.70 -0.02	25.29 0.47 -0.23
ONEIDA____115KV_TB4 55905	26.55 0.60 0.00	26.40 0.52 -0.09	23.36 0.50 -0.28	22.53 0.48 -0.23	25.81 0.65 0.00	30.37 0.80 0.00	39.47 1.11 0.00	39.95 1.28 0.00	31.10 0.79 0.00	27.48 0.62 0.00	23.16 0.43 0.00	22.40 0.30 -0.34	22.35 0.30 -0.34	22.25 0.30 -0.37	22.27 0.30 -0.38	21.69 0.27 -0.64	22.57 0.32 -0.79	36.54 0.71 -0.16	49.95 1.22 0.00	61.63 1.85 -0.19	57.83 1.62 -0.27	45.19 1.27 -0.15	34.37 0.90 -0.03	25.54 0.61 -0.33
ONONDAGA_REF_OCCRA 23987	25.10 -0.08 0.78	25.87 -0.08 -0.15	23.04 -0.05 -0.51	22.18 -0.04 -0.41	25.19 0.03 0.00	29.63 0.06 0.00	38.51 0.15 0.00	38.98 0.31 0.00	30.59 0.27 0.00	26.99 0.13 0.00	22.80 0.07 0.00	22.34 -0.02 -0.61	22.32 0.00 -0.61	22.28 0.04 -0.66	22.26 0.00 -0.67	21.94 0.02 -1.14	22.91 0.04 -1.41	35.95 0.00 -0.28	46.17 -0.05 2.52	57.68 0.06 1.97	56.41 0.00 -0.47	43.11 -0.04 0.61	33.47 0.00 -0.04	25.14 -0.05 -0.60
ONONDAGA____COGEN 23986	25.02 -0.08 0.86	25.84 -0.08 -0.12	22.95 -0.05 -0.41	22.10 -0.04 -0.33	25.18 0.03 0.00	29.63 0.06 0.00	38.51 0.15 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.77 0.05 0.00	22.21 -0.04 -0.50	22.18 -0.02 -0.50	22.14 0.02 -0.54	22.14 0.00 -0.55	21.71 0.00 -0.93	22.63 0.02 -1.15	34.53 -0.07 1.07	45.82 -0.15 2.77	57.63 -0.06 1.90	56.41 -0.17 -0.64	42.91 -0.13 0.73	33.40 -0.07 -0.03	24.98 -0.10 -0.48
ONTARIO____LFGE 23819	22.93 -0.62 2.40	25.42 -0.46 -0.09	22.47 -0.45 -0.34	21.65 -0.44 -0.27	24.82 -0.33 0.01	29.21 -0.35 0.01	38.00 -0.35 0.01	38.23 -0.42 0.01	30.12 -0.18 0.01	26.48 -0.38 0.01	22.22 -0.50 0.01	21.52 -0.65 -0.41	21.47 -0.65 -0.41	21.42 -0.60 -0.45	21.40 -0.65 -0.46	20.99 -0.56 -0.78	21.86 -0.56 -0.96	28.72 -0.82 6.14	40.11 -0.88 7.75	59.86 -0.83 -1.11	55.15 -0.90 -0.12	40.66 -0.70 2.41	32.81 -0.64 -0.01	24.52 -0.47 -0.40
ORANGEVILLE_WT_PWR 323706	20.43 -2.26 3.26	23.88 -1.99 -0.07	21.06 -1.81 -0.29	20.32 -1.72 -0.23	23.25 -1.89 0.02	27.37 -2.19 0.02	35.34 -2.99 0.02	35.37 -3.29 0.02	28.15 -2.15 0.02	24.81 -2.04 0.01	20.73 -1.98 0.02	20.01 -2.09 -0.35	20.01 -2.04 -0.34	19.94 -2.01 -0.38	19.92 -2.05 -0.38	19.68 -1.77 -0.66	20.35 -1.93 -0.82	22.84 -2.92 9.90	34.51 -3.85 10.37	43.98 -4.71 10.89	51.33 -4.48 0.13	37.11 -3.37 3.29	30.79 -2.64 0.00	23.18 -1.75 -0.34
ORANGEVILLE____ESR 323794	20.43 -2.26 3.26	23.88 -1.99 -0.07	21.06 -1.81 -0.29	20.32 -1.72 -0.23	23.25 -1.89 0.02	27.37 -2.19 0.02	35.34 -2.99 0.02	35.37 -3.29 0.02	28.15 -2.15 0.02	24.81 -2.04 0.01	20.73 -1.98 0.02	20.01 -2.09 -0.35	20.01 -2.04 -0.34	19.94 -2.01 -0.38	19.92 -2.05 -0.38	19.68 -1.77 -0.66	20.35 -1.93 -0.82	22.84 -2.92 9.90	34.51 -3.85 10.37	43.98 -4.71 10.89	51.33 -4.48 0.13	37.11 -3.37 3.29	30.79 -2.64 0.00	23.18 -1.75 -0.34

OSWEGATCHIE___HYD 24044	25.15 -0.80 0.00	24.96 -0.88 -0.04	21.99 -0.72 -0.14	21.19 -0.74 -0.11	24.35 -0.81 0.00	28.66 -0.92 0.00	37.17 -1.19 0.00	37.47 -1.20 0.00	29.10 -1.21 0.00	25.97 -0.89 0.00	21.95 -0.77 0.00	21.26 -0.67 -0.18	21.11 -0.78 -0.18	20.82 -0.95 -0.20	20.84 -0.95 -0.20	20.12 -1.00 -0.33	20.78 -1.09 -0.41	34.11 -1.64 -0.08	47.03 -1.71 0.00	58.17 -1.61 -0.19	54.68 -1.51 -0.26	42.67 -1.18 -0.08	32.62 -0.83 -0.02	24.13 -0.64 -0.18
OSWEGO___5 23606	24.86 -0.57 0.53	25.38 -0.52 -0.10	22.46 -0.45 -0.33	21.65 -0.44 -0.27	24.71 -0.45 0.00	29.01 -0.56 0.00	37.67 -0.69 0.00	37.98 -0.69 0.00	29.89 -0.42 0.00	26.43 -0.43 0.00	22.29 -0.43 0.00	21.69 -0.46 -0.40	21.65 -0.46 -0.40	21.58 -0.43 -0.43	21.60 -0.43 -0.44	21.10 -0.42 -0.74	21.94 -0.43 -0.91	35.06 -0.78 -0.18	45.84 -1.22 1.68	58.25 -1.43 -0.09	56.88 -1.40 -2.34	42.30 -1.05 0.42	32.66 -0.80 -0.02	24.42 -0.56 -0.39
OSWEGO___6 23613	24.86 -0.57 0.53	25.38 -0.52 -0.10	22.46 -0.45 -0.33	21.65 -0.44 -0.27	24.71 -0.45 0.00	29.01 -0.56 0.00	37.67 -0.69 0.00	37.98 -0.69 0.00	29.89 -0.42 0.00	26.43 -0.43 0.00	22.29 -0.43 0.00	21.69 -0.46 -0.40	21.65 -0.46 -0.40	21.58 -0.43 -0.43	21.60 -0.43 -0.44	21.10 -0.42 -0.74	21.94 -0.43 -0.91	35.06 -0.78 -0.18	45.84 -1.22 1.68	58.25 -1.43 -0.09	56.88 -1.40 -2.34	42.30 -1.05 0.42	32.66 -0.80 -0.02	24.42 -0.56 -0.39
OUTOKUMPU-AB___DRP 24206	20.89 -2.60 2.47	23.45 -2.42 -0.08	20.80 -2.08 -0.30	20.15 -1.90 -0.24	23.03 -2.11 0.02	27.19 -2.37 0.02	35.00 -3.34 0.02	35.25 -3.40 0.02	28.32 -1.97 0.02	25.12 -1.72 0.02	20.89 -1.82 0.02	20.08 -2.02 -0.35	20.10 -1.95 -0.35	20.12 -1.83 -0.38	20.05 -1.92 -0.38	19.59 -1.85 -0.66	20.08 -2.19 -0.81	25.31 -3.21 7.15	36.38 -4.68 7.67	45.14 -6.02 8.43	49.97 -5.87 0.09	37.31 -4.07 2.39	30.33 -3.11 -0.01	22.88 -2.04 -0.33
OXBOW___BTM 323836	20.75 -2.78 2.43	23.35 -2.53 -0.08	20.62 -2.26 -0.30	19.85 -2.20 -0.24	22.88 -2.26 0.02	26.62 -2.93 0.03	34.24 -4.10 0.02	34.33 -4.33 0.02	28.05 -2.24 0.03	24.85 -1.99 0.02	20.59 -2.11 0.03	19.91 -2.20 -0.36	19.96 -2.11 -0.36	19.98 -1.98 -0.39	20.00 -1.99 -0.39	19.44 -2.02 -0.68	19.89 -2.40 -0.84	25.15 -3.49 7.03	35.90 -5.21 7.62	44.41 -6.79 8.38	49.30 -6.54 0.09	36.93 -4.47 2.37	29.87 -3.58 -0.01	22.70 -2.24 -0.35
OXBOW___ 24026	20.75 -2.78 2.43	23.24 -2.63 -0.08	20.62 -2.26 -0.30	20.05 -2.01 -0.24	22.88 -2.26 0.02	26.97 -2.57 0.03	34.66 -3.68 0.02	34.87 -3.79 0.02	28.14 -2.15 0.03	24.98 -1.85 0.02	20.75 -1.95 0.03	19.93 -2.18 -0.35	19.95 -2.11 -0.35	20.03 -1.92 -0.38	19.97 -2.01 -0.38	19.44 -1.99 -0.66	19.87 -2.40 -0.81	25.14 -3.50 7.03	35.94 -5.21 7.57	44.46 -6.79 8.34	49.25 -6.60 0.08	36.95 -4.46 2.36	29.96 -3.48 -0.01	22.71 -2.21 -0.33
OXY_CHEM_DSASP 323612	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
OZONE_PARK_ESR 323760	28.75 2.13 -0.67	29.03 1.93 -1.30	28.52 1.65 -4.29	26.86 1.57 -3.48	26.97 1.81 0.00	31.67 2.10 0.00	40.96 2.61 0.00	41.73 3.06 0.00	33.13 2.82 0.00	29.12 2.26 0.00	24.89 2.16 0.00	29.47 2.48 -5.24	29.43 2.52 -5.20	29.75 2.50 -5.67	29.79 2.46 -5.73	33.00 2.37 -9.85	35.92 2.30 -12.16	41.90 3.85 -2.38	56.19 5.31 -2.14	68.21 6.38 -2.24	62.40 5.93 -0.54	51.33 4.51 -3.05	37.16 3.21 -0.52	32.00 2.29 -5.12
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.58 -2.99 2.40	23.04 -2.84 -0.08	20.44 -2.44 -0.30	19.89 -2.16 -0.24	22.70 -2.44 0.02	26.76 -2.78 0.03	34.27 -4.07 0.02	34.44 -4.22 0.02	27.89 -2.39 0.03	24.82 -2.01 0.03	20.56 -2.14 0.03	19.73 -2.37 -0.35	19.77 -2.28 -0.35	19.90 -2.05 -0.38	19.86 -2.12 -0.38	19.28 -2.16 -0.66	19.63 -2.64 -0.81	24.87 -3.89 6.91	35.36 -5.90 7.47	43.66 -7.69 8.24	48.41 -7.44 0.08	36.54 -4.90 2.33	29.60 -3.85 -0.01	22.46 -2.46 -0.33
PACKARD___115KV_DUPONT_184 80571	20.58 -2.98 2.40	23.11 -2.76 -0.08	20.44 -2.44 -0.30	19.65 -2.40 -0.24	22.70 -2.44 0.02	26.35 -3.19 0.03	33.81 -4.53 0.02	33.82 -4.84 0.02	27.80 -2.49 0.03	24.66 -2.17 0.03	20.40 -2.29 0.03	19.72 -2.39 -0.36	19.79 -2.28 -0.36	19.85 -2.11 -0.39	19.87 -2.12 -0.39	19.27 -2.18 -0.68	19.66 -2.64 -0.84	24.87 -3.89 6.91	35.32 -5.90 7.51	43.56 -7.75 8.28	48.47 -7.38 0.08	36.53 -4.90 2.34	29.46 -3.98 -0.01	22.48 -2.46 -0.35
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.73 2.10 -0.67	29.01 1.91 -1.31	28.55 1.67 -4.30	26.89 1.59 -3.48	27.01 1.84 -0.01	31.70 2.13 0.00	40.81 2.45 0.00	41.57 2.90 0.00	32.95 2.64 0.00	28.99 2.12 -0.01	24.76 2.02 -0.01	29.39 2.39 -5.25	29.37 2.45 -5.21	29.69 2.44 -5.68	29.71 2.38 -5.74	32.93 2.29 -9.86	35.84 2.21 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.49 5.66 -2.24	61.67 5.20 -0.54	51.02 4.20 -3.05	37.06 3.11 -0.52	32.05 2.34 -5.12
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.12 2.49 -0.67	29.42 2.32 -1.31	28.91 2.03 -4.30	27.27 1.96 -3.48	27.43 2.26 -0.01	32.23 2.66 0.00	41.46 3.11 0.00	42.23 3.56 0.00	33.38 3.06 0.00	29.37 2.50 -0.01	25.08 2.34 -0.01	29.68 2.71 -5.25	29.63 2.71 -5.21	29.95 2.70 -5.68	29.97 2.63 -5.74	33.17 2.70 -9.86	36.12 2.49 -12.17	42.01 3.96 -2.38	56.38 5.51 -2.14	68.33 6.50 -2.24	62.40 5.93 -0.54	51.64 4.81 -3.05	37.49 3.54 -0.52	32.32 2.61 -5.12
PATROON___115KV_TB1 80586	27.05 1.09 0.00	28.34 1.06 -1.49	28.43 0.93 -4.93	26.72 0.92 -3.99	26.19 1.03 0.00	30.64 1.06 0.00	39.66 1.30 0.00	39.91 1.24 0.00	31.25 0.94 0.00	27.67 0.81 0.00	23.50 0.77 0.00	28.60 0.70 -6.16	28.47 0.65 -6.11	28.91 0.67 -6.66	29.00 0.67 -6.73	32.75 0.66 -11.31	36.09 0.67 -13.96	39.61 1.21 -2.73	51.88 1.61 -1.54	63.23 2.03 -1.62	58.49 1.96 -0.60	48.44 1.49 -3.18	35.32 1.30 -0.58	31.56 1.08 -5.88
PATTRSNVILLE___SOLAR 323815	27.64 1.19 -0.49	28.51 1.16 -1.56	28.72 0.99 -5.15	27.01 1.03 -4.17	26.32 1.16 0.00	31.02 1.45 0.00	40.31 1.96 0.00	40.37 1.70 0.00	31.38 1.06 0.00	27.66 0.81 0.00	23.36 0.64 0.00	28.64 0.52 -6.37	28.51 0.48 -6.32	28.95 0.47 -6.90	29.02 0.45 -6.97	32.97 0.48 -11.71	36.47 0.56 -14.46	39.71 1.21 -2.83	52.29 2.00 -1.55	64.08 2.86 -1.63	59.41 2.85 -0.62	49.26 2.19 -3.30	35.65 1.60 -0.61	31.92 1.16 -6.17
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.55 -1.64 2.77	24.40 -1.47 -0.08	21.36 -1.51 -0.29	20.52 -1.53 -0.23	23.38 -1.76 0.02	27.49 -2.07 0.02	35.81 -2.53 0.02	36.49 -2.17 0.02	28.27 -2.03 0.02	24.97 -1.88 0.01	21.19 -1.52 0.02	20.75 -1.35 -0.34	20.75 -1.30 -0.34	20.59 -1.36 -0.37	20.61 -1.36 -0.38	20.42 -1.02 -0.66	21.09 -1.18 -0.81	25.64 -1.82 8.21	37.65 -2.53 8.55	47.11 -3.28 9.20	52.76 -3.08 0.10	38.81 -2.28 2.68	31.70 -1.74 0.00	23.76 -1.16 -0.32

PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.56 1.95 -0.66	28.88 1.78 -1.31	28.46 1.56 -4.32	26.80 1.48 -3.50	26.87 1.71 0.00	31.55 1.98 0.00	40.85 2.49 0.00	41.38 2.71 0.00	32.92 2.61 0.00	28.82 1.96 0.00	24.59 1.86 0.00	29.09 2.02 -5.31	29.09 2.11 -5.27	29.44 2.11 -5.75	29.50 2.09 -5.81	32.76 1.99 -9.98	35.74 1.95 -12.33	41.58 3.50 -2.41	55.64 4.82 -2.08	67.79 6.02 -2.18	62.01 5.54 -0.54	50.90 4.07 -3.06	36.93 2.98 -0.52	31.88 2.09 -5.19
PEEKSKILL____ 23653	28.45 1.82 -0.67	28.71 1.63 -1.29	28.27 1.42 -4.27	26.73 1.46 -3.46	26.72 1.56 0.00	31.47 1.89 0.00	40.81 2.46 0.00	41.42 2.75 0.00	32.77 2.45 0.00	28.79 1.94 0.00	24.59 1.86 0.00	29.12 2.04 -5.33	29.08 2.08 -5.29	29.46 2.12 -5.77	29.45 2.03 -5.83	32.52 1.95 -9.79	35.44 1.89 -12.09	41.28 3.25 -2.36	55.36 4.48 -2.14	67.25 5.42 -2.25	61.50 5.04 -0.53	50.57 3.76 -3.04	36.66 2.71 -0.51	31.65 1.94 -5.11
PGE MADISON__WINDPWR 24146	28.22 1.43 -0.83	27.48 1.16 -0.52	25.38 1.08 -1.72	24.25 1.05 -1.39	26.52 1.36 0.00	31.29 1.72 0.00	41.16 2.80 -0.01	41.69 3.02 0.00	32.17 1.85 0.00	28.37 1.50 0.00	23.69 0.95 0.00	24.25 0.74 -1.76	24.19 0.74 -1.75	24.15 0.67 -1.91	24.23 0.71 -1.93	24.72 0.64 -3.29	26.32 0.79 -4.06	40.83 2.00 -3.17	55.31 3.17 -3.41	68.50 4.65 -4.27	60.27 3.86 -0.48	48.51 2.80 -1.94	35.42 1.81 -0.18	27.44 1.16 -1.69
PIERCEFIELD____HYD 23852	24.74 -1.22 0.00	24.68 -1.13 -0.02	21.64 -1.02 -0.07	20.87 -1.00 -0.06	23.90 -1.26 0.00	28.04 -1.54 0.00	36.67 -1.69 0.00	36.66 -2.01 0.00	28.62 -1.70 0.00	25.79 -1.07 0.00	21.82 -0.91 0.00	21.16 -0.70 -0.11	20.97 -0.85 -0.11	20.57 -1.12 -0.12	20.61 -1.10 -0.12	19.79 -1.18 -0.20	20.48 -1.22 -0.24	33.72 -2.00 -0.05	46.44 -2.29 0.00	57.07 -2.62 -0.11	53.73 -2.35 -0.14	42.02 -1.79 -0.05	31.97 -1.47 -0.01	23.66 -1.03 -0.10
