

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	37.62	33.66	32.28	30.68	31.33	33.15	42.23	46.68	48.40	48.40	50.37	51.61	51.97	56.44	56.87	59.82	62.70	69.60	61.56	60.93	50.93	45.99	42.63	37.84
24138	1.65	1.36	1.24	1.09	1.12	1.37	1.86	2.26	2.14	2.26	2.44	2.37	2.39	2.64	2.38	2.83	3.14	3.42	2.86	2.60	2.01	1.98	2.15	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.75	-0.90	-0.98	-0.90	-0.89	-0.91	-1.50	-1.56	-1.41	-1.71	-0.30	-0.48	0.00	0.00	-0.67	-0.41
74TH STREET_GT_1	37.66	33.66	32.28	30.71	31.36	33.15	42.23	46.59	48.31	48.31	50.27	51.51	51.87	56.33	56.82	59.76	62.64	69.54	61.50	60.87	50.93	45.99	42.67	37.88
24260	1.69	1.36	1.24	1.12	1.15	1.37	1.86	2.17	2.05	2.17	2.35	2.27	2.29	2.54	2.33	2.77	3.08	3.35	2.80	2.55	2.01	1.98	2.19	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.75	-0.90	-0.99	-0.90	-0.89	-0.91	-1.50	-1.56	-1.41	-1.71	-0.30	-0.48	0.00	0.00	-0.67	-0.41
74TH STREET_GT_2	37.66	33.66	32.28	30.71	31.36	33.15	42.23	46.59	48.31	48.31	50.27	51.51	51.87	56.33	56.82	59.76	62.64	69.54	61.50	60.87	50.93	45.99	42.67	37.88
24261	1.69	1.36	1.24	1.12	1.15	1.37	1.86	2.17	2.05	2.17	2.35	2.27	2.29	2.54	2.33	2.77	3.08	3.35	2.80	2.55	2.01	1.98	2.19	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.75	-0.90	-0.99	-0.90	-0.89	-0.91	-1.50	-1.56	-1.41	-1.71	-0.30	-0.48	0.00	0.00	-0.67	-0.41
ADK HUDSON___FALLS	36.90	33.21	31.94	30.41	31.09	32.71	41.70	45.69	46.28	45.97	47.42	48.83	49.11	53.38	53.09	55.65	64.26	74.62	69.81	64.99	50.64	45.59	40.64	36.40
24011	0.94	0.90	0.90	0.83	0.88	0.92	1.33	1.51	1.41	1.49	1.31	1.26	1.17	1.27	1.38	1.55	1.69	1.93	1.99	1.79	1.71	1.58	1.39	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.64	0.77	0.84	0.77	0.75	0.77	1.28	1.33	-4.43	-8.21	-9.42	-5.35	0.00	0.00	0.57	0.35
ADK RESOURCE___RCVRY	37.04	33.30	32.06	30.53	31.21	32.84	41.86	45.87	46.47	46.25	47.57	49.09	49.27	53.60	53.32	55.89	64.34	74.63	69.77	65.11	50.87	45.81	40.81	36.55
23798	1.08	1.00	1.02	0.95	1.00	1.05	1.49	1.68	1.59	1.76	1.46	1.50	1.32	1.48	1.59	1.77	1.98	2.32	2.34	2.14	2.01	1.80	1.55	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.63	0.76	0.83	0.75	0.74	0.76	1.26	1.31	-4.21	-7.84	-9.03	-5.12	0.06	0.00	0.56	0.35
ADK S GLENS___FALLS	36.90	33.21	31.94	30.41	31.09	32.71	41.70	45.69	46.28	45.97	47.42	48.83	49.11	53.38	53.09	55.65	64.26	74.62	69.81	64.99	50.64	45.59	40.64	36.40
24028	0.94	0.90	0.90	0.83	0.88	0.92	1.33	1.51	1.41	1.49	1.31	1.26	1.17	1.27	1.38	1.55	1.69	1.93	1.99	1.79	1.71	1.58	1.39	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.64	0.77	0.84	0.77	0.75	0.77	1.28	1.33	-4.43	-8.21	-9.42	-5.35	0.00	0.00	0.57	0.35
ADK_NYS___DAM	36.83	33.04	31.78	30.33	31.00	32.71	41.70	45.46	45.36	44.96	46.36	47.97	48.27	52.53	51.39	53.94	66.82	79.65	76.30	68.32	50.25	45.33	39.82	35.92
23527	0.86	0.74	0.74	0.74	0.78	0.92	1.33	1.42	1.36	1.54	1.41	1.45	1.36	1.48	1.43	1.66	1.92	2.12	1.99	1.62	1.47	1.32	1.35	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.52	1.82	1.99	1.82	1.79	1.83	3.02	3.15	-6.76	-13.05	-15.92	-8.86	0.13	0.00	1.34	0.83
AIR_PRODUCTS___DRP	35.25	31.62	30.45	29.05	29.70	31.28	39.64	43.51	44.36	43.95	45.48	46.81	47.17	51.26	50.93	53.40	50.47	52.35	47.24	50.45	48.04	43.26	38.92	35.07
24190	-0.72	-0.68	-0.59	-0.53	-0.51	-0.51	-0.73	-0.71	-0.68	-0.72	-0.84	-0.97	-0.97	-1.06	-1.11	-1.05	-0.99	-1.10	-0.99	-1.16	-0.88	-0.75	-0.48	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.47	0.56	0.62	0.56	0.55	0.57	0.94	0.98	6.69	11.03	10.16	6.24	0.00	0.00	0.42	0.26
AKWESSNE_115KV_BK	36.15	30.87	30.44	28.95	29.16	28.51	35.54	38.84	40.33	40.03	41.98	43.54	46.72	48.69	52.41	56.04	57.58	62.74	55.04	54.37	44.20	43.20	38.89	34.79
355683	0.18	0.19	0.16	0.15	0.15	0.16	0.24	0.22	0.36	0.36	0.42	0.44	0.44	0.53	0.64	0.61	0.64	0.77	0.64	0.69	0.44	0.40	0.28	0.21
	0.00	1.63	0.75	0.78	1.21	3.44	5.08	5.67	5.54	5.57	5.38	5.23	2.41	4.73	1.21	0.00	1.21	2.51	4.01	4.17	5.17	1.20	1.20	1.07
ALBANY_1_SOLAR	35.50	31.88	30.70	29.23	29.88	31.44	39.93	43.80	44.71	44.43	45.79	47.16	47.42	51.51	51.43	53.97	52.90	56.31	50.91	52.94	48.41	43.61	40.10	35.94
323833	-0.47	-0.42	-0.34	-0.35	-0.33	-0.35	-0.44	-0.44	-0.50	-0.45	-0.75	-0.82	-0.93	-1.01	-0.95	-0.83	-0.70	-0.64	-0.53	-0.64	-0.49	-0.40	0.56	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.30	0.36	0.40	0.36	0.36	0.37	0.60	0.63	4.55	7.52	6.96	4.27	0.03	0.00	0.27	0.17
ALBANY_2_SOLAR	35.50	31.85	30.70	29.23	29.88	31.41	39.93	43.80	44.71	44.43	45.75	47.11	47.37	51.51	51.43	53.97	52.91	56.26	50.92	52.95	48.41	43.57	40.10	35.91
323834	-0.47	-0.45	-0.34	-0.35	-0.33	-0.38	-0.44	-0.44	-0.50	-0.45	-0.80	-0.87	-0.97	-1.01	-0.95	-0.83	-0.70	-0.71	-0.53	-0.64	-0.49	-0.44	0.56	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.30	0.36	0.40	0.36	0.36	0.37	0.60	0.63	4.54	7.51	6.95	4.26	0.03	0.00	0.27	0.17
ALBANY___1	35.25	31.62	30.45	29.05	29.70	31.28	39.64	43.51	44.36	43.95	45.48	46.81	47.17	51.26	50.93	53.40	50.47	52.35	47.24	50.45	48.04	43.26	38.92	35.07
23571	-0.72	-0.68	-0.59	-0.53	-0.51	-0.51	-0.73	-0.71	-0.68	-0.72	-0.84	-0.97	-0.97	-1.06	-1.11	-1.05	-0.99	-1.10	-0.99	-1.16	-0.88	-0.75	-0.48	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.47	0.56	0.62	0.56	0.55	0.57	0.94	0.98	6.69	11.03	10.16	6.24	0.00	0.00	0.42	0.26

ALBANY___2 23572	35.25 -0.72 0.00	31.62 -0.68 0.00	30.45 -0.59 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.64 -0.73 0.00	43.51 -0.71 0.08	44.36 -0.68 0.47	43.95 -0.72 0.56	45.48 -0.84 0.62	46.81 -0.97 0.56	47.17 -0.97 0.55	51.26 -1.06 0.57	50.93 -1.11 0.94	53.40 -1.05 0.98	50.47 -0.99 0.69	52.35 -1.10 11.03	47.24 -0.99 10.16	50.45 -1.16 6.24	48.04 -0.88 0.00	43.26 -0.75 0.00	38.92 -0.48 0.42	35.07 -0.32 0.26
ALBANY___3 23573	35.25 -0.72 0.00	31.62 -0.68 0.00	30.45 -0.59 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.64 -0.73 0.00	43.51 -0.71 0.08	44.36 -0.68 0.47	43.95 -0.72 0.56	45.48 -0.84 0.62	46.81 -0.97 0.56	47.17 -0.97 0.55	51.26 -1.06 0.57	50.93 -1.11 0.94	53.40 -1.05 0.98	50.47 -0.99 0.69	52.35 -1.10 11.03	47.24 -0.99 10.16	50.45 -1.16 6.24	48.04 -0.88 0.00	43.26 -0.75 0.00	38.92 -0.48 0.42	35.07 -0.32 0.26
ALBANY___4 23574	35.25 -0.72 0.00	31.62 -0.68 0.00	30.45 -0.59 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.64 -0.73 0.00	43.51 -0.71 0.08	44.36 -0.68 0.47	43.95 -0.72 0.56	45.48 -0.84 0.62	46.81 -0.97 0.56	47.17 -0.97 0.55	51.26 -1.06 0.57	50.93 -1.11 0.94	53.40 -1.05 0.98	50.47 -0.99 0.69	52.35 -1.10 11.03	47.24 -0.99 10.16	50.45 -1.16 6.24	48.04 -0.88 0.00	43.26 -0.75 0.00	38.92 -0.48 0.42	35.07 -0.32 0.26
ALBANY___LFGE 323615	35.64 -0.32 0.00	31.98 -0.32 0.00	30.79 -0.25 0.00	29.35 -0.24 0.00	30.03 -0.18 0.00	31.63 -0.16 0.00	40.13 -0.24 0.00	43.98 -0.22 0.09	44.80 -0.18 0.52	44.52 -0.09 0.63	45.93 -0.33 0.69	47.37 -0.34 0.63	47.69 -0.39 0.62	51.83 -0.42 0.63	51.57 -0.37 1.05	54.06 -0.28 1.09	51.48 -0.23 0.64	53.67 -0.26 10.55	48.59 -0.23 9.58	51.46 -0.46 5.91	48.63 -0.24 0.05	43.79 -0.22 0.00	39.31 -0.04 0.47	35.29 -0.07 0.29
ALCOA_PA_115KV_PL-6C 55860	36.43 0.47 0.00	48.36 0.42 -15.64	38.67 0.40 -7.23	37.43 0.36 -7.49	42.19 0.39 -11.58	65.16 0.38 -32.99	89.58 0.48 -48.72	99.28 0.53 -54.46	99.31 0.64 -53.17	99.42 0.68 -53.50	99.30 0.70 -51.65	99.28 0.73 -50.22	72.59 0.73 -23.16	99.09 0.85 -45.36	65.52 0.95 -11.58	56.48 1.05 0.00	70.83 1.10 -11.58	89.82 1.29 -24.06	97.90 1.05 -38.45	98.96 1.10 -40.02	99.30 0.78 -49.60	56.31 0.75 -11.56	51.93 0.56 -11.56	46.38 0.50 -10.23
ALCOA_RYNLDS___DRP 24188	36.43 0.47 0.00	48.36 0.42 -15.64	38.67 0.40 -7.23	37.43 0.36 -7.49	42.19 0.39 -11.58	65.16 0.38 -32.99	89.58 0.48 -48.72	99.28 0.53 -54.46	99.31 0.64 -53.17	99.42 0.68 -53.50	99.30 0.70 -51.65	99.28 0.73 -50.22	72.59 0.73 -23.16	99.09 0.85 -45.36	65.52 0.95 -11.58	56.48 1.05 0.00	70.83 1.10 -11.58	89.82 1.29 -24.06	97.90 1.05 -38.45	98.96 1.10 -40.02	99.30 0.78 -49.60	56.31 0.75 -11.56	51.93 0.56 -11.56	46.38 0.50 -10.23
ALCOA___DSASP 323711	36.43 0.47 0.00	48.36 0.42 -15.64	38.67 0.40 -7.23	37.43 0.36 -7.49	42.18 0.39 -11.58	65.17 0.38 -32.99	89.58 0.49 -48.72	99.28 0.53 -54.46	99.23 0.55 -53.17	99.23 0.50 -53.50	99.20 0.61 -51.65	99.14 0.58 -50.22	72.50 0.63 -23.16	98.93 0.69 -45.36	65.31 0.74 -11.58	56.26 0.83 0.00	70.66 0.93 -11.58	89.61 1.10 -24.04	97.75 0.93 -38.42	98.76 0.92 -39.99	99.17 0.68 -49.56	56.30 0.75 -11.55	51.92 0.56 -11.55	46.38 0.50 -10.23
ALLEGHENY___COGEN 23514	39.62 2.45 -1.21	35.68 2.45 -0.93	33.84 2.08 -0.72	32.32 2.04 -0.69	32.97 2.02 -0.74	35.43 2.35 -1.29	44.89 3.03 -1.49	50.80 3.54 -2.97	51.23 3.10 -2.62	49.42 2.04 -2.14	51.99 2.25 -2.80	53.00 1.94 -2.72	53.33 1.85 -2.78	57.16 1.96 -2.32	57.37 1.80 -2.58	59.58 1.55 -2.60	62.78 1.69 -2.94	70.20 2.32 -3.41	64.80 3.44 -2.95	65.07 4.22 -3.01	54.47 3.28 -2.27	48.58 2.82 -1.76	43.55 2.39 -1.35	39.06 2.32 -1.09
ALTAMONT_115KV_TB 2 55880	35.97 0.00 0.00	32.27 -0.03 0.00	31.07 0.03 0.00	29.62 0.03 0.00	30.27 0.06 0.00	31.82 0.03 0.00	40.41 0.04 0.00	44.38 0.13 0.05	45.26 0.05 0.29	44.94 0.05 0.35	46.56 0.00 0.38	47.89 -0.10 0.35	48.26 -0.10 0.34	52.43 -0.11 0.35	52.24 -0.16 0.58	54.77 -0.06 0.61	54.83 0.06 3.37	59.03 0.06 5.51	53.49 0.06 4.97	54.65 -0.12 3.07	48.92 0.00 0.00	44.05 0.04 0.00	39.79 0.24 0.26	35.77 0.29 0.16
ALTONA_WT_PWR 323606	36.68 0.72 0.00	33.67 0.55 -0.82	31.88 0.47 -0.38	30.39 0.41 -0.39	31.27 0.45 -0.61	34.03 0.51 -1.74	42.94 0.00 -2.57	46.27 -0.89 -2.87	46.58 -1.73 -2.80	46.52 -1.54 -2.82	48.11 -1.55 -2.72	48.71 -2.27 -2.64	48.61 -1.31 -1.22	53.32 -1.96 -2.39	52.11 -1.48 -0.61	53.99 -1.44 0.00	57.48 -1.28 -0.61	64.57 -1.16 -1.26	59.53 -0.87 -2.01	58.78 -1.16 -2.09	50.48 -1.03 -2.59	44.88 0.27 -0.60	41.21 0.80 -0.60	36.72 0.54 -0.53
AMERICAN_REF_FUEL 24010	37.63 0.61 -1.05	34.11 1.00 -0.81	32.22 0.56 -0.63	30.87 0.68 -0.60	31.37 0.51 -0.64	33.54 0.64 -1.12	41.82 0.16 -1.29	46.91 0.04 -2.58	47.92 0.14 -2.28	46.20 -0.90 -1.86	49.09 -0.28 -2.43	50.42 -0.29 -2.37	50.87 -0.24 -2.42	54.64 -0.26 -2.01	54.70 -0.53 -2.24	56.08 -1.61 -2.26	58.27 -2.44 -2.56	64.08 -3.36 -2.96	58.57 -2.40 -2.57	58.90 -1.56 -2.62	49.52 -1.37 -1.97	44.39 -1.14 -1.53	40.11 -0.88 -1.17	36.63 0.04 -0.95
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.95 1.90 -1.08	35.20 2.07 -0.83	33.33 1.64 -0.65	31.95 1.75 -0.62	32.59 1.72 -0.66	34.88 1.94 -1.15	43.84 2.14 -1.33	49.47 2.52 -2.65	50.45 2.59 -2.35	48.74 1.58 -1.92	51.65 2.21 -2.50	53.01 2.22 -2.44	53.43 2.24 -2.49	57.34 2.38 -2.08	57.42 2.12 -2.31	58.98 1.22 -2.33	61.37 0.58 -2.64	67.53 0.00 -3.05	61.80 0.76 -2.64	62.16 1.62 -2.69	51.83 0.88 -2.03	46.37 0.79 -1.57	41.82 0.80 -1.21	38.02 1.39 -0.98
ARTHUR KILL_GT_1 23520	27.98 1.55 9.54	24.61 0.84 8.53	23.22 0.74 8.56	23.17 0.62 7.04	23.14 0.60 7.68	24.12 0.73 8.40	23.78 1.01 17.60	25.06 1.02 20.25	25.63 0.82 20.70	25.06 0.95 21.13	25.99 1.17 22.12	25.77 0.97 23.53	26.56 0.97 23.12	28.01 1.11 25.98	33.87 1.01 20.12	35.25 1.44 21.62	38.31 1.74 21.59	39.57 1.68 26.59	42.01 1.64 18.02	42.02 1.39 17.21	35.24 1.03 14.71	30.72 1.19 14.48	28.93 1.63 12.51	27.52 1.32 9.45
ARTHUR_KILL_2 23512	27.83 1.40 9.54	24.45 0.68 8.53	23.10 0.62 8.56	23.05 0.50 7.04	23.02 0.48 7.68	24.03 0.64 8.40	23.62 0.85 17.60	24.84 0.80 20.25	25.39 0.59 20.70	25.15 1.04 21.13	25.66 0.85 22.12	25.72 0.92 23.53	26.41 0.83 23.12	27.86 0.95 25.98	33.75 0.90 20.13	35.13 1.33 21.62	38.18 1.63 21.59	39.69 1.80 26.59	41.83 1.46 18.03	41.84 1.22 17.22	35.20 0.93 14.65	30.54 1.01 14.48	28.77 1.47 12.51	27.41 1.21 9.45
ARTHUR_KILL_3 23513	27.68 1.26 9.54	24.70 0.94 8.54	23.34 0.87 8.57	23.34 0.80 7.04	23.31 0.78 7.69	24.37 0.99 8.40	24.14 1.37 17.60	25.63 1.59 20.25	26.21 1.41 20.71	25.91 1.81 21.14	26.50 1.69 22.13	26.54 1.74 23.54	27.23 1.66 23.12	28.75 1.85 25.99	34.54 1.70 20.14	35.90 2.11 21.63	38.99 2.44 21.60	40.52 2.64 26.60	42.52 2.16 18.04	42.52 1.91 17.23	35.73 1.47 14.66	30.93 1.41 14.49	29.00 1.71 12.52	27.62 1.43 9.46

ARTHUR_KILL_COGEN 323718	27.94 1.51 9.54	24.58 0.81 8.53	23.19 0.71 8.56	23.17 0.62 7.04	23.14 0.60 7.68	24.12 0.73 8.40	23.78 1.01 17.60	25.02 0.97 20.25	25.53 0.73 20.70	25.28 1.17 21.13	25.85 1.03 22.12	25.87 1.06 23.53	26.56 0.97 23.12	28.07 1.16 25.98	33.97 1.11 20.13	35.30 1.50 21.62	38.41 1.86 21.59	39.95 2.06 26.59	42.06 1.69 18.03	42.07 1.45 17.22	35.39 1.13 14.65	30.72 1.19 14.48	28.89 1.59 12.51	27.55 1.35 9.45
ASHOKAN____ 23654	36.94 0.97 0.00	32.98 0.68 0.00	31.69 0.65 0.00	30.03 0.44 0.00	30.63 0.42 0.00	32.27 0.48 0.00	41.14 0.77 0.00	46.46 2.17 0.00	47.60 2.09 0.00	47.18 1.94 0.00	48.30 1.36 0.00	49.65 1.31 0.00	49.92 1.22 0.00	54.47 1.59 0.00	54.47 1.48 0.00	57.26 1.83 0.00	57.67 2.38 2.86	62.34 2.77 4.91	56.69 3.21 4.92	58.27 3.35 2.93	49.95 1.03 0.00	45.19 1.19 0.00	42.28 2.47 0.00	37.64 2.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.66 1.69 -0.01	33.57 1.26 -0.01	32.19 1.15 -0.01	30.66 1.06 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.62 0.00	45.83 1.42 -0.12	47.43 1.18 -0.74	47.76 1.63 -0.89	49.32 1.41 -0.98	50.73 1.50 -0.89	50.94 1.36 -0.88	55.37 1.59 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.63 2.45 -1.70	60.73 2.04 -0.29	60.17 1.85 -0.47	50.35 1.37 -0.06	45.64 1.63 0.00	42.60 2.11 -0.67	37.89 1.82 -0.42
ASTORIA_EAST_ENERGY_CC2 323582	37.63 1.66 -0.01	33.54 1.23 -0.01	32.19 1.15 -0.01	30.66 1.06 -0.01	31.28 1.06 -0.01	33.07 1.27 -0.01	41.99 1.62 0.00	45.79 1.37 -0.12	47.39 1.14 -0.74	47.72 1.58 -0.89	49.32 1.41 -0.98	50.68 1.45 -0.89	50.94 1.36 -0.88	55.37 1.59 -0.90	55.91 1.43 -1.49	58.76 1.77 -1.55	61.71 2.15 -1.41	68.63 2.45 -1.70	60.68 1.99 -0.29	60.11 1.80 -0.47	50.35 1.37 -0.06	45.59 1.58 0.00	42.56 2.07 -0.67	37.85 1.78 -0.42
ASTORIA_GT2_1 24094	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT2_2 24095	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT2_3 24096	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT2_4 24097	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT3_1 24098	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT3_2 24099	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT3_3 24100	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT3_4 24101	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT4_1 24102	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT4_2 24103	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT4_3 24104	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42

ASTORIA_GT4_4 24105	37.66 1.69 -0.01	33.60 1.29 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.53 1.27 -0.75	47.55 1.40 -0.90	49.43 1.50 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.63 2.45 -1.71	60.62 1.93 -0.30	60.06 1.74 -0.48	50.20 1.27 0.00	45.63 1.63 0.00	42.60 2.11 -0.67	37.82 1.75 -0.42
ASTORIA_GT_1 23523	37.74 1.76 -0.01	33.67 1.36 -0.01	32.29 1.24 -0.01	30.72 1.12 -0.01	31.37 1.15 -0.01	33.16 1.37 -0.01	42.11 1.74 0.00	46.01 1.59 -0.12	47.62 1.37 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	56.02 1.54 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.83 2.64 -1.71	60.80 2.10 -0.30	60.23 1.91 -0.48	50.34 1.42 0.00	45.72 1.72 0.00	42.72 2.23 -0.67	37.92 1.85 -0.42
ASTORIA_GT_10 24110	37.51 1.55 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	46.01 1.59 -0.12	47.67 1.41 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	55.97 1.48 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.57 2.39 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.50 1.50 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
ASTORIA_GT_11 24225	37.51 1.55 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	46.01 1.59 -0.12	47.67 1.41 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	55.97 1.48 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.57 2.39 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.50 1.50 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
ASTORIA_GT_12 24226	37.51 1.55 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	46.01 1.59 -0.12	47.67 1.41 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	55.97 1.48 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.57 2.39 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.50 1.50 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
ASTORIA_GT_13 24227	37.51 1.55 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	46.01 1.59 -0.12	47.67 1.41 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	55.97 1.48 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.57 2.39 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.50 1.50 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
ASTORIA_GT_5 24106	37.74 1.76 -0.01	33.67 1.36 -0.01	32.29 1.24 -0.01	30.72 1.12 -0.01	31.37 1.15 -0.01	33.16 1.37 -0.01	42.11 1.74 0.00	46.01 1.59 -0.12	47.62 1.37 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	56.02 1.54 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.83 2.64 -1.71	60.80 2.10 -0.30	60.23 1.91 -0.48	50.34 1.42 0.00	45.72 1.72 0.00	42.72 2.23 -0.67	37.92 1.85 -0.42
ASTORIA_GT_7 24107	37.74 1.76 -0.01	33.67 1.36 -0.01	32.29 1.24 -0.01	30.72 1.12 -0.01	31.37 1.15 -0.01	33.16 1.37 -0.01	42.11 1.74 0.00	46.01 1.59 -0.12	47.62 1.37 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	56.02 1.54 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.83 2.64 -1.71	60.80 2.10 -0.30	60.23 1.91 -0.48	50.34 1.42 0.00	45.72 1.72 0.00	42.72 2.23 -0.67	37.92 1.85 -0.42
ASTORIA_GT_8 24108	37.74 1.76 -0.01	33.67 1.36 -0.01	32.29 1.24 -0.01	30.72 1.12 -0.01	31.37 1.15 -0.01	33.16 1.37 -0.01	42.11 1.74 0.00	46.01 1.59 -0.12	47.62 1.37 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	56.02 1.54 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.83 2.64 -1.71	60.80 2.10 -0.30	60.23 1.91 -0.48	50.34 1.42 0.00	45.72 1.72 0.00	42.72 2.23 -0.67	37.92 1.85 -0.42
ASTORIA___2 24149	37.66 1.69 -0.01	33.57 1.26 -0.01	32.19 1.15 -0.01	30.66 1.06 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.62 0.00	45.83 1.42 -0.12	47.43 1.18 -0.74	47.76 1.63 -0.89	49.32 1.41 -0.98	50.73 1.50 -0.89	50.94 1.36 -0.88	55.37 1.59 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.63 2.45 -1.70	60.73 2.04 -0.29	60.17 1.85 -0.47	50.35 1.37 -0.06	45.64 1.63 0.00	42.60 2.11 -0.67	37.89 1.82 -0.42
ASTORIA___3 23516	37.51 1.55 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	45.92 1.51 -0.12	47.58 1.32 -0.75	47.91 1.76 -0.90	49.47 1.55 -0.99	50.83 1.59 -0.89	51.09 1.51 -0.88	55.53 1.74 -0.90	56.01 1.54 -1.49	58.92 1.94 -1.55	61.82 2.27 -1.41	68.69 2.51 -1.70	60.73 2.04 -0.29	60.11 1.80 -0.47	50.35 1.37 -0.06	45.50 1.50 0.00	42.35 1.87 -0.67	37.67 1.61 -0.41
ASTORIA___4 23517	37.51 1.55 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	46.01 1.59 -0.12	47.67 1.41 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	55.97 1.48 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.57 2.39 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.50 1.50 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
ASTORIA___5 23518	37.51 1.55 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	45.92 1.51 -0.12	47.58 1.32 -0.75	47.91 1.76 -0.90	49.47 1.55 -0.99	50.83 1.59 -0.89	51.09 1.51 -0.88	55.53 1.74 -0.90	56.01 1.54 -1.49	58.92 1.94 -1.55	61.82 2.27 -1.41	68.69 2.51 -1.70	60.73 2.04 -0.29	60.11 1.80 -0.47	50.35 1.37 -0.06	45.50 1.50 0.00	42.35 1.87 -0.67	37.67 1.61 -0.41
AST_ENERGY_2_CC3 323677	27.14 1.29 10.12	25.21 0.90 7.99	25.21 0.81 6.63	25.21 0.74 5.12	25.21 0.76 5.76	25.21 0.95 7.53	25.21 1.21 16.37	25.21 0.93 20.01	26.96 0.68 19.24	27.42 1.17 18.99	30.47 0.94 17.41	33.91 0.97 15.39	34.19 0.88 15.39	36.40 1.06 17.54	37.66 0.90 16.22	39.73 1.28 16.98	40.65 1.57 19.07	47.52 1.80 18.76	39.56 1.40 20.24	38.94 1.22 20.12	29.18 0.88 20.62	26.64 1.19 18.55	26.64 1.71 14.88	26.64 1.43 10.44
AST_ENERGY_2_CC4 323678	27.14 1.29 10.12	25.21 0.90 7.99	25.21 0.81 6.63	25.21 0.74 5.12	25.21 0.76 5.76	25.21 0.95 7.53	25.21 1.21 16.37	25.21 0.93 20.01	26.96 0.68 19.24	27.42 1.17 18.99	30.47 0.94 17.41	33.91 0.97 15.39	34.19 0.88 15.39	36.40 1.06 17.54	37.66 0.90 16.22	39.73 1.28 16.98	40.65 1.57 19.07	47.52 1.80 18.76	39.56 1.40 20.24	38.94 1.22 20.12	29.18 0.88 20.62	26.64 1.19 18.55	26.64 1.71 14.88	26.64 1.43 10.44

ATHENS_STG_1 23668	36.25 0.29 0.00	32.53 0.23 0.00	31.32 0.28 0.00	29.85 0.27 0.00	30.51 0.30 0.00	32.01 0.22 0.00	40.69 0.32 0.00	44.75 0.40 -0.06	46.16 0.32 -0.33	46.14 0.50 -0.40	47.75 0.37 -0.44	49.12 0.38 -0.40	49.43 0.34 -0.39	53.66 0.37 -0.40	53.91 0.27 -0.66	56.56 0.44 -0.69	59.41 0.64 -0.62	65.94 0.71 -0.75	59.00 0.47 -0.13	58.35 0.29 -0.21	49.34 0.39 -0.03	44.36 0.35 0.00	40.67 0.56 -0.29	36.26 0.43 -0.18
ATHENS_STG_2 23670	36.25 0.29 0.00	32.53 0.23 0.00	31.32 0.28 0.00	29.85 0.27 0.00	30.51 0.30 0.00	32.01 0.22 0.00	40.69 0.32 0.00	44.75 0.40 -0.06	46.16 0.32 -0.33	46.14 0.50 -0.40	47.75 0.37 -0.44	49.12 0.38 -0.40	49.43 0.34 -0.39	53.66 0.37 -0.40	53.91 0.27 -0.66	56.56 0.44 -0.69	59.41 0.64 -0.62	65.94 0.71 -0.75	59.00 0.47 -0.13	58.35 0.29 -0.21	49.34 0.39 -0.03	44.36 0.35 0.00	40.67 0.56 -0.29	36.26 0.43 -0.18
ATHENS_STG_3 23677	36.25 0.29 0.00	32.53 0.23 0.00	31.32 0.28 0.00	29.85 0.27 0.00	30.51 0.30 0.00	32.01 0.22 0.00	40.69 0.32 0.00	44.75 0.40 -0.06	46.16 0.32 -0.33	46.14 0.50 -0.40	47.75 0.37 -0.44	49.12 0.38 -0.40	49.43 0.34 -0.39	53.66 0.37 -0.40	53.91 0.27 -0.66	56.56 0.44 -0.69	59.41 0.64 -0.62	65.94 0.71 -0.75	59.00 0.47 -0.13	58.35 0.29 -0.21	49.34 0.39 -0.03	44.36 0.35 0.00	40.67 0.56 -0.29	36.26 0.43 -0.18
AUBURN___LFGE 323710	38.82 0.50 -2.35	34.79 0.48 -2.01	32.91 0.37 -1.50	31.41 0.38 -1.44	32.19 0.39 -1.59	35.20 0.48 -2.94	44.55 0.65 -3.54	51.62 0.84 -6.48	52.13 0.82 -5.81	50.85 0.72 -4.88	53.82 0.75 -6.12	55.10 0.82 -5.94	55.21 0.83 -5.68	58.82 0.85 -5.08	58.86 0.74 -5.14	61.06 0.61 -5.02	64.57 0.58 -5.84	71.98 0.58 -6.93	65.52 0.88 -6.24	65.20 0.98 -6.37	54.82 0.83 -5.06	48.18 0.62 -3.56	43.02 0.44 -2.77	38.30 0.39 -2.26
BABYLON_RES_REC 323704	37.15 1.19 0.00	32.88 0.58 0.00	31.53 0.50 0.00	29.79 0.21 0.01	30.42 0.21 0.01	32.52 0.73 0.00	41.58 1.21 0.00	45.30 0.89 -0.12	46.65 0.59 -0.55	46.89 0.99 -0.66	47.23 0.42 0.13	47.71 0.43 1.07	47.45 0.34 1.59	47.40 0.47 5.96	50.35 0.32 2.96	50.68 0.67 5.42	55.34 0.75 3.56	67.01 0.84 -1.69	55.33 0.76 3.83	51.53 0.52 6.83	44.76 0.34 4.51	44.48 0.75 0.27	41.51 1.03 -0.66	37.24 1.17 -0.41
BALL_HILL_WT_PWR 323825	38.58 1.55 -1.07	34.87 1.74 -0.82	32.92 1.24 -0.64	31.56 1.36 -0.61	32.17 1.30 -0.66	34.39 1.46 -1.14	42.94 1.25 -1.32	48.38 1.46 -2.63	49.43 1.59 -2.33	47.73 0.59 -1.90	50.59 1.17 -2.48	51.96 1.21 -2.42	52.43 1.26 -2.46	56.26 1.32 -2.05	56.33 1.06 -2.29	57.90 0.17 -2.30	60.23 -0.52 -2.61	66.46 -1.03 -3.02	60.84 -0.17 -2.62	61.15 0.64 -2.67	51.18 0.25 -2.01	45.74 0.18 -1.56	41.21 0.20 -1.19	37.54 0.93 -0.97
BARON_WINDS___WT_PWR 323822	38.33 1.08 -1.29	34.42 1.13 -0.99	32.58 0.78 -0.77	31.18 0.86 -0.73	31.81 0.82 -0.79	34.11 0.95 -1.37	42.84 0.89 -1.58	48.56 1.11 -3.16	49.48 1.18 -2.79	48.02 0.50 -2.28	50.72 0.80 -2.98	51.87 0.63 -2.90	52.25 0.59 -2.96	55.99 0.64 -2.47	56.21 0.48 -2.75	58.14 -0.06 -2.77	60.88 -0.40 -3.14	67.46 -0.64 -3.63	61.78 0.23 -3.15	61.86 0.81 -3.21	51.78 0.44 -2.42	46.14 0.27 -1.87	41.45 0.20 -1.44	37.46 0.64 -1.17
BARRETT_IC_1 23704	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_10 23701	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_11 23702	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_12 23703	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_2 23705	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_3 23706	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_4 23707	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_5 23708	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41

BARRETT_IC_6 23709	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_7 23710	37.12 1.15 0.00	32.98 0.68 0.00	31.63 0.59 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.58 1.21 0.00	45.25 0.84 -0.12	46.70 0.46 -0.74	46.67 0.54 -0.88	48.71 0.84 -0.93	49.87 0.73 -0.80	50.16 0.68 -0.78	54.25 0.74 -0.62	54.91 0.64 -1.29	57.67 1.00 -1.24	60.55 1.22 -1.18	67.53 1.35 -1.70	59.56 1.05 -0.11	58.80 0.81 -0.14	49.20 0.49 0.21	44.52 0.53 0.02	41.55 1.07 -0.66	37.13 1.07 -0.41
BARRETT_IC_8 23711	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT_IC_9 23700	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT___1 23545	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BARRETT___2 23546	37.12 1.15 0.00	32.95 0.65 0.00	31.60 0.56 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.55 0.76 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.61 0.36 -0.74	46.94 0.82 -0.88	48.57 0.71 -0.93	49.96 0.82 -0.80	50.21 0.73 -0.78	54.35 0.84 -0.62	54.96 0.69 -1.29	57.72 1.05 -1.24	60.67 1.34 -1.18	67.66 1.48 -1.70	59.61 1.11 -0.11	58.86 0.87 -0.14	49.32 0.54 0.15	44.56 0.57 0.02	41.43 0.95 -0.66	37.13 1.07 -0.41
BATAVIA__115KV_TB1 55881	38.92 1.91 -1.05	35.10 2.00 -0.80	33.31 1.64 -0.62	31.93 1.75 -0.60	32.48 1.63 -0.64	34.77 1.88 -1.11	43.79 2.14 -1.28	49.16 2.30 -2.56	49.68 1.91 -2.27	48.63 1.54 -1.85	51.00 1.64 -2.42	52.82 2.13 -2.35	53.05 1.95 -2.40	56.84 1.96 -2.00	57.01 1.80 -2.23	58.62 0.94 -2.24	61.15 0.47 -2.54	67.88 0.45 -2.95	62.24 1.28 -2.56	62.30 1.85 -2.61	52.45 1.57 -1.96	46.94 1.41 -1.52	42.29 1.31 -1.17	38.02 1.43 -0.95
BAYONEEC___CTG1 323682	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG10 323750	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG2 323683	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG3 323684	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG4 323685	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG5 323686	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG6 323687	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG7 323688	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41

BAYONEEC___CTG8 323689	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BAYONEEC___CTG9 323749	37.45 1.48 -0.01	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.97 1.18 0.00	41.99 1.62 0.00	46.24 1.82 -0.13	47.90 1.64 -0.75	48.22 2.08 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.96 2.17 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
BEACON___LESR 323632	35.72 -0.25 0.00	32.04 -0.26 0.00	30.82 -0.22 0.00	29.38 -0.21 0.00	30.06 -0.15 0.00	31.69 -0.10 0.00	40.25 -0.12 0.00	44.12 -0.09 0.08	44.96 -0.05 0.50	44.68 0.05 0.60	46.05 -0.23 0.66	47.50 -0.24 0.60	47.77 -0.34 0.59	51.91 -0.37 0.61	51.67 -0.32 1.00	54.16 -0.22 1.05	50.63 -0.12 7.40	52.19 -0.06 12.22	47.11 0.00 11.29	50.69 -0.23 6.93	48.78 -0.10 0.04	43.92 -0.09 0.00	39.45 0.08 0.45	35.41 0.04 0.28
BEAVER RIVER___HYD 24048	37.60 0.68 -0.96	37.64 0.52 -4.82	33.99 0.50 -2.46	32.50 0.41 -2.50	34.25 0.42 -3.61	42.07 0.64 -9.65	55.38 1.09 -13.92	62.21 1.33 -16.59	62.86 1.36 -15.98	62.06 1.13 -15.69	63.70 1.03 -15.73	64.59 0.97 -15.28	58.11 1.17 -8.25	67.84 1.27 -13.69	59.21 1.16 -5.06	58.86 1.39 -2.04	64.83 1.34 -5.35	75.89 2.00 -9.41	72.97 1.87 -12.70	73.03 2.02 -13.16	65.57 1.71 -14.94	49.96 1.32 -4.63	45.06 1.00 -4.25	40.07 0.75 -3.67
BEEBEE_GT_13 23619	37.80 0.83 -1.01	33.98 0.90 -0.77	32.35 0.71 -0.60	30.93 0.77 -0.57	31.52 0.69 -0.62	33.69 0.83 -1.07	42.58 0.97 -1.24	47.87 1.11 -2.47	48.60 0.91 -2.18	47.80 0.77 -1.79	50.16 0.89 -2.33	51.81 1.21 -2.27	52.13 1.12 -2.31	55.92 1.11 -1.93	56.14 1.01 -2.15	58.15 0.55 -2.16	60.71 0.12 -2.45	67.39 0.06 -2.84	61.39 0.53 -2.47	61.17 0.81 -2.51	51.55 0.73 -1.89	46.13 0.66 -1.47	41.46 0.52 -1.12	37.13 0.57 -0.91
BENSHRST_27_KV_BENSHRST_1 355998	37.91 1.94 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.50 0.92 0.00	31.15 0.94 0.00	32.87 1.08 0.00	41.82 1.45 0.00	45.92 1.51 -0.12	47.62 1.37 -0.75	47.59 1.45 -0.90	49.68 1.74 -1.00	50.83 1.60 -0.89	51.18 1.61 -0.88	55.58 1.61 -0.90	56.13 1.64 -1.50	59.09 2.11 -1.55	62.00 2.44 -1.41	68.57 2.39 -1.71	60.98 2.28 -0.30	60.35 2.02 -0.48	50.49 1.57 0.00	45.68 1.67 0.00	42.51 2.03 -0.67	37.77 1.71 -0.41
BETHLEHEM___GRP 23843	35.25 -0.72 0.00	31.62 -0.68 0.00	30.45 -0.59 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.64 -0.73 0.00	43.51 -0.71 0.08	44.36 -0.68 0.47	43.95 -0.72 0.56	45.48 -0.84 0.62	46.81 -0.97 0.56	47.17 -0.97 0.55	51.26 -1.06 0.57	50.93 -1.11 0.94	53.40 -1.05 0.98	50.47 -0.99 6.69	52.35 -1.10 11.03	47.24 -0.99 10.16	50.45 -1.16 6.24	48.04 -0.88 0.00	43.26 -0.75 0.00	38.92 -0.48 0.42	35.07 -0.32 0.26
BETHLEHEM___GS1 323560	35.25 -0.72 0.00	31.62 -0.68 0.00	30.45 -0.59 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.64 -0.73 0.00	43.46 -0.75 0.08	44.31 -0.73 0.47	44.04 -0.63 0.56	45.43 -0.89 0.62	46.86 -0.92 0.56	47.17 -0.97 0.55	51.26 -1.06 0.57	50.99 -1.06 0.94	53.46 -1.00 0.98	50.52 -0.93 6.69	52.41 -1.03 11.03	47.30 -0.94 10.16	50.45 -1.16 6.24	48.05 -0.83 0.04	43.26 -0.75 0.00	38.92 -0.48 0.42	34.93 -0.46 0.26
BETHLEHEM___GS2 323561	35.25 -0.72 0.00	31.62 -0.68 0.00	30.45 -0.59 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.64 -0.73 0.00	43.46 -0.75 0.08	44.31 -0.73 0.47	44.04 -0.63 0.56	45.43 -0.89 0.62	46.86 -0.92 0.56	47.17 -0.97 0.55	51.26 -1.06 0.57	50.99 -1.06 0.94	53.46 -1.00 0.98	50.52 -0.93 6.69	52.41 -1.03 11.03	47.30 -0.94 10.16	50.45 -1.16 6.24	48.05 -0.83 0.04	43.26 -0.75 0.00	38.92 -0.48 0.42	34.93 -0.46 0.26
BETHLEHEM___GS3 323562	35.25 -0.72 0.00	31.62 -0.68 0.00	30.45 -0.59 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.64 -0.73 0.00	43.46 -0.75 0.08	44.31 -0.73 0.47	44.04 -0.63 0.56	45.43 -0.89 0.62	46.86 -0.92 0.56	47.17 -0.97 0.55	51.26 -1.06 0.57	50.99 -1.06 0.94	53.46 -1.00 0.98	50.52 -0.93 6.69	52.41 -1.03 11.03	47.30 -0.94 10.16	50.45 -1.16 6.24	48.05 -0.83 0.04	43.26 -0.75 0.00	38.92 -0.48 0.42	34.93 -0.46 0.26
BETHLEHEM___STEEL 23779	38.48 1.44 -1.08	34.71 1.58 -0.82	32.76 1.09 -0.64	31.47 1.27 -0.61	32.05 1.18 -0.66	34.27 1.34 -1.14	42.86 1.17 -1.32	47.99 1.06 -2.64	48.70 0.86 -2.33	47.60 0.45 -1.91	50.04 0.61 -2.49	51.83 1.06 -2.42	52.05 0.88 -2.47	55.74 0.79 -2.06	55.97 0.69 -2.29	57.46 -0.28 -2.31	59.83 -0.93 -2.62	66.04 -1.48 -3.04	60.51 -0.53 -2.64	60.53 0.00 -2.69	51.04 0.10 -2.02	45.62 0.04 -1.57	41.14 0.12 -1.20	37.20 0.57 -0.98
BETHLHEM_115KV_TB1 79974	35.39 -0.58 0.00	31.75 -0.55 0.00	30.57 -0.47 0.00	29.14 -0.44 0.00	29.82 -0.39 0.00	31.37 -0.41 0.00	39.81 -0.57 0.00	43.64 -0.58 0.07	44.52 -0.55 0.44	44.12 -0.59 0.53	45.66 -0.70 0.58	47.04 -0.77 0.53	47.35 -0.83 0.52	51.45 -0.90 0.53	51.20 -0.90 0.88	53.68 -0.83 0.92	51.17 -0.76 6.22	53.39 -0.84 10.25	48.14 -0.82 9.44	51.06 -0.98 5.80	48.19 -0.73 0.00	43.43 -0.57 0.00	39.10 -0.32 0.39	35.23 -0.18 0.24
BETHPAGE_CC_5 323564	36.94 0.97 0.00	32.79 0.49 0.00	31.44 0.40 0.00	29.73 0.15 0.01	30.36 0.15 0.01	32.39 0.60 0.00	41.30 0.93 0.00	44.98 0.57 -0.12	46.44 0.36 -0.57	46.68 0.77 -0.68	47.55 0.66 0.04	48.20 0.77 0.91	47.99 0.68 1.39	48.27 0.79 5.41	51.03 0.64 2.60	51.58 1.00 4.85	56.27 1.28 3.16	67.59 1.42 -1.69	55.96 1.05 3.49	52.41 0.81 6.24	45.28 0.49 4.13	44.28 0.53 0.25	41.31 0.84 -0.66	37.06 1.00 -0.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.52 1.47 -1.08	34.71 1.58 -0.83	32.77 1.09 -0.64	31.47 1.27 -0.62	32.05 1.18 -0.66	34.27 1.34 -1.15	42.87 1.17 -1.32	48.18 1.24 -2.64	48.85 1.00 -2.34	47.79 0.63 -1.91	50.23 0.80 -2.49	51.98 1.21 -2.43	52.25 1.07 -2.48	55.91 0.95 -2.07	56.14 0.85 -2.30	57.53 -0.22 -2.32	59.96 -0.81 -2.63	66.18 -1.35 -3.06	60.64 -0.41 -2.65	60.72 0.17 -2.70	51.15 0.20 -2.03	45.67 0.09 -1.58	41.18 0.16 -1.21	37.20 0.57 -0.98
BINGHAMTON___COGEN 23790	37.96 0.68 -1.31	33.95 0.65 -1.00	32.32 0.50 -0.78	30.87 0.53 -0.75	31.56 0.54 -0.80	33.79 0.60 -1.39	42.63 0.65 -1.61	48.30 0.80 -3.21	49.08 0.73 -2.84	48.20 0.63 -2.32	50.67 0.70 -3.03	52.03 0.73 -2.97	52.41 0.68 -3.03	56.09 0.69 -2.52	56.38 0.58 -2.81	58.70 0.44 -2.83	61.70 0.35 -3.20	68.46 0.26 -3.72	62.15 0.53 -3.23	61.83 0.69 -3.29	51.99 0.59 -2.48	46.41 0.48 -1.92	41.68 0.40 -1.47	37.27 0.43 -1.20

BIXINCNT_115KV_LOAD 355685	38.50 1.44 -1.09	34.62 1.49 -0.84	32.65 0.96 -0.65	31.30 1.09 -0.62	31.85 0.97 -0.67	34.12 1.18 -1.16	42.76 1.05 -1.34	47.99 1.02 -2.68	48.56 0.68 -2.37	47.63 0.45 -1.93	49.93 0.47 -2.52	51.67 0.87 -2.46	51.94 0.73 -2.51	55.51 0.53 -2.09	55.69 0.37 -2.33	57.11 -0.67 -2.35	59.64 -1.16 -2.66	65.89 -1.68 -3.09	60.38 -0.70 -2.68	60.58 0.00 -2.73	50.88 -0.10 -2.06	45.38 -0.22 -1.59	40.96 -0.08 -1.22	37.00 0.36 -0.99
BLACK RIVER___HYD 24047	38.83 1.33 -1.54	37.42 1.06 -4.05	34.31 1.02 -2.25	32.72 0.89 -2.25	34.16 0.88 -3.07	40.70 1.21 -7.70	53.07 1.86 -10.84	60.33 2.26 -13.78	60.98 2.36 -13.11	59.79 1.99 -12.56	61.91 1.93 -13.05	62.85 1.84 -12.67	58.36 1.90 -7.77	66.16 2.01 -11.26	60.27 1.90 -5.38	60.87 2.16 -3.28	66.14 2.15 -5.84	76.73 2.77 -9.48	72.50 2.75 -11.36	72.57 3.01 -11.72	63.76 2.54 -12.29	50.68 1.93 -4.74	45.36 1.43 -4.11	40.32 1.17 -3.49
BLACKRVR_115KV_TB2 79977	38.83 1.33 -1.54	37.42 1.07 -4.05	34.28 0.99 -2.25	32.73 0.89 -2.25	34.16 0.88 -3.07	40.70 1.21 -7.70	53.07 1.86 -10.84	60.33 2.26 -13.78	60.94 2.32 -13.11	59.79 1.99 -12.56	61.87 1.88 -13.05	62.85 1.84 -12.67	58.37 1.90 -7.77	66.16 2.01 -11.26	60.28 1.91 -5.38	60.87 2.16 -3.28	66.14 2.15 -5.84	76.05 2.84 -8.74	72.01 2.80 -10.81	72.02 3.01 -11.17	63.46 2.54 -11.99	50.29 1.94 -4.35	45.08 1.43 -3.83	40.00 1.14 -3.21
BLDWN_LI_69_KV_BK4 356085	37.26 1.29 0.00	33.08 0.78 0.00	31.72 0.68 0.00	29.96 0.38 0.01	30.60 0.39 0.01	32.65 0.86 0.00	41.70 1.33 0.00	45.52 1.11 -0.12	47.01 0.86 -0.64	46.95 0.95 -0.76	48.56 1.27 -0.36	49.34 1.21 0.20	49.37 1.17 0.50	51.22 1.27 2.94	53.15 1.17 1.00	54.57 1.50 2.35	58.63 1.86 1.38	68.17 2.00 -1.70	58.08 1.69 2.01	55.67 1.45 3.62	47.39 1.03 2.56	44.82 0.97 0.16	41.83 1.35 -0.66	37.31 1.25 -0.41
BLISS_WT_PWR 323608	38.42 1.37 -1.09	34.66 1.52 -0.84	32.68 0.99 -0.65	31.24 1.03 -0.62	31.78 0.91 -0.67	34.06 1.11 -1.16	42.68 0.97 -1.34	48.12 1.15 -2.68	49.06 1.18 -2.37	47.54 0.36 -1.93	50.21 0.75 -2.52	51.62 0.82 -2.46	52.09 0.88 -2.51	55.77 0.79 -2.09	55.79 0.48 -2.33	57.28 -0.50 -2.35	59.70 -1.11 -2.66	65.81 -1.74 -3.07	60.19 -0.87 -2.67	60.68 0.12 -2.72	50.77 -0.19 -2.05	45.24 -0.35 -1.58	40.87 -0.16 -1.22	37.20 0.57 -0.99
BLUESTONE___WT_PWR 323821	38.93 1.83 -1.13	34.75 1.58 -0.87	33.17 1.46 -0.67	31.59 1.36 -0.64	32.29 1.39 -0.69	34.61 1.62 -1.20	43.98 2.22 -1.39	49.76 2.70 -2.77	50.83 2.87 -2.45	49.82 2.58 -2.00	52.23 2.67 -2.61	53.71 2.80 -2.57	54.09 2.77 -2.62	57.98 2.91 -2.18	58.22 2.81 -2.43	60.76 2.88 -2.45	63.77 2.85 -2.77	71.10 3.41 -3.21	64.39 3.47 -2.78	64.15 3.47 -2.84	53.95 2.89 -2.14	47.90 2.24 -1.66	42.92 1.83 -1.27	38.32 1.64 -1.03
BLUE_CIRC_CHEM_DRP 24182	35.17 -0.79 0.00	31.59 -0.71 0.00	30.45 -0.59 0.00	28.99 -0.59 0.00	29.64 -0.57 0.00	31.15 -0.64 0.00	39.56 -0.81 0.00	43.44 -0.80 0.05	44.34 -0.86 0.30	43.97 -0.90 0.36	45.51 -1.03 0.40	46.82 -1.16 0.36	47.13 -1.22 0.36	51.25 -1.27 0.36	51.06 -1.32 0.60	53.58 -1.22 0.63	52.55 -1.16 4.44	55.86 -1.29 7.33	50.52 -1.11 6.77	52.42 -1.27 4.15	47.94 -0.98 0.00	43.17 -0.84 0.00	39.83 0.28 0.27	35.91 0.43 0.17
BOC_GAS_DRP 24189	35.79 -0.18 0.00	32.14 -0.16 0.00	30.91 -0.12 0.00	29.47 -0.12 0.00	30.12 -0.09 0.00	31.66 -0.13 0.00	40.21 -0.16 0.00	44.11 -0.13 0.05	45.05 -0.18 0.28	44.73 -0.18 0.33	46.34 -0.23 0.36	47.72 -0.29 0.33	48.08 -0.29 0.33	52.23 -0.32 0.34	52.01 -0.42 0.55	54.58 -0.28 0.58	54.31 -0.23 3.60	58.30 -0.26 5.92	52.70 -0.29 5.41	54.05 -0.46 3.33	48.63 -0.29 0.00	43.83 -0.18 0.00	39.61 0.04 0.25	35.64 0.14 0.15
BOONVILLE_115KV_TB1 79983	37.17 0.65 -0.56	34.82 0.52 -2.00	32.59 0.50 -1.06	31.10 0.44 -1.07	32.17 0.45 -1.51	36.34 0.64 -3.92	46.93 0.97 -5.59	52.34 1.20 -6.85	53.35 1.27 -6.57	52.75 1.13 -6.38	54.56 1.13 -6.49	55.76 1.11 -6.31	53.57 1.27 -3.61	59.84 1.32 -5.63	56.66 1.32 -2.35	58.06 1.44 -1.19	62.12 1.45 -2.51	70.40 1.93 -3.99	65.44 1.81 -5.23	65.11 1.85 -5.42	56.58 1.61 -6.04	47.12 1.14 -1.97	42.51 0.92 -1.78	37.88 0.71 -1.52
BORALEX_4TH_BRANCH 23824	36.83 0.86 0.00	33.08 0.78 0.00	31.78 0.74 0.00	30.33 0.74 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.50 1.46 0.25	45.40 1.41 1.52	44.82 1.40 1.82	46.36 1.41 1.99	47.88 1.35 1.82	48.28 1.36 1.79	52.53 1.48 1.83	51.34 1.38 3.02	53.83 1.55 3.15	66.70 1.80 -6.76	79.59 2.06 -13.05	76.18 1.87 -15.92	68.27 1.56 -8.86	50.29 1.37 0.00	45.33 1.32 0.00	39.82 1.35 1.34	35.89 1.07 0.83
BOWLINE___1 23526	37.01 1.04 0.00	33.08 0.77 0.00	31.75 0.71 0.00	30.24 0.65 0.00	30.91 0.70 0.00	32.61 0.83 0.00	41.46 1.09 0.00	45.70 1.29 -0.12	47.36 1.14 -0.72	47.55 1.45 -0.86	49.19 1.31 -0.94	50.55 1.35 -0.86	50.81 1.26 -0.84	55.18 1.43 -0.87	55.68 1.27 -1.43	58.53 1.61 -1.49	61.41 1.92 -1.35	68.30 2.19 -1.63	60.50 1.81 -0.28	59.92 1.62 -0.46	50.26 1.27 -0.06	45.15 1.14 0.00	41.80 1.35 -0.63	37.18 1.14 -0.39
BOWLINE___2 23595	37.01 1.04 0.00	33.08 0.77 0.00	31.75 0.71 0.00	30.24 0.65 0.00	30.87 0.66 0.00	32.61 0.83 0.00	41.46 1.09 0.00	45.70 1.29 -0.12	47.36 1.14 -0.72	47.55 1.45 -0.86	49.19 1.31 -0.94	50.55 1.35 -0.86	50.81 1.26 -0.84	55.18 1.43 -0.87	55.68 1.27 -1.43	58.53 1.61 -1.49	61.41 1.92 -1.35	68.23 2.12 -1.63	60.43 1.75 -0.28	59.92 1.62 -0.46	50.21 1.22 -0.06	45.15 1.14 0.00	41.80 1.35 -0.63	37.15 1.11 -0.39
BRADY___115KV_TB2 356060	36.76 0.79 0.00	47.00 0.71 -13.99	38.16 0.65 -6.47	36.90 0.62 -6.70	41.21 0.63 -10.36	62.00 0.70 -29.52	84.92 0.97 -43.58	94.03 1.02 -48.71	94.16 1.09 -47.56	94.09 1.00 -47.86	94.13 0.99 -46.21	94.28 1.02 -44.92	70.40 0.97 -20.72	94.63 1.16 -40.58	64.62 1.27 -10.36	56.87 1.44 0.00	70.08 1.57 -10.36	87.93 1.93 -21.52	94.48 1.69 -34.39	95.38 1.74 -35.80	94.61 1.32 -44.37	55.53 1.19 -10.34	51.11 0.96 -10.34	45.58 0.78 -9.15
BRANSCOMB___SOLAR 323811	36.83 0.86 0.00	33.08 0.77 0.00	31.81 0.78 0.00	30.33 0.74 0.00	31.00 0.78 0.00	32.61 0.83 0.00	41.54 1.17 0.00	45.50 1.33 0.12	46.06 1.27 0.72	45.78 1.40 0.87	47.17 1.17 0.95	48.63 1.16 0.86	48.87 1.02 0.85	53.18 1.16 0.87	52.77 1.22 1.44	55.32 1.39 1.50	65.93 1.57 -6.22	77.64 1.80 -11.36	72.95 1.81 -12.73	66.75 1.62 -7.29	50.38 1.52 0.06	45.37 1.37 0.00	40.41 1.24 0.64	36.29 1.03 0.40
BRDGHMPT_69_KV_BK1 55812	37.44 1.47 0.00	33.04 0.74 0.00	31.69 0.65 0.00	29.79 0.21 0.01	30.41 0.21 0.01	32.58 0.79 0.00	41.70 1.33 0.00	45.56 1.15 -0.12	46.81 0.77 -0.53	46.59 0.72 -0.62	47.70 1.03 0.28	47.84 0.82 1.32	47.52 0.73 1.91	46.74 0.69 6.84	49.94 0.48 3.52	49.90 0.78 6.30	55.00 1.05 4.19	67.33 1.16 -1.69	54.87 0.82 4.35	50.61 0.52 7.76	44.02 0.24 5.15	43.83 0.13 0.31	41.07 0.60 -0.66	36.77 0.71 -0.41