PINELAWN_CC_1 323563	51.68 2.39 -23.34	46.82 2.17 -18.86	43.65 1.90 -19.18	34.00 1.92 -10.26	43.43 2.09 -16.19	51.71 2.54 -19.59	53.24 3.30 -11.58	53.15 3.63 -10.85	33.16 2.85 0.00	29.03 2.17 0.00	25.00 2.27 0.00	30.60 2.52 -6.33	44.23 2.56 -19.96	45.49 2.59 -21.33	49.09 2.50 -24.99	46.78 2.41 -23.59	46.85 2.36 -23.03	50.69 4.03 -10.99	59.42 5.41 -5.28	70.52 6.55 -4.37	71.23 6.15 -9.15	57.34 4.59 -8.98	51.56 3.44 -14.68	50.59 2.51 -23.49
PJM_GEN_HTP_PROXY 323702	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.29	26.84 1.55 -3.48	26.82 1.66 0.00	31.61 2.04 0.00	40.97 2.61 0.00	41.69 3.02 0.00	32.98 2.67 0.00	29.01 2.15 0.00	24.77 2.05 0.00	29.44 2.33 -5.36	29.41 2.39 -5.32	29.79 2.42 -5.80	29.74 2.29 -5.86	32.83 2.20 -9.85	35.74 2.12 -12.16	41.61 3.57 -2.38	55.77 4.92 -2.11	67.70 5.90 -2.21	61.89 5.42 -0.53	50.93 4.11 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.14
PJM_GEN_KEystone 24065	24.83 0.03 1.16	26.57 0.05 -0.73	25.01 0.00 -2.43	23.82 0.04 -1.96	25.18 0.03 0.01	29.65 0.09 0.01	38.46 0.12 0.01	38.94 0.27 0.01	30.70 0.39 0.01	27.07 0.21 0.01	22.97 0.25 0.01	25.12 0.35 -3.02	25.08 0.37 -3.00	25.24 0.39 -3.27	25.25 0.34 -3.31	26.72 0.37 -5.56	28.59 0.26 -6.87	33.11 0.54 3.10	45.88 0.78 3.63	56.67 0.90 3.81	57.00 0.84 -0.23	44.45 0.57 -0.12	34.08 0.37 -0.27	27.82 0.32 -2.90
PJM_GEN_NEPTUNE_PROXY 323594	38.58 2.13 -10.50	36.64 1.94 -8.91	35.02 1.69 -10.75	29.96 1.72 -6.42	34.04 1.86 -7.02	40.31 2.25 -8.49	46.26 2.88 -5.02	46.62 3.25 -4.70	32.95 2.64 0.00	28.88 2.02 0.00	24.84 2.11 0.00	29.90 2.37 -5.78	35.79 2.41 -11.67	36.55 2.44 -12.53	38.08 2.33 -14.16	38.83 2.24 -15.81	40.52 2.19 -16.88	45.49 3.71 -6.11	58.40 4.87 -4.79	69.53 5.90 -4.04	69.29 5.54 -7.82	56.00 4.16 -8.06	43.24 3.11 -6.69	39.95 2.26 -13.10
PJM_GEN_VFT_PROXY 323633	28.52 1.89 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.29	26.80 1.50 -3.48	26.75 1.59 0.00	31.52 1.95 0.00	40.89 2.53 0.00	41.61 2.94 0.00	32.92 2.61 0.00	28.96 2.10 0.00	24.75 2.02 0.00	29.44 2.33 -5.36	29.39 2.37 -5.32	29.77 2.39 -5.80	29.72 2.27 -5.86	32.81 2.18 -9.85	35.70 2.08 -12.16	41.55 3.50 -2.38	55.67 4.83 -2.11	67.58 5.78 -2.21	61.84 5.37 -0.53	50.84 4.02 -3.04	36.83 2.88 -0.52	31.83 2.09 -5.14
PLATSBURG_115KV_PMLD1 355749	25.57 -0.39 0.00	25.54 -0.26 0.00	22.29 -0.29 0.00	21.49 -0.33 0.00	24.63 -0.53 0.00	28.95 -0.62 0.00	37.70 -0.65 0.00	37.78 -0.89 0.00	29.59 -0.73 0.00	26.40 -0.46 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.14 -0.43 0.00	21.21 -0.39 0.00	20.38 -0.39 0.00	21.09 -0.36 0.00	35.10 -0.57 0.00	48.29 -0.44 0.00	59.11 -0.48 0.00	55.54 -0.39 0.00	43.38 -0.39 0.00	32.93 -0.50 0.00	24.18 -0.42 0.00
PLEASANTVLY____LBMP 24000	28.27 1.69 -0.63	28.65 1.52 -1.33	28.29 1.31 -4.40	26.62 1.24 -3.56	26.59 1.43 0.00	31.23 1.66 0.00	40.43 2.07 0.00	40.99 2.32 0.00	32.62 2.30 0.00	28.58 1.72 0.00	24.41 1.68 0.00	28.99 1.87 -5.37	28.95 1.91 -5.33	29.29 1.90 -5.81	29.35 1.88 -5.87	32.68 1.81 -10.10	35.69 1.76 -12.47	41.10 3.00 -2.44	54.89 4.14 -2.02	66.71 5.01 -2.11	61.12 4.64 -0.54	50.34 3.50 -3.06	36.50 2.54 -0.53	31.67 1.82 -5.25
PLSNTVLE_13_KV_13.8KVDIST 80602	28.48 1.87 -0.66	28.78 1.68 -1.31	28.36 1.47 -4.31	26.70 1.40 -3.49	26.77 1.61 0.00	31.41 1.83 0.00	40.66 2.30 0.00	41.30 2.63 0.00	32.80 2.49 0.00	28.77 1.91 0.00	24.59 1.86 0.00	29.10 2.09 -5.26	29.06 2.13 -5.22	29.39 2.11 -5.70	29.45 2.09 -5.76	32.67 1.99 -9.90	35.63 1.95 -12.22	41.38 3.32 -2.39	55.43 4.58 -2.12	67.35 5.54 -2.22	61.56 5.09 -0.54	50.68 3.85 -3.05	36.73 2.78 -0.52	31.73 1.99 -5.15
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.48 1.87 -0.66	28.78 1.68 -1.31	28.36 1.47 -4.31	26.70 1.40 -3.49	26.77 1.61 0.00	31.41 1.83 0.00	40.66 2.30 0.00	41.30 2.63 0.00	32.80 2.49 0.00	28.77 1.91 0.00	24.59 1.86 0.00	29.10 2.09 -5.26	29.06 2.13 -5.22	29.39 2.11 -5.70	29.45 2.09 -5.76	32.67 1.99 -9.90	35.63 1.95 -12.22	41.38 3.32 -2.39	55.43 4.58 -2.12	67.35 5.54 -2.22	61.56 5.09 -0.54	50.68 3.85 -3.05	36.73 2.78 -0.52	31.73 1.99 -5.15
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.36 1.77 -0.64	28.74 1.63 -1.32	28.37 1.42 -4.37	26.69 1.33 -3.54	26.70 1.53 0.00	31.38 1.80 0.00	40.62 2.26 0.00	41.15 2.48 0.00	32.68 2.36 0.00	28.61 1.75 0.00	24.39 1.66 0.00	28.95 1.81 -5.39	28.91 1.85 -5.35	29.25 1.83 -5.84	29.33 1.84 -5.90	32.66 1.77 -10.12	35.69 1.74 -12.49	41.22 3.10 -2.44	55.09 4.34 -2.02	67.07 5.36 -2.12	61.40 4.92 -0.55	50.56 3.72 -3.07	36.64 2.67 -0.53	31.77 1.92 -5.26
POLETTI____ 23519	28.54 1.92 -0.67	28.80 1.70 -1.30	28.34 1.47 -4.30	26.69 1.40 -3.48	26.77 1.61 0.00	31.41 1.83 0.00	40.62 2.26 0.00	41.34 2.67 0.00	32.83 2.52 0.00	28.85 1.99 0.00	24.66 1.93 0.00	29.30 2.31 -5.24	29.28 2.37 -5.20	29.60 2.35 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12

POMONA___ESR 323819	28.49 1.84 -0.69	28.74 1.65 -1.29	28.28 1.45 -4.26	26.73 1.46 -3.45	26.72 1.56 0.00	31.50 1.92 0.00	40.85 2.49 0.00	41.46 2.79 0.00	32.77 2.45 0.00	28.77 1.91 0.00	24.57 1.84 0.00	29.03 2.02 -5.26	28.99 2.06 -5.22	29.36 2.09 -5.69	29.38 2.03 -5.75	32.48 1.95 -9.75	35.38 1.89 -12.04	42.26 3.25 -3.34	55.42 4.48 -2.20	67.38 5.48 -2.31	61.50 5.04 -0.53	50.57 3.76 -3.03	36.65 2.71 -0.51	31.61 1.97 -5.05
PORT_JEFF_3 23555	51.71 2.41 -23.34	46.84 2.19 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.46 2.11 -16.19	51.71 2.54 -19.59	53.24 3.30 -11.58	53.15 3.63 -10.85	33.13 2.82 0.00	29.01 2.15 0.00	25.00 2.27 0.00	30.62 2.54 -6.33	44.23 2.56 -19.96	45.47 2.57 -21.33	49.06 2.48 -24.99	46.76 2.39 -23.59	46.85 2.36 -23.03	50.69 4.03 -10.99	59.16 5.46 -4.97	70.42 6.67 -4.16	70.48 6.26 -8.29	56.89 4.73 -8.39	51.62 3.51 -14.67	50.59 2.51 -23.49
PORT_JEFF_4 23616	51.71 2.41 -23.34	46.84 2.19 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.46 2.11 -16.19	51.71 2.54 -19.59	53.24 3.30 -11.58	53.15 3.63 -10.85	33.13 2.82 0.00	29.01 2.15 0.00	25.00 2.27 0.00	30.62 2.54 -6.33	44.23 2.56 -19.96	45.47 2.57 -21.33	49.06 2.48 -24.99	46.76 2.39 -23.59	46.85 2.36 -23.03	50.69 4.03 -10.99	59.16 5.46 -4.97	70.42 6.67 -4.16	70.48 6.26 -8.29	56.89 4.73 -8.39	51.62 3.51 -14.67	50.59 2.51 -23.49
PORT_JEFF_IC 23713	51.79 2.49 -23.34	46.90 2.24 -18.86	43.72 1.96 -19.18	33.98 1.90 -10.26	43.51 2.16 -16.19	51.65 2.48 -19.59	53.08 3.15 -11.58	53.00 3.48 -10.85	33.13 2.82 0.00	28.98 2.12 0.00	25.00 2.27 0.00	30.50 2.55 -6.21	44.14 2.58 -19.84	45.32 2.55 -21.20	48.98 2.53 -24.86	46.81 2.43 -23.60	46.92 2.42 -23.03	50.76 4.10 -10.99	59.39 5.65 -5.00	70.69 6.91 -4.19	70.73 6.49 -8.31	57.04 4.86 -8.41	51.72 3.61 -14.67	50.62 2.56 -23.47
PPL PILGRIM_ST_GT1 24216	51.76 2.47 -23.34	46.92 2.27 -18.86	43.72 1.96 -19.18	34.06 1.99 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.35 3.41 -11.58	53.27 3.75 -10.85	33.23 2.91 0.00	29.12 2.26 0.00	25.07 2.34 0.00	30.69 2.61 -6.33	44.30 2.63 -19.96	45.55 2.65 -21.33	49.15 2.57 -24.99	46.84 2.47 -23.59	46.93 2.45 -23.03	50.80 4.14 -10.99	59.12 5.36 -5.03	70.34 6.55 -4.20	70.54 6.15 -8.45	56.86 4.59 -8.50	51.69 3.58 -14.67	50.66 2.58 -23.49
PPL PILGRIM_ST_GT2 24217	51.76 2.47 -23.34	46.92 2.27 -18.86	43.72 1.96 -19.18	34.06 1.99 -10.26	43.51 2.16 -16.19	51.79 2.63 -19.59	53.35 3.41 -11.58	53.27 3.75 -10.85	33.23 2.91 0.00	29.12 2.26 0.00	25.07 2.34 0.00	30.69 2.61 -6.33	44.30 2.63 -19.96	45.55 2.65 -21.33	49.15 2.57 -24.99	46.84 2.47 -23.59	46.93 2.45 -23.03	50.80 4.14 -10.99	59.12 5.36 -5.03	70.34 6.55 -4.20	70.54 6.15 -8.45	56.86 4.59 -8.50	51.69 3.58 -14.67	50.66 2.58 -23.49
PPL_SHRM_GT3 24213	51.74 2.44 -23.34	46.84 2.19 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.21 5.51 -4.97	70.54 6.79 -4.16	70.61 6.37 -8.30	56.98 4.81 -8.40	51.62 3.51 -14.67	50.59 2.51 -23.49
PPL_SHRM_GT4 24214	51.74 2.44 -23.34	46.84 2.19 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.21 5.51 -4.97	70.54 6.79 -4.16	70.61 6.37 -8.30	56.98 4.81 -8.40	51.62 3.51 -14.67	50.59 2.51 -23.49
PROJECT___ORANGE 1 24174	25.08 -0.21 0.67	25.74 -0.18 -0.13	22.84 -0.16 -0.42	22.02 -0.13 -0.34	25.09 -0.08 0.00	29.51 -0.06 0.00	38.32 -0.04 0.00	38.83 0.15 0.00	30.50 0.18 0.00	26.94 0.08 0.00	22.75 0.02 0.00	22.20 -0.07 -0.51	22.15 -0.07 -0.51	22.13 0.00 -0.55	22.11 -0.04 -0.56	21.69 -0.04 -0.95	22.61 -0.02 -1.17	35.76 -0.14 -0.23	46.26 -0.29 2.18	57.61 -0.24 1.74	56.03 -0.34 -0.43	42.97 -0.26 0.54	33.30 -0.17 -0.03	24.94 -0.15 -0.50
PROJECT___ORANGE 2 24166	25.08 -0.21 0.67	25.74 -0.18 -0.13	22.84 -0.16 -0.42	22.02 -0.13 -0.34	25.09 -0.08 0.00	29.51 -0.06 0.00	38.32 -0.04 0.00	38.83 0.15 0.00	30.50 0.18 0.00	26.94 0.08 0.00	22.75 0.02 0.00	22.20 -0.07 -0.51	22.15 -0.07 -0.51	22.13 0.00 -0.55	22.11 -0.04 -0.56	21.69 -0.04 -0.95	22.61 -0.02 -1.17	35.76 -0.14 -0.23	46.26 -0.29 2.18	57.61 -0.24 1.74	56.03 -0.34 -0.43	42.97 -0.26 0.54	33.30 -0.17 -0.03	24.94 -0.15 -0.50
PUCKETT___SOLAR 323809	30.20 0.65 -3.60	26.98 0.59 -0.59	25.03 0.52 -1.93	23.90 0.52 -1.56	25.83 0.65 -0.02	30.41 0.83 -0.01	39.68 1.30 -0.02	40.19 1.51 -0.02	31.30 0.97 -0.01	27.57 0.70 -0.01	23.24 0.50 -0.01	24.30 0.39 -2.15	24.24 0.39 -2.14	24.29 0.39 -2.33	24.32 0.37 -2.36	25.10 0.37 -3.94	26.73 0.41 -4.87	45.06 0.93 -8.46	61.96 1.36 -11.86	74.53 1.96 -12.98	58.25 1.68 -0.64	50.00 1.27 -4.96	34.57 0.87 -0.27	27.31 0.59 -2.13
PYRITES___HYD 24023	25.18 -0.78 0.00	25.09 -0.72 -0.02	21.99 -0.65 -0.07	21.24 -0.63 -0.05	24.36 -0.81 0.00	28.60 -0.98 0.00	37.44 -0.92 0.00	37.36 -1.31 0.00	28.98 -1.33 0.00	25.97 -0.89 0.00	21.91 -0.82 0.00	21.24 -0.61 -0.10	21.09 -0.72 -0.10	20.71 -0.97 -0.11	20.77 -0.93 -0.11	19.99 -0.98 -0.18	20.72 -0.97 -0.23	34.22 -1.50 -0.04	47.32 -1.41 0.00	58.31 -1.37 -0.10	54.83 -1.23 -0.13	42.89 -0.92 -0.04	32.61 -0.84 -0.01	24.10 -0.59 -0.10
QUAKERRD_115KV_BK1 80622	22.34 -2.00 1.61	24.16 -1.73 -0.09	21.43 -1.47 -0.32	20.78 -1.29 -0.26	23.77 -1.38 0.01	28.09 -1.48 0.01	36.28 -2.07 0.01	36.54 -2.13 0.01	29.13 -1.18 0.01	25.75 -1.10 0.00	21.52 -1.20 0.01	20.72 -1.41 -0.38	20.69 -1.39 -0.37	20.67 -1.32 -0.41	20.62 -1.38 -0.41	20.11 -1.37 -0.71	20.83 -1.50 -0.87	29.10 -2.50 4.07	40.09 -3.51 5.13	48.36 -4.29 6.94	51.92 -3.97 0.05	39.20 -3.02 1.55	31.21 -2.24 -0.01	23.38 -1.57 -0.36
QUENSBRY_115KV_TB8 356137	27.77 1.82 0.00	29.15 1.83 -1.52	29.19 1.58 -5.03	27.48 1.59 -4.07	27.00 1.84 0.00	31.91 2.34 0.00	41.54 3.18 0.00	41.46 2.78 0.00	32.25 1.94 0.00	28.44 1.58 0.00	24.14 1.41 0.00	29.22 1.20 -6.27	29.06 1.13 -6.22	29.46 1.10 -6.79	29.51 1.06 -6.86	33.41 1.12 -11.51	36.85 1.18 -14.21	40.70 2.25 -2.78	52.14 3.41 0.00	64.30 4.71 0.00	61.21 4.70 -0.58	49.97 3.50 -2.70	36.59 2.57 -0.58	32.40 1.82 -5.99
RAMAPO___LBMP 323565	28.42 1.77 -0.70	28.65 1.57 -1.29	28.20 1.38 -4.24	26.56 1.31 -3.43	26.67 1.51 0.00	31.29 1.72 0.00	40.54 2.19 0.00	41.11 2.44 0.00	32.62 2.30 0.00	28.63 1.77 0.00	24.46 1.73 0.00	28.86 1.94 -5.17	28.84 2.00 -5.13	29.14 1.96 -5.60	29.19 1.94 -5.66	32.36 1.87 -9.71	35.27 1.82 -11.99	42.12 3.10 -3.34	55.28 4.29 -2.26	67.20 5.24 -2.36	61.33 4.87 -0.53	50.40 3.59 -3.04	36.55 2.61 -0.51	31.52 1.87 -5.05

RANKINE____ 23646	20.94 -2.31 2.70	23.86 -2.01 -0.08	21.07 -1.81 -0.29	20.37 -1.68 -0.23	23.26 -1.89 0.02	27.40 -2.16 0.02	35.46 -2.88 0.02	35.83 -2.82 0.02	28.45 -1.85 0.02	25.18 -1.67 0.01	21.10 -1.61 0.02	20.36 -1.74 -0.34	20.36 -1.69 -0.34	20.29 -1.66 -0.37	20.24 -1.73 -0.38	19.91 -1.52 -0.65	20.53 -1.74 -0.81	24.99 -2.75 7.94	36.59 -3.80 8.34	45.69 -4.89 9.01	51.25 -4.59 0.10	37.74 -3.41 2.62	30.93 -2.51 0.00	23.24 -1.67 -0.32
RAVENSWOOD_GT2_1 24244	28.54 1.92 -0.67	28.82 1.73 -1.30	28.37 1.49 -4.30	26.71 1.42 -3.48	26.77 1.61 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.28 2.37 -5.20	29.58 2.33 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT2_2 24245	28.54 1.92 -0.67	28.82 1.73 -1.30	28.37 1.49 -4.30	26.71 1.42 -3.48	26.77 1.61 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.28 2.37 -5.20	29.58 2.33 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT2_3 24246	28.57 1.95 -0.67	28.82 1.73 -1.30	28.37 1.49 -4.30	26.71 1.42 -3.48	26.80 1.64 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.90 2.04 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.28 2.37 -5.20	29.60 2.35 -5.67	29.64 2.31 -5.73	32.83 2.20 -9.85	35.75 2.12 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.67 5.84 -2.24	61.84 5.37 -0.54	50.94 4.11 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT2_4 24247	28.57 1.95 -0.67	28.82 1.73 -1.30	28.37 1.49 -4.30	26.71 1.42 -3.48	26.80 1.64 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.90 2.04 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.28 2.37 -5.20	29.60 2.35 -5.67	29.64 2.31 -5.73	32.83 2.20 -9.85	35.75 2.12 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.67 5.84 -2.24	61.84 5.37 -0.54	50.94 4.11 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT3_1 24248	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.30	26.73 1.44 -3.48	26.80 1.64 0.00	31.47 1.89 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.89 2.58 0.00	28.90 2.04 0.00	24.70 1.98 0.00	29.30 2.31 -5.24	29.28 2.37 -5.20	29.58 2.33 -5.67	29.64 2.31 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.67 5.84 -2.24	61.84 5.37 -0.54	50.94 4.11 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT3_2 24249	28.57 1.95 -0.67	28.85 1.75 -1.30	28.39 1.51 -4.30	26.73 1.44 -3.48	26.80 1.64 0.00	31.47 1.89 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.89 2.58 0.00	28.90 2.04 0.00	24.70 1.98 0.00	29.30 2.31 -5.24	29.28 2.37 -5.20	29.58 2.33 -5.67	29.64 2.31 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.17	41.58 3.53 -2.38	55.75 4.87 -2.14	67.67 5.84 -2.24	61.84 5.37 -0.54	50.94 4.11 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT3_3 24250	28.59 1.97 -0.67	28.88 1.78 -1.30	28.41 1.54 -4.30	26.76 1.46 -3.48	26.82 1.66 0.00	31.50 1.92 0.00	40.73 2.38 0.00	41.46 2.78 0.00	32.92 2.61 0.00	28.95 2.10 0.00	24.73 2.00 0.00	29.32 2.33 -5.24	29.30 2.39 -5.20	29.62 2.37 -5.67	29.66 2.33 -5.73	32.88 2.24 -9.85	35.77 2.15 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.73 5.90 -2.24	61.95 5.48 -0.54	50.98 4.16 -3.05	36.96 3.01 -0.52	31.88 2.16 -5.12
RAVENSWOOD_GT3_4 24251	28.59 1.97 -0.67	28.88 1.78 -1.30	28.41 1.54 -4.30	26.76 1.46 -3.48	26.82 1.66 0.00	31.50 1.92 0.00	40.73 2.38 0.00	41.46 2.78 0.00	32.92 2.61 0.00	28.95 2.10 0.00	24.73 2.00 0.00	29.32 2.33 -5.24	29.30 2.39 -5.20	29.62 2.37 -5.67	29.66 2.33 -5.73	32.88 2.24 -9.85	35.77 2.15 -12.17	41.65 3.60 -2.38	55.85 4.97 -2.14	67.73 5.90 -2.24	61.95 5.48 -0.54	50.98 4.16 -3.05	36.96 3.01 -0.52	31.88 2.16 -5.12
RAVENSWOOD_GT_1 23729	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.83 1.53 -3.49	26.93 1.76 -0.01	31.58 2.01 0.00	40.77 2.42 0.00	41.54 2.86 0.00	32.98 2.67 0.00	29.02 2.15 -0.01	24.80 2.07 -0.01	29.42 2.41 -5.25	29.37 2.45 -5.21	29.70 2.44 -5.68	29.73 2.40 -5.74	32.95 2.31 -9.86	35.84 2.21 -12.17	41.69 3.64 -2.38	55.85 4.97 -2.14	67.67 5.84 -2.25	61.84 5.37 -0.54	51.03 4.20 -3.05	36.99 3.04 -0.52	31.96 2.24 -5.12
RAVENSWOOD_GT_10 24258	28.54 1.92 -0.66	28.82 1.73 -1.30	28.36 1.49 -4.29	26.69 1.40 -3.48	26.77 1.61 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.25 2.34 -5.20	29.58 2.33 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.16	41.58 3.53 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT_11 24259	28.54 1.92 -0.66	28.82 1.73 -1.30	28.36 1.49 -4.29	26.69 1.40 -3.48	26.77 1.61 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.25 2.34 -5.20	29.58 2.33 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.16	41.58 3.53 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT_4 24252	28.60 1.97 -0.67	28.88 1.78 -1.31	28.42 1.54 -4.30	26.74 1.44 -3.48	26.83 1.66 -0.01	31.50 1.92 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.89 2.58 0.00	28.94 2.07 -0.01	24.74 2.00 -0.01	29.33 2.33 -5.25	29.31 2.39 -5.21	29.63 2.37 -5.68	29.67 2.33 -5.74	32.86 2.22 -9.86	35.76 2.12 -12.17	41.61 3.57 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.53	50.94 4.11 -3.05	36.93 2.98 -0.51	31.86 2.14 -5.12
RAVENSWOOD_GT_5 24254	28.60 1.97 -0.67	28.88 1.78 -1.31	28.42 1.54 -4.30	26.74 1.44 -3.48	26.83 1.66 -0.01	31.50 1.92 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.89 2.58 0.00	28.94 2.07 -0.01	24.74 2.00 -0.01	29.33 2.33 -5.25	29.31 2.39 -5.21	29.63 2.37 -5.68	29.67 2.33 -5.74	32.86 2.22 -9.86	35.76 2.12 -12.17	41.61 3.57 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.53	50.94 4.11 -3.05	36.93 2.98 -0.51	31.86 2.14 -5.12
RAVENSWOOD_GT_6 24253	28.60 1.97 -0.67	28.88 1.78 -1.31	28.42 1.54 -4.30	26.74 1.44 -3.48	26.83 1.66 -0.01	31.50 1.92 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.89 2.58 0.00	28.94 2.07 -0.01	24.74 2.00 -0.01	29.33 2.33 -5.25	29.31 2.39 -5.21	29.63 2.37 -5.68	29.67 2.33 -5.74	32.86 2.22 -9.86	35.76 2.12 -12.17	41.61 3.57 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.53	50.94 4.11 -3.05	36.93 2.98 -0.51	31.86 2.14 -5.12

RAVENSWOOD_GT_7 24255	28.60 1.97 -0.67	28.88 1.78 -1.31	28.42 1.54 -4.30	26.74 1.44 -3.48	26.83 1.66 -0.01	31.50 1.92 0.00	40.70 2.34 0.00	41.42 2.75 0.00	32.89 2.58 0.00	28.94 2.07 -0.01	24.74 2.00 -0.01	29.33 2.33 -5.25	29.31 2.39 -5.21	29.63 2.37 -5.68	29.67 2.33 -5.74	32.86 2.22 -9.86	35.76 2.12 -12.17	41.61 3.57 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.53	50.94 4.11 -3.05	36.93 2.98 -0.51	31.86 2.14 -5.12
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.54 1.92 -0.66	28.82 1.73 -1.30	28.36 1.49 -4.29	26.69 1.40 -3.48	26.77 1.61 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.25 2.34 -5.20	29.58 2.33 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.16	41.58 3.53 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD_GT_9 24257	28.54 1.92 -0.66	28.82 1.73 -1.30	28.36 1.49 -4.29	26.69 1.40 -3.48	26.77 1.61 0.00	31.44 1.86 0.00	40.66 2.30 0.00	41.38 2.71 0.00	32.86 2.55 0.00	28.87 2.01 0.00	24.68 1.95 0.00	29.30 2.31 -5.24	29.25 2.34 -5.20	29.58 2.33 -5.67	29.62 2.29 -5.73	32.83 2.20 -9.85	35.73 2.10 -12.16	41.58 3.53 -2.38	55.75 4.87 -2.14	67.61 5.78 -2.24	61.84 5.37 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.83 2.12 -5.12
RAVENSWOOD___1 23533	28.68 2.05 -0.67	28.96 1.86 -1.31	28.49 1.60 -4.30	26.94 1.64 -3.48	26.90 1.73 -0.01	31.70 2.13 0.00	41.00 2.64 0.00	41.80 3.13 0.00	33.04 2.73 0.00	29.10 2.23 -0.01	24.87 2.14 -0.01	29.56 2.44 -5.37	29.51 2.47 -5.33	29.89 2.50 -5.81	29.84 2.38 -5.87	32.92 2.29 -9.86	35.82 2.19 -12.17	41.65 3.60 -2.38	55.82 4.97 -2.11	67.58 5.78 -2.21	61.84 5.37 -0.53	50.97 4.16 -3.04	36.96 3.01 -0.52	31.98 2.24 -5.15
RAVENSWOOD___2 23534	28.68 2.05 -0.67	28.93 1.83 -1.31	28.46 1.58 -4.30	26.92 1.61 -3.48	26.90 1.73 -0.01	31.70 2.13 0.00	41.00 2.64 0.00	41.77 3.09 0.00	33.01 2.70 0.00	29.10 2.23 -0.01	24.85 2.11 -0.01	29.56 2.44 -5.37	29.51 2.47 -5.33	29.89 2.50 -5.81	29.84 2.38 -5.87	32.92 2.29 -9.86	35.82 2.19 -12.17	41.65 3.60 -2.38	55.77 4.92 -2.11	67.58 5.78 -2.21	61.78 5.32 -0.53	50.97 4.16 -3.04	36.96 3.01 -0.52	31.98 2.24 -5.15
RAVENSWOOD___3 23535	28.57 1.95 -0.67	28.82 1.73 -1.30	28.39 1.51 -4.30	26.82 1.53 -3.48	26.80 1.63 0.00	31.59 2.01 0.00	40.93 2.57 0.00	41.65 2.98 0.00	32.95 2.64 0.00	28.98 2.12 0.00	24.75 2.02 0.00	29.46 2.35 -5.36	29.42 2.39 -5.32	29.79 2.42 -5.80	29.74 2.29 -5.86	32.83 2.20 -9.85	35.73 2.10 -12.16	41.58 3.53 -2.38	55.72 4.87 -2.11	67.64 5.84 -2.21	61.84 5.37 -0.53	50.88 4.07 -3.04	36.90 2.94 -0.52	31.88 2.14 -5.15
RAVENSWOOD___4 23820	28.65 2.03 -0.67	28.93 1.83 -1.31	28.46 1.58 -4.30	26.91 1.61 -3.48	26.90 1.73 -0.01	31.70 2.13 0.00	41.00 2.64 0.00	41.77 3.09 0.00	33.01 2.70 0.00	29.09 2.23 -0.01	24.85 2.11 -0.01	29.53 2.41 -5.37	29.51 2.47 -5.33	29.88 2.50 -5.81	29.84 2.38 -5.87	32.92 2.29 -9.86	35.82 2.19 -12.17	41.65 3.60 -2.38	55.76 4.92 -2.11	67.58 5.78 -2.21	61.78 5.32 -0.53	50.97 4.16 -3.04	36.96 3.01 -0.52	31.95 2.21 -5.15
RCPL_TRUST___DRP 24196	28.60 1.97 -0.67	28.87 1.78 -1.30	28.41 1.54 -4.29	26.76 1.46 -3.48	26.85 1.69 0.00	31.53 1.95 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.95 2.10 0.00	24.75 2.02 0.00	29.32 2.33 -5.24	29.30 2.39 -5.20	29.62 2.37 -5.67	29.66 2.33 -5.73	32.88 2.24 -9.85	35.77 2.15 -12.16	41.65 3.60 -2.38	55.85 4.97 -2.14	67.79 5.96 -2.24	62.01 5.54 -0.54	50.98 4.16 -3.05	36.96 3.01 -0.52	31.86 2.14 -5.12
RED___ROCHESTER 323720	22.62 -1.61 1.73	24.67 -1.21 -0.09	21.78 -1.11 -0.31	21.02 -1.05 -0.25	24.22 -0.93 0.01	28.35 -1.21 0.01	36.62 -1.73 0.01	36.77 -1.89 0.01	29.79 -0.52 0.01	26.29 -0.57 0.01	21.86 -0.86 0.01	21.10 -1.02 -0.37	21.10 -0.98 -0.37	21.05 -0.93 -0.41	21.05 -0.95 -0.41	20.48 -1.00 -0.70	21.23 -1.09 -0.87	29.32 -1.78 4.57	40.67 -2.54 5.53	49.74 -3.10 6.74	53.09 -2.80 0.05	39.99 -2.10 1.68	31.78 -1.67 -0.01	23.87 -1.08 -0.36
REGAN___SOLAR 323812	28.26 1.74 -0.57	29.17 1.75 -1.62	29.43 1.51 -5.34	27.69 1.55 -4.32	26.92 1.76 0.00	31.85 2.28 0.00	41.50 3.15 0.00	41.19 2.51 0.00	31.77 1.46 0.00	27.80 0.94 0.00	23.27 0.54 0.00	28.62 0.28 -6.58	28.41 0.17 -6.53	28.85 0.15 -7.12	28.94 0.15 -7.20	33.12 0.25 -12.09	36.76 0.36 -14.93	40.85 1.14 -4.04	53.14 2.58 -1.82	65.97 4.47 -1.91	61.06 4.48 -0.65	50.69 3.42 -3.50	36.51 2.44 -0.64	32.71 1.72 -6.39
RENSSELAER___COGEN 23796	26.97 1.01 0.00	28.25 0.98 -1.48	28.30 0.84 -4.89	26.67 0.89 -3.96	26.12 0.96 0.00	30.55 0.97 0.00	39.55 1.19 0.00	39.83 1.16 0.00	31.16 0.85 0.00	27.59 0.73 0.00	23.45 0.73 0.00	28.47 0.61 -6.11	28.36 0.59 -6.06	28.77 0.58 -6.61	28.88 0.60 -6.68	32.59 0.58 -11.22	35.92 0.60 -13.86	39.45 1.07 -2.71	50.15 1.41 0.00	61.32 1.73 0.00	58.17 1.68 -0.56	47.71 1.31 -2.62	35.14 1.14 -0.57	31.44 0.98 -5.86