BRENTWOD_69_KV_W. BRTWOOD 56703	37.33 1.37 0.00	33.04 0.74 0.00	31.69 0.65 0.00	29.87 0.30 0.01	30.51 0.30 0.01	32.65 0.86 0.00	41.82 1.45 0.00	45.56 1.15 -0.12	46.90 0.86 -0.53	46.78 0.90 -0.63	47.81 1.13 0.25	48.03 0.97 1.28	47.77 0.93 1.86	47.25 1.06 6.70	50.46 0.90 3.43	50.54 1.27 6.16	55.63 1.57 4.09	67.85 1.68 -1.69	55.48 1.34 4.26	51.39 1.16 7.61	44.70 0.83 5.06	44.50 0.79 0.30	41.91 1.43 -0.66	37.34 1.28 -0.41
BRISTLHL_115KV_TB1 79998	37.43 -0.04 -1.50	33.77 0.00 -1.47	32.02 -0.06 -1.04	30.57 -0.03 -1.01	31.34 -0.03 -1.15	34.06 0.00 -2.27	43.25 0.04 -2.84	49.22 0.13 -4.80	49.95 0.09 -4.35	49.05 0.05 -3.76	51.52 0.05 -4.53	52.78 0.05 -4.40	52.66 0.05 -3.91	56.68 0.00 -3.79	56.35 -0.05 -3.42	58.47 -0.17 -3.21	61.78 -0.23 -3.87	68.87 -0.32 -4.72	62.79 -0.06 -4.45	62.40 0.00 -4.55	52.75 0.00 -3.83	46.38 -0.04 -2.41	41.60 -0.12 -1.91	37.10 -0.11 -1.56
BROOKHAVEN___DRP 24191	36.79 0.83 0.00	32.53 0.23 0.00	31.19 0.16 0.00	29.37 -0.21 0.01	30.02 -0.18 0.01	32.14 0.35 0.00	41.18 0.81 0.00	44.94 0.53 -0.12	46.22 0.18 -0.53	46.09 0.23 -0.62	47.04 0.38 0.28	47.17 0.15 1.32	46.89 0.10 1.91	46.20 0.16 6.84	49.46 0.00 3.52	49.45 0.33 6.31	54.53 0.58 4.19	66.81 0.64 -1.69	54.46 0.41 4.35	50.25 0.17 7.76	43.82 0.05 5.15	43.79 0.09 0.31	41.23 0.76 -0.66	36.74 0.68 -0.41
BROOKLYN_NAVY_YARD 23515	37.44 1.48 0.00	33.40 1.10 0.00	32.03 0.99 0.00	30.50 0.92 0.00	31.12 0.91 0.00	32.93 1.14 0.00	41.99 1.62 0.00	46.28 1.86 -0.12	47.94 1.68 -0.75	48.27 2.13 -0.90	49.90 1.97 -0.99	51.27 2.03 -0.90	51.54 1.95 -0.89	56.01 2.22 -0.91	56.50 2.01 -1.50	59.49 2.50 -1.56	62.41 2.85 -1.41	69.28 3.09 -1.71	61.33 2.63 -0.30	60.64 2.32 -0.48	50.80 1.81 -0.07	45.72 1.71 0.00	42.43 1.95 -0.67	37.70 1.64 -0.41
BROOKLYN___ARMY_DRP 323595	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.43 1.50 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
BROOME_2_LFGE 323671	37.96 0.68 -1.31	33.98 0.68 -1.00	32.35 0.53 -0.78	30.87 0.53 -0.75	31.56 0.54 -0.80	33.78 0.60 -1.39	42.62 0.64 -1.61	48.34 0.84 -3.21	49.26 0.91 -2.84	48.24 0.68 -2.32	50.77 0.80 -3.03	52.08 0.77 -2.97	52.50 0.78 -3.03	56.25 0.84 -2.52	56.54 0.74 -2.81	58.81 0.55 -2.83	61.81 0.46 -3.20	68.58 0.39 -3.71	62.20 0.58 -3.22	61.93 0.81 -3.28	52.03 0.63 -2.47	46.40 0.48 -1.91	41.68 0.40 -1.47	37.34 0.50 -1.19
BROOME___LFGE 323600	37.96 0.68 -1.31	33.98 0.68 -1.00	32.35 0.53 -0.78	30.87 0.53 -0.75	31.56 0.54 -0.80	33.78 0.60 -1.39	42.62 0.64 -1.61	48.34 0.84 -3.21	49.26 0.91 -2.84	48.24 0.68 -2.32	50.77 0.80 -3.03	52.08 0.77 -2.97	52.50 0.78 -3.03	56.25 0.84 -2.52	56.54 0.74 -2.81	58.81 0.55 -2.83	61.81 0.46 -3.20	68.58 0.39 -3.71	62.20 0.58 -3.22	61.93 0.81 -3.28	52.03 0.63 -2.47	46.40 0.48 -1.91	41.68 0.40 -1.47	37.34 0.50 -1.19
BROWNFLS_115KV_TB 3_5 80003	37.28 0.65 -0.67	40.64 0.52 -7.82	35.31 0.50 -3.78	33.91 0.44 -3.88	36.49 0.45 -5.82	48.53 0.60 -16.13	64.89 0.93 -23.59	72.49 1.11 -27.09	72.99 1.18 -26.30	72.47 1.04 -26.19	73.66 1.03 -25.69	74.33 1.02 -24.97	62.17 1.12 -12.35	76.63 1.27 -22.47	61.03 1.22 -6.83	58.24 1.39 -1.42	66.40 1.22 -7.03	79.21 1.61 -13.12	79.46 1.46 -19.60	79.71 1.50 -20.37	74.63 1.27 -24.43	51.52 1.14 -6.37	46.83 0.88 -6.14	41.73 0.71 -5.36
BROWNSV1_27_KV_LOAD 356125	37.94 1.98 0.00	33.82 1.52 0.00	32.40 1.37 0.00	30.83 1.24 0.00	31.45 1.24 0.00	33.28 1.49 0.00	42.43 2.06 0.00	46.85 2.44 -0.12	48.53 2.28 -0.75	48.59 2.44 -0.90	50.55 2.63 -0.99	51.80 2.56 -0.90	52.12 2.53 -0.89	56.60 2.80 -0.91	57.08 2.60 -1.50	60.04 3.05 -1.56	62.99 3.43 -1.41	69.92 3.74 -1.71	62.08 3.39 -0.30	61.27 2.95 -0.48	51.22 2.30 0.00	46.25 2.24 0.00	42.87 2.39 -0.67	38.06 2.00 -0.41
BURROWS___LYONSDAL 23803	37.21 0.61 -0.64	35.34 0.48 -2.56	32.84 0.47 -1.34	31.32 0.38 -1.35	32.52 0.39 -1.92	37.40 0.57 -5.04	48.53 0.93 -7.23	54.21 1.15 -8.76	55.15 1.23 -8.41	54.49 1.04 -8.21	56.28 1.03 -8.30	57.43 1.02 -8.07	54.44 1.22 -4.52	61.37 1.27 -7.21	57.14 1.27 -2.88	58.17 1.39 -1.36	62.61 1.40 -3.07	71.45 2.00 -4.97	66.91 1.87 -6.64	66.69 1.97 -6.88	58.34 1.66 -7.75	47.65 1.19 -2.45	42.97 0.92 -2.24	38.27 0.71 -1.91
CAITHNESS_CC_1 323624	36.79 0.83 0.00	32.46 0.16 0.00	31.16 0.12 0.00	29.37 -0.21 0.01	30.02 -0.18 0.01	32.14 0.35 0.00	41.18 0.81 0.00	44.81 0.40 -0.12	46.13 0.09 -0.53	46.32 0.45 -0.62	46.95 0.28 0.28	47.26 0.24 1.32	46.94 0.15 1.91	46.30 0.27 6.85	49.51 0.05 3.53	49.51 0.39 6.31	54.59 0.64 4.20	66.95 0.78 -1.69	54.51 0.47 4.35	50.31 0.23 7.77	43.93 0.10 5.09	43.79 0.09 0.31	40.99 0.52 -0.66	36.77 0.71 -0.41
CALPINE BETH_PAGE_GT4 24209	36.97 1.01 0.00	32.85 0.55 0.00	31.50 0.47 0.00	29.76 0.18 0.01	30.39 0.18 0.01	32.42 0.64 0.00	41.26 0.89 0.00	45.07 0.66 -0.12	46.50 0.41 -0.59	46.48 0.54 -0.70	47.80 0.80 -0.06	48.29 0.68 0.73	48.17 0.63 1.16	48.86 0.74 4.77	51.39 0.58 2.18	52.17 0.94 4.21	56.67 1.22 2.70	67.46 1.29 -1.69	56.28 0.99 3.11	53.03 0.75 5.56	45.59 0.44 3.78	44.26 0.48 0.23	41.43 0.96 -0.66	37.06 1.00 -0.41
CALPINE_BETH_PAGE_GT_4 323586	36.97 1.01 0.00	32.79 0.49 0.00	31.47 0.43 0.00	29.76 0.18 0.01	30.39 0.18 0.01	32.42 0.64 0.00	41.26 0.89 0.00	44.98 0.57 -0.12	46.46 0.36 -0.59	46.71 0.77 -0.70	47.66 0.66 -0.06	48.38 0.77 0.73	48.22 0.68 1.16	48.91 0.79 4.77	51.49 0.69 2.18	52.22 1.00 4.21	56.73 1.28 2.70	67.59 1.42 -1.69	56.34 1.05 3.11	53.09 0.81 5.56	45.70 0.49 3.71	44.31 0.53 0.23	41.27 0.80 -0.66	37.10 1.03 -0.41
CALPINE_BP_GT1 23823	36.97 1.01 0.00	32.79 0.49 0.00	31.47 0.43 0.00	29.76 0.18 0.01	30.39 0.18 0.01	32.42 0.64 0.00	41.26 0.89 0.00	44.98 0.57 -0.12	46.46 0.36 -0.59	46.71 0.77 -0.70	47.66 0.66 -0.06	48.38 0.77 0.73	48.22 0.68 1.16	48.91 0.79 4.77	51.49 0.69 2.18	52.22 1.00 4.21	56.73 1.28 2.70	67.59 1.42 -1.69	56.34 1.05 3.11	53.09 0.81 5.56	45.70 0.49 3.71	44.31 0.53 0.23	41.27 0.80 -0.66	37.10 1.03 -0.41
CALSPAN___DRP 24200	38.48 1.44 -1.08	34.71 1.58 -0.82	32.76 1.09 -0.64	31.47 1.27 -0.61	32.05 1.18 -0.66	34.27 1.34 -1.14	42.86 1.17 -1.32	47.99 1.06 -2.64	48.70 0.86 -2.33	47.60 0.45 -1.91	50.04 0.61 -2.49	51.83 1.06 -2.42	52.05 0.88 -2.47	55.74 0.79 -2.06	55.97 0.69 -2.29	57.46 -0.28 -2.31	59.83 -0.93 -2.62	66.04 -1.48 -3.04	60.51 -0.53 -2.64	60.53 0.00 -2.69	51.04 0.10 -2.02	45.62 0.04 -1.57	41.14 0.12 -1.20	37.20 0.57 -0.98

CALVERTON___SOLAR 323806	36.94 0.97 0.00	32.59 0.29 0.00	31.26 0.22 0.00	29.46 -0.12 0.01	30.08 -0.12 0.01	32.23 0.44 0.00	41.30 0.93 0.00	44.98 0.57 -0.12	46.27 0.23 -0.53	46.45 0.59 -0.62	47.13 0.47 0.28	47.46 0.43 1.32	47.14 0.34 1.91	46.47 0.42 6.84	49.68 0.21 3.52	49.68 0.55 6.30	54.83 0.87 4.19	67.20 1.03 -1.69	54.75 0.70 4.35	50.54 0.46 7.76	44.08 0.25 5.08	43.87 0.18 0.31	40.99 0.52 -0.66	36.77 0.71 -0.41
CANDIGU_WT_PWR 323617	38.33 1.08 -1.29	34.42 1.13 -0.99	32.58 0.78 -0.77	31.18 0.86 -0.73	31.81 0.82 -0.79	34.11 0.95 -1.37	42.84 0.89 -1.58	48.56 1.11 -3.16	49.48 1.18 -2.79	48.02 0.50 -2.28	50.72 0.80 -2.98	51.87 0.63 -2.90	52.25 0.59 -2.96	55.99 0.64 -2.47	56.21 0.48 -2.75	58.14 -0.06 -2.77	60.88 -0.40 -3.14	67.46 -0.64 -3.63	61.78 0.23 -3.15	61.86 0.81 -3.21	51.78 0.44 -2.42	46.14 0.27 -1.87	41.45 0.20 -1.44	37.46 0.64 -1.17
CARR STREET_E_SYR 24060	37.77 0.04 -1.77	34.03 0.06 -1.66	32.23 0.00 -1.20	30.77 0.03 -1.16	31.52 0.00 -1.31	34.29 -0.03 -2.53	43.38 -0.12 -3.13	49.66 -0.04 -5.41	50.39 0.00 -4.88	49.39 -0.05 -4.19	52.10 0.05 -5.11	53.34 0.05 -4.96	53.25 0.05 -4.50	57.20 0.05 -4.27	56.97 0.00 -3.98	59.05 -0.17 -3.78	62.37 -0.29 -4.51	69.46 -0.52 -5.50	63.22 -0.29 -5.11	62.89 -0.17 -5.22	53.04 -0.19 -4.31	46.61 -0.22 -2.82	41.75 -0.28 -2.21	37.25 -0.21 -1.81
CARTHAGE___PAPER 23857	38.21 0.93 -1.31	37.40 0.74 -4.35	34.08 0.71 -2.33	32.56 0.62 -2.35	34.09 0.60 -3.28	41.13 0.89 -8.45	53.82 1.41 -12.03	60.88 1.73 -14.87	61.50 1.77 -14.22	60.46 1.45 -13.77	62.39 1.36 -14.09	63.28 1.25 -13.68	58.07 1.41 -7.95	66.62 1.53 -12.20	59.68 1.43 -5.26	59.89 1.66 -2.80	65.48 1.69 -5.65	76.32 2.39 -9.45	72.61 2.34 -11.88	72.66 2.54 -12.28	64.34 2.10 -13.32	50.33 1.63 -4.70	45.17 1.19 -4.17	40.17 0.96 -3.56
CASSADAGA_WT_PWR 323784	39.03 1.98 -1.09	35.26 2.13 -0.83	33.48 1.80 -0.65	32.13 1.92 -0.62	32.75 1.87 -0.66	35.07 2.13 -1.15	44.29 2.59 -1.33	50.00 3.05 -2.66	50.96 3.10 -2.35	49.29 2.13 -1.92	52.17 2.72 -2.51	53.54 2.75 -2.45	53.92 2.73 -2.50	57.87 2.91 -2.08	57.90 2.60 -2.32	59.48 1.72 -2.33	61.95 1.16 -2.64	67.86 0.32 -3.06	62.22 1.17 -2.65	62.51 1.97 -2.70	52.03 1.07 -2.03	46.68 1.10 -1.57	42.05 1.03 -1.21	38.24 1.61 -0.98
CE_DUNWOOD___DRP 24194	37.19 1.22 0.00	33.27 0.97 0.00	31.91 0.87 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.77 0.99 0.00	41.70 1.33 0.00	46.06 1.64 -0.12	47.76 1.50 -0.75	47.72 1.58 -0.90	49.61 1.69 -0.98	50.83 1.60 -0.90	51.19 1.61 -0.88	55.59 1.80 -0.91	56.07 1.59 -1.50	58.93 1.94 -1.56	61.77 2.21 -1.41	68.63 2.45 -1.71	60.74 2.04 -0.30	60.18 1.85 -0.48	50.34 1.42 0.00	45.41 1.41 0.00	42.07 1.59 -0.67	37.34 1.28 -0.41
CE_MILLWOOD___DRP 24193	37.08 1.11 0.00	33.21 0.90 0.00	31.84 0.81 0.00	30.33 0.74 0.00	30.97 0.76 0.00	32.71 0.92 0.00	41.62 1.25 0.00	45.92 1.51 -0.12	47.62 1.37 -0.75	47.63 1.49 -0.90	49.52 1.60 -0.98	50.73 1.50 -0.90	51.09 1.51 -0.88	55.43 1.64 -0.90	55.91 1.43 -1.49	58.76 1.77 -1.55	61.65 2.09 -1.41	68.43 2.26 -1.70	60.62 1.93 -0.30	60.00 1.68 -0.48	50.24 1.32 0.00	45.28 1.28 0.00	41.95 1.47 -0.66	37.27 1.21 -0.41
CE_NYC2_DRP 24202	37.51 1.55 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.93 1.14 0.00	41.90 1.53 0.00	46.06 1.64 -0.12	47.76 1.50 -0.75	47.73 1.58 -0.90	49.66 1.74 -0.99	50.83 1.60 -0.89	51.19 1.61 -0.88	55.59 1.80 -0.90	56.02 1.54 -1.50	58.98 2.00 -1.55	61.83 2.27 -1.41	68.63 2.45 -1.71	60.74 2.04 -0.30	60.12 1.79 -0.48	50.24 1.32 0.00	45.55 1.54 0.00	42.39 1.91 -0.67	37.66 1.60 -0.41
CE_NYC_DRP 24195	37.48 1.51 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.59 1.01 0.00	31.21 1.00 0.00	33.00 1.21 0.00	42.03 1.66 0.00	46.41 1.99 -0.12	48.13 1.87 -0.75	48.13 1.99 -0.90	50.04 2.11 -0.99	51.27 2.03 -0.90	51.63 2.05 -0.89	56.07 2.27 -0.91	56.55 2.07 -1.50	59.49 2.49 -1.56	62.35 2.79 -1.41	69.21 3.03 -1.71	61.21 2.51 -0.30	60.58 2.26 -0.48	50.68 1.76 0.00	45.77 1.76 0.00	42.47 1.99 -0.67	37.70 1.64 -0.41
CHAFFEE___LFGE 323603	38.53 1.48 -1.08	34.81 1.68 -0.83	32.83 1.15 -0.65	31.47 1.27 -0.62	32.05 1.18 -0.66	34.31 1.37 -1.15	42.95 1.25 -1.33	48.46 1.51 -2.66	49.54 1.68 -2.35	47.88 0.72 -1.92	50.76 1.31 -2.51	52.09 1.31 -2.44	52.55 1.36 -2.49	56.44 1.48 -2.08	56.52 1.22 -2.31	58.09 0.33 -2.33	60.38 -0.40 -2.64	66.43 -1.10 -3.05	60.81 -0.23 -2.65	61.18 0.64 -2.70	51.25 0.30 -2.03	45.76 0.18 -1.57	41.26 0.24 -1.21	37.52 0.89 -0.98
CHATEAUG_35_KV_LOAD 355732	36.40 0.43 0.00	34.25 0.36 -1.60	32.05 0.28 -0.74	30.62 0.27 -0.76	31.67 0.27 -1.18	35.47 0.32 -3.37	45.50 0.16 -4.97	49.54 -0.31 -5.56	50.80 -0.14 -5.43	50.75 0.05 -5.46	52.21 0.00 -5.27	53.51 0.05 -5.13	51.16 0.10 -2.36	57.89 0.37 -4.63	54.86 0.69 -1.18	56.21 0.78 0.00	60.26 0.93 -1.18	68.22 1.29 -2.46	63.49 1.17 -3.92	62.97 1.04 -4.08	54.38 0.39 -5.06	45.49 0.31 -1.18	41.43 0.44 -1.18	36.97 0.29 -1.04
CHATEAUG_WT_PWR 323614	36.40 0.43 0.00	33.25 0.32 -0.62	31.57 0.25 -0.29	30.12 0.24 -0.30	30.91 0.24 -0.46	33.39 0.29 -1.32	42.35 0.04 -1.94	45.98 -0.49 -2.17	46.76 -0.87 -2.12	46.65 -0.73 -2.13	48.25 -0.75 -2.06	49.18 -1.16 -2.00	49.04 -0.58 -0.92	53.80 -0.90 -1.81	52.87 -0.58 -0.46	54.88 -0.55 0.00	58.14 -0.47 -0.46	65.11 -0.32 -0.95	59.68 -0.23 -1.52	59.02 -0.40 -1.58	50.39 -0.49 -1.96	44.64 0.18 -0.46	40.67 0.40 -0.46	36.27 0.22 -0.40
CHAT_HIGH_FALL_HYD 323578	36.40 0.43 0.00	34.25 0.36 -1.60	32.05 0.28 -0.74	30.62 0.27 -0.76	31.67 0.27 -1.18	35.47 0.32 -3.37	45.50 0.16 -4.97	49.54 -0.31 -5.56	50.80 -0.14 -5.43	50.75 0.05 -5.46	52.21 0.00 -5.27	53.51 0.05 -5.13	51.16 0.10 -2.36	57.89 0.37 -4.63	54.86 0.69 -1.18	56.21 0.78 0.00	60.26 0.93 -1.18	68.22 1.29 -2.46	63.49 1.17 -3.92	62.97 1.04 -4.08	54.38 0.39 -5.06	45.49 0.31 -1.18	41.43 0.44 -1.18	36.97 0.29 -1.04
CHAUTAUQUA___LFGE 323629	38.91 1.87 -1.08	35.16 2.04 -0.83	33.23 1.55 -0.64	31.86 1.66 -0.62	32.50 1.63 -0.66	34.75 1.81 -1.15	43.47 1.77 -1.33	49.02 2.08 -2.64	50.03 2.18 -2.34	48.28 1.13 -1.91	51.22 1.78 -2.49	52.51 1.74 -2.43	52.98 1.80 -2.48	56.85 1.90 -2.07	56.93 1.64 -2.30	58.52 0.78 -2.32	60.95 0.17 -2.62	67.26 -0.26 -3.04	61.56 0.52 -2.64	61.91 1.39 -2.68	51.73 0.78 -2.02	46.23 0.66 -1.57	41.65 0.64 -1.20	37.91 1.28 -0.98
CHERRYST_13_KV_LD 356241	37.62 1.65 0.00	33.63 1.32 0.00	32.25 1.21 0.00	30.68 1.09 0.00	31.33 1.12 0.00	33.12 1.34 0.00	42.19 1.82 0.00	46.59 2.17 -0.12	48.31 2.05 -0.75	48.31 2.17 -0.90	50.27 2.35 -0.99	51.51 2.27 -0.90	51.87 2.29 -0.89	56.33 2.54 -0.91	56.76 2.28 -1.50	59.76 2.77 -1.56	62.64 3.08 -1.41	69.47 3.29 -1.71	61.50 2.80 -0.30	60.81 2.49 -0.48	50.88 1.96 0.00	45.94 1.94 0.00	42.63 2.15 -0.67	37.84 1.78 -0.41

CHESTROR_138KV_BK263 355645	36.79 0.83 0.00	32.95 0.65 0.00	31.66 0.62 0.00	30.12 0.53 0.00	30.75 0.54 0.00	32.46 0.67 0.00	41.22 0.85 0.00	45.51 1.11 -0.11	47.17 1.00 -0.66	47.03 1.00 -0.80	48.84 1.03 -0.87	50.05 0.92 -0.79	50.41 0.93 -0.78	54.75 1.06 -0.80	55.16 0.85 -1.32	57.97 1.16 -1.38	60.79 1.40 -1.25	67.53 1.55 -1.51	60.01 1.34 -0.26	59.54 1.27 -0.43	49.90 0.98 0.00	45.02 1.01 0.00	41.56 1.15 -0.59	36.94 0.93 -0.36
CH_MIDHUDSON___DRP 24192	36.94 0.97 0.00	33.08 0.78 0.00	31.78 0.74 0.00	30.24 0.65 0.00	30.88 0.66 0.00	32.55 0.76 0.00	41.42 1.05 0.00	45.66 1.28 -0.08	47.19 1.18 -0.50	47.02 1.18 -0.60	48.82 1.22 -0.66	50.05 1.11 -0.60	50.41 1.12 -0.59	54.76 1.27 -0.61	55.05 1.06 -1.00	57.86 1.39 -1.05	60.72 1.63 -0.95	67.42 1.81 -1.14	60.18 1.58 -0.20	59.61 1.45 -0.32	50.10 1.17 0.00	45.19 1.19 0.00	41.61 1.35 -0.45	36.99 1.07 -0.28
CH_MISC_IPPS 23765	37.19 1.22 0.00	33.27 0.97 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.89 1.51 -0.10	47.50 1.41 -0.58	47.56 1.63 -0.69	49.10 1.41 -0.76	50.48 1.45 -0.69	50.79 1.41 -0.68	55.22 1.64 -0.70	55.57 1.43 -1.15	58.40 1.77 -1.20	61.32 2.09 -1.08	68.10 2.32 -1.31	60.73 2.10 -0.23	60.24 2.02 -0.37	50.64 1.66 -0.05	45.55 1.54 0.00	41.96 1.63 -0.51	37.28 1.32 -0.32
CH_RES_BVR_FALLS 23983	35.46 -0.50 0.00	31.48 -0.45 0.37	30.43 -0.43 0.17	28.97 -0.44 0.18	29.45 -0.48 0.27	30.50 -0.51 0.77	38.58 -0.65 1.14	42.30 -0.71 1.28	43.58 -0.68 1.25	43.35 -0.63 1.25	45.12 -0.61 1.21	46.63 -0.53 1.18	47.67 -0.49 0.54	51.35 -0.48 1.06	52.29 -0.43 0.27	55.10 -0.33 0.00	57.59 -0.29 0.27	63.65 -0.26 0.57	57.26 -0.23 0.91	56.67 -0.23 0.95	47.46 -0.29 1.17	43.51 -0.22 0.27	39.30 -0.24 0.27	35.16 -0.25 0.24
CH_RES_NIAGARA 23895	38.16 1.15 -1.04	34.46 1.36 -0.80	32.56 0.90 -0.62	31.28 1.09 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.50 -0.35 -2.56	47.13 -0.64 -2.26	45.96 -1.13 -1.85	48.37 -0.99 -2.41	50.26 -0.44 -2.35	50.46 -0.63 -2.40	53.93 -0.95 -2.00	54.20 -1.01 -2.23	55.57 -2.11 -2.24	57.78 -2.91 -2.54	63.49 -3.93 -2.95	58.27 -2.69 -2.56	58.19 -2.26 -2.61	49.32 -1.57 -1.96	44.25 -1.28 -1.52	39.90 -1.07 -1.17	36.88 0.29 -0.95
CH_RES_SYRACUSE 23985	38.75 0.22 -2.57	34.76 0.23 -2.23	32.85 0.16 -1.65	31.32 0.15 -1.59	32.13 0.15 -1.76	35.26 0.19 -3.28	44.62 0.28 -3.97	51.90 0.40 -7.21	52.42 0.46 -6.46	51.14 0.45 -5.45	54.26 0.52 -6.81	55.47 0.53 -6.59	55.49 0.54 -6.26	59.12 0.58 -5.65	59.16 0.53 -5.64	61.31 0.39 -5.49	64.85 0.29 -6.41	72.20 0.13 -7.60	65.64 0.35 -6.88	65.28 0.41 -7.03	54.89 0.34 -5.62	48.13 0.22 -3.90	43.01 0.16 -3.04	38.31 0.18 -2.48
CLINTON_WT_PWR 323605	36.40 0.43 0.00	33.25 0.32 -0.62	31.57 0.25 -0.29	30.12 0.24 -0.30	30.91 0.24 -0.46	33.39 0.29 -1.32	42.35 0.04 -1.94	45.98 -0.49 -2.17	46.76 -0.87 -2.12	46.65 -0.73 -2.13	48.25 -0.75 -2.06	49.18 -1.16 -2.00	49.04 -0.58 -0.92	53.80 -0.90 -1.81	52.87 -0.58 -0.46	54.88 -0.55 0.00	58.14 -0.47 -0.46	65.11 -0.32 -0.95	59.68 -0.23 -1.52	59.02 -0.40 -1.58	50.39 -0.49 -1.96	44.64 0.18 -0.46	40.67 0.40 -0.46	36.27 0.22 -0.40
CLINTON___LFGE 323618	36.90 0.93 0.00	34.01 0.74 -0.96	32.14 0.65 -0.45	30.67 0.62 -0.46	31.56 0.64 -0.71	34.55 0.73 -2.03	43.86 0.49 -3.00	47.38 -0.26 -3.35	47.87 -0.91 -3.28	47.72 -0.81 -3.30	49.32 -0.80 -3.18	50.03 -1.40 -3.09	49.49 -0.63 -1.43	54.52 -1.16 -2.79	52.96 -0.74 -0.71	54.65 -0.78 0.00	58.22 -0.64 -0.71	65.56 -0.38 -1.47	60.63 -0.12 -2.35	59.94 -0.34 -2.45	51.56 -0.39 -3.03	45.33 0.62 -0.71	41.55 1.03 -0.71	37.02 0.75 -0.63
COBBLENY_34_KV_TB1 80064	38.52 1.47 -1.08	34.71 1.58 -0.83	32.77 1.09 -0.65	31.48 1.27 -0.62	32.05 1.18 -0.66	34.28 1.34 -1.15	42.95 1.25 -1.33	48.19 1.24 -2.66	48.86 1.00 -2.35	47.84 0.68 -1.92	50.24 0.80 -2.51	52.04 1.26 -2.44	52.26 1.07 -2.49	55.91 0.95 -2.08	56.20 0.90 -2.31	57.70 -0.06 -2.33	60.14 -0.64 -2.64	66.32 -1.23 -3.07	60.77 -0.29 -2.66	60.84 0.29 -2.71	51.26 0.29 -2.04	45.76 0.18 -1.58	41.26 0.24 -1.21	37.24 0.61 -0.98
COFFEEN___115KV_TB3 355620	39.05 1.51 -1.58	37.53 1.23 -4.00	34.42 1.15 -2.23	32.86 1.04 -2.24	34.27 1.03 -3.03	40.75 1.40 -7.57	53.10 2.10 -10.63	60.40 2.52 -13.58	60.97 2.55 -12.91	59.80 2.22 -12.34	61.92 2.11 -12.87	62.86 2.03 -12.49	58.53 2.09 -7.73	66.20 2.22 -11.10	60.51 2.12 -5.41	61.18 2.38 -3.36	66.47 2.44 -5.88	76.36 3.16 -8.72	72.26 3.15 -10.70	72.31 3.41 -11.06	63.61 2.89 -11.80	50.51 2.16 -4.35	45.22 1.59 -3.81	40.16 1.32 -3.19
COLDSPRG_115KV_BK1 355956	39.18 2.12 -1.09	35.30 2.16 -0.84	33.33 1.64 -0.65	32.07 1.86 -0.62	32.72 1.84 -0.67	35.05 2.10 -1.16	44.38 2.66 -1.34	49.90 2.92 -2.68	50.56 2.68 -2.37	49.62 2.44 -1.94	52.05 2.58 -2.53	53.71 2.90 -2.47	54.00 2.78 -2.52	57.74 2.75 -2.10	57.97 2.65 -2.34	59.51 1.72 -2.36	62.15 1.34 -2.67	68.10 0.52 -3.10	62.43 1.34 -2.69	62.55 1.97 -2.74	52.36 1.37 -2.06	46.75 1.14 -1.60	42.08 1.04 -1.23	37.86 1.21 -1.00
COLONIE_LFGE___ 323577	36.47 0.50 0.00	32.72 0.42 0.00	31.47 0.43 0.00	30.03 0.44 0.00	30.69 0.48 0.00	32.33 0.54 0.00	41.14 0.77 0.00	44.99 0.84 0.14	45.43 0.77 0.85	45.17 0.95 1.02	46.57 0.75 1.12	48.09 0.77 1.02	48.43 0.73 1.00	52.65 0.79 1.03	52.08 0.80 1.70	54.60 0.94 1.77	69.95 1.10 -10.70	84.89 1.22 -19.19	80.38 1.17 -20.82	70.81 0.92 -12.05	49.73 0.88 0.08	44.80 0.79 0.00	39.90 0.84 0.76	35.86 0.68 0.47
COOPERNY_115KV_TB1 80082	36.58 0.61 0.00	32.79 0.48 0.00	31.50 0.47 0.00	30.00 0.41 0.00	30.63 0.42 0.00	32.30 0.51 0.00	41.02 0.65 0.00	45.31 0.93 -0.09	46.84 0.82 -0.52	46.72 0.86 -0.62	48.51 0.89 -0.68	49.78 0.82 -0.62	50.14 0.83 -0.61	54.41 0.90 -0.63	54.76 0.74 -1.03	57.45 0.94 -1.08	60.28 1.16 -0.97	66.94 1.29 -1.18	59.66 1.05 -0.21	59.16 0.98 -0.33	49.75 0.83 0.00	44.80 0.79 0.00	41.19 0.92 -0.46	36.68 0.75 -0.28
COPENHAGEN_WT_PWR 323753	38.80 1.19 -1.65	37.17 0.97 -3.90	34.14 0.90 -2.20	32.59 0.80 -2.20	33.96 0.78 -2.96	40.20 1.08 -7.33	52.29 1.66 -10.26	59.57 2.04 -13.24	60.21 2.14 -12.56	59.02 1.81 -11.96	61.22 1.74 -12.54	62.16 1.64 -12.18	58.13 1.75 -7.68	65.54 1.85 -10.80	60.13 1.70 -5.45	60.88 1.94 -3.51	66.00 1.92 -5.94	76.42 2.45 -9.49	71.89 2.40 -11.10	71.95 2.66 -11.45	62.97 2.25 -11.79	50.43 1.67 -4.76	45.14 1.24 -4.09	40.14 1.03 -3.46
CORNELL_____ 23752	38.65 0.97 -1.72	34.49 0.87 -1.31	32.81 0.74 -1.02	31.30 0.74 -0.98	32.02 0.76 -1.05	34.47 0.86 -1.83	43.61 1.13 -2.11	49.87 1.37 -4.21	50.59 1.37 -3.72	49.50 1.22 -3.04	52.13 1.22 -3.97	53.46 1.26 -3.86	53.86 1.22 -3.94	57.44 1.27 -3.28	57.86 1.22 -3.66	60.28 1.16 -3.68	63.54 1.22 -4.17	70.68 1.35 -4.85	64.18 1.58 -4.21	63.81 1.68 -4.28	53.57 1.42 -3.23	47.65 1.14 -2.50	42.65 0.92 -1.92	38.03 0.82 -1.56

CORONA__69_KV_TB1 355595	37.37 1.40 0.00	33.21 0.90 0.00	31.84 0.81 0.00	30.11 0.53 0.01	30.75 0.54 0.01	32.74 0.95 0.00	41.82 1.45 0.00	45.74 1.33 -0.12	47.32 1.09 -0.72	47.33 1.22 -0.87	49.34 1.55 -0.86	50.56 1.55 -0.68	50.82 1.51 -0.61	54.69 1.64 -0.16	55.52 1.54 -1.00	58.10 1.88 -0.78	61.22 2.21 -0.86	68.56 2.39 -1.70	60.22 1.99 0.16	59.30 1.79 0.33	49.73 1.32 0.51	45.20 1.23 0.03	42.03 1.55 -0.66	37.45 1.39 -0.41
CORTLAND__115KV_TB3 80093	38.50 0.94 -1.60	34.75 0.81 -1.65	32.93 0.74 -1.15	31.41 0.71 -1.11	32.23 0.73 -1.29	35.24 0.86 -2.59	44.90 1.25 -3.28	51.19 1.51 -5.39	52.01 1.59 -4.90	51.06 1.54 -4.28	53.63 1.60 -5.09	54.92 1.64 -4.94	54.63 1.66 -4.27	58.90 1.75 -4.27	58.38 1.70 -3.70	60.55 1.72 -3.41	64.06 1.74 -4.17	71.42 1.81 -5.14	65.26 1.93 -4.94	64.86 1.97 -5.05	54.92 1.66 -4.33	48.00 1.36 -2.63	42.98 1.07 -2.09	38.25 0.89 -1.72
COXSACKIE__GT 23611	36.68 0.72 0.00	32.85 0.55 0.00	31.60 0.56 0.00	29.94 0.36 0.00	30.57 0.36 0.00	32.29 0.51 0.00	41.22 0.85 0.00	45.49 1.24 0.04	46.38 1.09 0.22	45.70 0.72 0.26	46.75 0.09 0.28	48.03 -0.05 0.26	48.35 -0.10 0.26	52.68 0.05 0.26	52.66 0.11 0.43	55.31 0.33 0.45	54.72 0.87 0.43	58.60 1.29 0.71	53.62 1.99 0.67	55.69 1.97 0.41	50.17 1.27 0.02	45.28 1.28 0.00	41.29 1.67 0.19	36.88 1.35 0.12
CPV_VALLEY__CC1 323721	36.54 0.57 0.00	32.72 0.42 0.00	31.44 0.40 0.00	29.94 0.36 0.00	30.60 0.39 0.00	32.27 0.48 0.00	40.98 0.61 0.00	45.19 0.80 -0.10	46.76 0.64 -0.61	46.88 0.90 -0.74	48.49 0.75 -0.80	49.85 0.77 -0.74	50.16 0.73 -0.72	54.42 0.79 -0.74	54.90 0.69 -1.22	57.65 0.94 -1.28	60.46 1.16 -1.16	67.23 1.36 -1.39	59.75 1.11 -0.24	59.16 0.92 -0.39	49.71 0.73 -0.05	44.71 0.70 0.00	41.23 0.87 -0.54	36.70 0.71 -0.34
CPV_VALLEY__CC2 323722	36.54 0.57 0.00	32.72 0.42 0.00	31.44 0.40 0.00	29.94 0.36 0.00	30.60 0.39 0.00	32.27 0.48 0.00	40.98 0.61 0.00	45.19 0.80 -0.10	46.76 0.64 -0.61	46.88 0.90 -0.74	48.49 0.75 -0.80	49.85 0.77 -0.74	50.16 0.73 -0.72	54.42 0.79 -0.74	54.90 0.69 -1.22	57.65 0.94 -1.28	60.46 1.16 -1.16	67.23 1.36 -1.39	59.75 1.11 -0.24	59.16 0.92 -0.39	49.71 0.73 -0.05	44.71 0.70 0.00	41.23 0.87 -0.54	36.70 0.71 -0.34
CRESCENT__HYD 24018	36.47 0.50 0.00	32.72 0.42 0.00	31.47 0.43 0.00	30.03 0.44 0.00	30.69 0.48 0.00	32.33 0.54 0.00	41.14 0.77 0.00	44.99 0.84 0.14	45.43 0.77 0.85	45.17 0.95 1.02	46.57 0.75 1.12	48.09 0.77 1.02	48.43 0.73 1.00	52.65 0.79 1.03	52.08 0.80 1.70	54.60 0.94 1.77	69.95 1.10 -10.70	84.89 1.22 -19.19	80.38 1.17 -20.82	70.81 0.92 -12.05	49.73 0.88 0.08	44.80 0.79 0.00	39.90 0.84 0.76	35.86 0.68 0.47
CRICKET__VALLEY_CC1 323756	36.36 0.40 0.00	32.56 0.26 0.00	31.28 0.25 0.00	29.82 0.24 0.00	30.45 0.24 0.00	32.11 0.32 0.00	40.82 0.44 0.00	42.87 0.49 1.91	34.37 0.36 11.50	32.12 0.68 13.80	32.33 0.47 15.08	35.05 0.48 13.77	35.58 0.44 13.56	39.45 0.47 13.91	30.42 0.37 22.94	32.14 0.61 23.90	37.37 0.87 21.65	39.32 0.97 26.13	54.53 0.70 4.58	50.99 0.52 7.37	48.34 0.44 1.02	44.45 0.44 0.00	30.25 0.64 10.20	29.84 0.50 6.31
CRICKET__VALLEY_CC2 323757	36.36 0.40 0.00	32.56 0.26 0.00	31.28 0.25 0.00	29.82 0.24 0.00	30.45 0.24 0.00	32.11 0.32 0.00	40.82 0.44 0.00	42.87 0.49 1.91	34.37 0.36 11.50	32.12 0.68 13.80	32.33 0.47 15.08	35.05 0.48 13.77	35.58 0.44 13.56	39.45 0.47 13.91	30.42 0.37 22.94	32.14 0.61 23.90	37.37 0.87 21.65	39.32 0.97 26.13	54.53 0.70 4.58	50.99 0.52 7.37	48.34 0.44 1.02	44.45 0.44 0.00	30.25 0.64 10.20	29.84 0.50 6.31
CRICKET__VALLEY_CC3 323758	36.36 0.40 0.00	32.56 0.26 0.00	31.28 0.25 0.00	29.82 0.24 0.00	30.45 0.24 0.00	32.11 0.32 0.00	40.82 0.44 0.00	42.87 0.49 1.91	34.37 0.36 11.50	32.12 0.68 13.80	32.33 0.47 15.08	35.05 0.48 13.77	35.58 0.44 13.56	39.45 0.47 13.91	30.42 0.37 22.94	32.14 0.61 23.90	37.37 0.87 21.65	39.32 0.97 26.13	54.53 0.70 4.58	50.99 0.52 7.37	48.34 0.44 1.02	44.45 0.44 0.00	30.25 0.64 10.20	29.84 0.50 6.31
CRUCIBLE__METL_DRP 24180	38.75 0.22 -2.57	34.72 0.19 -2.23	32.81 0.12 -1.65	31.32 0.15 -1.59	32.13 0.15 -1.76	35.26 0.19 -3.28	44.58 0.24 -3.97	51.85 0.35 -7.21	52.33 0.36 -6.46	51.10 0.41 -5.45	54.21 0.47 -6.81	55.42 0.48 -6.59	55.44 0.49 -6.26	59.01 0.48 -5.65	59.05 0.42 -5.64	61.25 0.33 -5.49	64.79 0.23 -6.41	72.17 0.06 -7.62	65.60 0.29 -6.91	65.24 0.35 -7.05	54.85 0.29 -5.64	48.14 0.22 -3.92	43.02 0.16 -3.05	38.25 0.11 -2.49
DAHOWA__HYDRO 323763	36.90 0.93 0.00	33.14 0.84 0.00	31.88 0.84 0.00	30.38 0.80 0.00	31.06 0.84 0.00	32.68 0.89 0.00	41.66 1.29 0.00	45.64 1.46 0.11	46.18 1.36 0.69	45.95 1.54 0.83	47.30 1.27 0.90	48.82 1.31 0.83	49.05 1.17 0.81	53.32 1.27 0.83	52.98 1.38 1.38	55.55 1.55 1.43	65.42 1.74 -5.53	76.64 2.00 -10.16	71.86 1.99 -11.47	66.19 1.80 -6.55	50.53 1.66 0.06	45.50 1.50 0.00	40.56 1.35 0.61	36.38 1.11 0.38
DANC__LFGE 323619	38.72 0.72 -2.03	36.27 0.58 -3.39	33.62 0.53 -2.06	32.09 0.47 -2.04	33.26 0.45 -2.60	38.49 0.67 -6.03	49.59 1.01 -8.21	56.94 1.29 -11.37	57.51 1.36 -10.64	56.20 1.08 -9.88	58.78 1.08 -10.76	59.79 1.02 -10.44	57.12 1.07 -7.35	63.18 1.11 -9.19	59.65 1.00 -5.66	60.93 1.17 -4.33	65.46 1.05 -6.27	75.11 1.10 -9.54	69.77 1.17 -10.20	69.72 1.39 -10.49	60.08 1.13 -10.03	49.71 0.88 -4.82	44.41 0.60 -4.00	39.52 0.54 -3.34
DANSKAMMER__1 23586	37.19 1.22 0.00	33.27 0.97 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.89 1.51 -0.10	47.50 1.41 -0.58	47.56 1.63 -0.69	49.10 1.41 -0.76	50.48 1.45 -0.69	50.79 1.41 -0.68	55.22 1.64 -0.70	55.57 1.43 -1.15	58.40 1.77 -1.20	61.32 2.09 -1.08	68.10 2.32 -1.31	60.73 2.10 -0.23	60.24 2.02 -0.37	50.64 1.66 -0.05	45.55 1.54 0.00	41.96 1.63 -0.51	37.28 1.32 -0.32
DANSKAMMER__2 23589	37.19 1.22 0.00	33.27 0.97 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.89 1.51 -0.10	47.50 1.41 -0.58	47.56 1.63 -0.69	49.10 1.41 -0.76	50.48 1.45 -0.69	50.79 1.41 -0.68	55.22 1.64 -0.70	55.57 1.43 -1.15	58.40 1.77 -1.20	61.32 2.09 -1.08	68.10 2.32 -1.31	60.73 2.10 -0.23	60.24 2.02 -0.37	50.64 1.66 -0.05	45.55 1.54 0.00	41.96 1.63 -0.51	37.28 1.32 -0.32
DANSKAMMER__3 23590	37.19 1.22 0.00	33.27 0.97 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.89 1.51 -0.10	47.50 1.41 -0.58	47.56 1.63 -0.69	49.10 1.41 -0.76	50.48 1.45 -0.69	50.79 1.41 -0.68	55.22 1.64 -0.70	55.57 1.43 -1.15	58.40 1.77 -1.20	61.32 2.09 -1.08	68.10 2.32 -1.31	60.73 2.10 -0.23	60.24 2.02 -0.37	50.64 1.66 -0.05	45.55 1.54 0.00	41.96 1.63 -0.51	37.28 1.32 -0.32

DANSKAMMER___4 23591	37.19 1.22 0.00	33.27 0.97 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.89 1.51 -0.10	47.50 1.41 -0.58	47.56 1.63 -0.69	49.10 1.41 -0.76	50.48 1.45 -0.69	50.79 1.41 -0.68	55.22 1.64 -0.70	55.57 1.43 -1.15	58.40 1.77 -1.20	61.32 2.09 -1.08	68.10 2.32 -1.31	60.73 2.10 -0.23	60.24 2.02 -0.37	50.64 1.66 -0.05	45.55 1.54 0.00	41.96 1.63 -0.51	37.28 1.32 -0.32
DANSKAMMER___DIESEL 23592	37.19 1.22 0.00	33.30 1.00 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.94 1.55 -0.10	47.54 1.46 -0.58	47.38 1.45 -0.69	49.15 1.46 -0.76	50.38 1.35 -0.69	50.74 1.36 -0.68	55.17 1.59 -0.70	55.51 1.38 -1.15	58.29 1.66 -1.20	61.21 1.98 -1.08	67.98 2.19 -1.31	60.67 2.04 -0.23	60.18 1.97 -0.37	50.49 1.57 0.00	45.55 1.54 0.00	41.96 1.63 -0.51	37.28 1.32 -0.32
DARBY___SOLAR 323810	36.79 0.83 0.00	33.04 0.74 0.00	31.81 0.78 0.00	30.29 0.71 0.00	30.97 0.76 0.00	32.61 0.83 0.00	41.54 1.17 0.00	45.46 1.29 0.12	46.02 1.23 0.72	45.73 1.36 0.86	47.12 1.12 0.94	48.64 1.16 0.86	48.88 1.02 0.85	53.18 1.16 0.87	52.77 1.22 1.44	55.32 1.39 1.50	65.90 1.57 -6.18	77.59 1.80 -11.31	72.82 1.75 -12.67	66.66 1.56 -7.25	50.33 1.47 0.06	45.33 1.32 0.00	40.41 1.24 0.64	36.25 1.00 0.39
DASHVILLE___HYD 23610	36.94 0.97 0.00	33.08 0.78 0.00	31.78 0.74 0.00	30.21 0.62 0.00	30.82 0.60 0.00	32.46 0.67 0.00	41.30 0.93 0.00	45.86 1.51 -0.06	47.29 1.41 -0.37	47.04 1.36 -0.44	48.74 1.31 -0.48	49.94 1.16 -0.44	50.35 1.22 -0.43	54.71 1.38 -0.45	54.89 1.17 -0.73	57.69 1.50 -0.77	59.77 1.80 0.18	65.82 2.00 0.65	58.98 1.93 1.35	59.04 1.85 0.65	49.95 1.03 0.00	45.11 1.10 0.00	41.73 1.59 -0.33	37.10 1.25 -0.20
DELAWARE___LFGE 323621	37.42 0.79 -0.67	33.52 0.71 -0.51	32.15 0.71 -0.40	30.62 0.65 -0.38	31.28 0.66 -0.41	33.20 0.70 -0.71	42.12 0.93 -0.82	47.08 1.15 -1.63	48.04 1.09 -1.44	47.51 1.09 -1.18	49.56 1.08 -1.54	50.99 1.11 -1.54	51.34 1.07 -1.57	55.31 1.11 -1.31	55.51 1.06 -1.46	58.06 1.16 -1.47	61.03 1.22 -1.67	67.83 1.42 -1.94	61.25 1.17 -1.68	60.71 1.16 -1.71	51.29 1.08 -1.29	45.93 0.92 -1.00	41.45 0.88 -0.76	37.02 0.75 -0.62
DERFIELD_115KV_TB7 355931	35.93 -0.04 0.00	32.53 -0.03 -0.26	31.13 -0.03 -0.12	29.68 -0.03 -0.13	30.37 -0.03 -0.19	32.31 -0.03 -0.55	41.18 0.00 -0.81	45.25 0.04 -0.91	46.40 0.00 -0.89	46.14 0.00 -0.89	47.80 0.00 -0.86	49.18 0.00 -0.84	49.09 0.00 -0.39	53.64 0.00 -0.76	53.18 0.00 -0.19	55.43 0.00 0.00	58.34 0.00 -0.19	64.94 0.06 -0.40	59.10 0.06 -0.64	58.51 0.00 -0.67	49.80 0.05 -0.83	44.24 0.04 -0.19	40.05 0.04 -0.19	35.85 0.04 -0.17
DOGLEVILLE___HYD 23807	34.56 -1.40 0.00	31.21 -1.36 -0.26	29.82 -1.33 -0.12	28.32 -1.39 -0.13	28.95 -1.45 -0.19	30.91 -1.43 -0.55	39.53 -1.66 -0.81	43.43 -1.77 -0.91	44.67 -1.73 -0.89	44.55 -1.58 -0.89	46.54 -1.27 -0.86	48.21 -0.97 -0.84	48.26 -0.83 -0.39	52.69 -0.95 -0.76	52.33 -0.85 -0.19	54.60 -0.83 0.00	57.35 -0.99 -0.19	63.91 -0.97 -0.40	58.28 -0.76 -0.64	57.88 -0.64 -0.67	49.31 -0.44 -0.83	43.80 -0.40 -0.19	39.65 -0.36 -0.19	35.46 -0.36 -0.17
DUNKIRK___115KV_TB_200 55889	38.88 1.83 -1.08	35.06 1.94 -0.83	33.11 1.43 -0.64	31.83 1.63 -0.62	32.44 1.57 -0.66	34.71 1.78 -1.15	43.35 1.66 -1.32	48.57 1.64 -2.64	49.21 1.37 -2.34	48.10 0.95 -1.91	50.56 1.13 -2.49	52.31 1.55 -2.43	52.54 1.36 -2.48	56.22 1.27 -2.06	56.45 1.17 -2.30	57.97 0.22 -2.31	60.54 -0.23 -2.62	66.94 -0.58 -3.05	61.39 0.35 -2.64	61.46 0.93 -2.69	51.64 0.68 -2.03	46.15 0.57 -1.57	41.58 0.56 -1.20	37.55 0.93 -0.98
DUNKIRK___1 23563	38.88 1.83 -1.08	35.06 1.94 -0.83	33.11 1.43 -0.64	31.83 1.63 -0.62	32.44 1.57 -0.66	34.71 1.78 -1.15	43.35 1.66 -1.32	48.57 1.64 -2.64	49.21 1.37 -2.34	48.10 0.95 -1.91	50.56 1.13 -2.49	52.31 1.55 -2.43	52.54 1.36 -2.48	56.22 1.27 -2.06	56.45 1.17 -2.30	57.97 0.22 -2.31	60.54 -0.23 -2.62	66.94 -0.58 -3.05	61.39 0.35 -2.64	61.46 0.93 -2.69	51.64 0.68 -2.03	46.15 0.57 -1.57	41.58 0.56 -1.20	37.55 0.93 -0.98
DUNKIRK___2 23564	38.88 1.83 -1.08	35.06 1.94 -0.83	33.11 1.43 -0.64	31.83 1.63 -0.62	32.44 1.57 -0.66	34.71 1.78 -1.15	43.35 1.66 -1.32	48.57 1.64 -2.64	49.21 1.37 -2.34	48.10 0.95 -1.91	50.56 1.13 -2.49	52.31 1.55 -2.43	52.54 1.36 -2.48	56.22 1.27 -2.06	56.45 1.17 -2.30	57.97 0.22 -2.31	60.54 -0.23 -2.62	66.94 -0.58 -3.05	61.39 0.35 -2.64	61.46 0.93 -2.69	51.64 0.68 -2.03	46.15 0.57 -1.57	41.58 0.56 -1.20	37.55 0.93 -0.98
DUNKIRK___3 23565	38.66 1.62 -1.08	34.87 1.74 -0.82	32.89 1.21 -0.64	31.62 1.42 -0.61	32.23 1.36 -0.66	34.46 1.53 -1.14	43.02 1.33 -1.32	48.26 1.33 -2.64	48.89 1.05 -2.33	47.78 0.63 -1.91	50.23 0.80 -2.49	51.97 1.21 -2.42	52.24 1.07 -2.47	55.84 0.90 -2.06	56.07 0.79 -2.29	57.63 -0.11 -2.31	60.12 -0.64 -2.62	66.49 -1.03 -3.04	60.98 -0.06 -2.64	60.99 0.46 -2.69	51.29 0.34 -2.02	45.84 0.26 -1.57	41.29 0.28 -1.20	37.30 0.68 -0.98
DUNKIRK___4 23566	38.66 1.62 -1.08	34.87 1.74 -0.82	32.89 1.21 -0.64	31.62 1.42 -0.61	32.23 1.36 -0.66	34.46 1.53 -1.14	43.02 1.33 -1.32	48.26 1.33 -2.64	48.89 1.05 -2.33	47.78 0.63 -1.91	50.23 0.80 -2.49	51.97 1.21 -2.42	52.24 1.07 -2.47	55.84 0.90 -2.06	56.07 0.79 -2.29	57.63 -0.11 -2.31	60.12 -0.64 -2.62	66.49 -1.03 -3.04	60.98 -0.06 -2.64	60.99 0.46 -2.69	51.29 0.34 -2.02	45.84 0.26 -1.57	41.29 0.28 -1.20	37.30 0.68 -0.98
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.26 1.29 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.41 0.83 0.00	31.06 0.85 0.00	32.84 1.05 0.00	41.82 1.45 0.00	46.14 1.73 -0.12	47.85 1.59 -0.75	47.86 1.72 -0.90	49.76 1.83 -0.99	50.98 1.74 -0.90	51.34 1.75 -0.89	55.75 1.96 -0.91	56.23 1.75 -1.50	59.10 2.11 -1.56	61.95 2.38 -1.41	68.83 2.64 -1.71	60.92 2.22 -0.30	60.29 1.97 -0.48	50.49 1.57 0.00	45.50 1.50 0.00	42.19 1.71 -0.67	37.45 1.39 -0.41
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.01 1.04 0.00	33.14 0.84 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.91 0.69 0.00	32.58 0.79 0.00	41.46 1.09 0.00	45.72 1.33 -0.10	47.33 1.23 -0.59	47.18 1.22 -0.71	48.94 1.22 -0.78	50.16 1.11 -0.71	50.57 1.17 -0.70	54.93 1.32 -0.72	55.28 1.11 -1.19	58.05 1.39 -1.24	60.95 1.69 -1.12	67.70 1.87 -1.35	60.33 1.69 -0.24	59.84 1.62 -0.38	50.20 1.27 0.00	45.28 1.28 0.00	41.73 1.39 -0.53	37.08 1.11 -0.33
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.66 1.69 -0.01	33.63 1.32 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.07 1.27 -0.01	41.99 1.61 0.00	45.92 1.51 -0.12	47.49 1.23 -0.75	47.50 1.36 -0.90	49.38 1.46 -0.99	50.59 1.35 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.81 1.32 -1.50	58.70 1.72 -1.55	61.54 1.98 -1.41	68.50 2.32 -1.71	60.57 1.87 -0.30	59.94 1.62 -0.48	50.15 1.22 0.00	45.55 1.54 0.00	42.56 2.07 -0.67	37.82 1.75 -0.42

E179THST_13_KV_LOAD 356214	37.84 1.87 -0.01	33.79 1.49 -0.01	32.38 1.33 -0.01	30.81 1.21 -0.01	31.43 1.21 -0.01	33.23 1.43 -0.01	42.19 1.82 0.00	46.14 1.73 -0.12	47.76 1.50 -0.75	47.77 1.63 -0.90	49.71 1.78 -0.99	50.88 1.64 -0.89	51.23 1.66 -0.88	55.64 1.85 -0.90	56.13 1.64 -1.50	59.04 2.05 -1.55	61.95 2.38 -1.41	68.96 2.77 -1.71	60.92 2.22 -0.30	60.35 2.02 -0.48	50.44 1.52 0.00	45.85 1.85 0.00	42.80 2.31 -0.67	37.99 1.93 -0.42
EAST HAMPTON___GT 23717	37.69 1.73 0.00	33.20 0.90 0.00	31.88 0.84 0.00	29.93 0.36 0.01	30.54 0.33 0.01	32.74 0.95 0.00	41.78 1.41 0.00	45.52 1.11 -0.12	46.72 0.68 -0.53	46.77 0.90 -0.62	47.60 0.94 0.28	47.79 0.77 1.32	47.33 0.54 1.91	46.47 0.42 6.84	49.57 0.11 3.52	49.52 0.39 6.30	54.60 0.64 4.19	66.81 0.64 -1.69	54.34 0.29 4.35	50.03 -0.06 7.76	43.50 -0.34 5.08	43.30 -0.40 0.31	40.27 -0.20 -0.66	36.49 0.43 -0.41
EAST RIVER___6 23660	37.55 1.58 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.62 1.03 0.00	31.24 1.03 0.00	33.03 1.24 0.00	41.99 1.62 0.00	46.36 1.95 -0.12	48.08 1.82 -0.75	48.40 2.26 -0.90	50.13 2.21 -0.99	51.51 2.27 -0.90	51.73 2.14 -0.89	56.23 2.43 -0.91	56.71 2.22 -1.50	59.71 2.72 -1.56	62.58 3.02 -1.41	69.41 3.22 -1.71	61.39 2.69 -0.30	60.70 2.37 -0.48	50.95 1.96 -0.07	45.90 1.89 0.00	42.55 2.07 -0.67	37.84 1.78 -0.41
EAST RIVER___7 23524	37.55 1.58 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.62 1.03 0.00	31.24 1.03 0.00	33.03 1.24 0.00	41.99 1.62 0.00	46.36 1.95 -0.12	48.08 1.82 -0.75	48.40 2.26 -0.90	50.13 2.21 -0.99	51.51 2.27 -0.90	51.73 2.14 -0.89	56.23 2.43 -0.91	56.71 2.22 -1.50	59.71 2.72 -1.56	62.58 3.02 -1.41	69.41 3.22 -1.71	61.39 2.69 -0.30	60.70 2.37 -0.48	50.95 1.96 -0.07	45.90 1.89 0.00	42.55 2.07 -0.67	37.84 1.78 -0.41
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.19 1.22 0.00	33.27 0.97 0.00	31.91 0.87 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.77 0.99 0.00	41.70 1.33 0.00	46.06 1.64 -0.12	47.76 1.50 -0.75	47.72 1.58 -0.90	49.61 1.69 -0.98	50.83 1.60 -0.90	51.19 1.61 -0.88	55.59 1.80 -0.91	56.07 1.59 -1.50	58.93 1.94 -1.56	61.77 2.21 -1.41	68.63 2.45 -1.71	60.74 2.04 -0.30	60.18 1.85 -0.48	50.34 1.42 0.00	45.41 1.41 0.00	42.07 1.59 -0.67	37.34 1.28 -0.41
EAST_HAMPTON___DIESEL 23722	37.69 1.73 0.00	33.20 0.90 0.00	31.84 0.81 0.00	29.93 0.36 0.01	30.54 0.33 0.01	32.71 0.92 0.00	41.74 1.37 0.00	45.47 1.06 -0.12	46.63 0.59 -0.53	46.68 0.82 -0.62	47.51 0.85 0.28	47.70 0.68 1.32	47.18 0.39 1.91	46.37 0.32 6.84	49.46 0.00 3.52	49.35 0.22 6.30	54.42 0.46 4.19	66.62 0.45 -1.69	54.17 0.12 4.35	49.85 -0.23 7.76	43.35 -0.49 5.08	43.17 -0.53 0.31	40.15 -0.32 -0.66	36.42 0.36 -0.41
EAST_POINT___SOLAR 323840	38.23 2.27 0.00	34.30 2.00 0.00	32.99 1.96 0.00	31.42 1.83 0.00	32.15 1.94 0.00	33.95 2.16 0.00	43.48 3.11 0.00	47.69 3.46 0.06	48.22 3.10 0.38	47.45 2.67 0.46	48.36 1.93 0.50	50.20 2.32 0.46	50.88 2.63 0.45	55.33 2.91 0.46	55.29 3.07 0.77	58.07 3.44 0.80	61.03 3.61 0.72	67.99 4.39 0.87	62.63 4.38 0.15	61.94 4.34 0.25	52.66 3.77 0.03	47.35 3.34 0.00	42.34 2.87 0.34	37.83 2.39 0.21
EAST_PULASKI___ESR 323781	39.28 0.22 -3.10	35.85 0.19 -3.36	33.46 0.12 -2.30	31.94 0.12 -2.24	32.95 0.12 -2.62	37.38 0.22 -5.37	47.53 0.28 -6.87	55.71 0.40 -11.02	56.03 0.46 -10.06	54.42 0.32 -8.86	57.69 0.33 -10.41	58.68 0.24 -10.09	57.52 0.29 -8.52	61.95 0.32 -8.75	60.48 0.21 -7.29	62.25 0.22 -6.60	66.41 0.06 -8.21	75.25 -0.19 -10.97	68.92 0.00 -10.52	68.73 0.12 -10.77	58.24 0.10 -9.22	49.66 0.04 -5.61	44.19 -0.08 -4.45	39.35 0.04 -3.67
EAST_RIVER___1 323558	37.48 1.51 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.59 1.01 0.00	31.21 1.00 0.00	33.00 1.21 0.00	42.03 1.66 0.00	46.32 1.90 -0.12	48.03 1.77 -0.75	48.31 2.17 -0.90	49.99 2.06 -0.99	51.36 2.12 -0.90	51.63 2.05 -0.89	56.12 2.32 -0.91	56.61 2.12 -1.50	59.54 2.55 -1.56	62.47 2.91 -1.41	69.34 3.16 -1.71	61.33 2.63 -0.30	60.64 2.32 -0.48	50.85 1.86 -0.07	45.77 1.76 0.00	42.47 1.99 -0.67	37.74 1.68 -0.41
EAST_RIVER___2 323559	37.55 1.58 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.62 1.03 0.00	31.24 1.03 0.00	33.03 1.24 0.00	41.99 1.62 0.00	46.36 1.95 -0.12	48.08 1.82 -0.75	48.40 2.26 -0.90	50.13 2.21 -0.99	51.51 2.27 -0.90	51.73 2.14 -0.89	56.23 2.43 -0.91	56.71 2.22 -1.50	59.71 2.72 -1.56	62.58 3.02 -1.41	69.41 3.22 -1.71	61.39 2.69 -0.30	60.70 2.37 -0.48	50.95 1.96 -0.07	45.90 1.89 0.00	42.55 2.07 -0.67	37.84 1.78 -0.41
EAST___DELAWARE_HYD 23607	37.15 1.19 0.00	33.20 0.90 0.00	31.90 0.87 0.00	30.29 0.71 0.00	30.93 0.72 0.00	32.65 0.86 0.00	41.58 1.21 0.00	45.83 1.46 -0.08	47.33 1.32 -0.50	47.29 1.45 -0.60	48.77 1.17 -0.66	50.10 1.16 -0.60	50.41 1.12 -0.59	54.81 1.32 -0.61	55.15 1.16 -1.00	57.91 1.44 -1.04	60.95 1.86 -0.94	67.74 2.12 -1.14	60.64 2.04 -0.20	60.19 2.02 -0.32	50.63 1.66 -0.04	45.55 1.54 0.00	41.81 1.55 -0.44	37.20 1.28 -0.27
EIGHT_POINT___WT_PWR 323820	38.52 1.19 -1.37	34.55 1.20 -1.05	32.69 0.84 -0.82	31.31 0.95 -0.78	31.99 0.94 -0.84	34.36 1.11 -1.46	43.23 1.17 -1.68	49.11 1.46 -3.36	50.07 1.59 -2.97	48.44 0.77 -2.43	51.10 0.99 -3.17	52.20 0.77 -3.09	52.53 0.68 -3.15	56.25 0.74 -2.63	56.49 0.58 -2.93	58.38 0.00 -2.95	61.19 -0.29 -3.34	67.96 -0.38 -3.86	62.45 0.70 -3.35	62.64 1.39 -3.41	52.37 0.88 -2.57	46.66 0.66 -1.99	41.74 0.40 -1.53	37.74 0.85 -1.24
ELBRIDGE_115KV_TB2 80188	38.70 0.07 -2.66	34.67 0.10 -2.27	32.76 0.03 -1.69	31.27 0.06 -1.63	32.07 0.06 -1.80	35.20 0.10 -3.32	44.48 0.12 -3.99	51.84 0.22 -7.33	52.25 0.18 -6.56	50.89 0.14 -5.51	54.05 0.19 -6.92	55.29 0.24 -6.71	55.32 0.19 -6.42	58.84 0.21 -5.74	58.96 0.16 -5.81	61.11 0.00 -5.68	64.64 -0.12 -6.61	72.12 -0.19 -7.84	65.51 0.06 -7.06	65.16 0.12 -7.20	54.73 0.10 -5.71	48.08 0.04 -4.03	42.94 0.00 -3.13	38.20 0.00 -2.55
ELEC_TRO_TEK 24086	37.12 1.15 0.00	32.98 0.68 0.00	31.63 0.59 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.52 0.73 0.00	41.54 1.17 0.00	45.43 1.02 -0.12	47.07 0.86 -0.69	47.02 0.95 -0.83	48.84 1.22 -0.68	49.87 1.16 -0.37	50.04 1.12 -0.22	53.18 1.22 0.92	54.35 1.06 -0.30	56.56 1.44 0.31	59.91 1.69 -0.08	67.98 1.81 -1.70	59.05 1.46 0.81	57.64 1.27 1.48	48.58 0.88 1.23	44.81 0.88 0.08	41.71 1.23 -0.66	37.20 1.14 -0.41
ELLENBURG_WT_PWR 323604	36.40 0.43 0.00	33.25 0.32 -0.62	31.57 0.25 -0.29	30.12 0.24 -0.30	30.91 0.24 -0.46	33.39 0.29 -1.32	42.35 0.04 -1.94	45.98 -0.49 -2.17	46.76 -0.87 -2.12	46.65 -0.73 -2.13	48.25 -0.75 -2.06	49.18 -1.16 -2.00	49.04 -0.58 -0.92	53.80 -0.90 -1.81	52.87 -0.58 -0.46	54.88 -0.55 0.00	58.14 -0.47 -0.46	65.11 -0.32 -0.95	59.68 -0.23 -1.52	59.02 -0.40 -1.58	50.39 -0.49 -1.96	44.64 0.18 -0.46	40.67 0.40 -0.46	36.27 0.22 -0.40