REPUBLIC_115KV_BARTNBRK 55605	28.47 2.52 0.00	29.90 2.58 -1.52	29.84 2.24 -5.02	28.13 2.25 -4.07	27.75 2.59 0.00	32.91 3.34 0.00	42.96 4.60 0.00	42.46 3.79 0.00	32.92 2.61 0.00	28.95 2.10 0.00	24.48 1.75 0.00	29.50 1.48 -6.27	29.27 1.35 -6.22	29.67 1.32 -6.78	29.72 1.27 -6.85	33.70 1.41 -11.51	37.15 1.48 -14.21	41.34 2.89 -2.78	53.41 4.68 0.00	66.26 6.67 0.00	63.28 6.77 -0.58	51.41 4.95 -2.69	37.56 3.54 -0.58	33.06 2.48 -5.99
REVERE_CPPR_DRP 24186	26.68 0.73 0.00	26.46 0.59 -0.08	23.42 0.59 -0.25	22.61 0.59 -0.20	25.94 0.78 0.00	30.55 0.98 0.00	39.74 1.38 0.00	40.18 1.51 0.00	31.19 0.88 0.00	27.59 0.73 0.00	23.23 0.50 0.00	22.43 0.37 -0.31	22.36 0.35 -0.31	22.23 0.32 -0.33	22.28 0.35 -0.34	21.65 0.29 -0.58	22.51 0.34 -0.71	36.63 0.82 -0.14	50.20 1.46 0.00	62.10 2.32 -0.19	58.21 2.01 -0.26	45.48 1.58 -0.14	34.60 1.14 -0.03	25.66 0.76 -0.30
REYNLDDPA_13_KV_LD 356490	25.44 -0.52 0.00	25.36 -0.44 0.00	22.20 -0.38 0.00	21.36 -0.46 0.00	24.61 -0.55 0.00	28.95 -0.62 0.00	37.63 -0.73 0.00	37.67 -1.01 0.00	29.50 -0.82 0.00	26.29 -0.57 0.00	22.21 -0.52 0.00	21.43 -0.33 0.00	21.36 -0.35 0.00	21.14 -0.43 0.00	21.21 -0.39 0.00	20.38 -0.40 0.00	21.07 -0.39 0.00	34.96 -0.71 0.00	47.95 -0.78 0.00	58.04 -1.55 0.00	54.98 -0.95 0.00	43.07 -0.70 0.00	32.90 -0.54 0.00	24.15 -0.44 0.00
REYNOLDS_115KV_TB3 80639	27.12 1.17 0.00	28.39 1.11 -1.48	28.45 0.97 -4.90	26.74 0.96 -3.96	26.27 1.11 0.00	30.76 1.18 0.00	39.81 1.46 0.00	40.10 1.43 0.00	31.44 1.12 0.00	27.83 0.97 0.00	23.64 0.91 0.00	28.68 0.80 -6.12	28.56 0.78 -6.07	28.97 0.78 -6.62	29.09 0.80 -6.69	32.79 0.77 -11.24	36.14 0.79 -13.88	39.81 1.43 -2.71	52.18 1.90 -1.55	63.47 2.26 -1.62	58.71 2.18 -0.59	48.69 1.75 -3.17	35.49 1.47 -0.58	31.60 1.16 -5.85

RIVERBAY____ 323610	29.12 2.49 -0.67	29.42 2.32 -1.31	28.91 2.03 -4.30	27.27 1.96 -3.48	27.43 2.26 -0.01	32.23 2.66 0.00	41.46 3.11 0.00	42.23 3.56 0.00	33.38 3.06 0.00	29.37 2.50 -0.01	25.08 2.34 -0.01	29.68 2.68 -5.25	29.63 2.71 -5.21	29.95 2.70 -5.68	29.97 2.63 -5.74	33.17 2.54 -9.86	36.12 2.49 -12.17	42.01 3.96 -2.38	56.38 5.51 -2.14	68.33 6.50 -2.24	62.40 5.93 -0.54	51.64 4.81 -3.05	37.49 3.54 -0.52	32.32 2.61 -5.12
RIVERSDE_115KV_TB3 55908	27.07 1.12 0.00	28.34 1.06 -1.48	28.41 0.93 -4.90	26.68 0.89 -3.97	26.19 1.03 0.00	30.64 1.06 0.00	39.66 1.30 0.00	39.95 1.28 0.00	31.28 0.97 0.00	27.69 0.83 0.00	23.55 0.82 0.00	28.60 0.72 -6.13	28.49 0.69 -6.08	28.90 0.69 -6.63	28.99 0.69 -6.70	32.73 0.69 -11.26	36.07 0.71 -13.90	39.64 1.25 -2.72	51.94 1.66 -1.55	63.23 2.03 -1.62	58.48 1.96 -0.59	48.48 1.53 -3.17	35.32 1.30 -0.58	31.53 1.08 -5.86
ROARING__BROOK_WT_PWR 323790	25.41 -0.55 0.00	25.25 -0.54 0.00	22.06 -0.52 0.00	21.27 -0.54 0.00	24.51 -0.65 0.00	28.84 -0.74 0.00	37.44 -0.92 0.00	37.74 -0.93 0.00	29.62 -0.70 0.00	26.29 -0.57 0.00	22.25 -0.48 0.00	21.32 -0.43 0.00	21.27 -0.43 0.00	21.14 -0.43 0.00	21.18 -0.41 0.00	20.38 -0.40 0.00	21.07 -0.39 0.00	35.10 -0.57 0.00	48.10 -0.63 0.00	58.75 -0.83 0.00	54.98 -0.95 0.00	42.85 -0.92 0.00	32.63 -0.80 0.00	23.95 -0.64 0.00
ROCHESRG_115KV_T4 355643	22.41 -1.84 1.70	24.38 -1.50 -0.09	21.62 -1.26 -0.31	20.99 -1.07 -0.25	24.02 -1.13 0.01	28.38 -1.18 0.01	36.62 -1.73 0.01	36.88 -1.78 0.01	29.52 -0.79 0.01	26.13 -0.73 0.00	21.77 -0.95 0.01	20.88 -1.24 -0.36	20.85 -1.22 -0.36	20.85 -1.12 -0.39	20.80 -1.19 -0.40	20.25 -1.21 -0.68	20.95 -1.35 -0.84	28.97 -2.21 4.49	40.16 -3.17 5.40	49.15 -3.87 6.56	52.30 -3.58 0.05	39.46 -2.67 1.64	31.51 -1.94 -0.01	23.61 -1.33 -0.35
ROCHESTER_9_IC 23652	22.51 -1.71 1.73	24.51 -1.37 -0.09	21.71 -1.17 -0.31	21.10 -0.96 -0.25	24.14 -1.01 0.01	28.56 -1.01 0.01	36.89 -1.46 0.01	37.19 -1.47 0.01	29.73 -0.58 0.01	26.29 -0.56 0.01	21.90 -0.82 0.01	21.03 -1.09 -0.37	21.01 -1.06 -0.36	21.00 -0.97 -0.40	20.96 -1.04 -0.40	20.40 -1.06 -0.68	21.13 -1.18 -0.85	29.13 -1.96 4.57	40.45 -2.78 5.50	49.46 -3.40 6.73	52.80 -3.08 0.05	39.78 -2.32 1.67	31.74 -1.71 -0.01	23.76 -1.18 -0.35
ROCKVIEW_13_KV_LD 356306	28.59 1.97 -0.67	28.88 1.78 -1.30	28.41 1.54 -4.30	26.76 1.46 -3.48	26.85 1.69 0.00	31.53 1.95 0.00	40.81 2.45 0.00	41.46 2.78 0.00	32.92 2.61 0.00	28.90 2.04 0.00	24.70 1.98 0.00	29.21 2.22 -5.24	29.19 2.28 -5.20	29.49 2.24 -5.67	29.55 2.22 -5.73	32.77 2.14 -9.85	35.68 2.06 -12.17	41.54 3.50 -2.38	55.75 4.87 -2.14	67.67 5.84 -2.24	61.89 5.43 -0.54	50.89 4.07 -3.05	36.89 2.94 -0.52	31.81 2.09 -5.12
ROME____115KV_TB2 80656	26.68 0.73 0.00	26.46 0.59 -0.08	23.42 0.59 -0.25	22.61 0.59 -0.20	25.94 0.78 0.00	30.55 0.98 0.00	39.74 1.38 0.00	40.18 1.51 0.00	31.19 0.88 0.00	27.59 0.73 0.00	23.23 0.50 0.00	22.43 0.37 -0.31	22.36 0.35 -0.31	22.23 0.32 -0.33	22.28 0.35 -0.34	21.65 0.29 -0.58	22.51 0.34 -0.71	36.63 0.82 -0.14	50.20 1.46 0.00	62.10 2.32 -0.19	58.21 2.01 -0.26	45.48 1.58 -0.14	34.60 1.14 -0.03	25.66 0.76 -0.30
ROSETON__1 23587	28.29 1.66 -0.67	28.56 1.47 -1.30	28.18 1.31 -4.29	26.62 1.33 -3.47	26.57 1.41 0.00	31.29 1.71 0.00	40.58 2.22 0.00	41.15 2.48 0.00	32.53 2.21 0.00	28.58 1.72 0.00	24.39 1.66 0.00	28.92 1.80 -5.36	28.87 1.84 -5.32	29.25 1.88 -5.80	29.25 1.79 -5.86	32.35 1.72 -9.85	35.32 1.69 -12.16	40.94 2.89 -2.38	54.84 4.00 -2.11	66.63 4.82 -2.21	60.94 4.48 -0.53	50.18 3.37 -3.04	36.39 2.44 -0.52	31.51 1.77 -5.14
ROSETON__2 23588	28.29 1.66 -0.67	28.56 1.47 -1.30	28.18 1.31 -4.29	26.62 1.33 -3.47	26.57 1.41 0.00	31.29 1.71 0.00	40.58 2.22 0.00	41.15 2.48 0.00	32.53 2.21 0.00	28.58 1.72 0.00	24.39 1.66 0.00	28.92 1.80 -5.36	28.87 1.84 -5.32	29.25 1.88 -5.80	29.25 1.79 -5.86	32.35 1.72 -9.85	35.32 1.69 -12.16	40.94 2.89 -2.38	54.84 4.00 -2.11	66.63 4.82 -2.21	60.94 4.48 -0.53	50.18 3.37 -3.04	36.39 2.44 -0.52	31.51 1.77 -5.14
ROTTDRAM_115KV_TB3 80664	26.97 1.01 0.00	28.28 0.95 -1.53	28.48 0.84 -5.07	26.75 0.83 -4.10	26.12 0.96 0.00	30.73 1.15 0.00	39.85 1.50 0.00	40.10 1.43 0.00	31.32 1.00 0.00	27.69 0.83 0.00	23.45 0.73 0.00	28.74 0.67 -6.31	28.62 0.65 -6.26	29.05 0.65 -6.83	29.15 0.65 -6.90	33.01 0.64 -11.59	36.43 0.67 -14.31	39.72 1.25 -2.80	50.54 1.80 0.00	61.97 2.38 0.00	58.81 2.29 -0.58	48.28 1.79 -2.72	35.39 1.37 -0.59	31.61 0.98 -6.03
RUSSELL__1 23602	22.62 -1.61 1.73	24.59 -1.29 -0.09	21.78 -1.11 -0.31	21.17 -0.89 -0.25	24.22 -0.93 0.01	28.68 -0.89 0.01	37.04 -1.30 0.01	37.35 -1.31 0.01	29.85 -0.45 0.01	26.40 -0.46 0.01	21.99 -0.73 0.01	21.10 -1.02 -0.37	21.09 -0.98 -0.36	21.09 -0.88 -0.40	21.02 -0.97 -0.40	20.49 -0.98 -0.68	21.21 -1.09 -0.85	29.31 -1.78 4.57	40.70 -2.53 5.50	49.76 -3.10 6.73	53.08 -2.80 0.05	40.00 -2.10 1.67	31.88 -1.57 -0.01	23.86 -1.08 -0.35
RUSSELL__2 23532	22.62 -1.61 1.73	24.59 -1.29 -0.09	21.78 -1.11 -0.31	21.17 -0.89 -0.25	24.22 -0.93 0.01	28.68 -0.89 0.01	37.04 -1.30 0.01	37.35 -1.31 0.01	29.85 -0.45 0.01	26.40 -0.46 0.01	21.99 -0.73 0.01	21.10 -1.02 -0.37	21.09 -0.98 -0.36	21.09 -0.88 -0.40	21.02 -0.97 -0.40	20.49 -0.98 -0.68	21.21 -1.09 -0.85	29.31 -1.78 4.57	40.70 -2.53 5.50	49.76 -3.10 6.73	53.08 -2.80 0.05	40.00 -2.10 1.67	31.88 -1.57 -0.01	23.86 -1.08 -0.35
RUSSELL__3 23549	22.62 -1.61 1.73	24.59 -1.29 -0.09	21.78 -1.11 -0.31	21.17 -0.89 -0.25	24.22 -0.93 0.01	28.68 -0.89 0.01	37.04 -1.30 0.01	37.35 -1.31 0.01	29.85 -0.45 0.01	26.40 -0.46 0.01	21.99 -0.73 0.01	21.10 -1.02 -0.37	21.09 -0.98 -0.36	21.09 -0.88 -0.40	21.02 -0.97 -0.40	20.49 -0.98 -0.68	21.21 -1.09 -0.85	29.31 -1.78 4.57	40.70 -2.53 5.50	49.76 -3.10 6.73	53.08 -2.80 0.05	40.00 -2.10 1.67	31.88 -1.57 -0.01	23.86 -1.08 -0.35
RUSSELL__4 23556	22.62 -1.61 1.73	24.59 -1.29 -0.09	21.78 -1.11 -0.31	21.17 -0.89 -0.25	24.22 -0.93 0.01	28.68 -0.89 0.01	37.04 -1.30 0.01	37.35 -1.31 0.01	29.85 -0.45 0.01	26.40 -0.46 0.01	21.99 -0.73 0.01	21.10 -1.02 -0.37	21.09 -0.98 -0.36	21.09 -0.88 -0.40	21.02 -0.97 -0.40	20.49 -0.98 -0.68	21.21 -1.09 -0.85	29.31 -1.78 4.57	40.70 -2.53 5.50	49.76 -3.10 6.73	53.08 -2.80 0.05	40.00 -2.10 1.67	31.88 -1.57 -0.01	23.86 -1.08 -0.35
RUSSELL__STATION 23914	22.62 -1.61 1.73	24.59 -1.29 -0.09	21.78 -1.11 -0.31	21.17 -0.89 -0.25	24.22 -0.93 0.01	28.68 -0.89 0.01	37.04 -1.30 0.01	37.35 -1.31 0.01	29.85 -0.45 0.01	26.40 -0.46 0.01	21.99 -0.73 0.01	21.10 -1.02 -0.37	21.09 -0.98 -0.36	21.09 -0.88 -0.40	21.02 -0.97 -0.40	20.49 -0.98 -0.68	21.21 -1.09 -0.85	29.31 -1.78 4.57	40.70 -2.53 5.50	49.76 -3.10 6.73	53.08 -2.80 0.05	40.00 -2.10 1.67	31.88 -1.57 -0.01	23.86 -1.08 -0.35

S SALMON___HYD 24043	25.13 -0.26 0.57	25.61 -0.28 -0.10	22.69 -0.23 -0.34	21.87 -0.22 -0.27	25.04 -0.13 0.00	29.40 -0.18 0.00	38.05 -0.31 0.00	38.56 -0.12 0.00	30.10 -0.21 0.00	26.56 -0.29 0.00	22.48 -0.25 0.00	21.85 -0.33 -0.42	21.80 -0.33 -0.42	21.71 -0.32 -0.46	21.74 -0.32 -0.46	21.19 -0.37 -0.78	22.02 -0.41 -0.97	35.25 -0.61 -0.19	46.22 -0.63 1.88	57.83 -0.41 1.35	56.33 -0.39 -0.79	43.03 -0.26 0.47	33.26 -0.20 -0.03	24.81 -0.20 -0.41
S.PERRY___115KV_TB1 80734	21.67 -1.17 3.11	24.97 -0.90 -0.08	22.08 -0.79 -0.29	21.37 -0.68 -0.23	24.51 -0.63 0.02	29.05 -0.50 0.02	37.68 -0.65 0.02	37.76 -0.89 0.02	29.72 -0.58 0.01	26.04 -0.81 0.01	21.67 -1.05 0.01	20.73 -1.37 -0.34	20.70 -1.35 -0.34	20.70 -1.25 -0.37	20.63 -1.34 -0.38	20.26 -1.12 -0.60	21.03 -1.18 -0.75	24.80 -1.64 9.23	36.94 -1.71 10.09	47.76 -1.61 10.22	54.41 -1.40 0.12	39.44 -1.14 3.19	32.39 -1.04 0.00	24.17 -0.76 -0.33
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.79 -2.62 2.54	23.60 -2.27 -0.08	20.89 -1.99 -0.29	20.24 -1.81 -0.24	23.13 -2.01 0.02	27.28 -2.28 0.01	35.16 -3.18 0.02	35.41 -3.25 0.02	28.39 -1.91 0.01	25.19 -1.67 0.01	20.99 -1.73 0.01	20.16 -1.94 -0.35	20.16 -1.89 -0.34	20.14 -1.81 -0.38	20.10 -1.88 -0.38	19.66 -1.77 -0.65	20.21 -2.06 -0.81	25.09 -3.28 7.30	36.29 -4.63 7.81	45.16 -5.90 8.53	50.25 -5.59 0.09	37.25 -4.07 2.45	30.50 -2.94 -0.01	22.98 -1.94 -0.33
SAWYER___23_KV_LOAD 55526	20.79 -2.62 2.54	23.60 -2.27 -0.08	20.89 -1.99 -0.29	20.24 -1.81 -0.24	23.13 -2.01 0.02	27.28 -2.28 0.01	35.16 -3.18 0.02	35.41 -3.25 0.02	28.39 -1.91 0.01	25.19 -1.67 0.01	20.99 -1.73 0.01	20.16 -1.94 -0.35	20.16 -1.89 -0.34	20.14 -1.81 -0.38	20.10 -1.88 -0.38	19.66 -1.77 -0.65	20.21 -2.06 -0.81	25.09 -3.28 7.30	36.29 -4.63 7.81	45.16 -5.90 8.53	50.25 -5.59 0.09	37.25 -4.07 2.45	30.50 -2.94 -0.01	22.98 -1.94 -0.33
SELKIRK___I 23801	27.56 1.12 -0.48	28.37 1.11 -1.46	28.32 0.90 -4.84	26.72 0.98 -3.92	26.24 1.08 0.00	30.79 1.21 0.00	39.85 1.49 0.00	40.06 1.39 0.00	31.19 0.88 0.00	27.64 0.78 0.00	23.43 0.71 0.00	28.42 0.61 -6.06	28.30 0.59 -6.01	28.71 0.58 -6.55	28.80 0.58 -6.62	32.51 0.60 -11.13	35.80 0.60 -13.74	39.50 1.14 -2.69	50.49 1.75 0.00	61.85 2.26 0.00	58.62 2.12 -0.56	47.99 1.62 -2.60	35.30 1.30 -0.57	31.44 1.03 -5.81
SELKIRK___II 23799	26.94 0.99 0.00	28.19 0.93 -1.47	28.23 0.79 -4.86	26.60 0.85 -3.94	26.07 0.90 0.00	30.55 0.97 0.00	39.58 1.23 0.00	39.91 1.24 0.00	31.16 0.85 0.00	27.61 0.75 0.00	23.45 0.73 0.00	28.46 0.63 -6.08	28.37 0.63 -6.04	28.78 0.63 -6.58	28.89 0.65 -6.65	32.58 0.62 -11.18	35.90 0.64 -13.80	39.51 1.14 -2.70	50.29 1.56 0.00	61.49 1.91 0.00	58.28 1.79 -0.56	47.78 1.40 -2.61	35.14 1.14 -0.57	31.36 0.93 -5.84