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.36 1.33 -1.06	34.60 1.49 -0.81	32.66 0.99 -0.63	31.40 1.21 -0.60	31.95 1.09 -0.65	34.15 1.24 -1.13	42.64 0.97 -1.30	47.73 0.84 -2.60	48.39 0.59 -2.30	47.30 0.18 -1.88	49.72 0.33 -2.45	51.55 0.82 -2.39	51.77 0.63 -2.43	55.39 0.48 -2.03	55.61 0.37 -2.26	57.09 -0.61 -2.27	59.50 -1.22 -2.58	65.60 -1.87 -2.99	60.12 -0.88 -2.60	60.14 -0.35 -2.65	50.72 -0.20 -1.99	45.37 -0.18 -1.54	40.92 -0.08 -1.18	37.07 0.46 -0.96
EMPIRE_CC_1 323656	35.82 -0.14 0.00	32.11 -0.19 0.00	30.88 -0.15 0.00	29.50 -0.09 0.00	30.15 -0.06 0.00	31.72 -0.06 0.00	40.29 -0.08 0.00	44.05 -0.09 0.15	44.47 -0.14 0.91	44.20 0.05 1.09	45.57 -0.19 1.19	47.06 -0.19 1.08	47.34 -0.29 1.07	51.48 -0.32 1.09	50.81 -0.37 1.81	53.33 -0.22 1.88	48.00 -0.12 10.03	48.00 -0.13 16.35	43.61 -0.12 14.67	48.34 -0.40 9.10	48.65 -0.19 0.08	43.87 -0.13 0.00	39.09 0.08 0.80	35.19 0.04 0.50
EMPIRE_CC_2 323658	35.82 -0.14 0.00	32.11 -0.19 0.00	30.88 -0.15 0.00	29.50 -0.09 0.00	30.15 -0.06 0.00	31.72 -0.06 0.00	40.29 -0.08 0.00	44.05 -0.09 0.15	44.47 -0.14 0.91	44.20 0.05 1.09	45.57 -0.19 1.19	47.06 -0.19 1.08	47.34 -0.29 1.07	51.48 -0.32 1.09	50.81 -0.37 1.81	53.33 -0.22 1.88	48.00 -0.12 10.03	48.00 -0.13 16.35	43.61 -0.12 14.67	48.34 -0.40 9.10	48.65 -0.19 0.08	43.87 -0.13 0.00	39.09 0.08 0.80	35.19 0.04 0.50
ENORWICH_115KV_TB1 80156	39.51 2.23 -1.32	35.15 1.84 -1.01	33.53 1.71 -0.79	31.93 1.60 -0.75	32.62 1.60 -0.81	35.16 1.97 -1.40	44.73 2.75 -1.62	50.71 3.19 -3.23	51.69 3.32 -2.86	50.56 2.99 -2.33	52.99 3.00 -3.05	54.51 3.19 -2.98	54.86 3.12 -3.04	58.65 3.23 -2.54	58.99 3.18 -2.82	61.60 3.33 -2.84	64.80 3.43 -3.22	72.48 4.26 -3.74	65.85 4.20 -3.25	65.55 4.40 -3.31	55.18 3.77 -2.49	48.84 2.90 -1.93	43.60 2.31 -1.48	38.81 1.96 -1.20
ERIE_ST__34_KV_TB1-2 80199	38.45 1.40 -1.08	34.64 1.52 -0.83	32.64 0.96 -0.64	31.38 1.18 -0.61	31.99 1.12 -0.66	34.21 1.27 -1.15	42.82 1.13 -1.32	48.13 1.20 -2.64	48.80 0.96 -2.34	47.78 0.63 -1.91	50.18 0.75 -2.49	51.93 1.16 -2.43	52.20 1.02 -2.48	55.85 0.90 -2.06	56.13 0.85 -2.30	57.64 -0.11 -2.32	60.07 -0.70 -2.62	66.30 -1.23 -3.05	60.81 -0.23 -2.64	60.83 0.29 -2.69	51.20 0.24 -2.03	45.67 0.09 -1.57	41.18 0.16 -1.20	37.09 0.46 -0.98
ERIE_WT_PWR 323693	38.52 1.48 -1.08	34.80 1.68 -0.82	32.86 1.18 -0.64	31.50 1.30 -0.61	32.05 1.18 -0.66	34.27 1.33 -1.14	42.90 1.21 -1.32	48.30 1.37 -2.64	49.39 1.55 -2.33	47.69 0.54 -1.91	50.60 1.17 -2.49	51.92 1.16 -2.42	52.39 1.22 -2.47	56.21 1.27 -2.06	56.28 1.00 -2.29	57.85 0.11 -2.31	60.13 -0.64 -2.62	66.22 -1.29 -3.03	60.56 -0.47 -2.63	60.93 0.41 -2.68	51.09 0.15 -2.02	45.66 0.09 -1.56	41.17 0.16 -1.20	37.48 0.85 -0.97
ESPRGFLD_115KV_TB1 80157	38.02 1.76 -0.30	34.08 1.55 -0.23	32.70 1.49 -0.18	31.15 1.39 -0.17	31.84 1.45 -0.18	33.69 1.59 -0.32	42.96 2.22 -0.36	47.60 2.61 -0.69	48.44 2.50 -0.43	47.82 2.31 -0.27	49.50 2.16 -0.40	51.11 2.32 -0.45	51.51 2.34 -0.47	55.71 2.49 -0.34	55.72 2.49 -0.24	58.32 2.66 -0.23	61.24 2.73 -0.36	68.17 3.29 -0.40	62.12 3.04 -0.69	61.56 3.07 -0.65	52.21 2.69 -0.59	46.80 2.33 -0.46	41.97 1.99 -0.16	37.46 1.64 -0.17
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.60 0.90 -1.74	34.44 0.81 -1.33	32.76 0.68 -1.04	31.26 0.68 -0.99	31.97 0.69 -1.06	34.43 0.79 -1.85	43.55 1.05 -2.13	49.83 1.28 -4.26	50.50 1.23 -3.77	49.45 1.13 -3.08	52.08 1.13 -4.02	53.41 1.16 -3.91	53.81 1.12 -3.99	57.37 1.16 -3.32	57.80 1.11 -3.70	60.21 1.05 -3.73	63.47 1.10 -4.22	70.61 1.23 -4.91	64.11 1.46 -4.26	63.68 1.50 -4.34	53.51 1.32 -3.27	47.59 1.06 -2.53	42.59 0.84 -1.94	37.97 0.75 -1.58
ETNA____115KV_TB2 80207	38.60 0.90 -1.74	34.44 0.81 -1.33	32.76 0.68 -1.04	31.26 0.68 -0.99	31.97 0.69 -1.06	34.43 0.79 -1.85	43.55 1.05 -2.13	49.83 1.28 -4.26	50.50 1.23 -3.77	49.45 1.13 -3.08	52.08 1.13 -4.02	53.41 1.16 -3.91	53.81 1.12 -3.99	57.37 1.16 -3.32	57.80 1.11 -3.70	60.21 1.05 -3.73	63.47 1.10 -4.22	70.61 1.23 -4.91	64.11 1.46 -4.26	63.68 1.50 -4.34	53.51 1.32 -3.27	47.59 1.06 -2.53	42.59 0.84 -1.94	37.97 0.75 -1.58
EUCLID__115KV_TB2 356179	37.48 -0.11 -1.62	33.77 -0.10 -1.56	32.03 -0.12 -1.11	30.54 -0.12 -1.08	31.32 -0.12 -1.23	34.06 -0.13 -2.40	43.19 -0.16 -2.99	49.29 -0.09 -5.09	49.97 -0.14 -4.60	49.07 -0.14 -3.97	51.65 -0.09 -4.81	52.91 -0.10 -4.66	52.78 -0.10 -4.18	56.80 -0.11 -4.02	56.45 -0.21 -3.68	58.56 -0.33 -3.47	61.84 -0.47 -4.16	68.89 -0.64 -5.05	62.73 -0.41 -4.74	62.35 -0.35 -4.85	52.73 -0.24 -4.05	46.33 -0.26 -2.59	41.57 -0.28 -2.04	37.07 -0.25 -1.67
E_CANADA_CAP_HY 24051	37.94 1.98 0.00	34.04 1.74 0.00	32.74 1.71 0.00	31.18 1.60 0.00	31.87 1.66 0.00	33.63 1.84 0.00	42.99 2.62 0.00	47.20 2.97 0.06	47.90 2.73 0.34	47.32 2.49 0.41	48.56 2.06 0.45	50.16 2.22 0.41	50.64 2.34 0.40	55.06 2.59 0.41	55.01 2.70 0.68	57.71 2.99 0.71	60.53 3.02 0.64	67.38 3.67 0.77	61.83 3.56 0.14	61.15 3.53 0.22	51.98 3.08 0.03	46.82 2.82 0.00	41.94 2.43 0.30	37.53 2.07 0.19
E_CANADA_MHWK_HY 24050	34.56 -1.40 0.00	31.21 -1.36 -0.26	29.79 -1.36 -0.12	28.32 -1.39 -0.13	28.96 -1.45 -0.19	30.91 -1.43 -0.55	39.53 -1.66 -0.81	43.38 -1.82 -0.91	44.67 -1.73 -0.89	44.60 -1.54 -0.89	46.54 -1.27 -0.86	48.21 -0.97 -0.84	48.26 -0.83 -0.39	52.74 -0.90 -0.76	52.39 -0.79 -0.19	54.60 -0.83 0.00	57.35 -0.99 -0.19	63.97 -0.90 -0.40	58.27 -0.76 -0.63	57.92 -0.58 -0.66	49.30 -0.44 -0.82	43.80 -0.40 -0.19	39.65 -0.36 -0.19	35.46 -0.36 -0.17
E_FISHKILL__LBMP 23776	36.76 0.79 0.00	32.91 0.61 0.00	31.63 0.59 0.00	30.09 0.50 0.00	30.75 0.54 0.00	32.42 0.64 0.00	41.22 0.85 0.00	45.48 1.06 -0.13	47.19 0.91 -0.77	47.16 1.00 -0.92	48.98 1.03 -1.01	50.23 0.97 -0.92	50.58 0.97 -0.91	54.87 1.06 -0.93	55.37 0.85 -1.53	58.19 1.16 -1.60	60.99 1.40 -1.45	67.71 1.48 -1.75	59.93 1.23 -0.31	59.38 1.04 -0.49	49.80 0.88 0.00	44.89 0.88 0.00	41.61 1.11 -0.68	36.96 0.89 -0.42
FALCON__SEABRD_CC1 323796	36.83 0.86 0.00	33.80 0.68 -0.82	32.01 0.59 -0.38	30.54 0.56 -0.39	31.42 0.60 -0.61	34.19 0.67 -1.74	43.06 0.12 -2.57	46.32 -0.84 -2.87	46.58 -1.73 -2.80	46.52 -1.54 -2.82	48.11 -1.55 -2.72	48.62 -2.37 -2.64	48.56 -1.36 -1.22	53.10 -2.17 -2.39	51.90 -1.70 -0.61	53.65 -1.78 0.00	57.13 -1.63 -0.61	64.18 -1.55 -1.26	59.18 -1.23 -2.01	58.43 -1.50 -2.09	50.29 -1.22 -2.59	44.88 0.27 -0.60	41.37 0.95 -0.60	36.90 0.71 -0.53
FALCON__SEABRD_CC2 323797	36.83 0.86 0.00	33.80 0.68 -0.82	32.01 0.59 -0.38	30.54 0.56 -0.39	31.42 0.60 -0.61	34.19 0.67 -1.74	43.06 0.12 -2.57	46.32 -0.84 -2.87	46.58 -1.73 -2.80	46.52 -1.54 -2.82	48.11 -1.55 -2.72	48.62 -2.37 -2.64	48.56 -1.36 -1.22	53.10 -2.17 -2.39	51.90 -1.70 -0.61	53.65 -1.78 0.00	57.13 -1.63 -0.61	64.18 -1.55 -1.26	59.18 -1.23 -2.01	58.43 -1.50 -2.09	50.29 -1.22 -2.59	44.88 0.27 -0.60	41.37 0.95 -0.60	36.90 0.71 -0.53

FAR ROCKAWAY___4 23548	37.66 1.69 0.00	33.40 1.10 0.00	32.03 0.99 0.00	30.29 0.71 0.01	30.93 0.73 0.01	32.96 1.18 0.00	42.15 1.78 0.00	46.05 1.64 -0.12	47.69 1.46 -0.72	47.69 1.58 -0.87	49.81 2.02 -0.85	51.08 2.08 -0.67	51.30 2.00 -0.60	55.18 2.17 -0.13	56.03 2.07 -0.98	58.62 2.44 -0.75	61.77 2.79 -0.83	69.21 3.03 -1.70	60.78 2.57 0.18	59.79 2.31 0.37	50.15 1.76 0.53	45.60 1.63 0.04	42.30 1.83 -0.66	37.70 1.64 -0.41
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.80 1.83 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.56 0.98 0.00	31.21 1.00 0.00	33.00 1.21 0.00	42.03 1.66 0.00	46.41 1.99 -0.12	48.08 1.82 -0.75	48.09 1.95 -0.90	50.04 2.11 -0.99	51.27 2.03 -0.90	51.63 2.05 -0.89	56.07 2.27 -0.91	56.50 2.01 -1.50	59.43 2.44 -1.56	62.35 2.79 -1.41	69.21 3.03 -1.71	61.85 3.15 -0.30	60.58 2.26 -0.48	50.68 1.76 0.00	45.77 1.76 0.00	42.47 1.99 -0.67	37.70 1.64 -0.41
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.55 1.58 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.59 1.01 0.00	31.24 1.03 0.00	33.03 1.24 0.00	42.07 1.70 0.00	46.41 1.99 -0.12	48.13 1.87 -0.75	48.13 1.99 -0.90	50.04 2.11 -0.99	51.27 2.03 -0.90	51.63 2.05 -0.89	56.07 2.27 -0.91	56.55 2.07 -1.50	59.49 2.49 -1.56	62.35 2.79 -1.41	69.21 3.03 -1.71	61.27 2.57 -0.30	60.64 2.31 -0.48	50.68 1.76 0.00	45.77 1.76 0.00	42.47 1.99 -0.67	37.74 1.68 -0.41
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.48 1.51 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.56 0.98 0.00	31.21 1.00 0.00	33.00 1.21 0.00	42.03 1.66 0.00	46.37 1.95 -0.12	48.08 1.82 -0.75	48.09 1.95 -0.90	49.99 2.07 -0.99	51.22 1.98 -0.90	51.58 2.00 -0.89	56.02 2.22 -0.91	56.44 1.96 -1.50	59.43 2.44 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.64 1.71 0.00	45.72 1.72 0.00	42.43 1.95 -0.67	37.70 1.64 -0.41
FARRAGUT___LBMP 323566	37.44 1.47 0.00	33.50 1.20 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.99 1.61 0.00	46.32 1.90 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.94 2.02 -0.99	51.17 1.93 -0.90	51.53 1.95 -0.89	55.96 2.17 -0.91	56.39 1.91 -1.50	59.32 2.33 -1.56	62.24 2.67 -1.41	69.09 2.90 -1.71	61.09 2.39 -0.30	60.46 2.14 -0.48	50.59 1.66 0.00	45.68 1.67 0.00	42.39 1.91 -0.67	37.66 1.60 -0.41
FENNER___WINDPWR 24204	38.10 0.90 -1.23	34.57 0.77 -1.49	32.74 0.71 -0.99	31.20 0.65 -0.96	32.03 0.66 -1.16	35.08 0.83 -2.47	44.80 1.21 -3.22	50.68 1.46 -4.93	51.64 1.59 -4.54	50.75 1.45 -4.06	53.10 1.50 -4.66	54.41 1.55 -4.52	53.88 1.56 -3.63	58.52 1.69 -3.94	57.65 1.64 -3.02	59.78 1.72 -2.63	63.22 1.69 -3.39	70.78 1.93 -4.37	64.66 1.87 -4.40	64.32 1.97 -4.51	54.66 1.66 -4.07	47.50 1.28 -2.22	42.61 1.00 -1.80	37.99 0.85 -1.49
FIBERTEK___ENERGY 23856	38.75 0.22 -2.57	34.72 0.19 -2.23	32.81 0.12 -1.65	31.32 0.15 -1.59	32.13 0.15 -1.76	35.26 0.19 -3.28	44.58 0.24 -3.97	51.85 0.35 -7.21	52.33 0.36 -6.46	51.10 0.41 -5.45	54.21 0.47 -6.81	55.42 0.48 -6.59	55.44 0.49 -6.26	59.01 0.48 -5.65	59.05 0.42 -5.64	61.25 0.33 -5.49	64.79 0.23 -6.41	72.17 0.06 -7.62	65.60 0.29 -6.91	65.24 0.35 -7.05	54.85 0.29 -5.64	48.14 0.22 -3.92	43.02 0.16 -3.05	38.25 0.11 -2.49
FITZPATRICK___ 23598	21.33 -0.76 13.87	21.04 -0.65 10.61	22.12 -0.65 8.26	21.06 -0.62 7.90	21.10 -0.64 8.47	16.38 -0.67 14.74	22.50 -0.85 17.02	9.44 -0.89 33.97	14.60 -0.87 30.04	19.73 -0.95 24.56	13.96 -0.94 32.04	16.41 -0.97 30.96	16.15 -0.97 31.57	25.56 -1.01 26.31	22.56 -1.12 29.31	24.69 -1.22 29.52	23.32 -1.40 33.43	23.97 -1.61 38.90	23.32 -1.34 33.73	22.26 -1.22 34.37	21.97 -1.08 25.88	22.95 -1.01 20.05	23.53 -0.91 15.37	22.38 -0.78 12.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.26 1.29 0.00	33.37 1.07 0.00	32.03 0.99 0.00	30.44 0.86 0.00	31.09 0.88 0.00	32.81 1.02 0.00	41.74 1.37 0.00	46.03 1.64 -0.10	47.65 1.55 -0.59	47.49 1.54 -0.71	49.26 1.55 -0.77	50.50 1.45 -0.71	50.86 1.46 -0.70	55.29 1.69 -0.71	55.65 1.48 -1.18	58.43 1.77 -1.23	61.35 2.09 -1.11	68.07 2.26 -1.34	60.74 2.10 -0.23	60.30 2.08 -0.38	50.59 1.66 0.00	45.63 1.63 0.00	42.05 1.71 -0.52	37.33 1.35 -0.32
FORT ORANGE___ 23900	35.28 -0.68 0.00	31.66 -0.65 0.00	30.48 -0.56 0.00	29.05 -0.53 0.00	29.70 -0.51 0.00	31.28 -0.51 0.00	39.72 -0.65 0.00	43.59 -0.62 0.08	44.35 -0.68 0.47	44.04 -0.63 0.57	45.38 -0.94 0.62	46.81 -0.97 0.57	47.07 -1.07 0.56	51.10 -1.21 0.57	50.93 -1.12 0.94	53.34 -1.11 0.98	50.13 -0.99 7.03	51.91 -0.97 11.61	46.90 -0.76 10.74	50.22 -1.04 6.58	48.15 -0.73 0.04	43.35 -0.66 0.00	39.08 -0.32 0.42	35.03 -0.36 0.26
FORT_DRUM_COGEN 23780	38.72 1.26 -1.50	37.41 1.00 -4.11	34.26 0.96 -2.26	32.71 0.86 -2.27	34.16 0.85 -3.11	40.80 1.18 -7.84	53.21 1.78 -11.07	60.44 2.17 -13.98	61.05 2.23 -13.31	59.97 1.95 -12.79	62.01 1.83 -13.24	62.99 1.79 -12.86	58.35 1.85 -7.80	66.28 1.96 -11.44	60.20 1.85 -5.36	60.73 2.11 -3.19	66.05 2.09 -5.81	75.94 2.71 -8.76	72.01 2.69 -10.93	72.03 2.89 -11.29	63.56 2.45 -12.19	50.21 1.85 -4.35	45.06 1.39 -3.85	39.99 1.11 -3.23
FOX_HILLS___ESR 323835	28.01 1.58 9.54	24.64 0.87 8.53	23.26 0.78 8.56	23.20 0.65 7.04	23.17 0.63 7.68	24.15 0.76 8.40	23.78 1.01 17.60	25.11 1.06 20.25	25.68 0.86 20.70	25.06 0.95 21.13	26.04 1.22 22.12	25.82 1.02 23.53	26.61 1.02 23.12	28.07 1.16 25.98	33.92 1.06 20.12	35.25 1.44 21.62	38.36 1.80 21.59	39.57 1.68 26.59	42.01 1.64 18.02	42.02 1.39 17.21	35.24 1.03 14.71	30.72 1.19 14.48	28.93 1.63 12.51	27.52 1.32 9.45
FPL_FAR_ROCK_GT1 24212	37.66 1.69 0.00	33.37 1.06 0.00	32.00 0.96 0.00	30.29 0.71 0.01	30.93 0.72 0.01	32.96 1.18 0.00	42.14 1.77 0.00	46.00 1.59 -0.12	47.64 1.41 -0.72	47.92 1.81 -0.87	49.72 1.93 -0.85	51.18 2.18 -0.67	51.35 2.05 -0.60	55.29 2.27 -0.13	56.09 2.12 -0.98	58.68 2.50 -0.75	61.89 2.91 -0.83	69.34 3.16 -1.70	60.85 2.63 0.18	59.90 2.43 0.37	50.27 1.81 0.47	45.60 1.63 0.04	42.18 1.71 -0.66	37.74 1.68 -0.41
FPL_FAR_ROCK_GT2 23815	37.66 1.69 0.00	33.37 1.06 0.00	32.00 0.96 0.00	30.29 0.71 0.01	30.93 0.72 0.01	32.96 1.18 0.00	42.14 1.77 0.00	46.00 1.59 -0.12	47.64 1.41 -0.72	47.92 1.81 -0.87	49.72 1.93 -0.85	51.18 2.18 -0.67	51.35 2.05 -0.60	55.29 2.27 -0.13	56.09 2.12 -0.98	58.68 2.50 -0.75	61.89 2.91 -0.83	69.34 3.16 -1.70	60.85 2.63 0.18	59.90 2.43 0.37	50.27 1.81 0.47	45.60 1.63 0.04	42.18 1.71 -0.66	37.74 1.68 -0.41
FRANKLIN_FALL_HYD 24054	36.83 0.86 0.00	36.95 0.74 -3.91	33.50 0.65 -1.81	32.08 0.62 -1.87	33.74 0.63 -2.89	40.76 0.73 -8.24	53.43 0.89 -12.17	58.56 0.66 -13.61	59.70 0.91 -13.28	59.60 1.00 -13.37	60.83 0.99 -12.91	62.00 1.11 -12.55	55.61 1.12 -5.79	65.65 1.43 -11.33	57.52 1.64 -2.89	57.09 1.66 0.00	62.84 1.80 -2.89	72.68 2.19 -6.01	70.05 2.04 -9.61	69.75 1.91 -10.00	62.49 1.17 -12.39	47.91 1.01 -2.89	43.70 1.00 -2.89	38.98 0.78 -2.55

FREEPORT_EQUS_GT1 23764	37.22 1.26 0.00	33.01 0.71 0.00	31.66 0.62 0.00	29.96 0.38 0.01	30.60 0.39 0.01	32.61 0.83 0.00	41.66 1.29 0.00	45.43 1.02 -0.12	46.95 0.82 -0.63	47.21 1.22 -0.75	48.40 1.17 -0.28	49.36 1.35 0.33	49.26 1.22 0.66	50.88 1.37 3.38	52.97 1.27 1.28	54.24 1.61 2.80	58.43 1.98 1.69	68.37 2.19 -1.70	57.87 1.75 2.28	55.32 1.56 4.08	47.21 1.07 2.79	44.85 1.01 0.17	41.71 1.24 -0.66	37.34 1.28 -0.41
FREEPORT___CT2 23818	37.22 1.26 0.00	33.01 0.71 0.00	31.66 0.62 0.00	29.96 0.38 0.01	30.60 0.39 0.01	32.61 0.83 0.00	41.66 1.29 0.00	45.43 1.02 -0.12	46.95 0.82 -0.63	47.21 1.22 -0.75	48.40 1.17 -0.28	49.36 1.35 0.33	49.26 1.22 0.66	50.88 1.37 3.38	52.97 1.27 1.28	54.24 1.61 2.80	58.43 1.98 1.69	68.37 2.19 -1.70	57.87 1.75 2.28	55.32 1.56 4.08	47.21 1.07 2.79	44.85 1.01 0.17	41.71 1.24 -0.66	37.34 1.28 -0.41
FRESHKLS_33_KV_LOAD 356253	27.98 1.55 9.54	24.61 0.84 8.53	23.22 0.74 8.56	23.17 0.62 7.04	23.14 0.60 7.68	24.12 0.73 8.40	23.78 1.01 17.60	25.06 1.02 20.25	25.63 0.82 20.70	25.06 0.95 21.13	25.99 1.17 22.12	25.77 0.97 23.53	26.56 0.97 23.12	28.01 1.11 25.98	33.87 1.01 20.12	35.25 1.44 21.62	38.31 1.74 21.59	39.57 1.68 26.59	42.01 1.64 18.02	42.02 1.39 17.21	35.24 1.03 14.71	30.72 1.19 14.48	28.93 1.63 12.51	27.52 1.32 9.45
FULTON COGEN____ 23766	37.43 -0.04 -1.50	33.77 0.00 -1.47	32.02 -0.06 -1.04	30.57 -0.03 -1.01	31.34 -0.03 -1.15	34.06 0.00 -2.27	43.25 0.04 -2.84	49.22 0.13 -4.80	49.95 0.09 -4.35	49.05 0.05 -3.76	51.52 0.05 -4.53	52.78 0.05 -4.40	52.66 0.05 -3.91	56.68 0.00 -3.79	56.35 -0.05 -3.42	58.47 -0.17 -3.21	61.78 -0.23 -3.87	68.87 -0.32 -4.72	62.79 -0.06 -4.45	62.40 0.00 -4.55	52.75 0.00 -3.83	46.38 -0.04 -2.41	41.60 -0.12 -1.91	37.10 -0.11 -1.56
FULTON___LFGE 323630	37.83 1.87 0.00	33.95 1.65 0.00	32.65 1.61 0.00	31.09 1.51 0.00	31.78 1.57 0.00	33.57 1.78 0.00	42.92 2.54 0.00	47.06 2.84 0.07	47.66 2.55 0.39	47.16 2.40 0.47	48.35 1.93 0.52	49.90 2.03 0.47	50.28 2.05 0.47	54.73 2.32 0.48	54.69 2.49 0.79	57.44 2.83 0.82	60.42 3.02 0.74	67.25 3.67 0.90	61.80 3.56 0.16	61.12 3.53 0.25	51.97 3.08 0.04	46.74 2.73 0.00	41.85 2.39 0.35	37.43 2.00 0.22
G.F.CEMENT___DRP 24184	36.90 0.94 0.00	33.21 0.90 0.00	31.94 0.90 0.00	30.41 0.83 0.00	31.09 0.88 0.00	32.71 0.92 0.00	41.70 1.33 0.00	45.69 1.51 0.11	46.28 1.41 0.64	45.97 1.49 0.77	47.42 1.31 0.84	48.83 1.26 0.77	49.11 1.27 0.75	53.38 1.38 0.77	53.09 1.55 1.28	55.65 1.69 1.33	64.26 1.93 -4.43	74.62 1.99 -8.21	69.81 1.79 -9.42	64.99 1.79 -5.35	50.64 1.71 0.00	45.59 1.58 0.00	40.64 1.39 0.57	36.40 1.11 0.35
GARDENVILLE___LBMP 24039	38.40 1.33 -1.11	34.63 1.49 -0.85	32.66 0.96 -0.66	31.40 1.18 -0.63	31.94 1.06 -0.68	34.17 1.21 -1.18	42.74 1.01 -1.36	47.89 0.89 -2.71	48.54 0.64 -2.40	47.43 0.23 -1.96	49.87 0.38 -2.56	51.60 0.77 -2.49	51.87 0.63 -2.54	55.48 0.48 -2.12	55.72 0.37 -2.36	57.20 -0.61 -2.38	59.62 -1.22 -2.69	65.80 -1.81 -3.13	60.35 -0.76 -2.71	60.38 -0.23 -2.76	50.86 -0.15 -2.08	45.49 -0.13 -1.61	41.01 -0.04 -1.24	37.08 0.43 -1.00
GARDNVLA_35_KV_LD 355827	38.62 1.58 -1.07	34.80 1.68 -0.82	32.85 1.18 -0.64	31.56 1.36 -0.61	32.10 1.24 -0.65	34.32 1.40 -1.14	42.98 1.29 -1.31	48.16 1.24 -2.62	48.87 1.05 -2.32	47.82 0.68 -1.90	50.21 0.80 -2.47	52.06 1.31 -2.41	52.28 1.12 -2.46	55.99 1.06 -2.05	56.22 0.95 -2.28	57.73 0.00 -2.30	60.11 -0.64 -2.60	66.34 -1.16 -3.03	60.79 -0.23 -2.62	60.81 0.29 -2.67	51.28 0.34 -2.01	45.79 0.22 -1.56	41.29 0.28 -1.20	37.30 0.68 -0.97
GELCKHM___115KV_LOAD 80723	37.93 0.00 -1.96	34.10 0.00 -1.80	32.31 -0.03 -1.31	30.84 0.00 -1.26	31.60 -0.03 -1.42	34.50 0.00 -2.71	43.70 0.00 -3.33	50.21 0.09 -5.83	50.85 0.09 -5.26	49.82 0.09 -4.49	52.59 0.14 -5.51	53.83 0.15 -5.34	53.76 0.15 -4.92	57.58 0.11 -4.59	57.42 0.05 -4.38	59.56 -0.06 -4.19	62.93 -0.17 -4.96	70.12 -0.32 -5.97	63.79 -0.12 -5.51	63.41 -0.06 -5.63	53.48 -0.05 -4.61	46.98 -0.09 -3.06	42.09 -0.12 -2.40	37.50 -0.11 -1.96
GENERAL___MILLS 23808	38.48 1.44 -1.08	34.71 1.58 -0.82	32.76 1.09 -0.64	31.47 1.27 -0.61	32.05 1.18 -0.66	34.27 1.34 -1.14	42.86 1.17 -1.32	47.99 1.06 -2.64	48.70 0.86 -2.33	47.60 0.45 -1.91	50.04 0.61 -2.49	51.83 1.06 -2.42	52.05 0.88 -2.47	55.74 0.79 -2.06	55.97 0.69 -2.29	57.46 -0.28 -2.31	59.83 -0.93 -2.62	66.04 -1.48 -3.04	60.51 -0.53 -2.64	60.53 0.00 -2.69	51.04 0.10 -2.02	45.62 0.04 -1.57	41.14 0.12 -1.20	37.20 0.57 -0.98
GE_PLASTICS___DRP 24183	35.35 -0.61 0.00	31.72 -0.58 0.00	30.54 -0.50 0.00	29.11 -0.47 0.00	29.76 -0.45 0.00	31.31 -0.48 0.00	39.72 -0.65 0.00	43.61 -0.62 0.06	44.52 -0.64 0.35	44.14 -0.68 0.42	45.73 -0.75 0.46	47.05 -0.87 0.42	47.41 -0.88 0.41	51.51 -0.95 0.42	51.28 -1.01 0.70	53.76 -0.94 0.73	52.31 -0.87 4.97	55.32 -0.97 8.19	49.98 -0.88 7.54	52.17 -1.04 4.63	48.09 -0.83 0.00	43.35 -0.66 0.00	39.14 -0.36 0.31	35.53 0.07 0.19
GILBOA___1 23756	36.25 0.29 0.00	32.62 0.32 0.00	31.50 0.47 0.00	30.03 0.44 0.00	30.66 0.45 0.00	32.04 0.25 0.00	40.69 0.32 0.00	44.76 0.44 -0.03	46.03 0.36 -0.16	45.93 0.50 -0.20	47.53 0.37 -0.21	48.92 0.38 -0.20	49.24 0.34 -0.19	53.46 0.37 -0.20	53.63 0.32 -0.33	56.21 0.44 -0.34	59.03 0.58 -0.31	65.49 0.64 -0.37	58.64 0.18 -0.06	58.06 0.12 -0.10	49.33 0.39 -0.01	44.36 0.35 0.00	40.44 0.48 -0.14	36.13 0.39 -0.09
GILBOA___2 23757	36.25 0.29 0.00	32.62 0.32 0.00	31.50 0.47 0.00	30.03 0.44 0.00	30.66 0.45 0.00	32.04 0.25 0.00	40.69 0.32 0.00	44.76 0.44 -0.03	46.03 0.36 -0.16	45.93 0.50 -0.20	47.53 0.37 -0.21	48.92 0.38 -0.20	49.24 0.34 -0.19	53.46 0.37 -0.20	53.63 0.32 -0.33	56.21 0.44 -0.34	59.03 0.58 -0.31	65.49 0.64 -0.37	58.64 0.18 -0.06	58.06 0.12 -0.10	49.33 0.39 -0.01	44.36 0.35 0.00	40.44 0.48 -0.14	36.13 0.39 -0.09
GILBOA___3 23758	36.25 0.29 0.00	32.62 0.32 0.00	31.50 0.47 0.00	30.03 0.44 0.00	30.66 0.45 0.00	32.04 0.25 0.00	40.69 0.32 0.00	44.76 0.44 -0.03	46.03 0.36 -0.16	45.93 0.50 -0.20	47.53 0.37 -0.21	48.92 0.38 -0.20	49.24 0.34 -0.19	53.46 0.37 -0.20	53.63 0.32 -0.33	56.21 0.44 -0.34	59.03 0.58 -0.31	65.49 0.64 -0.37	58.64 0.18 -0.06	58.06 0.12 -0.10	49.33 0.39 -0.01	44.36 0.35 0.00	40.44 0.48 -0.14	36.13 0.39 -0.09
GILBOA___4 23759	36.25 0.29 0.00	32.62 0.32 0.00	31.50 0.47 0.00	30.03 0.44 0.00	30.66 0.45 0.00	32.04 0.25 0.00	40.69 0.32 0.00	44.76 0.44 -0.03	46.03 0.36 -0.16	45.93 0.50 -0.20	47.53 0.37 -0.21	48.92 0.38 -0.20	49.24 0.34 -0.19	53.46 0.37 -0.20	53.63 0.32 -0.33	56.21 0.44 -0.34	59.03 0.58 -0.31	65.49 0.64 -0.37	58.64 0.18 -0.06	58.06 0.12 -0.10	49.33 0.39 -0.01	44.36 0.35 0.00	40.44 0.48 -0.14	36.13 0.39 -0.09

GILBOA____ 23599	36.25 0.29 0.00	32.66 0.36 0.00	31.50 0.47 0.00	30.03 0.44 0.00	30.66 0.45 0.00	32.04 0.25 0.00	40.69 0.32 0.00	44.76 0.44 -0.03	46.04 0.36 -0.16	45.84 0.41 -0.20	47.53 0.38 -0.21	48.87 0.34 -0.20	49.23 0.34 -0.19	53.45 0.37 -0.20	53.58 0.26 -0.33	56.16 0.39 -0.34	58.92 0.47 -0.31	65.36 0.52 -0.37	58.58 0.12 -0.06	58.01 0.06 -0.10	49.27 0.34 0.00	44.36 0.35 0.00	40.44 0.48 -0.14	36.17 0.43 -0.09
GINNA____ 23603	35.85 -1.12 -1.00	32.29 -0.78 -0.76	30.73 -0.90 -0.60	29.33 -0.83 -0.57	29.92 -0.91 -0.61	31.99 -0.86 -1.06	40.51 -1.09 -1.23	45.68 -1.06 -2.45	46.58 -1.09 -2.17	45.70 -1.31 -1.77	48.12 -1.13 -2.31	49.48 -1.11 -2.25	49.92 -1.07 -2.29	53.63 -1.16 -1.91	53.79 -1.32 -2.13	55.69 -1.88 -2.14	58.24 -2.33 -2.43	64.64 -2.65 -2.81	58.79 -2.05 -2.43	58.59 -1.73 -2.48	49.22 -1.57 -1.87	44.00 -1.45 -1.45	39.57 -1.35 -1.11	35.44 -1.11 -0.90
GLEN PARK____ 23778	38.97 1.44 -1.57	37.51 1.20 -4.01	34.39 1.12 -2.23	32.83 1.01 -2.24	34.25 1.00 -3.04	40.72 1.33 -7.60	53.08 2.02 -10.69	60.41 2.48 -13.63	61.02 2.55 -12.96	59.81 2.17 -12.40	61.92 2.06 -12.91	62.86 1.98 -12.54	58.49 2.05 -7.74	66.20 2.17 -11.14	60.45 2.06 -5.40	61.10 2.33 -3.34	66.40 2.38 -5.87	77.06 3.09 -9.48	72.72 3.03 -11.29	72.79 3.30 -11.65	63.87 2.79 -12.16	50.86 2.11 -4.74	45.47 1.55 -4.11	40.41 1.28 -3.48
GLENDALE_27_KV_LOAD 356172	37.69 1.73 0.00	33.63 1.32 0.00	32.25 1.21 0.00	30.65 1.07 0.00	31.30 1.09 0.00	33.09 1.30 0.00	42.11 1.74 0.00	46.32 1.90 -0.12	48.03 1.77 -0.75	48.00 1.85 -0.90	49.94 2.02 -0.99	51.12 1.89 -0.89	51.48 1.90 -0.88	55.90 2.12 -0.90	56.39 1.91 -1.50	59.31 2.33 -1.55	62.24 2.67 -1.41	69.09 2.90 -1.71	61.09 2.39 -0.30	60.46 2.14 -0.48	50.59 1.66 0.00	45.81 1.80 0.00	42.63 2.15 -0.67	37.84 1.78 -0.41
GLENWOOD_IC_1_G5 23712	37.33 1.37 0.00	33.24 0.94 0.00	31.91 0.87 0.00	30.23 0.65 0.00	30.87 0.66 0.00	32.81 1.02 0.00	41.82 1.45 0.00	45.96 1.55 -0.12	47.55 1.37 -0.68	47.54 1.49 -0.81	48.96 1.46 -0.56	49.90 1.40 -0.16	50.02 1.36 0.05	52.69 1.48 1.68	54.13 1.32 0.18	56.03 1.66 1.07	59.66 1.98 0.46	68.31 2.13 -1.70	58.90 1.75 1.26	57.07 1.50 2.27	48.28 1.08 1.72	45.27 1.36 0.10	42.11 1.63 -0.66	37.45 1.39 -0.41
GLENWOOD_IC_2_G1 23688	37.22 1.26 0.00	33.17 0.87 0.00	31.84 0.81 0.00	30.24 0.65 0.00	30.88 0.66 0.00	32.74 0.95 0.00	41.74 1.37 0.00	45.83 1.42 -0.12	47.53 1.27 -0.75	47.82 1.67 -0.90	49.47 1.55 -0.98	50.88 1.64 -0.89	51.16 1.56 -0.90	55.59 1.74 -0.96	56.06 1.59 -1.48	58.91 1.94 -1.54	61.81 2.27 -1.40	68.63 2.45 -1.71	60.73 2.04 -0.29	60.10 1.80 -0.46	50.34 1.37 -0.05	45.33 1.32 0.00	41.99 1.51 -0.67	37.42 1.35 -0.41
GLENWOOD_IC_3_G1 23689	37.22 1.26 0.00	33.17 0.87 0.00	31.84 0.81 0.00	30.24 0.65 0.00	30.88 0.66 0.00	32.74 0.95 0.00	41.74 1.37 0.00	45.83 1.42 -0.12	47.53 1.27 -0.75	47.82 1.67 -0.90	49.47 1.55 -0.98	50.88 1.64 -0.89	51.16 1.56 -0.90	55.59 1.74 -0.96	56.06 1.59 -1.48	58.91 1.94 -1.54	61.81 2.27 -1.40	68.63 2.45 -1.71	60.73 2.04 -0.29	60.10 1.80 -0.46	50.34 1.37 -0.05	45.33 1.32 0.00	41.99 1.51 -0.67	37.42 1.35 -0.41
GLENWOOD____4 23550	37.33 1.37 0.00	33.24 0.94 0.00	31.91 0.87 0.00	30.23 0.65 0.00	30.87 0.66 0.00	32.81 1.02 0.00	41.82 1.45 0.00	45.96 1.55 -0.12	47.55 1.37 -0.68	47.54 1.49 -0.81	49.05 1.55 -0.56	50.00 1.50 -0.16	50.16 1.51 0.05	52.85 1.64 1.68	54.29 1.48 0.18	56.19 1.83 1.07	59.78 2.09 0.46	68.43 2.26 -1.70	59.01 1.87 1.26	57.19 1.62 2.27	48.42 1.22 1.72	45.27 1.36 0.10	42.11 1.63 -0.66	37.45 1.39 -0.41
GLENWOOD____5 23614	37.33 1.37 0.00	33.24 0.94 0.00	31.91 0.87 0.00	30.23 0.65 0.00	30.87 0.66 0.00	32.81 1.02 0.00	41.82 1.45 0.00	45.96 1.55 -0.12	47.55 1.37 -0.68	47.54 1.49 -0.81	49.05 1.55 -0.56	50.00 1.50 -0.16	50.16 1.51 0.05	52.85 1.64 1.68	54.29 1.48 0.18	56.19 1.83 1.07	59.78 2.09 0.46	68.43 2.26 -1.70	59.01 1.87 1.26	57.19 1.62 2.27	48.42 1.22 1.72	45.27 1.36 0.10	42.11 1.63 -0.66	37.45 1.39 -0.41
GLOBAL GREEN_PORT_GT1 23814	37.69 1.73 0.00	33.20 0.90 0.00	31.88 0.84 0.00	29.96 0.38 0.01	30.57 0.36 0.01	32.77 0.99 0.00	41.90 1.53 0.00	45.65 1.24 -0.12	46.90 0.86 -0.53	47.00 1.13 -0.62	47.88 1.22 0.28	48.14 1.11 1.32	47.67 0.88 1.91	46.95 0.90 6.84	50.10 0.64 3.52	50.07 0.94 6.30	55.18 1.22 4.19	67.46 1.29 -1.69	54.93 0.88 4.35	50.66 0.58 7.76	44.09 0.25 5.08	43.79 0.09 0.31	40.75 0.28 -0.66	36.77 0.71 -0.41
GLOBE____DSASP 323697	38.12 1.11 -1.04	34.42 1.32 -0.80	32.53 0.87 -0.62	31.25 1.07 -0.59	31.75 0.91 -0.64	33.91 1.02 -1.11	41.69 0.04 -1.28	46.36 -0.49 -2.56	46.99 -0.77 -2.26	45.87 -1.22 -1.85	48.22 -1.13 -2.41	50.11 -0.58 -2.35	50.32 -0.78 -2.40	53.82 -1.06 -2.00	54.04 -1.17 -2.22	55.45 -2.22 -2.24	57.66 -3.02 -2.54	63.36 -4.06 -2.95	58.15 -2.80 -2.56	58.02 -2.43 -2.60	49.17 -1.71 -1.96	44.12 -1.41 -1.52	39.78 -1.19 -1.16	36.84 0.25 -0.95
GOETHSLN____LBMP 323567	27.68 1.26 9.54	24.76 1.00 8.54	23.37 0.90 8.57	23.31 0.77 7.04	23.31 0.79 7.69	24.37 0.99 8.40	24.14 1.37 17.60	25.72 1.68 20.25	26.30 1.50 20.71	25.73 1.63 21.14	26.54 1.74 22.13	26.44 1.64 23.54	27.23 1.66 23.12	28.75 1.85 25.99	34.44 1.59 20.14	35.79 2.00 21.63	38.87 2.33 21.60	40.39 2.51 26.60	42.40 2.04 18.04	42.41 1.79 17.23	35.56 1.37 14.73	30.93 1.41 14.49	28.96 1.67 12.52	27.58 1.39 9.46
GOLAH____69_KV_TB 1_2 80279	38.11 1.11 -1.03	34.32 1.23 -0.79	32.65 0.99 -0.62	31.21 1.04 -0.59	31.81 0.97 -0.63	34.03 1.14 -1.10	42.89 1.25 -1.27	48.11 1.28 -2.53	48.84 1.09 -2.24	47.93 0.86 -1.83	50.31 0.99 -2.39	51.97 1.31 -2.32	52.29 1.22 -2.37	56.02 1.16 -1.97	56.24 1.06 -2.20	58.09 0.44 -2.21	60.65 0.00 -2.51	67.33 -0.06 -2.91	61.39 0.47 -2.53	61.29 0.87 -2.57	51.64 0.78 -1.94	46.21 0.70 -1.50	41.68 0.72 -1.15	37.40 0.82 -0.94
GOODYEAR_LAKE_HYD 323669	37.69 1.19 -0.54	33.78 1.07 -0.41	32.38 1.02 -0.32	30.87 0.98 -0.31	31.54 1.00 -0.33	33.41 1.05 -0.57	42.49 1.45 -0.66	47.39 1.77 -1.33	48.45 1.77 -1.17	47.87 1.67 -0.96	49.88 1.69 -1.25	51.34 1.74 -1.26	51.74 1.75 -1.29	55.76 1.80 -1.07	55.93 1.75 -1.19	58.52 1.88 -1.20	61.43 1.92 -1.36	68.32 2.26 -1.58	61.76 1.99 -1.37	61.21 1.97 -1.40	51.74 1.76 -1.05	46.32 1.50 -0.82	41.75 1.31 -0.63	37.26 1.11 -0.51
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.96 0.68 -1.31	33.98 0.68 -1.00	32.31 0.50 -0.78	30.89 0.56 -0.75	31.59 0.57 -0.80	33.78 0.60 -1.39	42.62 0.65 -1.61	48.26 0.75 -3.21	49.08 0.73 -2.84	48.15 0.59 -2.32	50.63 0.66 -3.03	51.98 0.68 -2.96	52.41 0.68 -3.02	56.04 0.63 -2.52	56.38 0.58 -2.81	58.65 0.39 -2.83	61.64 0.29 -3.20	68.46 0.26 -3.72	62.15 0.53 -3.23	61.77 0.64 -3.29	51.99 0.59 -2.48	46.41 0.48 -1.92	41.68 0.40 -1.47	37.27 0.43 -1.19

GOUDEY___7 23579	37.96 0.68 -1.31	33.98 0.68 -1.00	32.31 0.50 -0.78	30.89 0.56 -0.75	31.59 0.57 -0.80	33.78 0.60 -1.39	42.62 0.65 -1.61	48.26 0.75 -3.21	49.08 0.73 -2.84	48.15 0.59 -2.32	50.63 0.66 -3.03	51.98 0.68 -2.96	52.41 0.68 -3.02	56.04 0.63 -2.52	56.38 0.58 -2.81	58.65 0.39 -2.83	61.64 0.29 -3.20	68.46 0.26 -3.72	62.15 0.53 -3.23	61.77 0.64 -3.29	51.99 0.59 -2.48	46.41 0.48 -1.92	41.68 0.40 -1.47	37.27 0.43 -1.19
GOUDEY___8 23580	37.96 0.68 -1.31	33.98 0.68 -1.00	32.31 0.50 -0.78	30.89 0.56 -0.75	31.59 0.57 -0.80	33.78 0.60 -1.39	42.62 0.65 -1.61	48.26 0.75 -3.21	49.08 0.73 -2.84	48.15 0.59 -2.32	50.63 0.66 -3.03	51.98 0.68 -2.96	52.41 0.68 -3.02	56.04 0.63 -2.52	56.38 0.58 -2.81	58.65 0.39 -2.83	61.64 0.29 -3.20	68.46 0.26 -3.72	62.15 0.53 -3.23	61.77 0.64 -3.29	51.99 0.59 -2.48	46.41 0.48 -1.92	41.68 0.40 -1.47	37.27 0.43 -1.19
GOWANUS_GT1_1 24077	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.45 1.50 -1.00	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT1_2 24078	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.45 1.50 -1.00	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT1_3 24079	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.45 1.50 -1.00	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT1_4 24080	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.45 1.50 -1.00	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT1_5 24084	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.45 1.50 -1.00	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT1_6 24111	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 																			

GOWANUS_GT2_6 24119	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
GOWANUS_GT2_7 24120	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
GOWANUS_GT2_8 24121	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
GOWANUS_GT3_1 24122	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
GOWANUS_GT3_2 24123	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
GOWANUS_GT3_3 24124	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
GOWANUS_GT3_4 24125	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
GOWANUS_GT3_5 24126	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0																			

GOWANUS_GT4_5 24134	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.43 1.50 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT4_6 24135	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.43 1.50 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT4_7 24136	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.43 1.50 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GOWANUS_GT4_8 24137	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.43 1.50 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GREATVR_69_KV_BK1 356245	37.51 1.55 0.00	33.17 0.87 0.00	31.81 0.78 0.00	29.96 0.38 0.01	30.63 0.42 0.01	32.77 0.99 0.00	42.03 1.66 0.00	45.87 1.46 -0.12	47.23 1.18 -0.53	47.10 1.22 -0.63	48.20 1.50 0.24	48.49 1.40 1.25	48.24 1.36 1.82	47.82 1.53 6.60	51.00 1.38 3.37	51.15 1.77 6.06	56.22 2.09 4.02	68.49 2.32 -1.69	56.12 1.93 4.20	52.02 1.68 7.50	45.20 1.27 4.99	44.90 1.19 0.30	42.14 1.67 -0.66	37.52 1.46 -0.41
GREENBSH_115KV_TB3 55895	35.35 -0.61 0.00	31.72 -0.58 0.00	30.54 -0.50 0.00	29.11 -0.47 0.00	29.79 -0.42 0.00	31.37 -0.41 0.00	39.76 -0.61 0.00	43.63 -0.58 0.08	44.41 -0.59 0.50	44.05 -0.59 0.60	45.53 -0.75 0.66	46.92 -0.82 0.60	47.23 -0.88 0.59	51.33 -0.95 0.61	51.03 -0.95 1.00	53.50 -0.89 1.05	49.93 -0.81 7.40	51.36 -0.90 12.22	46.29 -0.82 11.29	49.88 -1.04 6.93	48.14 -0.78 0.00	43.39 -0.62 0.00	39.01 -0.36 0.45	35.19 -0.18 0.28
GREENDGE_115KV_TB5 80291	39.16 1.55 -1.65	35.01 1.45 -1.26	33.20 1.18 -0.98	31.77 1.24 -0.94	32.49 1.27 -1.01	35.00 1.46 -1.75	43.96 1.57 -2.02	50.18 1.86 -4.03	50.85 1.77 -3.56	49.69 1.54 -2.91	52.34 1.60 -3.80	53.68 1.64 -3.70	54.03 1.56 -3.77	57.62 1.59 -3.14	57.97 1.48 -3.50	60.18 1.22 -3.53	63.36 1.22 -4.00	70.41 1.29 -4.64	64.35 1.93 -4.03	64.09 2.14 -4.10	53.63 1.61 -3.09	47.68 1.28 -2.39	42.60 0.96 -1.84	38.32 1.18 -1.49
GREENIDGE___3 23582	39.16 1.55 -1.65	35.01 1.45 -1.26	33.20 1.18 -0.98	31.77 1.24 -0.94	32.49 1.27 -1.01	35.00 1.46 -1.75	43.96 1.57 -2.02	50.18 1.86 -4.03	50.85 1.77 -3.56	49.69 1.54 -2.91	52.34 1.60 -3.80	53.68 1.64 -3.70	54.03 1.56 -3.77	57.62 1.59 -3.14	57.97 1.48 -3.50	60.18 1.22 -3.53	63.36 1.22 -4.00	70.41 1.29 -4.64	64.35 1.93 -4.03	64.09 2.14 -4.10	53.63 1.61 -3.09	47.68 1.28 -2.39	42.60 0.96 -1.84	38.32 1.18 -1.49
GREENIDGE___4 23583	39.16 1.55 -1.65	35.05 1.49 -1.26	33.23 1.21 -0.98	31.77 1.24 -0.94	32.49 1.27 -1.01	35.00 1.46 -1.75	43.96 1.57 -2.02	50.32 1.99 -4.03	51.12 2.05 -3.56	49.78 1.63 -2.91	52.53 1.78 -3.80	53.73 1.69 -3.70	54.18 1.70 -3.77	57.88 1.85 -3.14	58.13 1.64 -3.50	60.34 1.39 -3.53	63.48 1.34 -4.00	70.52 1.42 -4.63	64.40 1.99 -4.01	64.25 2.32 -4.09	53.66 1.66 -3.08	47.67 1.28 -2.38	42.60 0.95 -1.83	38.45 1.32 -1.48
GREENLWN_69_KV_BK 3 55738	36.86 0.90 0.00	32.66 0.36 0.00	31.32 0.28 0.00	29.58 0.00 0.01	30.23 0.03 0.01	32.26 0.48 0.00	41.26 0.89 0.00	44.76 0.35 -0.12	45.90 -0.14 -0.53	45.87 0.00 -0.63	46.88 0.19 0.25	47.17 0.10 1.27	46.91 0.05 1.84	46.28 0.05 6.66	49.53 -0.05 3.41	49.53 0.22 6.12	54.55 0.47 4.06	66.62 0.45 -1.69	54.39 0.23 4.24	50.27 0.00 7.57	43.74 -0.15 5.03	43.62 -0.09 0.30	41.27 0.80 -0.66	36.92 0.86 -0.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.43 1.50 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
GRISSOM___SOLAR 323813	37.69 1.73 0.00	33.82 1.52 0.00	32.50 1.46 0.00	30.98 1.39 0.00	31.66 1.45 0.00	33.41 1.62 0.00	42.71 2.34 0.00	46.84 2.61 0.07	47.42 2.32 0.41	46.93 2.17 0.49	48.15 1.74 0.53	49.69 1.84 0.49	50.03 1.80 0.48	54.46 2.06 0.49	54.35 2.17 0.81	57.14 2.55 0.84	60.85 2.73 0.03	68.16 3.35 -0.33	62.76 3.27 -1.09	61.51 3.18 -0.49	51.72 2.84 0.04	46.51 2.51 0.00	41.64 2.19 0.36	37.24 1.82 0.22
GROVEVILLE___HYD 323602	37.26 1.29 0.00	33.37 1.07 0.00	32.03 0.99 0.00	30.44 0.86 0.00	31.09 0.88 0.00	32.81 1.02 0.00	41.74 1.37 0.00	46.03 1.64 -0.10	47.65 1.55 -0.59	47.49 1.54 -0.71	49.26 1.55 -0.77	50.50 1.45 -0.71	50.86 1.46 -0.70	55.29 1.69 -0.71	55.65 1.48 -1.18	58.43 1.77 -1.23	61.35 2.09 -1.11	68.07 2.26 -1.34	60.74 2.10 -0.23	60.30 2.08 -0.38	50.59 1.66 0.00	45.63 1.63 0.00	42.05 1.71 -0.52	37.33 1.35 -0.32
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.75 0.22 -2.57	34.72 0.19 -2.23	32.81 0.12 -1.65	31.32 0.15 -1.59	32.13 0.15 -1.76	35.26 0.19 -3.28	44.58 0.24 -3.97	51.85 0.35 -7.21	52.33 0.36 -6.46	51.10 0.41 -5.45	54.21 0.47 -6.81	55.42 0.48 -6.59	55.44 0.49 -6.26	59.01 0.48 -5.65	59.05 0.42 -5.64	61.25 0.33 -5.49	64.79 0.23 -6.41	72.17 0.06 -7.62	65.60 0.29 -6.91	65.24 0.35 -7.05	54.85 0.29 -5.64	48.14 0.22 -3.92	43.02 0.16 -3.05	38.25 0.11 -2.49
HAMLTNNY_34_KV_TB 80303	38.92 0.43 -2.52	34.87 0.42 -2.15	32.98 0.34 -1.60	31.48 0.36 -1.54	32.28 0.36 -1.71	35.35 0.41 -3.15	44.73 0.57 -3.79	51.95 0.71 -6.95	52.41 0.68 -6.22	51.15 0.68 -5.23	54.26 0.75 -6.57	55.52 0.82 -6.36	55.61 0.83 -6.08	59.18 0.85 -5.45	59.23 0.74 -5.50	61.42 0.61 -5.37	64.87 0.47 -6.26	72.29 0.39 -7.42	65.73 0.64 -6.69	65.42 0.75 -6.83	54.98 0.64 -5.42	48.30 0.48 -3.81	43.18 0.40 -2.96	38.43 0.36 -2.42

HAMPSHIRE___PAPER_HYD 323593	37.28 0.65 -0.67	40.64 0.52 -7.82	35.31 0.50 -3.78	33.91 0.44 -3.88	36.49 0.45 -5.82	48.52 0.60 -16.13	64.89 0.93 -23.59	72.49 1.11 -27.09	72.95 1.14 -26.30	72.38 0.95 -26.19	73.57 0.94 -25.69	74.23 0.92 -24.97	62.12 1.07 -12.35	76.47 1.11 -22.47	60.87 1.06 -6.83	58.13 1.28 -1.42	66.28 1.10 -7.03	79.38 1.48 -13.42	79.50 1.28 -19.82	79.81 1.39 -20.58	74.65 1.17 -24.55	51.67 1.14 -6.53	46.95 0.87 -6.26	41.84 0.71 -5.48
HARDSCRABBLE_WT_PWR 323673	34.60 -1.37 0.00	31.24 -1.33 -0.26	29.82 -1.33 -0.12	28.35 -1.36 -0.13	28.99 -1.42 -0.19	30.94 -1.40 -0.55	39.57 -1.62 -0.81	43.43 -1.77 -0.91	44.71 -1.68 -0.89	44.64 -1.49 -0.89	46.58 -1.22 -0.86	48.26 -0.92 -0.84	48.31 -0.78 -0.39	52.80 -0.85 -0.76	52.44 -0.74 -0.19	54.71 -0.72 0.00	57.47 -0.87 -0.19	64.10 -0.77 -0.40	58.39 -0.64 -0.63	57.98 -0.52 -0.66	49.40 -0.34 -0.82	43.84 -0.35 -0.19	39.68 -0.32 -0.19	35.50 -0.32 -0.17
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.12 1.15 0.00	33.24 0.94 0.00	31.88 0.84 0.00	30.33 0.74 0.00	30.97 0.76 0.00	32.68 0.89 0.00	41.58 1.21 0.00	45.87 1.46 -0.11	47.55 1.37 -0.68	47.46 1.40 -0.81	49.24 1.41 -0.89	50.46 1.31 -0.81	50.81 1.31 -0.80	55.18 1.48 -0.82	55.66 1.32 -1.35	58.44 1.61 -1.41	61.34 1.92 -1.27	68.14 2.13 -1.54	60.60 1.93 -0.27	60.13 1.85 -0.43	50.39 1.47 0.00	45.41 1.41 0.00	41.97 1.55 -0.60	37.27 1.25 -0.37
HARSNRAD_115KV_TB1 81005	38.10 1.08 -1.05	34.40 1.29 -0.81	32.50 0.84 -0.63	31.22 1.04 -0.60	31.73 0.88 -0.64	33.92 1.02 -1.12	42.35 0.69 -1.29	47.32 0.44 -2.58	47.97 0.18 -2.28	46.83 -0.27 -1.87	49.23 -0.14 -2.43	51.05 0.34 -2.37	51.26 0.15 -2.42	54.85 -0.05 -2.02	55.12 -0.11 -2.24	56.53 -0.16 -2.26	58.79 -1.92 -2.56	64.87 -2.58 -2.98	59.40 -1.58 -2.58	59.49 -0.98 -2.63	50.27 -0.64 -1.98	45.01 -0.53 -1.53	40.63 -0.36 -1.18	36.85 0.25 -0.96
HARZA MOOSE___RIVER 24016	37.21 0.61 -0.64	35.34 0.48 -2.56	32.84 0.47 -1.34	31.32 0.38 -1.35	32.52 0.39 -1.92	37.40 0.57 -5.04	48.53 0.93 -7.23	54.21 1.15 -8.76	55.15 1.23 -8.41	54.49 1.04 -8.21	56.28 1.03 -8.30	57.43 1.02 -8.07	54.44 1.22 -4.52	61.37 1.27 -7.21	57.14 1.27 -2.88	58.17 1.39 -1.36	62.61 1.40 -3.07	71.45 2.00 -4.97	66.91 1.87 -6.64	66.69 1.97 -6.88	58.34 1.66 -7.75	47.65 1.19 -2.45	42.97 0.92 -2.24	38.27 0.71 -1.91
HDSNBRDG_115KV_BRDG_TB1 355580	37.78 0.04 -1.77	33.99 0.03 -1.66	32.20 -0.03 -1.20	30.74 0.00 -1.16	31.52 0.00 -1.31	34.31 0.00 -2.52	43.45 -0.04 -3.12	49.73 0.04 -5.40	50.43 0.05 -4.87	49.46 0.05 -4.18	52.13 0.09 -5.10	53.38 0.10 -4.95	53.30 0.10 -4.50	57.25 0.11 -4.26	56.97 0.00 -3.99	59.11 -0.11 -3.79	62.43 -0.23 -4.52	69.54 -0.39 -5.45	63.29 -0.18 -5.07	62.91 -0.12 -5.18	53.10 -0.10 -4.28	46.67 -0.13 -2.79	41.85 -0.16 -2.19	37.30 -0.14 -1.80
HELLGATE_13_KV_LD 55870	37.73 1.76 0.00	33.66 1.36 0.00	32.28 1.24 0.00	30.71 1.12 0.00	31.33 1.12 0.00	33.13 1.34 0.00	42.11 1.74 0.00	46.28 1.86 -0.12	47.94 1.68 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.07 1.84 -0.89	51.43 1.85 -0.88	55.85 2.06 -0.90	56.34 1.85 -1.50	59.26 2.27 -1.55	62.18 2.62 -1.41	69.02 2.84 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.81 1.80 0.00	42.63 2.15 -0.67	37.88 1.82 -0.42
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.73 1.76 0.00	33.66 1.36 0.00	32.28 1.24 0.00	30.71 1.12 0.00	31.33 1.12 0.00	33.13 1.34 0.00	42.11 1.74 0.00	46.28 1.86 -0.12	47.94 1.68 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.07 1.84 -0.89	51.43 1.85 -0.88	55.85 2.06 -0.90	56.34 1.85 -1.50	59.26 2.27 -1.55	62.18 2.62 -1.41	69.02 2.84 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.81 1.80 0.00	42.63 2.15 -0.67	37.88 1.82 -0.42
HEMPSTEAD____ 23647	37.04 1.08 0.00	32.88 0.58 0.00	31.53 0.50 0.00	29.88 0.30 0.01	30.51 0.30 0.01	32.49 0.70 0.00	41.46 1.09 0.00	45.30 0.89 -0.12	46.87 0.73 -0.64	47.13 1.13 -0.76	48.32 1.03 -0.35	49.29 1.16 0.21	49.26 1.07 0.51	51.14 1.22 2.96	53.03 1.06 1.02	54.44 1.39 2.38	58.44 1.69 1.39	68.05 1.87 -1.70	57.83 1.46 2.03	55.42 1.22 3.64	47.24 0.83 2.51	44.73 0.88 0.16	41.55 1.08 -0.66	37.17 1.11 -0.41
HICKLING___1 23621	38.66 1.29 -1.40	34.63 1.26 -1.07	32.80 0.93 -0.83	31.42 1.04 -0.80	32.12 1.06 -0.85	34.45 1.18 -1.48	43.33 1.25 -1.71	49.13 1.42 -3.42	49.85 1.32 -3.02	48.80 1.09 -2.47	51.39 1.22 -3.23	52.74 1.26 -3.15	53.08 1.17 -3.21	56.72 1.16 -2.67	57.02 1.06 -2.98	59.10 0.67 -3.00	62.07 0.52 -3.40	68.81 0.39 -3.95	62.88 1.05 -3.43	62.66 1.33 -3.49	52.48 0.93 -2.63	46.79 0.75 -2.04	41.93 0.56 -1.56	37.59 0.68 -1.27
HICKLING___2 23622	38.66 1.29 -1.40	34.63 1.26 -1.07	32.80 0.93 -0.83	31.42 1.04 -0.80	32.12 1.06 -0.85	34.45 1.18 -1.48	43.33 1.25 -1.71	49.13 1.42 -3.42	49.85 1.32 -3.02	48.80 1.09 -2.47	51.39 1.22 -3.23	52.74 1.26 -3.15	53.08 1.17 -3.21	56.72 1.16 -2.67	57.02 1.06 -2.98	59.10 0.67 -3.00	62.07 0.52 -3.40	68.81 0.39 -3.95	62.88 1.05 -3.43	62.66 1.33 -3.49	52.48 0.93 -2.63	46.79 0.75 -2.04	41.93 0.56 -1.56	37.59 0.68 -1.27
HIGH FALLS___HY 23754	37.62 1.65 0.00	33.63 1.32 0.00	32.28 1.24 0.00	30.65 1.07 0.00	31.27 1.06 0.00	33.03 1.24 0.00	42.07 1.70 0.00	46.35 1.99 -0.07	47.79 1.87 -0.42	47.51 1.76 -0.50	49.18 1.69 -0.55	50.39 1.55 -0.50	50.80 1.61 -0.49	55.24 1.85 -0.51	55.41 1.59 -0.83	58.29 2.00 -0.87	60.69 2.38 -0.16	67.05 2.71 0.13	60.05 2.57 0.92	60.07 2.60 0.38	51.08 2.15 0.00	46.07 2.07 0.00	42.21 2.03 -0.37	37.41 1.53 -0.23
HIGH_RIVER___SOLAR 323847	36.94 0.97 0.00	33.14 0.84 0.00	31.88 0.84 0.00	30.38 0.80 0.00	31.06 0.84 0.00	32.68 0.89 0.00	41.62 1.25 0.00	45.64 1.42 0.07	46.26 1.18 0.43	45.77 1.04 0.52	47.03 0.66 0.56	48.65 0.82 0.52	49.12 0.92 0.51	53.42 1.06 0.52	53.24 1.11 0.86	55.86 1.33 0.89	58.85 1.51 0.81	65.37 1.87 0.98	60.04 1.81 0.17	59.30 1.73 0.28	50.45 1.57 0.04	45.37 1.37 0.00	40.71 1.27 0.38	36.48 1.07 0.24
HILLBURN___GT 23639	37.12 1.15 0.00	33.17 0.87 0.00	31.84 0.81 0.00	30.29 0.71 0.00	30.97 0.76 0.00	32.71 0.92 0.00	41.58 1.21 0.00	45.82 1.42 -0.12	47.47 1.27 -0.69	47.66 1.58 -0.83	49.31 1.46 -0.91	50.67 1.50 -0.83	50.93 1.41 -0.82	55.31 1.59 -0.84	55.80 1.43 -1.38	58.65 1.77 -1.44	61.54 2.09 -1.31	68.44 2.39 -1.58	60.66 1.99 -0.28	60.14 1.85 -0.44	50.40 1.42 -0.06	45.33 1.32 0.00	41.90 1.47 -0.62	37.28 1.25 -0.38
HILLSIDE_115KV_TB1 80332	38.22 0.86 -1.40	34.21 0.84 -1.07	32.43 0.56 -0.83	31.06 0.68 -0.80	31.76 0.69 -0.85	34.03 0.76 -1.48	42.77 0.69 -1.71	48.51 0.80 -3.42	49.21 0.68 -3.02	48.16 0.45 -2.47	50.68 0.52 -3.22	52.02 0.53 -3.15	52.35 0.44 -3.21	55.93 0.37 -2.67	56.28 0.32 -2.98	58.37 -0.06 -3.00	61.37 -0.17 -3.40	68.10 -0.32 -3.95	62.11 0.29 -3.42	61.85 0.52 -3.49	51.79 0.24 -2.63	46.13 0.09 -2.03	41.41 0.04 -1.56	37.13 0.21 -1.27

HISHELDN_WT_PWR 323625	38.24 1.12 -1.16	34.51 1.32 -0.88	32.59 0.87 -0.69	31.25 1.01 -0.66	31.82 0.91 -0.71	34.06 1.05 -1.23	42.64 0.85 -1.42	48.09 0.97 -2.83	49.06 1.05 -2.50	47.47 0.18 -2.05	50.27 0.66 -2.67	51.47 0.53 -2.60	51.89 0.54 -2.65	55.68 0.58 -2.21	55.77 0.32 -2.46	57.36 -0.55 -2.48	59.73 -1.22 -2.81	65.92 -1.80 -3.25	60.46 -0.76 -2.82	60.77 0.06 -2.87	50.89 -0.19 -2.16	45.46 -0.22 -1.68	40.94 -0.16 -1.29	37.26 0.57 -1.04
HOLTSVILLE_IC_1 23690	36.90 0.93 0.00	32.59 0.29 0.00	31.28 0.25 0.00	29.52 -0.06 0.01	30.14 -0.06 0.01	32.27 0.48 0.00	41.34 0.97 0.00	44.94 0.53 -0.12	46.26 0.23 -0.53	46.50 0.63 -0.62	47.13 0.47 0.28	47.45 0.43 1.32	47.13 0.34 1.91	46.51 0.47 6.85	49.72 0.27 3.53	49.72 0.61 6.32	54.82 0.87 4.20	67.14 0.97 -1.69	54.68 0.64 4.36	50.48 0.41 7.78	44.12 0.30 5.09	43.96 0.27 0.31	41.15 0.68 -0.66	36.91 0.85 -0.41
HOLTSVILLE_IC_10 23699	37.08 1.12 0.00	32.75 0.45 0.00	31.41 0.37 0.00	29.61 0.03 0.01	30.26 0.06 0.01	32.39 0.60 0.00	41.54 1.17 0.00	45.21 0.80 -0.12	46.54 0.50 -0.53	46.72 0.86 -0.63	47.42 0.75 0.27	47.81 0.77 1.30	47.49 0.68 1.89	46.94 0.84 6.79	50.13 0.64 3.49	50.17 1.00 6.26	55.27 1.28 4.16	67.59 1.42 -1.69	55.13 1.05 4.32	50.94 0.81 7.71	44.50 0.63 5.05	44.27 0.57 0.31	41.39 0.92 -0.66	37.10 1.03 -0.41
HOLTSVILLE_IC_2 23691	36.90 0.93 0.00	32.59 0.29 0.00	31.28 0.25 0.00	29.52 -0.06 0.01	30.14 -0.06 0.01	32.27 0.48 0.00	41.34 0.97 0.00	44.94 0.53 -0.12	46.26 0.23 -0.53	46.50 0.63 -0.62	47.13 0.47 0.28	47.45 0.43 1.32	47.13 0.34 1.91	46.51 0.47 6.85	49.72 0.27 3.53	49.72 0.61 6.32	54.82 0.87 4.20	67.14 0.97 -1.69	54.68 0.64 4.36	50.48 0.41 7.78	44.12 0.30 5.09	43.96 0.27 0.31	41.15 0.68 -0.66	36.91 0.85 -0.41
HOLTSVILLE_IC_3 23692	36.90 0.93 0.00	32.59 0.29 0.00	31.28 0.25 0.00	29.52 -0.06 0.01	30.14 -0.06 0.01	32.27 0.48 0.00	41.34 0.97 0.00	44.94 0.53 -0.12	46.26 0.23 -0.53	46.50 0.63 -0.62	47.13 0.47 0.28	47.45 0.43 1.32	47.13 0.34 1.91	46.51 0.47 6.85	49.72 0.27 3.53	49.72 0.61 6.32	54.82 0.87 4.20	67.14 0.97 -1.69	54.68 0.64 4.36	50.48 0.41 7.78	44.12 0.30 5.09	43.96 0.27 0.31	41.15 0.68 -0.66	36.91 0.85 -0.41
HOLTSVILLE_IC_4 23693	36.90 0.93 0.00	32.59 0.29 0.00	31.28 0.25 0.00	29.52 -0.06 0.01	30.14 -0.06 0.01	32.27 0.48 0.00	41.34 0.97 0.00	44.94 0.53 -0.12	46.26 0.23 -0.53	46.50 0.63 -0.62	47.13 0.47 0.28	47.45 0.43 1.32	47.13 0.34 1.91	46.51 0.47 6.85	49.72 0.27 3.53	49.72 0.61 6.32	54.82 0.87 4.20	67.14 0.97 -1.69	54.68 0.64 4.36	50.48 0.41 7.78	44.12 0.30 5.09	43.96 0.27 0.31	41.15 0.68 -0.66	36.91 0.85 -0.41
HOLTSVILLE_IC_5 23694	36.90 0.93 0.00	32.59 0.29 0.00	31.28 0.25 0.00	29.52 -0.06 0.01	30.14 -0.06 0.01	32.27 0.48 0.00	41.34 0.97 0.00	44.94 0.53 -0.12	46.26 0.23 -0.53	46.50 0.63 -0.62	47.13 0.47 0.28	47.45 0.43 1.32	47.13 0.34 1.91	46.51 0.47 6.85	49.72 0.27 3.53	49.72 0.61 6.32	54.82 0.87 4.20	67.14 0.97 -1.69	54.68 0.64 4.36	50.48 0.41 7.78	44.12 0.30 5.09	43.96 0.27 0.31	41.15 0.68 -0.66	36.91 0.85 -0.41
HOLTSVILLE_IC_6 23695	37.08 1.12 0.00	32.75 0.45 0.00	31.41 0.37 0.00	29.61 0.03 0.01	30.26 0.06 0.01	32.39 0.60 0.00	41.54 1.17 0.00	45.21 0.80 -0.12	46.54 0.50 -0.53	46.72 0.86 -0.63	47.42 0.75 0.27	47.81 0.77 1.30	47.49 0.68 1.89	46.94 0.84 6.79	50.13 0.64 3.49	50.17 1.00 6.26	55.27 1.28 4.16	67.59 1.42 -1.69	55.13 1.05 4.32	50.94 0.81 7.71	44.50 0.63 5.05	44.27 0.57 0.31	41.39 0.92 -0.66	37.10 1.03 -0.41
HOLTSVILLE_IC_7 23696	37.08 1.12 0.00	32.75 0.45 0.00	31.41 0.37 0.00	29.61 0.03 0.01	30.26 0.06 0.01	32.39 0.60 0.00	41.54 1.17 0.00	45.21 0.80 -0.12	46.54 0.50 -0.53	46.72 0.86 -0.63	47.42 0.75 0.27	47.81 0.77 1.30	47.49 0.68 1.89	46.94 0.84 6.79	50.13 0.64 3.49	50.17 1.00 6.26	55.27 1.28 4.16	67.59 1.42 -1.69	55.13 1.05 4.32	50.94 0.81 7.71	44.50 0.63 5.05	44.27 0.57 0.31	41.39 0.92 -0.66	37.10 1.03 -0.41
HOLTSVILLE_IC_8 23697	37.08 1.12 0.00	32.75 0.45 0.00	31.41 0.37 0.00	29.61 0.03 0.01	30.26 0.06 0.01	32.39 0.60 0.00	41.54 1.17 0.00	45.21 0.80 -0.12	46.54 0.50 -0.53	46.72 0.86 -0.63	47.42 0.75 0.27	47.81 0.77 1.30	47.49 0.68 1.89	46.94 0.84 6.79	50.13 0.64 3.49	50.17 1.00 6.26	55.27 1.28 4.16	67.59 1.42 -1.69	55.13 1.05 4.32	50.94 0.81 7.71	44.50 0.63 5.05	44.27 0.57 0.31	41.39 0.92 -0.66	37.10 1.03 -0.41
HOLTSVILLE_IC_9 23698	37.08 1.12 0.00	32.75 0.45 0.00	31.41 0.37 0.00	29.61 0.03 0.01	30.26 0.06 0.01	32.39 0.60 0.00	41.54 1.17 0.00	45.21 0.80 -0.12	46.54 0.50 -0.53	46.72 0.86 -0.63	47.42 0.75 0.27	47.81 0.77 1.30	47.49 0.68 1.89	46.94 0.84 6.79	50.13 0.64 3.49	50.17 1.00 6.26	55.27 1.28 4.16	67.59 1.42 -1.69	55.13 1.05 4.32	50.94 0.81 7.71	44.50 0.63 5.05	44.27 0.57 0.31	41.39 0.92 -0.66	37.10 1.03 -0.41
HOMER_HL_115KV_TB2 355744	38.25 1.19 -1.10	34.44 1.29 -0.84	32.41 0.71 -0.66	31.19 0.98 -0.63	31.88 1.00 -0.67	34.07 1.11 -1.17	42.69 0.97 -1.35	48.10 1.11 -2.70	48.76 0.86 -2.39	47.69 0.50 -1.95	50.10 0.61 -2.55	51.65 0.82 -2.49	51.97 0.73 -2.54	55.53 0.53 -2.11	55.76 0.42 -2.35	57.47 -0.33 -2.37	60.19 -0.64 -2.69	66.44 -1.16 -3.12	60.93 -0.18 -2.71	61.01 0.40 -2.76	51.05 0.05 -2.08	45.48 -0.13 -1.61	40.93 -0.12 -1.23	36.76 0.11 -1.00
HOWARD_WT_PWR 323690	38.54 1.19 -1.39	34.56 1.20 -1.06	32.70 0.84 -0.83	31.32 0.95 -0.79	32.00 0.94 -0.85	34.38 1.11 -1.48	43.28 1.21 -1.70	49.20 1.51 -3.40	50.15 1.64 -3.01	48.51 0.82 -2.46	51.23 1.08 -3.21	52.29 0.82 -3.13	52.62 0.73 -3.19	56.34 0.79 -2.66	56.58 0.64 -2.96	58.52 0.11 -2.98	61.35 -0.17 -3.38	68.06 -0.32 -3.91	62.60 0.82 -3.39	62.74 1.45 -3.45	52.50 0.98 -2.60	46.72 0.70 -2.01	41.80 0.44 -1.54	37.76 0.85 -1.25
HQ_GEN_CEDARS 23644	36.43 0.47 0.00	47.65 0.39 -14.97	38.33 0.37 -6.92	37.10 0.36 -7.16	41.65 0.36 -11.08	63.74 0.38 -31.57	87.51 0.52 -46.62	96.97 0.58 -52.10	97.06 0.68 -50.87	97.10 0.68 -51.18	97.07 0.70 -49.42	97.11 0.73 -48.05	71.64 0.78 -22.16	97.18 0.90 -43.40	65.02 0.95 -11.08	56.43 1.00 0.00	70.33 1.10 -11.08	88.72 1.23 -23.02	96.18 0.99 -36.78	97.17 1.04 -38.29	97.11 0.73 -47.45	55.77 0.70 -11.06	51.43 0.56 -11.06	45.90 0.46 -9.79
HQ_GEN_CEDARS_PROXY 323590	36.43 0.47 0.00	47.66 0.39 -14.97	38.33 0.37 -6.92	37.11 0.36 -7.16	41.66 0.36 -11.08	63.74 0.38 -31.57	87.51 0.52 -46.62	96.97 0.57 -52.10	96.97 0.59 -50.87	96.97 0.54 -51.18	96.97 0.61 -49.42	96.97 0.58 -48.05	71.54 0.68 -22.16	96.97 0.69 -43.40	64.81 0.74 -11.08	56.26 0.83 0.00	70.10 0.87 -11.08	88.50 1.03 -23.00	96.03 0.88 -36.75	96.97 0.87 -38.26	96.97 0.63 -47.41	56.08 0.70 -11.37	51.10 0.56 -10.73	45.90 0.46 -9.79

HQ_GEN_IMPORT 323601	36.04 0.07 0.00	31.81 0.06 0.56	30.84 0.06 0.26	29.38 0.06 0.27	29.86 0.06 0.41	30.67 0.06 1.18	38.71 0.08 1.74	42.43 0.09 1.95	43.70 0.09 1.90	43.42 0.09 1.91	45.24 0.14 1.85	46.69 0.15 1.79	48.02 0.15 0.83	51.42 0.16 1.62	52.78 0.21 0.41	55.71 0.28 0.00	58.02 0.29 0.41	63.94 0.32 0.86	57.31 0.29 1.38	56.70 0.29 1.44	47.34 0.20 1.78	44.14 0.22 0.09	39.20 0.12 0.74	35.39 0.11 0.37
HQ_GEN_WHEEL 23651	36.04 0.07 0.00	31.81 0.06 0.56	30.84 0.06 0.26	29.38 0.06 0.27	29.86 0.06 0.41	30.67 0.06 1.18	38.71 0.08 1.74	42.43 0.09 1.95	43.70 0.09 1.90	43.42 0.09 1.91	45.24 0.14 1.85	46.69 0.15 1.79	48.02 0.15 0.83	51.42 0.16 1.62	52.78 0.21 0.41	55.71 0.28 0.00	58.02 0.29 0.41	63.94 0.32 0.86	57.31 0.29 1.38	56.70 0.29 1.44	47.34 0.20 1.78	44.14 0.22 0.09	39.20 0.12 0.74	35.39 0.11 0.37
HUDSON AVE_GT_3 23810	37.51 1.55 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.59 1.01 0.00	31.21 1.00 0.00	33.03 1.24 0.00	42.07 1.70 0.00	46.41 1.99 -0.12	48.13 1.87 -0.75	48.13 1.99 -0.90	50.04 2.11 -0.99	51.27 2.03 -0.90	51.63 2.05 -0.89	56.07 2.27 -0.91	56.55 2.07 -1.50	59.49 2.49 -1.56	62.35 2.79 -1.41	69.21 3.03 -1.71	61.27 2.57 -0.30	60.64 2.31 -0.48	50.68 1.76 0.00	45.77 1.76 0.00	42.47 1.99 -0.67	37.74 1.68 -0.41
HUDSON AVE_GT_4 23540	37.51 1.55 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.59 1.01 0.00	31.21 1.00 0.00	33.03 1.24 0.00	42.07 1.70 0.00	46.41 1.99 -0.12	48.13 1.87 -0.75	48.13 1.99 -0.90	50.04 2.11 -0.99	51.27 2.03 -0.90	51.63 2.05 -0.89	56.07 2.27 -0.91	56.55 2.07 -1.50	59.49 2.49 -1.56	62.35 2.79 -1.41	69.21 3.03 -1.71	61.27 2.57 -0.30	60.64 2.31 -0.48	50.68 1.76 0.00	45.77 1.76 0.00	42.47 1.99 -0.67	37.74 1.68 -0.41
HUDSON AVE_GT_5 23657	37.51 1.55 0.00	33.53 1.23 0.00	32.15 1.12 0.00	30.59 1.01 0.00	31.21 1.00 0.00	33.03 1.24 0.00	42.07 1.70 0.00	46.41 1.99 -0.12	48.13 1.87 -0.75	48.13 1.99 -0.90	50.04 2.11 -0.99	51.27 2.03 -0.90	51.63 2.05 -0.89	56.07 2.27 -0.91	56.55 2.07 -1.50	59.49 2.49 -1.56	62.35 2.79 -1.41	69.21 3.03 -1.71	61.27 2.57 -0.30	60.64 2.31 -0.48	50.68 1.76 0.00	45.77 1.76 0.00	42.47 1.99 -0.67	37.74 1.68 -0.41
HUDSON_AVE_10 24168	37.44 1.47 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.50 0.92 0.00	31.12 0.91 0.00	32.93 1.14 0.00	41.99 1.61 0.00	46.37 1.95 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.94 2.02 -0.99	51.17 1.93 -0.90	51.53 1.95 -0.89	55.96 2.17 -0.91	56.44 1.96 -1.50	59.38 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.21 2.51 -0.30	60.52 2.20 -0.48	50.59 1.66 0.00	45.72 1.72 0.00	42.43 1.95 -0.67	37.66 1.60 -0.41
HUDSON___115KV_TB 4 355613	35.89 -0.07 0.00	32.20 -0.10 0.00	30.98 -0.06 0.00	29.47 -0.12 0.00	30.12 -0.09 0.00	31.76 -0.03 0.00	40.41 0.04 0.00	44.50 0.27 0.06	45.35 0.18 0.34	44.83 0.00 0.41	46.21 -0.28 0.45	47.44 -0.48 0.41	47.76 -0.54 0.41	51.99 -0.48 0.42	51.82 -0.48 0.69	54.38 -0.33 0.71	52.55 -0.12 5.48	55.47 0.06 9.07	50.37 0.41 8.44	52.91 0.23 5.16	49.02 0.10 0.00	44.18 0.18 0.00	40.07 0.56 0.30	36.07 0.61 0.19
HUNTER MOUNT___DRP 323613	36.04 0.07 0.00	32.30 0.00 0.00	31.07 0.03 0.00	29.53 -0.06 0.00	30.18 -0.03 0.00	31.82 0.03 0.00	40.49 0.12 0.00	44.79 0.53 0.04	45.75 0.46 0.22	45.16 0.18 0.26	46.47 -0.19 0.28	47.74 -0.34 0.26	48.05 -0.39 0.26	52.31 -0.32 0.26	52.23 -0.32 0.43	54.81 -0.17 0.45	54.02 0.17 4.30	57.63 0.32 7.17	52.39 0.76 6.77	54.42 0.69 4.12	49.17 0.24 0.00	44.36 0.35 0.00	40.54 0.92 0.19	36.49 0.96 0.12
HUNTINGTON_RES_REC 323705	37.01 1.04 0.00	32.72 0.42 0.00	31.38 0.34 0.00	29.61 0.03 0.01	30.26 0.06 0.01	32.36 0.57 0.00	41.42 1.05 0.00	44.85 0.44 -0.12	46.13 0.09 -0.53	46.37 0.50 -0.63	47.05 0.37 0.27	47.48 0.43 1.30	47.16 0.34 1.88	46.59 0.47 6.77	49.83 0.32 3.48	49.87 0.67 6.23	54.93 0.93 4.14	67.20 1.03 -1.69	54.80 0.70 4.31	50.62 0.46 7.68	44.18 0.30 5.04	43.96 0.27 0.31	41.19 0.72 -0.66	36.99 0.93 -0.41
HUNTLEY___63 23557	38.57 1.55 -1.06	34.82 1.71 -0.81	32.88 1.21 -0.63	31.58 1.39 -0.60	32.10 1.24 -0.65	34.31 1.40 -1.12	42.68 1.01 -1.30	47.63 0.75 -2.59	48.30 0.50 -2.29	47.25 0.14 -1.87	49.66 0.28 -2.44	51.49 0.77 -2.38	51.71 0.58 -2.43	55.17 0.26 -2.02	55.40 0.16 -2.25	56.81 -0.89 -2.27	59.09 -1.63 -2.57	65.08 -2.39 -2.98	59.70 -1.28 -2.59	59.67 -0.81 -2.64	50.62 -0.29 -1.99	45.28 -0.26 -1.54	40.87 -0.12 -1.18	37.28 0.68 -0.96
HUNTLEY___64 23558	38.57 1.55 -1.06	34.82 1.71 -0.81	32.88 1.21 -0.63	31.58 1.39 -0.60	32.10 1.24 -0.65	34.31 1.40 -1.12	42.68 1.01 -1.30	47.63 0.75 -2.59	48.30 0.50 -2.29	47.25 0.14 -1.87	49.66 0.28 -2.44	51.49 0.77 -2.38	51.71 0.58 -2.43	55.17 0.26 -2.02	55.40 0.16 -2.25	56.81 -0.89 -2.27	59.09 -1.63 -2.57	65.08 -2.39 -2.98	59.70 -1.28 -2.59	59.67 -0.81 -2.64	50.62 -0.29 -1.99	45.28 -0.26 -1.54	40.87 -0.12 -1.18	37.28 0.68 -0.96
HUNTLEY___65 23559	38.57 1.55 -1.06	34.82 1.71 -0.81	32.88 1.21 -0.63	31.58 1.39 -0.60	32.10 1.24 -0.65	34.31 1.40 -1.12	42.68 1.01 -1.30	47.63 0.75 -2.59	48.30 0.50 -2.29	47.25 0.14 -1.87	49.66 0.28 -2.44	51.49 0.77 -2.38	51.71 0.58 -2.43	55.17 0.26 -2.02	55.40 0.16 -2.25	56.81 -0.89 -2.27	59.09 -1.63 -2.57	65.08 -2.39 -2.98	59.70 -1.28 -2.59	59.67 -0.81 -2.64	50.62 -0.29 -1.99	45.28 -0.26 -1.54	40.87 -0.12 -1.18	37.28 0.68 -0.96
HUNTLEY___66 23560	38.57 1.55 -1.06	34.82 1.71 -0.81	32.88 1.21 -0.63	31.58 1.39 -0.60	32.10 1.24 -0.65	34.31 1.40 -1.12	42.68 1.01 -1.30	47.63 0.75 -2.59	48.30 0.50 -2.29	47.25 0.14 -1.87	49.66 0.28 -2.44	51.49 0.77 -2.38	51.71 0.58 -2.43	55.17 0.26 -2.02	55.40 0.16 -2.25	56.81 -0.89 -2.27	59.09 -1.63 -2.57	65.08 -2.39 -2.98	59.70 -1.28 -2.59	59.67 -0.81 -2.64	50.62 -0.29 -1.99	45.28 -0.26 -1.54	40.87 -0.12 -1.18	37.28 0.68 -0.96
HUNTLEY___67 23561	38.17 1.15 -1.05	34.46 1.36 -0.81	32.53 0.87 -0.63	31.28 1.09 -0.60	31.79 0.94 -0.64	33.99 1.08 -1.12	42.43 0.77 -1.29	47.45 0.58 -2.58	48.11 0.32 -2.28	46.97 -0.14 -1.86	49.37 0.00 -2.43	51.19 0.48 -2.37	51.46 0.34 -2.42	55.06 0.16 -2.02	55.28 0.05 -2.24	56.75 -0.94 -2.26	59.08 -1.63 -2.56	65.20 -2.26 -2.98	59.69 -1.28 -2.58	59.72 -0.75 -2.63	50.41 -0.49 -1.98	45.14 -0.40 -1.53	40.71 -0.28 -1.18	36.89 0.29 -0.96
HUNTLEY___68 23562	38.17 1.15 -1.05	34.46 1.36 -0.81	32.53 0.87 -0.63	31.28 1.09 -0.60	31.79 0.94 -0.64	33.99 1.08 -1.12	42.43 0.77 -1.29	47.45 0.58 -2.58	48.11 0.32 -2.28	46.97 -0.14 -1.86	49.37 0.00 -2.43	51.19 0.48 -2.37	51.46 0.34 -2.42	55.06 0.16 -2.02	55.28 0.05 -2.24	56.75 -0.94 -2.26	59.08 -1.63 -2.56	65.20 -2.26 -2.98	59.69 -1.28 -2.58	59.72 -0.75 -2.63	50.41 -0.49 -1.98	45.14 -0.40 -1.53	40.71 -0.28 -1.18	36.89 0.29 -0.96

HYLAND___LFGE 323620	39.80 2.62 -1.21	35.88 2.65 -0.93	33.99 2.24 -0.72	32.46 2.19 -0.69	33.13 2.18 -0.74	35.59 2.51 -1.29	45.12 3.27 -1.49	51.07 3.81 -2.97	51.41 3.28 -2.62	49.51 2.13 -2.14	51.99 2.25 -2.80	52.95 1.88 -2.72	53.23 1.75 -2.78	57.10 1.90 -2.32	57.31 1.75 -2.58	59.58 1.55 -2.60	62.83 1.74 -2.94	70.46 2.58 -3.41	65.15 3.79 -2.95	65.48 4.63 -3.01	54.81 3.62 -2.27	48.89 3.12 -1.76	43.79 2.63 -1.35	39.27 2.53 -1.09
INDECK___CORINTH 23802	36.40 0.43 0.00	32.79 0.49 0.00	31.53 0.50 0.00	30.03 0.44 0.00	30.69 0.48 0.00	32.27 0.48 0.00	41.06 0.69 0.00	44.99 0.80 0.10	45.58 0.68 0.61	45.41 0.90 0.74	46.74 0.61 0.80	48.19 0.58 0.73	48.41 0.44 0.72	52.67 0.53 0.74	52.40 0.64 1.22	54.93 0.78 1.27	62.92 0.93 -3.85	72.77 1.10 -7.20	67.92 1.17 -8.36	63.55 0.98 -4.73	49.90 1.03 0.05	44.97 0.97 0.00	40.11 0.84 0.54	35.92 0.61 0.34
INDECK___ILION 23567	36.00 0.04 0.00	32.59 0.03 -0.26	31.19 0.03 -0.12	29.74 0.03 -0.13	30.43 0.03 -0.19	32.40 0.06 -0.55	41.31 0.12 -0.81	45.38 0.18 -0.91	46.53 0.14 -0.89	46.27 0.14 -0.89	47.94 0.14 -0.86	49.32 0.15 -0.84	49.23 0.15 -0.39	53.80 0.16 -0.76	53.29 0.11 -0.19	55.60 0.17 0.00	58.51 0.17 -0.19	65.14 0.26 -0.40	59.28 0.23 -0.64	58.69 0.17 -0.67	49.95 0.20 -0.83	44.33 0.13 -0.19	40.13 0.12 -0.19	35.92 0.11 -0.17
INDECK___OLEAN 23982	38.25 1.19 -1.10	34.47 1.32 -0.84	32.50 0.81 -0.66	31.19 0.97 -0.63	31.88 1.00 -0.67	34.07 1.11 -1.17	42.69 0.97 -1.35	48.37 1.37 -2.70	49.35 1.46 -2.39	47.78 0.59 -1.95	50.52 1.03 -2.55	51.74 0.92 -2.49	52.21 0.97 -2.54	56.00 1.00 -2.11	56.14 0.80 -2.35	57.86 0.06 -2.37	60.43 -0.40 -2.69	66.68 -0.90 -3.10	60.97 -0.12 -2.69	61.33 0.75 -2.74	51.09 0.10 -2.06	45.47 -0.13 -1.60	40.92 -0.12 -1.23	37.04 0.39 -1.00
INDECK___OSWEGO 23783	40.60 -0.47 -5.11	36.24 -0.39 -4.33	33.87 -0.40 -3.24	32.31 -0.39 -3.11	33.25 -0.39 -3.43	37.72 -0.38 -6.32	47.14 -0.81 -7.58	57.42 -0.84 -13.98	57.19 -0.82 -12.50	54.87 -0.86 -10.49	59.29 -0.84 -13.19	60.19 -0.92 -12.77	60.04 -0.93 -12.26	62.86 -0.95 -10.92	63.04 -1.06 -11.11	65.14 -1.17 -10.88	69.45 -1.34 -12.63	77.57 -1.55 -14.64	70.33 -1.29 -13.21	70.11 -1.22 -13.49	58.62 -1.03 -10.73	50.56 -0.97 -7.52	44.78 -0.88 -5.85	39.96 -0.46 -4.77
INDECK___YERKES 23781	38.60 1.58 -1.06	34.92 1.81 -0.81	32.97 1.30 -0.63	31.61 1.42 -0.60	32.13 1.27 -0.65	34.34 1.43 -1.12	42.71 1.05 -1.30	47.94 1.06 -2.59	48.98 1.18 -2.29	47.34 0.23 -1.87	50.27 0.89 -2.44	51.63 0.92 -2.38	52.10 0.97 -2.43	55.70 0.79 -2.02	55.71 0.48 -2.25	57.14 -0.55 -2.27	59.32 -1.40 -2.57	65.19 -2.26 -2.97	59.69 -1.29 -2.58	60.00 -0.46 -2.63	50.66 -0.24 -1.98	45.32 -0.22 -1.53	40.91 -0.08 -1.17	37.60 1.00 -0.95
INDIAN POINT_GT_1 24139	37.08 1.11 0.00	33.17 0.87 0.00	31.84 0.81 0.00	30.30 0.71 0.00	30.94 0.73 0.00	32.68 0.89 0.00	41.58 1.21 0.00	45.88 1.46 -0.12	47.57 1.32 -0.74	47.58 1.45 -0.89	49.46 1.55 -0.97	50.68 1.45 -0.89	51.04 1.46 -0.87	55.37 1.59 -0.90	55.84 1.38 -1.48	58.75 1.77 -1.54	61.58 2.04 -1.40	68.42 2.26 -1.68	60.56 1.87 -0.30	60.00 1.68 -0.48	50.24 1.32 0.00	45.28 1.28 0.00	41.94 1.47 -0.66	37.23 1.18 -0.41
INDIAN POINT_GT_2 23659	37.08 1.11 0.00	33.17 0.87 0.00	31.84 0.81 0.00	30.30 0.71 0.00	30.94 0.73 0.00	32.68 0.89 0.00	41.58 1.21 0.00	45.88 1.46 -0.12	47.57 1.32 -0.74	47.58 1.45 -0.89	49.46 1.55 -0.97	50.68 1.45 -0.89	51.04 1.46 -0.87	55.37 1.59 -0.90	55.84 1.38 -1.48	58.75 1.77 -1.54	61.58 2.04 -1.40	68.42 2.26 -1.68	60.56 1.87 -0.30	60.00 1.68 -0.48	50.24 1.32 0.00	45.28 1.28 0.00	41.94 1.47 -0.66	37.23 1.18 -0.41
INDIAN POINT_GT_3 24019	37.08 1.11 0.00	33.17 0.87 0.00	31.84 0.81 0.00	30.30 0.71 0.00	30.94 0.73 0.00	32.68 0.89 0.00	41.58 1.21 0.00	45.88 1.46 -0.12	47.57 1.32 -0.74	47.58 1.45 -0.89	49.46 1.55 -0.97	50.68 1.45 -0.89	51.04 1.46 -0.87	55.37 1.59 -0.90	55.84 1.38 -1.48	58.75 1.77 -1.54	61.58 2.04 -1.40	68.42 2.26 -1.68	60.56 1.87 -0.30	60.00 1.68 -0.48	50.24 1.32 0.00	45.28 1.28 0.00	41.94 1.47 -0.66	37.23 1.18 -0.41
INDIAN POINT___2 23530	37.04 1.08 0.00	33.11 0.81 0.00	31.78 0.74 0.00	30.27 0.68 0.00	30.93 0.72 0.00	32.68 0.89 0.00	41.54 1.17 0.00	45.79 1.37 -0.12	47.46 1.23 -0.72	47.69 1.58 -0.87	49.29 1.41 -0.95	50.65 1.45 -0.87	50.91 1.36 -0.85	55.29 1.53 -0.87	55.80 1.38 -1.44	58.65 1.72 -1.50	61.60 2.09 -1.36	68.44 2.32 -1.64	60.61 1.92 -0.29	59.99 1.68 -0.46	50.31 1.32 -0.06	45.24 1.23 0.00	41.89 1.43 -0.64	37.22 1.17 -0.40
INDIAN POINT___3 23531	37.04 1.08 0.00	33.14 0.84 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.94 0.73 0.00	32.65 0.86 0.00	41.50 1.13 0.00	45.83 1.42 -0.12	47.52 1.27 -0.74	47.49 1.36 -0.89	49.37 1.46 -0.97	50.58 1.35 -0.89	50.94 1.36 -0.88	55.26 1.48 -0.90	55.79 1.32 -1.48	58.64 1.66 -1.54	61.46 1.92 -1.40	68.29 2.13 -1.69	60.45 1.75 -0.30	59.88 1.56 -0.48	50.15 1.22 0.00	45.24 1.23 0.00	41.91 1.43 -0.66	37.20 1.14 -0.41
INGHAM_C_115KV_TB7 356103	34.56 -1.40 0.00	31.21 -1.36 -0.26	29.82 -1.33 -0.12	28.32 -1.39 -0.13	28.95 -1.45 -0.19	30.91 -1.43 -0.55	39.53 -1.66 -0.81	43.43 -1.77 -0.91	44.67 -1.73 -0.89	44.55 -1.58 -0.89	46.54 -1.27 -0.86	48.21 -0.97 -0.84	48.26 -0.83 -0.39	52.69 -0.95 -0.76	52.33 -0.85 -0.19	54.60 -0.83 0.00	57.35 -0.99 -0.19	63.91 -0.97 -0.40	58.28 -0.76 -0.64	57.88 -0.64 -0.67	49.31 -0.44 -0.83	43.80 -0.40 -0.19	39.65 -0.36 -0.19	35.46 -0.36 -0.17
IP CORINTH___1 23988	36.61 0.65 0.00	32.95 0.65 0.00	31.72 0.68 0.00	30.21 0.62 0.00	30.88 0.66 0.00	32.42 0.64 0.00	41.30 0.93 0.00	45.30 1.11 0.10	45.90 1.00 0.61	45.59 1.09 0.74	47.03 0.89 0.80	48.43 0.82 0.73	48.71 0.73 0.72	52.99 0.85 0.74	52.66 0.90 1.22	55.21 1.05 1.27	63.16 1.16 -3.85	73.03 1.35 -7.20	68.22 1.46 -8.36	63.84 1.27 -4.73	50.20 1.27 0.00	45.24 1.23 0.00	40.34 1.07 0.54	36.13 0.82 0.34
IP___TICONDEROGA 23804	38.16 2.19 0.00	34.30 2.00 0.00	32.99 1.96 0.00	31.39 1.80 0.00	32.11 1.90 0.00	33.85 2.07 0.00	43.28 2.91 0.00	47.38 3.19 0.10	47.88 3.00 0.63	47.56 3.08 0.76	48.93 2.82 0.83	50.39 2.80 0.75	50.59 2.63 0.74	55.03 2.91 0.76	54.80 3.07 1.26	57.45 3.33 1.31	65.96 3.61 -4.21	76.44 4.13 -7.84	71.75 4.32 -9.03	67.07 4.11 -5.12	52.64 3.72 0.00	47.35 3.34 0.00	42.08 2.83 0.56	37.66 2.35 0.35
ISLIP_RES_REC 323679	37.26 1.29 0.00	32.88 0.58 0.00	31.53 0.50 0.00	29.73 0.15 0.01	30.39 0.18 0.01	32.55 0.76 0.00	41.74 1.37 0.00	45.47 1.06 -0.12	46.81 0.77 -0.53	47.00 1.13 -0.63	47.80 1.12 0.26	48.16 1.11 1.29	47.90 1.07 1.87	47.35 1.22 6.75	50.52 1.00 3.47	50.60 1.39 6.21	55.71 1.69 4.13	68.04 1.87 -1.69	55.56 1.46 4.30	51.39 1.22 7.67	44.82 0.93 5.03	44.54 0.83 0.31	41.59 1.11 -0.66	37.27 1.21 -0.41

JAMAICA__27_KV_LOAD 355505	37.58 1.62 0.00	33.56 1.26 0.00	32.15 1.12 0.00	30.56 0.98 0.00	31.21 1.00 0.00	33.06 1.27 0.00	42.23 1.86 0.00	46.68 2.26 -0.12	48.40 2.14 -0.75	48.40 2.26 -0.90	50.22 2.30 -0.99	51.46 2.22 -0.90	51.83 2.24 -0.89	56.28 2.49 -0.91	56.76 2.28 -1.50	59.82 2.83 -1.56	62.76 3.20 -1.41	69.67 3.48 -1.71	61.68 2.98 -0.30	61.04 2.72 -0.48	50.98 2.05 0.00	46.03 2.02 0.00	42.75 2.27 -0.67	37.95 1.89 -0.41
JANIS__SOLAR 323808	39.13 1.66 -1.51	34.91 1.45 -1.15	33.21 1.27 -0.90	31.66 1.21 -0.86	32.37 1.24 -0.92	34.88 1.49 -1.60	44.28 2.06 -1.85	50.42 2.43 -3.69	51.27 2.50 -3.27	49.95 2.04 -2.67	52.44 2.02 -3.48	53.77 2.03 -3.40	54.17 2.00 -3.47	57.89 2.12 -2.89	58.27 2.06 -3.22	60.83 2.16 -3.24	64.15 2.33 -3.67	71.56 2.83 -4.25	65.12 3.03 -3.69	64.89 3.30 -3.76	54.44 2.69 -2.83	48.31 2.11 -2.19	43.17 1.67 -1.68	38.55 1.53 -1.36
JARVIS____ 23743	35.93 -0.04 0.00	32.53 -0.03 -0.26	31.13 -0.03 -0.12	29.68 -0.03 -0.13	30.37 -0.03 -0.19	32.31 -0.03 -0.55	41.18 0.00 -0.81	45.25 0.04 -0.91	46.44 0.05 -0.89	46.18 0.05 -0.89	47.80 0.00 -0.86	49.23 0.05 -0.84	49.14 0.05 -0.39	53.70 0.05 -0.76	53.18 0.00 -0.19	55.49 0.06 0.00	58.40 0.06 -0.19	65.00 0.13 -0.40	59.09 0.06 -0.63	58.56 0.06 -0.66	49.84 0.10 -0.82	44.24 0.04 -0.19	40.04 0.04 -0.19	35.85 0.04 -0.17
JENNISON____1 23625	38.79 1.69 -1.13	34.62 1.45 -0.87	33.01 1.30 -0.67	31.50 1.27 -0.64	32.17 1.27 -0.69	34.48 1.49 -1.20	43.78 2.02 -1.39	49.45 2.39 -2.77	50.42 2.46 -2.45	49.51 2.26 -2.00	51.90 2.35 -2.61	53.37 2.47 -2.57	53.71 2.39 -2.62	57.55 2.49 -2.18	57.80 2.38 -2.43	60.32 2.44 -2.45	63.36 2.44 -2.77	70.67 2.97 -3.22	64.06 2.86 -2.80	63.70 3.01 -2.85	53.66 2.59 -2.14	47.69 2.02 -1.66	42.76 1.67 -1.27	38.11 1.43 -1.03
JENNISON____2 23626	38.79 1.69 -1.13	34.62 1.45 -0.87	33.01 1.30 -0.67	31.50 1.27 -0.64	32.17 1.27 -0.69	34.48 1.49 -1.20	43.78 2.02 -1.39	49.45 2.39 -2.77	50.42 2.46 -2.45	49.51 2.26 -2.00	51.90 2.35 -2.61	53.37 2.47 -2.57	53.71 2.39 -2.62	57.55 2.49 -2.18	57.80 2.38 -2.43	60.32 2.44 -2.45	63.36 2.44 -2.77	70.67 2.97 -3.22	64.06 2.86 -2.80	63.70 3.01 -2.85	53.66 2.59 -2.14	47.69 2.02 -1.66	42.76 1.67 -1.27	38.11 1.43 -1.03
JERICHO_RISE_WT_PWR 323719	36.32 0.36 0.00	34.17 0.26 -1.61	32.00 0.22 -0.75	30.57 0.21 -0.77	31.62 0.21 -1.19	35.44 0.25 -3.40	45.44 0.04 -5.03	49.51 -0.40 -5.62	50.26 -0.73 -5.48	50.17 -0.59 -5.52	51.66 -0.61 -5.33	52.60 -0.92 -5.18	50.65 -0.44 -2.39	56.87 -0.69 -4.68	53.81 -0.37 -1.19	55.05 -0.39 0.00	59.05 -0.29 -1.19	66.82 -0.13 -2.47	62.29 -0.06 -3.95	61.72 -0.23 -4.11	53.67 -0.34 -5.09	45.37 0.18 -1.19	41.36 0.36 -1.19	36.88 0.18 -1.05
KATONAH__115KV_46KV_TB4 355592	37.15 1.19 0.00	33.30 1.00 0.00	31.97 0.93 0.00	30.44 0.86 0.00	31.09 0.88 0.00	32.87 1.08 0.00	41.82 1.45 0.00	46.19 1.77 -0.12	47.89 1.64 -0.75	47.99 1.85 -0.90	49.89 1.97 -0.98	51.17 1.93 -0.90	51.53 1.95 -0.88	55.85 2.06 -0.90	56.33 1.85 -1.49	59.20 2.22 -1.56	62.06 2.50 -1.41	68.88 2.71 -1.70	60.97 2.28 -0.30	60.46 2.14 -0.48	50.59 1.66 0.00	45.46 1.45 0.00	42.07 1.59 -0.66	37.31 1.25 -0.41
KCE_NY_1 323755	36.94 0.97 0.00	33.17 0.87 0.00	31.90 0.87 0.00	30.41 0.83 0.00	31.09 0.88 0.00	32.71 0.92 0.00	41.66 1.29 0.00	45.60 1.42 0.11	46.22 1.36 0.65	46.00 1.54 0.78	47.40 1.31 0.86	48.91 1.35 0.78	49.19 1.26 0.77	53.47 1.37 0.79	53.11 1.43 1.30	55.68 1.61 1.36	64.68 1.80 -4.72	75.21 2.00 -8.74	70.30 1.92 -9.98	65.31 1.80 -5.68	50.53 1.66 0.06	45.46 1.45 0.00	40.59 1.35 0.58	36.43 1.14 0.36
KCE_NY_6_ESR 323823	38.52 1.48 -1.08	34.80 1.68 -0.82	32.86 1.18 -0.64	31.50 1.30 -0.61	32.05 1.18 -0.66	34.27 1.33 -1.14	42.90 1.21 -1.32	48.30 1.37 -2.64	49.39 1.55 -2.33	47.69 0.54 -1.91	50.60 1.17 -2.49	51.92 1.16 -2.42	52.39 1.22 -2.47	56.21 1.27 -2.06	56.28 1.00 -2.29	57.85 0.11 -2.31	60.13 -0.64 -2.62	66.22 -1.29 -3.03	60.56 -0.47 -2.63	60.93 0.41 -2.68	51.09 0.15 -2.02	45.66 0.09 -1.56	41.17 0.16 -1.20	37.48 0.85 -0.97
KEDC_PORT_JEFF_GT2 24210	37.01 1.04 0.00	32.69 0.39 0.00	31.35 0.31 0.00	29.58 0.00 0.01	30.20 0.00 0.01	32.33 0.54 0.00	41.46 1.09 0.00	45.07 0.67 -0.12	46.40 0.36 -0.53	46.63 0.77 -0.63	47.32 0.66 0.27	47.56 0.53 1.31	47.29 0.49 1.90	46.71 0.64 6.81	49.85 0.37 3.51	49.87 0.72 6.28	54.90 0.93 4.17	67.20 1.03 -1.69	54.77 0.70 4.33	50.63 0.52 7.73	44.34 0.49 5.07	44.14 0.44 0.31	41.31 0.84 -0.66	37.02 0.96 -0.41
KEDC_PORT_JEFF_GT3 24211	37.01 1.04 0.00	32.69 0.39 0.00	31.35 0.31 0.00	29.58 0.00 0.01	30.20 0.00 0.01	32.33 0.54 0.00	41.46 1.09 0.00	45.07 0.67 -0.12	46.40 0.36 -0.53	46.63 0.77 -0.63	47.32 0.66 0.27	47.56 0.53 1.31	47.29 0.49 1.90	46.71 0.64 6.81	49.85 0.37 3.51	49.87 0.72 6.28	54.90 0.93 4.17	67.20 1.03 -1.69	54.77 0.70 4.33	50.63 0.52 7.73	44.34 0.49 5.07	44.14 0.44 0.31	41.31 0.84 -0.66	37.02 0.96 -0.41
KEDC_GLWD_GT4 24219	37.33 1.37 0.00	33.20 0.90 0.00	31.88 0.84 0.00	30.23 0.65 0.00	30.87 0.66 0.00	32.80 1.02 0.00	41.82 1.45 0.00	45.87 1.46 -0.12	47.50 1.32 -0.68	47.77 1.72 -0.81	48.86 1.36 -0.56	50.00 1.50 -0.16	50.07 1.41 0.05	52.79 1.59 1.68	54.24 1.43 0.18	56.14 1.77 1.07	59.78 2.09 0.46	68.43 2.26 -1.70	58.96 1.81 1.26	57.13 1.56 2.27	48.44 1.17 1.66	45.31 1.41 0.10	42.03 1.55 -0.66	37.49 1.43 -0.41
KEDC_GLWD_GT5 24220	37.33 1.37 0.00	33.20 0.90 0.00	31.88 0.84 0.00	30.23 0.65 0.00	30.87 0.66 0.00	32.80 1.02 0.00	41.82 1.45 0.00	45.87 1.46 -0.12	47.50 1.32 -0.68	47.77 1.72 -0.81	48.86 1.36 -0.56	50.00 1.50 -0.16	50.07 1.41 0.05	52.79 1.59 1.68	54.24 1.43 0.18	56.14 1.77 1.07	59.78 2.09 0.46	68.43 2.26 -1.70	58.96 1.81 1.26	57.13 1.56 2.27	48.44 1.17 1.66	45.31 1.41 0.10	42.03 1.55 -0.66	37.49 1.43 -0.41
KENSICO____ 23655	37.19 1.22 0.00	33.27 0.97 0.00	31.91 0.87 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.77 0.99 0.00	41.70 1.33 0.00	46.06 1.64 -0.12	47.76 1.50 -0.75	47.72 1.58 -0.90	49.61 1.69 -0.98	50.83 1.60 -0.90	51.19 1.61 -0.88	55.59 1.80 -0.91	56.07 1.59 -1.50	58.93 1.94 -1.56	61.77 2.21 -1.41	68.63 2.45 -1.71	60.74 2.04 -0.30	60.18 1.85 -0.48	50.34 1.42 0.00	45.41 1.41 0.00	42.07 1.59 -0.67	37.34 1.28 -0.41
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.44 1.47 0.00	33.50 1.20 0.00	32.15 1.12 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.90 1.11 0.00	41.90 1.53 0.00	46.23 1.86 -0.08	47.71 1.73 -0.47	47.39 1.58 -0.57	49.06 1.50 -0.62	50.31 1.40 -0.57	50.67 1.41 -0.56	55.10 1.64 -0.57	55.36 1.43 -0.94	58.19 1.77 -0.98	61.25 2.21 -0.89	68.00 2.45 -1.07	60.98 2.39 -0.19	60.58 2.43 -0.30	50.88 1.96 0.00	45.90 1.89 0.00	42.14 1.91 -0.42	37.37 1.46 -0.26

KIAC_JFK_GT1 23816	37.22 1.26 0.00	33.24 0.94 0.00	31.88 0.84 0.00	30.27 0.68 0.00	30.91 0.69 0.00	32.74 0.95 0.00	41.82 1.45 0.00	46.23 1.82 -0.12	47.90 1.64 -0.75	47.95 1.81 -0.90	49.76 1.83 -0.99	50.98 1.74 -0.90	51.34 1.75 -0.89	55.75 1.96 -0.91	56.23 1.75 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	68.96 2.77 -1.71	61.09 2.39 -0.30	60.41 2.08 -0.48	50.44 1.52 0.00	45.55 1.54 0.00	42.31 1.83 -0.67	37.70 1.64 -0.41
KIAC_JFK_GT2 23817	37.22 1.26 0.00	33.24 0.94 0.00	31.88 0.84 0.00	30.27 0.68 0.00	30.91 0.69 0.00	32.74 0.95 0.00	41.82 1.45 0.00	46.23 1.82 -0.12	47.90 1.64 -0.75	47.95 1.81 -0.90	49.76 1.83 -0.99	50.98 1.74 -0.90	51.34 1.75 -0.89	55.75 1.96 -0.91	56.23 1.75 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	68.96 2.77 -1.71	61.09 2.39 -0.30	60.41 2.08 -0.48	50.44 1.52 0.00	45.55 1.54 0.00	42.31 1.83 -0.67	37.70 1.64 -0.41
KIAC_JFK____ 323774	37.22 1.26 0.00	33.17 0.87 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.91 0.70 0.00	32.74 0.95 0.00	41.82 1.45 0.00	46.19 1.77 -0.12	47.85 1.59 -0.75	48.13 1.99 -0.90	49.71 1.78 -0.99	51.08 1.84 -0.90	51.29 1.70 -0.89	55.80 2.01 -0.91	56.29 1.80 -1.50	59.32 2.33 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.47 2.14 -0.48	50.60 1.61 -0.07	45.55 1.54 0.00	42.31 1.83 -0.67	37.77 1.71 -0.41
KINTIGH__24_KV_GSU 356498	37.86 0.90 -1.00	34.22 1.16 -0.76	32.37 0.74 -0.59	31.01 0.86 -0.57	31.54 0.72 -0.61	33.67 0.83 -1.06	42.12 0.52 -1.22	47.27 0.53 -2.44	48.26 0.59 -2.16	46.69 -0.31 -1.76	49.52 0.28 -2.30	50.92 0.34 -2.24	51.33 0.34 -2.29	55.21 0.42 -1.90	55.27 0.16 -2.12	56.85 -0.72 -2.14	59.12 -1.45 -2.42	65.15 -2.13 -2.80	59.49 -1.34 -2.43	59.68 -0.64 -2.47	50.20 -0.58 -1.86	44.97 -0.48 -1.44	40.52 -0.40 -1.11	36.94 0.39 -0.90
KINTIGH____ 23543	37.86 0.90 -1.00	34.16 1.10 -0.76	32.34 0.71 -0.59	31.01 0.86 -0.57	31.54 0.73 -0.61	33.67 0.83 -1.06	42.12 0.52 -1.22	47.04 0.31 -2.44	47.76 0.09 -2.16	46.64 -0.36 -1.76	49.05 -0.19 -2.30	50.82 0.24 -2.24	51.08 0.10 -2.29	54.74 -0.05 -1.90	54.95 -0.16 -2.12	56.57 -1.00 -2.14	58.88 -1.69 -2.42	65.03 -2.26 -2.81	59.44 -1.40 -2.44	59.40 -0.93 -2.49	50.16 -0.64 -1.87	44.97 -0.48 -1.45	40.53 -0.40 -1.11	36.73 0.18 -0.90
KNTFSRNC_46_KV_46KV_LOAD 80397	36.90 0.94 0.00	34.04 0.78 -0.96	32.13 0.65 -0.45	30.67 0.62 -0.46	31.56 0.63 -0.71	34.55 0.73 -2.03	43.86 0.48 -3.00	47.38 -0.27 -3.35	48.74 -0.05 -3.28	48.63 0.09 -3.30	50.22 0.09 -3.18	51.67 0.24 -3.09	50.42 0.29 -1.43	56.31 0.63 -2.79	54.71 1.01 -0.71	56.48 1.05 0.00	60.20 1.34 -0.71	67.76 1.81 -1.48	62.52 1.75 -2.37	61.81 1.50 -2.47	52.66 0.68 -3.06	45.33 0.62 -0.71	41.56 1.04 -0.71	37.02 0.75 -0.63
LACHUTE____HYDRO 323717	38.16 2.19 0.00	34.30 2.00 0.00	32.99 1.96 0.00	31.39 1.80 0.00	32.12 1.90 0.00	33.85 2.07 0.00	43.28 2.91 0.00	47.38 3.19 0.10	47.93 3.05 0.63	47.65 3.17 0.76	48.93 2.82 0.83	50.44 2.85 0.75	50.59 2.63 0.74	55.08 2.96 0.76	54.85 3.13 1.26	57.50 3.38 1.31	66.02 3.67 -4.21	76.57 4.25 -7.84	71.81 4.38 -9.03	67.13 4.17 -5.12	52.63 3.77 0.06	47.35 3.34 0.00	42.08 2.83 0.56	37.66 2.35 0.35
LAWRNCV_115KV_TB1 80681	36.86 0.58 -0.32	44.83 0.52 -12.01	37.13 0.47 -5.63	35.84 0.44 -5.81	39.57 0.45 -8.91	57.45 0.51 -25.16	78.14 0.73 -37.04	86.83 0.80 -41.74	87.10 0.91 -40.69	86.95 0.90 -40.81	87.42 0.89 -39.59	87.75 0.92 -38.49	67.82 0.97 -18.15	88.72 1.11 -34.73	63.59 1.22 -9.38	57.38 1.27 -0.68	68.85 1.22 -9.48	84.82 1.35 -18.99	89.14 1.05 -29.69	89.78 1.04 -30.89	87.66 0.83 -37.90	54.00 0.84 -9.15	49.62 0.76 -9.05	44.23 0.61 -7.98
LEDERLE____ 23769	37.26 1.29 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.41 0.83 0.00	31.06 0.85 0.00	32.81 1.02 0.00	41.70 1.33 0.00	46.05 1.64 -0.12	47.77 1.55 -0.71	47.68 1.58 -0.85	49.51 1.64 -0.93	50.74 1.55 -0.85	51.10 1.56 -0.84	55.49 1.75 -0.86	55.94 1.54 -1.42	58.79 1.88 -1.48	61.69 2.21 -1.34	68.54 2.45 -1.61	60.84 2.16 -0.28	60.27 1.97 -0.46	50.44 1.52 0.00	45.50 1.50 0.00	42.08 1.63 -0.63	37.36 1.32 -0.39
LIGHTHSE_115KV_TB6 355974	38.70 0.40 -2.33	35.61 0.32 -2.99	33.26 0.28 -1.95	31.73 0.24 -1.90	32.77 0.24 -2.31	37.18 0.38 -5.01	47.54 0.57 -6.61	54.94 0.75 -9.90	55.38 0.73 -9.14	54.07 0.59 -8.24	56.86 0.56 -9.36	58.00 0.58 -9.08	56.39 0.58 -7.10	61.39 0.58 -7.92	59.35 0.53 -5.83	60.96 0.55 -4.98	65.08 0.41 -6.53	72.94 0.06 -8.40	67.33 0.29 -8.64	67.11 0.40 -8.86	57.44 0.34 -8.17	48.58 0.31 -4.27	43.41 0.12 -3.48	38.59 0.14 -2.80
LINDEN COGEN____ 23786	27.68 1.26 9.54	24.70 0.94 8.54	23.31 0.84 8.57	23.31 0.77 7.04	23.31 0.78 7.69	24.37 0.99 8.40	24.14 1.37 17.60	25.63 1.59 20.25	26.16 1.36 20.71	25.91 1.81 21.14	26.45 1.64 22.13	26.49 1.69 23.54	27.18 1.60 23.12	28.75 1.85 25.99	34.49 1.64 20.14	35.85 2.05 21.63	38.93 2.38 21.60	40.52 2.64 26.60	42.46 2.10 18.04	42.46 1.85 17.23	35.68 1.42 14.66	30.93 1.41 14.49	28.96 1.67 12.52	27.62 1.43 9.46
LINDHRST_69_KV_BK1 356055	37.37 1.40 0.00	33.11 0.81 0.00	31.72 0.68 0.00	29.93 0.36 0.01	30.60 0.39 0.01	32.68 0.89 0.00	41.82 1.45 0.00	45.65 1.24 -0.12	47.07 1.00 -0.56	46.99 1.09 -0.66	48.20 1.36 0.10	48.54 1.21 1.01	48.35 1.17 1.52	48.44 1.32 5.76	51.32 1.17 2.83	51.77 1.55 5.22	56.59 1.86 3.42	68.17 2.00 -1.69	56.39 1.69 3.71	52.67 1.45 6.62	45.56 1.08 4.44	44.80 1.06 0.27	41.99 1.51 -0.66	37.42 1.35 -0.41
LIPA_MISC_IPP 23656	36.79 0.83 0.00	32.53 0.23 0.00	31.19 0.16 0.00	29.37 -0.21 0.01	30.02 -0.18 0.01	32.14 0.35 0.00	41.18 0.81 0.00	44.94 0.53 -0.12	46.22 0.18 -0.53	46.09 0.23 -0.62	47.04 0.38 0.28	47.17 0.15 1.32	46.89 0.10 1.91	46.20 0.16 6.84	49.46 0.00 3.52	49.45 0.33 6.31	54.53 0.58 4.19	66.81 0.64 -1.69	54.46 0.41 4.35	50.25 0.17 7.76	43.82 0.05 5.15	43.79 0.09 0.31	41.23 0.76 -0.66	36.74 0.68 -0.41
LISF____SOLAR 323691	36.83 0.86 0.00	32.53 0.23 0.00	31.19 0.16 0.00	29.40 -0.18 0.01	30.05 -0.15 0.01	32.17 0.38 0.00	41.26 0.89 0.00	44.90 0.49 -0.12	46.22 0.18 -0.53	46.41 0.54 -0.63	47.04 0.37 0.28	47.37 0.34 1.31	47.04 0.24 1.90	46.43 0.37 6.83	49.63 0.16 3.52	49.63 0.50 6.30	54.77 0.81 4.19	67.07 0.90 -1.69	54.64 0.58 4.34	50.44 0.35 7.75	44.04 0.20 5.08	43.87 0.18 0.31	41.03 0.56 -0.66	36.81 0.75 -0.41
LITTLE FALLS____HYD 24013	34.56 -1.40 0.00	31.21 -1.36 -0.26	29.82 -1.33 -0.12	28.32 -1.39 -0.13	28.95 -1.45 -0.19	30.91 -1.43 -0.55	39.53 -1.66 -0.81	43.43 -1.77 -0.91	44.67 -1.73 -0.89	44.55 -1.58 -0.89	46.54 -1.27 -0.86	48.21 -0.97 -0.84	48.26 -0.83 -0.39	52.69 -0.95 -0.76	52.33 -0.85 -0.19	54.60 -0.83 0.00	57.35 -0.99 -0.19	63.91 -0.97 -0.40	58.28 -0.76 -0.64	57.88 -0.64 -0.67	49.31 -0.44 -0.83	43.80 -0.40 -0.19	39.65 -0.36 -0.19	35.46 -0.36 -0.17