SENECA OSWGO___HYD 24041	24.79 -0.55 0.62	25.39 -0.52 -0.11	22.50 -0.45 -0.37	21.68 -0.44 -0.30	24.73 -0.43 0.00	29.07 -0.50 0.00	37.70 -0.65 0.00	38.17 -0.50 0.00	29.98 -0.33 0.00	26.48 -0.38 0.00	22.36 -0.36 0.00	21.80 -0.41 -0.46	21.75 -0.41 -0.45	21.70 -0.37 -0.50	21.71 -0.39 -0.50	21.25 -0.37 -0.84	22.14 -0.36 -1.04	35.16 -0.71 -0.20	45.63 -1.07 2.03	57.14 -1.19 1.25	55.87 -1.18 -1.11	42.33 -0.92 0.52	32.76 -0.70 -0.03	24.52 -0.52 -0.44
SENECA___115KV_TB3 355854	20.97 -2.28 2.70	23.94 -1.94 -0.08	21.09 -1.78 -0.29	20.35 -1.70 -0.23	23.26 -1.89 0.02	27.34 -2.22 0.02	35.35 -2.99 0.02	35.64 -3.02 0.02	28.45 -1.85 0.02	25.16 -1.69 0.01	21.05 -1.66 0.02	20.37 -1.74 -0.36	20.37 -1.69 -0.35	20.30 -1.66 -0.39	20.28 -1.71 -0.39	19.91 -1.54 -0.67	20.56 -1.74 -0.83	25.02 -2.71 7.93	36.60 -3.75 8.39	45.71 -4.82 9.06	51.31 -4.53 0.10	37.77 -3.37 2.63	30.90 -2.54 0.00	23.29 -1.65 -0.34
SENECA___ENERGY 23797	23.87 -0.52 1.57	25.50 -0.41 -0.12	22.61 -0.38 -0.42	21.78 -0.37 -0.34	24.85 -0.30 0.01	29.24 -0.32 0.01	38.00 -0.35 0.01	38.32 -0.35 0.01	30.19 -0.12 0.01	26.59 -0.27 0.00	22.36 -0.36 0.01	21.78 -0.48 -0.51	21.74 -0.48 -0.51	21.70 -0.43 -0.55	21.68 -0.48 -0.56	21.31 -0.42 -0.95	22.22 -0.41 -1.17	31.72 -0.68 3.27	42.85 -0.83 5.05	57.52 -0.83 1.24	55.51 -0.84 -0.41	41.59 -0.70 1.48	32.89 -0.57 -0.02	24.67 -0.42 -0.49
SHOEMAKER___GT 23640	28.26 1.56 -0.75	28.44 1.39 -1.25	27.92 1.22 -4.12	26.40 1.24 -3.34	26.50 1.33 0.00	31.20 1.63 0.00	40.43 2.07 0.00	40.96 2.28 0.00	32.29 1.97 0.00	28.39 1.53 0.00	24.23 1.50 0.00	28.49 1.61 -5.13	28.43 1.63 -5.09	28.79 1.66 -5.56	28.81 1.60 -5.61	31.75 1.54 -9.43	34.61 1.50 -11.65	41.65 2.64 -3.34	54.75 3.66 -2.36	66.59 4.53 -2.48	60.59 4.14 -0.51	49.89 3.11 -3.01	36.17 2.24 -0.49	31.15 1.62 -4.94
SHOEMAKR_138KV_BK 111 55601	28.27 1.56 -0.75	28.43 1.39 -1.25	27.91 1.22 -4.11	26.30 1.16 -3.33	26.50 1.33 0.00	31.11 1.54 0.00	40.28 1.92 0.00	40.80 2.13 0.00	32.26 1.94 0.00	28.34 1.48 0.00	24.18 1.45 0.00	28.37 1.61 -5.01	28.35 1.67 -4.97	28.64 1.64 -5.42	28.69 1.62 -5.48	31.74 1.56 -9.40	34.59 1.52 -11.61	41.69 2.68 -3.34	54.85 3.70 -2.42	66.65 4.53 -2.53	60.64 4.19 -0.51	49.90 3.11 -3.03	36.20 2.27 -0.49	31.11 1.62 -4.89
SHOREHAM_IC_1 23715	51.74 2.44 -23.34	46.84 2.19 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.21 5.51 -4.97	70.54 6.79 -4.16	70.61 6.37 -8.30	56.98 4.81 -8.40	51.62 3.51 -14.67	50.59 2.51 -23.49
SHOREHAM_IC_2 23716	51.74 2.44 -23.34	46.84 2.19 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.21 5.51 -4.97	70.54 6.79 -4.16	70.61 6.37 -8.30	56.98 4.81 -8.40	51.62 3.51 -14.67	50.59 2.51 -23.49
SISSONVILLE____ 23735	24.74 -1.22 0.00	24.68 -1.13 -0.02	21.64 -1.02 -0.07	20.87 -1.00 -0.06	23.90 -1.26 0.00	28.04 -1.54 0.00	36.67 -1.69 0.00	36.66 -2.01 0.00	28.62 -1.70 0.00	25.79 -1.07 0.00	21.82 -0.91 0.00	21.16 -0.70 -0.11	20.97 -0.85 -0.11	20.57 -1.12 -0.12	20.61 -1.10 -0.12	19.79 -1.18 -0.20	20.48 -1.22 -0.24	33.72 -2.00 -0.05	46.44 -2.29 0.00	57.07 -2.62 -0.11	53.73 -2.35 -0.14	42.02 -1.79 -0.05	31.97 -1.47 -0.01	23.66 -1.03 -0.10
SITHE_IND_GS1 24169	24.74 -0.73 0.49	25.21 -0.67 -0.09	22.28 -0.59 -0.29	21.48 -0.57 -0.23	24.58 -0.58 0.00	28.86 -0.71 0.00	37.44 -0.92 0.00	37.74 -0.93 0.00	29.71 -0.61 0.00	26.27 -0.59 0.00	22.18 -0.55 0.00	21.51 -0.59 -0.35	21.49 -0.56 -0.34	21.41 -0.54 -0.37	21.41 -0.56 -0.38	20.88 -0.54 -0.64	21.71 -0.54 -0.79	34.83 -1.00 -0.15	45.56 -1.61 1.57	53.66 -1.96 3.96	51.16 -1.84 2.92	41.93 -1.44 0.40	32.42 -1.04 -0.02	24.19 -0.74 -0.34

SITHE_IND_GS2 24170	24.74 -0.73 0.49	25.21 -0.67 -0.09	22.28 -0.59 -0.29	21.48 -0.57 -0.23	24.58 -0.58 0.00	28.86 -0.71 0.00	37.44 -0.92 0.00	37.74 -0.93 0.00	29.71 -0.61 0.00	26.27 -0.59 0.00	22.18 -0.55 0.00	21.51 -0.59 -0.35	21.49 -0.56 -0.34	21.41 -0.54 -0.37	21.41 -0.56 -0.38	20.88 -0.54 -0.64	21.71 -0.54 -0.79	34.83 -1.00 -0.15	45.56 -1.61 1.57	53.66 -1.96 3.96	51.16 -1.84 2.92	41.93 -1.44 0.40	32.42 -1.04 -0.02	24.19 -0.74 -0.34
SITHE_IND_GS3 24171	24.74 -0.73 0.49	25.21 -0.67 -0.09	22.28 -0.59 -0.29	21.48 -0.57 -0.23	24.58 -0.58 0.00	28.86 -0.71 0.00	37.44 -0.92 0.00	37.74 -0.93 0.00	29.71 -0.61 0.00	26.27 -0.59 0.00	22.18 -0.55 0.00	21.51 -0.59 -0.35	21.49 -0.56 -0.34	21.41 -0.54 -0.37	21.41 -0.56 -0.38	20.88 -0.54 -0.64	21.71 -0.54 -0.79	34.83 -1.00 -0.15	45.56 -1.61 1.57	53.66 -1.96 3.96	51.16 -1.84 2.92	41.93 -1.44 0.40	32.42 -1.04 -0.02	24.19 -0.74 -0.34
SITHE_IND_GS4 24172	24.74 -0.73 0.49	25.21 -0.67 -0.09	22.28 -0.59 -0.29	21.48 -0.57 -0.23	24.58 -0.58 0.00	28.86 -0.71 0.00	37.44 -0.92 0.00	37.74 -0.93 0.00	29.71 -0.61 0.00	26.27 -0.59 0.00	22.18 -0.55 0.00	21.51 -0.59 -0.35	21.49 -0.56 -0.34	21.41 -0.54 -0.37	21.41 -0.56 -0.38	20.88 -0.54 -0.64	21.71 -0.54 -0.79	34.83 -1.00 -0.15	45.56 -1.61 1.57	53.66 -1.96 3.96	51.16 -1.84 2.92	41.93 -1.44 0.40	32.42 -1.04 -0.02	24.19 -0.74 -0.34
SITHE___BATAVIA 24024	21.76 -2.05 2.14	24.15 -1.73 -0.08	21.28 -1.60 -0.30	20.55 -1.51 -0.24	23.69 -1.46 0.01	27.73 -1.83 0.01	35.77 -2.57 0.01	35.84 -2.82 0.01	29.12 -1.18 0.01	25.64 -1.21 0.01	21.26 -1.46 0.01	20.46 -1.65 -0.37	20.47 -1.61 -0.36	20.40 -1.57 -0.40	20.42 -1.58 -0.40	19.89 -1.58 -0.69	20.53 -1.78 -0.85	27.17 -2.50 6.01	38.58 -3.41 6.75	47.65 -4.23 7.71	51.78 -4.08 0.07	38.93 -2.76 2.08	31.07 -2.37 -0.01	23.45 -1.50 -0.35
SITHE___INDEPEND 23800	24.74 -0.73 0.49	25.19 -0.70 -0.09	22.28 -0.59 -0.29	21.51 -0.55 -0.23	24.58 -0.58 0.00	28.89 -0.68 0.00	37.47 -0.88 0.00	37.82 -0.85 0.00	29.71 -0.61 0.00	26.30 -0.56 0.00	22.18 -0.55 0.00	21.51 -0.59 -0.34	21.48 -0.56 -0.34	21.40 -0.54 -0.37	21.41 -0.56 -0.37	20.88 -0.54 -0.64	21.71 -0.54 -0.79	34.82 -1.00 -0.15	45.57 -1.61 1.56	53.67 -1.97 3.95	51.16 -1.85 2.92	41.93 -1.44 0.40	32.42 -1.04 -0.02	24.19 -0.74 -0.33
SITHE___MASSENA 23902	25.36 -0.60 0.00	25.25 -0.54 0.00	22.13 -0.45 0.00	21.29 -0.52 0.00	24.51 -0.65 0.00	28.84 -0.74 0.00	37.63 -0.73 0.00	37.67 -1.01 0.00	29.43 -0.88 0.00	26.29 -0.57 0.00	22.21 -0.52 0.00	21.45 -0.30 0.00	21.34 -0.37 0.00	21.06 -0.52 0.00	21.14 -0.45 0.00	20.30 -0.48 0.00	20.99 -0.47 0.00	34.85 -0.82 0.00	47.86 -0.88 0.00	58.52 -1.07 0.00	54.98 -0.95 0.00	43.11 -0.66 0.00	32.90 -0.54 0.00	24.15 -0.44 0.00
SITHE___OGDNSBRG 24021	25.36 -0.60 0.00	25.25 -0.54 0.00	22.11 -0.47 0.00	21.34 -0.48 0.00	24.51 -0.65 0.00	28.80 -0.77 0.00	37.70 -0.65 0.00	37.59 -1.08 0.00	29.16 -1.15 0.00	26.08 -0.78 0.00	21.98 -0.75 0.00	21.31 -0.52 -0.08	21.16 -0.63 -0.08	20.85 -0.82 -0.09	20.93 -0.76 -0.09	20.15 -0.79 -0.16	20.88 -0.77 -0.19	34.53 -1.18 -0.04	47.71 -1.02 0.00	58.71 -0.95 -0.08	55.26 -0.78 -0.11	43.24 -0.57 -0.04	32.84 -0.60 -0.01	24.26 -0.42 -0.08
SITHE___STERLING 23777	26.55 0.60 0.00	26.40 0.52 -0.09	23.36 0.50 -0.28	22.53 0.48 -0.23	25.81 0.65 0.00	30.37 0.80 0.00	39.39 1.04 0.00	39.91 1.24 0.00	31.10 0.79 0.00	27.45 0.59 0.00	23.14 0.41 0.00	22.41 0.30 -0.35	22.36 0.30 -0.35	22.26 0.30 -0.38	22.28 0.30 -0.38	21.69 0.27 -0.64	22.58 0.32 -0.80	36.54 0.71 -0.16	49.95 1.22 0.00	61.63 1.85 -0.19	57.83 1.62 -0.27	45.19 1.27 -0.15	34.37 0.90 -0.03	25.55 0.62 -0.34
SLEIGHT__34_KV_TB1 80719	23.21 -1.25 1.51	24.86 -1.03 -0.10	22.07 -0.86 -0.35	21.36 -0.74 -0.28	24.42 -0.73 0.01	28.83 -0.74 0.01	37.39 -0.96 0.01	37.70 -0.97 0.01	29.88 -0.42 0.01	26.37 -0.48 0.00	22.08 -0.64 0.01	21.32 -0.85 -0.42	21.28 -0.85 -0.41	21.27 -0.76 -0.45	21.23 -0.82 -0.46	20.73 -0.83 -0.78	21.52 -0.90 -0.97	30.62 -1.50 3.56	41.85 -2.10 4.79	51.15 -2.44 6.00	53.73 -2.29 -0.09	40.60 -1.75 1.42	32.15 -1.30 -0.02	24.03 -0.96 -0.40
SOUTH CAIRO___GT 23612	28.16 1.69 -0.52	28.58 1.34 -1.44	28.49 1.15 -4.75	26.80 1.13 -3.85	26.77 1.61 0.00	31.47 1.89 0.00	40.70 2.34 0.00	40.76 2.09 0.00	31.68 1.36 0.00	27.83 0.97 0.00	23.52 0.80 0.00	28.19 0.50 -5.94	28.08 0.48 -5.90	28.46 0.45 -6.43	28.59 0.50 -6.50	32.25 0.52 -10.95	35.56 0.58 -13.52	39.74 1.43 -2.64	53.12 2.73 -1.66	65.14 3.81 -1.74	59.53 3.02 -0.58	49.10 2.19 -3.14	35.71 1.71 -0.57	31.54 1.25 -5.70
SOUTH HAMPTN___IC 23720	51.74 2.44 -23.34	46.84 2.19 -18.86	43.67 1.92 -19.18	34.02 1.94 -10.26	43.43 2.09 -16.19	51.71 2.54 -19.59	53.16 3.22 -11.58	53.04 3.52 -10.85	32.89 2.58 0.00	28.77 1.91 0.00	24.84 2.11 0.00	30.47 2.39 -6.33	44.08 2.41 -19.96	45.30 2.39 -21.33	48.91 2.33 -24.99	46.60 2.22 -23.59	46.70 2.21 -23.03	50.40 3.74 -10.99	59.11 5.41 -4.97	70.42 6.67 -4.16	70.43 6.21 -8.29	56.84 4.69 -8.39	51.45 3.34 -14.67	50.44 2.36 -23.49
SOUTHDOW_115KV_TB1 355954	21.01 -1.95 3.00	24.09 -1.78 -0.07	21.25 -1.63 -0.29	20.41 -1.64 -0.23	23.28 -1.86 0.02	27.46 -2.10 0.02	36.00 -2.34 0.02	36.53 -2.13 0.02	28.66 -1.64 0.02	25.32 -1.53 0.01	21.35 -1.36 0.02	20.75 -1.35 -0.34	20.77 -1.28 -0.34	20.54 -1.40 -0.37	20.52 -1.45 -0.38	20.27 -1.16 -0.66	20.99 -1.29 -0.82	24.98 -1.85 8.84	37.35 -2.34 9.04	47.18 -2.92 9.49	52.97 -2.85 0.11	38.47 -2.45 2.84	31.53 -1.91 0.00	23.55 -1.35 -0.31
SOUTHOLD_69_KV_BK 2 55809	51.63 2.34 -23.34	46.72 2.06 -18.86	43.58 1.83 -19.18	33.80 1.72 -10.26	43.28 1.94 -16.19	51.44 2.28 -19.59	52.70 2.76 -11.58	52.57 3.06 -10.85	32.59 2.27 0.00	28.44 1.58 0.00	24.64 1.91 0.00	30.16 2.20 -6.21	43.77 2.21 -19.84	44.93 2.16 -21.20	48.61 2.16 -24.86	46.43 2.06 -23.60	46.53 2.04 -23.03	50.12 3.46 -10.99	58.85 5.12 -5.00	70.09 6.32 -4.19	70.15 5.93 -8.29	56.55 4.38 -8.40	51.21 3.11 -14.67	50.20 2.14 -23.47
SOUTHOLD___IC 23719	51.63 2.34 -23.34	46.72 2.06 -18.86	43.58 1.83 -19.18	33.91 1.83 -10.26	43.28 1.94 -16.19	51.56 2.39 -19.59	52.93 2.99 -11.58	52.77 3.25 -10.85	32.65 2.33 0.00	28.53 1.67 0.00	24.66 1.93 0.00	30.30 2.22 -6.33	43.91 2.24 -19.96	45.12 2.22 -21.33	48.74 2.16 -24.99	46.43 2.06 -23.59	46.53 2.04 -23.03	50.12 3.46 -10.99	58.82 5.12 -4.97	70.06 6.31 -4.16	70.10 5.87 -8.29	56.54 4.38 -8.39	51.18 3.07 -14.67	50.22 2.14 -23.49
SOUTH_FORK_WT_PWR 323839	51.37 2.08 -23.34	46.46 1.81 -18.86	43.36 1.60 -19.18	33.69 1.61 -10.26	43.01 1.66 -16.19	51.20 2.04 -19.59	52.43 2.49 -11.58	52.30 2.79 -10.85	32.23 1.91 0.00	28.18 1.32 0.00	24.34 1.61 0.00	30.01 1.94 -6.33	43.62 1.95 -19.96	44.84 1.94 -21.33	48.46 1.88 -24.99	46.16 1.79 -23.59	46.25 1.76 -23.03	49.62 2.96 -10.99	58.09 4.39 -4.97	69.23 5.48 -4.16	69.31 5.09 -8.29	55.92 3.76 -8.39	50.72 2.61 -14.67	49.88 1.79 -23.49

SPIERFLS_115KV_TB 1 80737	27.70 1.74 0.00	29.05 1.73 -1.52	29.10 1.49 -5.03	27.39 1.51 -4.07	26.90 1.74 0.00	31.76 2.19 0.00	41.35 2.99 0.00	41.30 2.63 0.00	32.16 1.85 0.00	28.39 1.53 0.00	24.02 1.30 0.00	29.13 1.11 -6.27	28.97 1.04 -6.22	29.38 1.01 -6.79	29.45 0.99 -6.86	33.34 1.04 -11.52	36.77 1.09 -14.22	40.52 2.07 -2.78	51.85 3.12 0.00	63.82 4.23 0.00	60.76 4.25 -0.58	49.66 3.20 -2.70	36.36 2.34 -0.58	32.26 1.67 -5.99
ST LAWRENCE____ 23600	25.33 -0.62 0.00	25.23 -0.57 0.00	22.08 -0.50 0.00	21.25 -0.57 0.00	24.48 -0.68 0.00	28.78 -0.80 0.00	37.40 -0.96 0.00	37.55 -1.12 0.00	29.41 -0.91 0.00	26.16 -0.70 0.00	22.11 -0.61 0.00	21.29 -0.46 0.00	21.23 -0.48 0.00	21.04 -0.54 0.00	21.08 -0.52 0.00	20.26 -0.52 0.00	20.94 -0.52 0.00	34.78 -0.89 0.00	47.71 -1.03 0.00	58.22 -1.37 0.00	54.76 -1.18 0.00	42.85 -0.92 0.00	32.73 -0.70 0.00	24.00 -0.59 0.00
STATE_CA_115KV_115_LB 55624	27.05 1.09 0.00	28.34 1.06 -1.49	28.43 0.93 -4.93	26.72 0.92 -3.99	26.19 1.03 0.00	30.64 1.06 0.00	39.66 1.30 0.00	39.91 1.24 0.00	31.25 0.94 0.00	27.67 0.81 0.00	23.50 0.77 0.00	28.61 0.70 -6.16	28.49 0.67 -6.11	28.91 0.67 -6.67	29.00 0.67 -6.74	32.76 0.66 -11.31	36.09 0.67 -13.97	39.61 1.21 -2.73	51.88 1.61 -1.54	63.23 2.03 -1.62	58.49 1.96 -0.60	48.44 1.49 -3.19	35.32 1.30 -0.59	31.56 1.08 -5.88
STATE_ST_34_KV_LOAD 55959	24.58 -0.10 1.27	25.88 -0.05 -0.14	23.00 -0.05 -0.47	22.15 -0.04 -0.38	25.21 0.05 0.01	29.69 0.12 0.00	38.62 0.27 0.01	39.02 0.35 0.01	30.55 0.24 0.00	26.96 0.11 0.00	22.72 0.00 0.00	22.18 -0.13 -0.56	22.13 -0.13 -0.55	22.09 -0.09 -0.61	22.10 -0.11 -0.61	21.74 -0.08 -1.05	22.71 -0.04 -1.29	33.38 -0.11 2.18	44.63 -0.05 4.05	57.31 0.12 2.40	56.49 0.06 -0.50	42.64 0.00 1.13	33.43 -0.03 -0.03	25.06 -0.07 -0.54
STATION 5_MISC_HYD 23604	22.51 -1.71 1.73	24.59 -1.29 -0.09	21.71 -1.18 -0.31	20.95 -1.11 -0.25	24.14 -1.01 0.01	28.23 -1.33 0.01	36.47 -1.88 0.01	36.61 -2.05 0.01	29.67 -0.64 0.01	26.18 -0.67 0.01	21.79 -0.93 0.01	21.02 -1.11 -0.37	21.02 -1.06 -0.37	20.97 -1.01 -0.41	20.97 -1.04 -0.41	20.40 -1.08 -0.70	21.14 -1.18 -0.87	29.14 -1.96 4.57	40.42 -2.78 5.53	49.44 -3.39 6.75	52.80 -3.08 0.05	39.77 -2.32 1.68	31.64 -1.81 -0.01	23.77 -1.18 -0.36
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.11 -1.17 1.68	24.96 -0.93 -0.10	22.13 -0.79 -0.34	21.41 -0.68 -0.27	24.50 -0.65 0.01	28.94 -0.62 0.01	37.50 -0.84 0.01	37.81 -0.85 0.01	29.97 -0.33 0.01	26.45 -0.40 0.00	22.15 -0.57 0.01	21.37 -0.78 -0.40	21.32 -0.78 -0.40	21.30 -0.71 -0.43	21.28 -0.76 -0.44	20.78 -0.75 -0.75	21.57 -0.82 -0.93	30.18 -1.36 4.13	41.53 -1.85 5.35	49.42 -2.15 8.02	54.01 -2.01 -0.09	40.63 -1.53 1.61	32.28 -1.17 -0.02	24.14 -0.84 -0.38
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.50 -1.77 1.69	24.41 -1.47 -0.09	21.65 -1.24 -0.31	21.02 -1.05 -0.25	24.04 -1.11 0.01	28.44 -1.12 0.01	36.74 -1.61 0.01	37.04 -1.62 0.01	29.58 -0.73 0.01	26.16 -0.70 0.00	21.81 -0.91 0.01	20.95 -1.17 -0.37	20.92 -1.15 -0.37	20.92 -1.06 -0.40	20.88 -1.12 -0.40	20.33 -1.14 -0.69	21.05 -1.27 -0.85	29.19 -2.07 4.41	40.38 -2.97 5.38	49.11 -3.63 6.84	52.58 -3.30 0.05	39.64 -2.49 1.63	31.58 -1.87 -0.01	23.67 -1.28 -0.35
STA_56____34_KV_BUS2 355983	22.50 -1.77 1.69	24.41 -1.47 -0.09	21.65 -1.24 -0.31	21.02 -1.05 -0.25	24.04 -1.11 0.01	28.44 -1.12 0.01	36.74 -1.61 0.01	37.04 -1.62 0.01	29.58 -0.73 0.01	26.16 -0.70 0.00	21.81 -0.91 0.01	20.95 -1.17 -0.37	20.92 -1.15 -0.37	20.92 -1.06 -0.40	20.88 -1.12 -0.40	20.33 -1.14 -0.69	21.05 -1.27 -0.85	29.19 -2.07 4.41	40.38 -2.97 5.38	49.11 -3.63 6.84	52.58 -3.30 0.05	39.64 -2.49 1.63	31.58 -1.87 -0.01	23.67 -1.28 -0.35
STA_67____115KV_BK2 355882	22.49 -1.74 1.73	24.46 -1.42 -0.09	21.69 -1.20 -0.31	21.06 -1.00 -0.25	24.12 -1.03 0.01	28.53 -1.04 0.01	36.81 -1.53 0.01	37.12 -1.55 0.01	29.70 -0.61 0.01	26.24 -0.62 0.01	21.86 -0.86 0.01	20.99 -1.13 -0.37	20.96 -1.11 -0.36	20.96 -1.01 -0.40	20.92 -1.08 -0.40	20.36 -1.10 -0.68	21.08 -1.22 -0.85	29.06 -2.03 4.57	40.36 -2.88 5.50	49.35 -3.52 6.73	52.69 -3.19 0.05	39.69 -2.41 1.67	31.68 -1.77 -0.01	23.74 -1.21 -0.35
STA_7____115KV_9TRANS 80674	22.62 -1.61 1.73	24.59 -1.29 -0.09	21.78 -1.11 -0.31	21.17 -0.89 -0.25	24.22 -0.93 0.01	28.68 -0.89 0.01	37.04 -1.30 0.01	37.35 -1.31 0.01	29.85 -0.45 0.01	26.40 -0.46 0.01	21.99 -0.73 0.01	21.10 -1.02 -0.37	21.09 -0.98 -0.36	21.09 -0.88 -0.40	21.02 -0.97 -0.40	20.49 -0.98 -0.68	21.21 -1.09 -0.85	29.31 -1.78 4.57	40.70 -2.53 5.50	49.76 -3.10 6.73	53.08 -2.80 0.05	40.00 -2.10 1.67	31.88 -1.57 -0.01	23.86 -1.08 -0.35
STA_82____115KV_TB1 80780	22.46 -1.77 1.74	24.46 -1.42 -0.09	21.69 -1.20 -0.31	21.06 -1.00 -0.25	24.09 -1.06 0.01	28.50 -1.06 0.01	36.81 -1.53 0.01	37.08 -1.59 0.01	29.64 -0.67 0.01	26.21 -0.64 0.01	21.83 -0.89 0.01	20.97 -1.15 -0.37	20.94 -1.13 -0.36	20.94 -1.04 -0.40	20.89 -1.10 -0.40	20.34 -1.12 -0.68	21.04 -1.27 -0.85	29.01 -2.07 4.59	40.29 -2.92 5.52	49.27 -3.58 6.74	52.58 -3.30 0.05	39.64 -2.45 1.68	31.64 -1.81 -0.01	23.71 -1.23 -0.35
STEEL____WIND 323596	20.94 -2.31 2.70	23.91 -1.96 -0.08	21.04 -1.83 -0.29	20.30 -1.75 -0.23	23.23 -1.91 0.02	27.31 -2.25 0.02	35.31 -3.03 0.02	35.60 -3.06 0.02	28.42 -1.88 0.02	25.13 -1.72 0.01	21.03 -1.68 0.02	20.35 -1.76 -0.36	20.35 -1.72 -0.35	20.28 -1.68 -0.39	20.26 -1.73 -0.39	19.89 -1.56 -0.67	20.53 -1.76 -0.83	24.99 -2.75 7.93	36.55 -3.80 8.39	45.65 -4.88 9.06	51.25 -4.59 0.10	37.72 -3.41 2.63	30.87 -2.57 0.00	23.26 -1.67 -0.34
STEPHTWN_115KV_BK_2 55603	27.18 1.22 0.00	28.46 1.19 -1.48	28.51 1.04 -4.89	26.80 1.03 -3.96	26.34 1.18 0.00	30.82 1.24 0.00	39.93 1.57 0.00	40.14 1.47 0.00	31.44 1.12 0.00	27.80 0.94 0.00	23.61 0.89 0.00	28.63 0.76 -6.11	28.51 0.74 -6.07	28.92 0.73 -6.62	29.01 0.73 -6.69	32.73 0.73 -11.23	36.07 0.75 -13.86	39.77 1.39 -2.71	52.18 1.90 -1.55	63.59 2.38 -1.62	58.82 2.29 -0.59	48.73 1.79 -3.17	35.49 1.47 -0.58	31.64 1.21 -5.84
STEBEN_REC_LFGE 323667	19.28 -1.87 4.81	24.16 -1.70 -0.07	21.32 -1.56 -0.30	20.50 -1.55 -0.23	23.52 -1.61 0.03	27.78 -1.77 0.02	36.10 -2.22 0.03	36.24 -2.40 0.03	28.41 -1.88 0.02	24.96 -1.88 0.01	20.89 -1.82 0.02	20.08 -2.02 -0.35	20.08 -1.98 -0.34	20.03 -1.92 -0.38	19.97 -2.01 -0.38	19.78 -1.64 -0.65	20.59 -1.67 -0.81	19.38 -2.46 13.83	30.04 -2.83 15.87	41.48 -3.22 14.89	52.56 -3.30 0.07	35.93 -2.71 5.13	31.17 -2.24 0.03	23.24 -1.70 -0.34
STILLWATER____SOLAR 323814	27.46 1.50 0.00	28.81 1.50 -1.52	28.88 1.29 -5.01	27.20 1.33 -4.06	26.64 1.48 0.00	31.41 1.83 0.00	40.81 2.46 0.00	40.91 2.24 0.00	31.86 1.55 0.00	28.15 1.29 0.00	23.86 1.14 0.00	28.95 0.96 -6.25	28.82 0.91 -6.20	29.20 0.86 -6.76	29.31 0.89 -6.83	33.17 0.91 -11.48	36.60 0.97 -14.17	40.22 1.78 -2.77	51.36 2.63 0.00	63.10 3.51 0.00	59.98 3.47 -0.58	49.13 2.67 -2.69	36.06 2.04 -0.59	32.08 1.48 -6.01

STONY___BROOK 24151	51.84 2.55 -23.34	46.95 2.29 -18.86	43.76 2.01 -19.18	34.13 2.05 -10.26	43.56 2.21 -16.19	51.85 2.69 -19.59	53.39 3.45 -11.58	53.31 3.79 -10.85	33.23 2.91 0.00	29.12 2.26 0.00	25.09 2.36 0.00	30.69 2.61 -6.33	44.32 2.65 -19.96	45.55 2.65 -21.33	49.15 2.57 -24.99	46.86 2.49 -23.59	46.96 2.47 -23.03	50.87 4.21 -10.99	59.51 5.80 -4.98	70.84 7.09 -4.17	70.90 6.65 -8.32	57.21 5.03 -8.41	51.78 3.68 -14.67	50.72 2.63 -23.49
STURGEON_POOL_HYD 23609	28.38 1.77 -0.66	28.53 1.42 -1.31	28.16 1.24 -4.34	26.51 1.18 -3.52	26.67 1.51 0.00	31.35 1.77 0.00	40.58 2.22 0.00	41.11 2.44 0.00	32.53 2.21 0.00	28.55 1.69 0.00	24.34 1.61 0.00	28.83 1.70 -5.38	28.79 1.74 -5.34	29.11 1.70 -5.83	29.21 1.73 -5.89	32.51 1.66 -10.07	35.53 1.63 -12.44	41.03 2.92 -2.43	55.09 4.29 -2.07	67.06 5.30 -2.17	61.07 4.59 -0.55	50.28 3.41 -3.09	36.40 2.44 -0.53	31.53 1.70 -5.24
ST_LAW_115_BK7_LBMP 345037	25.28 -0.68 0.00	25.18 -0.62 0.00	22.06 -0.52 0.00	21.21 -0.61 0.00	24.43 -0.73 0.00	28.71 -0.86 0.00	37.32 -1.03 0.00	37.47 -1.20 0.00	29.34 -0.97 0.00	26.11 -0.75 0.00	22.07 -0.66 0.00	21.27 -0.48 0.00	21.19 -0.52 0.00	20.99 -0.58 0.00	21.05 -0.54 0.00	20.24 -0.54 0.00	20.90 -0.56 0.00	34.71 -0.96 0.00	47.61 -1.12 0.00	58.10 -1.49 0.00	54.65 -1.28 0.00	42.77 -1.00 0.00	32.67 -0.77 0.00	23.98 -0.61 0.00
ST_LAW_115_BK8_LBMP 345038	25.28 -0.68 0.00	25.18 -0.62 0.00	22.06 -0.52 0.00	21.21 -0.61 0.00	24.43 -0.73 0.00	28.71 -0.86 0.00	37.32 -1.03 0.00	37.47 -1.20 0.00	29.34 -0.97 0.00	26.11 -0.75 0.00	22.07 -0.66 0.00	21.27 -0.48 0.00	21.19 -0.52 0.00	20.99 -0.58 0.00	21.05 -0.54 0.00	20.24 -0.54 0.00	20.90 -0.56 0.00	34.71 -0.96 0.00	47.61 -1.12 0.00	58.10 -1.49 0.00	54.65 -1.28 0.00	42.77 -1.00 0.00	32.67 -0.77 0.00	23.98 -0.61 0.00
ST_LAW_230_BK5_LBMP 345035	25.33 -0.62 0.00	25.23 -0.57 0.00	22.08 -0.50 0.00	21.25 -0.57 0.00	24.48 -0.68 0.00	28.78 -0.80 0.00	37.40 -0.96 0.00	37.55 -1.12 0.00	29.41 -0.91 0.00	26.16 -0.70 0.00	22.11 -0.61 0.00	21.29 -0.46 0.00	21.23 -0.48 0.00	21.04 -0.54 0.00	21.08 -0.52 0.00	20.26 -0.52 0.00	20.94 -0.52 0.00	34.78 -0.89 0.00	47.71 -1.03 0.00	58.22 -1.37 0.00	54.76 -1.18 0.00	42.85 -0.92 0.00	32.73 -0.70 0.00	24.00 -0.59 0.00
ST_LAW_230_BK6_LBMP 345036	25.33 -0.62 0.00	25.23 -0.57 0.00	22.08 -0.50 0.00	21.25 -0.57 0.00	24.48 -0.68 0.00	28.78 -0.80 0.00	37.40 -0.96 0.00	37.55 -1.12 0.00	29.41 -0.91 0.00	26.16 -0.70 0.00	22.11 -0.61 0.00	21.29 -0.46 0.00	21.23 -0.48 0.00	21.04 -0.54 0.00	21.08 -0.52 0.00	20.26 -0.52 0.00	20.94 -0.52 0.00	34.78 -0.89 0.00	47.71 -1.03 0.00	58.22 -1.37 0.00	54.76 -1.18 0.00	42.85 -0.92 0.00	32.73 -0.70 0.00	24.00 -0.59 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.37 1.69 -0.73	28.56 1.50 -1.27	28.06 1.31 -4.17	26.44 1.24 -3.38	26.60 1.43 0.00	31.23 1.66 0.00	40.43 2.07 0.00	41.00 2.32 0.00	32.44 2.12 0.00	28.47 1.61 0.00	24.32 1.59 0.00	28.60 1.76 -5.08	28.58 1.82 -5.04	28.87 1.79 -5.50	28.92 1.77 -5.56	32.03 1.70 -9.55	34.92 1.67 -11.79	41.90 2.89 -3.34	55.07 4.00 -2.34	66.93 4.89 -2.45	60.98 4.53 -0.52	50.17 3.37 -3.03	36.37 2.44 -0.50	31.31 1.75 -4.97
SWANROAD_115KV_TB1 355699	20.72 -2.86 2.38	23.06 -2.81 -0.08	20.46 -2.42 -0.30	19.87 -2.18 -0.24	22.73 -2.42 0.02	26.81 -2.75 0.01	34.43 -3.91 0.02	34.64 -4.02 0.02	27.94 -2.36 0.01	24.81 -2.04 0.01	20.58 -2.14 0.01	19.71 -2.39 -0.35	19.71 -2.34 -0.35	19.71 -2.24 -0.38	19.65 -2.33 -0.38	19.19 -2.24 -0.66	19.72 -2.55 -0.82	25.08 -3.75 6.84	35.96 -5.36 7.41	44.48 -6.91 8.20	48.86 -6.99 0.08	36.87 -4.60 2.31	29.76 -3.68 -0.01	22.46 -2.46 -0.33
SYNERGY___BIOGAS 323694	21.76 -2.05 2.14	24.02 -1.86 -0.08	21.28 -1.60 -0.30	20.68 -1.37 -0.24	23.69 -1.46 0.01	28.05 -1.51 0.01	36.23 -2.11 0.01	36.49 -2.17 0.01	29.21 -1.09 0.01	25.75 -1.10 0.01	21.37 -1.34 0.01	20.48 -1.63 -0.36	20.46 -1.61 -0.35	20.45 -1.51 -0.39	20.39 -1.60 -0.39	19.89 -1.56 -0.67	20.51 -1.78 -0.83	27.16 -2.50 6.01	38.61 -3.41 6.71	47.74 -4.17 7.67	51.78 -4.08 0.07	38.94 -2.76 2.07	31.17 -2.27 -0.01	23.43 -1.50 -0.34
SYRACUSE___ENERGY_ST1 323597	25.02 -0.08 0.86	25.84 -0.08 -0.12	22.95 -0.05 -0.41	22.10 -0.04 -0.33	25.18 0.03 0.00	29.63 0.06 0.00	38.51 0.15 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.77 0.05 0.00	22.21 -0.04 -0.50	22.18 -0.02 -0.50	22.14 0.02 -0.54	22.14 0.00 -0.55	21.71 0.00 -0.93	22.63 0.02 -1.15	34.53 -0.07 1.07	45.82 -0.15 2.77	57.63 -0.06 1.90	56.41 -0.17 -0.64	42.91 -0.13 0.73	33.40 -0.07 -0.03	24.98 -0.10 -0.48