LITTLRIV_115KV_TB1 356100	37.27 0.97 -0.34	44.61 0.81 -11.50	37.21 0.78 -5.40	35.87 0.71 -5.57	39.47 0.73 -8.53	56.72 0.86 -24.07	77.02 1.21 -35.43	85.59 1.33 -39.97	85.87 1.41 -38.95	85.60 1.31 -39.05	86.11 1.27 -37.91	86.50 1.31 -36.85	67.44 1.31 -17.42	87.61 1.48 -33.25	63.67 1.64 -9.04	57.92 1.77 -0.72	69.09 1.80 -9.14	84.85 2.13 -18.24	88.67 1.81 -28.46	89.36 1.91 -29.60	86.72 1.52 -36.28	54.17 1.36 -8.80	49.65 1.15 -8.68	44.23 0.93 -7.65
LI_NEWBRDGE___DRP 323616	36.90 0.94 0.00	32.75 0.45 0.00	31.41 0.37 0.00	29.70 0.12 0.01	30.32 0.12 0.01	32.33 0.54 0.00	41.30 0.93 0.00	45.12 0.71 -0.12	46.52 0.50 -0.51	46.43 0.59 -0.60	47.36 0.80 0.37	47.53 0.68 1.49	47.26 0.68 2.12	46.19 0.74 7.44	49.66 0.58 3.91	49.46 0.94 6.91	54.68 1.16 4.62	67.46 1.29 -1.69	54.62 0.93 4.71	50.20 0.75 8.40	43.86 0.49 5.55	44.20 0.53 0.33	41.47 1.00 -0.66	36.99 0.93 -0.41
LOCKPORT_115KV_TB60_63_64 80432	38.06 1.04 -1.05	34.40 1.29 -0.80	32.50 0.84 -0.63	31.22 1.04 -0.60	31.73 0.88 -0.64	33.92 1.02 -1.12	42.35 0.69 -1.29	47.31 0.44 -2.58	47.92 0.14 -2.28	46.79 -0.32 -1.86	49.18 -0.19 -2.43	51.04 0.34 -2.37	51.26 0.15 -2.41	54.84 -0.05 -2.01	55.07 -0.16 -2.24	56.47 -1.22 -2.26	58.78 -1.92 -2.55	64.80 -2.64 -2.97	59.40 -1.58 -2.57	59.48 -0.98 -2.62	50.21 -0.68 -1.98	45.01 -0.53 -1.53	40.63 -0.36 -1.17	36.82 0.21 -0.95
LOCKPORT___CC1 323769	38.10 1.08 -1.05	34.50 1.39 -0.81	32.57 0.90 -0.63	31.22 1.03 -0.60	31.73 0.88 -0.64	33.92 1.02 -1.12	42.35 0.69 -1.29	47.58 0.71 -2.58	48.61 0.82 -2.28	46.88 -0.23 -1.87	49.80 0.42 -2.43	51.14 0.43 -2.37	51.61 0.49 -2.42	55.38 0.47 -2.02	55.44 0.21 -2.24	56.86 -0.83 -2.26	59.02 -1.69 -2.56	64.99 -2.45 -2.96	59.45 -1.52 -2.57	59.83 -0.64 -2.62	50.26 -0.64 -1.97	45.01 -0.53 -1.53	40.63 -0.36 -1.17	37.10 0.50 -0.95
LOCKPORT___CC2 323770	38.10 1.08 -1.05	34.50 1.39 -0.81	32.57 0.90 -0.63	31.22 1.03 -0.60	31.73 0.88 -0.64	33.92 1.02 -1.12	42.35 0.69 -1.29	47.58 0.71 -2.58	48.61 0.82 -2.28	46.88 -0.23 -1.87	49.80 0.42 -2.43	51.14 0.43 -2.37	51.61 0.49 -2.42	55.38 0.47 -2.02	55.44 0.21 -2.24	56.86 -0.83 -2.26	59.02 -1.69 -2.56	64.99 -2.45 -2.96	59.45 -1.52 -2.57	59.83 -0.64 -2.62	50.26 -0.64 -1.97	45.01 -0.53 -1.53	40.63 -0.36 -1.17	37.10 0.50 -0.95
LOCKPORT___CC3 323771	38.10 1.08 -1.05	34.50 1.39 -0.81	32.57 0.90 -0.63	31.22 1.03 -0.60	31.73 0.88 -0.64	33.92 1.02 -1.12	42.35 0.69 -1.29	47.58 0.71 -2.58	48.61 0.82 -2.28	46.88 -0.23 -1.87	49.80 0.42 -2.43	51.14 0.43 -2.37	51.61 0.49 -2.42	55.38 0.47 -2.02	55.44 0.21 -2.24	56.86 -0.83 -2.26	59.02 -1.69 -2.56	64.99 -2.45 -2.96	59.45 -1.52 -2.57	59.83 -0.64 -2.62	50.26 -0.64 -1.97	45.01 -0.53 -1.53	40.63 -0.36 -1.17	37.10 0.50 -0.95
LOCUSVLY_69_KV_BK2 55797	37.33 1.37 0.00	33.17 0.87 0.00	31.81 0.78 0.00	30.11 0.53 0.00	30.75 0.54 0.00	32.74 0.95 0.00	41.78 1.41 0.00	45.74 1.33 -0.12	47.28 1.14 -0.64	47.27 1.27 -0.76	48.74 1.46 -0.34	49.51 1.40 0.23	49.53 1.36 0.53	51.34 1.48 3.03	53.31 1.38 1.05	54.66 1.66 2.44	58.69 1.98 1.44	68.30 2.13 -1.70	58.09 1.75 2.07	55.64 1.50 3.71	47.38 1.08 2.62	44.99 1.14 0.16	41.99 1.51 -0.66	37.42 1.35 -0.41
LONG_LAKE_PHOENIX 24014	37.43 -0.04 -1.50	33.77 0.00 -1.47	32.02 -0.06 -1.04	30.57 -0.03 -1.01	31.34 -0.03 -1.15	34.06 0.00 -2.27	43.25 0.04 -2.84	49.22 0.13 -4.80	49.95 0.09 -4.35	49.05 0.05 -3.76	51.52 0.05 -4.53	52.78 0.05 -4.40	52.66 0.05 -3.91	56.68 0.00 -3.79	56.35 -0.05 -3.42	58.47 -0.17 -3.21	61.78 -0.23 -3.87	68.87 -0.32 -4.72	62.79 -0.06 -4.45	62.40 0.00 -4.55	52.75 0.00 -3.83	46.38 -0.04 -2.41	41.60 -0.12 -1.91	37.10 -0.11 -1.56
LOVETT___3 23632	37.04 1.08 0.00	33.14 0.84 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.94 0.73 0.00	32.65 0.86 0.00	41.50 1.13 0.00	45.83 1.42 -0.12	47.50 1.27 -0.72	47.46 1.36 -0.86	49.34 1.46 -0.94	50.55 1.35 -0.86	50.91 1.36 -0.85	55.24 1.48 -0.87	55.75 1.32 -1.44	58.59 1.66 -1.50	61.42 1.92 -1.35	68.24 2.13 -1.63	60.50 1.81 -0.29	59.92 1.62 -0.46	50.15 1.22 0.00	45.24 1.23 0.00	41.88 1.43 -0.64	37.18 1.14 -0.39
LOVETT___4 23642	37.04 1.08 0.00	33.14 0.84 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.94 0.73 0.00	32.65 0.86 0.00	41.50 1.13 0.00	45.83 1.42 -0.12	47.50 1.27 -0.72	47.46 1.36 -0.86	49.34 1.46 -0.94	50.55 1.35 -0.86	50.91 1.36 -0.85	55.24 1.48 -0.87	55.75 1.32 -1.44	58.59 1.66 -1.50	61.42 1.92 -1.35	68.24 2.13 -1.63	60.50 1.81 -0.29	59.92 1.62 -0.46	50.15 1.22 0.00	45.24 1.23 0.00	41.88 1.43 -0.64	37.18 1.14 -0.39
LOVETT___5 23593	37.04 1.08 0.00	33.14 0.84 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.94 0.73 0.00	32.65 0.86 0.00	41.50 1.13 0.00	45.83 1.42 -0.12	47.50 1.27 -0.72	47.46 1.36 -0.86	49.34 1.46 -0.94	50.55 1.35 -0.86	50.91 1.36 -0.85	55.24 1.48 -0.87	55.75 1.32 -1.44	58.59 1.66 -1.50	61.42 1.92 -1.35	68.24 2.13 -1.63	60.50 1.81 -0.29	59.92 1.62 -0.46	50.15 1.22 0.00	45.24 1.23 0.00	41.88 1.43 -0.64	37.18 1.14 -0.39
LOWER RAQUET___HYD 24057	36.97 0.65 -0.36	43.87 0.55 -11.02	36.75 0.53 -5.18	35.41 0.47 -5.35	38.87 0.48 -8.18	55.38 0.54 -23.06	75.10 0.81 -33.92	83.48 0.89 -38.30	83.69 0.86 -37.32	83.41 0.77 -37.40	84.11 0.85 -36.32	84.42 0.77 -35.31	66.31 0.88 -16.74	85.64 0.90 -31.85	62.71 1.00 -8.72	57.30 1.11 -0.76	67.96 0.99 -8.82	83.27 1.10 -17.70	86.63 0.82 -27.41	87.16 0.81 -28.51	84.42 0.68 -34.82	53.48 0.93 -8.55	49.01 0.80 -8.40	43.70 0.64 -7.41
LOWER___HUDSON 24059	36.47 0.50 0.00	32.72 0.42 0.00	31.47 0.43 0.00	30.03 0.44 0.00	30.69 0.48 0.00	32.33 0.54 0.00	41.14 0.77 0.00	44.99 0.84 0.14	45.43 0.77 0.85	45.17 0.95 1.02	46.57 0.75 1.12	48.09 0.77 1.02	48.43 0.73 1.00	52.65 0.79 1.03	52.08 0.80 1.70	54.60 0.94 1.77	69.95 1.10 -10.70	84.89 1.22 -19.19	80.38 1.17 -20.82	70.81 0.92 -12.05	49.73 0.88 0.08	44.80 0.79 0.00	39.90 0.84 0.76	35.86 0.68 0.47
LOWVILLE_115KV_TB2 356335	37.30 0.54 -0.80	36.40 0.39 -3.71	33.32 0.37 -1.91	31.82 0.30 -1.94	33.30 0.30 -2.78	39.69 0.51 -7.39	51.90 0.89 -10.64	58.16 1.11 -12.76	58.92 1.14 -12.28	58.22 0.95 -12.02	59.92 0.89 -12.09	60.91 0.82 -11.75	56.24 1.12 -6.42	64.62 1.22 -10.52	58.20 1.22 -3.99	58.52 1.39 -1.71	63.83 1.45 -4.23	73.69 2.19 -7.02	70.02 2.04 -9.57	69.96 2.20 -9.92	62.11 1.86 -11.33	48.78 1.32 -3.45	43.95 0.96 -3.18	39.09 0.71 -2.73
LUTHERFT_115KV_GLOB_FND_222 355753	36.90 0.94 0.00	33.17 0.87 0.00	31.91 0.87 0.00	30.38 0.80 0.00	31.06 0.85 0.00	32.68 0.89 0.00	41.62 1.25 0.00	45.60 1.42 0.11	46.22 1.37 0.65	45.86 1.40 0.78	47.40 1.31 0.86	48.81 1.26 0.78	49.15 1.22 0.77	53.42 1.32 1.30	53.06 1.38 1.36	55.62 1.55 1.36	64.56 1.69 -4.72	75.08 1.87 -8.74	70.24 1.87 -9.98	65.20 1.68 -5.68	50.49 1.57 0.00	45.46 1.45 0.00	40.55 1.31 0.58	36.40 1.11 0.36

LUTHERNY_35_KV_BK2 355980	36.94 0.97 0.00	33.17 0.87 0.00	31.91 0.87 0.00	30.41 0.83 0.00	31.09 0.88 0.00	32.71 0.92 0.00	41.66 1.29 0.00	45.65 1.46 0.11	46.27 1.41 0.65	45.90 1.45 0.78	47.40 1.31 0.86	48.86 1.31 0.78	49.15 1.22 0.77	53.47 1.38 0.79	53.06 1.38 1.30	55.62 1.55 1.36	64.62 1.74 -4.72	75.15 1.93 -8.74	70.30 1.93 -9.98	65.25 1.74 -5.68	50.49 1.57 0.00	45.46 1.45 0.00	40.59 1.35 0.58	36.43 1.14 0.36
LWR___OSWEGATCHIE_HYD 23850	37.28 0.65 -0.67	40.64 0.52 -7.82	35.31 0.50 -3.78	33.91 0.44 -3.88	36.49 0.45 -5.82	48.53 0.60 -16.13	64.89 0.93 -23.59	72.49 1.11 -27.09	72.99 1.18 -26.30	72.47 1.04 -26.19	73.66 1.03 -25.69	74.33 1.02 -24.97	62.17 1.12 -12.35	76.63 1.27 -22.47	61.03 1.22 -6.83	58.24 1.39 -1.42	66.40 1.22 -7.03	79.21 1.61 -13.12	79.46 1.46 -19.60	79.71 1.50 -20.37	74.63 1.27 -24.43	51.52 1.14 -6.37	46.83 0.88 -6.14	41.73 0.71 -5.36
LYONS_FALL_HYD 23570	37.21 0.61 -0.64	35.34 0.49 -2.56	32.84 0.47 -1.34	31.32 0.38 -1.35	32.52 0.39 -1.92	37.40 0.57 -5.04	48.53 0.93 -7.23	54.20 1.15 -8.76	55.15 1.23 -8.41	54.53 1.08 -8.21	56.28 1.03 -8.30	57.43 1.02 -8.07	54.44 1.22 -4.52	61.37 1.27 -7.21	57.14 1.27 -2.88	58.17 1.39 -1.36	62.61 1.39 -3.07	71.67 2.00 -5.19	67.07 1.87 -6.80	66.85 1.97 -7.04	58.43 1.66 -7.84	47.76 1.19 -2.56	43.05 0.92 -2.32	38.36 0.71 -1.99
MADISON___COUNTY_LFGE 323628	37.76 0.94 -0.86	34.41 0.78 -1.33	32.61 0.74 -0.82	31.08 0.68 -0.81	31.93 0.69 -1.02	34.98 0.86 -2.34	44.78 1.25 -3.16	50.25 1.51 -4.45	51.26 1.59 -4.16	50.52 1.45 -3.83	52.66 1.50 -4.22	53.98 1.55 -4.09	53.22 1.56 -2.96	58.12 1.64 -3.60	56.95 1.64 -2.32	58.98 1.72 -1.83	62.41 1.69 -2.58	69.93 2.00 -3.45	64.08 1.93 -3.75	63.67 1.97 -3.86	54.39 1.71 -3.75	47.03 1.28 -1.74	42.30 1.04 -1.45	37.72 0.86 -1.21
MALONE___115KV_TB1 356076	36.83 0.86 0.00	36.95 0.74 -3.91	33.50 0.65 -1.81	32.08 0.62 -1.87	33.74 0.63 -2.89	40.76 0.73 -8.24	53.43 0.89 -12.17	58.56 0.66 -13.61	59.70 0.91 -13.28	59.60 1.00 -13.37	60.83 0.99 -12.91	62.00 1.11 -12.55	55.61 1.12 -5.79	65.65 1.43 -11.33	57.52 1.64 -2.89	57.09 1.66 0.00	62.84 1.80 -2.89	72.68 2.19 -6.01	70.05 2.04 -9.61	69.75 1.91 -10.00	62.49 1.17 -12.39	47.91 1.01 -2.89	43.70 1.00 -2.89	38.98 0.78 -2.55
MAPLEWOD_115KV_TB3 80458	36.00 0.04 0.00	32.30 0.00 0.00	31.07 0.03 0.00	29.62 0.03 0.00	30.30 0.09 0.00	31.91 0.13 0.00	40.53 0.16 0.00	44.42 0.22 0.10	45.16 0.23 0.57	44.78 0.23 0.69	46.33 0.14 0.75	47.70 0.05 0.69	48.07 0.05 0.67	52.25 0.05 0.69	51.84 0.00 1.14	54.41 0.17 1.19	50.44 0.23 7.94	51.65 0.26 13.09	46.66 0.29 12.03	50.51 0.06 7.39	49.07 0.15 0.00	44.23 0.22 0.00	39.63 0.32 0.51	35.66 0.32 0.31
MAPLE_RIDGE_WT_1 323574	35.35 -0.61 0.00	31.48 -0.55 0.27	30.39 -0.53 0.12	28.93 -0.53 0.13	29.44 -0.57 0.20	30.59 -0.64 0.57	38.77 -0.77 0.84	42.51 -0.84 0.93	43.73 -0.87 0.91	43.55 -0.77 0.92	45.30 -0.75 0.89	46.80 -0.68 0.86	47.72 -0.58 0.40	51.53 -0.58 0.78	52.26 -0.53 0.20	54.99 -0.45 0.00	57.54 -0.40 0.20	63.67 -0.38 0.42	57.44 -0.29 0.67	56.80 -0.34 0.69	47.72 -0.34 0.86	43.50 -0.31 0.20	39.29 -0.32 0.20	35.15 -0.32 0.18
MAPLE_RIDGE_WT_2 323611	35.35 -0.61 0.00	31.48 -0.55 0.27	30.39 -0.53 0.12	28.93 -0.53 0.13	29.44 -0.57 0.20	30.59 -0.64 0.57	38.77 -0.77 0.84	42.51 -0.84 0.93	43.73 -0.87 0.91	43.55 -0.77 0.92	45.30 -0.75 0.89	46.80 -0.68 0.86	47.72 -0.58 0.40	51.53 -0.58 0.78	52.26 -0.53 0.20	54.99 -0.45 0.00	57.54 -0.40 0.20	63.67 -0.38 0.42	57.44 -0.29 0.67	56.80 -0.34 0.69	47.72 -0.34 0.86	43.50 -0.31 0.20	39.29 -0.32 0.20	35.15 -0.32 0.18
MARBLE_RIVER_WT_PWR 323696	36.54 0.57 0.00	33.54 0.42 -0.82	31.76 0.34 -0.38	30.28 0.30 -0.39	31.15 0.33 -0.61	33.91 0.38 -1.74	42.77 -0.16 -2.57	46.05 -1.11 -2.87	46.40 -1.91 -2.80	46.34 -1.72 -2.82	47.92 -1.74 -2.72	48.52 -2.46 -2.64	48.46 -1.46 -1.22	53.16 -2.12 -2.39	52.01 -1.59 -0.61	53.88 -1.55 0.00	57.36 -1.40 -0.61	64.51 -1.23 -1.26	59.47 -0.94 -2.01	58.71 -1.22 -2.09	50.39 -1.12 -2.59	44.74 0.13 -0.60	41.09 0.68 -0.60	36.61 0.43 -0.53
MARSHVLE_115KV_TB1 80742	38.02 2.05 0.00	34.08 1.78 0.00	32.78 1.74 0.00	31.21 1.63 0.00	31.93 1.72 0.00	33.70 1.91 0.00	43.08 2.70 0.00	47.29 3.06 0.06	47.93 2.78 0.35	47.31 2.49 0.42	48.54 2.07 0.46	50.14 2.22 0.42	50.62 2.34 0.42	55.05 2.59 0.43	54.93 2.65 0.70	57.69 2.99 0.73	60.56 3.08 0.67	67.41 3.74 0.80	61.94 3.68 0.14	61.20 3.59 0.23	52.10 3.18 0.00	46.91 2.90 0.00	42.01 2.51 0.31	37.52 2.07 0.19
MARSH_HILL_WT_PWR 323713	38.52 1.19 -1.37	34.55 1.20 -1.05	32.69 0.84 -0.82	31.31 0.95 -0.78	31.99 0.94 -0.84	34.36 1.11 -1.46	43.23 1.17 -1.68	49.11 1.46 -3.36	50.07 1.59 -2.97	48.44 0.77 -2.43	51.10 0.99 -3.17	52.20 0.77 -3.09	52.53 0.68 -3.15	56.25 0.74 -2.63	56.49 0.58 -2.93	58.38 0.00 -2.95	61.19 -0.29 -3.34	67.96 -0.38 -3.86	62.45 0.70 -3.35	62.64 1.39 -3.41	52.37 0.88 -2.57	46.66 0.66 -1.99	41.74 0.40 -1.53	37.74 0.85 -1.24
MCINTYRE_115KV_TB2 80467	37.35 1.08 -0.31	45.51 0.94 -12.27	37.68 0.90 -5.75	36.35 0.83 -5.94	40.16 0.85 -9.10	58.45 0.95 -25.71	79.57 1.33 -37.86	88.40 1.46 -42.65	88.63 1.55 -41.57	88.30 1.36 -41.70	88.71 1.31 -40.45	88.97 1.31 -39.33	68.49 1.27 -18.52	89.85 1.48 -35.48	64.19 1.64 -9.56	57.97 1.88 -0.65	69.77 1.98 -9.65	86.36 2.51 -19.37	90.95 2.22 -30.33	91.71 2.31 -31.55	89.47 1.81 -38.73	54.93 1.58 -9.34	50.32 1.27 -9.23	44.82 1.03 -8.14
MECO_____69_KV_BK1 80468	38.09 2.12 0.00	34.17 1.87 0.00	32.84 1.80 0.00	31.27 1.69 0.00	31.99 1.78 0.00	33.79 2.00 0.00	43.24 2.87 0.00	47.37 3.14 0.07	47.98 2.87 0.39	47.39 2.62 0.47	48.58 2.16 0.52	50.14 2.27 0.47	50.52 2.29 0.47	55.00 2.59 0.48	54.95 2.76 0.79	57.71 3.10 0.82	60.83 3.43 0.74	67.71 4.13 0.90	62.33 4.09 0.16	61.58 3.99 0.25	52.45 3.52 0.00	47.13 3.12 0.00	42.17 2.71 0.35	37.68 2.25 0.22
MENANDS___115KV_TB5 355628	35.75 -0.22 0.00	32.07 -0.23 0.00	30.88 -0.16 0.00	29.44 -0.15 0.00	30.09 -0.12 0.00	31.69 -0.10 0.00	40.25 -0.12 0.00	44.11 -0.09 0.09	44.85 -0.09 0.57	44.47 -0.09 0.68	46.01 -0.19 0.75	47.37 -0.29 0.68	47.74 -0.29 0.67	51.88 -0.32 0.69	51.48 -0.37 1.14	54.03 -0.22 1.18	49.94 -0.17 8.03	51.05 -0.19 13.23	46.04 -0.18 12.18	50.01 -0.35 7.48	48.73 -0.20 0.00	43.87 -0.13 0.00	39.35 0.04 0.51	35.44 0.11 0.31
MG INDUSTRY___DRP 24185	35.17 -0.79 0.00	31.59 -0.71 0.00	30.45 -0.59 0.00	28.99 -0.59 0.00	29.64 -0.57 0.00	31.15 -0.64 0.00	39.56 -0.81 0.00	43.44 -0.80 0.05	44.34 -0.86 0.30	43.97 -0.90 0.36	45.51 -1.03 0.40	46.82 -1.16 0.36	47.13 -1.22 0.36	51.25 -1.27 0.36	51.06 -1.32 0.60	53.58 -1.22 0.63	52.55 -1.16 4.44	55.86 -1.29 7.33	50.52 -1.11 6.77	52.42 -1.27 4.15	47.94 -0.98 0.00	43.17 -0.84 0.00	39.83 0.28 0.27	35.91 0.43 0.17

MID___OSWEGATCHIE_HYD 23849	37.28 0.65 -0.67	40.64 0.52 -7.82	35.31 0.50 -3.78	33.91 0.44 -3.88	36.49 0.45 -5.82	48.53 0.60 -16.13	64.89 0.93 -23.59	72.49 1.11 -27.09	72.99 1.18 -26.30	72.47 1.04 -26.19	73.66 1.03 -25.69	74.33 1.02 -24.97	62.17 1.12 -12.35	76.63 1.27 -22.47	61.03 1.22 -6.83	58.24 1.39 -1.42	66.40 1.22 -7.03	79.21 1.61 -13.12	79.46 1.46 -19.60	79.71 1.50 -20.37	74.63 1.27 -24.43	51.52 1.14 -6.37	46.83 0.88 -6.14	41.73 0.71 -5.36
MID___RAQUETTE_HYD 23851	36.97 0.65 -0.36	43.87 0.55 -11.02	36.75 0.53 -5.18	35.41 0.47 -5.35	38.87 0.48 -8.18	55.38 0.54 -23.06	75.10 0.81 -33.92	83.48 0.89 -38.30	83.82 1.00 -37.32	83.59 0.95 -37.40	84.20 0.94 -36.32	84.62 0.97 -35.31	66.46 1.02 -16.74	85.90 1.16 -31.85	62.97 1.27 -8.72	57.58 1.39 -0.76	68.25 1.28 -8.82	83.37 1.35 -17.54	86.74 1.05 -27.29	87.33 1.10 -28.39	84.51 0.83 -34.75	53.39 0.92 -8.46	48.95 0.80 -8.34	43.64 0.64 -7.35
MILLIKEN___1 23584	38.78 0.94 -1.88	34.58 0.84 -1.44	32.87 0.71 -1.12	31.37 0.71 -1.07	32.08 0.73 -1.15	34.61 0.83 -2.00	43.77 1.09 -2.31	50.23 1.33 -4.61	50.90 1.32 -4.07	49.75 1.18 -3.33	52.50 1.22 -4.34	53.82 1.26 -4.22	54.23 1.22 -4.31	57.75 1.27 -3.59	58.20 1.22 -4.00	60.62 1.16 -4.03	63.87 1.16 -4.56	71.07 1.29 -5.30	64.51 1.52 -4.60	64.15 1.62 -4.68	53.82 1.37 -3.53	47.84 1.10 -2.73	42.79 0.88 -2.10	38.13 0.78 -1.70
MILLIKEN___2 23585	38.78 0.94 -1.88	34.58 0.84 -1.44	32.87 0.71 -1.12	31.37 0.71 -1.07	32.08 0.73 -1.15	34.61 0.83 -2.00	43.77 1.09 -2.31	50.23 1.33 -4.61	50.90 1.32 -4.07	49.75 1.18 -3.33	52.50 1.22 -4.34	53.82 1.26 -4.22	54.23 1.22 -4.31	57.75 1.27 -3.59	58.20 1.22 -4.00	60.62 1.16 -4.03	63.87 1.16 -4.56	71.07 1.29 -5.30	64.51 1.52 -4.60	64.15 1.62 -4.68	53.82 1.37 -3.53	47.84 1.10 -2.73	42.79 0.88 -2.10	38.13 0.78 -1.70
MILLIKEN___DIESEL 23629	38.78 0.94 -1.88	34.58 0.84 -1.44	32.87 0.71 -1.12	31.37 0.71 -1.07	32.08 0.73 -1.15	34.61 0.83 -2.00	43.77 1.09 -2.31	50.23 1.33 -4.61	50.90 1.32 -4.07	49.75 1.18 -3.33	52.50 1.22 -4.34	53.82 1.26 -4.22	54.23 1.22 -4.31	57.75 1.27 -3.59	58.20 1.22 -4.00	60.62 1.16 -4.03	63.87 1.16 -4.56	71.07 1.29 -5.30	64.51 1.52 -4.60	64.15 1.62 -4.68	53.82 1.37 -3.53	47.84 1.10 -2.73	42.79 0.88 -2.10	38.13 0.78 -1.70
MILLSEAT___LFGE 323607	38.70 1.69 -1.05	35.07 1.97 -0.80	33.15 1.49 -0.62	31.75 1.57 -0.60	32.30 1.45 -0.64	34.55 1.65 -1.11	43.39 1.73 -1.29	48.90 2.04 -2.57	49.78 2.00 -2.27	48.18 1.08 -1.85	51.05 1.69 -2.42	52.39 1.69 -2.36	52.85 1.75 -2.40	56.79 1.90 -2.00	56.80 1.59 -2.23	58.34 0.67 -2.25	60.69 0.00 -2.54	67.16 0.00 -2.94	61.48 0.52 -2.55	61.83 1.39 -2.60	51.86 0.98 -1.96	46.40 0.88 -1.52	41.85 0.87 -1.16	37.91 1.32 -0.95
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.08 1.11 0.00	33.21 0.90 0.00	31.84 0.81 0.00	30.33 0.74 0.00	30.97 0.76 0.00	32.71 0.92 0.00	41.62 1.25 0.00	45.92 1.51 -0.12	47.62 1.37 -0.75	47.63 1.49 -0.90	49.52 1.60 -0.98	50.73 1.50 -0.90	51.09 1.51 -0.88	55.43 1.64 -0.90	55.91 1.43 -1.49	58.76 1.77 -1.55	61.65 2.09 -1.41	68.43 2.26 -1.70	60.62 1.93 -0.30	60.00 1.68 -0.48	50.24 1.32 0.00	45.28 1.28 0.00	41.95 1.47 -0.66	37.27 1.21 -0.41
MILLWOOD_13_KV_LOAD 356217	37.15 1.19 0.00	33.27 0.97 0.00	31.94 0.90 0.00	30.38 0.80 0.00	31.03 0.82 0.00	32.81 1.02 0.00	41.70 1.33 0.00	46.06 1.64 -0.12	47.76 1.50 -0.75	47.77 1.63 -0.90	49.70 1.78 -0.98	50.93 1.69 -0.90	51.29 1.70 -0.88	55.64 1.85 -0.90	56.12 1.64 -1.49	58.98 2.00 -1.55	61.88 2.33 -1.41	68.69 2.51 -1.70	60.80 2.10 -0.30	60.23 1.91 -0.48	50.44 1.52 0.00	45.41 1.41 0.00	42.03 1.55 -0.66	37.31 1.25 -0.41
MODEL_CITY_ENERGY 24167	37.74 0.72 -1.05	34.20 1.10 -0.80	32.28 0.62 -0.63	30.95 0.77 -0.60	31.46 0.60 -0.64	33.64 0.73 -1.12	41.94 0.28 -1.29	47.04 0.18 -2.57	48.11 0.32 -2.28	46.33 -0.77 -1.86	49.28 -0.09 -2.43	50.61 -0.10 -2.37	51.06 -0.05 -2.41	54.79 -0.11 -2.01	54.86 -0.37 -2.24	56.24 -1.44 -2.26	58.43 -2.27 -2.56	64.28 -3.16 -2.96	58.80 -2.16 -2.56	59.13 -1.33 -2.61	49.72 -1.17 -1.97	44.52 -1.01 -1.52	40.22 -0.76 -1.17	36.74 0.14 -0.95
MODERN_LFGE___ 323580	37.74 0.72 -1.05	34.20 1.10 -0.80	32.28 0.62 -0.63	30.95 0.77 -0.60	31.46 0.60 -0.64	33.64 0.73 -1.12	41.94 0.28 -1.29	47.04 0.18 -2.57	48.11 0.32 -2.28	46.33 -0.77 -1.86	49.28 -0.09 -2.43	50.61 -0.10 -2.37	51.06 -0.05 -2.41	54.79 -0.11 -2.01	54.86 -0.37 -2.24	56.24 -1.44 -2.26	58.43 -2.27 -2.56	64.28 -3.16 -2.96	58.80 -2.16 -2.56	59.13 -1.33 -2.61	49.72 -1.17 -1.97	44.52 -1.01 -1.52	40.22 -0.76 -1.17	36.74 0.14 -0.95
MOHAWK_PAPER___DRP 24187	36.00 0.04 0.00	32.30 0.00 0.00	31.07 0.03 0.00	29.62 0.03 0.00	30.30 0.09 0.00	31.91 0.13 0.00	40.53 0.16 0.00	44.42 0.22 0.10	45.16 0.23 0.57	44.78 0.23 0.69	46.33 0.14 0.75	47.70 0.05 0.69	48.07 0.05 0.67	52.25 0.05 0.69	51.84 0.00 1.14	54.41 0.17 1.19	50.44 0.23 7.94	51.65 0.26 13.09	46.66 0.29 12.03	50.51 0.06 7.39	49.07 0.15 0.00	44.23 0.22 0.00	39.63 0.32 0.51	35.66 0.32 0.31
MOHICAN___35_KV_115KV_LD 80490	36.90 0.94 0.00	33.21 0.90 0.00	31.94 0.90 0.00	30.41 0.83 0.00	31.09 0.88 0.00	32.71 0.92 0.00	41.70 1.33 0.00	45.69 1.51 0.11	46.28 1.41 0.64	45.97 1.49 0.77	47.42 1.31 0.84	48.83 1.26 0.77	49.11 1.17 0.75	53.38 1.27 0.77	53.09 1.38 1.28	55.65 1.55 1.33	64.26 1.69 -4.43	74.62 1.93 -8.21	69.81 1.99 -9.42	64.99 1.79 -5.35	50.64 1.71 0.00	45.59 1.58 0.00	40.64 1.39 0.57	36.40 1.11 0.35
MONGAUP___HYD 23641	37.22 1.26 0.00	33.27 0.97 0.00	31.97 0.93 0.00	30.35 0.77 0.00	31.00 0.78 0.00	32.71 0.92 0.00	41.66 1.29 0.00	45.91 1.51 -0.11	47.39 1.23 -0.65	47.29 1.26 -0.78	48.78 0.99 -0.85	50.09 0.97 -0.78	50.39 0.92 -0.77	54.79 1.11 -0.79	55.29 1.00 -1.30	58.11 1.33 -1.35	61.12 1.74 -1.23	68.08 2.12 -1.48	60.82 2.16 -0.26	60.40 2.14 -0.42	50.74 1.76 -0.06	45.68 1.67 0.00	42.06 1.67 -0.58	37.36 1.35 -0.36
MONTAUK___DIESEL 23721	37.69 1.73 0.00	33.27 0.97 0.00	31.88 0.84 0.00	29.93 0.36 0.01	30.54 0.33 0.01	32.74 0.95 0.00	41.78 1.41 0.00	45.61 1.20 -0.12	46.81 0.77 -0.53	46.50 0.63 -0.62	47.65 0.99 0.28	47.70 0.68 1.32	47.28 0.49 1.91	46.37 0.32 6.84	49.52 0.05 3.52	49.46 0.33 6.30	54.48 0.52 4.19	66.68 0.52 -1.69	54.23 0.18 4.35	49.97 -0.12 7.76	43.38 -0.39 5.15	43.26 -0.44 0.31	40.51 0.04 -0.66	36.45 0.39 -0.41
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.03 1.98 -1.09	35.20 2.07 -0.83	33.39 1.71 -0.65	32.13 1.92 -0.62	32.75 1.87 -0.66	35.07 2.13 -1.15	44.29 2.58 -1.33	49.70 2.75 -2.66	50.23 2.37 -2.35	49.20 2.04 -1.92	51.70 2.25 -2.51	53.45 2.66 -2.45	53.68 2.48 -2.50	57.40 2.43 -2.08	57.58 2.28 -2.32	59.09 1.33 -2.33	61.66 0.87 -2.64	67.74 0.19 -3.07	62.11 1.05 -2.66	62.18 1.62 -2.71	52.04 1.08 -2.04	46.69 1.10 -1.58	42.06 1.04 -1.21	37.92 1.28 -0.99

MORRIS_RIDGE___SOLAR 323848	38.32 1.12 -1.24	34.47 1.23 -0.95	32.61 0.84 -0.74	31.24 0.95 -0.70	31.84 0.88 -0.76	34.12 1.02 -1.31	42.82 0.93 -1.52	48.43 1.11 -3.03	49.33 1.14 -2.68	47.84 0.41 -2.19	50.50 0.71 -2.86	51.61 0.48 -2.79	51.98 0.44 -2.84	55.67 0.42 -2.37	55.89 0.27 -2.64	57.64 -0.45 -2.66	60.22 -0.93 -3.01	66.73 -1.23 -3.48	61.30 -0.12 -3.02	61.50 0.58 -3.08	51.49 0.25 -2.32	45.93 0.13 -1.80	41.27 0.08 -1.38	37.41 0.64 -1.12
MORTIMER_115KV_TB3 55949	37.79 0.79 -1.03	33.93 0.84 -0.79	32.34 0.68 -0.62	30.88 0.71 -0.59	31.51 0.66 -0.63	33.68 0.79 -1.10	42.53 0.89 -1.27	47.84 1.02 -2.53	48.56 0.82 -2.24	47.75 0.68 -1.83	50.12 0.80 -2.39	51.72 1.06 -2.32	52.09 1.02 -2.37	55.86 1.00 -1.97	56.08 0.90 -2.20	58.09 0.44 -2.21	60.71 0.06 -2.51	67.32 -0.06 -2.91	61.33 0.41 -2.52	61.11 0.69 -2.57	51.50 0.64 -1.94	46.08 0.57 -1.50	41.44 0.48 -1.15	37.12 0.53 -0.93
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.40 1.44 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.50 0.92 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.90 1.53 0.00	46.23 1.82 -0.12	47.94 1.68 -0.75	47.95 1.81 -0.90	49.85 1.92 -0.99	51.08 1.84 -0.90	51.44 1.85 -0.89	55.86 2.06 -0.91	56.34 1.85 -1.50	59.21 2.22 -1.56	62.12 2.56 -1.41	68.96 2.77 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.35 1.87 -0.67	37.59 1.53 -0.41
MUNSVILLE_WIND_PWR 323609	39.62 2.34 -1.32	35.25 1.94 -1.01	33.62 1.80 -0.79	31.96 1.63 -0.75	32.68 1.66 -0.81	35.23 2.04 -1.40	44.85 2.87 -1.62	50.93 3.41 -3.23	52.01 3.64 -2.86	50.79 3.21 -2.33	53.27 3.28 -3.05	54.80 3.48 -2.98	55.20 3.46 -3.04	59.07 3.65 -2.54	59.41 3.60 -2.82	61.99 3.71 -2.84	65.15 3.78 -3.22	72.85 4.64 -3.73	66.13 4.50 -3.23	66.00 4.86 -3.30	55.46 4.06 -2.48	49.01 3.08 -1.92	43.76 2.47 -1.47	39.02 2.17 -1.20
N SALMON___HYD 24042	36.83 0.86 0.00	36.95 0.74 -3.91	33.50 0.65 -1.81	32.08 0.62 -1.87	33.74 0.64 -2.89	40.76 0.73 -8.24	53.43 0.89 -12.17	58.56 0.67 -13.61	59.29 0.50 -13.28	59.15 0.54 -13.37	60.45 0.61 -12.91	61.27 0.38 -12.55	55.17 0.68 -5.79	64.80 0.58 -11.33	56.72 0.85 -2.89	56.21 0.78 0.00	61.91 0.87 -2.89	71.63 1.16 -5.99	69.20 1.23 -9.58	68.85 1.04 -9.97	61.96 0.68 -12.35	47.90 1.01 -2.88	43.69 1.00 -2.88	38.98 0.78 -2.55
N.AKRON__115KV_KNAPP 355671	38.85 1.83 -1.05	35.04 1.94 -0.80	33.21 1.55 -0.62	31.84 1.66 -0.60	32.42 1.57 -0.64	34.68 1.78 -1.11	43.63 1.98 -1.29	48.94 2.08 -2.57	49.46 1.68 -2.27	48.41 1.31 -1.85	50.82 1.46 -2.42	52.63 1.93 -2.36	52.86 1.75 -2.40	56.58 1.69 -2.00	56.81 1.59 -2.23	58.34 0.67 -2.25	60.81 0.12 -2.54	67.43 0.00 -2.96	61.84 1.45 -2.56	61.90 1.45 -2.61	52.16 1.27 -1.97	46.67 1.14 -1.52	42.06 1.07 -1.17	37.88 1.28 -0.95
N.E_GEN_SANDY PD 24062	36.36 0.40 0.00	32.62 0.32 0.00	31.35 0.31 0.00	29.91 0.33 0.00	30.54 0.33 0.00	32.20 0.41 0.00	40.98 0.61 0.00	44.00 0.67 0.96	40.30 0.55 5.76	39.10 0.77 6.91	40.00 0.61 7.55	42.07 0.63 6.90	42.50 0.59 6.79	46.56 0.64 6.96	42.03 0.53 11.49	44.24 0.78 11.97	50.92 0.99 8.21	57.00 1.10 8.57	61.50 0.88 -2.22	57.48 0.64 1.00	49.00 0.59 0.51	44.90 0.57 -0.32	35.14 0.75 5.43	33.06 0.57 3.16
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.12 1.15 0.00	33.21 0.90 0.00	31.84 0.81 0.00	30.30 0.71 0.00	30.97 0.76 0.00	32.71 0.92 0.00	41.54 1.17 0.00	45.87 1.46 -0.12	47.54 1.32 -0.71	47.50 1.40 -0.86	49.38 1.50 -0.94	50.55 1.35 -0.86	50.95 1.41 -0.84	55.28 1.53 -0.86	55.79 1.38 -1.42	58.58 1.66 -1.48	61.47 1.98 -1.34	68.29 2.19 -1.62	60.55 1.87 -0.28	60.04 1.74 -0.46	50.24 1.32 0.00	45.33 1.32 0.00	41.92 1.47 -0.63	37.25 1.21 -0.39
N.QUEENS_27_KV_LOAD 356247	37.74 1.76 -0.01	33.67 1.36 -0.01	32.29 1.24 -0.01	30.72 1.12 -0.01	31.37 1.15 -0.01	33.16 1.37 -0.01	42.11 1.74 0.00	46.01 1.59 -0.12	47.62 1.37 -0.75	47.64 1.49 -0.90	49.57 1.64 -0.99	50.73 1.50 -0.89	51.09 1.51 -0.88	55.48 1.69 -0.90	56.02 1.54 -1.50	58.87 1.88 -1.55	61.77 2.21 -1.41	68.83 2.64 -1.71	60.80 2.10 -0.30	60.23 1.91 -0.48	50.34 1.42 0.00	45.72 1.72 0.00	42.72 2.23 -0.67	37.92 1.85 -0.42
N.TROY___115KV_TB1 355778	36.47 0.50 0.00	32.72 0.42 0.00	31.47 0.43 0.00	30.03 0.44 0.00	30.69 0.48 0.00	32.33 0.54 0.00	41.14 0.77 0.00	44.99 0.84 0.14	45.48 0.82 0.85	45.08 0.86 1.02	46.62 0.80 1.12	48.04 0.73 1.02	48.38 0.68 1.00	52.60 0.74 1.03	52.03 0.74 1.70	54.55 0.89 1.77	69.90 1.05 -10.70	84.83 1.16 -19.19	80.32 1.11 -20.82	70.76 0.87 -12.05	49.75 0.83 0.00	44.80 0.79 0.00	39.89 0.84 0.76	35.89 0.71 0.47
NARROWS_GT1_1 24228	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT1_2 24229	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT1_3 24230	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT1_4 24231	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT1_5 24232	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41

NARROWS_GT1_6 24233	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT1_7 24234	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT1_8 24235	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_1 24236	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_2 24237	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_3 24238	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_4 24239	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_5 24240	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_6 24241	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_7 24242	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NARROWS_GT2_8 24243	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.04 0.07 0.00	32.30 0.00 0.00	31.07 0.03 0.00	29.53 -0.06 0.00	30.18 -0.03 0.00	31.82 0.03 0.00	40.49 0.12 0.00	44.79 0.53 0.04	45.75 0.46 0.22	45.16 0.18 0.26	46.47 -0.19 0.28	47.74 -0.34 0.26	48.05 -0.39 0.26	52.31 -0.32 0.26	52.23 -0.32 0.43	54.81 -0.17 0.45	54.02 0.17 4.30	57.63 0.32 7.17	52.39 0.76 6.77	54.42 0.69 4.12	49.17 0.24 0.00	44.36 0.35 0.00	40.54 0.92 0.19	36.49 0.96 0.12
NCHELSEA_115KV_TR2 355582	37.22 1.26 0.00	33.33 1.03 0.00	32.00 0.96 0.00	30.41 0.83 0.00	31.03 0.82 0.00	32.77 0.99 0.00	41.70 1.33 0.00	45.98 1.59 -0.10	47.59 1.50 -0.58	47.43 1.49 -0.69	49.20 1.50 -0.76	50.39 1.35 -0.69	50.79 1.41 -0.68	55.22 1.64 -0.70	55.57 1.43 -1.15	58.35 1.72 -1.20	61.27 2.04 -1.09	67.98 2.19 -1.31	60.67 2.04 -0.23	60.18 1.97 -0.37	50.54 1.61 0.00	45.55 1.54 0.00	41.96 1.63 -0.51	37.28 1.32 -0.32
NEG CAPITAL___MECHNVIL 23645	36.94 0.97 0.00	33.17 0.87 0.00	31.90 0.87 0.00	30.41 0.83 0.00	31.09 0.88 0.00	32.74 0.95 0.00	41.70 1.33 0.00	45.63 1.46 0.12	46.19 1.41 0.73	45.95 1.58 0.87	47.39 1.41 0.95	48.92 1.45 0.87	49.16 1.32 0.86	53.48 1.48 0.88	53.07 1.54 1.45	55.64 1.72 1.51	66.44 1.92 -6.37	78.24 2.12 -11.64	73.47 2.04 -13.02	67.15 1.85 -7.46	50.57 1.71 0.06	45.50 1.50 0.00	40.56 1.39 0.65	36.39 1.14 0.40
NEG CENTRAL_HIGH_ACRES 23767	37.05 -0.07 -1.15	33.31 0.13 -0.88	31.69 -0.03 -0.69	30.24 0.00 -0.66	30.86 -0.06 -0.70	33.05 0.03 -1.23	41.79 0.00 -1.42	47.30 0.18 -2.83	48.19 0.18 -2.50	47.19 -0.09 -2.04	49.79 0.19 -2.67	51.12 0.19 -2.59	51.59 0.24 -2.64	55.41 0.32 -2.20	55.54 0.11 -2.45	57.57 -0.33 -2.47	60.19 -0.76 -2.80	66.75 -0.97 -3.24	60.68 -0.53 -2.81	60.53 -0.17 -2.86	50.83 -0.24 -2.15	45.41 -0.26 -1.67	40.77 -0.32 -1.28	36.55 -0.14 -1.04

NEG CENTRAL___DRP 24199	39.33 1.11 -2.25	35.26 1.03 -1.92	33.31 0.84 -1.43	31.85 0.89 -1.38	32.64 0.91 -1.52	35.69 1.08 -2.82	45.05 1.29 -3.39	52.06 1.55 -6.21	52.57 1.50 -5.56	51.28 1.36 -4.68	54.22 1.41 -5.87	55.53 1.50 -5.69	55.60 1.46 -5.44	59.24 1.48 -4.87	59.28 1.38 -4.92	61.40 1.16 -4.80	64.84 1.10 -5.59	72.34 1.23 -6.64	66.02 1.64 -5.99	65.75 1.79 -6.11	55.20 1.42 -4.85	48.56 1.14 -3.41	43.34 0.88 -2.65	38.70 0.89 -2.16
NEG CENTRAL___INDECK 23768	39.30 2.12 -1.21	35.39 2.16 -0.93	33.53 1.77 -0.72	32.05 1.78 -0.69	32.70 1.75 -0.74	35.08 2.00 -1.29	44.40 2.54 -1.49	50.27 3.01 -2.97	50.91 2.78 -2.62	49.29 1.90 -2.15	51.95 2.21 -2.80	53.10 2.03 -2.73	53.48 2.00 -2.78	57.37 2.17 -2.32	57.53 1.96 -2.58	59.58 1.55 -2.60	62.55 1.45 -2.94	69.69 1.80 -3.41	64.10 2.75 -2.96	64.32 3.47 -3.01	53.83 2.64 -2.27	48.05 2.29 -1.76	43.07 1.91 -1.35	38.67 1.92 -1.09
NEG CENTRAL___SENECA 23627	39.60 1.65 -1.98	35.36 1.55 -1.51	33.52 1.30 -1.18	32.04 1.33 -1.13	32.78 1.36 -1.21	35.48 1.59 -2.10	44.69 1.90 -2.43	51.39 2.26 -4.84	51.93 2.14 -4.28	50.69 1.95 -3.50	53.53 2.02 -4.57	54.90 2.13 -4.43	55.27 2.05 -4.52	58.77 2.12 -3.77	59.20 2.01 -4.20	61.43 1.77 -4.23	64.62 1.69 -4.79	71.91 1.87 -5.57	65.68 2.45 -4.83	65.36 2.60 -4.92	54.68 2.05 -3.70	48.55 1.67 -2.87	43.33 1.31 -2.20	38.83 1.39 -1.79
NEG CENTRAL___STATE_STREET 24147	38.82 0.50 -2.35	34.79 0.48 -2.01	32.91 0.37 -1.50	31.41 0.38 -1.44	32.19 0.39 -1.59	35.20 0.48 -2.94	44.55 0.65 -3.54	51.62 0.84 -6.48	52.13 0.82 -5.81	50.85 0.72 -4.88	53.82 0.75 -6.12	55.10 0.82 -5.94	55.21 0.83 -5.68	58.82 0.85 -5.08	58.86 0.74 -5.14	61.06 0.61 -5.02	64.57 0.58 -5.84	71.98 0.58 -6.93	65.52 0.88 -6.24	65.20 0.98 -6.37	54.82 0.83 -5.06	48.18 0.62 -3.56	43.02 0.44 -2.77	38.30 0.39 -2.26
NEG MILLWOOD___DRP 24198	37.26 1.29 0.00	33.40 1.10 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.30 1.90 -0.11	47.98 1.82 -0.65	47.96 1.95 -0.78	49.86 2.07 -0.85	51.15 2.03 -0.78	51.51 2.05 -0.76	55.89 2.22 -0.78	56.24 1.96 -1.29	59.11 2.33 -1.35	62.04 2.67 -1.22	68.79 2.84 -1.47	61.17 2.51 -0.26	60.69 2.43 -0.42	50.88 1.96 0.00	45.68 1.67 0.00	42.14 1.75 -0.58	37.36 1.35 -0.36
NEG NORTH_FLCN_SEA 23793	36.83 0.86 0.00	33.84 0.71 -0.82	32.01 0.59 -0.38	30.54 0.56 -0.39	31.43 0.60 -0.61	34.19 0.67 -1.74	43.06 0.12 -2.57	46.32 0.12 -2.87	47.72 -0.59 -2.80	47.65 -0.41 -2.82	49.24 -0.42 -2.72	50.65 -0.34 -2.64	49.68 -0.24 -1.22	55.38 0.11 -2.39	54.13 0.53 -0.61	55.98 0.55 0.00	59.57 0.81 -0.61	66.90 1.16 -1.27	61.53 1.11 -2.02	60.88 0.93 -2.11	51.68 0.15 -2.61	44.88 0.26 -0.61	41.38 0.96 -0.61	36.90 0.71 -0.53
NEG NORTH_KES_CHATEGAY 23792	36.40 0.43 0.00	34.25 0.36 -1.60	32.05 0.28 -0.74	30.62 0.27 -0.76	31.67 0.27 -1.18	35.47 0.32 -3.37	45.50 0.16 -4.97	49.54 -0.31 -5.56	50.80 -0.14 -5.43	50.75 0.05 -5.46	52.21 0.00 -5.27	53.51 0.05 -5.13	51.16 0.10 -2.36	57.89 0.37 -4.63	54.86 0.69 -1.18	56.21 0.78 0.00	60.26 0.93 -1.18	68.22 1.29 -2.46	63.49 1.17 -3.92	62.97 1.04 -4.08	54.38 0.39 -5.06	45.49 0.31 -1.18	41.43 0.44 -1.18	36.97 0.29 -1.04
NEG NORTH___ALICE_FALLS 23915	36.90 0.94 0.00	34.04 0.78 -0.96	32.13 0.65 -0.45	30.67 0.62 -0.46	31.56 0.63 -0.71	34.55 0.73 -2.03	43.86 0.48 -3.00	47.38 -0.27 -3.35	48.74 -0.05 -3.28	48.63 0.09 -3.30	50.22 0.09 -3.18	51.67 0.24 -3.09	50.42 0.29 -1.43	56.31 0.63 -2.79	54.71 1.01 -0.71	56.48 1.05 0.00	60.20 1.34 -0.71	67.76 1.81 -1.48	62.52 1.75 -2.37	61.81 1.50 -2.47	52.66 0.68 -3.06	45.33 0.62 -0.71	41.56 1.04 -0.71	37.02 0.75 -0.63
NEG NORTH___LWR_SARANAC 23913	36.90 0.94 0.00	34.04 0.78 -0.96	32.13 0.65 -0.45	30.67 0.62 -0.46	31.56 0.63 -0.71	34.55 0.73 -2.03	43.86 0.48 -3.00	47.38 -0.27 -3.35	48.74 -0.05 -3.28	48.63 0.09 -3.30	50.22 0.09 -3.18	51.67 0.24 -3.09	50.42 0.29 -1.43	56.31 0.63 -2.79	54.71 1.01 -0.71	56.48 1.05 0.00	60.20 1.34 -0.71	67.76 1.81 -1.48	62.52 1.75 -2.37	61.81 1.50 -2.47	52.66 0.68 -3.06	45.33 0.62 -0.71	41.56 1.04 -0.71	37.02 0.75 -0.63
NEG NORTH___PLATTSBURG 23628	36.90 0.93 0.00	34.01 0.74 -0.96	32.14 0.65 -0.45	30.67 0.62 -0.46	31.56 0.64 -0.71	34.55 0.73 -2.03	43.86 0.49 -3.00	47.38 -0.26 -3.35	47.87 -0.91 -3.28	47.72 -0.81 -3.30	49.32 -0.80 -3.18	50.03 -1.40 -3.09	49.49 -0.63 -1.43	54.52 -1.16 -2.79	52.96 -0.74 -0.71	54.65 -0.78 0.00	58.22 -0.64 -0.71	65.56 -0.38 -1.47	60.63 -0.12 -2.35	59.94 -0.34 -2.45	51.56 -0.39 -3.03	45.33 0.62 -0.71	41.55 1.03 -0.71	37.02 0.75 -0.63
NEG WEST_LEA_LOCKPORT 23791	38.10 1.08 -1.05	34.40 1.29 -0.81	32.50 0.84 -0.63	31.22 1.04 -0.60	31.73 0.88 -0.64	33.92 1.02 -1.12	42.35 0.69 -1.29	47.32 0.44 -2.58	47.97 0.18 -2.28	46.83 -0.27 -1.87	49.23 -0.14 -2.43	51.05 0.34 -2.37	51.26 0.15 -2.42	54.85 -0.05 -2.02	55.12 -0.11 -2.24	56.53 -1.16 -2.26	58.79 -1.92 -2.56	64.87 -2.58 -2.98	59.40 -1.58 -2.58	59.49 -0.98 -2.63	50.27 -0.64 -1.98	45.01 -0.53 -1.53	40.63 -0.36 -1.18	36.85 0.25 -0.96
NEG WEST___LANCASTER 23811	38.06 1.01 -1.09	34.30 1.16 -0.83	32.31 0.62 -0.65	31.06 0.86 -0.62	31.69 0.82 -0.67	33.87 0.92 -1.16	42.35 0.65 -1.34	47.76 0.80 -2.67	48.42 0.55 -2.36	47.35 0.18 -1.93	49.79 0.33 -2.52	51.42 0.63 -2.46	51.74 0.54 -2.50	55.34 0.37 -2.09	55.58 0.26 -2.32	57.11 -0.67 -2.34	59.64 -1.16 -2.65	65.88 -1.68 -3.08	60.37 -0.70 -2.67	60.45 -0.12 -2.72	50.78 -0.20 -2.05	45.29 -0.31 -1.59	40.79 -0.24 -1.22	36.67 0.04 -0.99
NEG_PENN_ALLEGHNY 23528	38.07 0.79 -1.31	34.08 0.77 -1.00	32.44 0.62 -0.78	30.96 0.62 -0.75	31.65 0.64 -0.80	33.88 0.70 -1.39	42.74 0.77 -1.61	48.48 0.97 -3.21	49.44 1.09 -2.84	48.42 0.86 -2.32	51.00 1.03 -3.03	52.27 0.97 -2.97	52.70 0.97 -3.03	56.46 1.06 -2.52	56.75 0.95 -2.81	59.03 0.78 -2.83	62.05 0.70 -3.20	68.76 0.58 -3.71	62.43 0.82 -3.22	62.16 1.04 -3.28	52.17 0.78 -2.47	46.53 0.62 -1.91	41.80 0.52 -1.47	37.44 0.61 -1.19
NEG___GEN_MONROE 24207	38.11 1.11 -1.03	34.32 1.23 -0.79	32.65 0.99 -0.62	31.21 1.04 -0.59	31.81 0.97 -0.63	34.03 1.14 -1.10	42.89 1.25 -1.27	48.11 1.28 -2.53	48.84 1.09 -2.24	47.93 0.86 -1.83	50.31 0.99 -2.39	51.97 1.31 -2.32	52.29 1.22 -2.37	56.02 1.16 -1.97	56.24 1.06 -2.20	58.09 0.44 -2.21	60.65 0.00 -2.51	67.33 -0.06 -2.91	61.39 0.47 -2.53	61.29 0.87 -2.57	51.64 0.78 -1.94	46.21 0.70 -1.50	41.68 0.72 -1.15	37.40 0.82 -0.94
NEPA___ENERGY 23901	38.64 1.58 -1.09	34.78 1.65 -0.83	32.80 1.12 -0.65	31.57 1.36 -0.62	32.20 1.33 -0.66	34.41 1.46 -1.16	42.92 1.21 -1.33	48.15 1.20 -2.66	48.77 0.91 -2.36	47.66 0.50 -1.93	50.06 0.61 -2.51	51.75 0.97 -2.45	52.02 0.83 -2.50	55.65 0.69 -2.08	55.89 0.58 -2.32	57.54 -0.22 -2.33	60.15 -0.64 -2.64	66.58 -0.97 -3.07	61.00 -0.06 -2.66	61.02 0.46 -2.71	51.21 0.24 -2.04	45.77 0.18 -1.58	41.15 0.12 -1.21	37.17 0.53 -0.99

NEVERSINK___HYD 23608	37.22 1.26 0.00	33.27 0.97 0.00	31.97 0.93 0.00	30.35 0.77 0.00	31.00 0.78 0.00	32.71 0.92 0.00	41.66 1.29 0.00	45.92 1.55 -0.08	47.42 1.41 -0.50	47.38 1.54 -0.60	48.87 1.27 -0.66	50.19 1.25 -0.60	50.51 1.22 -0.59	54.92 1.43 -0.61	55.26 1.27 -1.00	58.08 1.61 -1.04	61.07 1.98 -0.94	67.87 2.26 -1.14	60.76 2.16 -0.20	60.31 2.14 -0.32	50.73 1.76 -0.04	45.64 1.63 0.00	41.89 1.63 -0.44	37.28 1.35 -0.28
NEWKRMKL_115KV_TB1 55635	35.50 -0.47 0.00	31.88 -0.42 0.00	30.70 -0.34 0.00	29.26 -0.33 0.00	29.91 -0.30 0.00	31.53 -0.25 0.00	39.97 -0.40 0.00	43.85 -0.35 0.08	44.68 -0.32 0.51	44.27 -0.36 0.61	45.81 -0.47 0.66	47.15 -0.58 0.61	47.52 -0.58 0.60	51.64 -0.63 0.61	51.34 -0.64 1.01	53.83 -0.55 1.05	51.10 -0.52 6.53	53.18 -0.58 10.72	48.09 -0.53 9.78	51.12 -0.69 6.03	48.43 -0.49 0.00	43.61 -0.40 0.00	39.21 -0.16 0.45	35.30 -0.07 0.28
NEWTON___FALLS_HYD 23847	37.28 0.65 -0.67	40.64 0.52 -7.82	35.31 0.50 -3.78	33.91 0.44 -3.88	36.49 0.45 -5.82	48.53 0.60 -16.13	64.89 0.93 -23.59	72.49 1.11 -27.09	72.99 1.18 -26.30	72.47 1.04 -26.19	73.66 1.03 -25.69	74.33 1.02 -24.97	62.17 1.12 -12.35	76.63 1.27 -22.47	61.03 1.22 -6.83	58.24 1.39 -1.42	66.40 1.22 -7.03	79.21 1.61 -13.12	79.46 1.46 -19.60	79.71 1.50 -20.37	74.63 1.27 -24.43	51.52 1.14 -6.37	46.83 0.88 -6.14	41.73 0.71 -5.36
NGRID_A1_DSASP 323792	38.16 1.15 -1.04	34.56 1.45 -0.80	32.62 0.96 -0.62	31.28 1.10 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.72 -0.13 -2.56	47.68 -0.09 -2.26	46.00 -1.09 -1.85	48.93 -0.42 -2.41	50.30 -0.39 -2.35	50.76 -0.34 -2.40	54.46 -0.42 -2.00	54.42 -0.79 -2.23	55.90 -1.78 -2.24	58.01 -2.67 -2.54	63.67 -3.74 -2.94	58.32 -2.63 -2.55	58.53 -1.91 -2.60	49.31 -1.57 -1.95	44.24 -1.28 -1.51	39.90 -1.07 -1.16	37.13 0.54 -0.94
NGRID_A2_DSASP 323793	38.16 1.15 -1.04	34.56 1.45 -0.80	32.62 0.96 -0.62	31.28 1.10 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.72 -0.13 -2.56	47.68 -0.09 -2.26	46.00 -1.09 -1.85	48.93 -0.42 -2.41	50.30 -0.39 -2.35	50.76 -0.34 -2.40	54.46 -0.42 -2.00	54.42 -0.79 -2.23	55.90 -1.78 -2.24	58.01 -2.67 -2.54	63.67 -3.74 -2.94	58.32 -2.63 -2.55	58.53 -1.91 -2.60	49.31 -1.57 -1.95	44.24 -1.28 -1.51	39.90 -1.07 -1.16	37.13 0.54 -0.94
NGRID_A4_DSASP 323807	38.16 1.15 -1.04	34.56 1.45 -0.80	32.62 0.96 -0.62	31.28 1.10 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.72 -0.13 -2.56	47.68 -0.09 -2.26	46.00 -1.09 -1.85	48.93 -0.42 -2.41	50.30 -0.39 -2.35	50.76 -0.34 -2.40	54.46 -0.42 -2.00	54.42 -0.79 -2.23	55.90 -1.78 -2.24	58.01 -2.67 -2.54	63.67 -3.74 -2.94	58.32 -2.63 -2.55	58.53 -1.91 -2.60	49.31 -1.57 -1.95	44.24 -1.28 -1.51	39.90 -1.07 -1.16	37.13 0.54 -0.94
NIAGARA_115E_LBMP 323715	37.56 0.54 -1.05	34.04 0.94 -0.80	32.16 0.50 -0.63	30.81 0.62 -0.60	31.31 0.45 -0.64	33.48 0.57 -1.12	41.74 0.08 -1.29	46.78 -0.09 -2.57	47.83 0.05 -2.28	46.06 -1.04 -1.86	48.99 -0.38 -2.43	50.32 -0.39 -2.37	50.77 -0.34 -2.41	54.53 -0.37 -2.01	54.59 -0.63 -2.24	55.97 -1.72 -2.26	58.09 -2.62 -2.56	63.89 -3.55 -2.96	58.45 -2.51 -2.56	58.78 -1.68 -2.61	49.37 -1.52 -1.97	44.25 -1.28 -1.52	40.03 -0.96 -1.17	36.56 -0.04 -0.95
NIAGARA_115W_LBMP 323714	38.13 1.12 -1.04	34.49 1.39 -0.80	32.59 0.93 -0.62	31.24 1.06 -0.59	31.75 0.91 -0.64	33.91 1.02 -1.11	41.69 0.04 -1.28	46.58 -0.26 -2.56	47.54 -0.23 -2.26	45.91 -1.18 -1.85	48.84 -0.52 -2.41	50.16 -0.53 -2.35	50.61 -0.49 -2.40	54.35 -0.53 -2.00	54.26 -0.95 -2.22	55.78 -1.88 -2.24	57.89 -2.79 -2.54	63.48 -3.94 -2.94	58.14 -2.80 -2.55	58.36 -2.08 -2.59	49.21 -1.66 -1.95	44.11 -1.41 -1.51	39.78 -1.19 -1.16	37.09 0.50 -0.94
NIAGARA_230_LBMP 323716	37.86 0.86 -1.04	34.29 1.20 -0.79	32.40 0.74 -0.62	31.06 0.89 -0.59	31.57 0.72 -0.63	33.71 0.83 -1.10	42.00 0.36 -1.27	47.14 0.31 -2.54	48.16 0.41 -2.24	46.44 -0.63 -1.83	49.38 0.05 -2.39	50.72 0.05 -2.33	51.18 0.10 -2.38	54.97 0.11 -1.98	55.03 -0.16 -2.21	56.49 -1.17 -2.22	58.69 -1.98 -2.52	64.56 -2.84 -2.91	59.00 -1.93 -2.53	59.26 -1.16 -2.58	49.83 -1.03 -1.94	44.72 -0.79 -1.50	40.29 -0.68 -1.15	36.87 0.28 -0.94
NIAGARA___115KV_198_GIBSON 55903	38.12 1.11 -1.04	34.42 1.32 -0.80	32.53 0.87 -0.62	31.25 1.07 -0.59	31.75 0.91 -0.64	33.91 1.02 -1.11	41.69 0.04 -1.28	46.36 -0.49 -2.56	46.99 -0.77 -2.26	45.87 -1.22 -1.85	48.22 -1.13 -2.41	50.11 -0.58 -2.35	50.32 -0.78 -2.40	53.82 -1.06 -2.00	54.04 -1.17 -2.22	55.45 -2.22 -2.24	57.66 -3.02 -2.54	63.36 -4.06 -2.95	58.15 -2.80 -2.56	58.02 -2.43 -2.60	49.17 -1.71 -1.96	44.12 -1.41 -1.52	39.78 -1.19 -1.16	36.84 0.25 -0.95
NIAGARA____ 23760	37.88 0.86 -1.05	34.30 1.20 -0.80	32.41 0.74 -0.63	31.07 0.89 -0.60	31.58 0.72 -0.64	33.73 0.83 -1.12	42.02 0.36 -1.29	47.17 0.31 -2.56	48.18 0.41 -2.27	46.46 -0.63 -1.85	49.40 0.05 -2.42	50.74 0.05 -2.35	51.20 0.10 -2.40	54.99 0.11 -2.00	55.06 -0.16 -2.23	56.50 -1.17 -2.24	58.71 -1.98 -2.54	64.58 -2.84 -2.93	59.02 -1.93 -2.54	59.28 -1.16 -2.59	49.85 -1.03 -1.95	44.73 -0.79 -1.52	40.30 -0.68 -1.16	36.88 0.28 -0.95
NINE_MILE_1 23575	21.19 -0.76 14.02	20.93 -0.65 10.72	22.03 -0.65 8.35	20.98 -0.62 7.99	21.01 -0.64 8.56	16.22 -0.67 14.89	22.32 -0.85 17.20	9.08 -0.89 34.33	14.29 -0.87 30.35	19.52 -0.90 24.81	13.67 -0.89 32.38	16.09 -0.97 31.28	15.87 -0.93 31.91	25.29 -1.01 26.59	22.31 -1.06 29.62	24.39 -1.22 29.82	22.97 -1.40 33.78	23.56 -1.61 39.31	22.97 -1.34 34.09	21.90 -1.22 34.73	21.70 -1.08 26.15	22.78 -0.97 20.26	23.36 -0.91 15.53	22.25 -0.78 12.62
NINE_MILE_2 23744	20.95 -0.76 14.26	20.75 -0.65 10.91	21.89 -0.65 8.49	20.84 -0.62 8.12	20.87 -0.64 8.71	15.97 -0.67 15.15	22.03 -0.85 17.49	8.49 -0.89 34.91	13.77 -0.87 30.87	19.10 -0.90 25.24	13.12 -0.89 32.93	15.56 -0.97 31.82	15.32 -0.93 32.45	24.84 -1.01 27.04	21.75 -1.12 30.12	23.88 -1.22 30.33	22.39 -1.40 34.36	22.95 -1.55 39.98	22.39 -1.34 34.67	21.31 -1.22 35.32	21.25 -1.08 26.60	22.43 -0.97 20.61	23.10 -0.91 15.80	22.06 -0.75 12.83
NM_CAPITAL___DRP 24208	35.64 -0.32 0.00	31.98 -0.32 0.00	30.79 -0.25 0.00	29.35 -0.24 0.00	30.03 -0.18 0.00	31.63 -0.16 0.00	40.13 -0.24 0.00	43.98 -0.22 0.09	44.76 -0.18 0.56	44.34 -0.23 0.68	45.87 -0.33 0.74	47.28 -0.39 0.67	47.60 -0.44 0.66	51.73 -0.48 0.68	51.39 -0.48 1.12	53.87 -0.39 1.17	49.63 -0.35 8.17	50.61 -0.39 13.48	45.60 -0.35 12.45	49.69 -0.52 7.64	48.58 -0.34 0.00	43.74 -0.26 0.00	39.27 -0.04 0.50	35.38 0.04 0.31
NM_CENTRAL___DRP 24181	37.80 0.07 -1.76	34.04 0.06 -1.67	32.24 0.00 -1.20	30.77 0.03 -1.16	31.56 0.03 -1.32	34.37 0.03 -2.55	43.58 0.04 -3.17	49.82 0.09 -5.44	50.51 0.09 -4.92	49.56 0.09 -4.23	52.22 0.14 -5.14	53.52 0.19 -4.98	53.40 0.19 -4.50	57.34 0.16 -4.29	57.07 0.11 -3.98	59.19 0.00 -3.76	62.47 -0.17 -4.50	69.61 -0.32 -5.45	63.37 -0.12 -5.09	62.99 -0.06 -5.20	53.19 -0.05 -4.32	46.71 -0.09 -2.79	41.89 -0.12 -2.20	37.34 -0.11 -1.80

NM_FRONTIER___DRP 24179	38.12 1.11 -1.04	34.42 1.32 -0.80	32.53 0.87 -0.62	31.25 1.07 -0.59	31.75 0.91 -0.64	33.91 1.02 -1.11	41.69 0.04 -1.28	46.36 -0.49 -2.56	46.99 -0.77 -2.26	45.87 -1.22 -1.85	48.22 -1.13 -2.41	50.11 -0.58 -2.35	50.32 -0.78 -2.40	53.82 -1.06 -2.00	54.04 -1.17 -2.22	55.45 -2.22 -2.24	57.66 -3.02 -2.54	63.36 -4.06 -2.95	58.15 -2.80 -2.56	58.02 -2.43 -2.60	49.17 -1.71 -1.96	44.12 -1.41 -1.52	39.78 -1.19 -1.16	36.84 0.25 -0.95
NM_ST_REGIS___HYD 24053	37.01 0.72 -0.32	42.50 0.61 -9.59	36.11 0.56 -4.51	34.74 0.50 -4.66	37.87 0.54 -7.11	52.44 0.60 -20.05	70.71 0.85 -29.49	78.45 0.84 -33.32	78.92 0.96 -32.45	78.76 1.00 -32.52	79.52 0.99 -31.60	80.07 1.02 -30.72	64.34 1.07 -14.57	81.86 1.27 -27.71	61.97 1.38 -7.60	57.56 1.44 -0.69	67.24 1.40 -7.70	81.37 1.61 -15.28	83.49 1.34 -23.75	83.88 1.33 -24.70	80.08 0.93 -30.23	52.35 0.97 -7.37	47.95 0.88 -7.26	42.72 0.68 -6.39
NORTHPORT___1 23551	37.01 1.04 0.00	32.72 0.42 0.00	31.41 0.37 0.00	29.67 0.09 0.01	30.29 0.09 0.01	32.36 0.57 0.00	41.42 1.05 0.00	44.94 0.53 -0.12	46.17 0.14 -0.52	46.41 0.54 -0.62	46.83 0.19 0.30	47.23 0.24 1.35	46.90 0.15 1.95	46.14 0.21 6.96	49.44 0.05 3.60	49.39 0.39 6.43	54.51 0.64 4.28	66.88 0.71 -1.69	54.39 0.41 4.42	50.13 0.17 7.89	43.76 0.00 5.17	43.78 0.09 0.31	41.27 0.80 -0.66	37.06 1.00 -0.41
NORTHPORT___2 23552	37.01 1.04 0.00	32.72 0.42 0.00	31.41 0.37 0.00	29.67 0.09 0.01	30.29 0.09 0.01	32.36 0.57 0.00	41.42 1.05 0.00	44.94 0.53 -0.12	46.17 0.14 -0.52	46.41 0.54 -0.62	46.83 0.19 0.30	47.23 0.24 1.35	46.90 0.15 1.95	46.14 0.21 6.96	49.44 0.05 3.60	49.39 0.39 6.43	54.51 0.64 4.28	66.88 0.71 -1.69	54.39 0.41 4.42	50.13 0.17 7.89	43.76 0.00 5.17	43.78 0.09 0.31	41.27 0.80 -0.66	37.06 1.00 -0.41
NORTHPORT___3 23553	36.72 0.76 0.00	32.50 0.19 0.00	31.19 0.16 0.00	29.49 -0.09 0.01	30.11 -0.09 0.01	32.14 0.35 0.00	41.10 0.73 0.00	44.28 -0.13 -0.12	45.43 -0.59 -0.52	45.72 -0.14 -0.61	46.32 -0.33 0.30	46.75 -0.24 1.35	46.42 -0.34 1.94	45.65 -0.32 6.92	48.98 -0.43 3.58	48.87 -0.17 6.39	54.01 0.12 4.26	66.29 0.13 -1.68	53.82 -0.17 4.40	49.59 -0.40 7.85	43.29 -0.49 5.14	43.29 -0.40 0.32	40.83 0.36 -0.66	36.81 0.75 -0.41
NORTHPORT___4 23650	36.72 0.76 0.00	32.50 0.19 0.00	31.19 0.16 0.00	29.49 -0.09 0.01	30.11 -0.09 0.01	32.14 0.35 0.00	41.10 0.73 0.00	44.28 -0.13 -0.12	45.43 -0.59 -0.52	45.72 -0.14 -0.61	46.32 -0.33 0.30	46.75 -0.24 1.35	46.42 -0.34 1.94	45.65 -0.32 6.92	48.98 -0.43 3.58	48.87 -0.17 6.39	54.01 0.12 4.26	66.29 0.13 -1.68	53.82 -0.17 4.40	49.59 -0.40 7.85	43.29 -0.49 5.14	43.29 -0.40 0.32	40.83 0.36 -0.66	36.81 0.75 -0.41
NORTHPORT___IC 23718	37.01 1.04 0.00	32.79 0.48 0.00	31.44 0.40 0.00	29.67 0.09 0.01	30.29 0.09 0.01	32.36 0.57 0.00	41.42 1.05 0.00	45.03 0.62 -0.12	46.35 0.32 -0.52	46.18 0.32 -0.62	46.93 0.28 0.30	47.13 0.15 1.35	46.85 0.10 1.95	46.08 0.16 6.96	49.38 0.00 3.60	49.33 0.33 6.43	54.39 0.52 4.28	66.75 0.58 -1.69	54.33 0.35 4.42	50.07 0.12 7.89	43.64 -0.05 5.23	43.74 0.04 0.31	41.51 1.04 -0.66	37.02 0.96 -0.41
NORTH___COUNTRY_ESR 323785	36.32 0.36 0.00	34.17 0.26 -1.61	32.00 0.22 -0.75	30.57 0.21 -0.77	31.62 0.21 -1.19	35.44 0.25 -3.40	45.44 0.04 -5.03	49.51 -0.40 -5.62	50.26 -0.73 -5.48	50.17 -0.59 -5.52	51.66 -0.61 -5.33	52.60 -0.92 -5.18	50.65 -0.44 -2.39	56.87 -0.69 -4.68	53.81 -0.37 -1.19	55.05 -0.39 0.00	59.05 -0.29 -1.19	66.82 -0.13 -2.47	62.29 -0.06 -3.95	61.72 -0.23 -4.11	53.67 -0.34 -5.09	45.37 0.18 -1.19	41.36 0.36 -1.19	36.88 0.18 -1.05
NPX_GEN_1385_PROXY 323591	37.01 1.04 0.00	32.72 0.42 0.00	31.41 0.37 0.00	29.67 0.09 0.01	30.29 0.09 0.01	32.36 0.57 0.00	41.42 1.05 0.00	44.94 0.53 -0.12	46.17 0.14 -0.52	46.41 0.54 -0.62	46.83 0.19 0.30	47.23 0.24 1.35	46.90 0.15 1.95	46.14 0.21 6.96	49.44 0.05 3.60	49.39 0.39 6.43	54.51 0.64 4.28	66.88 0.71 -1.69	54.39 0.41 4.42	50.13 0.17 7.89	43.76 0.00 5.17	44.10 0.09 -0.01	40.95 0.80 -0.34	37.06 1.00 -0.41
NPX_GEN_CSC 323557	36.65 0.68 0.00	32.33 0.03 0.00	31.04 0.00 0.00	29.25 -0.32 0.01	29.87 -0.33 0.01	32.01 0.22 0.00	41.01 0.64 0.00	44.68 0.27 -0.12	45.95 -0.09 -0.53	46.14 0.27 -0.62	46.80 0.14 0.28	47.12 0.10 1.32	46.79 0.00 1.91	46.10 0.05 6.84	49.36 -0.11 3.52	49.35 0.22 6.31	54.42 0.46 4.19	66.75 0.58 -1.69	54.34 0.29 4.35	50.08 0.00 7.76	43.79 -0.05 5.09	43.93 -0.09 -0.01	40.47 0.32 -0.34	36.60 0.54 -0.41
NSINS_S_GLNS_FALLS 23858	36.86 0.90 0.00	33.14 0.84 0.00	31.88 0.84 0.00	30.35 0.77 0.00	31.06 0.85 0.00	32.65 0.86 0.00	41.58 1.21 0.00	45.60 1.42 0.10	46.20 1.32 0.63	45.89 1.40 0.76	47.33 1.22 0.83	48.75 1.16 0.75	49.03 1.07 0.74	53.29 1.16 0.76	53.00 1.27 1.26	55.56 1.44 1.31	63.92 1.57 -4.21	74.10 1.81 -7.82	69.28 1.87 -9.02	64.63 1.68 -5.11	50.54 1.61 0.00	45.50 1.50 0.00	40.57 1.31 0.56	36.37 1.07 0.35
NUCOR_STEEL___DRP 24197	38.91 0.54 -2.40	34.84 0.48 -2.05	32.97 0.40 -1.53	31.47 0.41 -1.47	32.26 0.42 -1.62	35.27 0.48 -3.00	44.63 0.65 -3.61	51.72 0.80 -6.63	52.21 0.77 -5.93	50.95 0.72 -4.99	54.00 0.80 -6.26	55.28 0.87 -6.07	55.33 0.83 -5.80	58.93 0.85 -5.19	59.03 0.79 -5.25	61.22 0.67 -5.12	64.69 0.58 -5.96	72.13 0.58 -7.08	65.60 0.82 -6.38	65.28 0.93 -6.51	54.88 0.78 -5.17	48.26 0.62 -3.64	43.12 0.48 -2.83	38.38 0.43 -2.31
NUMBER_THREE_WT_PWR 323818	37.29 0.50 -0.82	36.49 0.36 -3.83	33.35 0.34 -1.97	31.85 0.27 -2.00	33.36 0.27 -2.87	39.90 0.48 -7.64	52.22 0.85 -11.00	58.57 1.11 -13.17	59.32 1.14 -12.68	58.57 0.90 -12.42	60.27 0.85 -12.48	61.24 0.77 -12.13	56.39 1.07 -6.62	64.91 1.16 -10.86	58.21 1.11 -4.11	58.50 1.33 -1.74	63.84 1.34 -4.35	74.17 2.12 -7.57	70.51 1.99 -10.12	70.47 2.14 -10.49	62.57 1.81 -11.84	49.01 1.28 -3.73	44.14 0.92 -3.41	39.30 0.71 -2.94
NYISO_LBMP_REFERENCE 24008	35.97 0.00 0.00	32.30 0.00 0.00	31.04 0.00 0.00	29.59 0.00 0.00	30.21 0.00 0.00	31.79 0.00 0.00	40.37 0.00 0.00	44.29 0.00 0.00	45.51 0.00 0.00	45.24 0.00 0.00	46.94 0.00 0.00	48.34 0.00 0.00	48.70 0.00 0.00	52.89 0.00 0.00	52.99 0.00 0.00	55.43 0.00 0.00	58.15 0.00 0.00	64.48 0.00 0.00	58.40 0.00 0.00	57.84 0.00 0.00	48.92 0.00 0.00	44.01 0.00 0.00	39.81 0.00 0.00	35.65 0.00 0.00
NYPA_BRENTWD____GT 24164	37.33 1.37 0.00	32.98 0.68 0.00	31.66 0.62 0.00	29.87 0.30 0.01	30.51 0.30 0.01	32.65 0.86 0.00	41.82 1.45 0.00	45.47 1.06 -0.12	46.81 0.77 -0.53	47.04 1.17 -0.63	47.67 0.99 0.25	48.12 1.06 1.28	47.82 0.97 1.86	47.35 1.16 6.70	50.56 1.00 3.43	50.60 1.33 6.16	55.74 1.69 4.09	68.04 1.87 -1.69	55.59 1.46 4.26	51.45 1.22 7.61	44.81 0.88 4.99	44.54 0.83 0.30	41.67 1.19 -0.66	37.38 1.32 -0.41

NYPA_GOWANUS____GT5 24156	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NYPA_GOWANUS____GT6 24157	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.24 1.31 -0.99	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NYPA_HARLEM__RVR__GT1 24160	37.66 1.69 -0.01	33.57 1.26 -0.01	32.19 1.15 -0.01	30.66 1.06 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.62 0.00	45.79 1.37 -0.12	47.43 1.18 -0.74	47.76 1.63 -0.89	49.28 1.36 -0.98	50.68 1.45 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.85 1.38 -1.49	58.76 1.77 -1.55	61.71 2.15 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.30 1.32 -0.06	45.59 1.58 0.00	42.60 2.11 -0.67	37.85 1.78 -0.42
NYPA_HARLEM__RVR__GT2 24161	37.66 1.69 -0.01	33.57 1.26 -0.01	32.19 1.15 -0.01	30.66 1.06 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.62 0.00	45.79 1.37 -0.12	47.43 1.18 -0.74	47.76 1.63 -0.89	49.28 1.36 -0.98	50.68 1.45 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.85 1.38 -1.49	58.76 1.77 -1.55	61.71 2.15 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.30 1.32 -0.06	45.59 1.58 0.00	42.60 2.11 -0.67	37.85 1.78 -0.42
NYPA_KENT____GT 24152	37.73 1.76 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.38 0.80 0.00	31.00 0.78 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.66 1.24 -0.12	47.30 1.05 -0.74	47.58 1.45 -0.89	49.26 1.31 -1.00	50.63 1.40 -0.89	50.89 1.32 -0.88	55.26 1.48 -0.90	55.91 1.43 -1.49	58.81 1.83 -1.55	61.76 2.21 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.35 1.37 -0.06	45.41 1.41 0.00	42.31 1.83 -0.67	37.63 1.57 -0.41
NYPA_POUCH1____GT 24155	27.98 1.55 9.54	24.61 0.84 8.53	23.22 0.74 8.56	23.20 0.65 7.04	23.17 0.64 7.68	24.15 0.76 8.40	23.78 1.01 17.60	25.02 0.97 20.25	25.58 0.77 20.70	25.33 1.22 21.13	25.85 1.03 22.12	25.92 1.11 23.53	26.61 1.02 23.12	28.12 1.22 25.98	33.97 1.11 20.13	35.36 1.55 21.62	38.47 1.92 21.59	39.95 2.06 26.59	42.06 1.69 18.03	42.07 1.45 17.22	35.39 1.13 14.65	30.72 1.19 14.48	28.93 1.63 12.51	27.55 1.35 9.45
NYPA_VERNON____GT2 24162	37.55 1.58 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.56 0.97 0.00	31.21 1.00 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.06 1.64 -0.12	47.72 1.46 -0.75	48.04 1.90 -0.90	49.61 1.69 -0.99	50.97 1.74 -0.89	51.24 1.66 -0.88	55.69 1.90 -0.90	56.17 1.70 -1.49	59.09 2.11 -1.56	62.00 2.44 -1.41	68.88 2.71 -1.70	60.91 2.22 -0.29	60.22 1.91 -0.47	50.50 1.52 -0.06	45.59 1.58 0.00	42.43 1.95 -0.67	37.74 1.68 -0.41
NYPA_VERNON____GT3 24163	37.55 1.58 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.56 0.97 0.00	31.21 1.00 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.06 1.64 -0.12	47.72 1.46 -0.75	48.04 1.90 -0.90	49.61 1.69 -0.99	50.97 1.74 -0.89	51.24 1.66 -0.88	55.69 1.90 -0.90	56.17 1.70 -1.49	59.09 2.11 -1.56	62.00 2.44 -1.41	68.88 2.71 -1.70	60.91 2.22 -0.29	60.22 1.91 -0.47	50.50 1.52 -0.06	45.59 1.58 0.00	42.43 1.95 -0.67	37.74 1.68 -0.41
NYPA__ASTORIA_CC1 323568	37.51 1.55 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	45.92 1.51 -0.12	47.58 1.32 -0.75	47.91 1.76 -0.90	49.47 1.55 -0.99	50.83 1.59 -0.89	51.09 1.51 -0.88	55.53 1.74 -0.90	56.01 1.54 -1.49	58.92 1.94 -1.55	61.82 2.27 -1.41	68.69 2.51 -1.70	60.73 2.04 -0.29	60.11 1.80 -0.47	50.35 1.37 -0.06	45.50 1.50 0.00	42.35 1.87 -0.67	37.67 1.61 -0.41
NYPA__ASTORIA_CC2 323569	37.51 1.55 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.86 1.49 0.00	45.92 1.51 -0.12	47.58 1.32 -0.75	47.91 1.76 -0.90	49.47 1.55 -0.99	50.83 1.59 -0.89	51.09 1.51 -0.88	55.53 1.74 -0.90	56.01 1.54 -1.49	58.92 1.94 -1.55	61.82 2.27 -1.41	68.69 2.51 -1.70	60.73 2.04 -0.29	60.11 1.80 -0.47	50.35 1.37 -0.06	45.50 1.50 0.00	42.35 1.87 -0.67	37.67 1.61 -0.41
NYPA__HOLTSVILL 23794	36.90 0.93 0.00	32.59 0.29 0.00	31.28 0.25 0.00	29.52 -0.06 0.01	30.14 -0.06 0.01	32.27 0.48 0.00	41.34 0.97 0.00	44.94 0.53 -0.12	46.26 0.23 -0.53	46.50 0.63 -0.62	47.13 0.47 0.28	47.45 0.43 1.32	47.13 0.34 1.91	46.51 0.47 6.85	49.72 0.27 3.53	49.72 0.61 6.32	54.82 0.87 4.20	67.14 0.97 -1.69	54.68 0.64 4.36	50.48 0.41 7.78	44.12 0.30 5.09	43.96 0.27 0.31	41.15 0.68 -0.66	36.91 0.85 -0.41
NYPA__HELLGATE_GT1 24158	37.66 1.69 -0.01	33.57 1.26 -0.01	32.19 1.15 -0.01	30.66 1.06 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.62 0.00	45.79 1.37 -0.12	47.43 1.18 -0.74	47.76 1.63 -0.89	49.28 1.36 -0.98	50.68 1.45 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.85 1.38 -1.49	58.76 1.77 -1.55	61.71 2.15 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.30 1.32 -0.06	45.59 1.58 0.00	42.60 2.11 -0.67	37.85 1.78 -0.42
NYPA__HELLGATE_GT2 24159	37.66 1.69 -0.01	33.57 1.26 -0.01	32.19 1.15 -0.01	30.66 1.06 -0.01	31.31 1.09 -0.01	33.10 1.30 -0.01	41.99 1.62 0.00	45.79 1.37 -0.12	47.43 1.18 -0.74	47.76 1.63 -0.89	49.28 1.36 -0.98	50.68 1.45 -0.89	50.94 1.36 -0.88	55.32 1.53 -0.90	55.85 1.38 -1.49	58.76 1.77 -1.55	61.71 2.15 -1.41	68.56 2.39 -1.70	60.68 1.99 -0.29	60.05 1.73 -0.47	50.30 1.32 -0.06	45.59 1.58 0.00	42.60 2.11 -0.67	37.85 1.78 -0.42
NYS_BARGE____HYD 23848	38.06 1.04 -1.05	34.49 1.39 -0.80	32.56 0.90 -0.63	31.22 1.03 -0.60	31.73 0.88 -0.64	33.92 1.02 -1.12	42.35 0.69 -1.29	47.53 0.67 -2.58	48.56 0.77 -2.28	46.83 -0.27 -1.86	49.74 0.37 -2.43	51.09 0.38 -2.37	51.55 0.44 -2.41	55.37 0.47 -2.01	55.38 0.16 -2.24	56.86 -0.83 -2.26	59.01 -1.69 -2.55	64.98 -2.45 -2.96	59.44 -1.52 -2.56	59.76 -0.69 -2.61	50.25 -0.64 -1.97	45.00 -0.53 -1.52	40.62 -0.36 -1.17	37.10 0.50 -0.95
OAK ORCHARD____HYD 24046	37.79 0.79 -1.03	34.03 0.94 -0.79	32.37 0.71 -0.62	30.88 0.71 -0.59	31.51 0.66 -0.63	33.68 0.80 -1.10	42.52 0.89 -1.27	47.93 1.11 -2.53	48.88 1.14 -2.24	47.79 0.72 -1.83	50.41 1.08 -2.39	51.77 1.11 -2.32	52.23 1.17 -2.37	56.18 1.32 -1.97	56.30 1.11 -2.20	58.25 0.61 -2.21	60.83 0.17 -2.51	67.44 0.06 -2.90	61.44 0.52 -2.51	61.33 0.92 -2.56	51.49 0.63 -1.93	46.07 0.57 -1.49	41.44 0.48 -1.15	37.22 0.64 -0.93

OAKDALE___35_KV_LOAD 356122	37.87 0.61 -1.30	33.91 0.61 -0.99	32.24 0.43 -0.77	30.83 0.50 -0.74	31.52 0.51 -0.79	33.71 0.54 -1.38	42.53 0.57 -1.59	48.13 0.66 -3.18	48.96 0.64 -2.81	48.04 0.50 -2.30	50.50 0.56 -3.00	51.90 0.63 -2.94	52.28 0.58 -2.99	55.96 0.58 -2.50	56.24 0.48 -2.78	58.51 0.28 -2.80	61.55 0.23 -3.17	68.29 0.13 -3.68	62.00 0.41 -3.19	61.62 0.52 -3.26	51.86 0.49 -2.45	46.30 0.40 -1.90	41.59 0.32 -1.46	37.19 0.36 -1.18
OCC_CHEM___DRP 24175	38.16 1.15 -1.04	34.46 1.36 -0.80	32.56 0.90 -0.62	31.28 1.09 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.50 -0.35 -2.56	47.13 -0.64 -2.26	45.96 -1.13 -1.85	48.37 -0.99 -2.41	50.26 -0.44 -2.35	50.46 -0.63 -2.40	53.93 -0.95 -2.00	54.20 -1.01 -2.23	55.57 -2.11 -2.24	57.78 -2.91 -2.54	63.49 -3.93 -2.95	58.27 -2.69 -2.56	58.19 -2.26 -2.61	49.32 -1.57 -1.96	44.25 -1.28 -1.52	39.90 -1.07 -1.17	36.88 0.29 -0.95
OH_GEN_PROXY 24063	37.86 0.86 -1.03	34.25 1.16 -0.79	32.37 0.71 -0.62	31.03 0.86 -0.59	31.54 0.70 -0.63	33.68 0.80 -1.10	42.00 0.36 -1.27	47.17 0.35 -2.53	48.20 0.46 -2.24	46.48 -0.59 -1.83	49.42 0.09 -2.39	50.76 0.10 -2.32	51.22 0.15 -2.37	55.02 0.16 -1.98	55.08 -0.11 -2.20	56.54 -1.11 -2.22	58.79 -1.86 -2.51	64.68 -2.71 -2.90	59.11 -1.81 -2.52	59.43 -0.98 -2.57	49.92 -0.93 -1.93	45.08 -0.75 -1.82	40.00 -0.64 -0.82	36.83 0.25 -0.93
OLIN_CORP_DRP 24177	37.63 0.61 -1.05	34.04 0.94 -0.81	32.13 0.47 -0.63	30.87 0.68 -0.60	31.37 0.51 -0.64	33.54 0.64 -1.12	41.82 0.16 -1.29	46.65 -0.22 -2.58	47.29 -0.50 -2.28	46.15 -0.95 -1.86	48.53 -0.84 -2.43	50.37 -0.34 -2.37	50.58 -0.54 -2.42	54.16 -0.74 -2.01	54.38 -0.85 -2.24	55.75 -1.94 -2.26	57.97 -2.73 -2.56	63.97 -3.48 -2.97	58.52 -2.45 -2.58	58.56 -1.91 -2.63	49.53 -1.37 -1.98	44.39 -1.14 -1.53	40.11 -0.88 -1.18	36.39 -0.21 -0.95
OLIN_CORP_DSASP 323712	38.16 1.15 -1.04	34.56 1.45 -0.80	32.62 0.96 -0.62	31.28 1.10 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.72 -0.13 -2.56	47.68 -0.09 -2.26	46.00 -1.09 -1.85	48.93 -0.42 -2.41	50.30 -0.39 -2.35	50.76 -0.34 -2.40	54.46 -0.42 -2.00	54.42 -0.79 -2.23	55.90 -1.78 -2.24	58.01 -2.67 -2.54	63.67 -3.74 -2.94	58.32 -2.63 -2.55	58.53 -1.91 -2.60	49.31 -1.57 -1.95	44.24 -1.28 -1.51	39.90 -1.07 -1.16	37.13 0.54 -0.94
ONEIDA_HERK_LFGE 323681	37.10 0.61 -0.52	34.68 0.49 -1.89	32.53 0.50 -1.00	31.01 0.41 -1.01	32.06 0.42 -1.43	36.10 0.60 -3.71	46.60 0.93 -5.30	51.93 1.15 -6.48	52.95 1.23 -6.21	52.36 1.08 -6.04	54.16 1.08 -6.14	55.42 1.11 -5.97	53.33 1.22 -3.41	59.48 1.27 -5.33	56.47 1.27 -2.22	57.94 1.39 -1.12	61.91 1.39 -2.37	70.28 1.87 -3.93	65.22 1.75 -5.07	64.88 1.80 -5.24	56.23 1.52 -5.78	47.05 1.10 -1.95	42.44 0.87 -1.75	37.82 0.68 -1.50
ONEIDA___115KV_TB4 55905	37.76 0.94 -0.86	34.41 0.78 -1.33	32.61 0.74 -0.82	31.08 0.68 -0.81	31.93 0.69 -1.02	34.98 0.86 -2.34	44.78 1.25 -3.16	50.25 1.51 -4.45	51.26 1.59 -4.16	50.52 1.45 -3.83	52.66 1.50 -4.22	53.98 1.55 -4.09	53.22 1.56 -2.96	58.12 1.64 -3.60	56.95 1.64 -2.32	58.98 1.72 -1.83	62.41 1.69 -2.58	69.93 2.00 -3.45	64.08 1.93 -3.75	63.67 1.97 -3.86	54.39 1.71 -3.75	47.03 1.28 -1.74	42.30 1.04 -1.45	37.72 0.86 -1.21
ONONDAGA_REF_OCCRA 23987	38.12 0.22 -1.94	34.29 0.19 -1.79	32.46 0.12 -1.30	30.99 0.15 -1.25	31.77 0.15 -1.41	34.69 0.19 -2.71	43.95 0.24 -3.34	50.51 0.40 -5.82	51.17 0.41 -5.25	50.09 0.36 -4.49	52.86 0.42 -5.50	54.16 0.48 -5.33	54.07 0.49 -4.88	57.95 0.48 -4.59	57.75 0.42 -4.34	59.90 0.33 -4.14	63.30 0.23 -4.92	70.53 0.13 -5.92	64.23 0.35 -5.48	63.79 0.35 -5.60	53.87 0.34 -4.61	47.26 0.22 -3.04	42.31 0.12 -2.38	37.70 0.11 -1.95
ONONDAGA___COGEN 23986	38.75 0.22 -2.57	34.72 0.19 -2.23	32.81 0.12 -1.65	31.32 0.15 -1.59	32.13 0.15 -1.76	35.26 0.19 -3.28	44.58 0.24 -3.97	51.85 0.35 -7.21	52.33 0.36 -6.46	51.10 0.41 -5.45	54.21 0.47 -6.81	55.42 0.48 -6.59	55.44 0.49 -6.26	59.01 0.48 -5.65	59.05 0.42 -5.64	61.25 0.33 -5.49	64.79 0.23 -6.41	72.17 0.06 -7.62	65.60 0.29 -6.91	65.24 0.35 -7.05	54.85 0.29 -5.64	48.14 0.22 -3.92	43.02 0.16 -3.05	38.25 0.11 -2.49
ONTARIO___LFGE 23819	39.60 1.66 -1.98	35.43 1.61 -1.51	33.55 1.33 -1.18	32.04 1.33 -1.13	32.78 1.36 -1.21	35.48 1.59 -2.10	44.69 1.90 -2.43	51.48 2.35 -4.84	52.20 2.41 -4.28	50.78 2.04 -3.50	53.76 2.25 -4.57	54.95 2.18 -4.43	55.42 2.19 -4.52	59.04 2.38 -3.77	59.36 2.17 -4.20	61.60 1.94 -4.23	64.80 1.86 -4.79	72.02 2.00 -5.55	65.72 2.51 -4.81	65.52 2.78 -4.90	54.71 2.10 -3.69	48.54 1.67 -2.86	43.32 1.31 -2.19	38.93 1.50 -1.78
ORANGEVILLE_WT_PWR 323706	38.26 1.12 -1.18	34.46 1.26 -0.90	32.58 0.84 -0.70	31.23 0.97 -0.67	31.81 0.88 -0.72	34.06 1.02 -1.25	42.67 0.85 -1.45	48.15 0.97 -2.89	49.11 1.05 -2.55	50.27 0.61 -2.09	51.48 0.48 -2.72	51.89 0.49 -2.65	55.62 0.49 -2.71	55.76 0.47 -2.26	57.41 0.27 -2.51	59.79 -0.55 -2.53	66.12 -1.22 -2.87	66.63 -1.68 -3.32	60.89 0.12 -2.88	51.03 -0.10 -2.93	45.54 -0.18 -2.21	41.01 -0.12 -1.71	37.25 0.54 -1.07	
ORANGEVILLE___ESR 323794	38.26 1.12 -1.18	34.46 1.26 -0.90	32.58 0.84 -0.70	31.23 0.97 -0.67	31.81 0.88 -0.72	34.06 1.02 -1.25	42.67 0.85 -1.45	48.15 0.97 -2.89	49.11 1.05 -2.55	50.27 0.61 -2.09	51.48 0.48 -2.72	51.89 0.49 -2.65	55.62 0.47 -2.71	55.76 0.27 -2.26	57.41 -0.55 -2.51	59.79 -1.22 -2.53	66.12 -1.68 -2.87	66.63 -1.68 -3.32	60.89 0.12 -2.88	51.03 -0.10 -2.93	45.54 -0.18 -2.21	41.01 -0.12 -1.71	37.25 0.54 -1.07	
OSWEGATCHIE___HYD 24044	37.28 0.65 -0.67	40.64 0.52 -7.82	35.31 0.50 -3.78	33.91 0.44 -3.88	36.49 0.45 -5.82	48.52 0.60 -16.13	64.89 0.93 -23.59	72.49 1.11 -27.09	72.95 1.14 -26.30	72.38 0.95 -26.19	73.57 0.94 -25.69	74.23 0.92 -24.97	62.12 1.07 -12.35	76.47 1.11 -22.47	60.87 1.06 -6.83	58.13 1.28 -1.42	66.28 1.10 -7.03	79.38 1.48 -13.42	79.50 1.28 -19.82	79.81 1.39 -20.58	74.65 1.17 -24.55	51.67 1.14 -6.53	46.95 0.87 -6.26	41.84 0.71 -5.48
OSWEGO___5 23606	42.98 -0.47 -7.49	37.64 -0.39 -5.73	35.09 -0.40 -4.46	33.46 -0.39 -4.26	34.39 -0.39 -4.57	39.33 -0.41 -7.95	49.03 -0.53 -9.18	62.09 -0.53 -18.33	61.22 -0.50 -16.21	57.90 -0.59 -13.25	63.67 -0.56 -17.29	64.48 -0.58 -16.72	65.17 -0.58 -17.05	66.46 -0.63 -14.21	68.12 -0.69 -15.83	70.54 -0.83 -15.94	75.27 -0.93 -18.06	84.27 -1.10 -20.89	75.64 -0.87 -18.11	75.49 -0.81 -18.45	62.13 -0.68 -13.90	54.11 -0.66 -10.77	47.47 -0.60 -8.26	41.86 -0.50 -6.71
OSWEGO___6 23613	42.98 -0.47 -7.49	37.64 -0.39 -5.73	35.09 -0.40 -4.46	33.46 -0.39 -4.26	34.39 -0.39 -4.57	39.33 -0.41 -7.95	49.03 -0.53 -9.18	62.09 -0.53 -18.33	61.22 -0.50 -16.21	57.90 -0.59 -13.25	63.67 -0.56 -17.29	64.48 -0.58 -16.72	65.17 -0.58 -17.05	66.46 -0.63 -14.21	68.12 -0.69 -15.83	70.54 -0.83 -15.94	75.27 -0.93 -18.06	84.27 -1.10 -20.89	75.64 -0.87 -18.11	75.49 -0.81 -18.45	62.13 -0.68 -13.90	54.11 -0.66 -10.77	47.47 -0.60 -8.26	41.86 -0.50 -6.71

OUTOKUMPU-AB___DRP 24206	38.57 1.55 -1.06	34.82 1.71 -0.81	32.88 1.21 -0.63	31.58 1.39 -0.60	32.10 1.24 -0.65	34.31 1.40 -1.12	42.68 1.01 -1.30	47.63 0.75 -2.59	48.30 0.50 -2.29	47.25 0.14 -1.87	49.66 0.28 -2.44	51.49 0.77 -2.38	51.71 0.58 -2.43	55.17 0.26 -2.02	55.40 0.16 -2.25	56.81 -0.89 -2.27	59.09 -1.63 -2.57	65.08 -2.39 -2.98	59.70 -1.28 -2.59	59.67 -0.81 -2.64	50.62 -0.29 -1.99	45.28 -0.26 -1.54	40.87 -0.12 -1.18	37.28 0.68 -0.96
OXBOW___BTM 323836	38.42 1.40 -1.05	34.78 1.68 -0.80	32.84 1.18 -0.63	31.48 1.30 -0.60	32.00 1.15 -0.64	34.18 1.27 -1.12	42.30 0.64 -1.29	47.40 0.53 -2.57	48.42 0.64 -2.28	46.74 -0.36 -1.86	49.70 0.33 -2.43	51.04 0.34 -2.36	51.50 0.39 -2.41	55.21 0.32 -2.01	55.17 -0.05 -2.24	56.69 -1.00 -2.25	58.78 -1.92 -2.55	64.53 -2.90 -2.96	59.15 -1.81 -2.56	59.35 -1.10 -2.61	50.06 -0.83 -1.97	44.82 -0.71 -1.52	40.46 -0.52 -1.17	37.42 0.82 -0.95
OXBOW___ 24026	38.42 1.40 -1.05	34.69 1.58 -0.80	32.78 1.12 -0.63	31.49 1.30 -0.60	32.00 1.15 -0.64	34.18 1.27 -1.12	42.31 0.65 -1.29	47.13 0.27 -2.57	47.83 0.05 -2.28	46.69 -0.41 -1.86	49.09 -0.28 -2.43	50.99 0.29 -2.36	51.21 0.10 -2.41	54.68 -0.21 -2.01	54.91 -0.32 -2.24	56.30 -1.39 -2.25	58.55 -2.15 -2.55	64.41 -3.03 -2.97	59.10 -1.87 -2.57	59.02 -1.45 -2.62	50.07 -0.83 -1.97	44.83 -0.70 -1.53	40.47 -0.52 -1.17	37.14 0.53 -0.95
OXY_CHEM_DSASP 323612	38.16 1.15 -1.04	34.46 1.36 -0.80	32.56 0.90 -0.62	31.28 1.09 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.50 -0.35 -2.56	47.13 -0.64 -2.26	45.96 -1.13 -1.85	48.37 -0.99 -2.41	50.26 -0.44 -2.35	50.46 -0.63 -2.40	53.93 -0.95 -2.00	54.20 -1.01 -2.23	55.57 -2.11 -2.24	57.78 -2.91 -2.54	63.49 -3.93 -2.95	58.27 -2.69 -2.56	58.19 -2.26 -2.61	49.32 -1.57 -1.96	44.25 -1.28 -1.52	39.90 -1.07 -1.17	36.88 0.29 -0.95
OZONE_PARK_ESR 323760	37.94 1.98 0.00	33.82 1.52 0.00	32.43 1.40 0.00	30.83 1.24 0.00	31.48 1.27 0.00	33.28 1.49 0.00	42.43 2.06 0.00	46.85 2.44 -0.12	48.53 2.28 -0.75	48.54 2.40 -0.90	50.51 2.58 -0.99	51.80 2.56 -0.90	52.12 2.53 -0.89	56.60 2.80 -0.91	57.08 2.60 -1.50	60.04 3.05 -1.56	62.99 3.43 -1.41	69.92 3.74 -1.71	62.14 3.45 -0.30	61.27 2.95 -0.48	51.22 2.30 0.00	46.25 2.24 0.00	42.91 2.43 -0.67	38.06 2.00 -0.41
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.16 1.15 -1.04	34.46 1.36 -0.80	32.56 0.90 -0.62	31.28 1.09 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.50 -0.35 -2.56	47.13 -0.64 -2.26	45.96 -1.13 -1.85	48.37 -0.99 -2.41	50.26 -0.44 -2.35	50.46 -0.63 -2.40	53.93 -0.95 -2.00	54.20 -1.01 -2.23	55.57 -2.11 -2.24	57.78 -2.91 -2.54	63.49 -3.93 -2.95	58.27 -2.69 -2.56	58.19 -2.26 -2.61	49.32 -1.57 -1.96	44.25 -1.28 -1.52	39.90 -1.07 -1.17	36.88 0.29 -0.95
PACKARD__115KV_DUPONT_184 80571	38.16 1.15 -1.04	34.46 1.36 -0.80	32.56 0.90 -0.62	31.28 1.09 -0.60	31.79 0.94 -0.64	33.95 1.05 -1.11	41.81 0.16 -1.28	46.50 -0.35 -2.56	47.13 -0.64 -2.26	45.96 -1.13 -1.85	48.37 -0.99 -2.41	50.26 -0.44 -2.35	50.46 -0.63 -2.40	53.93 -0.95 -2.00	54.20 -1.01 -2.23	55.57 -2.11 -2.24	57.78 -2.91 -2.54	63.49 -3.93 -2.95	58.27 -2.69 -2.56	58.19 -2.26 -2.61	49.32 -1.57 -1.96	44.25 -1.28 -1.52	39.90 -1.07 -1.17	36.88 0.29 -0.95
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.66 1.69 -0.01	33.63 1.32 -0.01	32.22 1.18 -0.01	30.66 1.07 -0.01	31.31 1.09 -0.01	33.07 1.27 -0.01	41.99 1.61 0.00	45.88 1.46 -0.12	47.49 1.23 -0.75	47.45 1.31 -0.90	49.38 1.46 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.76 1.27 -1.50	58.65 1.66 -1.55	61.54 1.98 -1.41	68.50 2.32 -1.71	60.51 1.81 -0.30	59.94 1.62 -0.48	50.10 1.17 0.00	45.55 1.54 0.00	42.52 2.03 -0.67	37.82 1.75 -0.42
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.06 2.09 -0.01	33.99 1.68 -0.01	32.60 1.55 -0.01	31.01 1.42 -0.01	31.67 1.45 -0.01	33.45 1.65 -0.01	42.47 2.10 0.00	46.41 1.99 -0.12	47.99 1.73 -0.75	47.95 1.81 -0.90	49.85 1.92 -0.99	51.02 1.79 -0.89	51.38 1.80 -0.88	55.80 2.01 -0.90	56.34 1.85 -1.50	59.26 2.27 -1.55	62.18 2.62 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.58 2.26 -0.48	50.68 1.76 0.00	46.07 2.07 0.00	43.04 2.55 -0.67	38.21 2.14 -0.42
PATROON__115KV_TB1 80586	35.64 -0.32 0.00	31.98 -0.32 0.00	30.79 -0.25 0.00	29.35 -0.24 0.00	30.03 -0.18 0.00	31.63 -0.16 0.00	40.13 -0.24 0.00	44.03 -0.18 0.09	44.80 -0.18 0.52	44.43 -0.18 0.63	45.97 -0.28 0.69	47.32 -0.39 0.63	47.69 -0.39 0.62	51.83 -0.42 0.63	51.51 -0.42 1.05	54.01 -0.33 1.09	51.42 -0.29 6.44	53.61 -0.32 10.55	48.53 -0.29 9.58	51.47 -0.46 5.91	48.63 -0.29 0.00	43.79 -0.22 0.00	39.31 -0.04 0.47	35.43 0.07 0.29
PATTRSNVILLE___SOLAR 323815	36.83 0.86 0.00	33.04 0.74 0.00	31.78 0.74 0.00	30.29 0.71 0.00	30.97 0.76 0.00	32.58 0.80 0.00	41.50 1.13 0.00	45.46 1.24 0.07	46.15 1.09 0.45	45.79 1.08 0.54	47.15 0.80 0.59	48.68 0.87 0.54	49.05 0.88 0.53	53.35 1.00 0.54	53.15 1.06 0.89	55.72 1.22 0.93	59.55 1.39 -0.01	66.59 1.67 -0.44	61.25 1.58 -1.28	59.93 1.50 -0.58	50.25 1.37 0.04	45.24 1.23 0.00	40.57 1.16 0.40	36.37 0.96 0.25
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.31 1.26 -1.08	34.52 1.39 -0.83	32.52 0.84 -0.64	31.27 1.07 -0.62	31.87 1.00 -0.66	34.08 1.14 -1.15	42.63 0.93 -1.33	47.96 1.02 -2.65	48.62 0.77 -2.34	47.56 0.41 -1.91	50.00 0.56 -2.50	51.74 0.97 -2.43	52.01 0.83 -2.48	55.64 0.69 -2.07	55.87 0.58 -2.31	57.36 -0.39 -2.32	59.85 -0.93 -2.63	66.11 -1.42 -3.06	60.58 -0.47 -2.65	60.66 0.12 -2.70	51.01 0.05 -2.03	45.49 -0.09 -1.58	41.02 0.00 -1.21	36.95 0.32 -0.98
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.26 1.29 0.00	33.40 1.10 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.30 1.90 -0.11	47.98 1.82 -0.65	47.96 1.95 -0.78	49.86 2.07 -0.85	51.15 2.03 -0.78	51.51 2.05 -0.76	55.89 2.22 -0.78	56.24 1.96 -1.29	59.11 2.33 -1.35	62.04 2.67 -1.22	68.79 2.84 -1.47	61.17 2.51 -0.26	60.69 2.43 -0.42	50.88 1.96 0.00	45.68 1.67 0.00	42.14 1.75 -0.58	37.36 1.35 -0.36
PEEKSKILL___ 23653	37.08 1.12 0.00	33.14 0.84 0.00	31.81 0.78 0.00	30.29 0.71 0.00	30.93 0.72 0.00	32.68 0.89 0.00	41.58 1.21 0.00	45.83 1.42 -0.12	47.52 1.27 -0.74	47.76 1.63 -0.89	49.41 1.50 -0.97	50.77 1.55 -0.89	51.03 1.46 -0.87	55.42 1.64 -0.90	55.95 1.48 -1.48	58.80 1.83 -1.54	61.70 2.15 -1.40	68.55 2.39 -1.68	60.68 1.99 -0.30	60.05 1.73 -0.48	50.36 1.37 -0.07	45.28 1.28 0.00	41.90 1.43 -0.66	37.27 1.21 -0.41
PGE MADISON___WINDPWR 24146	39.62 2.34 -1.32	35.22 1.91 -1.01	33.59 1.77 -0.79	31.96 1.63 -0.75	32.68 1.66 -0.81	35.22 2.03 -1.40	44.85 2.87 -1.62	50.89 3.37 -3.23	51.87 3.50 -2.86	50.74 3.17 -2.33	53.18 3.19 -3.05	54.75 3.43 -2.98	55.10 3.36 -3.04	58.91 3.49 -2.54	59.25 3.44 -2.82	61.88 3.60 -2.84	65.03 3.66 -3.22	72.80 4.58 -3.74	66.08 4.44 -3.25	65.84 4.69 -3.31	55.43 4.01 -2.49	49.02 3.08 -1.93	43.76 2.47 -1.48	38.92 2.07 -1.20

PIERCEFIELD___HYD 23852	36.97 0.65 -0.36	43.87 0.55 -11.02	36.75 0.53 -5.18	35.41 0.47 -5.35	38.87 0.48 -8.18	55.38 0.54 -23.06	75.10 0.81 -33.92	83.48 0.89 -38.30	83.82 1.00 -37.32	83.59 0.95 -37.40	84.20 0.94 -36.32	84.62 0.97 -35.31	66.46 1.02 -16.74	85.90 1.16 -31.85	62.97 1.27 -8.72	57.58 1.39 -0.76	68.25 1.28 -8.82	83.37 1.35 -17.54	86.74 1.05 -27.29	87.33 1.10 -28.39	84.51 0.83 -34.75	53.39 0.92 -8.46	48.95 0.80 -8.34	43.64 0.64 -7.35
PINELAWN_CC_1 323563	37.15 1.19 0.00	32.88 0.58 0.00	31.53 0.50 0.00	29.79 0.21 0.01	30.42 0.21 0.01	32.52 0.73 0.00	41.58 1.21 0.00	45.30 0.89 -0.12	46.65 0.59 -0.55	46.89 0.99 -0.66	47.23 0.42 0.13	47.71 0.43 1.07	47.45 0.34 1.59	47.40 0.47 5.96	50.35 0.32 2.96	50.68 0.67 5.42	55.34 0.75 3.56	67.01 0.84 -1.69	55.33 0.76 3.83	51.53 0.52 6.83	44.76 0.34 4.51	44.48 0.75 0.27	41.51 1.03 -0.66	37.24 1.17 -0.41
PJM_GEN_HTTP_PROXY 323702	37.37 1.40 0.00	33.40 1.10 0.00	32.03 0.99 0.00	30.50 0.92 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.90 1.53 0.00	46.19 1.77 -0.12	47.90 1.64 -0.75	48.18 2.04 -0.90	49.85 1.93 -0.98	51.22 1.98 -0.90	51.48 1.90 -0.89	55.91 2.12 -0.91	56.45 1.96 -1.50	59.37 2.38 -1.56	62.24 2.68 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.47 2.14 -0.48	50.70 1.71 -0.07	45.96 1.63 -0.32	41.99 1.83 -0.34	37.63 1.57 -0.41
PJM_GEN_KEystone 24065	36.80 0.86 0.03	33.03 0.84 0.11	31.41 0.59 0.22	30.08 0.62 0.13	30.70 0.64 0.15	32.61 0.73 -0.09	40.57 0.64 0.45	45.25 0.75 -0.21	46.50 0.73 -0.27	45.74 0.45 -0.05	47.91 0.61 -0.36	49.20 0.63 -0.23	49.57 0.59 -0.29	53.37 0.64 0.16	54.12 0.48 -0.65	56.24 0.22 -0.59	59.03 0.17 -0.71	65.22 0.00 -0.74	59.11 0.23 -0.48	59.01 0.52 -0.65	49.36 0.20 -0.24	44.45 0.18 -0.27	39.92 0.28 0.17	36.33 0.57 -0.12
PJM_GEN_NEPTUNE_PROXY 323594	36.86 0.90 0.00	32.69 0.39 0.00	31.35 0.31 0.00	29.67 0.09 0.01	30.29 0.09 0.01	32.29 0.51 0.00	41.26 0.89 0.00	44.98 0.57 -0.12	46.43 0.41 -0.51	46.66 0.82 -0.60	47.22 0.66 0.37	47.62 0.77 1.49	47.26 0.68 2.12	46.24 0.79 7.44	49.71 0.64 3.91	49.46 0.94 6.91	54.74 1.22 4.62	67.52 1.36 -1.69	54.68 0.99 4.71	50.20 0.75 8.40	43.93 0.49 5.48	44.53 0.53 0.01	40.94 0.80 -0.34	36.99 0.93 -0.41
PJM_GEN_VFT_PROXY 323633	27.68 1.26 9.54	24.70 0.94 8.54	23.31 0.84 8.57	23.31 0.77 7.04	23.31 0.78 7.69	24.37 0.99 8.40	24.14 1.37 17.60	25.63 1.59 20.25	26.16 1.36 20.71	25.91 1.81 21.14	26.45 1.64 22.13	26.49 1.69 23.54	27.18 1.60 23.12	28.75 1.85 25.99	34.49 1.64 20.14	35.85 2.05 21.63	38.93 2.38 21.60	40.52 2.64 26.60	42.46 2.10 18.04	42.46 1.85 17.23	35.68 1.42 14.66	31.25 1.41 14.16	28.64 1.67 12.85	27.62 1.43 9.46
PLATSBURG_115KV_PMLD1 355749	36.83 0.86 0.00	33.80 0.68 -0.82	32.01 0.59 -0.38	30.51 0.53 -0.39	31.39 0.57 -0.61	34.16 0.64 -1.74	43.14 0.20 -2.57	46.50 -0.66 -2.87	47.85 -0.46 -2.80	47.79 -0.27 -2.82	49.38 -0.28 -2.72	50.79 -0.19 -2.64	49.82 -0.10 -1.22	55.54 0.26 -2.39	54.28 0.69 -0.61	56.15 0.72 0.00	59.75 0.99 -0.61	67.10 1.35 -1.27	61.71 1.28 -2.02	61.05 1.10 -2.11	51.88 0.34 -2.61	44.97 0.35 -0.61	41.34 0.92 -0.61	36.86 0.68 -0.53
PLEASANTVLY___LBMP 24000	36.72 0.76 0.00	32.88 0.58 0.00	31.60 0.56 0.00	30.09 0.50 0.00	30.72 0.51 0.00	32.39 0.60 0.00	41.18 0.81 0.00	45.45 1.02 -0.14	47.25 0.91 -0.83	47.19 0.95 -1.00	49.06 1.03 -1.09	50.25 0.92 -1.00	50.61 0.93 -0.98	54.90 1.00 -1.01	55.49 0.85 -1.66	58.27 1.11 -1.73	61.05 1.34 -1.56	67.85 1.48 -1.89	59.96 1.23 -0.33	59.42 1.04 -0.53	49.75 0.83 0.00	44.84 0.84 0.00	41.63 1.07 -0.74	36.96 0.86 -0.46
PLSNTVLE_13_KV_13.8KVDIST 80602	37.26 1.29 0.00	33.33 1.03 0.00	32.00 0.96 0.00	30.47 0.89 0.00	31.12 0.91 0.00	32.87 1.08 0.00	41.86 1.49 0.00	46.23 1.82 -0.13	47.99 1.73 -0.76	48.00 1.85 -0.91	49.90 1.97 -0.99	51.08 1.84 -0.91	51.49 1.90 -0.89	55.86 2.06 -0.92	56.35 1.85 -1.51	59.22 2.22 -1.57	62.07 2.50 -1.43	68.97 2.77 -1.72	60.98 2.28 -0.30	60.41 2.08 -0.49	50.59 1.66 0.00	45.55 1.54 0.00	42.20 1.71 -0.67	37.45 1.39 -0.42
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.26 1.29 0.00	33.33 1.03 0.00	32.00 0.96 0.00	30.47 0.89 0.00	31.12 0.91 0.00	32.87 1.08 0.00	41.86 1.49 0.00	46.23 1.82 -0.13	47.99 1.73 -0.76	48.00 1.85 -0.91	49.90 1.97 -0.99	51.08 1.84 -0.91	51.49 1.90 -0.89	55.86 2.06 -0.92	56.35 1.85 -1.51	59.22 2.22 -1.57	62.07 2.50 -1.43	68.97 2.77 -1.72	60.98 2.28 -0.30	60.41 2.08 -0.49	50.59 1.66 0.00	45.55 1.54 0.00	42.20 1.71 -0.67	37.45 1.39 -0.42
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.01 1.04 0.00	33.14 0.84 0.00	31.84 0.81 0.00	30.27 0.68 0.00	30.91 0.69 0.00	32.61 0.83 0.00	41.50 1.13 0.00	45.62 1.37 0.04	46.49 1.23 0.25	46.21 1.27 0.30	47.83 1.22 0.33	49.15 1.11 0.30	49.57 1.17 0.29	53.90 1.32 0.30	53.60 1.11 0.50	56.35 1.44 0.52	59.36 1.69 0.47	65.78 1.87 0.57	59.99 1.69 0.10	59.30 1.62 0.16	50.24 1.32 0.00	45.33 1.32 0.00	41.03 1.43 0.22	36.65 1.14 0.14
POLETTI_____ 23519	27.14 1.29 10.12	25.24 0.94 7.99	25.27 0.87 6.63	25.21 0.74 5.12	25.21 0.76 5.76	25.21 0.95 7.53	25.21 1.21 16.37	25.30 1.02 20.01	27.10 0.82 19.23	27.16 0.90 18.98	30.57 1.03 17.40	33.82 0.87 15.39	34.19 0.88 15.38	36.35 1.00 17.54	37.62 0.85 16.22	39.62 1.16 16.98	40.54 1.45 19.06	47.53 1.81 18.75	39.51 1.34 20.23	38.89 1.16 20.11	29.02 0.78 20.68	26.64 1.19 18.55	26.64 1.71 14.88	26.60 1.39 10.44
POMONA___ESR 323819	37.12 1.15 0.00	33.17 0.87 0.00	31.81 0.78 0.00	30.29 0.71 0.00	30.97 0.76 0.00	32.71 0.92 0.00	41.54 1.17 0.00	45.79 1.37 -0.12	47.49 1.27 -0.71	47.68 1.58 -0.86	49.28 1.41 -0.94	50.64 1.45 -0.86	50.95 1.41 -0.84	55.33 1.59 -0.86	55.84 1.43 -1.42	58.69 1.77 -1.48	61.58 2.09 -1.34	68.42 2.32 -1.62	60.67 1.99 -0.28	60.10 1.80 -0.46	50.41 1.42 -0.06	45.33 1.32 0.00	41.92 1.47 -0.63	37.29 1.25 -0.39
PORT_JEFF_3 23555	36.94 0.97 0.00	32.62 0.32 0.00	31.32 0.28 0.00	29.52 -0.06 0.01	30.17 -0.03 0.01	32.29 0.51 0.00	41.38 1.01 0.00	45.03 0.62 -0.12	46.36 0.32 -0.53	46.55 0.68 -0.62	47.18 0.52 0.28	47.41 0.38 1.32	47.18 0.39 1.91	46.52 0.47 6.84	49.62 0.16 3.52	49.62 0.50 6.31	54.65 0.70 4.19	67.00 0.84 -1.69	54.57 0.52 4.35	50.37 0.29 7.76	44.18 0.34 5.09	44.05 0.35 0.31	41.19 0.72 -0.66	36.95 0.89 -0.41
PORT_JEFF_4 23616	36.94 0.97 0.00	32.62 0.32 0.00	31.32 0.28 0.00	29.52 -0.06 0.01	30.17 -0.03 0.01	32.29 0.51 0.00	41.38 1.01 0.00	45.03 0.62 -0.12	46.36 0.32 -0.53	46.55 0.68 -0.62	47.18 0.52 0.28	47.41 0.38 1.32	47.18 0.39 1.91	46.52 0.47 6.84	49.62 0.16 3.52	49.62 0.50 6.31	54.65 0.70 4.19	67.00 0.84 -1.69	54.57 0.52 4.35	50.37 0.29 7.76	44.18 0.34 5.09	44.05 0.35 0.31	41.19 0.72 -0.66	36.95 0.89 -0.41