SYRACUSE___ENERGY_ST2 323598	25.02 -0.08 0.86	25.84 -0.08 -0.12	22.95 -0.05 -0.41	22.10 -0.04 -0.33	25.18 0.03 0.00	29.63 0.06 0.00	38.51 0.15 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.77 0.05 0.00	22.21 -0.04 -0.50	22.18 -0.02 -0.50	22.14 0.02 -0.54	22.14 0.00 -0.55	21.71 0.00 -0.93	22.63 0.02 -1.15	34.53 -0.07 1.07	45.82 -0.15 2.77	57.63 -0.06 1.90	56.41 -0.17 -0.64	42.91 -0.13 0.73	33.40 -0.07 -0.03	24.98 -0.10 -0.48
SYRACUSE___POWER 24017	25.08 -0.10 0.77	25.84 -0.10 -0.15	23.00 -0.07 -0.49	22.15 -0.07 -0.40	25.16 0.00 0.00	29.63 0.06 0.00	38.47 0.12 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.80 0.07 0.00	22.32 -0.02 -0.59	22.28 -0.02 -0.59	22.24 0.02 -0.64	22.24 0.00 -0.65	21.89 0.00 -1.11	22.85 0.02 -1.37	35.90 -0.04 -0.27	46.15 -0.10 2.48	57.66 0.00 1.93	56.35 -0.06 -0.48	43.07 -0.09 0.61	33.44 -0.03 -0.04	25.10 -0.07 -0.58
TALLMAN__138KV_BK151 55660	28.48 1.82 -0.70	28.73 1.65 -1.28	28.24 1.42 -4.24	26.60 1.35 -3.43	26.72 1.56 0.00	31.38 1.80 0.00	40.62 2.26 0.00	41.22 2.55 0.00	32.68 2.36 0.00	28.69 1.83 0.00	24.52 1.80 0.00	28.92 2.00 -5.17	28.90 2.06 -5.13	29.20 2.03 -5.59	29.26 2.01 -5.65	32.42 1.93 -9.71	35.33 1.89 -11.99	42.26 3.25 -3.34	55.47 4.48 -2.26	67.38 5.42 -2.37	61.49 5.03 -0.53	50.58 3.76 -3.04	36.65 2.71 -0.51	31.59 1.94 -5.05
TEALLAVE_115KV_TB7 355573	25.05 -0.23 0.67	25.71 -0.21 -0.12	22.83 -0.16 -0.41	22.00 -0.15 -0.33	25.06 -0.10 0.00	29.48 -0.09 0.00	38.28 -0.08 0.00	38.83 0.15 0.00	30.47 0.15 0.00	26.91 0.05 0.00	22.73 0.00 0.00	22.17 -0.09 -0.50	22.14 -0.07 -0.50	22.10 -0.02 -0.54	22.10 -0.04 -0.55	21.68 -0.04 -0.94	22.58 -0.04 -1.16	35.72 -0.18 -0.23	46.26 -0.29 2.18	57.57 -0.30 1.72	56.03 -0.34 -0.44	42.97 -0.26 0.54	33.30 -0.17 -0.03	24.91 -0.17 -0.49
TELGRAPH_34_KV_EAST 80808	21.30 -2.41 2.24	23.63 -2.24 -0.08	20.94 -1.94 -0.30	20.35 -1.70 -0.24	23.28 -1.86 0.01	27.52 -2.04 0.01	35.46 -2.88 0.01	35.72 -2.94 0.01	28.66 -1.64 0.01	25.37 -1.48 0.01	21.08 -1.64 0.01	20.19 -1.91 -0.35	20.17 -1.89 -0.35	20.17 -1.79 -0.38	20.12 -1.86 -0.39	19.64 -1.81 -0.66	20.22 -2.06 -0.82	26.28 -3.03 6.36	37.50 -4.24 7.00	46.33 -5.36 7.90	50.54 -5.31 0.08	38.01 -3.59 2.17	30.60 -2.84 -0.01	23.03 -1.89 -0.33

TEMPLE___115KV_TB 2 55572	25.08 -0.21 0.67	25.74 -0.18 -0.13	22.84 -0.16 -0.42	22.02 -0.13 -0.34	25.09 -0.08 0.00	29.51 -0.06 0.00	38.32 -0.04 0.00	38.83 0.15 0.00	30.50 0.18 0.00	26.94 0.08 0.00	22.75 0.02 0.00	22.20 -0.07 -0.51	22.15 -0.07 -0.51	22.13 0.00 -0.55	22.11 -0.04 -0.56	21.69 -0.04 -0.95	22.61 -0.02 -1.17	35.76 -0.14 -0.23	46.26 -0.29 2.18	57.61 -0.24 1.74	56.03 -0.34 -0.43	42.97 -0.26 0.54	33.30 -0.17 -0.03	24.94 -0.15 -0.50
TIANA___69_KV_BK 1 55817	51.76 2.47 -23.34	46.90 2.24 -18.86	43.72 1.96 -19.18	33.96 1.88 -10.26	43.49 2.14 -16.19	51.65 2.48 -19.59	53.04 3.11 -11.58	52.92 3.40 -10.85	32.95 2.64 0.00	28.79 1.93 0.00	24.89 2.16 0.00	30.40 2.44 -6.21	44.01 2.45 -19.84	45.17 2.39 -21.20	48.85 2.40 -24.86	46.68 2.31 -23.60	46.79 2.30 -23.03	50.55 3.89 -10.99	59.28 5.56 -5.00	70.63 6.85 -4.19	70.66 6.43 -8.29	56.98 4.81 -8.40	51.58 3.48 -14.67	50.50 2.43 -23.47
TILDEN___115KV_TB1 80814	25.08 -0.10 0.77	25.84 -0.10 -0.15	23.00 -0.07 -0.49	22.15 -0.07 -0.40	25.16 0.00 0.00	29.63 0.06 0.00	38.47 0.12 0.00	38.94 0.27 0.00	30.56 0.24 0.00	26.97 0.11 0.00	22.80 0.07 0.00	22.32 -0.02 -0.59	22.28 -0.02 -0.59	22.24 0.02 -0.64	22.24 0.00 -0.65	21.89 0.00 -1.11	22.85 0.02 -1.37	35.90 -0.04 -0.27	46.15 -0.10 2.48	57.66 0.00 1.93	56.35 -0.06 -0.48	43.07 -0.09 0.61	33.44 -0.03 -0.04	25.10 -0.07 -0.58
TRIGEN___CC 323695	51.53 2.23 -23.34	46.72 2.06 -18.86	43.54 1.78 -19.18	33.78 1.70 -10.26	43.31 1.96 -16.19	51.44 2.28 -19.59	52.77 2.84 -11.58	52.73 3.21 -10.85	33.04 2.73 0.00	28.95 2.10 0.00	24.91 2.18 0.00	30.40 2.44 -6.21	44.05 2.50 -19.84	45.25 2.48 -21.20	48.89 2.44 -24.86	46.72 2.35 -23.60	46.79 2.30 -23.03	50.51 3.85 -10.99	61.01 5.17 -7.11	71.47 6.26 -5.63	75.78 5.82 -14.03	60.50 4.38 -12.35	51.43 3.28 -14.72	50.45 2.39 -23.47
TRINITY___115KV___ 4 BK 55933	27.00 1.04 0.00	28.28 1.01 -1.48	28.36 0.88 -4.89	26.63 0.85 -3.96	26.14 0.98 0.00	30.55 0.98 0.00	39.55 1.19 0.00	39.83 1.16 0.00	31.19 0.88 0.00	27.61 0.75 0.00	23.48 0.75 0.00	28.53 0.65 -6.12	28.41 0.63 -6.07	28.83 0.63 -6.63	28.92 0.63 -6.70	32.65 0.62 -11.24	35.98 0.64 -13.88	39.53 1.14 -2.71	51.79 1.51 -1.54	63.05 1.85 -1.62	58.32 1.79 -0.59	48.34 1.40 -3.17	35.22 1.20 -0.58	31.47 1.03 -5.85
UNION___PROCESSING_DRP 323587	22.48 -1.74 1.74	24.46 -1.42 -0.09	21.69 -1.20 -0.31	21.06 -1.00 -0.25	24.09 -1.06 0.01	28.50 -1.06 0.01	36.81 -1.53 0.01	37.08 -1.59 0.01	29.67 -0.64 0.01	26.24 -0.62 0.01	21.86 -0.86 0.01	20.97 -1.15 -0.37	20.94 -1.13 -0.36	20.94 -1.04 -0.40	20.89 -1.10 -0.40	20.34 -1.12 -0.69	21.04 -1.27 -0.85	29.01 -2.07 4.59	40.29 -2.92 5.52	49.26 -3.58 6.76	52.64 -3.24 0.05	39.64 -2.45 1.68	31.64 -1.81 -0.01	23.71 -1.23 -0.35
UPPER HUDSON___HYD 24058	27.70 1.74 0.00	29.07 1.75 -1.52	29.10 1.49 -5.03	27.44 1.55 -4.07	26.90 1.73 0.00	31.79 2.22 0.00	41.43 3.07 0.00	41.34 2.67 0.00	32.16 1.85 0.00	28.39 1.53 0.00	24.02 1.29 0.00	29.13 1.11 -6.26	28.97 1.04 -6.22	29.37 1.01 -6.78	29.44 0.99 -6.85	33.33 1.04 -11.52	36.77 1.09 -14.22	40.52 2.07 -2.78	51.86 3.12 0.00	63.82 4.23 0.00	60.76 4.25 -0.58	49.66 3.19 -2.70	36.36 2.34 -0.59	32.30 1.67 -6.03
UPPER RAQUET___HYD 24056	24.74 -1.22 0.00	24.63 -1.19 -0.02	21.64 -1.02 -0.07	20.81 -1.07 -0.06	23.90 -1.26 0.00	28.07 -1.51 0.00	36.63 -1.73 0.00	36.66 -2.01 0.00	28.62 -1.70 0.00	25.76 -1.10 0.00	21.82 -0.91 0.00	21.16 -0.70 -0.11	20.97 -0.85 -0.11	20.57 -1.12 -0.12	20.59 -1.12 -0.12	19.79 -1.18 -0.20	20.48 -1.22 -0.25	33.72 -2.00 -0.05	46.44 -2.29 0.00	57.07 -2.62 -0.11	53.67 -2.40 -0.14	42.02 -1.80 -0.05	32.04 -1.40 -0.01	23.67 -1.03 -0.10
VALLEY44___115KV_TB2 355964	21.65 -1.19 3.11	24.81 -1.06 -0.07	21.65 -1.22 -0.29	20.72 -1.33 -0.23	23.60 -1.53 0.02	27.69 -1.86 0.02	36.38 -1.96 0.02	37.14 -1.51 0.02	28.42 -1.88 0.02	25.05 -1.80 0.01	21.41 -1.30 0.02	21.07 -1.02 -0.34	21.05 -1.00 -0.34	20.85 -1.10 -0.37	20.89 -1.08 -0.37	20.76 -0.69 -0.66	21.47 -0.82 -0.82	25.21 -1.21 9.25	37.86 -1.51 9.36	47.86 -1.91 9.82	54.09 -1.73 0.11	39.42 -1.40 2.95	32.30 -1.14 0.00	24.14 -0.76 -0.31
VALLEY___115KV_TB 1-4 80826	25.88 -0.08 0.00	25.64 -0.15 0.00	22.42 -0.16 0.00	21.60 -0.22 0.00	24.93 -0.23 0.00	29.31 -0.27 0.00	37.97 -0.38 0.00	38.29 -0.39 0.00	29.92 -0.39 0.00	26.54 -0.32 0.00	22.50 -0.23 0.00	21.49 -0.26 0.00	21.32 -0.39 0.00	21.17 -0.41 0.00	21.21 -0.39 0.00	20.41 -0.37 0.00	21.14 -0.32 0.00	35.35 -0.32 0.00	48.54 -0.19 0.00	59.53 -0.06 0.00	55.77 -0.17 0.00	43.51 -0.26 0.00	33.27 -0.17 0.00	24.40 -0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.18 1.48 -1.74	27.78 1.32 -0.67	25.96 1.20 -2.18	24.74 1.16 -1.77	26.58 1.41 -0.01	31.23 1.66 -0.01	42.24 3.87 -0.01	42.78 4.10 -0.01	33.05 2.73 -0.01	29.23 2.36 -0.01	24.44 1.70 -0.01	24.71 1.46 -1.50	24.63 1.43 -1.49	24.49 1.29 -1.62	24.59 1.36 -1.64	24.80 1.23 -2.80	26.20 1.29 -3.45	44.09 2.68 -5.75	60.00 3.07 -8.19	72.62 3.99 -9.04	60.14 3.64 -0.57	50.50 2.80 -3.93	35.66 2.04 -0.18	27.41 1.45 -1.37
VISCHER___FERRY HYD 24020	27.25 1.30 0.00	28.56 1.26 -1.50	28.62 1.08 -4.95	26.94 1.11 -4.01	26.39 1.23 0.00	31.05 1.48 0.00	40.31 1.96 0.00	40.57 1.89 0.00	31.68 1.37 0.00	28.01 1.15 0.00	23.77 1.05 0.00	28.81 0.87 -6.18	28.69 0.85 -6.14	29.09 0.82 -6.69	29.22 0.86 -6.76	33.00 0.85 -11.37	36.42 0.92 -14.04	40.06 1.64 -2.74	50.98 2.24 0.00	62.39 2.80 0.00	59.24 2.74 -0.57	48.62 2.19 -2.66	35.75 1.74 -0.58	31.81 1.28 -5.94
V_A_10_SYNC_DSASP 323832	21.33 -2.60 2.03	23.68 -2.19 -0.08	21.03 -1.85 -0.30	20.44 -1.61 -0.24	23.41 -1.74 0.01	27.64 -1.92 0.01	35.50 -2.84 0.01	35.64 -3.02 0.01	28.82 -1.49 0.01	25.56 -1.29 0.01	21.22 -1.50 0.01	20.26 -1.85 -0.35	20.26 -1.80 -0.35	20.27 -1.68 -0.38	20.21 -1.77 -0.39	19.66 -1.79 -0.66	20.24 -2.04 -0.82	26.60 -3.32 5.75	37.57 -4.73 6.43	46.24 -6.02 7.33	50.27 -5.59 0.07	37.72 -4.07 1.98	30.54 -2.91 -0.01	22.98 -1.94 -0.33
V_CMM_10_SYNC_DSASP 323787	25.36 -0.60 0.00	25.30 -0.49 0.00	22.13 -0.45 0.00	21.36 -0.46 0.00	24.51 -0.65 0.00	28.80 -0.77 0.00	37.47 -0.88 0.00	37.59 -1.08 0.00	29.41 -0.91 0.00	26.24 -0.62 0.00	22.14 -0.59 0.00	21.34 -0.41 0.00	21.27 -0.43 0.00	21.06 -0.52 0.00	21.12 -0.48 0.00	20.30 -0.48 0.00	20.99 -0.47 0.00	34.85 -0.82 0.00	47.81 -0.93 0.00	58.10 -1.49 0.00	54.87 -1.06 0.00	42.94 -0.83 0.00	32.70 -0.74 0.00	24.05 -0.54 0.00
V_CMP_10_SYNC_DSASP 323788	25.57 -0.39 0.00	25.54 -0.26 0.00	22.29 -0.29 0.00	21.49 -0.33 0.00	24.63 -0.53 0.00	28.95 -0.62 0.00	37.70 -0.65 0.00	37.78 -0.89 0.00	29.59 -0.73 0.00	26.40 -0.46 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.14 -0.43 0.00	21.21 -0.39 0.00	20.38 -0.39 0.00	21.09 -0.36 0.00	35.10 -0.57 0.00	48.29 -0.44 0.00	59.11 -0.48 0.00	55.54 -0.39 0.00	43.38 -0.39 0.00	32.93 -0.50 0.00	24.18 -0.42 0.00

V_D_10_SYNC_DSASP 323841	25.36 -0.60 0.00	25.30 -0.49 0.00	22.13 -0.45 0.00	21.36 -0.46 0.00	24.53 -0.63 0.00	28.80 -0.77 0.00	37.67 -0.69 0.00	37.67 -1.01 0.00	29.44 -0.88 0.00	26.32 -0.54 0.00	22.20 -0.52 0.00	21.45 -0.30 0.00	21.34 -0.37 0.00	21.08 -0.50 0.00	21.14 -0.45 0.00	20.30 -0.48 0.00	20.99 -0.47 0.00	34.85 -0.82 0.00	47.90 -0.83 0.00	58.52 -1.07 0.00	55.04 -0.89 0.00	43.11 -0.66 0.00	32.83 -0.60 0.00	24.15 -0.44 0.00
V_E_10_SYNC_DSASP 323830	28.22 1.43 -0.83	27.48 1.16 -0.52	25.38 1.08 -1.72	24.25 1.05 -1.39	26.52 1.36 0.00	31.29 1.72 0.00	41.16 2.80 -0.01	41.69 3.02 0.00	32.17 1.85 0.00	28.37 1.50 0.00	23.69 0.95 0.00	24.25 0.74 -1.76	24.19 0.74 -1.75	24.15 0.67 -1.91	24.23 0.71 -1.93	24.72 0.64 -3.29	26.32 0.79 -4.06	40.83 2.00 -3.17	55.31 3.17 -3.41	68.50 4.65 -4.27	60.27 3.86 -0.48	48.51 2.80 -1.94	35.42 1.81 -0.18	27.44 1.16 -1.69
V_F_30_NSYNC___DSASP 323816	27.46 1.51 0.00	28.81 1.50 -1.52	28.91 1.31 -5.02	27.17 1.29 -4.06	26.65 1.48 0.00	31.41 1.83 0.00	40.77 2.42 0.00	40.88 2.20 0.00	31.86 1.55 0.00	28.15 1.29 0.00	23.86 1.14 0.00	28.99 0.98 -6.26	28.85 0.93 -6.21	29.26 0.91 -6.78	29.35 0.91 -6.85	33.21 0.94 -11.50	36.64 0.99 -14.20	40.26 1.82 -2.78	51.41 2.68 0.00	63.16 3.58 0.00	60.03 3.52 -0.58	49.18 2.71 -2.69	36.06 2.04 -0.58	32.05 1.48 -5.98
V_F_30_SYNC_DSASP 323786	27.05 1.09 0.00	28.34 1.06 -1.49	28.43 0.93 -4.93	26.72 0.92 -3.99	26.19 1.03 0.00	30.64 1.06 0.00	39.66 1.30 0.00	39.91 1.24 0.00	31.25 0.94 0.00	27.67 0.81 0.00	23.50 0.77 0.00	28.60 0.70 -6.16	28.47 0.65 -6.11	28.91 0.67 -6.66	29.00 0.67 -6.73	32.75 0.66 -11.31	36.09 0.67 -13.96	39.61 1.21 -2.73	51.88 1.61 -1.54	63.23 2.03 -1.62	58.49 1.96 -0.60	48.44 1.49 -3.18	35.32 1.30 -0.58	31.56 1.08 -5.88
V_XM_10_SYNC_DSASP 323789	25.57 -0.39 0.00	25.54 -0.26 0.00	22.29 -0.29 0.00	21.49 -0.33 0.00	24.63 -0.53 0.00	28.95 -0.62 0.00	37.70 -0.65 0.00	37.78 -0.89 0.00	29.59 -0.73 0.00	26.40 -0.46 0.00	22.25 -0.48 0.00	21.43 -0.33 0.00	21.34 -0.37 0.00	21.14 -0.43 0.00	21.21 -0.39 0.00	20.38 -0.39 0.00	21.09 -0.36 0.00	35.10 -0.57 0.00	48.29 -0.44 0.00	59.11 -0.48 0.00	55.54 -0.39 0.00	43.38 -0.39 0.00	32.93 -0.50 0.00	24.18 -0.42 0.00