PORT_JEFF_IC 23713	37.01 1.04 0.00	32.72 0.42 0.00	31.38 0.34 0.00	29.58 0.00 0.01	30.20 0.00 0.01	32.33 0.54 0.00	41.46 1.09 0.00	45.21 0.80 -0.12	46.54 0.50 -0.53	46.36 0.50 -0.63	47.32 0.66 0.27	47.46 0.44 1.31	47.19 0.39 1.90	46.60 0.53 6.81	49.74 0.26 3.51	49.76 0.61 6.28	54.79 0.81 4.17	67.07 0.90 -1.69	54.71 0.64 4.33	50.52 0.40 7.73	44.23 0.44 5.13	44.14 0.44 0.31	41.51 1.04 -0.66	37.02 0.96 -0.41
PPL PILGRIM_ST_GT1 24216	37.33 1.37 0.00	32.98 0.68 0.00	31.66 0.62 0.00	29.87 0.30 0.01	30.51 0.30 0.01	32.65 0.86 0.00	41.82 1.45 0.00	45.47 1.06 -0.12	46.81 0.77 -0.53	47.04 1.17 -0.63	47.67 0.99 0.25	48.12 1.06 1.28	47.82 0.97 1.86	47.35 1.16 6.70	50.56 1.00 3.43	50.60 1.33 6.16	55.74 1.69 4.09	68.04 1.87 -1.69	55.59 1.46 4.26	51.45 1.22 7.61	44.81 0.88 4.99	44.54 0.83 0.30	41.67 1.19 -0.66	37.38 1.32 -0.41
PPL PILGRIM_ST_GT2 24217	37.33 1.37 0.00	32.98 0.68 0.00	31.66 0.62 0.00	29.87 0.30 0.01	30.51 0.30 0.01	32.65 0.86 0.00	41.82 1.45 0.00	45.47 1.06 -0.12	46.81 0.77 -0.53	47.04 1.17 -0.63	47.67 0.99 0.25	48.12 1.06 1.28	47.82 0.97 1.86	47.35 1.16 6.70	50.56 1.00 3.43	50.60 1.33 6.16	55.74 1.69 4.09	68.04 1.87 -1.69	55.59 1.46 4.26	51.45 1.22 7.61	44.81 0.88 4.99	44.54 0.83 0.30	41.67 1.19 -0.66	37.38 1.32 -0.41
PPL_SHRM_GT3 24213	36.61 0.65 0.00	32.30 0.00 0.00	31.01 -0.03 0.00	29.19 -0.39 0.01	29.84 -0.36 0.01	31.95 0.16 0.00	40.98 0.61 0.00	44.63 0.22 -0.12	45.90 -0.14 -0.53	46.09 0.23 -0.63	46.71 0.05 0.27	47.03 0.00 1.31	46.70 -0.10 1.90	46.06 0.00 6.83	49.26 -0.21 3.51	49.25 0.11 6.29	54.37 0.41 4.18	66.68 0.51 -1.69	54.29 0.23 4.34	50.10 0.00 7.75	43.75 -0.10 5.08	43.57 -0.13 0.31	40.75 0.28 -0.66	36.56 0.50 -0.41
PPL_SHRM_GT4 24214	36.61 0.65 0.00	32.30 0.00 0.00	31.01 -0.03 0.00	29.19 -0.39 0.01	29.84 -0.36 0.01	31.95 0.16 0.00	40.98 0.61 0.00	44.63 0.22 -0.12	45.90 -0.14 -0.53	46.09 0.23 -0.63	46.71 0.05 0.27	47.03 0.00 1.31	46.70 -0.10 1.90	46.06 0.00 6.83	49.26 -0.21 3.51	49.25 0.11 6.29	54.37 0.41 4.18	66.68 0.51 -1.69	54.29 0.23 4.34	50.10 0.00 7.75	43.75 -0.10 5.08	43.57 -0.13 0.31	40.75 0.28 -0.66	36.56 0.50 -0.41
PROJECT___ORANGE 1 24174	37.80 0.07 -1.77	34.06 0.10 -1.67	32.27 0.03 -1.20	30.80 0.06 -1.16	31.58 0.06 -1.31	34.39 0.06 -2.54	43.56 0.04 -3.15	49.85 0.13 -5.42	50.55 0.14 -4.90	49.59 0.14 -4.21	52.25 0.19 -5.13	53.55 0.24 -4.97	53.45 0.24 -4.50	57.38 0.21 -4.28	57.12 0.16 -3.98	59.26 0.06 -3.77	62.54 -0.12 -4.51	69.67 -0.26 -5.45	63.42 -0.06 -5.08	63.04 0.00 -5.20	53.23 0.00 -4.31	46.76 -0.04 -2.79	41.93 -0.08 -2.20	37.37 -0.07 -1.80
PROJECT___ORANGE 2 24166	37.80 0.07 -1.77	34.06 0.10 -1.67	32.27 0.03 -1.20	30.80 0.06 -1.16	31.58 0.06 -1.31	34.39 0.06 -2.54	43.56 0.04 -3.15	49.85 0.13 -5.42	50.55 0.14 -4.90	49.59 0.14 -4.21	52.25 0.19 -5.13	53.55 0.24 -4.97	53.45 0.24 -4.50	57.38 0.21 -4.28	57.12 0.16 -3.98	59.26 0.06 -3.77	62.54 -0.12 -4.51	69.67 -0.26 -5.45	63.42 -0.06 -5.08	63.04 0.00 -5.20	53.23 0.00 -4.31	46.76 -0.04 -2.79	41.93 -0.08 -2.20	37.37 -0.07 -1.80
PUCKETT___SOLAR 323809	38.30 1.08 -1.26	34.26 1.00 -0.96	32.65 0.87 -0.75	31.16 0.86 -0.72	31.82 0.84 -0.77	34.11 0.99 -1.33	43.12 1.21 -1.54	48.87 1.51 -3.08	49.82 1.59 -2.72	48.78 1.31 -2.22	51.25 1.41 -2.90	52.53 1.35 -2.84	52.96 1.36 -2.90	56.73 1.43 -2.42	57.00 1.33 -2.69	59.36 1.22 -2.71	62.44 1.22 -3.07	69.39 1.36 -3.56	63.00 1.52 -3.08	62.78 1.80 -3.14	52.71 1.42 -2.37	46.94 1.10 -1.83	42.14 0.92 -1.41	37.72 0.93 -1.14
PYRITES___HYD 24023	37.38 1.08 -0.33	44.88 0.94 -11.64	37.37 0.87 -5.46	36.02 0.80 -5.64	39.66 0.82 -8.63	57.12 0.95 -24.37	77.62 1.37 -35.88	86.26 1.51 -40.46	86.53 1.59 -39.43	86.22 1.45 -39.54	86.72 1.41 -38.37	87.05 1.40 -37.31	67.73 1.41 -17.62	88.13 1.59 -33.66	63.87 1.75 -9.14	58.08 1.94 -0.71	69.36 1.98 -9.23	85.37 2.45 -18.45	89.30 2.10 -28.80	89.94 2.14 -29.96	87.36 1.71 -36.73	54.44 1.54 -8.90	49.87 1.27 -8.78	44.42 1.03 -7.74
QUAKERRD_115KV_BK1 80622	36.76 -0.22 -1.01	33.01 -0.06 -0.78	31.45 -0.19 -0.60	30.04 -0.12 -0.58	30.65 -0.18 -0.62	32.77 -0.10 -1.08	41.41 -0.20 -1.24	46.64 -0.13 -2.48	47.39 -0.32 -2.20	46.63 -0.41 -1.79	48.95 -0.33 -2.34	50.47 -0.15 -2.28	50.83 -0.19 -2.32	54.56 -0.26 -1.94	54.77 -0.37 -2.16	56.77 -0.83 -2.17	59.39 -1.22 -2.46	65.92 -1.42 -2.86	60.00 -0.88 -2.48	59.73 -0.64 -2.53	50.29 -0.54 -1.90	45.00 -0.48 -1.47	40.43 -0.52 -1.13	36.17 -0.39 -0.92
QUENSBRY_115KV_TB8 356137	36.83 0.86 0.00	33.14 0.84 0.00	31.88 0.84 0.00	30.35 0.77 0.00	31.06 0.85 0.00	32.65 0.86 0.00	41.58 1.21 0.00	45.61 1.42 0.10	46.21 1.32 0.62	45.90 1.40 0.75	47.35 1.22 0.81	48.76 1.16 0.74	48.99 1.02 0.73	53.30 1.16 0.75	53.02 1.27 1.24	55.58 1.44 1.29	63.73 1.57 -4.01	73.77 1.81 -7.49	68.99 1.93 -8.66	64.48 1.74 -4.91	50.54 1.61 0.00	45.55 1.54 0.00	40.58 1.31 0.55	36.34 1.03 0.34
RAMAPO___LBMP 323565	36.97 1.01 0.00	33.08 0.78 0.00	31.72 0.68 0.00	30.21 0.62 0.00	30.88 0.66 0.00	32.58 0.79 0.00	41.38 1.01 0.00	45.69 1.28 -0.12	47.35 1.14 -0.70	47.31 1.22 -0.85	49.18 1.31 -0.92	50.34 1.16 -0.84	50.75 1.22 -0.83	55.06 1.32 -0.85	55.50 1.11 -1.40	58.34 1.44 -1.46	61.22 1.74 -1.33	68.01 1.93 -1.60	60.31 1.64 -0.28	59.74 1.45 -0.45	50.05 1.13 0.00	45.11 1.10 0.00	41.75 1.31 -0.62	37.07 1.03 -0.39
RANKINE____ 23646	38.48 1.44 -1.08	34.71 1.58 -0.82	32.76 1.09 -0.64	31.47 1.27 -0.61	32.05 1.18 -0.66	34.27 1.34 -1.14	42.86 1.17 -1.32	47.99 1.06 -2.64	48.70 0.86 -2.33	47.60 0.45 -1.91	50.04 0.61 -2.49	51.83 1.06 -2.42	52.05 0.88 -2.47	55.74 0.79 -2.06	55.97 0.69 -2.29	57.46 -0.28 -2.31	59.83 -0.93 -2.62	66.04 -1.48 -3.04	60.51 -0.53 -2.64	60.53 0.00 -2.69	51.04 0.10 -2.02	45.62 0.04 -1.57	41.14 0.12 -1.20	37.20 0.57 -0.98
RAVENSWOOD_GT2_1 24244	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.94 1.68 -0.75	47.95 1.81 -0.90	49.85 1.92 -0.99	51.08 1.84 -0.90	51.44 1.85 -0.89	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.12 2.56 -1.41	68.96 2.77 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.35 1.87 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT2_2 24245	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.94 1.68 -0.75	47.95 1.81 -0.90	49.85 1.92 -0.99	51.08 1.84 -0.90	51.44 1.85 -0.89	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.12 2.56 -1.41	68.96 2.77 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.35 1.87 -0.67	37.63 1.57 -0.41

RAVENSWOOD_GT2_3 24246	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.99 1.73 -0.75	48.00 1.85 -0.90	49.90 1.97 -0.99	51.12 1.89 -0.90	51.49 1.90 -0.89	55.91 2.12 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	69.02 2.84 -1.71	61.09 2.39 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.68 1.67 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT2_4 24247	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.99 1.73 -0.75	48.00 1.85 -0.90	49.90 1.97 -0.99	51.12 1.89 -0.90	51.49 1.90 -0.89	55.91 2.12 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	69.02 2.84 -1.71	61.09 2.39 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.68 1.67 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT3_1 24248	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.94 1.68 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.08 1.84 -0.90	51.44 1.85 -0.89	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.12 2.56 -1.41	68.96 2.77 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT3_2 24249	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.94 1.68 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.08 1.84 -0.90	51.44 1.85 -0.89	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.12 2.56 -1.41	68.96 2.77 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT3_3 24250	37.48 1.51 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.56 0.98 0.00	31.21 1.00 0.00	33.00 1.21 0.00	41.99 1.61 0.00	46.37 1.95 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.99 2.07 -0.99	51.17 1.93 -0.90	51.53 1.95 -0.89	55.96 2.17 -0.91	56.44 1.96 -1.50	59.38 2.38 -1.56	62.24 2.67 -1.41	69.09 2.90 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.64 1.71 0.00	45.72 1.72 0.00	42.43 1.95 -0.67	37.66 1.60 -0.41
RAVENSWOOD_GT3_4 24251	37.48 1.51 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.56 0.98 0.00	31.21 1.00 0.00	33.00 1.21 0.00	41.99 1.61 0.00	46.37 1.95 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.99 2.07 -0.99	51.17 1.93 -0.90	51.53 1.95 -0.89	55.96 2.17 -0.91	56.44 1.96 -1.50	59.38 2.38 -1.56	62.24 2.67 -1.41	69.09 2.90 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.64 1.71 0.00	45.72 1.72 0.00	42.43 1.95 -0.67	37.66 1.60 -0.41
RAVENSWOOD_GT_1 23729	37.55 1.58 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.56 0.98 0.00	31.21 1.00 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.14 1.73 -0.12	47.81 1.55 -0.75	47.77 1.63 -0.90	49.71 1.78 -0.99	50.88 1.64 -0.89	51.24 1.66 -0.88	55.64 1.85 -0.90	56.13 1.64 -1.50	59.04 2.05 -1.56	61.89 2.33 -1.41	68.76 2.58 -1.71	60.80 2.10 -0.30	60.18 1.85 -0.48	50.34 1.42 0.00	45.59 1.58 0.00	42.43 1.95 -0.67	37.70 1.64 -0.41
RAVENSWOOD_GT_10 24258	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.99 1.73 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.12 1.89 -0.90	51.48 1.90 -0.88	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	69.02 2.84 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT_11 24259	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.99 1.73 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.12 1.89 -0.90	51.48 1.90 -0.88	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	69.02 2.84 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT_4 24252	37.40 1.44 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.32 1.90 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.94 2.02 -0.98	51.17 1.93 -0.90	51.53 1.95 -0.88	55.96 2.17 -0.90	56.44 1.96 -1.50	59.37 2.38 -1.56	62.24 2.67 -1.41	69.09 2.90 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.59 1.66 0.00	45.68 1.67 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT_5 24254	37.40 1.44 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.32 1.90 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.94 2.02 -0.98	51.17 1.93 -0.90	51.53 1.95 -0.88	55.96 2.17 -0.90	56.44 1.96 -1.50	59.37 2.38 -1.56	62.24 2.67 -1.41	69.09 2.90 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.59 1.66 0.00	45.68 1.67 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT_6 24253	37.40 1.44 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.32 1.90 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.94 2.02 -0.98	51.17 1.93 -0.90	51.53 1.95 -0.88	55.96 2.17 -0.90	56.44 1.96 -1.50	59.37 2.38 -1.56	62.24 2.67 -1.41	69.09 2.90 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.59 1.66 0.00	45.68 1.67 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT_7 24255	37.40 1.44 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.94 1.57 0.00	46.32 1.90 -0.12	48.03 1.77 -0.75	48.04 1.90 -0.90	49.94 2.02 -0.98	51.17 1.93 -0.90	51.53 1.95 -0.88	55.96 2.17 -0.90	56.44 1.96 -1.50	59.37 2.38 -1.56	62.24 2.67 -1.41	69.09 2.90 -1.71	61.15 2.45 -0.30	60.52 2.20 -0.48	50.59 1.66 0.00	45.68 1.67 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.99 1.73 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.12 1.89 -0.90	51.48 1.90 -0.88	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	69.02 2.84 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41
RAVENSWOOD_GT_9 24257	37.44 1.47 0.00	33.46 1.16 0.00	32.09 1.06 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.28 1.86 -0.12	47.99 1.73 -0.75	47.95 1.81 -0.90	49.90 1.97 -0.99	51.12 1.89 -0.89	51.48 1.90 -0.88	55.86 2.06 -0.91	56.34 1.85 -1.50	59.26 2.27 -1.56	62.18 2.62 -1.41	69.02 2.84 -1.71	61.03 2.34 -0.30	60.41 2.08 -0.48	50.54 1.61 0.00	45.63 1.63 0.00	42.39 1.91 -0.67	37.63 1.57 -0.41

RAVENSWOOD___1 23533	37.51 1.55 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.93 1.14 0.00	41.90 1.53 0.00	46.01 1.59 -0.12	47.67 1.41 -0.75	48.00 1.86 -0.90	49.57 1.64 -0.99	50.92 1.69 -0.89	51.18 1.60 -0.88	55.64 1.85 -0.90	56.12 1.64 -1.49	59.04 2.05 -1.55	61.94 2.38 -1.41	68.82 2.64 -1.70	60.85 2.16 -0.29	60.17 1.85 -0.47	50.45 1.47 -0.06	45.55 1.54 0.00	42.39 1.91 -0.67	37.70 1.64 -0.41
RAVENSWOOD___2 23534	37.44 1.48 0.00	33.33 1.03 0.00	32.00 0.96 0.00	30.44 0.86 0.00	31.09 0.88 0.00	32.87 1.08 0.00	41.78 1.41 0.00	45.92 1.51 -0.12	47.58 1.32 -0.75	47.86 1.72 -0.90	49.24 1.31 -0.99	50.58 1.35 -0.89	50.84 1.26 -0.88	55.22 1.43 -0.90	55.64 1.16 -1.49	58.54 1.55 -1.55	61.47 1.92 -1.41	68.24 2.06 -1.70	60.32 1.63 -0.29	59.65 1.33 -0.47	50.11 1.13 -0.06	45.46 1.45 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41
RAVENSWOOD___3 23535	37.44 1.48 0.00	33.40 1.10 0.00	32.06 1.02 0.00	30.53 0.95 0.00	31.18 0.97 0.00	32.93 1.14 0.00	41.94 1.57 0.00	46.19 1.77 -0.12	47.90 1.64 -0.75	48.18 2.04 -0.90	49.80 1.88 -0.99	51.22 1.98 -0.90	51.44 1.85 -0.89	55.91 2.12 -0.91	56.39 1.90 -1.50	59.32 2.33 -1.56	62.24 2.68 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.47 2.14 -0.48	50.70 1.71 -0.07	45.64 1.63 0.00	42.35 1.87 -0.67	37.67 1.61 -0.41
RAVENSWOOD___4 23820	37.51 1.55 0.00	33.40 1.10 0.00	32.03 0.99 0.00	30.50 0.92 0.00	31.15 0.94 0.00	32.90 1.11 0.00	41.86 1.49 0.00	45.97 1.55 -0.12	47.62 1.36 -0.75	47.95 1.81 -0.90	49.52 1.60 -0.99	50.92 1.69 -0.89	51.14 1.56 -0.88	55.59 1.80 -0.90	56.06 1.59 -1.49	58.98 1.99 -1.55	61.94 2.38 -1.41	68.76 2.58 -1.70	60.79 2.10 -0.29	60.17 1.85 -0.47	50.40 1.42 -0.06	45.55 1.54 0.00	42.35 1.87 -0.67	37.67 1.61 -0.41
RCPL_TRUST___DRP 24196	37.44 1.47 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.56 0.98 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.99 1.61 0.00	46.37 1.95 -0.12	48.08 1.82 -0.75	48.09 1.95 -0.90	50.04 2.11 -0.98	51.27 2.03 -0.90	51.58 2.00 -0.89	56.02 2.22 -0.91	56.50 2.01 -1.50	59.43 2.44 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.21 2.51 -0.30	60.52 2.20 -0.48	50.64 1.71 0.00	45.72 1.72 0.00	42.39 1.91 -0.67	37.66 1.60 -0.41
RED___ROCHESTER 323720	37.98 1.01 -1.01	34.20 1.13 -0.77	32.54 0.90 -0.60	31.05 0.89 -0.57	31.67 0.84 -0.62	33.85 0.99 -1.07	42.78 1.17 -1.24	48.22 1.46 -2.47	49.15 1.46 -2.18	48.07 1.04 -1.79	50.73 1.46 -2.33	52.11 1.50 -2.27	52.62 1.60 -2.31	56.55 1.74 -1.93	56.67 1.54 -2.15	58.64 1.05 -2.16	61.23 0.64 -2.45	67.82 0.51 -2.83	61.85 0.99 -2.46	61.68 1.33 -2.50	51.84 1.03 -1.88	46.39 0.93 -1.46	41.69 0.75 -1.12	37.45 0.89 -0.91
REGAN___SOLAR 323812	37.87 1.90 0.00	33.98 1.68 0.00	32.68 1.64 0.00	31.12 1.54 0.00	31.84 1.63 0.00	33.60 1.81 0.00	42.96 2.59 0.00	47.10 2.88 0.07	47.65 2.55 0.40	47.15 2.40 0.48	48.29 1.88 0.53	49.84 1.98 0.48	50.18 1.95 0.47	54.62 2.22 0.49	54.57 2.39 0.80	57.42 2.83 0.84	60.47 3.08 0.76	67.37 3.80 0.91	61.98 3.74 0.16	61.23 3.65 0.26	52.12 3.23 0.04	46.82 2.82 0.00	41.93 2.47 0.36	37.49 2.07 0.22
RENSSELAER___COGEN 23796	35.35 -0.61 0.00	31.72 -0.58 0.00	30.54 -0.50 0.00	29.11 -0.47 0.00	29.79 -0.42 0.00	31.37 -0.41 0.00	39.77 -0.60 0.00	43.59 -0.62 0.08	44.41 -0.59 0.50	44.14 -0.50 0.60	45.53 -0.75 0.66	46.96 -0.78 0.60	47.23 -0.88 0.59	51.33 -0.95 0.61	51.03 -0.95 1.00	53.56 -0.83 1.05	49.99 -0.76 7.40	51.42 -0.84 12.22	46.35 -0.76 11.29	49.93 -0.98 6.93	48.19 -0.68 0.04	43.39 -0.62 0.00	39.01 -0.36 0.45	35.02 -0.36 0.28
REPUBLIC_115KV_BARTNBRK 55605	38.45 2.48 0.00	34.53 2.23 0.00	33.21 2.17 0.00	31.60 2.01 0.00	32.33 2.11 0.00	34.08 2.29 0.00	43.60 3.23 0.00	47.73 3.54 0.10	48.29 3.41 0.63	48.01 3.53 0.76	49.35 3.24 0.83	50.82 3.24 0.75	50.98 3.02 0.74	55.46 3.33 0.76	55.28 3.55 1.26	57.95 3.82 1.31	66.43 4.07 -4.21	76.95 4.64 -7.84	72.22 4.79 -9.03	67.59 4.63 -5.12	53.08 4.16 0.00	47.70 3.70 0.00	42.40 3.15 0.56	37.91 2.60 0.35
REVERE_CPPR_DRP 24186	37.84 1.11 -0.76	34.79 0.94 -1.55	32.84 0.90 -0.90	31.31 0.83 -0.90	32.21 0.82 -1.18	35.70 1.05 -2.86	45.83 1.49 -3.97	51.36 1.82 -5.25	52.38 1.91 -4.96	51.68 1.76 -4.68	53.69 1.78 -4.97	55.01 1.84 -4.83	53.77 1.90 -3.18	59.17 2.01 -4.27	57.33 2.01 -2.33	59.16 2.11 -1.62	62.80 2.09 -2.56	70.69 2.58 -3.63	65.10 2.45 -4.24	64.71 2.49 -4.38	55.59 2.15 -4.51	47.45 1.63 -1.82	42.65 1.27 -1.56	38.03 1.07 -1.31
REYNLDPA_13_KV_LD 356490	36.29 0.32 0.00	30.96 0.29 1.63	30.56 0.28 0.75	29.07 0.27 0.78	29.28 0.27 1.21	28.60 0.25 3.44	35.66 0.36 5.08	39.02 0.40 5.67	40.42 0.46 5.54	40.07 0.41 5.57	42.07 0.52 5.38	43.64 0.53 5.23	46.82 0.54 2.41	48.74 0.58 4.73	52.47 0.69 1.21	56.10 0.67 0.00	57.64 0.70 1.21	62.80 0.84 2.52	55.14 0.76 4.02	54.41 0.75 4.19	44.28 0.54 5.19	43.37 0.57 1.21	39.04 0.44 1.21	34.93 0.36 1.07
REYNOLDS_115KV_TB3 80639	35.79 -0.18 0.00	32.14 -0.16 0.00	30.91 -0.12 0.00	29.50 -0.09 0.00	30.15 -0.06 0.00	31.72 -0.06 0.00	40.29 -0.08 0.00	44.15 -0.04 0.10	44.85 -0.05 0.62	44.46 -0.05 0.74	45.99 -0.14 0.81	47.36 -0.24 0.74	47.73 -0.24 0.73	51.88 -0.26 0.74	51.44 -0.32 1.23	53.93 -0.22 1.28	48.58 -0.12 9.45	48.71 -0.13 15.63	43.78 -0.12 14.50	48.61 -0.35 8.88	48.73 -0.20 0.00	43.92 -0.09 0.00	39.35 0.08 0.55	35.45 0.14 0.34
RIVERBAY____ 323610	38.06 2.09 -0.01	33.99 1.68 -0.01	32.60 1.55 -0.01	31.01 1.42 -0.01	31.67 1.45 -0.01	33.45 1.65 -0.01	42.47 2.10 0.00	46.41 1.99 -0.12	47.99 1.73 -0.75	47.95 1.81 -0.90	49.85 1.92 -0.99	51.02 1.79 -0.89	51.38 1.80 -0.88	55.80 2.01 -0.90	56.34 1.85 -1.50	59.26 2.27 -1.55	62.18 2.62 -1.41	69.15 2.97 -1.71	61.15 2.45 -0.30	60.58 2.26 -0.48	50.68 1.76 0.00	46.07 2.07 0.00	43.04 2.55 -0.67	38.21 2.14 -0.42
RIVERSDE_115KV_TB3 55908	35.64 -0.32 0.00	31.98 -0.32 0.00	30.79 -0.25 0.00	29.35 -0.24 0.00	30.03 -0.18 0.00	31.63 -0.16 0.00	40.13 -0.24 0.00	43.98 -0.22 0.09	44.76 -0.18 0.56	44.34 -0.23 0.68	45.87 -0.33 0.74	47.28 -0.39 0.67	47.60 -0.44 0.66	51.73 -0.48 0.68	51.39 -0.48 1.12	53.87 -0.39 1.17	49.63 -0.35 8.17	50.61 -0.39 13.48	45.60 -0.35 12.45	49.69 -0.52 7.64	48.58 -0.34 0.00	43.74 -0.26 0.00	39.27 -0.04 0.50	35.38 0.04 0.31
ROARING___BROOK_WT_PWR 323790	35.35 -0.61 0.00	31.48 -0.55 0.27	30.39 -0.53 0.12	28.93 -0.53 0.13	29.44 -0.57 0.20	30.59 -0.64 0.57	38.77 -0.77 0.84	42.51 -0.84 0.93	43.73 -0.87 0.91	43.55 -0.77 0.92	45.30 -0.75 0.89	46.80 -0.68 0.86	47.72 -0.58 0.40	51.53 -0.58 0.78	52.26 -0.53 0.20	54.99 -0.45 0.00	57.54 -0.40 0.20	63.67 -0.38 0.42	57.44 -0.29 0.67	56.80 -0.34 0.69	47.72 -0.34 0.86	43.50 -0.31 0.20	39.29 -0.32 0.20	35.15 -0.32 0.18

ROCHESRG_115KV_T4 355643	37.60 0.65 -0.98	33.76 0.71 -0.75	32.18 0.56 -0.59	30.74 0.59 -0.56	31.36 0.54 -0.60	33.47 0.64 -1.05	42.26 0.69 -1.21	47.45 0.75 -2.41	48.23 0.59 -2.13	47.39 0.41 -1.74	49.78 0.56 -2.27	51.37 0.82 -2.21	51.73 0.78 -2.25	55.50 0.74 -1.88	55.71 0.64 -2.09	57.70 0.17 -2.11	60.30 -0.23 -2.39	66.86 -0.39 -2.77	60.92 0.12 -2.41	60.70 0.40 -2.45	51.16 0.39 -1.85	45.79 0.35 -1.43	41.15 0.24 -1.10	36.90 0.36 -0.89
ROCHESTER_9_IC 23652	37.80 0.83 -1.01	33.98 0.90 -0.77	32.35 0.71 -0.60	30.93 0.77 -0.57	31.52 0.69 -0.62	33.69 0.83 -1.07	42.58 0.97 -1.24	47.87 1.11 -2.47	48.60 0.91 -2.18	47.80 0.77 -1.79	50.16 0.89 -2.33	51.81 1.21 -2.27	52.13 1.12 -2.31	55.92 1.11 -1.93	56.14 1.01 -2.15	58.15 0.55 -2.16	60.71 0.12 -2.45	67.39 0.06 -2.84	61.39 0.53 -2.47	61.17 0.81 -2.51	51.55 0.73 -1.89	46.13 0.66 -1.47	41.46 0.52 -1.12	37.13 0.57 -0.91
ROCKVIEW_13_KV_LD 356306	37.37 1.40 0.00	33.43 1.13 0.00	32.06 1.02 0.00	30.50 0.92 0.00	31.15 0.94 0.00	32.93 1.14 0.00	41.99 1.61 0.00	46.37 1.95 -0.12	48.08 1.82 -0.75	48.09 1.95 -0.90	50.04 2.11 -0.99	51.27 2.03 -0.90	51.63 2.05 -0.89	56.02 2.22 -0.91	56.50 2.01 -1.50	59.38 2.38 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.21 2.51 -0.30	60.58 2.26 -0.48	50.68 1.76 0.00	45.72 1.72 0.00	42.35 1.87 -0.67	37.56 1.50 -0.41
ROME____115KV_TB2 80656	37.84 1.11 -0.76	34.79 0.94 -1.55	32.84 0.90 -0.90	31.31 0.83 -0.90	32.21 0.82 -1.18	35.70 1.05 -2.86	45.83 1.49 -3.97	51.36 1.82 -5.25	52.38 1.91 -4.96	51.68 1.76 -4.68	53.69 1.78 -4.97	55.01 1.84 -4.83	53.77 1.90 -3.18	59.17 2.01 -4.27	57.33 2.01 -2.33	59.16 2.11 -1.62	62.80 2.09 -2.56	70.69 2.58 -3.63	65.10 2.45 -4.24	64.71 2.49 -4.38	55.59 2.15 -4.51	47.45 1.63 -1.82	42.65 1.27 -1.56	38.03 1.07 -1.31
ROSETON___1 23587	36.68 0.72 0.00	32.85 0.55 0.00	31.56 0.53 0.00	30.06 0.47 0.00	30.72 0.51 0.00	32.39 0.60 0.00	41.18 0.81 0.00	45.34 0.93 -0.12	46.98 0.77 -0.70	47.17 1.08 -0.84	48.80 0.94 -0.92	50.14 0.97 -0.84	50.40 0.88 -0.83	54.69 0.95 -0.85	55.18 0.80 -1.40	57.99 1.11 -1.46	60.80 1.34 -1.32	67.55 1.48 -1.59	59.84 1.17 -0.28	59.27 0.98 -0.45	49.87 0.88 -0.06	44.84 0.83 0.00	41.47 1.03 -0.62	36.89 0.85 -0.38
ROSETON___2 23588	36.68 0.72 0.00	32.85 0.55 0.00	31.56 0.53 0.00	30.06 0.47 0.00	30.72 0.51 0.00	32.39 0.60 0.00	41.18 0.81 0.00	45.34 0.93 -0.12	46.98 0.77 -0.70	47.17 1.08 -0.84	48.80 0.94 -0.92	50.14 0.97 -0.84	50.40 0.88 -0.83	54.69 0.95 -0.85	55.18 0.80 -1.40	57.99 1.11 -1.46	60.80 1.34 -1.32	67.55 1.48 -1.59	59.84 1.17 -0.28	59.27 0.98 -0.45	49.87 0.88 -0.06	44.84 0.83 0.00	41.47 1.03 -0.62	36.89 0.85 -0.38
ROTRDAM_115KV_TB3 80664	36.47 0.50 0.00	32.75 0.45 0.00	31.53 0.50 0.00	30.03 0.44 0.00	30.69 0.48 0.00	32.26 0.48 0.00	41.06 0.69 0.00	45.01 0.80 0.08	45.72 0.68 0.47	45.40 0.72 0.56	46.98 0.66 0.62	48.41 0.63 0.56	48.73 0.58 0.55	53.01 0.69 0.57	52.69 0.64 0.94	55.23 0.78 0.98	59.70 0.87 -0.69	67.14 1.03 -1.63	61.84 0.93 -2.51	59.96 0.81 -1.31	49.71 0.78 0.00	44.75 0.75 0.00	40.15 0.76 0.42	36.00 0.61 0.26
RUSSELL___1 23602	37.98 1.01 -1.01	34.11 1.03 -0.77	32.51 0.87 -0.60	31.05 0.89 -0.57	31.67 0.85 -0.62	33.84 0.99 -1.07	42.78 1.17 -1.24	48.09 1.33 -2.47	48.83 1.14 -2.18	48.02 1.00 -1.79	50.44 1.17 -2.33	52.10 1.50 -2.27	52.42 1.41 -2.31	56.29 1.48 -1.93	56.51 1.38 -2.15	58.42 0.83 -2.16	61.00 0.41 -2.45	67.77 0.45 -2.84	61.68 0.82 -2.47	61.51 1.16 -2.51	51.84 1.03 -1.89	46.40 0.92 -1.47	41.69 0.76 -1.12	37.31 0.75 -0.91
RUSSELL___2 23532	37.98 1.01 -1.01	34.11 1.03 -0.77	32.51 0.87 -0.60	31.05 0.89 -0.57	31.67 0.85 -0.62	33.84 0.99 -1.07	42.78 1.17 -1.24	48.09 1.33 -2.47	48.83 1.14 -2.18	48.02 1.00 -1.79	50.44 1.17 -2.33	52.10 1.50 -2.27	52.42 1.41 -2.31	56.29 1.48 -1.93	56.51 1.38 -2.15	58.42 0.83 -2.16	61.00 0.41 -2.45	67.77 0.45 -2.84	61.68 0.82 -2.47	61.51 1.16 -2.51	51.84 1.03 -1.89	46.40 0.92 -1.47	41.69 0.76 -1.12	37.31 0.75 -0.91
RUSSELL___3 23549	37.98 1.01 -1.01	34.11 1.03 -0.77	32.51 0.87 -0.60	31.05 0.89 -0.57	31.67 0.85 -0.62	33.84 0.99 -1.07	42.78 1.17 -1.24	48.09 1.33 -2.47	48.83 1.14 -2.18	48.02 1.00 -1.79	50.44 1.17 -2.33	52.10 1.50 -2.27	52.42 1.41 -2.31	56.29 1.48 -1.93	56.51 1.38 -2.15	58.42 0.83 -2.16	61.00 0.41 -2.45	67.77 0.45 -2.84	61.68 0.82 -2.47	61.51 1.16 -2.51	51.84 1.03 -1.89	46.40 0.92 -1.47	41.69 0.76 -1.12	37.31 0.75 -0.91
RUSSELL___4 23556	37.98 1.01 -1.01	34.11 1.03 -0.77	32.51 0.87 -0.60	31.05 0.89 -0.57	31.67 0.85 -0.62	33.84 0.99 -1.07	42.78 1.17 -1.24	48.09 1.33 -2.47	48.83 1.14 -2.18	48.02 1.00 -1.79	50.44 1.17 -2.33	52.10 1.50 -2.27	52.42 1.41 -2.31	56.29 1.48 -1.93	56.51 1.38 -2.15	58.42 0.83 -2.16	61.00 0.41 -2.45	67.77 0.45 -2.84	61.68 0.82 -2.47	61.51 1.16 -2.51	51.84 1.03 -1.89	46.40 0.92 -1.47	41.69 0.76 -1.12	37.31 0.75 -0.91
RUSSELL__STATION 23914	37.98 1.01 -1.01	34.11 1.03 -0.77	32.51 0.87 -0.60	31.05 0.89 -0.57	31.67 0.85 -0.62	33.84 0.99 -1.07	42.78 1.17 -1.24	48.09 1.33 -2.47	48.83 1.14 -2.18	48.02 1.00 -1.79	50.44 1.17 -2.33	52.10 1.50 -2.27	52.42 1.41 -2.31	56.29 1.48 -1.93	56.51 1.38 -2.15	58.42 0.83 -2.16	61.00 0.41 -2.45	67.77 0.45 -2.84	61.68 0.82 -2.47	61.51 1.16 -2.51	51.84 1.03 -1.89	46.40 0.92 -1.47	41.69 0.76 -1.12	37.31 0.75 -0.91
S SALMON__HYD 24043	38.70 0.40 -2.33	35.61 0.32 -2.99	33.26 0.28 -1.95	31.73 0.24 -1.90	32.77 0.24 -2.31	37.18 0.38 -5.01	47.54 0.56 -6.61	54.94 0.75 -9.90	55.47 0.82 -9.14	54.12 0.63 -8.24	56.96 0.66 -9.36	58.00 0.58 -9.08	56.44 0.63 -7.10	61.44 0.64 -7.92	59.40 0.58 -5.83	61.02 0.61 -4.98	65.14 0.46 -6.53	74.18 0.13 -9.58	68.19 0.29 -9.50	68.04 0.46 -9.73	57.96 0.39 -8.65	49.20 0.31 -4.88	43.86 0.12 -3.92	39.07 0.18 -3.25
S.PERRY__115KV_TB1 80734	39.30 2.12 -1.21	35.26 2.03 -0.93	33.50 1.74 -0.72	32.05 1.78 -0.69	32.70 1.75 -0.74	35.08 2.00 -1.29	44.40 2.54 -1.49	50.09 2.83 -2.97	50.50 2.37 -2.62	49.24 1.85 -2.15	51.62 1.88 -2.80	53.05 1.98 -2.73	53.28 1.80 -2.78	57.00 1.80 -2.32	57.31 1.75 -2.58	59.36 1.33 -2.60	62.37 1.28 -2.94	69.57 1.68 -3.42	64.05 2.69 -2.97	64.05 3.18 -3.02	53.84 2.64 -2.28	48.06 2.29 -1.76	43.08 1.91 -1.35	38.49 1.75 -1.10
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.28 1.26 -1.05	34.53 1.42 -0.81	32.63 0.96 -0.63	31.34 1.15 -0.60	31.85 1.00 -0.64	34.05 1.14 -1.12	42.51 0.85 -1.29	47.54 0.66 -2.58	48.20 0.41 -2.28	47.11 0.00 -1.86	49.51 0.14 -2.43	51.34 0.63 -2.37	51.60 0.49 -2.42	55.22 0.32 -2.01	55.44 0.21 -2.24	56.91 -0.78 -2.26	59.25 -1.45 -2.56	65.32 -2.13 -2.98	59.87 -1.11 -2.58	59.84 -0.64 -2.63	50.51 -0.39 -1.98	45.23 -0.31 -1.53	40.79 -0.20 -1.18	37.00 0.39 -0.96

SAWYER___23_KV_LOAD 55526	38.28	34.53	32.63	31.34	31.85	34.05	42.51	47.54	48.20	47.11	49.51	51.34	51.60	55.22	55.44	56.91	59.25	65.32	59.87	59.84	50.51	45.23	40.79	37.00
	1.26	1.42	0.96	1.15	1.00	1.14	0.85	0.66	0.41	0.00	0.14	0.63	0.49	0.32	0.21	-0.78	-1.45	-2.13	-1.11	-0.64	-0.39	-0.31	-0.20	0.39
	-1.05	-0.81	-0.63	-0.60	-0.64	-1.12	-1.29	-2.58	-2.28	-1.86	-2.43	-2.37	-2.42	-2.01	-2.24	-2.26	-2.56	-2.98	-2.58	-2.63	-1.98	-1.53	-1.18	-0.96
SELKIRK___I 23801	35.17	31.59	30.42	28.99	29.64	31.15	39.56	43.40	44.30	44.07	45.47	46.87	47.13	51.20	51.11	53.64	52.60	55.99	50.52	52.47	47.97	43.17	39.83	35.70
	-0.79	-0.71	-0.62	-0.59	-0.57	-0.64	-0.81	-0.84	-0.91	-0.81	-1.08	-1.11	-1.22	-1.32	-1.27	-1.17	-1.11	-1.16	-1.11	-1.22	-0.93	-0.84	0.28	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.30	0.36	0.40	0.36	0.36	0.36	0.60	0.63	4.44	7.33	6.77	4.15	0.03	0.00	0.27	0.17
SELKIRK___II 23799	35.35	31.72	30.54	29.11	29.76	31.31	39.72	43.61	44.48	44.23	45.68	47.10	47.41	51.51	51.33	53.81	52.37	55.39	49.98	52.17	48.16	43.35	39.14	35.10
	-0.61	-0.58	-0.50	-0.47	-0.45	-0.48	-0.65	-0.62	-0.68	-0.59	-0.80	-0.82	-0.88	-0.95	-0.95	-0.89	-0.81	-0.90	-0.87	-1.04	-0.73	-0.66	-0.36	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.35	0.42	0.46	0.42	0.41	0.42	0.70	0.73	4.97	8.19	7.54	4.63	0.03	0.00	0.31	0.19
SENECA OSWGO___HYD 24041	37.43	33.77	32.05	30.57	31.34	34.06	43.25	49.22	50.04	49.09	51.61	52.83	52.70	56.78	56.41	58.58	61.84	69.04	62.87	62.53	52.85	46.43	41.64	37.18
	-0.04	0.00	-0.03	-0.03	-0.03	0.00	0.04	0.13	0.18	0.09	0.14	0.10	0.10	0.11	0.00	-0.06	-0.17	-0.26	-0.06	0.06	0.05	-0.04	-0.12	-0.07
	-1.50	-1.47	-1.04	-1.01	-1.15	-2.27	-2.84	-4.80	-4.35	-3.76	-4.53	-4.40	-3.91	-3.79	-3.42	-3.21	-3.87	-4.82	-4.53	-4.63	-3.87	-2.47	-1.95	-1.60
SENECA___115KV_TB3 355854	38.55	34.77	32.80	31.53	32.08	34.30	42.90	48.08	48.75	47.69	50.13	51.92	52.15	55.79	56.07	57.52	59.95	66.10	60.63	60.65	51.14	45.71	41.21	37.23
	1.51	1.65	1.12	1.33	1.21	1.37	1.21	1.15	0.91	0.54	0.70	1.16	0.97	0.85	0.79	-0.22	-0.81	-1.42	-0.41	0.12	0.20	0.13	0.20	0.61
	-1.08	-0.82	-0.64	-0.61	-0.66	-1.14	-1.32	-2.64	-2.33	-1.91	-2.49	-2.42	-2.47	-2.06	-2.29	-2.31	-2.62	-3.04	-2.64	-2.69	-2.02	-1.57	-1.20	-0.98
SENECA___ENERGY 23797	39.16	35.13	33.21	31.70	32.49	35.55	44.92	52.00	52.64	51.19	54.24	55.45	55.56	59.28	59.27	61.38	64.84	72.25	65.88	65.67	55.03	48.40	43.18	38.63
	0.90	0.87	0.71	0.71	0.72	0.89	1.09	1.37	1.46	1.17	1.31	1.31	1.32	1.43	1.27	1.05	0.99	1.03	1.40	1.62	1.17	0.93	0.68	0.78
	-2.29	-1.96	-1.46	-1.41	-1.55	-2.87	-3.46	-6.34	-5.67	-4.77	-5.98	-5.80	-5.55	-4.97	-5.02	-4.90	-5.70	-6.75	-6.09	-6.21	-4.94	-3.47	-2.69	-2.20
SHOEMAKER___GT 23640	36.76	32.88	31.60	30.09	30.72	32.39	41.18	45.37	46.98	47.06	48.64	49.99	50.30	54.63	55.08	57.84	60.71	67.50	60.00	59.48	50.01	44.97	41.50	36.90
	0.79	0.58	0.56	0.50	0.51	0.60	0.81	0.97	0.82	1.04	0.85	0.87	0.83	0.95	0.80	1.05	1.34	1.54	1.34	1.22	1.03	0.97	1.11	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.65	-0.78	-0.85	-0.78	-0.77	-0.79	-1.30	-1.35	-1.23	-1.48	-0.26	-0.42	-0.06	0.00	-0.58	-0.36
SHOEMAKR_138KV_BK 111 55601	36.72	32.91	31.60	30.09	30.72	32.39	41.18	45.42	47.06	46.92	48.73	49.94	50.29	54.57	55.02	57.77	60.64	67.36	59.88	59.41	49.85	44.93	41.50	36.86
	0.76	0.61	0.56	0.50	0.51	0.60	0.81	1.02	0.91	0.90	0.94	0.82	0.83	0.90	0.74	1.00	1.28	1.42	1.23	1.16	0.93	0.92	1.11	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.65	-0.78	-0.85	-0.77	-0.76	-0.78	-1.29	-1.34	-1.22	-1.47	-0.26	-0.41	0.00	0.00	-0.57	-0.35
SHOREHAM_IC_1 23715	36.61	32.30	31.01	29.19	29.84	31.95	40.98	44.63	45.90	46.09	46.71	47.03	46.70	46.06	49.26	49.25	54.37	66.68	54.29	50.10	43.75	43.57	40.75	36.56
	0.65	0.00	-0.03	-0.39	-0.36	0.16	0.61	0.22	-0.14	0.23	0.05	0.00	-0.10	0.00	-0.21	0.11	0.41	0.51	0.23	0.00	-0.10	-0.13	0.28	0.50
	0.00	0.00	0.00	0.01	0.01	0.00	0.00	-0.12	-0.53	-0.63	0.27	1.31	1.90	6.83	3.51	6.29	4.18	-1.69	4.34	7.75	5.08	0.31	-0.66	-0.41
SHOREHAM_IC_2 23716	36.61	32.33	31.01	29.19	29.84	31.95	40.98	44.72	46.04	45.82	46.81	46.93	46.65	45.95	49.21	49.19	54.25	66.56	54.17	50.04	43.63	43.57	40.95	36.52
	0.65	0.03	-0.03	-0.38	-0.36	0.16	0.61	0.31	0.00	-0.05	0.14	-0.10	-0.15	-0.11	-0.26	0.06	0.29	0.39	0.12	-0.06	-0.15	-0.13	0.48	0.46
	0.00	0.00	0.00	0.01	0.01	0.00	0.00	-0.12	-0.53	-0.63	0.27	1.31	1.90	6.83	3.51	6.29	4.18	-1.69	4.34	7.75	5.14	0.31	-0.66	-0.41
SISSONVILLE____ 23735	36.97	43.87	36.75	35.41	38.87	55.38	75.10	83.48	83.82	83.59	84.20	84.62	66.46	85.90	62.97	57.58	68.25	83.37	86.74	87.33	84.51	53.39	48.95	43.64
	0.65	0.55	0.53	0.47	0.48	0.54	0.81	0.89	1.00	0.95	0.94	0.97	1.02	1.16	1.27	1.39	1.28	1.35	1.05	1.10	0.83	0.92	0.80	0.64
	-0.36	-11.02	-5.18	-5.35	-8.18	-23.06	-33.92	-38.30	-37.32	-37.40	-36.32	-35.31	-16.74	-31.85	-8.72	-0.76	-8.82	-17.54	-27.29	-28.39	-34.75	-8.46	-8.34	-7.35
SITHE_IND_GS1 24169	20.95	20.75	21.89	20.84	20.84	15.97	22.03	8.49	13.73	19.05	13.07	15.56	15.28	24.79	21.75	23.88	22.39	22.89	22.39	21.25	21.25	22.39	23.10	22.03
	-0.76	-0.65	-0.65	-0.62	-0.66	-0.67	-0.85	-0.89	-0.91	-0.95	-0.94	-0.97	-0.97	-1.06	-1.12	-1.22	-1.40	-1.61	-1.34	-1.27	-1.08	-1.01	-0.91	-0.78
	14.26	10.91	8.49	8.12	8.71	15.15	17.49	34.91	30.87	25.24	32.93	31.82	32.45	27.04	30.12	30.33	34.36	39.98	34.67	35.32	26.60	20.61	15.80	12.83
SITHE_IND_GS2 24170	20.95	20.75	21.89	20.84	20.84	15.97	22.03	8.49	13.73	19.05	13.07	15.56	15.28	24.79	21.75	23.88	22.39	22.89	22.39	21.25	21.25	22.39	23.10	22.03
	-0.76	-0.65	-0.65	-0.62	-0.66	-0.67	-0.85	-0.89	-0.91	-0.95	-0.94	-0.97	-0.97	-1.06	-1.12	-1.22	-1.40	-1.61	-1.34	-1.27	-1.08	-1.01	-0.91	-0.78
	14.26	10.91	8.49	8.12	8.71	15.15	17.49	34.91	30.87	25.24	32.93	31.82	32.45	27.04	30.12	30.33	34.36	39.98	34.67	35.32	26.60	20.61	15.80	12.83
SITHE_IND_GS3 24171	20.95	20.75	21.89	20.84	20.84	15.97	22.03	8.49	13.73	19.05	13.07	15.56	15.28	24.79	21.75	23.88	22.39	22.89	22.39	21.25	21.25	22.39	23.10	22.03
	-0.76	-0.65	-0.65	-0.62	-0.66	-0.67	-0.85	-0.89	-0.91	-0.95	-0.94	-0.97	-0.97	-1.06	-1.12	-1.22	-1.40	-1.61	-1.34	-1.27	-1.08	-1.01	-0.91	-0.78
	14.26	10.91	8.49	8.12	8.71	15.15	17.49	34.91	30.87	25.24	32.93	31.82	32.45	27.04	30.12	30.33	34.36	39.98	34.67	35.32	26.60	20.61	15.80	12.83
SITHE_IND_GS4 24172	20.95	20.75	21.89	20.84	20.84	15.97	22.03	8.49	13.73	19.05	13.07	15.56	15.28	24.79	21.75	23.88	22.39	22.89	22.39	21.25	21.25	22.39	23.10	22.03
	-0.76	-0.65	-0.65	-0.62	-0.66	-0.67	-0.85	-0.89	-0.91	-0.95	-0.94	-0.97	-0.97	-1.06	-1.12	-1.22	-1.40	-1.61	-1.34	-1.27	-1.08	-1.01	-0.91	-0.78
	14.26	10.91	8.49	8.12	8.71	15.15	17.49	34.91	30.87	25.24	32.93	31.82	32.45	27.04	30.12	30.33	34.36	39.98	34.67	35.32	26.60	20.61	15.80	12.83

SITHE___BATAVIA 24024	38.95 1.94 -1.04	35.26 2.16 -0.80	33.37 1.71 -0.62	31.93 1.75 -0.60	32.48 1.63 -0.64	34.81 1.91 -1.11	43.79 2.14 -1.28	49.37 2.52 -2.56	50.23 2.46 -2.26	48.72 1.63 -1.85	51.51 2.16 -2.41	52.91 2.22 -2.35	53.34 2.24 -2.40	57.32 2.43 -2.00	57.33 2.12 -2.22	58.95 1.28 -2.24	61.44 0.75 -2.54	68.06 0.64 -2.94	62.34 1.40 -2.55	62.63 2.20 -2.59	52.54 1.66 -1.95	46.97 1.45 -1.51	42.33 1.35 -1.16	38.27 1.68 -0.94
SITHE___INDEPEND 23800	20.95 -0.76 14.26	20.72 -0.68 10.91	21.86 -0.68 8.49	20.84 -0.62 8.12	20.84 -0.66 8.71	15.97 -0.67 15.15	22.03 -0.85 17.49	8.49 -0.89 34.91	13.68 -0.96 30.87	19.05 -0.95 25.24	13.02 -0.99 32.93	15.56 -0.97 31.82	15.23 -1.02 32.45	24.73 -1.11 27.04	21.70 -1.17 30.12	23.82 -1.27 30.33	22.33 -1.45 34.36	22.93 -1.61 39.93	22.43 -1.34 34.63	21.23 -1.33 35.28	21.28 -1.08 26.57	22.41 -1.01 20.58	23.12 -0.92 15.78	22.01 -0.82 12.82
SITHE___MASSENA 23902	36.43 0.47 0.00	48.29 0.42 -15.57	38.64 0.40 -7.20	37.40 0.36 -7.45	42.13 0.39 -11.53	65.02 0.38 -32.85	89.36 0.49 -48.50	99.04 0.53 -54.21	98.99 0.55 -52.93	99.00 0.50 -53.26	98.97 0.61 -51.42	98.91 0.58 -49.99	72.39 0.63 -23.06	98.73 0.69 -45.16	65.26 0.74 -11.53	56.26 0.83 0.00	70.60 0.93 -11.53	89.50 1.10 -23.93	97.58 0.93 -38.25	98.58 0.92 -39.81	98.94 0.68 -49.34	56.25 0.75 -11.50	51.87 0.56 -11.50	46.33 0.50 -10.19
SITHE___OGDNSBRG 24021	36.97 1.01 0.00	45.80 0.87 -12.62	37.68 0.81 -5.84	36.40 0.77 -6.04	40.31 0.76 -9.35	59.30 0.89 -26.63	80.90 1.21 -39.32	89.57 1.33 -43.95	89.83 1.41 -42.91	89.68 1.27 -43.17	89.84 1.22 -41.68	90.07 1.21 -40.53	68.61 1.22 -18.69	90.86 1.38 -36.60	63.87 1.54 -9.35	57.15 1.72 0.00	69.35 1.86 -9.35	86.21 2.32 -19.41	91.47 2.04 -31.03	92.28 2.14 -32.30	90.61 1.66 -40.02	54.79 1.45 -9.33	50.30 1.15 -9.33	44.86 0.96 -8.25
SITHE___STERLING 23777	37.76 0.93 -0.86	34.41 0.77 -1.33	32.60 0.74 -0.82	31.08 0.68 -0.81	31.93 0.70 -1.02	34.98 0.86 -2.34	44.78 1.25 -3.16	50.25 1.51 -4.45	51.30 1.64 -4.16	50.56 1.49 -3.83	52.70 1.55 -4.22	54.03 1.59 -4.09	53.27 1.60 -2.96	58.17 1.69 -3.60	57.00 1.70 -2.32	59.03 1.77 -1.83	62.46 1.74 -2.58	70.07 2.06 -3.53	64.13 1.92 -3.81	63.79 2.02 -3.92	54.42 1.71 -3.78	47.07 1.28 -1.78	42.33 1.03 -1.48	37.78 0.89 -1.24
SLEIGHT__34_KV_TB1 80719	37.61 0.32 -1.32	33.70 0.39 -1.01	32.07 0.25 -0.79	30.64 0.30 -0.75	31.29 0.27 -0.81	33.58 0.38 -1.41	42.52 0.52 -1.62	48.20 0.66 -3.24	48.97 0.59 -2.87	48.13 0.54 -2.34	50.61 0.61 -3.06	52.13 0.82 -2.97	52.51 0.78 -3.03	56.20 0.79 -2.53	56.49 0.69 -2.81	58.60 0.33 -2.83	61.35 0.00 -3.21	68.08 -0.13 -3.73	61.92 0.29 -3.23	61.60 0.46 -3.29	51.80 0.39 -2.48	46.24 0.31 -1.92	41.49 0.20 -1.47	37.02 0.18 -1.20
SMITHTWN_69_KV_BK 1 55830	37.15 1.19 0.00	32.85 0.55 0.00	31.50 0.47 0.00	29.70 0.12 0.01	30.32 0.12 0.01	32.46 0.67 0.00	41.58 1.21 0.00	45.34 0.93 -0.12	46.63 0.59 -0.53	46.50 0.63 -0.63	47.52 0.84 0.27	47.71 0.68 1.30	47.49 0.68 1.89	46.89 0.79 6.79	50.08 0.58 3.49	50.12 0.94 6.26	55.21 1.22 4.16	67.52 1.35 -1.69	55.13 1.05 4.32	50.94 0.81 7.71	44.44 0.64 5.12	44.27 0.57 0.31	41.67 1.19 -0.66	37.13 1.07 -0.41
SOUTH CAIRO___GT 23612	36.40 0.43 0.00	32.62 0.32 0.00	31.38 0.34 0.00	29.79 0.21 0.00	30.42 0.21 0.00	32.11 0.32 0.00	40.94 0.57 0.00	45.23 0.97 0.04	46.16 0.86 0.22	45.43 0.45 0.26	46.66 0.00 0.28	47.89 -0.19 0.26	48.20 -0.24 0.26	52.52 -0.11 0.26	52.45 -0.11 0.43	55.09 0.11 0.45	54.37 0.52 4.30	58.15 0.84 7.17	53.03 1.40 6.77	55.17 1.45 4.12	49.80 0.88 0.00	44.93 0.92 0.00	41.01 1.39 0.19	36.88 1.35 0.12
SOUTH HAMPTN___IC 23720	37.19 1.22 0.00	32.82 0.52 0.00	31.47 0.43 0.00	29.64 0.06 0.01	30.26 0.06 0.01	32.42 0.64 0.00	41.54 1.17 0.00	45.25 0.84 -0.12	46.54 0.50 -0.53	46.68 0.82 -0.62	47.46 0.80 0.28	47.79 0.77 1.32	47.43 0.63 1.91	46.73 0.69 6.84	49.94 0.48 3.52	49.96 0.83 6.30	55.06 1.10 4.19	67.39 1.22 -1.69	54.93 0.88 4.35	50.66 0.58 7.76	44.13 0.30 5.08	43.92 0.22 0.31	40.95 0.48 -0.66	36.81 0.75 -0.41
SOUTHDOW_115KV_TB1 355954	39.39 2.34 -1.09	35.53 2.39 -0.83	33.55 1.86 -0.65	32.28 2.07 -0.62	32.96 2.08 -0.67	35.30 2.35 -1.16	44.86 3.15 -1.34	50.42 3.45 -2.67	51.01 3.14 -2.36	50.11 2.94 -1.93	52.56 3.10 -2.52	54.29 3.48 -2.47	54.58 3.36 -2.51	58.37 3.38 -2.10	58.55 3.23 -2.33	60.00 2.22 -2.35	62.67 1.86 -2.66	68.41 0.84 -3.09	62.78 1.69 -2.68	62.83 2.26 -2.73	52.65 1.66 -2.06	47.01 1.41 -1.60	42.39 1.35 -1.22	38.18 1.53 -0.99
SOUTHOLD_69_KV_BK 2 55809	37.69 1.73 0.00	33.27 0.97 0.00	31.88 0.84 0.00	29.96 0.38 0.01	30.57 0.36 0.01	32.77 0.99 0.00	41.90 1.53 0.00	45.78 1.37 -0.12	47.04 1.00 -0.53	46.77 0.90 -0.62	47.93 1.27 0.28	48.04 1.02 1.32	47.62 0.83 1.91	46.84 0.79 6.84	50.05 0.58 3.52	49.96 0.83 6.30	55.06 1.10 4.19	67.33 1.16 -1.69	54.87 0.82 4.35	50.61 0.52 7.76	43.97 0.20 5.15	43.79 0.09 0.31	40.99 0.52 -0.66	36.77 0.71 -0.41
SOUTHOLD___IC 23719	37.69 1.73 0.00	33.20 0.90 0.00	31.88 0.84 0.00	29.96 0.38 0.01	30.57 0.36 0.01	32.77 0.99 0.00	41.90 1.53 0.00	45.65 1.24 -0.12	46.90 0.86 -0.53	47.00 1.13 -0.62	47.88 1.22 0.28	48.14 1.11 1.32	47.67 0.88 1.91	46.95 0.90 6.84	50.10 0.64 3.52	50.07 0.94 6.30	55.18 1.22 4.19	67.46 1.29 -1.69	54.93 0.88 4.35	50.66 0.58 7.76	44.09 0.25 5.08	43.79 0.09 0.31	40.75 0.28 -0.66	36.77 0.71 -0.41
SOUTH_FORK_WT_PWR 323839	37.69 1.73 0.00	33.20 0.90 0.00	31.84 0.81 0.00	29.93 0.36 0.01	30.54 0.33 0.01	32.71 0.92 0.00	41.74 1.37 0.00	45.47 1.06 -0.12	46.63 0.59 -0.53	46.68 0.82 -0.62	47.51 0.85 0.28	47.70 0.68 1.32	47.18 0.39 1.91	46.37 0.32 6.84	49.46 0.00 3.52	49.35 0.22 6.30	54.42 0.46 4.19	66.62 0.45 -1.69	54.17 0.12 4.35	49.85 -0.23 7.76	43.35 -0.49 5.08	43.17 -0.53 0.31	40.15 -0.32 -0.66	36.42 0.36 -0.41
SPIERFLS_115KV_TB 1 80737	36.61 0.65 0.00	32.95 0.65 0.00	31.72 0.68 0.00	30.21 0.62 0.00	30.88 0.66 0.00	32.42 0.64 0.00	41.30 0.93 0.00	45.30 1.11 0.10	45.90 1.00 0.61	45.59 1.09 0.74	47.03 0.89 0.80	48.43 0.82 0.73	48.71 0.73 0.72	52.99 0.85 0.74	52.66 0.90 1.22	55.21 1.05 1.27	63.16 1.16 -3.85	73.03 1.35 -7.20	68.22 1.46 -8.36	63.84 1.27 -4.73	50.20 1.27 0.00	45.24 1.23 0.00	40.34 1.07 0.54	36.13 0.82 0.34
ST LAWRENCE____ 23600	35.97 0.00 0.00	31.08 0.00 1.22	30.43 0.00 0.61	28.92 -0.03 0.63	29.25 -0.03 0.94	29.29 -0.03 2.47	36.69 -0.04 3.64	40.13 -0.09 4.07	41.44 -0.09 3.97	41.15 -0.09 4.00	43.03 -0.05 3.86	44.54 -0.05 3.75	46.93 0.00 1.77	49.44 -0.05 3.39	52.10 0.05 0.94	55.54 0.11 0.00	57.35 0.12 0.91	62.86 0.19 1.81	55.63 0.12 2.89	54.95 0.12 3.01	45.25 0.05 3.72	43.20 0.13 0.94	38.87 0.04 0.98	34.78 0.00 0.87

STATE_CA_115KV_115_LB 55624	35.64 -0.32 0.00	31.98 -0.32 0.00	30.79 -0.25 0.00	29.35 -0.24 0.00	30.03 -0.18 0.00	31.63 -0.16 0.00	40.13 -0.24 0.00	44.03 -0.18 0.09	44.80 -0.18 0.53	44.43 -0.18 0.63	45.97 -0.28 0.69	47.32 -0.39 0.63	47.69 -0.39 0.62	51.83 -0.42 0.64	51.51 -0.42 1.05	54.00 -0.33 1.09	51.49 -0.29 6.36	53.74 -0.32 10.41	48.67 -0.29 9.44	51.55 -0.46 5.83	48.63 -0.29 0.00	43.79 -0.22 0.00	39.31 -0.04 0.47	35.43 0.07 0.29
STATE_ST_34_KV_LOAD 55959	38.82 0.50 -2.35	34.79 0.48 -2.01	32.91 0.37 -1.50	31.41 0.38 -1.44	32.19 0.39 -1.59	35.20 0.48 -2.94	44.55 0.65 -3.54	51.62 0.84 -6.48	52.13 0.82 -5.81	50.85 0.72 -4.88	53.82 0.75 -6.12	55.10 0.82 -5.94	55.21 0.83 -5.68	58.82 0.85 -5.08	58.86 0.74 -5.14	61.06 0.61 -5.02	64.57 0.58 -5.84	71.98 0.58 -6.93	65.52 0.88 -6.24	65.20 0.98 -6.37	54.82 0.83 -5.06	48.18 0.62 -3.56	43.02 0.44 -2.77	38.30 0.39 -2.26
STATION_5_MISC_HYD 23604	37.80 0.83 -1.01	34.07 1.00 -0.77	32.38 0.74 -0.60	30.93 0.77 -0.57	31.52 0.70 -0.62	33.68 0.83 -1.07	42.57 0.97 -1.24	47.96 1.20 -2.47	48.92 1.23 -2.18	47.84 0.82 -1.79	50.44 1.17 -2.33	51.81 1.21 -2.27	52.28 1.26 -2.31	56.24 1.43 -1.93	56.35 1.22 -2.15	58.31 0.72 -2.16	60.89 0.29 -2.45	67.44 0.13 -2.83	61.50 0.64 -2.46	61.33 0.98 -2.50	51.54 0.73 -1.88	46.13 0.66 -1.46	41.45 0.52 -1.12	37.27 0.71 -0.91
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.48 1.62 -1.90	35.27 1.52 -1.45	33.47 1.30 -1.13	32.00 1.33 -1.08	32.73 1.36 -1.16	35.36 1.56 -2.01	44.63 1.94 -2.32	51.24 2.30 -4.64	51.80 2.18 -4.10	50.68 2.08 -3.35	53.52 2.21 -4.38	54.91 2.32 -4.25	55.32 2.29 -4.33	58.88 2.38 -3.61	59.29 2.28 -4.02	61.48 2.00 -4.05	64.59 1.86 -4.59	71.87 2.06 -5.33	65.48 2.45 -4.62	65.21 2.66 -4.71	54.62 2.15 -3.55	48.56 1.80 -2.75	43.39 1.47 -2.11	38.75 1.39 -1.71
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.52 0.54 -1.01	33.69 0.61 -0.78	32.11 0.47 -0.60	30.67 0.50 -0.58	31.28 0.45 -0.62	33.44 0.57 -1.08	42.26 0.65 -1.24	47.53 0.75 -2.48	48.30 0.59 -2.20	47.53 0.50 -1.80	49.89 0.61 -2.34	51.49 0.87 -2.28	51.85 0.83 -2.32	55.62 0.79 -1.94	55.83 0.69 -2.16	57.82 0.22 -2.17	60.43 -0.17 -2.46	67.08 -0.26 -2.86	61.05 0.18 -2.48	60.83 0.46 -2.53	51.22 0.39 -1.90	45.83 0.35 -1.47	41.22 0.28 -1.13	36.89 0.32 -0.92
STA_56___34_KV_BUS2 355983	37.52 0.54 -1.01	33.69 0.61 -0.78	32.11 0.47 -0.60	30.67 0.50 -0.58	31.28 0.45 -0.62	33.44 0.57 -1.08	42.26 0.65 -1.24	47.53 0.75 -2.48	48.30 0.59 -2.20	47.53 0.50 -1.80	49.89 0.61 -2.34	51.49 0.87 -2.28	51.85 0.83 -2.32	55.62 0.79 -1.94	55.83 0.69 -2.16	57.82 0.22 -2.17	60.43 -0.17 -2.46	67.08 -0.26 -2.86	61.05 0.18 -2.48	60.83 0.46 -2.53	51.22 0.39 -1.90	45.83 0.35 -1.47	41.22 0.28 -1.13	36.89 0.32 -0.92
STA_67___115KV_BK2 355882	37.73 0.76 -1.01	33.91 0.84 -0.77	32.29 0.65 -0.60	30.87 0.71 -0.57	31.46 0.63 -0.61	33.62 0.76 -1.07	42.45 0.85 -1.23	47.73 0.97 -2.46	48.46 0.77 -2.18	47.65 0.63 -1.78	50.01 0.75 -2.32	51.66 1.06 -2.26	51.98 0.97 -2.30	55.76 0.95 -1.92	55.97 0.85 -2.14	57.97 0.39 -2.15	60.59 0.00 -2.44	67.18 -0.13 -2.83	61.21 0.35 -2.46	60.98 0.64 -2.50	51.40 0.59 -1.89	46.00 0.53 -1.46	41.37 0.44 -1.12	37.06 0.50 -0.91
STA_7___115KV_9TRANS 80674	37.98 1.01 -1.01	34.11 1.03 -0.77	32.51 0.87 -0.60	31.05 0.89 -0.57	31.67 0.85 -0.62	33.84 0.99 -1.07	42.78 1.17 -1.24	48.09 1.33 -2.47	48.83 1.14 -2.18	48.02 1.00 -1.79	50.44 1.17 -2.33	52.10 1.50 -2.27	52.42 1.41 -2.31	56.29 1.48 -1.93	56.51 1.38 -2.15	58.42 0.83 -2.16	61.00 0.41 -2.45	67.77 0.45 -2.84	61.68 0.82 -2.47	61.51 1.16 -2.51	51.84 1.03 -1.89	46.40 0.92 -1.47	41.69 0.76 -1.12	37.31 0.75 -0.91
STA_82___115KV_TB1 80780	37.78 0.79 -1.03	33.92 0.84 -0.78	32.30 0.65 -0.61	30.88 0.71 -0.58	31.50 0.66 -0.63	33.64 0.76 -1.09	42.52 0.89 -1.26	47.78 0.97 -2.51	48.55 0.82 -2.22	47.69 0.63 -1.81	50.06 0.75 -2.37	51.71 1.06 -2.30	52.07 1.02 -2.35	55.85 1.00 -1.96	56.07 0.90 -2.18	58.01 0.39 -2.20	60.63 0.00 -2.49	67.30 -0.06 -2.89	61.31 0.41 -2.51	61.09 0.69 -2.55	51.48 0.64 -1.92	46.07 0.57 -1.49	41.39 0.44 -1.14	37.08 0.50 -0.93
STEEL___WIND 323596	38.52 1.48 -1.08	34.80 1.68 -0.82	32.86 1.18 -0.64	31.50 1.30 -0.61	32.05 1.18 -0.66	34.27 1.33 -1.14	42.90 1.21 -1.32	48.30 1.37 -2.64	49.39 1.55 -2.33	47.69 0.54 -1.91	50.60 1.17 -2.49	51.92 1.16 -2.42	52.39 1.22 -2.47	56.21 1.27 -2.06	56.28 1.00 -2.29	57.85 0.11 -2.31	60.13 -0.64 -2.62	66.22 -1.29 -3.03	60.56 -0.47 -2.63	60.93 0.41 -2.68	51.09 0.15 -2.02	45.66 0.09 -1.56	41.17 0.16 -1.20	37.48 0.85 -0.97
STEPHTWN_115KV_BK_2 55603	35.71 -0.25 0.00	32.04 -0.26 0.00	30.85 -0.19 0.00	29.38 -0.21 0.00	30.06 -0.15 0.00	31.69 -0.10 0.00	40.25 -0.12 0.00	44.16 -0.04 0.08	44.96 -0.05 0.50	44.59 -0.05 0.60	46.09 -0.19 0.66	47.45 -0.29 0.60	47.77 -0.34 0.59	51.91 -0.37 0.61	51.61 -0.37 1.00	54.11 -0.28 1.05	50.57 -0.17 7.40	52.13 -0.13 12.22	47.05 -0.06 11.29	50.63 -0.29 6.93	48.78 -0.15 0.00	43.92 -0.09 0.00	39.45 0.08 0.45	35.59 0.21 0.28
STEUBEN_REC_LFGE 323667	38.77 1.37 -1.44	34.69 1.29 -1.10	32.82 0.93 -0.86	31.50 1.09 -0.82	32.18 1.09 -0.88	34.62 1.30 -1.53	43.63 1.49 -1.76	49.49 1.68 -3.52	50.17 1.55 -3.11	48.92 1.13 -2.54	51.39 1.13 -3.32	52.73 1.16 -3.23	52.92 0.93 -3.30	56.48 0.85 -2.75	56.90 0.85 -3.06	58.85 0.33 -3.08	61.76 0.12 -3.49	68.67 0.13 -4.06	63.15 1.23 -3.52	63.05 1.62 -3.59	52.94 1.32 -2.70	47.11 1.01 -2.09	42.10 0.68 -1.60	37.81 0.86 -1.30
STILLWATER___SOLAR 323814	36.86 0.90 0.00	33.11 0.81 0.00	31.84 0.81 0.00	30.35 0.77 0.00	31.03 0.82 0.00	32.65 0.86 0.00	41.58 1.21 0.00	45.51 1.33 0.11	46.10 1.27 0.69	45.87 1.45 0.82	47.26 1.22 0.90	48.77 1.25 0.82	49.01 1.12 0.81	53.32 1.27 0.83	52.94 1.33 1.37	55.50 1.50 1.42	65.27 1.69 -5.44	76.34 1.87 -9.99	71.50 1.81 -11.29	65.97 1.68 -6.44	50.38 1.52 0.06	45.37 1.37 0.00	40.48 1.27 0.61	36.34 1.07 0.38
STONY___BROOK 24151	37.12 1.15 0.00	32.75 0.45 0.00	31.44 0.40 0.00	29.64 0.06 0.01	30.29 0.09 0.01	32.42 0.64 0.00	41.54 1.17 0.00	45.16 0.75 -0.12	46.49 0.46 -0.53	46.72 0.86 -0.63	47.42 0.75 0.27	47.76 0.73 1.31	47.49 0.68 1.89	46.88 0.79 6.80	50.01 0.53 3.50	50.04 0.88 6.27	55.14 1.16 4.17	67.46 1.29 -1.69	55.00 0.93 4.33	50.87 0.75 7.72	44.50 0.63 5.06	44.27 0.57 0.31	41.39 0.92 -0.66	37.13 1.07 -0.41
STURGEON_POOL_HYD 23609	37.12 1.15 0.00	33.24 0.94 0.00	31.91 0.87 0.00	30.33 0.74 0.00	30.97 0.76 0.00	32.61 0.83 0.00	41.50 1.13 0.00	45.91 1.55 -0.06	47.30 1.41 -0.38	47.10 1.40 -0.46	48.81 1.36 -0.50	50.06 1.26 -0.46	50.47 1.31 -0.45	54.83 1.48 -0.46	55.02 1.27 -0.77	57.78 1.55 -0.80	60.00 1.92 0.06	66.07 2.06 0.47	59.13 1.93 1.20	59.14 1.85 0.56	50.24 1.32 0.00	45.33 1.32 0.00	41.75 1.59 -0.34	37.07 1.21 -0.21

ST_LAW_115_BK7_LBMP 345037	35.97 0.00 0.00	30.67 0.00 1.63	30.28 0.00 0.75	28.81 0.00 0.78	29.00 0.00 1.21	28.35 0.00 3.44	35.29 0.00 5.08	38.57 -0.04 5.67	39.92 -0.05 5.54	39.62 -0.05 5.57	41.56 0.00 5.38	43.11 0.00 5.23	46.29 0.00 2.41	48.16 0.00 4.73	51.88 0.11 1.21	55.54 0.11 0.00	57.11 0.17 1.21	62.22 0.26 2.52	54.55 0.18 4.02	53.83 0.17 4.19	43.79 0.05 5.19	42.97 0.18 1.21	38.68 0.08 1.21	34.61 0.04 1.07
ST_LAW_115_BK8_LBMP 345038	35.97 0.00 0.00	30.67 0.00 1.63	30.28 0.00 0.75	28.81 0.00 0.78	29.00 0.00 1.21	28.35 0.00 3.44	35.29 0.00 5.08	38.57 -0.04 5.67	39.92 -0.05 5.54	39.62 -0.05 5.57	41.56 0.00 5.38	43.11 0.00 5.23	46.29 0.00 2.41	48.16 0.00 4.73	51.88 0.11 1.21	55.54 0.11 0.00	57.11 0.17 1.21	62.22 0.26 2.52	54.55 0.18 4.02	53.83 0.17 4.19	43.79 0.05 5.19	42.97 0.18 1.21	38.68 0.08 1.21	34.61 0.04 1.07
ST_LAW_230_BK5_LBMP 345035	35.97 0.00 0.00	31.35 0.00 0.95	30.60 0.00 0.44	29.10 -0.03 0.46	29.47 -0.03 0.71	29.74 -0.03 2.01	37.36 -0.04 2.97	40.88 -0.09 3.32	42.17 -0.09 3.24	41.89 -0.09 3.26	43.74 -0.05 3.15	45.23 -0.05 3.06	47.29 0.00 1.41	50.06 -0.05 2.77	52.33 0.05 0.71	55.54 0.11 0.00	57.56 0.12 0.71	63.20 0.19 1.48	56.16 0.12 2.36	55.50 0.12 2.45	45.93 0.05 3.04	43.43 0.13 0.71	39.14 0.04 0.71	35.02 0.00 0.63
ST_LAW_230_BK6_LBMP 345036	35.97 0.00 0.00	31.35 0.00 0.95	30.60 0.00 0.44	29.10 -0.03 0.46	29.47 -0.03 0.71	29.74 -0.03 2.01	37.36 -0.04 2.97	40.88 -0.09 3.32	42.17 -0.09 3.24	41.89 -0.09 3.26	43.74 -0.05 3.15	45.23 -0.05 3.06	47.29 0.00 1.41	50.06 -0.05 2.77	52.33 0.05 0.71	55.54 0.11 0.00	57.56 0.12 0.71	63.20 0.19 1.48	56.16 0.12 2.36	55.50 0.12 2.45	45.93 0.05 3.04	43.43 0.13 0.71	39.14 0.04 0.71	35.02 0.00 0.63
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.86 0.90 0.00	33.01 0.71 0.00	31.69 0.65 0.00	30.15 0.56 0.00	30.79 0.57 0.00	32.49 0.70 0.00	41.30 0.93 0.00	45.56 1.15 -0.11	47.22 1.05 -0.67	47.13 1.09 -0.80	48.94 1.13 -0.88	50.16 1.02 -0.80	50.51 1.02 -0.79	54.86 1.16 -0.81	55.27 0.95 -1.34	58.10 1.27 -1.39	60.92 1.51 -1.26	67.67 1.68 -1.52	60.13 1.46 -0.27	59.60 1.33 -0.43	49.95 1.03 0.00	45.06 1.06 0.00	41.64 1.23 -0.59	36.98 0.96 -0.37
SWANROAD_115KV_TB1 355699	37.66 0.65 -1.05	34.04 0.94 -0.80	32.16 0.50 -0.63	30.89 0.71 -0.60	31.40 0.54 -0.64	33.57 0.67 -1.12	41.86 0.20 -1.29	46.69 -0.18 -2.57	47.33 -0.46 -2.28	46.15 -0.95 -1.86	48.57 -0.80 -2.43	50.41 -0.29 -2.37	50.63 -0.49 -2.41	54.16 -0.74 -2.01	54.38 -0.85 -2.24	55.80 -1.88 -2.26	58.03 -2.67 -2.55	63.96 -3.48 -2.97	58.58 -2.39 -2.58	58.62 -1.85 -2.62	49.58 -1.32 -1.98	44.44 -1.10 -1.53	40.15 -0.84 -1.17	36.39 -0.21 -0.95
SYNERGY___BIOGAS 323694	38.95 1.94 -1.04	35.10 2.00 -0.80	33.30 1.64 -0.62	31.93 1.75 -0.60	32.48 1.63 -0.64	34.77 1.88 -1.11	43.79 2.14 -1.28	49.15 2.30 -2.56	49.73 1.96 -2.26	48.63 1.54 -1.85	51.04 1.69 -2.41	52.86 2.18 -2.35	53.09 2.00 -2.40	56.89 2.01 -2.00	57.06 1.85 -2.22	58.67 1.00 -2.24	61.21 0.52 -2.54	67.94 0.52 -2.95	62.30 1.34 -2.56	62.36 1.91 -2.61	52.50 1.61 -1.96	46.98 1.45 -1.52	42.33 1.35 -1.17	38.02 1.43 -0.95
SYRACUSE___ENERGY_ST1 323597	38.75 0.22 -2.57	34.72 0.19 -2.23	32.81 0.12 -1.65	31.32 0.15 -1.59	32.13 0.15 -1.76	35.26 0.19 -3.28	44.58 0.24 -3.97	51.85 0.35 -7.21	52.33 0.36 -6.46	51.10 0.41 -5.45	54.21 0.47 -6.81	55.42 0.48 -6.59	55.44 0.49 -6.26	59.01 0.48 -5.65	59.05 0.42 -5.64	61.25 0.33 -5.49	64.79 0.23 -6.41	72.17 0.06 -7.62	65.60 0.29 -6.91	65.24 0.35 -7.05	54.85 0.29 -5.64	48.14 0.22 -3.92	43.02 0.16 -3.05	38.25 0.11 -2.49
SYRACUSE___ENERGY_ST2 323598	38.75 0.22 -2.57	34.72 0.19 -2.23	32.81 0.12 -1.65	31.32 0.15 -1.59	32.13 0.15 -1.76	35.26 0.19 -3.28	44.58 0.24 -3.97	51.85 0.35 -7.21	52.33 0.36 -6.46	51.10 0.41 -5.45	54.21 0.47 -6.81	55.42 0.48 -6.59	55.44 0.49 -6.26	59.01 0.48 -5.65	59.05 0.42 -5.64	61.25 0.33 -5.49	64.79 0.23 -6.41	72.17 0.06 -7.62	65.60 0.29 -6.91	65.24 0.35 -7.05	54.85 0.29 -5.64	48.14 0.22 -3.92	43.02 0.16 -3.05	38.25 0.11 -2.49
SYRACUSE___POWER 24017	38.10 0.18 -1.96	34.26 0.16 -1.80	32.47 0.12 -1.31	30.96 0.12 -1.26	31.75 0.12 -1.42	34.66 0.16 -2.72	43.92 0.20 -3.34	50.49 0.35 -5.84	51.14 0.36 -5.27	50.06 0.32 -4.50	52.84 0.38 -5.52	54.13 0.44 -5.35	54.05 0.44 -4.91	57.91 0.42 -4.60	57.73 0.37 -4.37	59.88 0.28 -4.17	63.27 0.17 -4.95	70.50 0.06 -5.96	64.14 0.23 -5.51	63.76 0.29 -5.63	53.84 0.29 -4.62	47.24 0.18 -3.06	42.29 0.08 -2.40	37.68 0.07 -1.96
TALLMAN__138KV_BK151 55660	37.08 1.11 0.00	33.17 0.87 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.94 0.73 0.00	32.68 0.89 0.00	41.50 1.13 0.00	45.83 1.42 -0.12	47.49 1.27 -0.70	47.44 1.36 -0.84	49.32 1.46 -0.92	50.49 1.31 -0.84	50.89 1.36 -0.83	55.22 1.48 -0.85	55.71 1.32 -1.40	58.50 1.61 -1.46	61.39 1.92 -1.33	68.20 2.13 -1.60	60.49 1.81 -0.28	59.97 1.68 -0.45	50.20 1.27 0.00	45.24 1.23 0.00	41.87 1.43 -0.62	37.18 1.14 -0.39
TEALLAVE_115KV_TB7 355573	37.80 0.07 -1.76	34.04 0.06 -1.67	32.24 0.00 -1.20	30.77 0.03 -1.16	31.56 0.03 -1.32	34.37 0.03 -2.55	43.58 0.04 -3.17	49.82 0.09 -5.44	50.51 0.09 -4.92	49.56 0.09 -4.23	52.22 0.14 -5.14	53.52 0.19 -4.98	53.40 0.19 -4.50	57.34 0.16 -4.29	57.07 0.11 -3.98	59.19 0.00 -3.76	62.47 -0.17 -4.50	69.61 -0.32 -5.45	63.37 -0.12 -5.09	62.99 -0.06 -5.20	53.19 -0.05 -4.32	46.71 -0.09 -2.79	41.89 -0.12 -2.20	37.34 -0.11 -1.80
TELGRAPH_34_KV_EAST 80808	38.34 1.33 -1.05	34.59 1.49 -0.80	32.75 1.09 -0.62	31.42 1.24 -0.60	31.97 1.12 -0.64	34.20 1.30 -1.11	42.87 1.21 -1.29	48.01 1.15 -2.56	48.64 0.86 -2.27	47.64 0.54 -1.85	50.02 0.66 -2.42	51.86 1.16 -2.36	52.08 0.97 -2.40	55.73 0.85 -2.00	55.96 0.74 -2.23	57.51 -0.17 -2.25	59.93 -0.76 -2.54	66.27 -1.16 -2.96	60.67 -0.29 -2.56	60.69 0.23 -2.61	51.18 0.29 -1.97	45.84 0.31 -1.52	41.30 0.32 -1.17	37.28 0.68 -0.95
TEMPLE___115KV_TB 2 55572	37.80 0.07 -1.77	34.06 0.10 -1.67	32.27 0.03 -1.20	30.80 0.06 -1.16	31.58 0.06 -1.31	34.39 0.06 -2.54	43.56 0.04 -3.15	49.85 0.13 -5.42	50.55 0.14 -4.90	49.59 0.14 -4.21	52.25 0.19 -5.13	53.55 0.24 -4.97	53.45 0.24 -4.50	57.38 0.21 -4.28	57.12 0.16 -3.98	59.26 0.06 -3.77	62.54 -0.12 -4.51	69.67 -0.26 -5.45	63.42 -0.06 -5.08	63.04 0.00 -5.20	53.23 0.00 -4.31	46.76 -0.04 -2.79	41.93 -0.08 -2.20	37.37 -0.07 -1.80
TIANA____69_KV_BK 1 55817	37.12 1.15 0.00	32.75 0.45 0.00	31.41 0.37 0.00	29.55 -0.03 0.01	30.20 0.00 0.01	32.36 0.57 0.00	41.46 1.09 0.00	45.30 0.89 -0.12	46.58 0.55 -0.53	46.36 0.50 -0.62	47.46 0.80 0.28	47.60 0.58 1.32	47.33 0.54 1.91	46.63 0.58 6.84	49.89 0.42 3.52	49.85 0.72 6.30	54.95 0.99 4.19	67.26 1.10 -1.69	54.87 0.82 4.35	50.66 0.58 7.76	44.12 0.34 5.15	43.96 0.26 0.31	41.27 0.80 -0.66	36.81 0.75 -0.41

TILDEN___115KV_TB1 80814	38.10 0.18 -1.96	34.26 0.16 -1.80	32.47 0.12 -1.31	30.96 0.12 -1.26	31.75 0.12 -1.42	34.66 0.16 -2.72	43.92 0.20 -3.34	50.49 0.35 -5.84	51.14 0.36 -5.27	50.06 0.32 -4.50	52.84 0.38 -5.52	54.13 0.44 -5.35	54.05 0.44 -4.91	57.91 0.42 -4.60	57.73 0.37 -4.37	59.88 0.28 -4.17	63.27 0.17 -4.95	70.50 0.06 -5.96	64.14 0.23 -5.51	63.76 0.29 -5.63	53.84 0.29 -4.62	47.24 0.18 -3.06	42.29 0.08 -2.40	37.68 0.07 -1.96
TRIGEN___CC 323695	37.12 1.15 0.00	32.98 0.68 0.00	31.63 0.59 0.00	29.90 0.33 0.01	30.54 0.33 0.01	32.52 0.73 0.00	41.54 1.17 0.00	45.43 1.02 -0.12	47.07 0.86 -0.69	47.02 0.95 -0.83	48.84 1.22 -0.68	49.87 1.16 -0.37	50.04 1.12 -0.22	53.18 1.22 0.92	54.35 1.06 -0.30	56.56 1.44 0.31	59.91 1.69 -0.08	67.98 1.81 -1.70	59.05 1.46 0.81	57.64 1.27 1.48	48.58 0.88 1.23	44.81 0.88 0.08	41.71 1.23 -0.66	37.20 1.14 -0.41
TRINITY__115KV__4 BK 55933	35.50 -0.47 0.00	31.88 -0.42 0.00	30.70 -0.34 0.00	29.26 -0.33 0.00	29.91 -0.30 0.00	31.50 -0.29 0.00	39.97 -0.40 0.00	43.85 -0.35 0.08	44.64 -0.36 0.51	44.27 -0.36 0.61	45.80 -0.47 0.67	47.15 -0.58 0.61	47.52 -0.58 0.60	51.64 -0.63 0.61	51.28 -0.69 1.01	53.77 -0.61 1.06	50.34 -0.52 7.28	51.88 -0.58 12.02	46.79 -0.53 11.08	50.29 -0.75 6.80	48.38 -0.54 0.00	43.61 -0.40 0.00	39.16 -0.20 0.45	35.30 -0.07 0.28
UNION___PROCESSING_DRP 323587	37.79 0.79 -1.03	33.93 0.84 -0.79	32.34 0.68 -0.62	30.88 0.71 -0.59	31.51 0.66 -0.63	33.68 0.79 -1.10	42.53 0.89 -1.27	47.84 1.02 -2.53	48.56 0.82 -2.24	47.75 0.68 -1.83	50.12 0.80 -2.39	51.72 1.06 -2.32	52.09 1.02 -2.37	55.86 1.00 -1.97	56.08 0.90 -2.20	58.09 0.44 -2.21	60.71 0.06 -2.51	67.32 -0.06 -2.91	61.33 0.41 -2.52	61.11 0.69 -2.57	51.50 0.64 -1.94	46.08 0.57 -1.50	41.44 0.48 -1.15	37.12 0.53 -0.93
UPPER HUDSON___HYD 24058	36.61 0.65 0.00	32.95 0.65 0.00	31.72 0.68 0.00	30.21 0.62 0.00	30.87 0.66 0.00	32.42 0.64 0.00	41.30 0.93 0.00	45.25 1.06 0.10	45.85 0.96 0.61	45.68 1.17 0.74	47.03 0.89 0.80	48.48 0.87 0.73	48.71 0.73 0.72	52.99 0.84 0.74	52.72 0.95 1.22	55.26 1.11 1.27	63.27 1.28 -3.85	73.16 1.48 -7.20	68.27 1.52 -8.36	63.90 1.33 -4.73	50.19 1.32 0.05	45.24 1.23 0.00	40.30 1.03 0.54	36.13 0.82 0.34
UPPER RAQUET___HYD 24056	36.97 0.65 -0.36	43.87 0.55 -11.02	36.75 0.53 -5.18	35.41 0.47 -5.35	38.87 0.48 -8.18	55.38 0.54 -23.06	75.10 0.81 -33.92	83.48 0.89 -38.30	83.69 0.86 -37.32	83.41 0.77 -37.40	84.11 0.85 -36.32	84.42 0.77 -35.31	85.64 0.90 -16.74	62.71 1.00 -31.85	57.30 1.11 -8.72	67.96 0.99 -0.76	83.27 1.10 -8.82	86.63 0.82 -17.70	87.16 0.81 -27.41	84.42 0.68 -28.51	53.48 0.93 -34.82	49.01 0.80 -8.55	43.70 0.64 -8.40	37.68 0.07 -7.41
VALLEY44_115KV_TB2 355964	38.25 1.19 -1.10	34.40 1.26 -0.84	32.41 0.71 -0.66	31.16 0.95 -0.63	31.85 0.97 -0.67	34.04 1.08 -1.17	42.57 0.85 -1.35	47.97 0.97 -2.70	48.62 0.73 -2.39	47.55 0.36 -1.95	49.95 0.47 -2.55	51.55 0.73 -2.48	51.82 0.58 -2.53	55.42 0.42 -2.11	55.65 0.32 -2.35	57.30 -0.50 -2.37	60.02 -0.81 -2.68	66.30 -1.29 -3.12	60.75 -0.35 -2.70	60.83 0.23 -2.75	50.95 -0.05 -2.07	45.44 -0.18 -1.61	40.89 -0.16 -1.23	36.76 0.11 -1.00
VALLEY___115KV_TB 1-4 80826	34.99 -0.97 0.00	31.63 -0.94 -0.26	30.23 -0.93 -0.12	28.73 -0.98 -0.13	29.38 -1.03 -0.19	31.32 -1.02 -0.55	40.05 -1.13 -0.81	44.01 -1.20 -0.91	45.26 -1.14 -0.89	45.14 -1.00 -0.89	47.01 -0.80 -0.86	48.60 -0.58 -0.84	48.60 -0.49 -0.39	53.12 -0.53 -0.76	52.76 -0.42 -0.19	54.99 -0.44 0.00	57.82 -0.52 -0.19	64.43 -0.45 -0.40	58.69 -0.35 -0.64	58.22 -0.29 -0.67	49.61 -0.15 -0.83	44.02 -0.18 -0.19	39.85 -0.16 -0.19	35.64 -0.18 -0.17
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.93 1.29 -0.67	33.94 1.13 -0.51	32.55 1.12 -0.40	31.00 1.04 -0.38	31.68 1.06 -0.41	33.64 1.14 -0.71	42.72 1.53 -0.82	47.78 1.86 -1.63	48.86 1.91 -1.44	48.28 1.85 -1.18	50.40 1.92 -1.54	51.86 1.98 -1.54	52.22 1.95 -1.57	56.21 2.01 -1.31	56.41 1.96 -1.46	58.95 2.05 -1.47	61.91 2.09 -1.67	68.86 2.45 -1.94	62.18 2.10 -1.68	61.64 2.08 -1.71	52.12 1.91 -1.29	46.54 1.54 -1.00	41.97 1.39 -0.76	37.48 1.21 -0.62
VISCHER___FERRY HYD 24020	36.47 0.50 0.00	32.72 0.42 0.00	31.47 0.43 0.00	30.03 0.44 0.00	30.69 0.48 0.00	32.33 0.54 0.00	41.14 0.77 0.00	44.99 0.84 0.14	45.43 0.77 0.85	45.17 0.95 1.02	46.57 0.75 1.12	48.09 0.77 1.02	48.43 0.73 1.00	52.65 0.79 1.03	52.08 0.80 1.70	54.60 0.94 1.77	69.95 1.10 -10.70	84.89 1.22 -19.19	80.38 1.17 -20.82	70.81 0.92 -12.05	49.73 0.88 0.08	44.80 0.79 0.00	39.90 0.84 0.76	35.86 0.68 0.47
V_A_10_SYNC_DSASP 323832	37.86 0.90 -1.00	34.16 1.10 -0.76	32.34 0.71 -0.59	31.01 0.86 -0.57	31.54 0.73 -0.61	33.67 0.83 -1.06	42.12 0.52 -1.22	47.04 0.31 -2.44	47.76 0.09 -2.16	46.64 -0.36 -1.76	49.05 -0.19 -2.30	50.82 0.24 -2.24	51.08 0.10 -2.29	54.74 -0.05 -1.90	54.95 -0.16 -2.12	56.57 -1.00 -2.14	58.88 -1.69 -2.42	65.03 -2.26 -2.81	59.44 -1.40 -2.44	59.40 -0.93 -2.49	50.16 -0.64 -1.87	44.97 -0.48 -1.45	40.53 -0.40 -1.11	36.73 0.18 -0.90
V_CMM_10_SYNC_DSASP 323787	36.15 0.18 0.00	30.83 0.16 1.63	30.41 0.12 0.75	28.92 0.12 0.78	29.13 0.12 1.21	28.48 0.13 3.44	35.50 0.20 5.08	38.79 0.18 5.67	40.24 0.27 5.54	39.98 0.32 5.57	41.89 0.33 5.38	43.49 0.39 5.23	46.68 0.39 2.41	48.64 0.48 4.73	52.36 0.58 1.21	55.98 0.55 0.00	57.52 0.58 1.21	62.68 0.71 2.51	54.98 0.58 4.01	54.31 0.64 4.17	44.15 0.39 5.17	43.15 0.35 1.20	38.85 0.24 1.20	34.76 0.18 1.07
V_CMP_10_SYNC_DSASP 323788	36.83 0.86 0.00	33.80 0.68 -0.82	32.01 0.59 -0.38	30.51 0.53 -0.39	31.39 0.57 -0.61	34.16 0.64 -1.74	43.14 0.20 -2.57	46.45 -0.71 -2.87	46.81 -1.50 -2.80	46.74 -1.31 -2.82	48.35 -1.31 -2.72	48.96 -2.03 -2.64	48.80 -1.12 -1.22	53.48 -1.80 -2.39	52.27 -1.32 -0.61	54.05 -1.38 0.00	57.53 -1.22 -0.61	64.64 -1.10 -1.26	59.59 -0.82 -2.01	58.83 -1.10 -2.09	50.58 -0.93 -2.59	44.96 0.35 -0.60	41.33 0.92 -0.60	36.86 0.68 -0.53
V_D_10_SYNC_DSASP 323841	36.43 0.47 0.00	48.36 0.42 -15.64	38.67 0.40 -7.23	37.43 0.36 -7.49	42.18 0.39 -11.58	65.17 0.38 -32.99	89.58 0.49 -48.72	99.28 0.53 -54.46	99.23 0.55 -53.17	99.23 0.50 -53.50	99.20 0.61 -51.65	99.14 0.58 -50.22	72.50 0.63 -23.16	98.93 0.69 -45.36	65.31 0.74 -11.58	56.26 0.83 0.00	70.66 0.93 -11.58	89.61 1.10 -24.04	97.75 0.93 -38.42	98.76 0.92 -39.99	99.17 0.68 -49.56	56.30 0.75 -11.55	51.92 0.56 -11.55	46.38 0.50 -10.23
V_E_10_SYNC_DSASP 323830	39.62 2.34 -1.32	35.25 1.94 -1.01	33.62 1.80 -0.79	31.96 1.63 -0.75	32.68 1.66 -0.81	35.23 2.04 -1.40	44.85 2.87 -1.62	50.93 3.41 -3.23	52.01 3.64 -2.86	50.79 3.21 -2.33	53.27 3.28 -3.05	54.80 3.48 -2.98	55.20 3.46 -3.04	59.07 3.65 -2.54	59.41 3.60 -2.82	61.99 3.71 -2.84	65.15 3.78 -3.22	72.85 4.64 -3.73	66.13 4.50 -3.23	66.00 4.86 -3.30	55.46 4.06 -2.48	49.01 3.08 -1.92	43.76 2.47 -1.47	39.02 2.17 -1.20

V_F_30_NSYNC___DSASP 323816	36.90 0.93 0.00	33.14 0.84 0.00	31.88 0.84 0.00	30.38 0.80 0.00	31.06 0.84 0.00	32.68 0.89 0.00	41.62 1.25 0.00	45.60 1.42 0.11	46.22 1.36 0.65	45.95 1.49 0.78	47.35 1.27 0.86	48.86 1.31 0.78	49.15 1.22 0.77	53.47 1.37 0.79	53.11 1.43 1.30	55.68 1.61 1.36	64.61 1.74 -4.72	75.21 2.00 -8.74	70.30 1.92 -9.98	65.25 1.73 -5.68	50.48 1.61 0.06	45.46 1.45 0.00	40.55 1.31 0.58	36.40 1.11 0.36
V_F_30_SYNC_DSASP 323786	35.64 -0.32 0.00	31.98 -0.32 0.00	30.79 -0.25 0.00	29.35 -0.24 0.00	30.03 -0.18 0.00	31.63 -0.16 0.00	40.13 -0.24 0.00	44.03 -0.18 0.09	44.80 -0.18 0.52	44.43 -0.18 0.63	45.97 -0.28 0.69	47.32 -0.39 0.63	47.69 -0.39 0.62	51.83 -0.42 0.63	51.51 -0.42 1.05	54.01 -0.33 1.09	51.42 -0.29 6.44	53.61 -0.32 10.55	48.53 -0.29 9.58	51.47 -0.46 5.91	48.63 -0.29 0.00	43.79 -0.22 0.00	39.31 -0.04 0.47	35.43 0.07 0.29
V_XM_10_SYNC_DSASP 323789	36.83 0.86 0.00	33.80 0.68 -0.82	32.01 0.59 -0.38	30.51 0.53 -0.39	31.39 0.57 -0.61	34.16 0.64 -1.74	43.14 0.20 -2.57	46.45 -0.71 -2.87	46.81 -1.50 -2.80	46.74 -1.31 -2.82	48.35 -1.31 -2.72	48.96 -2.03 -2.64	48.80 -1.12 -1.22	53.48 -1.80 -2.39	52.27 -1.32 -0.61	54.05 -1.38 0.00	57.53 -1.22 -0.61	64.64 -1.10 -1.26	59.59 -0.82 -2.01	58.83 -1.10 -2.09	50.58 -0.93 -2.59	44.96 0.35 -0.60	41.33 0.92 -0.60	36.86 0.68 -0.53
W.BABYLN_69_KV_BK1 56697	37.44 1.47 0.00	33.14 0.84 0.00	31.78 0.74 0.00	29.96 0.38 0.01	30.63 0.42 0.01	32.74 0.95 0.00	41.90 1.53 0.00	45.78 1.37 -0.12	47.15 1.09 -0.55	47.03 1.13 -0.66	48.27 1.46 0.13	48.54 1.26 1.06	48.34 1.22 1.58	48.27 1.32 5.94	51.27 1.22 2.94	51.65 1.61 5.39	56.47 1.86 3.54	68.23 2.06 -1.69	56.34 1.75 3.81	52.55 1.50 6.80	45.50 1.13 4.55	44.88 1.14 0.27	42.07 1.59 -0.66	37.49 1.43 -0.41
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.22 1.26 0.00	33.30 1.00 0.00	31.94 0.90 0.00	30.38 0.80 0.00	31.06 0.85 0.00	32.81 1.02 0.00	41.70 1.33 0.00	46.05 1.64 -0.12	47.72 1.50 -0.71	47.68 1.58 -0.86	49.52 1.64 -0.94	50.74 1.55 -0.86	51.10 1.56 -0.84	55.49 1.75 -0.86	55.95 1.54 -1.43	58.80 1.88 -1.49	61.70 2.21 -1.35	68.55 2.45 -1.62	60.79 2.10 -0.28	60.27 1.97 -0.46	50.44 1.52 0.00	45.50 1.50 0.00	42.08 1.63 -0.63	37.36 1.32 -0.39
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.44 1.47 0.00	33.50 1.20 0.00	32.12 1.09 0.00	30.56 0.98 0.00	31.18 0.97 0.00	32.96 1.18 0.00	41.99 1.61 0.00	46.37 1.95 -0.12	48.08 1.82 -0.75	48.09 1.95 -0.90	50.04 2.11 -0.98	51.27 2.03 -0.90	51.58 2.00 -0.89	56.02 2.22 -0.91	56.50 2.01 -1.50	59.43 2.44 -1.56	62.29 2.73 -1.41	69.15 2.97 -1.71	61.21 2.51 -0.30	60.52 2.20 -0.48	50.64 1.71 0.00	45.72 1.72 0.00	42.39 1.91 -0.67	37.66 1.60 -0.41
W50THST__13_KV_LOAD 356117	37.62 1.65 0.00	33.66 1.36 0.00	32.28 1.24 0.00	30.71 1.12 0.00	31.33 1.12 0.00	33.15 1.37 0.00	42.23 1.86 0.00	46.68 2.26 -0.12	48.40 2.14 -0.75	48.40 2.26 -0.90	50.37 2.44 -0.98	51.61 2.37 -0.90	51.97 2.39 -0.89	56.44 2.64 -0.91	56.92 2.44 -1.50	59.87 2.88 -1.56	62.76 3.20 -1.41	69.67 3.48 -1.71	61.62 2.92 -0.30	60.93 2.60 -0.48	50.93 2.01 0.00	45.99 1.98 0.00	42.63 2.15 -0.67	37.84 1.78 -0.41
WADING RIVER_IC_1 23522	36.65 0.68 0.00	32.33 0.03 0.00	31.04 0.00 0.00	29.25 -0.32 0.01	29.87 -0.33 0.01	32.01 0.22 0.00	41.01 0.64 0.00	44.68 0.27 -0.12	45.95 -0.09 -0.53	46.14 0.27 -0.62	46.80 0.14 0.28	47.12 0.10 1.32	46.79 0.00 1.91	46.10 0.05 6.84	49.36 -0.11 3.52	49.35 0.22 6.31	54.42 0.46 4.19	66.75 0.58 -1.69	54.34 0.29 4.35	50.14 0.06 7.76	43.79 -0.05 5.09	43.61 -0.09 0.31	40.79 0.32 -0.66	36.60 0.54 -0.41
WADING RIVER_IC_2 23547	36.65 0.68 0.00	32.33 0.03 0.00	31.04 0.00 0.00	29.25 -0.32 0.01	29.87 -0.33 0.01	32.01 0.22 0.00	41.01 0.64 0.00	44.68 0.27 -0.12	45.95 -0.09 -0.53	46.14 0.27 -0.62	46.80 0.14 0.28	47.12 0.10 1.32	46.79 0.00 1.91	46.10 0.05 6.84	49.36 -0.11 3.52	49.35 0.22 6.31	54.42 0.46 4.19	66.75 0.58 -1.69	54.34 0.29 4.35	50.14 0.06 7.76	43.79 -0.05 5.09	43.61 -0.09 0.31	40.79 0.32 -0.66	36.60 0.54 -0.41
WADING RIVER_IC_3 23601	36.65 0.68 0.00	32.33 0.03 0.00	31.04 0.00 0.00	29.25 -0.32 0.01	29.87 -0.33 0.01	32.01 0.22 0.00	41.01 0.64 0.00	44.68 0.27 -0.12	45.95 -0.09 -0.53	46.14 0.27 -0.62	46.80 0.14 0.28	47.12 0.10 1.32	46.79 0.00 1.91	46.10 0.05 6.84	49.36 -0.11 3.52	49.35 0.22 6.31	54.42 0.46 4.19	66.75 0.58 -1.69	54.34 0.29 4.35	50.14 0.06 7.76	43.79 -0.05 5.09	43.61 -0.09 0.31	40.79 0.32 -0.66	36.60 0.54 -0.41
WALDENNY_12_KV_BK2 80841	38.51 1.47 -1.07	34.74 1.62 -0.82	32.79 1.12 -0.64	31.50 1.30 -0.61	32.05 1.18 -0.66	34.30 1.37 -1.14	42.90 1.21 -1.32	48.03 1.11 -2.63	48.74 0.91 -2.33	47.68 0.54 -1.90	50.08 0.66 -2.48	51.92 1.16 -2.42	52.14 0.97 -2.46	55.84 0.90 -2.05	56.07 0.79 -2.29	57.51 -0.22 -2.30	59.88 -0.87 -2.61	66.09 -1.42 -3.03	60.56 -0.47 -2.63	60.58 0.06 -2.68	51.09 0.15 -2.02	45.66 0.09 -1.56	41.17 0.16 -1.20	37.23 0.61 -0.97
WALDEN___HYDRO 24148	37.04 1.08 0.00	33.14 0.84 0.00	31.81 0.78 0.00	30.27 0.68 0.00	30.91 0.69 0.00	32.61 0.83 0.00	41.46 1.09 0.00	45.76 1.37 -0.10	47.33 1.23 -0.59	47.18 1.22 -0.71	48.94 1.22 -0.78	50.16 1.11 -0.71	50.57 1.17 -0.70	54.93 1.32 -0.72	55.28 1.11 -1.19	58.05 1.39 -1.24	60.95 1.69 -1.12	67.70 1.87 -1.35	60.39 1.75 -0.24	59.84 1.62 -0.38	50.24 1.32 0.00	45.28 1.28 0.00	41.77 1.43 -0.53	37.12 1.14 -0.33
WARRENSBURG____ 23737	36.61 0.65 0.00	32.95 0.65 0.00	31.72 0.68 0.00	30.21 0.62 0.00	30.88 0.66 0.00	32.42 0.64 0.00	41.30 0.93 0.00	45.30 1.11 0.10	45.90 1.00 0.61	45.59 1.09 0.74	47.03 0.89 0.80	48.43 0.82 0.73	48.71 0.73 0.72	52.99 0.85 0.74	52.66 0.90 1.22	55.21 1.05 1.27	63.16 1.16 -3.85	73.03 1.35 -7.20	68.22 1.46 -8.36	63.84 1.27 -4.73	50.20 1.27 0.00	45.24 1.23 0.00	40.34 1.07 0.54	36.13 0.82 0.34
WATERSIDE___6 8 9 23538	37.51 1.55 0.00	33.46 1.16 0.00	32.06 1.02 0.00	30.50 0.92 0.00	31.15 0.94 0.00	32.90 1.11 0.00	41.86 1.49 0.00	46.06 1.64 -0.12	47.72 1.46 -0.75	47.73 1.58 -0.90	49.62 1.69 -0.99	50.78 1.55 -0.89	51.14 1.56 -0.88	55.53 1.75 -0.90	56.02 1.54 -1.50	58.92 1.94 -1.55	61.83 2.27 -1.41	68.57 2.39 -1.71	60.68 1.99 -0.30	60.06 1.74 -0.48	50.24 1.32 0.00	45.55 1.54 0.00	42.35 1.87 -0.67	37.63 1.57 -0.41
WATKINRD_115KV_LN8_ILLION 55919	36.00 0.04 0.00	32.59 0.03 -0.26	31.19 0.03 -0.12	29.74 0.03 -0.13	30.43 0.03 -0.19	32.40 0.06 -0.55	41.31 0.12 -0.81	45.38 0.18 -0.91	46.53 0.14 -0.89	46.27 0.14 -0.89	47.94 0.14 -0.86	49.32 0.15 -0.84	49.23 0.15 -0.39	53.80 0.16 -0.76	53.29 0.11 -0.19	55.60 0.17 0.00	58.51 0.17 -0.19	65.14 0.26 -0.40	59.28 0.23 -0.64	58.69 0.17 -0.67	49.95 0.20 -0.83	44.33 0.13 -0.19	40.13 0.12 -0.19	35.92 0.11 -0.17

WDELAWARE___HYD 323627	37.12 1.15 0.00	33.20 0.90 0.00	31.90 0.87 0.00	30.29 0.71 0.00	30.91 0.70 0.00	32.65 0.86 0.00	41.58 1.21 0.00	45.83 1.46 -0.08	47.33 1.32 -0.50	47.29 1.45 -0.60	48.72 1.12 -0.66	50.10 1.16 -0.60	50.41 1.12 -0.59	54.81 1.32 -0.61	55.15 1.16 -1.00	57.91 1.44 -1.04	60.95 1.86 -0.94	67.74 2.12 -1.14	60.64 2.04 -0.20	60.19 2.02 -0.32	50.63 1.66 -0.04	45.55 1.54 0.00	41.81 1.55 -0.44	37.17 1.25 -0.27
WEST BABYLON___IC 23714	37.44 1.47 0.00	33.14 0.84 0.00	31.78 0.74 0.00	29.96 0.38 0.01	30.63 0.42 0.01	32.74 0.95 0.00	41.90 1.53 0.00	45.78 1.37 -0.12	47.15 1.09 -0.55	47.03 1.13 -0.66	48.27 1.46 0.13	48.54 1.26 1.06	48.34 1.22 1.58	48.27 1.32 5.94	51.27 1.22 2.94	51.65 1.61 5.39	56.47 1.86 3.54	68.23 2.06 -1.69	56.34 1.75 3.81	52.55 1.50 6.80	45.50 1.13 4.55	44.88 1.14 0.27	42.07 1.59 -0.66	37.49 1.43 -0.41
WEST CANADA___HYD 24049	35.93 -0.04 0.00	32.53 -0.03 -0.26	31.13 -0.03 -0.12	29.68 -0.03 -0.13	30.37 -0.03 -0.19	32.31 -0.03 -0.55	41.18 0.00 -0.81	45.25 0.04 -0.91	46.44 0.05 -0.89	46.18 0.05 -0.89	47.80 0.00 -0.86	49.23 0.05 -0.84	49.14 0.05 -0.39	53.70 0.05 -0.76	53.18 0.00 -0.19	55.49 0.06 0.00	58.40 0.06 -0.19	65.00 0.13 -0.40	59.09 0.06 -0.63	58.56 0.06 -0.66	49.84 0.10 -0.82	44.24 0.04 -0.19	40.04 0.04 -0.19	35.85 0.04 -0.17
WESTERN_NY_WIND 24143	38.92 1.91 -1.05	35.10 2.00 -0.80	33.31 1.64 -0.62	31.93 1.75 -0.60	32.48 1.63 -0.64	34.77 1.88 -1.11	43.79 2.14 -1.28	49.16 2.30 -2.56	49.68 1.91 -2.27	48.63 1.54 -1.85	51.00 1.64 -2.42	52.82 2.13 -2.35	53.05 1.95 -2.40	56.84 1.96 -2.00	57.01 1.80 -2.23	58.62 0.94 -2.24	61.15 0.47 -2.54	67.88 0.45 -2.95	62.24 1.28 -2.56	62.30 1.85 -2.61	52.45 1.57 -1.96	46.94 1.41 -1.52	42.29 1.31 -1.17	38.02 1.43 -0.95
WESTOVER___LESR 323668	37.96 0.68 -1.31	33.98 0.68 -1.00	32.31 0.50 -0.78	30.89 0.56 -0.75	31.59 0.57 -0.80	33.78 0.60 -1.39	42.62 0.65 -1.61	48.26 0.75 -3.21	49.08 0.73 -2.84	48.15 0.59 -2.32	50.63 0.66 -3.03	51.98 0.68 -2.96	52.41 0.68 -3.02	56.04 0.63 -2.52	56.38 0.58 -2.81	58.65 0.39 -2.83	61.64 0.29 -3.20	68.46 0.26 -3.72	62.15 0.53 -3.23	61.77 0.64 -3.29	51.99 0.59 -2.48	46.41 0.48 -1.92	41.68 0.40 -1.47	37.27 0.43 -1.19
WETHRSFD_WT_PWR 323626	38.27 1.12 -1.19	34.47 1.26 -0.91	32.58 0.84 -0.71	31.24 0.97 -0.68	31.81 0.88 -0.72	34.06 1.02 -1.26	42.67 0.85 -1.45	48.17 0.97 -2.90	49.12 1.05 -2.57	47.52 0.18 -2.10	50.29 0.61 -2.74	51.49 0.48 -2.67	51.86 0.44 -2.72	55.57 0.42 -2.27	55.72 0.21 -2.53	57.42 -0.55 -2.54	59.80 -1.22 -2.88	66.14 -1.68 -3.34	60.71 -0.58 -2.89	60.96 0.17 -2.95	51.04 -0.10 -2.22	45.59 -0.13 -1.72	41.01 -0.12 -1.32	37.25 0.54 -1.07
WHAVSTOR_138KV_BK127 55557	37.04 1.08 0.00	33.14 0.84 0.00	31.78 0.74 0.00	30.27 0.68 0.00	30.91 0.69 0.00	32.65 0.86 0.00	41.50 1.13 0.00	45.78 1.37 -0.12	47.50 1.27 -0.72	47.41 1.31 -0.86	49.29 1.41 -0.94	50.50 1.31 -0.86	50.86 1.31 -0.84	55.23 1.48 -0.87	55.69 1.27 -1.43	58.53 1.61 -1.49	61.41 1.92 -1.35	68.17 2.06 -1.63	60.44 1.75 -0.29	59.86 1.56 -0.46	50.15 1.22 0.00	45.19 1.19 0.00	41.84 1.39 -0.64	37.18 1.14 -0.39
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.04 1.08 0.00	33.14 0.84 0.00	31.78 0.74 0.00	30.27 0.68 0.00	30.91 0.69 0.00	32.65 0.86 0.00	41.50 1.13 0.00	45.78 1.37 -0.12	47.50 1.27 -0.72	47.41 1.31 -0.86	49.29 1.41 -0.94	50.50 1.31 -0.86	50.86 1.31 -0.84	55.23 1.48 -0.87	55.69 1.27 -1.43	58.53 1.61 -1.49	61.41 1.92 -1.35	68.17 2.06 -1.63	60.44 1.75 -0.29	59.86 1.56 -0.46	50.15 1.22 0.00	45.19 1.19 0.00	41.84 1.39 -0.64	37.18 1.14 -0.39
WHITEHAL_115KV_TB1 80871	37.37 1.40 0.00	33.59 1.29 0.00	32.34 1.30 0.00	30.77 1.18 0.00	31.48 1.27 0.00	33.15 1.37 0.00	42.31 1.94 0.00	46.36 2.17 0.10	46.93 2.05 0.63	46.57 2.08 0.76	47.94 1.83 0.83	49.37 1.79 0.75	49.61 1.66 0.74	53.97 1.85 0.76	53.69 1.96 1.26	56.34 2.22 1.31	64.74 2.38 -4.21	75.08 2.77 -7.84	70.35 2.92 -9.03	65.68 2.72 -5.12	51.42 2.50 0.00	46.25 2.24 0.00	41.17 1.91 0.56	36.87 1.57 0.35
WHITEPLN_13_KV_LOAD 356215	37.55 1.58 0.00	33.63 1.32 0.00	32.25 1.21 0.00	30.71 1.12 0.00	31.36 1.15 0.00	33.15 1.37 0.00	42.27 1.90 0.00	46.76 2.35 -0.12	48.53 2.28 -0.75	48.58 2.44 -0.90	50.51 2.58 -0.98	51.75 2.51 -0.90	52.12 2.53 -0.88	56.54 2.75 -0.91	57.08 2.60 -1.50	59.93 2.94 -1.56	62.82 3.26 -1.41	69.79 3.61 -1.71	61.68 2.98 -0.30	61.04 2.72 -0.48	51.12 2.20 0.00	45.99 1.98 0.00	42.59 2.11 -0.67	37.74 1.68 -0.41
WM_FLOYD_69_KV_BK2 356380	36.94 0.97 0.00	32.62 0.32 0.00	31.29 0.25 0.00	29.46 -0.12 0.01	30.08 -0.12 0.01	32.23 0.45 0.00	41.34 0.97 0.00	45.12 0.71 -0.12	46.45 0.41 -0.53	46.27 0.41 -0.63	47.23 0.56 0.27	47.41 0.39 1.31	47.14 0.34 1.90	46.48 0.42 6.82	49.74 0.26 3.51	49.75 0.61 6.29	54.84 0.87 4.18	67.14 0.97 -1.69	54.76 0.70 4.34	50.56 0.46 7.74	44.07 0.29 5.14	43.96 0.26 0.31	41.35 0.88 -0.66	36.85 0.78 -0.41
WOODARD___115KV_TB2 355635	38.06 0.00 -2.09	34.21 0.00 -1.90	32.36 -0.06 -1.39	30.89 -0.03 -1.34	31.68 -0.03 -1.50	34.62 -0.03 -2.86	43.84 -0.04 -3.51	50.52 0.04 -6.18	51.12 0.05 -5.56	50.03 0.05 -4.74	52.87 0.09 -5.84	54.14 0.15 -5.66	54.03 0.10 -5.23	57.85 0.11 -4.86	57.70 0.05 -4.66	59.79 -0.11 -4.47	63.20 -0.23 -5.28	70.44 -0.39 -6.35	64.07 -0.18 -5.85	63.70 -0.12 -5.97	53.75 -0.05 -4.87	47.17 -0.09 -3.26	42.20 -0.16 -2.55	37.59 -0.14 -2.08
WOODMERE_69_KV_BK1 55827	37.55 1.58 0.00	33.33 1.03 0.00	31.97 0.93 0.00	30.23 0.65 0.01	30.87 0.66 0.01	32.90 1.11 0.00	42.03 1.66 0.00	45.96 1.55 -0.12	47.55 1.32 -0.72	47.60 1.49 -0.87	49.67 1.88 -0.85	50.89 1.89 -0.67	51.15 1.85 -0.60	55.02 2.01 -0.13	55.87 1.91 -0.98	58.45 2.27 -0.75	61.60 2.62 -0.83	69.01 2.84 -1.70	60.61 2.39 0.18	59.61 2.14 0.37	50.00 1.61 0.53	45.47 1.50 0.04	42.23 1.75 -0.66	37.63 1.57 -0.41
YORK___WARBASSE 23770	37.76 1.80 0.00	33.37 1.07 0.00	32.00 0.96 0.00	30.38 0.80 0.00	31.00 0.79 0.00	32.74 0.95 0.00	41.62 1.25 0.00	45.70 1.28 -0.12	47.40 1.14 -0.75	47.36 1.22 -0.90	49.43 1.50 -0.99	50.54 1.31 -0.89	50.89 1.31 -0.88	55.27 1.48 -0.90	55.86 1.38 -1.50	58.76 1.77 -1.55	61.65 2.09 -1.41	68.18 2.00 -1.71	60.62 1.93 -0.30	60.00 1.68 -0.48	50.20 1.27 0.00	45.41 1.41 0.00	42.31 1.83 -0.67	37.59 1.53 -0.41