W.BABYLN_69_KV_BK1 56697	51.92 2.62 -23.34	47.05 2.40 -18.86	43.83 2.08 -19.18	34.07 1.99 -10.26	43.64 2.29 -16.19	51.85 2.69 -19.59	53.35 3.41 -11.58	53.27 3.75 -10.85	33.35 3.03 0.00	29.17 2.31 0.00	25.16 2.43 0.00	30.64 2.68 -6.21	44.27 2.71 -19.84	45.47 2.70 -21.20	49.15 2.70 -24.86	46.95 2.58 -23.60	47.05 2.55 -23.03	51.01 4.35 -10.99	59.97 5.90 -5.33	71.22 7.21 -4.42	71.91 6.77 -9.21	57.88 5.08 -9.03	51.89 3.78 -14.68	50.79 2.73 -23.47
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.55 1.89 -0.69	28.79 1.70 -1.29	28.33 1.49 -4.26	26.66 1.40 -3.45	26.77 1.61 0.00	31.44 1.86 0.00	40.73 2.38 0.00	41.34 2.67 0.00	32.77 2.46 0.00	28.77 1.91 0.00	24.57 1.84 0.00	28.99 2.04 -5.19	28.97 2.11 -5.15	29.27 2.07 -5.62	29.35 2.07 -5.68	32.53 1.99 -9.75	35.43 1.93 -12.04	42.37 3.35 -3.34	55.60 4.63 -2.23	67.59 5.66 -2.34	61.66 5.20 -0.53	50.71 3.90 -3.04	36.75 2.81 -0.51	31.66 1.99 -5.08
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.60 1.97 -0.67	28.87 1.78 -1.30	28.41 1.54 -4.29	26.76 1.46 -3.48	26.85 1.69 0.00	31.53 1.95 0.00	40.77 2.42 0.00	41.50 2.82 0.00	32.95 2.64 0.00	28.95 2.10 0.00	24.75 2.02 0.00	29.32 2.33 -5.24	29.30 2.39 -5.20	29.62 2.37 -5.67	29.66 2.33 -5.73	32.88 2.24 -9.85	35.77 2.15 -12.16	41.65 3.60 -2.38	55.85 4.97 -2.14	67.79 5.96 -2.24	62.01 5.54 -0.54	50.98 4.16 -3.05	36.96 3.01 -0.52	31.86 2.14 -5.12
W50THST__13_KV_LOAD 356117	28.70 2.08 -0.67	28.98 1.88 -1.30	28.50 1.63 -4.29	26.82 1.53 -3.48	26.92 1.76 0.00	31.61 2.04 0.00	40.93 2.57 0.00	41.69 3.02 0.00	33.10 2.79 0.00	29.09 2.23 0.00	24.86 2.14 0.00	29.43 2.44 -5.24	29.41 2.50 -5.20	29.71 2.46 -5.67	29.77 2.44 -5.73	32.98 2.35 -9.85	35.88 2.25 -12.16	41.83 3.78 -2.38	56.09 5.21 -2.14	68.03 6.20 -2.24	62.23 5.76 -0.54	51.16 4.33 -3.05	37.06 3.11 -0.52	31.96 2.24 -5.12
WADING RIVER_IC_1 23522	51.74 2.44 -23.34	46.87 2.22 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.20 5.51 -4.97	70.54 6.79 -4.16	70.59 6.37 -8.29	56.97 4.81 -8.39	51.62 3.51 -14.67	50.59 2.51 -23.49
WADING RIVER_IC_2 23547	51.74 2.44 -23.34	46.87 2.22 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.20 5.51 -4.97	70.54 6.79 -4.16	70.59 6.37 -8.29	56.97 4.81 -8.39	51.62 3.51 -14.67	50.59 2.51 -23.49
WADING RIVER_IC_3 23601	51.74 2.44 -23.34	46.87 2.22 -18.86	43.70 1.94 -19.18	34.04 1.96 -10.26	43.46 2.11 -16.19	51.73 2.57 -19.59	53.24 3.30 -11.58	53.12 3.60 -10.85	33.07 2.76 0.00	28.93 2.07 0.00	24.93 2.20 0.00	30.56 2.48 -6.33	44.17 2.50 -19.96	45.40 2.50 -21.33	49.00 2.42 -24.99	46.70 2.33 -23.59	46.81 2.32 -23.03	50.62 3.96 -10.99	59.20 5.51 -4.97	70.54 6.79 -4.16	70.59 6.37 -8.29	56.97 4.81 -8.39	51.62 3.51 -14.67	50.59 2.51 -23.49
WALDENNY_12_KV_BK2 80841	20.95 -2.34 2.67	23.78 -2.09 -0.08	21.02 -1.85 -0.29	20.33 -1.72 -0.23	23.21 -1.94 0.02	27.37 -2.19 0.02	35.42 -2.92 0.02	35.75 -2.90 0.02	28.45 -1.85 0.02	25.21 -1.64 0.01	21.08 -1.64 0.02	20.31 -1.78 -0.35	20.31 -1.74 -0.34	20.25 -1.70 -0.37	20.22 -1.75 -0.38	19.85 -1.58 -0.65	20.46 -1.80 -0.81	25.07 -2.78 7.82	36.64 -3.85 8.24	45.72 -4.95 8.92	51.03 -4.81 0.09	37.69 -3.50 2.58	30.86 -2.57 0.00	23.20 -1.72 -0.32
WALDEN___HYDRO 24148	28.42 1.77 -0.70	28.66 1.57 -1.29	28.21 1.38 -4.25	26.57 1.31 -3.44	26.67 1.51 0.00	31.32 1.74 0.00	40.54 2.19 0.00	41.11 2.44 0.00	32.80 2.49 0.00	28.69 1.83 0.00	24.45 1.73 0.00	28.93 1.87 -5.31	28.88 1.91 -5.27	29.22 1.90 -5.74	29.30 1.90 -5.80	32.59 1.85 -9.96	35.59 1.82 -12.30	41.43 3.35 -2.41	55.56 4.73 -2.10	67.75 5.96 -2.21	61.84 5.37 -0.54	50.87 4.03 -3.07	36.83 2.88 -0.52	31.86 2.04 -5.23
WARRENSBURG____ 23737	27.70 1.74 0.00	29.05 1.73 -1.52	29.10 1.49 -5.03	27.39 1.51 -4.07	26.90 1.74 0.00	31.76 2.19 0.00	41.35 2.99 0.00	41.30 2.63 0.00	32.16 1.85 0.00	28.39 1.53 0.00	24.02 1.30 0.00	29.13 1.11 -6.27	28.97 1.04 -6.22	29.38 1.01 -6.79	29.45 0.99 -6.86	33.34 1.04 -11.52	36.77 1.09 -14.22	40.52 2.07 -2.78	51.85 3.12 0.00	63.82 4.23 0.00	60.76 4.25 -0.58	49.66 3.20 -2.70	36.36 2.34 -0.58	32.26 1.67 -5.99

WATERSIDE___6 8 9 23538	28.65 2.02 -0.67	28.93 1.83 -1.31	28.46 1.58 -4.30	26.81 1.51 -3.48	26.90 1.74 -0.01	31.55 1.98 0.00	40.73 2.38 0.00	41.49 2.82 0.00	32.95 2.64 0.00	28.99 2.12 -0.01	24.78 2.05 -0.01	29.39 2.39 -5.25	29.35 2.43 -5.21	29.67 2.42 -5.68	29.71 2.38 -5.74	32.90 2.26 -9.86	35.82 2.19 -12.17	41.65 3.60 -2.38	55.80 4.92 -2.14	67.61 5.78 -2.24	61.78 5.31 -0.53	50.98 4.16 -3.05	36.96 3.01 -0.51	31.91 2.19 -5.12
WATKINRD_115KV_LN8_ILLION 55919	25.70 -0.26 0.00	25.46 -0.34 0.00	22.26 -0.32 0.00	21.42 -0.39 0.00	24.71 -0.45 0.00	29.04 -0.53 0.00	37.63 -0.73 0.00	37.94 -0.73 0.00	29.59 -0.73 0.00	26.27 -0.59 0.00	22.27 -0.45 0.00	21.27 -0.48 0.00	21.01 -0.69 0.00	20.88 -0.69 0.00	20.90 -0.69 0.00	20.14 -0.64 0.00	20.86 -0.60 0.00	34.92 -0.75 0.00	48.05 -0.68 0.00	59.05 -0.54 0.00	55.26 -0.67 0.00	43.07 -0.70 0.00	33.00 -0.43 0.00	24.20 -0.39 0.00
WDELAWARE___HYD 323627	28.66 1.89 -0.81	28.72 1.70 -1.22	28.10 1.49 -4.03	26.61 1.53 -3.26	26.80 1.63 0.00	31.61 2.04 0.00	41.00 2.64 0.00	41.54 2.86 0.00	32.74 2.43 0.00	28.71 1.85 0.00	24.46 1.73 0.00	28.63 1.80 -5.07	28.57 1.82 -5.03	28.92 1.86 -5.49	28.98 1.83 -5.55	31.89 1.79 -9.32	34.73 1.76 -11.51	42.42 3.28 -3.47	55.60 4.58 -2.29	67.83 5.84 -2.40	61.77 5.32 -0.52	50.74 3.94 -3.03	36.71 2.77 -0.50	31.58 1.97 -5.01
WEST BABYLON___IC 23714	51.92 2.62 -23.34	47.05 2.40 -18.86	43.83 2.08 -19.18	34.07 1.99 -10.26	43.64 2.29 -16.19	51.85 2.69 -19.59	53.35 3.41 -11.58	53.27 3.75 -10.85	33.35 3.03 0.00	29.17 2.31 0.00	25.16 2.43 0.00	30.64 2.68 -6.21	44.27 2.71 -19.84	45.47 2.70 -21.20	49.15 2.70 -24.86	46.95 2.58 -23.60	47.05 2.55 -23.03	51.01 4.35 -10.99	59.97 5.90 -5.33	71.22 7.21 -4.42	71.91 6.77 -9.21	57.88 5.08 -9.03	51.89 3.78 -14.68	50.79 2.73 -23.47
WEST CANADA___HYD 24049	26.14 0.18 0.00	25.95 0.16 0.00	22.72 0.14 0.00	21.95 0.13 0.00	25.31 0.15 0.00	29.75 0.18 0.00	38.59 0.23 0.00	38.91 0.23 0.00	30.47 0.15 0.00	26.99 0.13 0.00	22.84 0.11 0.00	21.86 0.11 0.00	21.82 0.11 0.00	21.68 0.11 0.00	21.70 0.11 0.00	20.88 0.10 0.00	21.57 0.11 0.00	35.89 0.22 0.00	49.03 0.29 0.00	60.01 0.42 0.00	56.27 0.34 0.00	44.03 0.26 0.00	33.64 0.20 0.00	24.74 0.15 0.00
WESTERN_NY_WIND 24143	21.67 -2.10 2.18	23.97 -1.91 -0.08	21.23 -1.65 -0.30	20.64 -1.42 -0.24	23.64 -1.51 0.01	27.99 -1.57 0.01	36.16 -2.19 0.01	36.42 -2.24 0.01	29.15 -1.15 0.01	25.72 -1.13 0.01	21.33 -1.39 0.01	20.43 -1.67 -0.36	20.41 -1.65 -0.35	20.41 -1.55 -0.39	20.34 -1.64 -0.39	19.87 -1.58 -0.67	20.48 -1.80 -0.83	26.96 -2.57 6.14	38.40 -3.51 6.82	47.48 -4.35 7.76	51.67 -4.19 0.07	38.82 -2.85 2.11	31.10 -2.34 -0.01	23.38 -1.55 -0.34
WESTOVER___LESR 323668	31.33 0.34 -5.04	26.70 0.31 -0.59	24.76 0.27 -1.91	23.60 0.24 -1.55	25.53 0.35 -0.02	30.03 0.44 -0.02	39.07 0.69 -0.02	39.51 0.81 -0.02	30.94 0.61 -0.02	27.30 0.43 -0.01	23.09 0.34 -0.02	24.26 0.30 -2.20	24.22 0.33 -2.18	24.28 0.32 -2.38	24.32 0.32 -2.40	25.18 0.31 -4.09	26.83 0.32 -5.05	47.40 0.57 -11.16	66.07 0.88 -16.46	78.55 1.13 -17.83	57.67 1.01 -0.73	51.10 0.79 -6.55	34.29 0.57 -0.29	27.10 0.37 -2.13
WETHRSFD_WT_PWR 323626	20.39 -2.26 3.31	23.90 -1.96 -0.07	21.06 -1.81 -0.29	20.32 -1.72 -0.23	23.25 -1.89 0.02	27.37 -2.19 0.02	35.38 -2.95 0.02	35.37 -3.29 0.02	28.11 -2.18 0.02	24.81 -2.04 0.01	20.71 -2.00 0.02	19.99 -2.11 -0.34	19.99 -2.06 -0.34	19.94 -2.01 -0.37	19.90 -2.07 -0.38	19.65 -1.79 -0.66	20.35 -1.93 -0.82	22.69 -2.92 10.06	34.35 -3.85 10.53	44.10 -4.65 10.84	51.38 -4.42 0.13	37.10 -3.33 3.34	30.82 -2.61 0.00	23.18 -1.75 -0.34
WHAVSTOR_138KV_BK127 55557	28.44 1.79 -0.69	28.71 1.63 -1.29	28.24 1.40 -4.26	26.60 1.33 -3.45	26.70 1.53 0.00	31.35 1.77 0.00	40.58 2.22 0.00	41.19 2.51 0.00	32.68 2.36 0.00	28.69 1.83 0.00	24.50 1.77 0.00	28.93 1.98 -5.20	28.91 2.04 -5.16	29.23 2.03 -5.63	29.29 2.01 -5.68	32.45 1.91 -9.76	35.38 1.87 -12.05	42.23 3.21 -3.35	55.35 4.39 -2.23	67.29 5.36 -2.34	61.44 4.98 -0.53	50.53 3.72 -3.04	36.62 2.67 -0.51	31.59 1.92 -5.08
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.44 1.79 -0.69	28.71 1.63 -1.29	28.24 1.40 -4.26	26.60 1.33 -3.45	26.70 1.53 0.00	31.35 1.77 0.00	40.58 2.22 0.00	41.19 2.51 0.00	32.68 2.36 0.00	28.69 1.83 0.00	24.50 1.77 0.00	28.93 1.98 -5.20	28.91 2.04 -5.16	29.23 2.03 -5.63	29.29 2.01 -5.68	32.45 1.91 -9.76	35.38 1.87 -12.05	42.23 3.21 -3.35	55.35 4.39 -2.23	67.29 5.36 -2.34	61.44 4.98 -0.53	50.53 3.72 -3.04	36.62 2.67 -0.51	31.59 1.92 -5.08
WHITEHAL_115KV_TB1 80871	28.03 2.08 0.00	29.41 2.09 -1.52	29.41 1.81 -5.02	27.69 1.81 -4.07	27.27 2.11 0.00	32.26 2.69 0.00	42.04 3.68 0.00	41.80 3.13 0.00	32.47 2.15 0.00	28.61 1.75 0.00	24.20 1.48 0.00	29.28 1.26 -6.27	29.10 1.17 -6.22	29.50 1.14 -6.78	29.55 1.10 -6.85	33.47 1.18 -11.51	36.93 1.27 -14.21	40.87 2.43 -2.78	52.53 3.80 0.00	64.95 5.36 0.00	61.88 5.37 -0.58	50.45 3.98 -2.69	36.93 2.91 -0.58	32.62 2.04 -5.99
WHITEPLN_13_KV_LOAD 356215	28.70 2.08 -0.67	28.98 1.88 -1.30	28.50 1.63 -4.29	26.84 1.55 -3.47	26.95 1.79 0.00	31.64 2.07 0.00	40.96 2.61 0.00	41.61 2.94 0.00	33.01 2.70 0.00	28.98 2.12 0.00	24.77 2.05 0.00	29.29 2.26 -5.28	29.27 2.32 -5.24	29.60 2.31 -5.71	29.64 2.27 -5.78	32.80 2.18 -9.84	35.73 2.12 -12.15	41.68 3.64 -2.38	55.95 5.07 -2.15	67.98 6.14 -2.25	62.06 5.59 -0.53	51.02 4.20 -3.05	36.96 3.01 -0.52	31.88 2.16 -5.12
WM_FLOYD_69_KV_BK2 356380	51.74 2.44 -23.34	46.87 2.22 -18.86	43.70 1.94 -19.18	33.96 1.88 -10.26	43.49 2.14 -16.19	51.65 2.48 -19.59	53.04 3.11 -11.58	52.96 3.44 -10.85	33.04 2.73 0.00	28.87 2.01 0.00	24.93 2.20 0.00	30.44 2.48 -6.21	44.05 2.50 -19.84	45.23 2.46 -21.20	48.89 2.44 -24.86	46.72 2.35 -23.60	46.83 2.34 -23.03	50.66 4.00 -10.99	59.29 5.56 -5.00	70.63 6.85 -4.19	70.67 6.43 -8.30	57.04 4.86 -8.41	51.68 3.58 -14.67	50.59 2.53 -23.47
WOODARD__115KV_TB2 355635	24.98 -0.26 0.72	25.65 -0.26 -0.11	22.75 -0.20 -0.38	21.95 -0.17 -0.30	25.01 -0.15 0.00	29.42 -0.15 0.00	38.20 -0.15 0.00	38.75 0.08 0.00	30.41 0.09 0.00	26.86 0.00 0.00	22.70 -0.02 0.00	22.15 -0.11 -0.51	22.11 -0.11 -0.51	22.08 -0.04 -0.55	22.06 -0.09 -0.56	21.65 -0.08 -0.95	22.57 -0.06 -1.17	35.69 -0.21 -0.23	46.00 -0.39 2.35	57.48 -0.36 1.75	56.08 -0.39 -0.54	42.82 -0.35 0.60	33.23 -0.23 -0.03	24.85 -0.20 -0.45
YORK___WARBASSE 23770	28.78 2.15 -0.67	29.06 1.96 -1.31	28.58 1.69 -4.30	26.92 1.61 -3.48	27.01 1.84 -0.01	31.73 2.16 0.00	40.93 2.57 0.00	41.74 3.06 -0.01	33.07 2.76 0.00	29.12 2.26 -0.01	24.89 2.16 -0.01	29.48 2.48 -5.25	29.46 2.54 -5.21	29.78 2.52 -5.68	29.82 2.48 -5.74	33.03 2.39 -9.86	35.95 2.32 -12.17	41.87 3.82 -2.39	56.15 5.26 -2.15	68.04 6.20 -2.25	62.18 5.71 -0.54	51.30 4.46 -3.06	37.20 3.24 -0.52	32.08 2.36 -5.12